391279 2006 SA_{165} 4 23.9 129°.02 1°.9/21.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 26.98	− 9 43.6	2.603	3.457	9.8	21.6
4 1	14 22.13	− 8 36.8	2.538	3.468	7.0	21.4
4 11	14 16.00	− 7 24.7	2.499	3.479	4.1	21.3
4 21	14 9.12	− 6 11.6	2.490	3.490	1.9	21.1
5 1	14 2.16	− 5 2.4	2.511	3.501	3.6	21.3
5 11	13 55.75	− 4 1.5	2.561	3.511	6.5	21.5
5 21	13 50.43	− 3 12.3	2.637	3.521	9.3	21.7
5 31	13 46.57	− 2 36.8	2.736	3.531	11.6	21.8

141405 2002 AP_{152} 4 23.9 76°.76 0°.2/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 28.59	−15 1.1	2.284	3.129	11.3	20.3
4 1	14 23.48	−14 38.6	2.220	3.144	8.3	20.1
4 11	14 16.85	−14 7.7	2.182	3.159	4.8	19.9
4 21	14 9.33	−13 31.0	2.171	3.175	1.2	19.7
5 1	14 1.69	−12 52.3	2.189	3.190	2.5	19.8
5 11	13 54.71	−12 15.8	2.235	3.205	6.0	20.0
5 21	13 49.01	−11 45.1	2.307	3.220	9.2	20.3
5 31	13 45.02	−11 23.2	2.403	3.235	11.9	20.5

83483 2001 SC_{93} 4 23.9 41°.79 0°.5/24.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 28.73	−16 2.7	2.016	2.864	12.5	19.9
4 1	14 23.87	−15 42.7	1.943	2.867	9.2	19.6
4 11	14 17.21	−15 12.3	1.894	2.871	5.5	19.4
4 21	14 9.44	−14 34.1	1.872	2.875	1.5	19.2
5 1	14 1.43	−13 52.0	1.877	2.879	2.7	19.3
5 11	13 54.10	−13 11.2	1.910	2.883	6.7	19.5
5 21	13 48.20	−12 36.1	1.969	2.887	10.3	19.7
5 31	13 44.24	−12 10.5	2.050	2.891	13.4	19.9

54091 2000 GD_{179} 4 24.0 199°.15 5°.6/19.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.23	+ 3 13.2	2.206	3.061	11.3	19.0
4 1	14 26.94	+ 4 0.4	2.136	3.057	8.7	18.9
4 11	14 18.92	+ 4 43.2	2.092	3.053	6.4	18.7
4 21	14 9.84	+ 5 16.6	2.075	3.048	5.7	18.7
5 1	14 0.53	+ 5 35.8	2.086	3.043	7.2	18.7
5 11	13 51.86	+ 5 38.1	2.124	3.036	9.8	18.9
5 21	13 44.54	+ 5 22.7	2.187	3.030	12.5	19.0
5 31	13 39.10	+ 4 50.5	2.270	3.022	14.9	19.2

412676 2014 OW_{211} 4 24.0 191°.34 1°.5/25.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 34.91	−18 39.1	1.955	2.786	13.5	22.5
4 1	14 28.54	−18 27.0	1.871	2.785	10.2	22.2
4 11	14 20.02	−18 1.8	1.812	2.783	6.3	22.0
4 21	14 10.12	−17 25.1	1.779	2.780	2.4	21.7
5 1	13 59.85	−16 40.4	1.775	2.776	3.0	21.8
5 11	13 50.32	−15 53.2	1.800	2.772	7.0	22.0
5 21	13 42.40	−15 9.2	1.850	2.766	10.9	22.2
5 31	13 36.74	−14 33.5	1.924	2.760	14.3	22.4

338815 2003 WL_{52} 4 24.0 297°.19 1°.3/23.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 32.85	− 9 26.2	1.843	2.702	13.0	20.4
4 1	14 27.16	− 9 28.5	1.758	2.689	9.6	20.2
4 11	14 19.30	− 9 26.7	1.696	2.676	5.6	19.9
4 21	14 9.97	− 9 23.1	1.661	2.664	1.6	19.6
5 1	14 0.16	− 9 20.9	1.654	2.652	3.8	19.8
5 11	13 50.97	− 9 23.6	1.673	2.639	8.0	20.0
5 21	13 43.33	− 9 33.9	1.718	2.627	12.0	20.2
5 31	13 37.93	− 9 54.0	1.785	2.616	15.5	20.4

109377 2001 QF_{163} 4 24.0 186°.80 3°.5/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 27.21	− 4 16.1	2.379	3.242	10.3	20.4
4 1	14 22.47	− 3 9.9	2.309	3.242	7.5	20.2
4 11	14 16.28	− 2 1.7	2.265	3.242	4.8	20.0
4 21	14 9.22	− 0 56.3	2.250	3.241	3.5	20.0
5 1	14 1.98	+ 0 1.1	2.263	3.240	5.2	20.1
5 11	13 55.30	+ 0 46.1	2.304	3.239	8.0	20.2
5 21	13 49.75	+ 1 16.2	2.369	3.237	10.8	20.4
5 31	13 45.80	+ 1 30.1	2.457	3.235	13.2	20.6

270428 2002 CP_{73} 4 24.0 143°.38 1°.8/25.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 32.52	−20 23.9	2.357	3.177	11.9	21.8
4 1	14 26.38	−20 11.2	2.283	3.189	9.0	21.6
4 11	14 18.57	−19 46.3	2.235	3.201	5.7	21.4
4 21	14 9.76	−19 10.9	2.214	3.212	2.5	21.2
5 1	14 0.78	−18 28.1	2.223	3.223	2.7	21.3
5 11	13 52.49	−17 42.3	2.260	3.232	5.8	21.5
5 21	13 45.55	−16 58.3	2.325	3.241	9.0	21.7
5 31	13 40.47	−16 20.3	2.414	3.250	11.8	21.9

34358 2000 RV_{22} 4 24.0 237°.13 4°.0/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 30.54	−26 30.1	2.455	3.252	12.1	19.3
4 1	14 25.14	−26 45.4	2.363	3.246	9.7	19.2
4 11	14 17.98	−26 46.4	2.295	3.240	7.0	19.0
4 21	14 9.65	−26 32.7	2.253	3.234	4.6	18.8
5 1	14 0.96	−26 5.6	2.239	3.227	4.1	18.8
5 11	13 52.80	−25 28.7	2.253	3.221	6.1	18.9
5 21	13 45.91	−24 46.7	2.294	3.214	8.9	19.0
5 31	13 40.86	−24 4.8	2.358	3.207	11.6	19.2

497928 2006 VJ_{131} 4 24.0 112°.01 1°.0/22.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 28.21	−11 11.1	2.424	3.276	10.5	21.7
4 1	14 23.16	−10 42.3	2.355	3.284	7.6	21.5
4 11	14 16.67	−10 7.9	2.312	3.292	4.3	21.3
4 21	14 9.31	− 9 31.0	2.296	3.300	1.2	21.1
5 1	14 1.81	− 8 55.1	2.310	3.307	3.0	21.2
5 11	13 54.88	− 8 24.1	2.352	3.314	6.3	21.4
5 21	13 49.13	− 8 0.9	2.420	3.322	9.3	21.6
5 31	13 44.98	− 7 47.8	2.511	3.329	11.9	21.8

179066 2001 SO_{104} 4 24.0 72°.26 4°.8/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.47	−26 49.7	2.124	2.923	13.7	19.8
4 1	14 27.39	−27 24.3	2.054	2.937	11.0	19.6
4 11	14 19.30	−27 43.0	2.007	2.950	8.0	19.4
4 21	14 9.95	−27 44.8	1.985	2.964	5.4	19.3
5 1	14 0.32	−27 30.9	1.991	2.977	4.9	19.3
5 11	13 51.43	−27 5.0	2.025	2.991	6.9	19.4
5 21	13 44.13	−26 32.4	2.084	3.004	9.7	19.6
5 31	13 39.00	−25 58.9	2.167	3.018	12.4	19.8

508697 2017 UQ_{19} 4 24.0 116°.00 2°.6/21.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 27.33	− 6 39.1	2.508	3.367	10.0	21.7
4 1	14 22.41	− 5 38.0	2.448	3.381	7.2	21.5
4 11	14 16.18	− 4 33.9	2.415	3.394	4.3	21.4
4 21	14 9.19	− 3 31.4	2.411	3.407	2.6	21.3
5 1	14 2.12	− 2 35.0	2.436	3.420	4.3	21.4
5 11	13 55.63	− 1 48.8	2.489	3.433	7.1	21.6
5 21	13 50.26	− 1 15.3	2.568	3.445	9.8	21.8
5 31	13 46.40	− 0 55.9	2.669	3.457	12.1	22.0

390201 2012 WZ_{31} 4 24.0 66°.93 0°.1/23.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 27.30	−15 24.7	2.151	3.000	11.8	21.2
4 1	14 22.70	−14 44.1	2.080	3.007	8.6	21.0
4 11	14 16.47	−13 53.3	2.035	3.013	5.0	20.8
4 21	14 9.28	−12 55.8	2.016	3.019	1.2	20.5
5 1	14 1.91	−11 56.4	2.025	3.026	2.8	20.6
5 11	13 55.20	−11 0.5	2.063	3.033	6.5	20.9
5 21	13 49.79	−10 12.5	2.127	3.039	9.9	21.1
5 31	13 46.16	− 9 36.0	2.213	3.046	12.8	21.3

207191 2005 EF_{35} 4 24.0 20°.66 3°.6/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 27.97	− 9 43.3	1.429	2.307	14.9	19.5
4 1	14 23.81	− 8 2.1	1.366	2.308	10.7	19.3
4 11	14 17.37	− 6 9.5	1.326	2.310	6.3	19.0
4 21	14 9.51	− 4 14.8	1.312	2.311	3.6	18.9
5 1	14 1.40	− 2 28.8	1.325	2.313	6.4	19.0
5 11	13 54.23	− 1 1.3	1.362	2.315	10.8	19.3
5 21	13 48.90	+ 0 1.7	1.422	2.317	15.0	19.5
5 31	13 46.00	+ 0 37.9	1.501	2.319	18.4	19.8

431890 2008 SB_{265} 4 24.0 168°.95 0°.3/24.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.19	−15 1.8	2.106	2.950	12.2	21.9
4 1	14 25.63	−14 49.6	2.029	2.952	9.0	21.7
4 11	14 18.24	−14 28.3	1.977	2.954	5.3	21.5
4 21	14 9.71	−14 0.1	1.952	2.955	1.4	21.2
5 1	14 0.92	−13 28.7	1.955	2.956	2.7	21.3
5 11	13 52.78	−12 58.2	1.987	2.957	6.6	21.5
5 21	13 46.05	−12 32.8	2.044	2.958	10.2	21.8
5 31	13 41.27	−12 15.9	2.124	2.958	13.2	22.0

409162 2003 UF_{201} 4 24.0 170°.81 1°.4/22.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 32.55	−11 28.7	1.921	2.775	12.8	22.2
4 1	14 26.68	−10 44.2	1.849	2.778	9.3	22.0
4 11	14 18.87	− 9 51.4	1.801	2.782	5.3	21.7
4 21	14 9.86	− 8 54.6	1.781	2.784	1.6	21.5
5 1	14 0.62	− 7 59.3	1.790	2.786	3.9	21.6
5 11	13 52.14	− 7 11.3	1.826	2.787	7.9	21.9
5 21	13 45.21	− 6 34.9	1.888	2.788	11.6	22.1
5 31	13 40.39	− 6 12.9	1.971	2.788	14.7	22.3

300090 2006 UQ_{234} 4 24.0 162°.89 1°.3/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 28.07	−19 34.8	2.866	3.689	9.9	21.5
4 1	14 22.96	−19 17.2	2.785	3.693	7.5	21.3
4 11	14 16.53	−18 50.0	2.729	3.697	4.7	21.1
4 21	14 9.30	−18 14.6	2.702	3.701	1.9	20.9
5 1	14 1.91	−17 33.7	2.704	3.704	2.2	21.0
5 11	13 55.00	−16 51.0	2.735	3.707	4.9	21.1
5 21	13 49.12	−16 10.0	2.794	3.710	7.7	21.3
5 31	13 44.69	−15 34.3	2.878	3.712	10.1	21.5

7381 Mamontov 4 24.0 238°.63 1°.2/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 34.76	−16 33.6	1.775	2.618	14.2	17.5
4 1	14 28.74	−16 34.7	1.687	2.607	10.6	17.3
4 11	14 20.32	−16 24.5	1.621	2.596	6.5	17.0
4 21	14 10.26	−16 4.1	1.581	2.584	2.1	16.7
5 1	13 59.64	−15 36.7	1.570	2.571	3.2	16.7
5 11	13 49.70	−15 7.3	1.585	2.558	7.7	17.0
5 21	13 41.46	−14 41.1	1.626	2.545	12.0	17.2
5 31	13 35.66	−14 23.1	1.689	2.531	15.7	17.4

34812 2001 SB_{109} 4 24.0 111°.11 2°.7/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 36.13	−20 7.9	1.924	2.749	13.9	17.6
4 1	14 29.39	−20 32.1	1.855	2.762	10.6	17.4
4 11	14 20.49	−20 43.9	1.810	2.775	6.9	17.2
4 21	14 10.25	−20 43.1	1.792	2.788	3.4	17.0
5 1	13 59.74	−20 31.8	1.802	2.800	3.5	17.0
5 11	13 50.07	−20 13.9	1.840	2.812	6.9	17.3
5 21	13 42.12	−19 54.4	1.903	2.823	10.5	17.5
5 31	13 36.50	−19 37.9	1.990	2.834	13.6	17.7

139548 2001 QG_{55} 4 24.0 275°.37 2°.1/22.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 28.84	− 8 26.3	2.164	3.024	11.3	20.3
4 1	14 23.97	− 7 49.0	2.073	3.006	8.2	20.0
4 11	14 17.33	− 7 6.5	2.007	2.988	4.8	19.8
4 21	14 9.53	− 6 22.4	1.969	2.970	2.2	19.6
5 1	14 1.36	− 5 41.5	1.959	2.951	4.2	19.7
5 11	13 53.68	− 5 8.3	1.976	2.933	7.7	19.9
5 21	13 47.25	− 4 46.4	2.019	2.914	11.2	20.0
5 31	13 42.64	− 4 38.2	2.084	2.895	14.2	20.2

240800 2005 YY_{12} 4 24.0 357°.83 3°.5/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.87	− 7 40.0	1.266	2.146	16.3	20.1
4 1	14 26.99	− 6 55.6	1.203	2.145	11.9	19.9
4 11	14 19.39	− 6 4.6	1.162	2.145	7.0	19.6
4 21	14 10.03	− 5 13.9	1.144	2.144	3.5	19.4
5 1	14 0.28	− 4 31.1	1.151	2.144	6.2	19.5
5 11	13 51.60	− 4 3.3	1.183	2.145	11.1	19.8
5 21	13 45.07	− 3 54.5	1.235	2.145	15.7	20.1
5 31	13 41.40	− 4 6.2	1.306	2.146	19.5	20.3

115093 2003 SQ_{16} 4 24.0 200°.87 0°.7/23.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.16	−13 9.7	2.003	2.851	12.6	21.4
4 1	14 27.17	−12 35.8	1.921	2.847	9.2	21.2
4 11	14 19.20	−11 52.6	1.863	2.842	5.3	21.0
4 21	14 9.97	−11 3.4	1.833	2.837	1.3	20.7
5 1	14 0.40	−10 12.9	1.831	2.830	3.3	20.8
5 11	13 51.51	− 9 26.7	1.858	2.823	7.5	21.0
5 21	13 44.12	− 8 49.3	1.911	2.815	11.2	21.3
5 31	13 38.81	− 8 24.4	1.986	2.807	14.5	21.4

117163 2004 QA_{20} 4 24.0 238°.70 3°.1/21.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 32.57	− 3 56.2	2.434	3.286	10.5	20.5
4 1	14 26.49	− 3 24.0	2.341	3.269	7.7	20.3
4 11	14 18.73	− 2 50.6	2.275	3.250	4.8	20.1
4 21	14 9.86	− 2 19.6	2.236	3.231	3.1	19.9
5 1	14 0.63	− 1 55.0	2.228	3.210	4.8	20.0
5 11	13 51.86	− 1 40.1	2.248	3.190	7.8	20.1
5 21	13 44.25	− 1 37.3	2.295	3.168	10.9	20.3
5 31	13 38.35	− 1 47.7	2.364	3.146	13.6	20.4

317375 2002 NH_{74} 4 24.0 328°.79 2°.0/25.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 29.30	−19 54.5	1.836	2.677	13.9	20.7
4 1	14 24.59	−19 44.7	1.756	2.673	10.5	20.4
4 11	14 17.80	−19 20.4	1.698	2.669	6.7	20.2
4 21	14 9.65	−18 43.3	1.666	2.665	2.9	19.9
5 1	14 1.14	−17 57.0	1.660	2.661	3.1	19.9
5 11	13 53.34	−17 7.3	1.682	2.658	7.0	20.2
5 21	13 47.12	−16 20.2	1.729	2.655	10.9	20.4
5 31	13 43.08	−15 41.2	1.797	2.652	14.3	20.6

58 Concordia 4 24.0 18°.19 2°.5/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 28.71	− 9 7.8	1.718	2.587	13.3	12.9
4 1	14 24.07	− 8 15.6	1.651	2.588	9.6	12.6
4 11	14 17.44	− 7 16.6	1.607	2.589	5.6	12.4
4 21	14 9.56	− 6 16.2	1.590	2.591	2.5	12.2
5 1	14 1.44	− 5 20.8	1.599	2.592	4.8	12.4
5 11	13 54.10	− 4 36.3	1.635	2.594	8.8	12.6
5 21	13 48.34	− 4 7.0	1.695	2.596	12.6	12.8
5 31	13 44.74	− 3 55.0	1.775	2.598	15.8	13.0

493588 2015 MK_{20} 4 24.0 11°.43 0°.9/23.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.34	−10 41.1	2.083	2.936	11.9	20.9
4 1	14 25.74	−10 37.3	2.008	2.937	8.7	20.6
4 11	14 18.33	−10 28.5	1.957	2.937	5.0	20.4
4 21	14 9.77	−10 16.9	1.934	2.937	1.3	20.2
5 1	14 0.94	−10 5.6	1.939	2.937	3.2	20.3
5 11	13 52.74	− 9 58.1	1.972	2.938	7.0	20.5
5 21	13 45.94	− 9 57.3	2.031	2.938	10.5	20.7
5 31	13 41.09	−10 5.1	2.112	2.939	13.5	20.9

279388 2010 CK_{98} 4 24.0 227°.90 2°.8/21.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 28.84	− 7 16.3	1.994	2.859	11.9	20.9
4 1	14 23.96	− 6 24.9	1.922	2.856	8.6	20.7
4 11	14 17.30	− 5 28.8	1.873	2.854	5.2	20.5
4 21	14 9.53	− 4 33.0	1.852	2.851	2.8	20.3
5 1	14 1.52	− 3 43.0	1.859	2.848	4.8	20.4
5 11	13 54.16	− 3 3.8	1.893	2.845	8.4	20.6
5 21	13 48.17	− 2 38.8	1.952	2.842	11.8	20.8
5 31	13 44.10	− 2 29.8	2.032	2.839	14.7	21.0

464102 2014 WV_{407} 4 24.0 50°.50 2°.6/22.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 32.20	− 7 57.0	1.463	2.336	15.0	20.1
4 1	14 26.76	− 7 30.5	1.411	2.350	10.8	19.9
4 11	14 19.02	− 6 59.6	1.382	2.364	6.3	19.7
4 21	14 9.93	− 6 29.1	1.377	2.378	2.7	19.5
5 1	14 0.69	− 6 4.5	1.399	2.393	5.1	19.6
5 11	13 52.50	− 5 50.7	1.446	2.408	9.4	19.9
5 21	13 46.26	− 5 50.6	1.515	2.424	13.4	20.2
5 31	13 42.51	− 6 5.3	1.605	2.439	16.8	20.5

508123 2015 DR_{229} 4 24.0 195°.51 5°.4/18.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.00	+ 4 18.5	2.473	3.326	10.3	21.3
4 1	14 25.18	+ 5 1.2	2.405	3.324	8.0	21.2
4 11	14 17.87	+ 5 39.1	2.363	3.321	6.0	21.0
4 21	14 9.65	+ 6 7.6	2.349	3.318	5.5	21.0
5 1	14 1.26	+ 6 22.8	2.363	3.315	6.8	21.1
5 11	13 53.43	+ 6 22.4	2.405	3.311	9.1	21.2
5 21	13 46.78	+ 6 6.0	2.470	3.307	11.5	21.4
5 31	13 41.76	+ 5 34.1	2.557	3.302	13.6	21.5

463615 2013 TQ_{8} 4 24.0 315°.88 4°.4/26.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.55	−21 6.9	1.303	2.156	17.7	20.8
4 1	14 27.48	−21 46.8	1.205	2.126	13.9	20.4
4 11	14 20.19	−22 11.4	1.128	2.097	9.5	20.1
4 21	14 10.37	−22 18.3	1.072	2.068	5.3	19.8
5 1	13 59.33	−22 7.5	1.041	2.039	5.3	19.7
5 11	13 48.82	−21 43.6	1.033	2.012	9.9	19.8
5 21	13 40.42	−21 14.1	1.046	1.985	15.1	20.0
5 31	13 35.32	−20 47.6	1.078	1.959	19.9	20.2

160286 2003 BC_{40} 4 24.0 335°.27 4°.0/21.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 30.04	− 5 15.6	1.579	2.454	13.9	20.2
4 1	14 25.22	− 4 24.9	1.512	2.451	10.2	20.0
4 11	14 18.18	− 3 30.8	1.468	2.448	6.3	19.8
4 21	14 9.76	− 2 39.7	1.450	2.446	4.0	19.6
5 1	14 1.02	− 1 58.2	1.457	2.444	6.3	19.7
5 11	13 53.11	− 1 31.9	1.491	2.442	10.2	20.0
5 21	13 46.92	− 1 23.9	1.546	2.440	14.1	20.2
5 31	13 43.08	− 1 34.9	1.621	2.438	17.4	20.4

757 Portlandia 4 24.0 140°.57 1°.1/24.8 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 35.89	−16 18.5	1.719	2.562	14.5	14.2
4 1	14 29.41	−16 22.5	1.649	2.570	10.8	14.0
4 11	14 20.60	−16 15.4	1.602	2.577	6.6	13.8
4 21	14 10.32	−15 58.6	1.581	2.583	2.1	13.5
5 1	13 59.73	−15 35.5	1.588	2.590	3.2	13.6
5 11	13 50.04	−15 10.9	1.623	2.596	7.6	13.9
5 21	13 42.19	−14 49.9	1.683	2.601	11.7	14.1
5 31	13 36.82	−14 36.8	1.764	2.606	15.1	14.4

171038 2005 EH_{77} 4 24.0 101°.19 0°.2/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.61	−15 40.5	1.599	2.451	15.0	21.7
4 1	14 27.70	−15 11.9	1.540	2.467	11.0	21.5
4 11	14 19.54	−14 30.6	1.504	2.482	6.4	21.3
4 21	14 10.05	−13 40.6	1.494	2.498	1.6	21.0
5 1	14 0.41	−12 47.4	1.511	2.512	3.3	21.1
5 11	13 51.80	−11 57.7	1.555	2.527	8.0	21.4
5 21	13 45.09	−11 17.3	1.623	2.541	12.1	21.7
5 31	13 40.84	−10 50.0	1.713	2.554	15.5	22.0

56804 2000 PP_{12} 4 24.0 240°.84 3°.0/20.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 26.82	− 5 44.6	2.403	3.266	10.2	19.3
4 1	14 22.26	− 4 43.2	2.325	3.258	7.4	19.1
4 11	14 16.23	− 3 38.3	2.272	3.250	4.6	18.9
4 21	14 9.29	− 2 34.6	2.248	3.242	3.0	18.8
5 1	14 2.12	− 1 37.1	2.252	3.234	4.8	18.9
5 11	13 55.46	− 0 50.4	2.284	3.226	7.7	19.1
5 21	13 49.91	− 0 17.5	2.342	3.217	10.6	19.3
5 31	13 45.94	− 0 0.0	2.421	3.209	13.2	19.4

251918 1999 VV_{158} 4 24.0 145°.95 1°.8/23.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 40.70	− 6 58.0	1.881	2.727	13.3	20.5
4 1	14 32.65	− 7 12.4	1.811	2.736	9.7	20.3
4 11	14 22.39	− 7 25.3	1.766	2.744	5.7	20.1
4 21	14 10.75	− 7 38.7	1.750	2.752	2.0	19.9
5 1	13 58.84	− 7 54.8	1.764	2.759	4.0	20.0
5 11	13 47.81	− 8 16.0	1.807	2.766	8.1	20.3
5 21	13 38.58	− 8 43.8	1.876	2.772	11.8	20.5
5 31	13 31.75	− 9 19.4	1.968	2.778	15.0	20.7

342998 2009 BF_{71} 4 24.0 74°.83 0°.3/24.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 28.91	−16 4.7	2.035	2.882	12.4	20.4
4 1	14 23.94	−15 34.0	1.970	2.894	9.1	20.2
4 11	14 17.24	−14 52.7	1.929	2.906	5.4	20.0
4 21	14 9.52	−14 3.9	1.915	2.918	1.4	19.7
5 1	14 1.66	−13 12.2	1.929	2.930	2.7	19.8
5 11	13 54.52	−12 23.0	1.971	2.942	6.6	20.1
5 21	13 48.81	−11 40.8	2.038	2.954	10.1	20.3
5 31	13 45.00	−11 9.2	2.129	2.966	13.1	20.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
287374 2002 *VR*			4 24.0 52°.69		0°.1/23.9 17	
	h m	° ′			°	m
3 22	14 29.79	−14 26.1	1.806	2.661	13.4	21.3
4 1	14 24.67	−14 0.5	1.753	2.682	9.7	21.1
4 11	14 17.67	−13 25.3	1.723	2.702	5.6	20.9
4 21	14 9.62	−12 43.9	1.720	2.723	1.3	20.6
5 1	14 1.48	−12 1.3	1.744	2.745	3.1	20.8
5 11	13 54.22	−11 22.7	1.795	2.766	7.2	21.1
5 21	13 48.55	−10 52.4	1.871	2.788	10.8	21.4
5 31	13 44.97	−10 33.4	1.969	2.809	13.9	21.6
80642 2000 AN_{223}			4 24.0 290°.30		4°.9/20.6 17	
3 22	14 31.20	− 3 14.2	1.533	2.408	14.2	19.2
4 1	14 26.26	− 2 23.7	1.456	2.395	10.6	19.0
4 11	14 18.92	− 1 31.3	1.403	2.381	6.8	18.7
4 21	14 9.98	− 0 43.7	1.374	2.367	4.9	18.6
5 1	14 0.55	− 0 7.9	1.372	2.354	7.2	18.7
5 11	13 51.88	+ 0 10.2	1.394	2.340	11.2	18.9
5 21	13 44.98	+ 0 7.9	1.438	2.327	15.2	19.1
5 31	13 40.56	− 0 15.2	1.501	2.313	18.7	19.3
335202 2005 EH_{134}			4 24.0 190°.34		2°.9/20.8 17	
3 22	14 28.63	− 5 33.3	2.589	3.446	9.8	22.1
4 1	14 23.44	− 4 35.0	2.514	3.444	7.1	21.9
4 11	14 16.86	− 3 33.9	2.465	3.442	4.4	21.7
4 21	14 9.45	− 2 34.3	2.445	3.440	2.9	21.6
5 1	14 1.85	− 1 40.6	2.455	3.437	4.5	21.7
5 11	13 54.76	− 0 57.0	2.494	3.433	7.3	21.9
5 21	13 48.75	− 0 26.2	2.558	3.429	10.0	22.1
5 31	13 44.26	− 0 9.4	2.645	3.424	12.4	22.2
128130 2003 QU_{44}			4 24.0 278°.33		7°.0/28.9 18	
3 22	14 34.35	−31 35.8	1.993	2.771	15.2	19.9
4 1	14 28.67	−32 23.9	1.891	2.753	12.7	19.6
4 11	14 20.46	−32 53.4	1.811	2.735	10.0	19.4
4 21	14 10.39	−33 0.9	1.755	2.716	7.8	19.2
5 1	13 59.55	−32 45.4	1.725	2.697	7.1	19.2
5 11	13 49.23	−32 9.9	1.721	2.678	8.7	19.2
5 21	13 40.59	−31 20.5	1.742	2.659	11.5	19.3
5 31	13 34.47	−30 25.1	1.785	2.640	14.5	19.5
299282 2005 OX_{16}			4 24.0 181°.31		1°.9/26.1 18	
3 22	14 27.94	−21 34.6	2.504	3.325	11.2	20.7
4 1	14 23.09	−21 10.5	2.420	3.326	8.5	20.5
4 11	14 16.72	−20 33.7	2.361	3.326	5.5	20.3
4 21	14 9.42	−19 45.9	2.329	3.326	2.6	20.1
5 1	14 1.91	−18 50.5	2.326	3.325	2.6	20.1
5 11	13 54.95	−17 52.0	2.351	3.325	5.5	20.3
5 21	13 49.16	−16 55.2	2.404	3.324	8.5	20.5
5 31	13 45.02	−16 4.7	2.481	3.324	11.3	20.7
275607 1999 XG_{79}			4 24.0 242°.55		3°.6/21.1 18	
3 22	14 31.16	− 3 37.0	2.068	2.930	11.7	20.4
4 1	14 25.64	− 3 4.2	1.991	2.922	8.6	20.2
4 11	14 18.31	− 2 30.6	1.938	2.915	5.4	20.0
4 21	14 9.81	− 2 0.5	1.912	2.907	3.6	19.9
5 1	14 1.01	− 1 38.6	1.915	2.898	5.4	20.0
5 11	13 52.82	− 1 28.4	1.945	2.890	8.6	20.1
5 21	13 45.99	− 1 31.9	2.000	2.881	11.9	20.3
5 31	13 41.09	− 1 50.0	2.076	2.872	14.8	20.5
159547 2001 SW_{65}			4 24.0 255°.90		3°.3/21.4 17	
3 22	14 32.64	− 8 15.2	1.646	2.512	13.9	21.1
4 1	14 27.31	− 7 9.3	1.556	2.491	10.2	20.8
4 11	14 19.57	− 5 54.0	1.489	2.470	6.1	20.5
4 21	14 10.16	− 4 35.5	1.449	2.448	3.3	20.3
5 1	14 0.16	− 3 21.9	1.436	2.425	5.9	20.4
5 11	13 50.80	− 2 21.0	1.449	2.402	10.3	20.6
5 21	13 43.12	− 1 38.6	1.486	2.378	14.7	20.8
5 31	13 37.89	− 1 17.9	1.543	2.353	18.4	20.9
113152 2002 RC_{96}			4 24.0 323°.04		2°.0/25.2 17	
3 22	14 28.58	−17 56.6	1.240	2.109	17.4	19.2
4 1	14 25.12	−18 0.1	1.153	2.086	13.2	18.9
4 11	14 18.67	−17 46.9	1.086	2.064	8.3	18.5
4 21	14 10.00	−17 17.7	1.041	2.043	3.2	18.2
5 1	14 0.46	−16 36.8	1.020	2.022	4.0	18.1
5 11	13 51.65	−15 51.7	1.022	2.003	9.6	18.4
5 21	13 44.98	−15 10.7	1.045	1.985	15.0	18.6
5 31	13 41.43	−14 41.6	1.087	1.968	19.8	18.8
391767 2008 FW_9			4 24.0 298°.16		3°.6/20.2 17	
3 22	14 26.52	− 3 59.6	2.281	3.148	10.5	21.0
4 1	14 22.07	− 2 59.8	2.211	3.145	7.7	20.9
4 11	14 16.14	− 1 58.3	2.167	3.143	4.9	20.7
4 21	14 9.29	− 0 59.9	2.150	3.141	3.6	20.6
5 1	14 2.25	− 0 9.8	2.161	3.139	5.3	20.7
5 11	13 55.76	+ 0 27.9	2.199	3.137	8.2	20.9
5 21	13 50.44	+ 0 50.5	2.262	3.135	11.0	21.0
5 31	13 46.74	+ 0 57.1	2.347	3.133	13.6	21.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
459535 2013 GE_2			4 24.0 4°.72		1°.1/24.5 17	
	h m	° ′			°	m
3 22	14 30.18	−14 52.9	1.021	1.905	19.0	20.8
4 1	14 26.39	−15 9.5	0.962	1.904	14.1	20.5
4 11	14 19.34	−15 12.6	0.922	1.904	8.5	20.2
4 21	14 10.12	−15 4.1	0.903	1.906	2.5	19.9
5 1	14 0.34	−14 48.5	0.906	1.909	4.2	20.0
5 11	13 51.80	−14 33.0	0.931	1.913	10.2	20.3
5 21	13 45.82	−14 23.9	0.977	1.919	15.6	20.6
5 31	13 43.22	−14 26.4	1.040	1.926	20.1	20.9
242479 Marijampole			4 24.0 285°.86		1°.7/25.2 17	
3 22	14 30.37	−19 57.4	1.411	2.265	16.5	20.0
4 1	14 26.10	−19 23.5	1.321	2.246	12.6	19.7
4 11	14 19.06	−18 28.2	1.252	2.227	7.9	19.4
4 21	14 10.08	−17 13.6	1.206	2.208	2.9	19.0
5 1	14 0.40	−15 46.0	1.186	2.188	3.7	19.0
5 11	13 51.49	−14 15.2	1.191	2.169	9.0	19.3
5 21	13 44.56	−12 51.6	1.220	2.150	14.2	19.5
5 31	13 40.48	−11 43.6	1.268	2.131	18.6	19.7
299797 2006 SA_{97}			4 24.0 264°.91		1°.3/25.1 16	
3 22	14 31.60	−17 6.6	2.281	3.115	11.7	20.9
4 1	14 26.00	−17 16.0	2.188	3.104	8.8	20.7
4 11	14 18.57	−17 16.6	2.120	3.092	5.5	20.4
4 21	14 9.91	−17 9.0	2.079	3.080	2.1	20.2
5 1	14 0.85	−16 55.4	2.068	3.068	2.6	20.2
5 11	13 52.28	−16 39.2	2.084	3.056	6.2	20.4
5 21	13 44.99	−16 23.9	2.127	3.044	9.7	20.6
5 31	13 39.56	−16 13.3	2.194	3.032	12.7	20.8
504085 2006 BW_{196}			4 24.0 305°.87		8°.3/15.5 17	
3 22	14 26.91	+ 5 17.5	1.738	2.613	12.9	20.3
4 1	14 22.80	+ 7 10.7	1.677	2.603	10.3	20.2
4 11	14 16.75	+ 8 59.2	1.640	2.594	8.5	20.0
4 21	14 9.47	+10 33.6	1.628	2.584	8.6	20.0
5 1	14 1.90	+11 45.2	1.642	2.575	10.6	20.1
5 11	13 55.03	+12 28.7	1.679	2.567	13.3	20.2
5 21	13 49.66	+12 42.9	1.736	2.558	16.1	20.4
5 31	13 46.35	+12 29.4	1.810	2.550	18.6	20.6
262061 2006 RX_{34}			4 24.0 267°.08		2°.1/22.6 17	
3 22	14 33.20	− 9 22.4	1.701	2.562	13.8	21.3
4 1	14 27.70	− 8 53.8	1.609	2.543	10.1	21.0
4 11	14 19.80	− 8 18.1	1.541	2.522	5.9	20.7
4 21	14 10.25	− 7 39.2	1.499	2.502	2.2	20.4
5 1	14 0.08	− 7 2.7	1.485	2.480	4.6	20.5
5 11	13 50.53	− 6 34.2	1.497	2.459	9.2	20.7
5 21	13 42.62	− 6 18.1	1.533	2.437	13.5	20.9
5 31	13 37.12	− 6 17.5	1.589	2.415	17.3	21.1
320251 2007 MG_{16}			4 24.0 259°.05		5°.5/18.5 18	
3 22	14 29.94	+ 2 1.6	2.232	3.093	11.0	20.9
4 1	14 24.72	+ 3 4.9	2.148	3.073	8.4	20.7
4 11	14 17.79	+ 4 6.4	2.089	3.053	6.2	20.5
4 21	14 9.73	+ 5 0.3	2.057	3.031	5.6	20.4
5 1	14 1.32	+ 5 41.0	2.053	3.010	7.3	20.5
5 11	13 53.39	+ 6 4.6	2.076	2.988	10.0	20.6
5 21	13 46.68	+ 6 9.1	2.122	2.965	12.8	20.7
5 31	13 41.74	+ 5 54.4	2.188	2.942	15.3	20.9
368885 2006 SM_{55}			4 24.0 310°.63		7°.2/17.7 17	
3 22	14 26.13	− 2 53.0	1.288	2.180	15.3	20.0
4 1	14 23.04	− 0 51.0	1.205	2.150	11.5	19.7
4 11	14 17.31	+ 1 21.0	1.144	2.121	8.2	19.4
4 21	14 9.69	+ 3 31.1	1.107	2.092	7.5	19.3
5 1	14 1.35	+ 5 25.1	1.095	2.064	10.5	19.3
5 11	13 53.70	+ 6 51.1	1.105	2.036	15.0	19.5
5 21	13 47.91	+ 7 42.1	1.134	2.008	19.4	19.7
5 31	13 44.86	+ 7 56.8	1.178	1.982	23.3	19.8
267214 2000 TP_{59}			4 24.0 239°.16		5°.7/18.9 18	
3 22	14 32.20	+ 3 7.3	2.206	3.063	11.2	20.7
4 1	14 26.35	+ 3 58.4	2.126	3.048	8.7	20.6
4 11	14 18.72	+ 4 45.9	2.071	3.033	6.4	20.4
4 21	14 9.95	+ 5 24.3	2.044	3.017	5.8	20.3
5 1	14 0.85	+ 5 48.8	2.044	3.001	7.4	20.4
5 11	13 52.30	+ 5 55.8	2.072	2.984	10.0	20.5
5 21	13 45.04	+ 5 44.4	2.123	2.966	12.8	20.7
5 31	13 39.63	+ 5 14.9	2.194	2.948	15.3	20.8
382238 Euphemus			4 24.0 250°.52		2°.9/29.1 18	
3 22	14 23.23	−29 40.5	4.515	5.280	7.5	20.8
4 1	14 19.21	−29 42.0	4.417	5.275	6.1	20.7
4 11	14 14.32	−29 34.2	4.345	5.270	4.6	20.6
4 21	14 8.88	−29 17.3	4.299	5.265	3.3	20.5
5 1	14 3.30	−28 52.3	4.283	5.261	2.9	20.5
5 11	13 57.99	−28 21.1	4.295	5.256	3.8	20.5
5 21	13 53.31	−27 46.0	4.336	5.251	5.2	20.6
5 31	13 49.58	−27 9.5	4.403	5.246	6.7	20.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
346518 2008 US_{162}			4 24.0 291°.75		2°.1/25.5 17	
	h m	° ′			°	m
3 22	14 32.16	−18 42.5	1.866	2.704	13.8	20.5
4 1	14 26.74	−18 54.1	1.782	2.698	10.4	20.3
4 11	14 19.14	−18 53.8	1.721	2.692	6.6	20.0
4 21	14 10.07	−18 42.2	1.686	2.685	2.9	19.8
5 1	14 0.56	−18 21.8	1.679	2.679	3.2	19.8
5 11	13 51.71	−17 56.9	1.698	2.673	7.1	20.0
5 21	13 44.45	−17 32.6	1.743	2.667	11.0	20.2
5 31	13 39.46	−17 13.6	1.810	2.661	14.4	20.4
488636 2002 WY_{12}			4 24.0 97°.37		8°.2/20.5 17	
3 22	14 50.80	+ 6 27.5	1.420	2.263	17.1	22.8
4 1	14 39.74	+ 7 6.4	1.394	2.305	13.1	22.7
4 11	14 26.22	+ 7 32.2	1.391	2.346	9.6	22.6
4 21	14 11.61	+ 7 38.6	1.416	2.386	8.2	22.6
5 1	13 57.48	+ 7 21.7	1.468	2.423	9.8	22.8
5 11	13 45.21	+ 6 42.1	1.547	2.459	12.8	23.1
5 21	13 35.63	+ 5 43.1	1.650	2.493	15.9	23.3
5 31	13 29.14	+ 4 29.2	1.771	2.525	18.4	23.6
279979 2001 TS_{134}			4 24.0 148°.39		4°.1/27.1 18	
3 22	14 35.53	−25 11.9	1.679	2.496	16.0	20.8
4 1	14 29.34	−25 9.9	1.606	2.504	12.5	20.6
4 11	14 20.67	−24 47.5	1.555	2.512	8.7	20.3
4 21	14 10.43	−24 5.1	1.528	2.518	5.0	20.1
5 1	13 59.87	−23 6.3	1.529	2.525	4.5	20.1
5 11	13 50.29	−21 58.0	1.557	2.531	7.7	20.3
5 21	13 42.70	−20 48.7	1.609	2.536	11.6	20.6
5 31	13 37.74	−19 45.9	1.684	2.540	15.1	20.8
466320 2013 QO_{78}			4 24.0 299°.06		2°.5/22.4 17	
3 22	14 31.51	− 9 11.7	1.465	2.337	15.0	20.8
4 1	14 26.90	− 8 38.9	1.369	2.308	11.1	20.5
4 11	14 19.58	− 7 57.6	1.295	2.278	6.6	20.1
4 21	14 10.26	− 7 12.2	1.245	2.248	2.6	19.8
5 1	14 0.09	− 6 29.3	1.222	2.217	5.4	19.9
5 11	13 50.47	− 5 56.1	1.223	2.187	10.5	20.1
5 21	13 42.64	− 5 38.3	1.246	2.158	15.4	20.3
5 31	13 37.54	− 5 39.4	1.288	2.128	19.8	20.5
464139 2014 XO_{1}			4 24.0 164°.67		4°.5/27.4 17	
3 22	14 33.64	−25 44.7	1.786	2.600	15.3	21.3
4 1	14 27.95	−25 58.8	1.707	2.602	12.1	21.1
4 11	14 19.88	−25 54.1	1.651	2.603	8.6	20.9
4 21	14 10.26	−25 30.3	1.618	2.605	5.4	20.7
5 1	14 0.23	−24 49.5	1.613	2.606	4.8	20.6
5 11	13 51.02	−23 57.3	1.634	2.607	7.6	20.8
5 21	13 43.63	−23 1.0	1.681	2.608	11.1	21.0
5 31	13 38.73	−22 7.8	1.750	2.608	14.5	21.2
459665 2013 KV_{15}			4 24.0 315°.09		11°.3/16.1 17	
3 22	14 30.70	+ 8 52.2	1.257	2.137	16.4	20.5
4 1	14 26.40	+10 18.4	1.189	2.114	13.6	20.3
4 11	14 19.26	+11 34.0	1.141	2.092	11.6	20.1
4 21	14 10.16	+12 27.0	1.115	2.071	11.6	20.0
5 1	14 0.41	+12 47.1	1.110	2.050	13.8	20.1
5 11	13 51.53	+12 29.5	1.126	2.030	17.1	20.2
5 21	13 44.73	+11 34.8	1.161	2.011	20.7	20.4
5 31	13 40.85	+10 7.9	1.209	1.993	23.9	20.5
438379 2006 TH_{98}			4 24.0 248°.27		0°.1/24.1 18	
3 22	14 29.06	−14 34.9	2.418	3.261	10.9	22.0
4 1	14 24.01	−14 14.4	2.326	3.249	8.0	21.8
4 11	14 17.35	−13 45.7	2.260	3.238	4.7	21.5
4 21	14 9.64	−13 11.0	2.222	3.226	1.1	21.2
5 1	14 1.63	−12 33.6	2.213	3.214	2.5	21.3
5 11	13 54.10	−11 57.6	2.233	3.201	6.1	21.5
5 21	13 47.72	−11 26.7	2.279	3.189	9.4	21.7
5 31	13 43.02	−11 4.3	2.348	3.176	12.3	21.9
153077 2000 QY_{231}			4 24.0 141°.89		6°.9/28.3 18	
3 22	14 40.17	−29 50.7	1.975	2.753	15.3	19.7
4 1	14 32.81	−31 3.8	1.894	2.758	12.6	19.5
4 11	14 22.82	−31 59.8	1.836	2.762	9.8	19.4
4 21	14 10.99	−32 34.7	1.804	2.766	7.5	19.2
5 1	13 58.53	−32 47.0	1.799	2.769	6.9	19.2
5 11	13 46.79	−32 39.4	1.821	2.773	8.6	19.3
5 21	13 36.92	−32 17.4	1.868	2.776	11.3	19.5
5 31	13 29.73	−31 48.5	1.938	2.779	14.0	19.7
417734 2007 CR_{52}			4 24.0 91°.26		6°.4/19.1 18	
3 22	14 32.96	+ 2 48.1	1.782	2.647	13.1	20.3
4 1	14 26.87	+ 3 49.3	1.741	2.667	9.9	20.2
4 11	14 18.94	+ 4 44.4	1.724	2.688	7.3	20.1
4 21	14 9.98	+ 5 27.3	1.733	2.707	6.5	20.0
5 1	14 1.02	+ 5 52.5	1.768	2.727	8.1	20.2
5 11	13 53.01	+ 5 57.3	1.830	2.746	10.9	20.4
5 21	13 46.66	+ 5 41.9	1.914	2.765	13.7	20.6
5 31	13 42.45	+ 5 7.9	2.017	2.784	16.1	20.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
409803 2006 HL_{47}			4 24.0 4°.51		3°.2/21.8 17	
	h m	° ′			°	m
3 22	14 26.30	−10 59.4	1.101	1.992	17.3	20.6
4 1	14 23.20	− 9 40.7	1.043	1.991	12.5	20.3
4 11	14 17.32	− 8 7.8	1.005	1.991	7.2	20.0
4 21	14 9.67	− 6 30.3	0.991	1.993	3.2	19.8
5 1	14 1.67	− 4 59.9	1.000	1.995	6.4	20.0
5 11	13 54.79	− 3 47.6	1.031	1.998	11.7	20.3
5 21	13 50.12	− 3 0.4	1.083	2.002	16.5	20.6
5 31	13 48.32	− 2 40.7	1.152	2.007	20.6	20.8
420813 2013 HD_{27}			4 24.0 274°.27		1°.3/24.8 17	
3 22	14 34.42	−16 29.8	1.557	2.408	15.4	21.1
4 1	14 28.93	−16 33.6	1.465	2.389	11.6	20.8
4 11	14 20.71	−16 25.0	1.394	2.370	7.2	20.5
4 21	14 10.53	−16 5.0	1.348	2.350	2.4	20.2
5 1	13 59.57	−15 36.8	1.329	2.330	3.5	20.2
5 11	13 49.26	−15 6.1	1.335	2.310	8.6	20.4
5 21	13 40.81	−14 38.9	1.366	2.290	13.4	20.7
5 31	13 35.11	−14 21.1	1.417	2.270	17.6	20.9
469204 2016 GK_{193}			4 24.0 306°.98		4°.7/19.8 18	
3 22	14 26.70	− 6 49.9	1.542	2.422	13.9	20.5
4 1	14 23.13	− 5 10.0	1.448	2.390	10.2	20.2
4 11	14 17.24	− 3 17.9	1.378	2.359	6.5	19.9
4 21	14 9.69	− 1 22.3	1.333	2.328	4.7	19.7
5 1	14 1.50	+ 0 26.2	1.315	2.296	7.5	19.7
5 11	13 53.88	+ 1 57.1	1.322	2.266	11.9	19.9
5 21	13 47.86	+ 3 2.9	1.351	2.235	16.3	20.1
5 31	13 44.24	+ 3 40.1	1.397	2.205	20.1	20.2
305595 2008 YD_{106}			4 24.1 264°.56		4°.0/21.4 18	
3 22	14 32.60	− 5 44.4	1.441	2.316	15.0	20.8
4 1	14 27.36	− 4 57.2	1.372	2.311	11.0	20.5
4 11	14 19.61	− 4 5.9	1.325	2.305	6.8	20.2
4 21	14 10.22	− 3 16.8	1.303	2.300	4.0	20.1
5 1	14 0.41	− 2 37.2	1.306	2.295	6.5	20.2
5 11	13 51.49	− 2 13.1	1.335	2.289	10.8	20.4
5 21	13 44.52	− 2 8.0	1.386	2.284	15.1	20.6
5 31	13 40.18	− 2 22.9	1.455	2.279	18.7	20.9
38099 1999 JE_{14}			4 24.1 199°.69		1°.7/22.9 18	
3 22	14 35.08	− 9 39.9	1.799	2.655	13.4	19.5
4 1	14 28.79	− 9 18.0	1.722	2.652	9.8	19.2
4 11	14 20.29	− 8 50.1	1.669	2.649	5.7	19.0
4 21	14 10.37	− 8 19.7	1.642	2.645	1.9	18.7
5 1	14 0.07	− 7 51.4	1.644	2.640	4.1	18.9
5 11	13 50.53	− 7 30.0	1.673	2.635	8.4	19.1
5 21	13 42.66	− 7 19.1	1.727	2.629	12.4	19.3
5 31	13 37.11	− 7 21.2	1.802	2.623	15.8	19.5
303861 2005 SQ_{250}			4 24.1 205°.04		1°.3/22.5 18	
3 22	14 27.89	− 9 25.3	2.929	3.777	9.0	21.6
4 1	14 22.84	− 8 54.3	2.845	3.772	6.5	21.4
4 11	14 16.53	− 8 19.1	2.788	3.767	3.8	21.3
4 21	14 9.45	− 7 42.6	2.759	3.761	1.4	21.1
5 1	14 2.17	− 7 7.9	2.761	3.755	2.9	21.2
5 11	13 55.32	− 6 38.0	2.792	3.748	5.8	21.4
5 21	13 49.40	− 6 15.7	2.850	3.741	8.4	21.5
5 31	13 44.83	− 6 2.7	2.932	3.734	10.8	21.7
191142 2002 GM_{102}			4 24.1 100°.69		0°.4/23.7 17	
3 22	14 29.08	−14 53.9	1.866	2.720	13.1	20.3
4 1	14 24.26	−14 5.0	1.796	2.725	9.6	20.1
4 11	14 17.56	−13 4.5	1.750	2.730	5.5	19.8
4 21	14 9.70	−11 56.8	1.731	2.735	1.3	19.6
5 1	14 1.63	−10 47.6	1.739	2.739	3.3	19.7
5 11	13 54.32	− 9 43.7	1.775	2.744	7.4	20.0
5 21	13 48.53	− 8 50.3	1.837	2.749	11.2	20.2
5 31	13 44.79	− 8 11.4	1.920	2.753	14.4	20.4
170366 2003 SJ_{216}			4 24.1 206°.03		0°.2/23.9 16	
3 22	14 33.67	−14 19.0	2.046	2.889	12.6	21.3
4 1	14 27.60	−13 51.7	1.960	2.883	9.2	21.1
4 11	14 19.54	−13 14.6	1.899	2.877	5.4	20.8
4 21	14 10.19	−12 30.3	1.866	2.869	1.3	20.5
5 1	14 0.48	−11 43.3	1.861	2.861	3.1	20.6
5 11	13 51.42	−10 58.7	1.885	2.852	7.2	20.9
5 21	13 43.83	−10 21.4	1.935	2.843	11.0	21.1
5 31	13 38.31	− 9 55.1	2.008	2.832	14.2	21.3
429129 2009 SP_{341}			4 24.1 148°.65		0°.1/24.0 17	
3 22	14 32.09	−14 34.7	2.279	3.119	11.5	22.9
4 1	14 26.13	−14 9.9	2.207	3.129	8.4	22.7
4 11	14 18.52	−13 36.7	2.161	3.138	4.9	22.5
4 21	14 9.92	−12 57.5	2.143	3.147	1.2	22.2
5 1	14 1.15	−12 16.3	2.155	3.155	2.7	22.3
5 11	13 53.05	−11 37.4	2.195	3.162	6.3	22.6
5 21	13 46.28	−11 4.6	2.262	3.169	9.6	22.8
5 31	13 41.35	−10 41.2	2.352	3.176	12.4	23.0

182092 2000 JE_{41} 4 24.1 307°.62 3°.5/21.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 31.73	− 6 5.7	1.479	2.353	14.7	19.5
4 1	14 27.05	− 5 39.0	1.383	2.322	10.9	19.2
4 11	14 19.67	− 5 8.1	1.309	2.291	6.7	18.9
4 21	14 10.31	− 4 37.9	1.260	2.260	3.6	18.6
5 1	14 0.09	− 4 14.7	1.237	2.229	6.1	18.7
5 11	13 50.40	− 4 4.5	1.238	2.198	10.9	18.9
5 21	13 42.47	− 4 11.3	1.261	2.168	15.7	19.0
5 31	13 37.23	− 4 37.1	1.304	2.138	19.9	19.2

507590 2013 BP_{37} 4 24.1 89°.93 0°.4/23.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 27.72	−13 17.1	2.400	3.248	10.7	21.7
4 1	14 22.92	−12 48.7	2.328	3.255	7.8	21.6
4 11	14 16.64	−12 13.2	2.282	3.261	4.5	21.4
4 21	14 9.48	−11 33.3	2.264	3.268	1.0	21.1
5 1	14 2.16	−10 52.8	2.274	3.274	2.7	21.2
5 11	13 55.41	−10 15.8	2.313	3.280	6.1	21.5
5 21	13 49.83	− 9 45.7	2.379	3.287	9.2	21.7
5 31	13 45.86	− 9 25.1	2.467	3.293	11.8	21.9

122670 2000 RU_{101} 4 24.1 165°.63 4°.2/28.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 32.25	−28 28.8	2.338	3.126	13.0	20.3
4 1	14 26.43	−28 22.3	2.255	3.131	10.4	20.1
4 11	14 18.78	−27 58.1	2.194	3.135	7.5	19.9
4 21	14 10.01	−27 16.6	2.160	3.139	5.0	19.8
5 1	14 0.99	−26 20.0	2.154	3.142	4.3	19.7
5 11	13 52.65	−25 13.5	2.176	3.145	6.3	19.9
5 21	13 45.74	−24 3.2	2.226	3.147	9.1	20.0
5 31	13 40.80	−22 55.3	2.300	3.149	11.8	20.2

434475 2005 QP_{117} 4 24.1 245°.70 0°.7/23.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 28.20	−12 26.4	2.605	3.451	10.1	22.1
4 1	14 23.28	−11 56.5	2.512	3.438	7.3	21.9
4 11	14 16.90	−11 19.7	2.446	3.425	4.2	21.7
4 21	14 9.57	−10 38.9	2.407	3.411	1.1	21.4
5 1	14 1.96	− 9 57.4	2.398	3.397	2.7	21.5
5 11	13 54.78	− 9 19.1	2.418	3.382	6.0	21.7
5 21	13 48.65	− 8 47.6	2.465	3.367	9.1	21.9
5 31	13 44.06	− 8 25.6	2.535	3.352	11.8	22.1

38533 1999 UQ_{33} 4 24.1 356°.10 0°.1/24.0 17 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 27.39	−14 26.3	2.030	2.884	12.2	18.8
4 1	14 22.99	−14 5.0	1.954	2.882	8.9	18.6
4 11	14 16.83	−13 34.7	1.901	2.880	5.2	18.3
4 21	14 9.55	−12 58.0	1.876	2.879	1.2	18.0
5 1	14 2.01	−12 19.0	1.878	2.879	2.8	18.2
5 11	13 55.10	−11 42.6	1.907	2.878	6.8	18.4
5 21	13 49.53	−11 12.8	1.961	2.878	10.3	18.6
5 31	13 45.84	−10 53.2	2.038	2.879	13.4	18.8

175885 1999 VE_{211} 4 24.1 242°.34 0°.6/23.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.45	−14 14.7	1.735	2.590	13.9	21.0
4 1	14 26.30	−13 35.0	1.651	2.580	10.2	20.7
4 11	14 18.92	−12 43.0	1.590	2.570	6.0	20.4
4 21	14 10.08	−11 42.7	1.556	2.560	1.4	20.1
5 1	14 0.81	−10 39.8	1.549	2.549	3.6	20.2
5 11	13 52.25	− 9 41.3	1.569	2.538	8.2	20.5
5 21	13 45.33	− 8 53.2	1.614	2.526	12.4	20.7
5 31	13 40.73	− 8 19.9	1.680	2.515	16.1	20.9

16132 Angelakim 4 24.1 331°.92 1°.5/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 29.05	−17 44.3	1.308	2.174	16.8	17.5
4 1	14 25.20	−17 34.4	1.231	2.163	12.7	17.2
4 11	14 18.57	−17 7.7	1.174	2.152	7.8	16.9
4 21	14 10.03	−16 26.3	1.140	2.142	2.7	16.5
5 1	14 0.89	−15 35.4	1.131	2.133	3.7	16.6
5 11	13 52.63	−14 43.1	1.145	2.125	9.1	16.8
5 21	13 46.44	−13 57.4	1.182	2.117	14.1	17.1
5 31	13 43.13	−13 24.8	1.238	2.111	18.4	17.3

120402 2005 RY_{8} 4 24.1 286°.48 1°.3/22.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 27.89	−11 5.6	2.241	3.096	11.1	20.1
4 1	14 23.31	−10 30.2	2.146	3.077	8.1	19.9
4 11	14 17.03	− 9 47.6	2.076	3.057	4.7	19.6
4 21	14 9.62	− 9 1.1	2.034	3.037	1.5	19.3
5 1	14 1.85	− 8 15.1	2.020	3.017	3.4	19.5
5 11	13 54.53	− 7 34.3	2.035	2.997	7.1	19.6
5 21	13 48.40	− 7 2.7	2.074	2.977	10.6	19.8
5 31	13 44.02	− 6 43.2	2.136	2.957	13.6	20.0

426930 2013 XT_{10} 4 24.1 219°.79 2°.4/26.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 30.43	−21 48.8	1.965	2.793	13.6	21.2
4 1	14 25.36	−21 34.7	1.882	2.791	10.4	21.0
4 11	14 18.28	−21 5.1	1.823	2.789	6.8	20.7
4 21	14 9.92	−20 21.3	1.789	2.786	3.3	20.5
5 1	14 1.22	−19 27.0	1.783	2.783	3.2	20.5
5 11	13 53.22	−18 28.0	1.805	2.781	6.7	20.7
5 21	13 46.74	−17 30.4	1.853	2.778	10.4	20.9
5 31	13 42.38	−16 40.2	1.923	2.775	13.7	21.1

434415 2005 JM_{170} 4 24.1 95°.57 0°.1/24.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 31.98	−14 3.4	2.174	3.017	11.9	21.5
4 1	14 26.07	−13 51.4	2.113	3.036	8.7	21.3
4 11	14 18.48	−13 31.6	2.077	3.054	5.1	21.1
4 21	14 9.93	−13 6.5	2.068	3.072	1.2	20.9
5 1	14 1.26	−12 39.5	2.089	3.090	2.7	21.0
5 11	13 53.33	−12 14.4	2.138	3.107	6.3	21.3
5 21	13 46.81	−11 54.8	2.213	3.124	9.6	21.5
5 31	13 42.17	−11 43.3	2.312	3.141	12.4	21.7

347881 2002 TG_{85} 4 24.1 172°.34 6°.8/17.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 32.52	− 6 43.7	1.229	2.111	16.5	20.7
4 1	14 27.46	− 3 43.4	1.171	2.114	12.1	20.4
4 11	14 19.69	− 0 30.2	1.138	2.116	8.0	20.2
4 21	14 10.26	+ 2 39.2	1.131	2.118	7.0	20.1
5 1	14 0.57	+ 5 26.5	1.151	2.119	10.3	20.3
5 11	13 52.03	+ 7 38.2	1.196	2.119	14.7	20.5
5 21	13 45.71	+ 9 8.2	1.261	2.119	18.9	20.8
5 31	13 42.24	+ 9 57.4	1.342	2.118	22.3	21.0

125343 2001 VA_{54} 4 24.1 56°.59 2°.3/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 34.95	−18 19.1	1.291	2.148	17.6	19.6
4 1	14 29.38	−18 31.3	1.230	2.155	13.3	19.4
4 11	14 20.91	−18 27.6	1.189	2.163	8.3	19.1
4 21	14 10.58	−18 9.1	1.171	2.172	3.3	18.9
5 1	13 59.86	−17 39.8	1.179	2.180	3.9	18.9
5 11	13 50.30	−17 6.5	1.211	2.189	8.9	19.2
5 21	13 43.08	−16 36.4	1.266	2.198	13.6	19.5
5 31	13 38.90	−16 15.5	1.341	2.207	17.6	19.8

135067 2001 PU_{24} 4 24.1 177°.89 4°.4/19.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 27.74	− 0 18.2	2.486	3.348	10.0	19.9
4 1	14 22.86	+ 0 48.0	2.420	3.349	7.4	19.8
4 11	14 16.60	+ 1 53.3	2.381	3.350	5.2	19.6
4 21	14 9.51	+ 2 52.6	2.370	3.350	4.5	19.6
5 1	14 2.25	+ 3 41.1	2.387	3.350	6.0	19.7
5 11	13 55.54	+ 4 15.4	2.432	3.350	8.4	19.8
5 21	13 49.92	+ 4 33.5	2.501	3.350	10.9	20.0
5 31	13 45.83	+ 4 35.3	2.591	3.349	13.1	20.2

300131 2006 VU_{50} 4 24.1 216°.07 4°.1/19.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 30.53	+ 1 53.4	2.854	3.704	9.2	20.9
4 1	14 24.77	+ 2 23.3	2.775	3.696	6.9	20.8
4 11	14 17.68	+ 2 50.2	2.724	3.688	4.9	20.6
4 21	14 9.77	+ 3 10.7	2.701	3.679	4.2	20.6
5 1	14 1.66	+ 3 21.7	2.707	3.670	5.4	20.6
5 11	13 53.99	+ 3 21.0	2.742	3.660	7.6	20.8
5 21	13 47.32	+ 3 7.7	2.803	3.650	9.9	20.9
5 31	13 42.08	+ 2 41.9	2.886	3.640	12.0	21.0

142481 2002 TU_{22} 4 24.1 14°.17 0°.1/24.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 29.31	−15 18.0	1.300	2.171	16.5	18.9
4 1	14 25.16	−14 51.1	1.237	2.173	12.2	18.7
4 11	14 18.40	−14 9.7	1.195	2.176	7.2	18.4
4 21	14 9.98	−13 17.9	1.176	2.180	1.7	18.1
5 1	14 1.21	−12 22.6	1.183	2.185	3.8	18.2
5 11	13 53.47	−11 31.7	1.214	2.190	9.1	18.5
5 21	13 47.80	−10 52.2	1.267	2.196	13.8	18.8
5 31	13 44.88	−10 28.6	1.339	2.202	17.8	19.1

296744 2009 TZ_{43} 4 24.1 130°.43 2°.3/21.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 29.42	− 9 52.0	1.974	2.834	12.2	21.3
4 1	14 24.37	− 8 43.6	1.909	2.843	8.8	21.1
4 11	14 17.57	− 7 28.1	1.869	2.850	5.1	20.9
4 21	14 9.75	− 6 10.9	1.857	2.858	2.3	20.7
5 1	14 1.77	− 4 58.6	1.874	2.865	4.5	20.8
5 11	13 54.52	− 3 57.1	1.918	2.872	8.1	21.1
5 21	13 48.70	− 3 10.5	1.987	2.879	11.5	21.3
5 31	13 44.81	− 2 41.1	2.078	2.885	14.4	21.5

464213 2015 BD_{171} 4 24.1 252°.15 3°.5/21.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 30.34	− 5 46.1	1.859	2.726	12.5	21.6
4 1	14 25.29	− 4 52.2	1.781	2.716	9.2	21.3
4 11	14 18.26	− 3 54.1	1.726	2.706	5.7	21.1
4 21	14 9.94	− 2 57.5	1.699	2.695	3.6	20.9
5 1	14 1.27	− 2 8.3	1.699	2.684	5.6	21.0
5 11	13 53.25	− 1 32.0	1.725	2.673	9.3	21.2
5 21	13 46.71	− 1 12.1	1.776	2.662	12.9	21.4
5 31	13 42.25	− 1 10.2	1.847	2.651	16.0	21.6

215200 2000 SB_{134} 4 24.1 187°.31 0°.9/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 27.64	−18 46.9	2.640	3.469	10.5	20.7
4 1	14 22.82	−18 11.6	2.555	3.469	7.8	20.5
4 11	14 16.60	−17 25.5	2.497	3.468	4.8	20.3
4 21	14 9.52	−16 30.9	2.466	3.467	1.7	20.1
5 1	14 2.25	−15 31.4	2.464	3.466	2.2	20.1
5 11	13 55.49	−14 31.5	2.492	3.464	5.4	20.3
5 21	13 49.82	−13 35.7	2.548	3.462	8.4	20.5
5 31	13 45.68	−12 47.7	2.627	3.460	11.0	20.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
214798 2006 US_{188}			4 24.1 37°.79	7°.5/ 1.7 18		
	h m	° ′			°	m
3 22	14 29.89	−36 10.5	1.933	2.696	16.1	19.3
4 1	14 25.16	−36 26.4	1.864	2.709	13.6	19.1
4 11	14 18.22	−36 17.2	1.814	2.722	11.0	19.0
4 21	14 9.92	−35 41.6	1.787	2.736	8.6	18.8
5 1	14 1.39	−34 41.5	1.785	2.750	7.5	18.8
5 11	13 53.76	−33 22.9	1.808	2.764	8.4	18.9
5 21	13 47.92	−31 53.8	1.856	2.779	10.5	19.0
5 31	13 44.45	−30 23.1	1.928	2.794	13.0	19.2
363241 2002 AO_{113}			4 24.1 119°.04	1°.3/25.1 18		
3 22	14 35.32	−18 42.6	1.695	2.533	14.9	22.1
4 1	14 28.93	−18 16.5	1.633	2.551	11.1	21.9
4 11	14 20.32	−17 35.5	1.595	2.568	6.8	21.7
4 21	14 10.41	−16 42.5	1.583	2.585	2.3	21.4
5 1	14 0.36	−15 42.7	1.599	2.601	3.1	21.5
5 11	13 51.33	−14 43.2	1.643	2.616	7.5	21.8
5 21	13 44.19	−13 50.4	1.712	2.631	11.5	22.1
5 31	13 39.49	−13 9.2	1.802	2.645	14.9	22.3
455922 2005 UC_{268}			4 24.1 251°.11	1°.2/23.3 17		
3 22	14 35.76	−11 34.7	1.543	2.402	15.1	21.5
4 1	14 29.86	−11 13.4	1.454	2.385	11.1	21.2
4 11	14 21.25	−10 42.6	1.387	2.368	6.5	20.9
4 21	14 10.72	−10 5.7	1.346	2.350	1.7	20.5
5 1	13 59.50	− 9 28.1	1.333	2.331	4.3	20.6
5 11	13 48.97	− 8 56.0	1.345	2.312	9.5	20.9
5 21	13 40.33	− 8 34.9	1.381	2.292	14.2	21.1
5 31	13 34.42	− 8 28.8	1.437	2.272	18.3	21.3
382007 2010 UD_{107}			4 24.1 328°.43	17°.8/ 8.1 18		
3 22	14 36.77	−48 38.8	1.152	1.880	26.7	20.2
4 1	14 32.75	−50 11.0	1.083	1.878	24.5	20.0
4 11	14 23.92	−51 0.2	1.026	1.876	22.1	19.8
4 21	14 11.47	−50 54.2	0.984	1.873	19.8	19.6
5 1	13 57.83	−49 46.2	0.957	1.871	18.2	19.5
5 11	13 45.93	−47 40.5	0.948	1.870	17.9	19.5
5 21	13 37.95	−44 52.4	0.958	1.868	19.0	19.5
5 31	13 34.94	−41 43.2	0.986	1.867	21.3	19.7
363255 2002 CA_{199}			4 24.1 14°.23	1°.9/25.1 17		
3 22	14 30.60	−17 28.5	1.104	1.978	18.7	20.9
4 1	14 26.54	−17 35.6	1.045	1.980	14.0	20.6
4 11	14 19.41	−17 25.7	1.005	1.984	8.7	20.3
4 21	14 10.27	−17 0.7	0.988	1.990	3.2	20.0
5 1	14 0.67	−16 25.8	0.993	1.996	4.0	20.1
5 11	13 52.28	−15 48.9	1.021	2.003	9.6	20.4
5 21	13 46.35	−15 18.0	1.071	2.011	14.7	20.7
5 31	13 43.61	−14 59.1	1.139	2.020	19.0	21.0
201435 2003 BQ_{89}			4 24.1 21°.50	0°.8/23.6 18		
3 22	14 31.19	−13 16.3	1.145	2.025	17.7	20.4
4 1	14 26.79	−12 50.0	1.087	2.028	13.0	20.1
4 11	14 19.47	−12 10.4	1.049	2.032	7.5	19.8
4 21	14 10.27	−11 22.6	1.033	2.037	1.8	19.4
5 1	14 0.69	−10 34.0	1.041	2.042	4.5	19.6
5 11	13 52.30	− 9 52.9	1.073	2.048	10.2	20.0
5 21	13 46.26	− 9 25.9	1.126	2.055	15.2	20.3
5 31	13 43.26	− 9 16.6	1.197	2.062	19.4	20.5
504236 2006 UF_{238}			4 24.1 141°.89	0°.6/23.4 17		
3 22	14 28.22	−12 48.4	2.703	3.547	9.8	22.7
4 1	14 23.13	−12 14.5	2.631	3.555	7.1	22.6
4 11	14 16.73	−11 34.3	2.585	3.564	4.1	22.4
4 21	14 9.56	−10 50.5	2.569	3.572	1.0	22.2
5 1	14 2.26	−10 6.7	2.582	3.580	2.6	22.3
5 11	13 55.48	− 9 26.6	2.624	3.587	5.6	22.5
5 21	13 49.76	− 8 53.3	2.693	3.595	8.5	22.7
5 31	13 45.50	− 8 29.2	2.786	3.601	10.9	22.9
162010 1993 UN_{6}			4 24.1 149°.18	3°.6/21.4 18		
3 22	14 34.40	− 5 29.5	1.748	2.610	13.4	21.0
4 1	14 28.19	− 4 44.2	1.685	2.618	9.8	20.8
4 11	14 19.89	− 3 56.1	1.647	2.626	6.0	20.5
4 21	14 10.34	− 3 10.8	1.636	2.633	3.6	20.4
5 1	14 0.59	− 2 33.9	1.653	2.639	5.6	20.6
5 11	13 51.71	− 2 10.3	1.696	2.645	9.4	20.8
5 21	13 44.55	− 2 2.4	1.763	2.650	13.0	21.0
5 31	13 39.66	− 2 11.1	1.851	2.655	16.0	21.2
310483 2000 SZ_{289}			4 24.1 157°.29	0°.2/24.2 16		
3 22	14 33.28	−16 23.9	1.805	2.650	13.9	21.4
4 1	14 27.43	−15 43.8	1.734	2.657	10.2	21.2
4 11	14 19.48	−14 50.5	1.686	2.663	6.0	20.9
4 21	14 10.25	−13 47.8	1.665	2.669	1.5	20.6
5 1	14 0.79	−12 41.3	1.673	2.674	3.1	20.8
5 11	13 52.16	−11 37.7	1.708	2.678	7.5	21.0
5 21	13 45.23	−10 43.2	1.768	2.681	11.5	21.3
5 31	13 40.56	−10 2.2	1.851	2.684	14.9	21.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
184978 2006 BM_{121}			4 24.1 328°.96	1°.0/25.7 18		
	h m	° ′			°	m
3 22	14 22.67	−19 1.3	4.183	5.003	7.1	20.6
4 1	14 18.84	−18 51.4	4.095	5.002	5.3	20.5
4 11	14 14.16	−18 35.4	4.033	5.000	3.3	20.4
4 21	14 8.97	−18 14.3	4.000	4.999	1.4	20.2
5 1	14 3.65	−17 49.6	3.997	4.997	1.5	20.2
5 11	13 58.61	−17 23.5	4.023	4.996	3.5	20.4
5 21	13 54.20	−16 58.0	4.078	4.994	5.5	20.5
5 31	13 50.71	−16 35.2	4.158	4.993	7.2	20.6
218301 2003 SG_{198}			4 24.1 167°.39	3°.1/27.8 18		
3 22	14 27.92	−26 21.9	3.013	3.805	10.2	20.3
4 1	14 22.98	−26 20.7	2.926	3.807	8.1	20.1
4 11	14 16.70	−26 7.1	2.864	3.809	5.8	19.9
4 21	14 9.59	−25 41.6	2.828	3.810	3.7	19.8
5 1	14 2.28	−25 6.1	2.822	3.812	3.3	19.8
5 11	13 55.43	−24 23.6	2.844	3.813	5.0	19.9
5 21	13 49.59	−23 38.1	2.894	3.814	7.3	20.0
5 31	13 45.19	−22 53.6	2.969	3.815	9.5	20.2
366555 2002 RX_{67}			4 24.1 244°.37	1°.0/24.9 17		
3 22	14 32.42	−18 24.4	1.992	2.828	13.1	21.7
4 1	14 26.92	−17 55.0	1.894	2.811	9.9	21.5
4 11	14 19.31	−17 11.3	1.820	2.793	6.1	21.2
4 21	14 10.27	−16 15.4	1.772	2.774	2.0	20.9
5 1	14 0.73	−15 11.6	1.753	2.755	2.9	20.9
5 11	13 51.77	−14 6.1	1.762	2.735	7.1	21.1
5 21	13 44.27	−13 5.4	1.798	2.714	11.2	21.3
5 31	13 38.92	−12 14.9	1.855	2.692	14.7	21.5
287501 2003 BS_{38}			4 24.1 20°.53	3°.7/27.3 17		
3 22	14 29.04	−24 48.2	1.937	2.758	14.1	20.3
4 1	14 24.41	−24 50.7	1.862	2.761	11.0	20.1
4 11	14 17.78	−24 36.2	1.808	2.765	7.7	19.9
4 21	14 9.88	−24 5.2	1.780	2.769	4.6	19.8
5 1	14 1.69	−23 20.7	1.779	2.774	4.0	19.7
5 11	13 54.23	−22 28.0	1.804	2.779	6.7	19.9
5 21	13 48.31	−21 33.4	1.855	2.784	10.1	20.1
5 31	13 44.52	−20 42.9	1.928	2.790	13.2	20.3
285319 1999 BD_{31}			4 24.1 106°.57	1°.7/22.3 17		
3 22	14 26.87	− 8 31.4	2.682	3.537	9.5	20.9
4 1	14 22.19	− 7 59.8	2.611	3.541	6.9	20.7
4 11	14 16.22	− 7 24.7	2.566	3.545	4.0	20.6
4 21	14 9.48	− 6 49.1	2.549	3.549	1.7	20.4
5 1	14 2.59	− 6 16.5	2.561	3.554	3.3	20.5
5 11	13 56.19	− 5 50.0	2.602	3.558	6.1	20.7
5 21	13 50.80	− 5 32.2	2.669	3.562	8.9	20.9
5 31	13 46.84	− 5 24.5	2.759	3.566	11.2	21.1
63699 2001 QG_{181}			4 24.1 253°.33	0°.9/23.4 18		
3 22	14 31.84	−10 32.7	2.407	3.253	10.8	18.5
4 1	14 26.10	−10 27.4	2.314	3.239	7.9	18.3
4 11	14 18.66	−10 17.5	2.247	3.225	4.6	18.1
4 21	14 10.10	−10 5.0	2.207	3.211	1.2	17.8
5 1	14 1.17	− 9 52.8	2.198	3.196	3.0	17.9
5 11	13 52.70	− 9 43.8	2.217	3.181	6.5	18.1
5 21	13 45.39	− 9 40.9	2.263	3.165	9.8	18.3
5 31	13 39.82	− 9 46.0	2.332	3.150	12.7	18.5
216891 2009 DN_{43}			4 24.1 178°.74	3°.1/18.3 18		
3 22	14 21.54	+ 3 42.9	4.566	5.419	5.9	20.5
4 1	14 17.91	+ 4 17.7	4.500	5.419	4.6	20.4
4 11	14 13.58	+ 4 49.8	4.462	5.419	3.4	20.4
4 21	14 8.84	+ 5 17.1	4.452	5.419	3.2	20.3
5 1	14 4.03	+ 5 37.6	4.472	5.419	4.0	20.4
5 11	13 59.46	+ 5 49.9	4.519	5.419	5.3	20.5
5 21	13 55.44	+ 5 53.3	4.592	5.419	6.7	20.6
5 31	13 52.21	+ 5 47.4	4.688	5.419	8.0	20.7
309346 2007 TR_{44}			4 24.1 86°.09	0°.1/24.0 18		
3 22	14 34.44	−14 22.4	1.482	2.340	15.6	21.3
4 1	14 28.53	−14 2.4	1.425	2.355	11.4	21.0
4 11	14 20.21	−13 31.0	1.391	2.371	6.7	20.8
4 21	14 10.46	−12 51.7	1.382	2.386	1.6	20.5
5 1	14 0.52	−12 10.1	1.400	2.401	3.6	20.7
5 11	13 51.67	−11 32.5	1.444	2.416	8.4	21.0
5 21	13 44.85	−11 4.4	1.511	2.430	12.7	21.3
5 31	13 40.64	−10 49.2	1.599	2.445	16.3	21.5
350741 2001 YG_{37}			4 24.1 158°.55	3°.0/21.1 18		
3 22	14 29.69	− 3 21.4	2.606	3.461	9.8	20.8
4 1	14 24.24	− 2 50.8	2.537	3.466	7.1	20.6
4 11	14 17.42	− 2 20.1	2.495	3.470	4.5	20.5
4 21	14 9.78	− 1 52.7	2.481	3.474	3.0	20.4
5 1	14 1.98	− 1 32.0	2.496	3.477	4.5	20.5
5 11	13 54.72	− 1 20.7	2.540	3.480	7.1	20.7
5 21	13 48.55	− 1 20.4	2.610	3.483	9.7	20.8
5 31	13 43.90	− 1 31.7	2.702	3.486	12.0	21.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
374394 2005 VQ_{14}			4 24.1 249°.97		1°.0/24.8 17	
	h m	° ′			°	m
3 22	14 32.46	−16 59.8	1.937	2.778	13.2	22.0
4 1	14 26.98	−16 48.6	1.845	2.765	9.9	21.8
4 11	14 19.36	−16 25.7	1.776	2.751	6.1	21.5
4 21	14 10.30	−15 52.8	1.734	2.736	2.0	21.2
5 1	14 0.75	−15 13.3	1.720	2.722	2.9	21.3
5 11	13 51.79	−14 32.5	1.734	2.707	7.2	21.5
5 21	13 44.33	−13 55.6	1.773	2.691	11.2	21.7
5 31	13 39.06	−13 27.5	1.835	2.676	14.7	21.9
118064 4292 T_{-2}			4 24.1 226°.34		1°.6/22.7 18	
3 22	14 30.18	−10 40.8	1.959	2.817	12.4	19.9
4 1	14 25.10	−10 2.3	1.881	2.813	9.0	19.7
4 11	14 18.14	− 9 16.5	1.828	2.809	5.2	19.5
4 21	14 9.98	− 8 27.4	1.802	2.805	1.7	19.2
5 1	14 1.52	− 7 40.1	1.804	2.800	3.9	19.4
5 11	13 53.72	− 6 59.9	1.834	2.796	7.8	19.6
5 21	13 47.36	− 6 30.8	1.888	2.791	11.4	19.8
5 31	13 42.98	− 6 15.5	1.964	2.786	14.6	20.0
232088 2001 WA_{94}			4 24.1 95°.14		0°.8/23.1 17	
3 22	14 25.98	−10 55.7	3.303	4.148	8.2	21.6
4 1	14 21.30	−10 32.1	3.240	4.166	5.9	21.4
4 11	14 15.61	−10 4.7	3.204	4.183	3.4	21.3
4 21	14 9.34	− 9 35.7	3.197	4.200	1.0	21.1
5 1	14 2.99	− 9 7.6	3.220	4.217	2.3	21.2
5 11	13 57.08	− 8 43.0	3.273	4.234	4.8	21.4
5 21	13 52.00	− 8 23.9	3.353	4.250	7.1	21.6
5 31	13 48.10	− 8 12.0	3.457	4.267	9.1	21.8
176782 2002 RG_{272}			4 24.1 230°.08		2°.4/22.1 17	
3 22	14 30.90	− 9 42.9	1.672	2.538	13.7	21.0
4 1	14 25.89	− 8 48.2	1.598	2.534	10.0	20.8
4 11	14 18.70	− 7 45.2	1.548	2.529	5.8	20.5
4 21	14 10.13	− 6 39.4	1.523	2.525	2.5	20.3
5 1	14 1.21	− 5 37.6	1.526	2.520	4.9	20.4
5 11	13 53.07	− 4 46.7	1.556	2.515	9.2	20.7
5 21	13 46.59	− 4 11.3	1.609	2.510	13.2	20.9
5 31	13 42.41	− 3 54.3	1.682	2.505	16.6	21.1
175462 2006 QC_{99}			4 24.1 237°.38		1°.3/24.9 17	
3 22	14 34.68	−17 1.8	1.797	2.638	14.1	20.6
4 1	14 28.75	−17 3.2	1.709	2.628	10.6	20.3
4 11	14 20.47	−16 52.9	1.644	2.618	6.5	20.1
4 21	14 10.58	−16 32.1	1.605	2.607	2.3	19.8
5 1	14 0.15	−16 3.9	1.594	2.596	3.1	19.8
5 11	13 50.39	−15 33.2	1.610	2.584	7.6	20.0
5 21	13 42.30	−15 5.5	1.652	2.572	11.8	20.3
5 31	13 36.63	−14 45.5	1.715	2.559	15.4	20.5
502925 2015 EZ_{27}			4 24.1 50°.38		3°.3/21.2 17	
3 22	14 28.74	− 7 4.3	1.791	2.660	12.8	21.1
4 1	14 24.09	− 6 2.8	1.726	2.664	9.3	20.9
4 11	14 17.54	− 4 56.4	1.686	2.667	5.6	20.7
4 21	14 9.83	− 3 51.0	1.672	2.670	3.3	20.6
5 1	14 1.91	− 2 53.2	1.686	2.674	5.4	20.7
5 11	13 54.75	− 2 8.6	1.726	2.677	9.1	20.9
5 21	13 49.10	− 1 40.8	1.789	2.681	12.6	21.2
5 31	13 45.49	− 1 31.3	1.874	2.684	15.6	21.4
13752 Grantstokes			4 24.1 276°.70		2°.6/25.7 18	
3 22	14 34.30	−19 28.6	1.687	2.525	15.0	18.9
4 1	14 28.79	−19 43.5	1.590	2.505	11.5	18.6
4 11	14 20.67	−19 44.9	1.516	2.485	7.5	18.3
4 21	14 10.67	−19 32.6	1.466	2.465	3.5	18.0
5 1	13 59.90	−19 8.7	1.444	2.444	3.7	18.0
5 11	13 49.72	−18 38.0	1.448	2.424	8.0	18.2
5 21	13 41.27	−18 6.6	1.477	2.403	12.5	18.4
5 31	13 35.44	−17 40.8	1.527	2.382	16.4	18.6
109327 2001 QU_{140}			4 24.1 249°.11		2°.5/26.7 18	
3 22	14 28.75	−23 26.3	2.433	3.247	11.7	19.6
4 1	14 23.91	−23 3.8	2.336	3.235	9.1	19.4
4 11	14 17.40	−22 26.7	2.263	3.223	6.1	19.2
4 21	14 9.81	−21 36.1	2.216	3.210	3.2	19.0
5 1	14 1.91	−20 35.1	2.199	3.197	2.9	18.9
5 11	13 54.51	−19 28.8	2.210	3.184	5.8	19.1
5 21	13 48.32	−18 22.4	2.248	3.170	8.9	19.3
5 31	13 43.86	−17 21.4	2.310	3.157	11.9	19.4
399854 2005 UJ_{269}			4 24.1 206°.82		0°.7/23.6 17	
3 22	14 34.26	−13 30.5	1.463	2.324	15.6	21.8
4 1	14 28.68	−12 59.9	1.389	2.321	11.5	21.5
4 11	14 20.49	−12 17.2	1.338	2.318	6.7	21.3
4 21	14 10.58	−11 26.3	1.311	2.315	1.6	20.9
5 1	14 0.23	−10 33.7	1.311	2.312	4.0	21.1
5 11	13 50.80	− 9 46.5	1.337	2.308	9.2	21.4
5 21	13 43.38	− 9 10.9	1.387	2.303	13.8	21.6
5 31	13 38.68	− 8 51.2	1.456	2.299	17.7	21.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
513111 2017 WK_{26}			4 24.1 184°.73		4°.6/19.1 17	
	h m	° ′			°	m
3 22	14 28.20	+ 0 27.8	2.461	3.322	10.1	22.1
4 1	14 23.25	+ 1 26.7	2.395	3.322	7.6	21.9
4 11	14 16.89	+ 2 24.0	2.355	3.322	5.4	21.8
4 21	14 9.67	+ 3 14.8	2.342	3.322	4.6	21.8
5 1	14 2.28	+ 3 54.4	2.358	3.321	6.1	21.8
5 11	13 55.43	+ 4 19.8	2.401	3.320	8.5	22.0
5 21	13 49.70	+ 4 29.2	2.468	3.318	11.0	22.2
5 31	13 45.51	+ 4 22.5	2.557	3.317	13.2	22.3
199576 2006 EZ_{72}			4 24.1 149°.31		1°.0/24.9 17	
3 22	14 32.14	−17 11.0	2.162	2.997	12.2	21.1
4 1	14 26.38	−17 2.4	2.087	3.003	9.1	20.9
4 11	14 18.82	−16 43.4	2.036	3.009	5.6	20.7
4 21	14 10.15	−16 15.9	2.012	3.014	1.9	20.4
5 1	14 1.23	−15 43.1	2.018	3.019	2.6	20.5
5 11	13 52.98	−15 9.4	2.051	3.024	6.3	20.7
5 21	13 46.13	−14 38.9	2.111	3.028	9.8	21.0
5 31	13 41.23	−14 15.6	2.195	3.032	12.7	21.2
310953 2003 UH_{54}			4 24.1 249°.91		3°.7/26.8 18	
3 22	14 33.11	−24 1.0	1.716	2.540	15.4	20.4
4 1	14 27.81	−23 58.5	1.625	2.528	12.1	20.2
4 11	14 20.01	−23 36.9	1.555	2.516	8.3	19.9
4 21	14 10.49	−22 56.1	1.510	2.503	4.6	19.7
5 1	14 0.40	−21 59.2	1.492	2.490	4.2	19.6
5 11	13 51.02	−20 52.5	1.501	2.476	7.8	19.8
5 21	13 43.43	−19 44.2	1.534	2.463	11.9	20.0
5 31	13 38.40	−18 42.1	1.590	2.449	15.7	20.2
381589 2008 UC_{333}			4 24.1 249°.88		4°.0/27.4 18	R
3 22	14 32.67	−29 20.5	1.154	1.985	20.9	20.4
4 1	14 28.37	−27 55.4	1.068	1.975	16.6	20.1
4 11	14 20.67	−25 45.5	1.001	1.964	11.4	19.8
4 21	14 10.67	−22 52.4	0.957	1.952	5.9	19.4
5 1	14 0.05	−19 27.4	0.938	1.940	4.7	19.3
5 11	13 50.67	−15 51.4	0.946	1.927	10.1	19.6
5 21	13 43.92	−12 27.3	0.977	1.915	16.1	19.8
5 31	13 40.64	− 9 32.9	1.029	1.901	21.3	20.1
153208 2000 XP_{3}			4 24.1 255°.80		2°.5/25.8 18	
3 22	14 35.00	−19 32.5	2.038	2.865	13.2	20.1
4 1	14 28.88	−19 54.4	1.941	2.849	10.2	19.9
4 11	14 20.53	−20 5.2	1.868	2.834	6.6	19.6
4 21	14 10.61	−20 4.8	1.821	2.818	3.2	19.4
5 1	14 0.11	−19 54.5	1.803	2.802	3.3	19.3
5 11	13 50.12	−19 37.8	1.813	2.785	7.0	19.5
5 21	13 41.62	−19 19.1	1.849	2.768	10.7	19.7
5 31	13 35.33	−19 3.4	1.908	2.751	14.1	19.9
346361 2008 RP_{140}			4 24.1 198°.73		0°.4/24.5 18	
3 22	14 30.28	−16 35.7	2.172	3.012	12.0	21.6
4 1	14 25.06	−16 4.3	2.090	3.010	8.9	21.4
4 11	14 18.07	−15 21.8	2.032	3.008	5.3	21.2
4 21	14 9.98	−14 30.9	2.002	3.005	1.5	20.9
5 1	14 1.62	−13 35.8	2.000	3.001	2.6	21.0
5 11	13 53.87	−12 41.8	2.027	2.997	6.5	21.2
5 21	13 47.45	−11 53.8	2.080	2.993	10.0	21.4
5 31	13 42.91	−11 15.9	2.156	2.989	13.1	21.6
328473 2009 FW_{56}			4 24.1 96°.17		10°.5/21.5 17	
3 22	14 50.18	+10 4.7	1.089	1.945	20.2	20.0
4 1	14 40.64	+10 4.1	1.040	1.956	16.1	19.8
4 11	14 27.50	+ 9 41.9	1.012	1.967	12.4	19.6
4 21	14 12.23	+ 8 50.5	1.006	1.977	10.5	19.6
5 1	13 56.85	+ 7 27.5	1.026	1.988	12.0	19.7
5 11	13 43.33	+ 5 36.6	1.069	1.998	15.6	19.9
5 21	13 33.01	+ 3 25.6	1.134	2.008	19.5	20.2
5 31	13 26.52	+ 1 2.5	1.217	2.018	22.9	20.4
292980 2006 VZ_{150}			4 24.1 180°.46		2°.0/25.9 18	
3 22	14 30.82	−20 4.5	2.486	3.308	11.3	20.7
4 1	14 25.31	−20 9.9	2.402	3.309	8.6	20.5
4 11	14 18.18	−20 4.9	2.343	3.309	5.5	20.3
4 21	14 10.02	−19 50.2	2.312	3.309	2.6	20.1
5 1	14 1.58	−19 28.0	2.309	3.309	2.7	20.1
5 11	13 53.67	−19 1.6	2.336	3.308	5.6	20.3
5 21	13 46.96	−18 34.9	2.389	3.308	8.7	20.5
5 31	13 41.98	−18 11.7	2.466	3.307	11.4	20.7
219746 2001 XQ_{239}			4 24.1 203°.69		0°.4/24.5 18	
3 22	14 32.40	−15 54.6	2.499	3.330	10.9	21.6
4 1	14 26.43	−15 33.4	2.408	3.324	8.1	21.4
4 11	14 18.83	−15 3.2	2.343	3.318	4.8	21.2
4 21	14 10.17	−14 25.8	2.307	3.310	1.3	20.9
5 1	14 1.23	−13 44.6	2.301	3.302	2.4	21.0
5 11	13 52.80	−13 3.7	2.324	3.293	5.9	21.2
5 21	13 45.56	−12 27.1	2.375	3.283	9.2	21.4
5 31	13 40.04	−11 58.3	2.450	3.272	12.0	21.5

30319 2000 JT_{16} 4 24.1 332°.34 3°.5/21.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 30.19	− 4 4.5	1.976	2.841	12.0	18.0
4 1	14 25.05	− 3 32.7	1.905	2.839	8.8	17.8
4 11	14 18.09	− 3 0.2	1.859	2.837	5.5	17.6
4 21	14 10.00	− 2 31.1	1.839	2.835	3.5	17.4
5 1	14 1.64	− 2 10.1	1.848	2.833	5.3	17.5
5 11	13 53.95	− 2 0.9	1.883	2.831	8.6	17.7
5 21	13 47.66	− 2 5.3	1.942	2.829	11.9	17.9
5 31	13 43.31	− 2 24.1	2.023	2.828	14.8	18.1

377838 2006 BL_{142} 4 24.1 96°.18 2°.2/25.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 32.36	−20 20.8	1.924	2.755	13.7	21.1
4 1	14 26.71	−20 16.3	1.856	2.768	10.4	20.9
4 11	14 19.08	−19 57.9	1.812	2.780	6.6	20.7
4 21	14 10.23	−19 27.3	1.794	2.792	3.0	20.5
5 1	14 1.17	−18 47.8	1.803	2.804	3.1	20.5
5 11	13 52.91	−18 4.6	1.841	2.816	6.7	20.8
5 21	13 46.27	−17 23.4	1.904	2.827	10.3	21.0
5 31	13 41.78	−16 48.9	1.989	2.838	13.4	21.2

170448 2003 UX_{163} 4 24.1 170°.66 4°.0/21.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.43	− 4 33.7	1.711	2.576	13.5	20.2
4 1	14 27.61	− 3 48.8	1.645	2.579	9.9	20.0
4 11	14 19.66	− 3 1.8	1.602	2.580	6.2	19.8
4 21	14 10.38	− 2 18.4	1.587	2.582	4.0	19.6
5 1	14 0.83	− 1 44.5	1.598	2.583	6.0	19.8
5 11	13 52.11	− 1 24.7	1.636	2.584	9.7	20.0
5 21	13 45.09	− 1 21.6	1.697	2.584	13.4	20.2
5 31	13 40.36	− 1 35.8	1.779	2.584	16.5	20.4

68875 2002 JT_{40} 4 24.1 190°.04 0°.6/24.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 32.52	−18 9.1	1.965	2.802	13.2	19.3
4 1	14 26.84	−17 19.0	1.883	2.801	9.8	19.1
4 11	14 19.18	−16 14.1	1.825	2.799	5.9	18.8
4 21	14 10.27	−14 57.8	1.794	2.797	1.7	18.5
5 1	14 1.07	−13 35.9	1.792	2.794	2.9	18.6
5 11	13 52.61	−12 15.4	1.819	2.790	7.1	18.9
5 21	13 45.69	−11 3.2	1.873	2.785	11.0	19.1
5 31	13 40.89	−10 4.2	1.949	2.780	14.3	19.3

300096 2006 UB_{255} 4 24.1 201°.45 0°.5/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 28.90	−12 38.1	2.681	3.524	9.9	21.4
4 1	14 23.75	−12 13.9	2.597	3.521	7.2	21.2
4 11	14 17.21	−11 43.6	2.539	3.517	4.2	21.0
4 21	14 9.78	−11 9.5	2.510	3.513	1.0	20.8
5 1	14 2.14	−10 34.7	2.510	3.509	2.5	20.9
5 11	13 54.97	−10 2.8	2.540	3.504	5.7	21.1
5 21	13 48.85	− 9 36.8	2.596	3.499	8.7	21.3
5 31	13 44.22	− 9 19.3	2.676	3.494	11.2	21.5

82427 2001 NA_{21} 4 24.1 207°.82 2°.8/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 30.12	−23 39.4	2.475	3.285	11.7	19.4
4 1	14 24.87	−23 34.6	2.386	3.281	9.1	19.2
4 11	14 17.96	−23 16.4	2.320	3.277	6.2	19.0
4 21	14 9.98	−22 45.4	2.282	3.273	3.5	18.8
5 1	14 1.72	−22 4.1	2.272	3.269	3.2	18.8
5 11	13 53.98	−21 16.6	2.291	3.264	5.7	18.9
5 21	13 47.48	−20 27.6	2.337	3.259	8.7	19.1
5 31	13 42.72	−19 41.9	2.407	3.253	11.5	19.3

207407 2006 BZ_{168} 4 24.1 276°.95 3°.5/26.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 34.76	−21 21.1	1.509	2.348	16.4	20.3
4 1	14 29.48	−21 36.5	1.413	2.327	12.8	20.0
4 11	14 21.27	−21 35.2	1.338	2.305	8.6	19.7
4 21	14 10.89	−21 16.1	1.287	2.283	4.4	19.4
5 1	13 59.60	−20 41.1	1.261	2.261	4.4	19.4
5 11	13 48.94	−19 56.2	1.262	2.238	8.8	19.6
5 21	13 40.23	−19 9.0	1.285	2.216	13.6	19.8
5 31	13 34.47	−18 27.7	1.330	2.193	17.9	20.0

275804 2001 QQ_{228} 4 24.1 182°.03 0°.3/23.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.31	−14 56.0	2.373	3.211	11.2	21.7
4 1	14 25.63	−14 11.5	2.291	3.212	8.2	21.5
4 11	14 18.34	−13 17.4	2.236	3.213	4.8	21.3
4 21	14 10.07	−12 16.8	2.209	3.213	1.1	21.0
5 1	14 1.58	−11 14.2	2.212	3.212	2.7	21.1
5 11	13 53.69	−10 14.9	2.244	3.210	6.3	21.4
5 21	13 47.05	− 9 23.2	2.304	3.207	9.6	21.6
5 31	13 42.15	− 8 42.6	2.387	3.204	12.4	21.8

270141 2001 SN_{9} 4 24.1 223°.89 0°.2/24.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.71	−15 59.4	2.292	3.129	11.6	22.3
4 1	14 26.10	−15 26.5	2.198	3.117	8.6	22.1
4 11	14 18.72	−14 43.0	2.129	3.104	5.1	21.8
4 21	14 10.18	−13 51.2	2.088	3.091	1.3	21.5
5 1	14 1.29	−12 55.3	2.076	3.077	2.6	21.6
5 11	13 52.93	−12 0.4	2.094	3.063	6.5	21.8
5 21	13 45.84	−11 11.4	2.138	3.047	10.0	22.0
5 31	13 40.58	−10 32.3	2.206	3.031	13.1	22.2

176525 2001 YV_{118} 4 24.1 213°.76 4°.7/29.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 30.29	−30 15.5	2.604	3.379	12.1	20.4
4 1	14 25.03	−30 25.4	2.512	3.376	9.9	20.2
4 11	14 18.08	−30 19.3	2.442	3.372	7.5	20.0
4 21	14 10.03	−29 56.6	2.399	3.367	5.4	19.9
5 1	14 1.66	−29 18.6	2.383	3.363	4.7	19.8
5 11	13 53.82	−28 29.0	2.395	3.358	6.1	19.9
5 21	13 47.22	−27 32.6	2.434	3.354	8.5	20.0
5 31	13 42.40	−26 35.2	2.498	3.349	10.9	20.2

311266 2005 EX_{131} 4 24.1 116°.97 2°.5/22.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 35.20	− 7 59.3	1.588	2.451	14.5	20.2
4 1	14 29.02	− 7 35.7	1.526	2.460	10.5	19.9
4 11	14 20.52	− 7 7.6	1.488	2.469	6.2	19.7
4 21	14 10.62	− 6 39.3	1.476	2.477	2.6	19.5
5 1	14 0.48	− 6 16.0	1.491	2.485	4.8	19.7
5 11	13 51.30	− 6 2.4	1.532	2.493	9.1	19.9
5 21	13 44.01	− 6 1.5	1.598	2.501	13.1	20.2
5 31	13 39.21	− 6 14.6	1.683	2.508	16.5	20.4

522724 2016 LS_{62} 4 24.1 220°.20 2°.9/20.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 27.27	− 5 42.3	2.605	3.463	9.7	22.0
4 1	14 22.59	− 4 41.9	2.525	3.456	7.0	21.8
4 11	14 16.55	− 3 38.5	2.472	3.449	4.3	21.6
4 21	14 9.66	− 2 36.1	2.447	3.441	2.9	21.5
5 1	14 2.56	− 1 39.5	2.452	3.434	4.5	21.6
5 11	13 55.93	− 0 52.8	2.485	3.425	7.2	21.8
5 21	13 50.32	− 0 18.9	2.544	3.417	10.0	21.9
5 31	13 46.17	+ 0 0.7	2.625	3.408	12.4	22.1

384911 2012 TM_{51} 4 24.1 116°.28 0°.3/23.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 29.33	−14 18.2	2.260	3.106	11.4	21.5
4 1	14 24.21	−13 45.5	2.191	3.115	8.3	21.3
4 11	14 17.52	−13 4.3	2.147	3.125	4.8	21.1
4 21	14 9.89	−12 17.7	2.130	3.134	1.1	20.9
5 1	14 2.09	−11 29.8	2.142	3.143	2.7	21.0
5 11	13 54.94	−10 45.3	2.183	3.151	6.3	21.3
5 21	13 49.06	−10 8.1	2.250	3.160	9.6	21.5
5 31	13 44.92	− 9 41.2	2.340	3.168	12.3	21.7

193119 2000 HT 4 24.1 186°.84 1°.5/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 36.20	−10 19.1	1.583	2.442	14.8	20.7
4 1	14 29.92	−10 1.6	1.510	2.442	10.8	20.4
4 11	14 21.17	− 9 37.0	1.461	2.441	6.3	20.1
4 21	14 10.81	− 9 9.0	1.437	2.440	1.9	19.9
5 1	14 0.05	− 8 42.5	1.441	2.439	4.3	20.0
5 11	13 50.17	− 8 22.8	1.472	2.437	9.0	20.3
5 21	13 42.20	− 8 13.9	1.526	2.435	13.3	20.5
5 31	13 36.83	− 8 18.4	1.601	2.432	16.9	20.8

370131 2001 VG_{124} 4 24.1 128°.73 0°.1/24.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.36	−14 5.7	2.100	2.943	12.3	22.1
4 1	14 27.22	−13 45.5	2.034	2.957	9.0	21.9
4 11	14 19.29	−13 16.9	1.994	2.971	5.2	21.7
4 21	14 10.32	−12 42.6	1.980	2.984	1.2	21.4
5 1	14 1.18	−12 6.3	1.996	2.996	2.8	21.6
5 11	13 52.80	−11 32.8	2.040	3.008	6.7	21.8
5 21	13 45.89	−11 5.7	2.111	3.020	10.1	22.1
5 31	13 40.96	−10 48.3	2.204	3.031	13.0	22.3

507529 2012 WW 4 24.1 55°.93 1°.4/25.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 27.91	−20 4.6	2.114	2.949	12.5	21.5
4 1	14 23.38	−19 28.0	2.037	2.952	9.4	21.3
4 11	14 17.12	−18 37.2	1.984	2.955	5.9	21.1
4 21	14 9.81	−17 35.0	1.957	2.958	2.3	20.9
5 1	14 2.28	−16 26.1	1.959	2.961	2.6	20.9
5 11	13 55.41	−15 16.4	1.989	2.964	6.2	21.1
5 21	13 49.89	−14 11.7	2.045	2.967	9.7	21.4
5 31	13 46.24	−13 16.9	2.124	2.970	12.8	21.6

60070 1999 TY_{129} 4 24.1 294°.57 0°.1/24.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 30.80	−15 24.6	1.448	2.311	15.7	20.2
4 1	14 26.45	−14 56.4	1.357	2.289	11.7	19.9
4 11	14 19.42	−14 13.1	1.287	2.267	7.0	19.5
4 21	14 10.45	−13 17.6	1.241	2.245	1.7	19.1
5 1	14 0.74	−12 15.8	1.221	2.223	3.8	19.2
5 11	13 51.71	−11 16.0	1.226	2.201	9.3	19.5
5 21	13 44.54	−10 25.9	1.254	2.179	14.3	19.7
5 31	13 40.11	− 9 51.6	1.302	2.157	18.7	19.9

248018 2004 FU_{28} 4 24.1 186°.20 6°.8/18.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 32.44	− 7 22.2	1.195	2.078	16.8	20.2
4 1	14 27.57	− 4 18.6	1.135	2.079	12.3	19.9
4 11	14 19.91	− 0 59.9	1.099	2.079	8.1	19.7
4 21	14 10.51	+ 2 16.7	1.090	2.078	7.0	19.6
5 1	14 0.79	+ 5 12.0	1.107	2.077	10.4	19.8
5 11	13 52.23	+ 7 31.1	1.149	2.075	15.0	20.0
5 21	13 45.91	+ 9 7.3	1.211	2.072	19.3	20.3
5 31	13 42.50	+10 1.0	1.289	2.069	22.9	20.5

111533 2001 YD_{116} 4 24.1 110°.43 5°.1/19.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 33.04	+ 0 50.0	2.117	2.975	11.6	20.3
4 1	14 26.79	+ 1 43.8	2.071	2.996	8.7	20.2
4 11	14 18.94	+ 2 34.1	2.051	3.018	6.1	20.0
4 21	14 10.22	+ 3 15.8	2.058	3.038	5.1	20.0
5 1	14 1.47	+ 3 44.3	2.094	3.058	6.6	20.1
5 11	13 53.53	+ 3 56.8	2.156	3.078	9.2	20.3
5 21	13 47.02	+ 3 52.5	2.243	3.097	11.9	20.5
5 31	13 42.37	+ 3 32.2	2.351	3.115	14.2	20.7

222696 2002 AK_{15} 4 24.1 150°.74 1°.3/25.3 18

3 22	14 35.04	−17 56.3	2.431	3.253	11.5	21.8
4 1	14 28.33	−17 58.4	2.356	3.264	8.6	21.6
4 11	14 19.92	−17 50.9	2.306	3.275	5.3	21.4
4 21	14 10.48	−17 35.0	2.284	3.284	2.1	21.2
5 1	14 0.83	−17 13.0	2.293	3.293	2.5	21.3
5 11	13 51.82	−16 48.5	2.331	3.301	5.8	21.5
5 21	13 44.14	−16 25.2	2.396	3.309	8.9	21.7
5 31	13 38.30	−16 6.6	2.486	3.315	11.7	21.9

464820 2004 TX_{82} 4 24.1 275°.29 1°.6/22.6 17

3 22	14 28.31	−12 38.2	1.817	2.678	13.0	21.4
4 1	14 23.94	−11 29.0	1.734	2.668	9.5	21.2
4 11	14 17.58	−10 7.9	1.676	2.658	5.5	20.9
4 21	14 9.95	− 8 40.2	1.645	2.648	1.8	20.6
5 1	14 1.98	− 7 13.2	1.641	2.637	4.2	20.8
5 11	13 54.66	− 5 54.8	1.665	2.627	8.4	21.0
5 21	13 48.83	− 4 50.9	1.713	2.617	12.4	21.2
5 31	13 45.08	− 4 5.5	1.783	2.607	15.7	21.4

231329 2006 DF_{53} 4 24.1 183°.29 0°.7/24.7 17

3 22	14 31.45	−16 41.8	2.221	3.057	11.9	21.8
4 1	14 25.90	−16 24.9	2.140	3.058	8.9	21.6
4 11	14 18.60	−15 57.7	2.084	3.058	5.3	21.4
4 21	14 10.18	−15 22.5	2.055	3.057	1.6	21.1
5 1	14 1.50	−14 42.6	2.055	3.057	2.5	21.2
5 11	13 53.43	−14 2.6	2.084	3.055	6.3	21.4
5 21	13 46.69	−13 26.9	2.139	3.054	9.7	21.6
5 31	13 41.82	−12 59.2	2.217	3.052	12.7	21.8

293713 2007 QH_{14} 4 24.1 251°.04 2°.2/22.1 17

3 22	14 30.64	− 7 40.4	2.235	3.091	11.1	21.2
4 1	14 25.34	− 7 7.7	2.146	3.077	8.1	21.0
4 11	14 18.31	− 6 30.8	2.082	3.062	4.8	20.7
4 21	14 10.13	− 5 53.2	2.046	3.047	2.3	20.5
5 1	14 1.60	− 5 19.4	2.039	3.031	4.1	20.6
5 11	13 53.56	− 4 53.3	2.060	3.015	7.6	20.8
5 21	13 46.76	− 4 38.1	2.107	2.999	10.9	21.0
5 31	13 41.75	− 4 35.8	2.175	2.982	13.8	21.2

239993 2001 SP_{82} 4 24.1 253°.72 3°.1/20.9 18

3 22	14 27.29	− 6 57.9	2.173	3.037	11.1	20.5
4 1	14 22.85	− 5 47.9	2.097	3.031	8.0	20.3
4 11	14 16.80	− 4 32.9	2.046	3.025	4.9	20.1
4 21	14 9.75	− 3 18.1	2.023	3.019	3.1	19.9
5 1	14 2.46	− 2 9.6	2.028	3.013	5.0	20.0
5 11	13 55.74	− 1 12.7	2.061	3.007	8.2	20.2
5 21	13 50.24	− 0 31.1	2.119	3.000	11.3	20.4
5 31	13 46.45	− 0 6.8	2.198	2.994	14.1	20.6

472874 2015 FO_{302} 4 24.1 291°.85 5°.1/18.9 18

3 22	14 27.54	− 0 2.5	2.107	2.975	11.2	21.1
4 1	14 23.07	+ 1 4.8	2.036	2.968	8.4	20.9
4 11	14 16.94	+ 2 11.2	1.991	2.961	6.0	20.7
4 21	14 9.79	+ 3 10.8	1.973	2.954	5.2	20.7
5 1	14 2.39	+ 3 57.8	1.982	2.947	6.9	20.7
5 11	13 55.57	+ 4 28.0	2.017	2.940	9.7	20.9
5 21	13 50.00	+ 4 39.5	2.075	2.933	12.5	21.1
5 31	13 46.20	+ 4 32.0	2.154	2.926	15.0	21.2

240778 2005 SJ_{104} 4 24.1 259°.92 1°.5/22.5 17

3 22	14 26.81	−10 57.4	2.433	3.287	10.4	20.8
4 1	14 22.40	−10 4.2	2.347	3.278	7.5	20.6
4 11	14 16.51	− 9 4.0	2.287	3.268	4.3	20.4
4 21	14 9.68	− 8 0.5	2.255	3.257	1.6	20.1
5 1	14 2.62	− 6 58.5	2.253	3.247	3.4	20.3
5 11	13 56.03	− 6 2.9	2.278	3.237	6.7	20.4
5 21	13 50.53	− 5 17.5	2.330	3.226	9.8	20.6
5 31	13 46.60	− 4 45.1	2.405	3.216	12.6	20.8

321951 2010 TD_{175} 4 24.1 237°.90 3°.3/21.5 17

3 22	14 32.13	− 7 12.4	1.750	2.615	13.3	21.3
4 1	14 26.81	− 6 15.4	1.670	2.604	9.7	21.0
4 11	14 19.32	− 5 12.3	1.613	2.593	5.9	20.8
4 21	14 10.40	− 4 8.7	1.583	2.581	3.3	20.6
5 1	14 1.07	− 3 11.4	1.581	2.569	5.6	20.7
5 11	13 52.42	− 2 26.7	1.605	2.556	9.6	20.9
5 21	13 45.37	− 1 58.8	1.652	2.543	13.5	21.1
5 31	13 40.57	− 1 49.9	1.721	2.530	16.8	21.3

223212 2003 BY_{58} 4 24.1 317°.20 5°.6/28.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 31.64	−27 34.8	1.617	2.433	16.6	19.9
4 1	14 26.91	−27 53.8	1.533	2.426	13.4	19.6
4 11	14 19.59	−27 51.2	1.471	2.420	9.8	19.4
4 21	14 10.50	−27 25.8	1.431	2.413	6.6	19.2
5 1	14 0.84	−26 39.2	1.417	2.407	5.8	19.1
5 11	13 51.98	−25 37.7	1.428	2.402	8.3	19.3
5 21	13 45.05	−24 29.5	1.463	2.396	12.0	19.5
5 31	13 40.81	−23 23.6	1.520	2.391	15.6	19.7

375848 2009 UZ_{152} 4 24.1 269°.44 0°.2/23.9 18

3 22	14 35.35	−12 21.3	1.906	2.753	13.1	20.2
4 1	14 29.26	−12 26.3	1.807	2.732	9.8	19.9
4 11	14 20.86	−12 24.8	1.733	2.711	5.8	19.6
4 21	14 10.81	−12 18.2	1.685	2.689	1.4	19.3
5 1	14 0.11	−12 9.4	1.666	2.666	3.3	19.4
5 11	13 49.91	−12 2.2	1.674	2.643	7.8	19.6
5 21	13 41.21	−12 0.2	1.709	2.620	11.9	19.8
5 31	13 34.79	−12 6.6	1.765	2.597	15.6	20.0

215459 2002 QL_5 4 24.1 277°.81 1°.3/25.1 17

3 22	14 32.05	−18 40.7	1.698	2.542	14.6	20.7
4 1	14 27.13	−18 16.5	1.596	2.517	11.1	20.4
4 11	14 19.74	−17 35.7	1.517	2.491	7.0	20.1
4 21	14 10.56	−16 40.1	1.462	2.464	2.4	19.8
5 1	14 0.66	−15 34.1	1.435	2.437	3.3	19.7
5 11	13 51.32	−14 25.0	1.435	2.410	8.1	20.0
5 21	13 43.63	−13 20.5	1.459	2.382	12.8	20.2
5 31	13 38.42	−12 27.6	1.504	2.354	16.9	20.3

146566 2001 TF_{29} 4 24.1 135°.10 1°.2/25.1 18

3 22	14 32.26	−17 58.7	1.853	2.694	13.7	19.9
4 1	14 26.77	−17 43.7	1.781	2.699	10.3	19.7
4 11	14 19.22	−17 15.9	1.731	2.704	6.3	19.4
4 21	14 10.37	−16 37.4	1.708	2.709	2.2	19.2
5 1	14 1.25	−15 52.3	1.712	2.714	2.9	19.2
5 11	13 52.90	−15 6.4	1.744	2.718	7.0	19.5
5 21	13 46.17	−14 25.0	1.801	2.722	10.9	19.7
5 31	13 41.65	−13 52.9	1.880	2.726	14.2	20.0

328891 2010 RQ_{52} 4 24.1 169°.51 4°.2/20.4 18

3 22	14 33.35	−12 19.3	1.237	2.110	17.1	21.0
4 1	14 28.18	− 9 41.7	1.173	2.114	12.3	20.7
4 11	14 20.26	− 6 43.4	1.134	2.117	7.2	20.4
4 21	14 10.64	− 3 38.7	1.121	2.119	4.3	20.3
5 1	14 0.75	− 0 45.0	1.135	2.121	7.7	20.5
5 11	13 52.05	+ 1 41.7	1.175	2.121	12.8	20.7
5 21	13 45.60	+ 3 32.4	1.237	2.122	17.5	21.0
5 31	13 42.04	+ 4 44.6	1.317	2.121	21.3	21.3

285630 2000 RP_{82} 4 24.1 217°.16 3°.7/27.6 17

3 22	14 31.93	−26 20.5	2.219	3.020	13.1	21.2
4 1	14 26.45	−26 10.2	2.125	3.013	10.4	21.0
4 11	14 19.03	−25 42.5	2.055	3.005	7.3	20.8
4 21	14 10.34	−24 57.7	2.011	2.997	4.5	20.6
5 1	14 1.29	−23 58.6	1.994	2.988	3.9	20.5
5 11	13 52.85	−22 50.4	2.007	2.979	6.4	20.7
5 21	13 45.84	−21 39.4	2.046	2.969	9.6	20.8
5 31	13 40.84	−20 32.1	2.108	2.959	12.7	21.0

133253 2003 RF_{13} 4 24.1 216°.96 2°.1/25.9 17

3 22	14 31.34	−20 31.9	2.130	2.957	12.7	19.9
4 1	14 26.00	−20 25.8	2.044	2.953	9.7	19.7
4 11	14 18.75	−20 6.6	1.982	2.949	6.3	19.5
4 21	14 10.28	−19 35.5	1.947	2.944	2.9	19.3
5 1	14 1.45	−18 55.4	1.940	2.940	2.9	19.3
5 11	13 53.24	−18 11.1	1.960	2.935	6.4	19.5
5 21	13 46.43	−17 27.7	2.008	2.930	9.9	19.7
5 31	13 41.61	−16 50.2	2.078	2.924	13.0	19.9

329587 2003 AJ_1 4 24.1 55°.43 3°.0/21.9 18

3 22	14 30.80	− 8 47.3	1.431	2.306	15.1	20.0
4 1	14 25.84	− 7 46.2	1.385	2.324	10.9	19.8
4 11	14 18.66	− 6 38.8	1.361	2.343	6.3	19.6
4 21	14 10.22	− 5 32.1	1.362	2.363	3.1	19.4
5 1	14 1.70	− 4 33.6	1.390	2.382	5.5	19.6
5 11	13 54.26	− 3 49.8	1.443	2.402	9.7	19.9
5 21	13 48.73	− 3 24.4	1.518	2.422	13.6	20.2
5 31	13 45.62	− 3 18.6	1.613	2.442	16.9	20.5

312174 2007 UF_{142} 4 24.1 70°.85 4°.3/21.4 17

3 22	14 33.66	− 4 21.1	1.447	2.320	15.0	20.6
4 1	14 28.05	− 3 41.4	1.390	2.328	11.0	20.3
4 11	14 20.04	− 3 0.4	1.356	2.336	6.9	20.1
4 21	14 10.58	− 2 24.3	1.348	2.344	4.3	20.0
5 1	14 0.88	− 1 59.3	1.365	2.351	6.5	20.1
5 11	13 52.21	− 1 50.1	1.407	2.359	10.6	20.4
5 21	13 45.51	− 1 58.6	1.471	2.367	14.5	20.6
5 31	13 41.38	− 2 24.9	1.555	2.375	17.8	20.9

11543 1992 UN_2 4 24.1 156°.65 0°.5/23.8 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 34.52	−13 23.5	1.969	2.814	12.9	19.0
4 1	14 28.24	−12 57.6	1.898	2.822	9.4	18.8
4 11	14 20.00	−12 22.8	1.852	2.830	5.5	18.5
4 21	14 10.56	−11 42.4	1.833	2.836	1.3	18.3
5 1	14 0.89	−11 0.6	1.843	2.842	3.2	18.4
5 11	13 52.00	−10 22.7	1.881	2.847	7.2	18.7
5 21	13 44.67	− 9 52.8	1.945	2.852	10.9	18.9
5 31	13 39.47	− 9 34.1	2.031	2.856	14.1	19.1

352629 2008 FF_{78} 4 24.1 358°.23 0°.5/23.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 26.97	−13 58.6	2.215	3.067	11.4	21.1
4 1	14 22.63	−13 21.0	2.139	3.067	8.3	20.9
4 11	14 16.69	−12 34.6	2.087	3.066	4.8	20.6
4 21	14 9.76	−11 42.6	2.062	3.066	1.1	20.4
5 1	14 2.62	−10 49.5	2.066	3.066	2.8	20.5
5 11	13 56.05	−10 0.3	2.098	3.066	6.5	20.7
5 21	13 50.71	− 9 19.1	2.155	3.066	9.8	20.9
5 31	13 47.07	− 8 49.3	2.235	3.067	12.7	21.1

198518 2004 XG_{96} 4 24.1 222°.60 3°.8/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.99	−26 28.9	2.366	3.163	12.6	20.9
4 1	14 26.42	−26 28.7	2.270	3.154	10.0	20.7
4 11	14 19.00	−26 12.7	2.197	3.145	7.1	20.5
4 21	14 10.35	−25 40.8	2.151	3.135	4.5	20.3
5 1	14 1.32	−24 55.0	2.133	3.124	4.0	20.3
5 11	13 52.83	−23 59.6	2.143	3.114	6.2	20.4
5 21	13 45.67	−23 0.2	2.180	3.102	9.2	20.6
5 31	13 40.44	−22 2.7	2.242	3.090	12.1	20.7

316884 2000 SL_{24} 4 24.1 234°.26 5°.5/28.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.09	−31 58.6	1.148	1.969	21.6	20.0
4 1	14 28.73	−30 48.5	1.068	1.964	17.5	19.7
4 11	14 20.94	−28 53.3	1.005	1.958	12.6	19.4
4 21	14 10.86	−26 13.0	0.964	1.952	7.6	19.1
5 1	14 0.27	−22 57.3	0.948	1.946	5.7	19.0
5 11	13 51.04	−19 26.2	0.957	1.940	9.9	19.2
5 21	13 44.53	−16 2.2	0.991	1.933	15.4	19.5
5 31	13 41.51	−13 4.1	1.045	1.926	20.4	19.7

206769 2004 CW_{43} 4 24.1 14°.84 7°.6/16.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 27.59	+ 6 8.2	1.926	2.794	12.1	20.1
4 1	14 23.17	+ 7 34.7	1.873	2.795	9.7	19.9
4 11	14 17.03	+ 8 54.3	1.844	2.796	7.9	19.8
4 21	14 9.86	+ 9 59.7	1.841	2.798	7.8	19.8
5 1	14 2.50	+10 44.7	1.864	2.800	9.4	19.9
5 11	13 55.85	+11 5.7	1.911	2.802	11.8	20.1
5 21	13 50.57	+11 2.5	1.979	2.804	14.3	20.2
5 31	13 47.17	+10 36.6	2.066	2.807	16.5	20.4

219715 2001 XE_{83} 4 24.1 198°.69 1°.9/22.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.21	− 9 40.1	2.017	2.874	12.1	20.8
4 1	14 25.84	− 8 57.5	1.940	2.872	8.8	20.6
4 11	14 18.63	− 8 8.5	1.889	2.869	5.1	20.4
4 21	14 10.26	− 7 17.2	1.864	2.866	2.0	20.2
5 1	14 1.61	− 6 28.9	1.869	2.863	4.1	20.3
5 11	13 53.60	− 5 48.6	1.900	2.859	7.8	20.5
5 21	13 47.01	− 5 20.2	1.957	2.855	11.4	20.7
5 31	13 42.39	− 5 6.0	2.036	2.850	14.4	20.9

249456 2009 HC_{52} 4 24.1 302°.29 1°.7/22.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 28.33	− 9 58.2	2.060	2.921	11.8	20.7
4 1	14 23.85	− 9 26.4	1.969	2.902	8.6	20.5
4 11	14 17.54	− 8 48.1	1.903	2.884	5.0	20.2
4 21	14 10.02	− 8 6.9	1.863	2.865	1.8	20.0
5 1	14 2.09	− 7 27.4	1.851	2.847	3.8	20.1
5 11	13 54.66	− 6 54.4	1.866	2.829	7.6	20.3
5 21	13 48.51	− 6 31.7	1.907	2.811	11.3	20.4
5 31	13 44.23	− 6 22.1	1.968	2.793	14.4	20.6

430647 2003 SO_{174} 4 24.1 245°.72 3°.7/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 28.60	− 5 21.9	2.215	3.078	11.0	21.5
4 1	14 23.85	− 4 1.5	2.130	3.063	8.0	21.2
4 11	14 17.45	− 2 36.1	2.072	3.049	5.1	21.0
4 21	14 9.98	− 1 11.6	2.042	3.034	3.7	20.9
5 1	14 2.20	+ 0 5.5	2.040	3.018	5.6	21.0
5 11	13 54.94	+ 1 9.4	2.067	3.002	8.8	21.2
5 21	13 48.88	+ 1 56.4	2.118	2.986	11.9	21.3
5 31	13 44.55	+ 2 24.4	2.190	2.970	14.6	21.5

216847 2007 EP_{212} 4 24.1 17°.13 4°.3/16.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.42	+ 7 34.4	4.107	4.957	6.6	19.8
4 1	14 17.96	+ 8 29.9	4.049	4.959	5.3	19.7
4 11	14 13.73	+ 9 21.2	4.018	4.960	4.4	19.7
4 21	14 9.05	+10 5.2	4.016	4.961	4.4	19.7
5 1	14 4.28	+10 39.5	4.041	4.962	5.2	19.7
5 11	13 59.79	+11 2.5	4.094	4.963	6.5	19.8
5 21	13 55.90	+11 13.3	4.170	4.965	7.9	19.9
5 31	13 52.88	+11 12.0	4.268	4.966	9.2	20.0

416497 2003 XA_{21} 4 24.1 254°.93 4°.7/20.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 36.03	− 1 42.3	1.868	2.726	12.9	21.4
4 1	14 29.70	− 1 5.8	1.776	2.704	9.7	21.1
4 11	14 21.09	− 0 29.4	1.709	2.682	6.4	20.9
4 21	14 10.91	+ 0 1.7	1.668	2.658	4.7	20.7
5 1	14 0.15	+ 0 21.9	1.656	2.634	6.6	20.8
5 11	13 49.94	+ 0 27.0	1.671	2.610	10.2	21.0
5 21	13 41.27	+ 0 14.8	1.710	2.584	13.9	21.1
5 31	13 34.86	− 0 15.2	1.769	2.558	17.2	21.3

501073 2013 SA_{46} 4 24.1 155°.92 4°.2/28.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.71	−27 27.0	2.238	3.031	13.3	22.3
4 1	14 27.67	−27 29.8	2.158	3.038	10.6	22.2
4 11	14 19.70	−27 15.5	2.101	3.045	7.6	22.0
4 21	14 10.53	−26 44.0	2.070	3.051	5.0	21.8
5 1	14 1.08	−25 57.7	2.067	3.056	4.3	21.8
5 11	13 52.35	−25 1.3	2.092	3.061	6.4	21.9
5 21	13 45.11	−24 0.8	2.144	3.066	9.4	22.1
5 31	13 39.94	−23 2.5	2.220	3.070	12.2	22.3

356167 2009 HO_{48} 4 24.1 229°.90 4°.2/19.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 27.54	− 0 45.7	2.524	3.385	9.8	21.2
4 1	14 22.84	+ 0 11.3	2.450	3.379	7.3	21.0
4 11	14 16.75	+ 1 7.8	2.403	3.373	5.1	20.9
4 21	14 9.80	+ 1 59.1	2.383	3.367	4.2	20.8
5 1	14 2.65	+ 2 40.7	2.392	3.360	5.7	20.9
5 11	13 55.97	+ 3 9.2	2.429	3.353	8.2	21.0
5 21	13 50.35	+ 3 22.7	2.490	3.346	10.7	21.2
5 31	13 46.24	+ 3 20.6	2.572	3.339	13.0	21.3

398846 2013 CA_{40} 4 24.1 261°.83 10°.9/ 8.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.41	+27 11.6	2.693	3.473	11.6	20.4
4 1	14 25.71	+28 26.9	2.640	3.454	11.0	20.3
4 11	14 18.45	+29 24.4	2.609	3.434	10.9	20.2
4 21	14 10.22	+29 58.7	2.601	3.415	11.4	20.2
5 1	14 1.77	+30 5.9	2.614	3.394	12.3	20.3
5 11	13 53.87	+29 45.2	2.648	3.374	13.5	20.3
5 21	13 47.17	+28 58.3	2.700	3.353	14.8	20.4
5 31	13 42.16	+27 48.3	2.767	3.332	15.9	20.5

511533 2014 SN_{349} 4 24.1 294°.73 6°.6/10.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 23.84	+23 29.0	4.294	5.085	7.4	20.7
4 1	14 19.70	+24 14.2	4.249	5.080	6.8	20.7
4 11	14 14.74	+24 48.8	4.229	5.076	6.6	20.7
4 21	14 9.30	+25 10.4	4.234	5.071	6.9	20.7
5 1	14 3.78	+25 16.9	4.263	5.067	7.5	20.7
5 11	13 58.59	+25 7.7	4.315	5.062	8.3	20.8
5 21	13 54.05	+24 43.4	4.387	5.058	9.2	20.8
5 31	13 50.46	+24 5.2	4.477	5.054	10.1	20.9

26841 1991 TY_1 4 24.1 192°.58 4°.0/19.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 29.83	− 1 56.9	2.593	3.449	9.8	20.3
4 1	14 24.45	− 0 47.8	2.520	3.447	7.3	20.1
4 11	14 17.67	+ 0 22.0	2.473	3.444	4.9	20.0
4 21	14 10.03	+ 1 27.6	2.456	3.440	4.0	19.9
5 1	14 2.20	+ 2 24.1	2.468	3.436	5.5	20.0
5 11	13 54.88	+ 3 7.6	2.508	3.430	8.0	20.1
5 21	13 48.64	+ 3 35.8	2.574	3.425	10.6	20.3
5 31	13 43.91	+ 3 47.9	2.661	3.418	12.8	20.5

247108 2000 TG_{58} 4 24.1 279°.01 2°.1/22.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 34.57	− 9 7.3	1.479	2.346	15.2	20.2
4 1	14 29.15	− 8 50.4	1.393	2.328	11.2	19.9
4 11	14 21.00	− 8 27.1	1.329	2.311	6.6	19.6
4 21	14 10.93	− 8 1.3	1.291	2.293	2.3	19.3
5 1	14 0.16	− 7 38.1	1.278	2.275	4.9	19.4
5 11	13 50.10	− 7 23.4	1.291	2.257	9.9	19.7
5 21	13 41.92	− 7 21.4	1.327	2.240	14.6	19.9
5 31	13 36.50	− 7 34.8	1.383	2.222	18.7	20.1

463178 2012 BM_{102} 4 24.1 57°.21 1°.3/24.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 34.22	−17 24.0	1.318	2.176	17.2	21.3
4 1	14 28.64	−17 14.2	1.269	2.197	12.7	21.1
4 11	14 20.44	−16 49.1	1.241	2.218	7.7	20.8
4 21	14 10.71	−16 11.6	1.237	2.240	2.5	20.6
5 1	14 0.86	−15 27.4	1.259	2.261	3.5	20.7
5 11	13 52.26	−14 43.9	1.306	2.283	8.5	21.1
5 21	13 45.91	−14 7.8	1.376	2.305	12.9	21.4
5 31	13 42.36	−13 43.8	1.466	2.327	16.7	21.7

142070 2002 QO_{36} 4 24.1 219°.74 0°.7/23.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 32.71	−13 18.6	2.011	2.859	12.5	20.9
4 1	14 27.05	−12 43.8	1.924	2.850	9.2	20.7
4 11	14 19.42	−11 59.3	1.862	2.840	5.4	20.5
4 21	14 10.50	−11 8.5	1.827	2.830	1.3	20.1
5 1	14 1.19	−10 16.1	1.821	2.820	3.3	20.3
5 11	13 52.50	− 9 27.8	1.842	2.808	7.4	20.5
5 21	13 45.25	− 8 48.3	1.890	2.797	11.2	20.7
5 31	13 40.05	− 8 21.3	1.960	2.784	14.5	20.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
338130 2002 QP_{90}			4 24.1 265°.03	2°.7/26.3 17		
	h m	° ′			°	m
3 22	14 31.60	−21 32.4	2.100	2.924	13.0	20.7
4 1	14 26.32	−21 39.9	2.009	2.914	10.0	20.5
4 11	14 19.04	−21 34.2	1.941	2.904	6.7	20.3
4 21	14 10.41	−21 15.7	1.899	2.894	3.5	20.0
5 1	14 1.35	−20 46.6	1.886	2.884	3.3	20.0
5 11	13 52.84	−20 11.0	1.900	2.874	6.5	20.2
5 21	13 45.76	−19 34.0	1.940	2.864	10.1	20.4
5 31	13 40.72	−19 0.9	2.003	2.854	13.2	20.6
91218 1999 AM_5			4 24.1 91°.80	4°.3/26.6 18		
3 22	14 38.91	−22 25.7	1.440	2.271	17.5	18.4
4 1	14 32.22	−23 0.7	1.379	2.286	13.5	18.2
4 11	14 22.66	−23 17.7	1.339	2.301	9.2	18.0
4 21	14 11.29	−23 15.7	1.323	2.316	5.2	17.8
5 1	13 59.56	−22 56.7	1.333	2.330	4.8	17.8
5 11	13 48.99	−22 26.8	1.369	2.344	8.5	18.0
5 21	13 40.76	−21 53.2	1.429	2.358	12.6	18.3
5 31	13 35.55	−21 23.2	1.510	2.371	16.3	18.5
68615 2002 AC_{148}			4 24.1 300°.02	6°.3/29.4 18		
3 22	14 32.41	−31 43.4	2.235	3.009	13.9	19.3
4 1	14 27.04	−32 24.6	2.142	3.000	11.6	19.1
4 11	14 19.53	−32 48.3	2.070	2.991	9.1	19.0
4 21	14 10.55	−32 52.3	2.023	2.982	7.0	18.8
5 1	14 1.04	−32 36.5	2.003	2.974	6.3	18.8
5 11	13 52.06	−32 4.0	2.009	2.965	7.6	18.8
5 21	13 44.56	−31 20.0	2.040	2.957	10.0	19.0
5 31	13 39.22	−30 31.0	2.095	2.948	12.6	19.1
106360 2000 VB_7			4 24.1 331°.13	1°.7/23.3 17		
3 22	14 34.09	− 7 12.3	1.640	2.504	14.0	17.8
4 1	14 28.63	− 7 38.1	1.548	2.482	10.4	17.5
4 11	14 20.64	− 8 3.9	1.480	2.461	6.2	17.2
4 21	14 10.85	− 8 31.4	1.438	2.441	2.0	16.9
5 1	14 0.35	− 9 2.8	1.423	2.421	4.2	17.0
5 11	13 50.41	− 9 40.2	1.434	2.403	8.8	17.2
5 21	13 42.15	−10 25.0	1.470	2.385	13.2	17.4
5 31	13 36.40	−11 18.2	1.527	2.369	17.1	17.6
417090 2005 UQ_{303}			4 24.1 103°.78	1°.1/23.1 16		
3 22	14 30.37	−13 49.1	1.901	2.754	12.9	21.6
4 1	14 25.18	−12 42.8	1.840	2.769	9.3	21.4
4 11	14 18.19	−11 26.0	1.804	2.784	5.3	21.1
4 21	14 10.16	−10 4.0	1.796	2.799	1.4	20.9
5 1	14 2.03	− 8 43.4	1.816	2.814	3.6	21.1
5 11	13 54.72	− 7 30.9	1.864	2.828	7.5	21.4
5 21	13 48.92	− 6 31.7	1.937	2.842	11.1	21.6
5 31	13 45.13	− 5 49.0	2.033	2.855	14.1	21.8
378807 2008 SH_{189}			4 24.1 73°.67	4°.4/27.6 17		
3 22	14 33.42	−25 42.4	1.836	2.649	15.0	20.8
4 1	14 27.71	−25 57.3	1.771	2.664	11.8	20.6
4 11	14 19.82	−25 54.1	1.728	2.680	8.3	20.4
4 21	14 10.58	−25 32.8	1.710	2.695	5.2	20.3
5 1	14 1.10	−24 56.0	1.718	2.711	4.6	20.2
5 11	13 52.52	−24 9.2	1.754	2.727	7.1	20.4
5 21	13 45.71	−23 18.9	1.815	2.742	10.4	20.6
5 31	13 41.25	−22 31.6	1.898	2.758	13.5	20.9
507418 2012 PR_{20}			4 24.1 239°.32	1°.3/25.2 17		
3 22	14 30.72	−18 23.0	2.116	2.951	12.5	22.3
4 1	14 25.57	−18 7.2	2.028	2.944	9.4	22.1
4 11	14 18.54	−17 39.4	1.964	2.936	5.8	21.9
4 21	14 10.29	−17 1.3	1.926	2.928	2.1	21.6
5 1	14 1.67	−16 16.4	1.918	2.919	2.7	21.6
5 11	13 53.64	−15 29.6	1.937	2.910	6.5	21.8
5 21	13 46.98	−14 46.2	1.982	2.902	10.1	22.0
5 31	13 42.27	−14 10.6	2.050	2.892	13.3	22.2
34002 Movsesian			4 24.1 34°.03	1°.9/25.5 18		
3 22	14 31.00	−20 17.1	1.330	2.185	17.3	18.0
4 1	14 26.54	−19 45.2	1.263	2.188	13.1	17.8
4 11	14 19.38	−18 52.3	1.217	2.191	8.2	17.5
4 21	14 10.51	−17 41.9	1.194	2.195	3.1	17.2
5 1	14 1.26	−16 20.9	1.196	2.198	3.6	17.2
5 11	13 53.07	−14 59.2	1.223	2.202	8.7	17.5
5 21	13 47.02	−13 46.1	1.274	2.206	13.5	17.8
5 31	13 43.78	−12 48.9	1.344	2.211	17.5	18.1
33450 Allender			4 24.1 104°.52	1°.3/23.3 18		
3 22	14 36.71	−11 1.8	1.519	2.378	15.3	18.3
4 1	14 30.20	−10 43.5	1.463	2.394	11.1	18.1
4 11	14 21.29	−10 17.6	1.429	2.410	6.4	17.9
4 21	14 10.94	− 9 47.9	1.421	2.425	1.8	17.6
5 1	14 0.41	− 9 19.6	1.441	2.440	4.1	17.8
5 11	13 50.98	− 8 58.0	1.487	2.454	8.7	18.1
5 21	13 43.57	− 8 46.9	1.557	2.468	12.9	18.4
5 31	13 38.77	− 8 48.9	1.647	2.481	16.4	18.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
119726 2001 XB_{257}			4 24.1 113°.61	2°.9/21.2 18		
	h m	° ′			°	m
3 22	14 29.88	− 9 23.0	1.917	2.779	12.4	20.5
4 1	14 24.79	− 7 51.6	1.858	2.793	8.9	20.3
4 11	14 17.96	− 6 13.0	1.825	2.806	5.2	20.1
4 21	14 10.12	− 4 34.0	1.820	2.819	2.9	19.9
5 1	14 2.17	− 3 2.2	1.844	2.831	5.0	20.1
5 11	13 55.02	− 1 44.4	1.895	2.843	8.6	20.3
5 21	13 49.33	− 0 45.0	1.971	2.855	11.9	20.6
5 31	13 45.59	− 0 5.9	2.069	2.867	14.8	20.8
111279 2001 XU_{38}			4 24.1 128°.77	0°.1/24.1 18		
3 22	14 31.50	−13 1.1	2.399	3.242	11.0	19.6
4 1	14 25.82	−12 59.2	2.325	3.247	8.0	19.5
4 11	14 18.54	−12 51.3	2.275	3.252	4.7	19.3
4 21	14 10.27	−12 39.0	2.254	3.257	1.1	19.0
5 1	14 1.79	−12 25.1	2.262	3.262	2.5	19.1
5 11	13 53.87	−12 12.6	2.298	3.267	6.0	19.3
5 21	13 47.19	−12 4.4	2.362	3.272	9.2	19.6
5 31	13 42.22	−12 2.9	2.449	3.276	11.9	19.7
329782 2004 NS_{23}			4 24.2 214°.82	6°.1/16.9 18		
3 22	14 30.32	+ 5 42.7	2.583	3.434	10.0	21.9
4 1	14 24.87	+ 7 2.8	2.511	3.424	7.9	21.7
4 11	14 17.96	+ 8 18.8	2.465	3.414	6.4	21.6
4 21	14 10.13	+ 9 24.9	2.447	3.402	6.2	21.6
5 1	14 2.07	+10 16.1	2.458	3.390	7.6	21.7
5 11	13 54.49	+10 49.0	2.496	3.377	9.8	21.8
5 21	13 47.99	+11 2.3	2.557	3.363	12.0	21.9
5 31	13 43.04	+10 56.4	2.638	3.348	14.0	22.0
311886 2006 XF_{24}			4 24.2 138°.87	3°.4/28.3 18		
3 22	14 28.95	−27 48.8	2.756	3.543	11.2	21.2
4 1	14 23.87	−27 29.8	2.674	3.552	8.9	21.1
4 11	14 17.35	−26 55.8	2.617	3.560	6.4	20.9
4 21	14 9.98	−26 7.7	2.586	3.567	4.1	20.8
5 1	14 2.45	−25 8.2	2.584	3.575	3.5	20.8
5 11	13 55.49	−24 1.6	2.611	3.582	5.2	20.9
5 21	13 49.68	−22 52.8	2.666	3.589	7.7	21.1
5 31	13 45.45	−21 47.0	2.747	3.595	10.1	21.2
330400 2007 AM_6			4 24.2 111°.88	0°.7/24.7 18		
3 22	14 34.26	−16 30.5	1.968	2.806	13.2	21.2
4 1	14 28.00	−16 13.2	1.906	2.825	9.7	21.0
4 11	14 19.85	−15 45.1	1.869	2.843	5.8	20.8
4 21	14 10.59	−15 8.6	1.859	2.861	1.7	20.5
5 1	14 1.19	−14 28.0	1.877	2.879	2.7	20.7
5 11	13 52.65	−13 48.2	1.924	2.896	6.7	20.9
5 21	13 45.71	−13 13.8	1.997	2.912	10.3	21.2
5 31	13 40.88	−12 48.7	2.093	2.928	13.3	21.4
134376 1995 SN_{24}			4 24.2 190°.57	0°.8/23.4 16		
3 22	14 33.40	−12 38.9	2.053	2.900	12.4	21.5
4 1	14 27.47	−12 5.4	1.973	2.899	9.0	21.3
4 11	14 19.62	−11 23.3	1.918	2.897	5.2	21.1
4 21	14 10.57	−10 36.0	1.891	2.894	1.3	20.8
5 1	14 1.22	− 9 48.1	1.893	2.891	3.3	20.9
5 11	13 52.54	− 9 4.9	1.923	2.887	7.3	21.2
5 21	13 45.30	− 8 30.6	1.979	2.883	10.9	21.4
5 31	13 40.08	− 8 8.5	2.057	2.877	14.1	21.6
370110 2001 TP_{214}			4 24.2 193°.42	2°.2/26.3 17		
3 22	14 33.73	−21 48.0	2.580	3.389	11.3	23.6
4 1	14 27.48	−21 41.7	2.489	3.386	8.7	23.4
4 11	14 19.55	−21 23.3	2.422	3.383	5.7	23.2
4 21	14 10.55	−20 53.6	2.384	3.378	2.9	23.0
5 1	14 1.25	−20 15.1	2.375	3.373	2.8	23.0
5 11	13 52.48	−19 31.5	2.396	3.367	5.6	23.2
5 21	13 44.94	−18 47.4	2.445	3.360	8.6	23.4
5 31	13 39.14	−18 7.2	2.518	3.353	11.4	23.5
520887 2014 WG_{524}			4 24.2 61°.33	8°.5/ 1.9 17		
3 22	14 32.67	−37 7.8	1.677	2.442	18.2	20.6
4 1	14 27.68	−37 21.6	1.604	2.449	15.4	20.4
4 11	14 20.03	−37 5.9	1.549	2.457	12.5	20.2
4 21	14 10.69	−36 18.3	1.515	2.465	9.8	20.1
5 1	14 1.01	−35 0.8	1.506	2.472	8.5	20.0
5 11	13 52.39	−33 20.5	1.522	2.481	9.4	20.1
5 21	13 45.91	−31 28.1	1.562	2.489	11.9	20.3
5 31	13 42.22	−29 35.0	1.625	2.497	14.8	20.5
359417 2010 LQ_1			4 24.2 294°.48	5°.5/20.6 17		
3 22	14 32.15	− 3 17.6	1.340	2.221	15.5	20.4
4 1	14 27.46	− 2 21.3	1.265	2.205	11.6	20.1
4 11	14 20.04	− 1 22.2	1.211	2.189	7.6	19.9
4 21	14 10.75	− 0 28.1	1.181	2.174	5.5	19.7
5 1	14 0.84	+ 0 12.5	1.175	2.158	8.0	19.8
5 11	13 51.74	+ 0 32.7	1.194	2.143	12.4	20.0
5 21	13 44.63	+ 0 29.3	1.233	2.128	16.8	20.2
5 31	13 40.31	+ 0 1.9	1.290	2.113	20.6	20.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
208535 2001 YM_{134}			4 24.2 202°.00		2°.3/25.9 16	
	h m	° ′			°	m
3 22	14 36.35	−20 40.8	1.947	2.770	13.9	21.6
4 1	14 29.90	−20 37.9	1.859	2.766	10.6	21.3
4 11	14 21.20	−20 20.7	1.795	2.761	6.9	21.1
4 21	14 10.99	−19 49.8	1.757	2.754	3.2	20.8
5 1	14 0.33	−19 8.1	1.747	2.747	3.3	20.8
5 11	13 50.36	−18 20.9	1.766	2.739	7.0	21.0
5 21	13 42.03	−17 34.3	1.811	2.730	10.9	21.3
5 31	13 36.03	−16 53.9	1.879	2.721	14.4	21.5
168075 2006 DZ_{21}			4 24.2 274°.69		4°.1/21.2 17	
3 22	14 32.44	− 6 18.2	1.486	2.359	14.7	20.3
4 1	14 27.53	− 5 19.9	1.401	2.340	10.9	20.1
4 11	14 20.04	− 4 14.9	1.339	2.320	6.7	19.8
4 21	14 10.75	− 3 9.7	1.302	2.300	4.1	19.6
5 1	14 0.82	− 2 12.5	1.292	2.279	6.6	19.6
5 11	13 51.58	− 1 30.8	1.306	2.259	11.2	19.8
5 21	13 44.16	− 1 9.7	1.342	2.238	15.6	20.0
5 31	13 39.35	− 1 11.0	1.397	2.217	19.5	20.2
171766 2000 YY_{143}			4 24.2 145°.53		2°.2/22.6 18	
3 22	14 35.23	− 8 24.0	1.761	2.619	13.6	20.5
4 1	14 28.94	− 7 57.0	1.696	2.627	9.9	20.3
4 11	14 20.52	− 7 25.3	1.654	2.634	5.8	20.1
4 21	14 10.80	− 6 52.9	1.640	2.641	2.4	19.8
5 1	14 0.84	− 6 24.6	1.653	2.647	4.5	20.0
5 11	13 51.73	− 6 5.1	1.694	2.653	8.5	20.2
5 21	13 44.35	− 5 57.6	1.759	2.659	12.3	20.5
5 31	13 39.25	− 6 3.6	1.845	2.663	15.5	20.7
498087 2007 RD_{227}			4 24.2 269°.07		0°.9/24.7 17	
3 22	14 34.94	−15 57.6	1.544	2.395	15.5	21.9
4 1	14 29.46	−15 56.6	1.452	2.378	11.6	21.6
4 11	14 21.24	−15 43.2	1.383	2.360	7.1	21.3
4 21	14 11.06	−15 18.9	1.339	2.342	2.2	20.9
5 1	14 0.13	−14 47.2	1.321	2.323	3.5	21.0
5 11	13 49.86	−14 14.1	1.330	2.305	8.7	21.2
5 21	13 41.46	−13 45.9	1.362	2.286	13.5	21.4
5 31	13 35.82	−13 27.9	1.415	2.266	17.7	21.7
388335 2006 SF_{412}			4 24.2 197°.41		5°.0/18.9 18	
3 22	14 29.59	+ 3 15.6	2.559	3.414	9.9	21.1
4 1	14 24.31	+ 4 1.7	2.491	3.412	7.6	20.9
4 11	14 17.62	+ 4 43.8	2.449	3.410	5.7	20.8
4 21	14 10.09	+ 5 17.7	2.435	3.407	5.1	20.7
5 1	14 2.37	+ 5 39.5	2.450	3.404	6.4	20.8
5 11	13 55.18	+ 5 46.5	2.491	3.401	8.6	20.9
5 21	13 49.07	+ 5 38.1	2.557	3.398	11.0	21.1
5 31	13 44.50	+ 5 14.5	2.644	3.394	13.1	21.2
366251 2012 XN_{140}			4 24.2 342°.78		1°.0/25.1 18	
3 22	14 27.93	−18 43.6	2.100	2.940	12.4	20.5
4 1	14 23.48	−18 6.3	2.020	2.939	9.3	20.3
4 11	14 17.29	−17 15.8	1.964	2.938	5.7	20.1
4 21	14 10.02	−16 14.8	1.935	2.937	1.9	19.8
5 1	14 2.51	−15 8.1	1.934	2.936	2.6	19.8
5 11	13 55.61	−14 1.5	1.961	2.936	6.4	20.1
5 21	13 50.06	−13 0.7	2.015	2.935	9.9	20.3
5 31	13 46.36	−12 10.3	2.091	2.935	13.0	20.5
393830 2005 SL_{86}			4 24.2 214°.92		0°.9/24.9 16	
3 22	14 30.30	−16 37.8	2.626	3.458	10.5	22.0
4 1	14 24.93	−16 35.5	2.539	3.454	7.8	21.8
4 11	14 18.06	−16 25.1	2.477	3.449	4.8	21.6
4 21	14 10.21	−16 8.1	2.443	3.444	1.6	21.3
5 1	14 2.09	−15 46.6	2.438	3.440	2.2	21.4
5 11	13 54.43	−15 23.9	2.463	3.434	5.4	21.6
5 21	13 47.87	−15 3.3	2.515	3.429	8.5	21.8
5 31	13 42.90	−14 47.7	2.590	3.424	11.1	21.9
497333 2005 UW_{1}			4 24.2 260°.03		0°.3/24.4 17	
3 22	14 31.17	−16 51.0	1.955	2.799	13.0	22.6
4 1	14 26.13	−16 11.5	1.857	2.779	9.7	22.3
4 11	14 19.02	−15 18.1	1.782	2.759	5.9	22.0
4 21	14 10.48	−14 13.6	1.734	2.738	1.6	21.7
5 1	14 1.46	−13 3.0	1.715	2.716	3.0	21.7
5 11	13 52.97	−11 52.9	1.723	2.695	7.4	22.0
5 21	13 45.92	−10 49.9	1.757	2.672	11.5	22.2
5 31	13 40.98	− 9 59.4	1.814	2.650	15.0	22.3
264251 3301 T_{-2}			4 24.2 266°.66		2°.0/22.6 17	
3 22	14 32.00	−10 52.4	1.716	2.577	13.7	21.5
4 1	14 26.96	−10 4.3	1.623	2.556	10.1	21.2
4 11	14 19.61	− 9 5.8	1.554	2.535	5.9	20.9
4 21	14 10.65	− 8 1.8	1.511	2.514	2.1	20.6
5 1	14 1.11	− 6 58.6	1.496	2.492	4.6	20.8
5 11	13 52.16	− 6 3.5	1.507	2.469	9.1	21.0
5 21	13 44.81	− 5 22.2	1.542	2.446	13.5	21.2
5 31	13 39.80	− 4 58.4	1.598	2.423	17.2	21.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
304448 2006 UL_{9}			4 24.2 213°.18		0°.1/24.2 17	
	h m	° ′			°	m
3 22	14 27.57	−15 54.9	2.364	3.207	11.1	20.9
4 1	14 23.03	−15 10.1	2.282	3.205	8.1	20.7
4 11	14 16.95	−14 15.0	2.226	3.203	4.8	20.5
4 21	14 9.94	−13 12.8	2.197	3.201	1.2	20.2
5 1	14 2.71	−12 8.0	2.198	3.199	2.5	20.3
5 11	13 56.02	−11 5.8	2.227	3.197	6.1	20.5
5 21	13 50.51	−10 10.8	2.283	3.194	9.4	20.7
5 31	13 46.64	− 9 26.7	2.362	3.192	12.2	20.9
17320 3182 T_{-1}			4 24.2 213°.14		0°.8/24.9 18	
3 22	14 28.84	−17 23.9	2.379	3.215	11.2	19.1
4 1	14 23.98	−17 2.2	2.295	3.213	8.4	18.9
4 11	14 17.53	−16 30.2	2.237	3.210	5.1	18.7
4 21	14 10.08	−15 50.2	2.206	3.208	1.7	18.5
5 1	14 2.39	−15 5.4	2.204	3.206	2.4	18.5
5 11	13 55.23	−14 20.4	2.230	3.203	5.8	18.7
5 21	13 49.26	−13 39.4	2.283	3.200	9.1	18.9
5 31	13 44.99	−13 6.1	2.360	3.197	11.9	19.1
235906 2005 EH_{17}			4 24.2 154°.13		0°.9/24.9 18	
3 22	14 30.62	−16 52.4	2.068	2.909	12.5	20.4
4 1	14 25.47	−16 39.2	1.990	2.910	9.3	20.2
4 11	14 18.48	−16 15.4	1.936	2.911	5.7	20.0
4 21	14 10.32	−15 43.0	1.909	2.911	1.8	19.7
5 1	14 1.88	−15 5.5	1.910	2.912	2.6	19.8
5 11	13 54.08	−14 27.7	1.939	2.913	6.5	20.1
5 21	13 47.69	−13 54.2	1.994	2.913	10.1	20.3
5 31	13 43.25	−13 28.8	2.072	2.914	13.2	20.5
169653 2002 JC_{49}			4 24.2 41°.17		2°.5/25.9 18	
3 22	14 31.26	−20 49.6	1.183	2.044	18.6	19.3
4 1	14 26.84	−20 31.5	1.131	2.058	14.1	19.0
4 11	14 19.59	−19 51.6	1.099	2.073	8.9	18.8
4 21	14 10.61	−18 53.2	1.089	2.089	3.8	18.5
5 1	14 1.40	−17 43.4	1.103	2.105	3.9	18.6
5 11	13 53.49	−16 32.2	1.141	2.122	8.8	18.9
5 21	13 47.93	−15 28.8	1.202	2.140	13.6	19.2
5 31	13 45.32	−14 40.2	1.282	2.158	17.6	19.5
12668 1979 MX_{1}			4 24.2 7°.35		1°.7/25.6 18	
3 22	14 29.90	−19 32.3	1.818	2.659	14.0	18.3
4 1	14 25.19	−19 15.6	1.742	2.660	10.5	18.1
4 11	14 18.41	−18 44.4	1.688	2.660	6.6	17.9
4 21	14 10.32	−18 0.7	1.660	2.660	2.7	17.6
5 1	14 1.91	−17 8.8	1.660	2.661	3.0	17.6
5 11	13 54.24	−16 14.6	1.686	2.662	7.0	17.9
5 21	13 48.14	−15 24.3	1.737	2.663	10.9	18.1
5 31	13 44.23	−14 43.2	1.810	2.664	14.3	18.3
457700 2009 EE_{25}			4 24.2 64°.15		0°.1/24.2 18	
3 22	14 33.07	−15 16.0	1.346	2.210	16.6	21.6
4 1	14 27.85	−14 47.7	1.291	2.223	12.2	21.3
4 11	14 20.06	−14 5.5	1.257	2.237	7.1	21.1
4 21	14 10.71	−13 13.9	1.247	2.251	1.7	20.8
5 1	14 1.16	−12 19.5	1.263	2.264	3.7	20.9
5 11	13 52.75	−11 30.0	1.304	2.278	8.8	21.3
5 21	13 46.47	−10 51.6	1.368	2.293	13.4	21.6
5 31	13 42.91	−10 28.6	1.452	2.307	17.1	21.8
17848 1998 HR_{133}			4 24.2 288°.68		2°.8/21.6 18	R
3 22	14 28.77	− 6 7.7	2.183	3.045	11.1	18.6
4 1	14 24.06	− 5 30.3	2.097	3.030	8.1	18.4
4 11	14 17.66	− 4 49.7	2.037	3.016	4.9	18.2
4 21	14 10.14	− 4 9.9	2.003	3.001	2.8	18.0
5 1	14 2.29	− 3 35.6	1.998	2.986	4.6	18.1
5 11	13 54.94	− 3 10.8	2.020	2.971	7.9	18.3
5 21	13 48.80	− 2 58.5	2.067	2.957	11.2	18.4
5 31	13 44.43	− 3 0.2	2.135	2.942	14.1	18.6
408318 2013 GG_{47}			4 24.2 73°.14		0°.3/23.9 18	
3 22	14 32.91	−15 23.7	1.311	2.176	16.8	21.1
4 1	14 27.80	−14 42.8	1.254	2.187	12.4	20.8
4 11	14 20.07	−13 47.0	1.218	2.199	7.2	20.6
4 21	14 10.74	−12 41.1	1.207	2.210	1.7	20.2
5 1	14 1.17	−11 33.1	1.221	2.222	3.9	20.4
5 11	13 52.76	−10 31.5	1.260	2.234	9.1	20.8
5 21	13 46.52	− 9 43.4	1.322	2.245	13.8	21.1
5 31	13 43.06	− 9 13.1	1.403	2.257	17.7	21.3
353866 2012 WN_{2}			4 24.2 97°.41		0°.1/24.1 17	R
3 22	14 29.32	−14 47.6	2.319	3.163	11.2	21.6
4 1	14 24.23	−14 18.3	2.253	3.176	8.2	21.4
4 11	14 17.62	−13 40.6	2.212	3.189	4.8	21.3
4 21	14 10.11	−12 57.4	2.198	3.202	1.2	21.0
5 1	14 2.47	−12 12.5	2.214	3.214	2.5	21.1
5 11	13 55.46	−11 30.3	2.258	3.227	6.0	21.4
5 21	13 49.69	−10 54.7	2.328	3.239	9.2	21.6
5 31	13 45.62	−10 28.6	2.422	3.251	11.9	21.8

112609 2002 PE_{63} 4 24.2 275°.96 4°.0/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 33.23	−23 38.1	1.597	2.427	16.1	19.5
4 1	14 28.14	−23 49.6	1.512	2.418	12.7	19.3
4 11	14 20.42	−23 42.4	1.448	2.409	8.7	19.0
4 21	14 10.88	−23 16.1	1.408	2.400	5.0	18.8
5 1	14 0.74	−22 33.2	1.394	2.391	4.5	18.7
5 11	13 51.37	−21 39.8	1.406	2.383	8.1	18.9
5 21	13 43.91	−20 43.7	1.442	2.374	12.3	19.1
5 31	13 39.14	−19 52.7	1.499	2.365	16.1	19.3

280332 2003 SL_{79} 4 24.2 217°.49 0°.2/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 29.74	−16 21.5	2.267	3.107	11.6	20.8
4 1	14 24.72	−15 42.0	2.181	3.101	8.6	20.6
4 11	14 18.02	−14 51.5	2.119	3.095	5.1	20.4
4 21	14 10.25	−13 52.7	2.084	3.088	1.3	20.1
5 1	14 2.19	−12 50.3	2.079	3.080	2.6	20.2
5 11	13 54.70	−11 49.4	2.103	3.073	6.4	20.4
5 21	13 48.45	−10 55.2	2.153	3.065	9.8	20.6
5 31	13 43.99	−10 11.6	2.226	3.056	12.8	20.8

5119 1988 RA_{1} 4 24.2 258°.29 3°.6/30.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 24.43	−33 42.2	4.659	5.395	7.7	17.9
4 1	14 20.27	−33 51.4	4.557	5.387	6.4	17.7
4 11	14 15.19	−33 50.3	4.479	5.380	5.1	17.6
4 21	14 9.53	−33 38.9	4.427	5.372	4.0	17.5
5 1	14 3.71	−33 17.9	4.404	5.364	3.6	17.5
5 11	13 58.14	−32 49.0	4.409	5.357	4.1	17.5
5 21	13 53.21	−32 14.3	4.442	5.349	5.3	17.6
5 31	13 49.24	−31 36.5	4.501	5.341	6.6	17.7

518624 2008 DG_{90} 4 24.2 111°.17 3°.7/27.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.34	−25 31.1	2.566	3.361	11.8	22.2
4 1	14 27.24	−25 58.4	2.490	3.372	9.3	22.0
4 11	14 19.45	−26 13.0	2.437	3.382	6.6	21.9
4 21	14 10.60	−26 14.3	2.411	3.393	4.3	21.7
5 1	14 1.48	−26 3.4	2.415	3.403	3.9	21.7
5 11	13 52.94	−25 43.3	2.447	3.413	5.8	21.9
5 21	13 45.67	−25 18.0	2.506	3.423	8.4	22.0
5 31	13 40.20	−24 51.9	2.589	3.433	10.8	22.2

294702 2008 BR_{7} 4 24.2 84°.40 2°.0/25.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.47	−19 33.0	2.284	3.111	12.0	20.4
4 1	14 26.00	−19 43.7	2.205	3.114	9.1	20.2
4 11	14 18.78	−19 43.9	2.150	3.116	5.9	20.0
4 21	14 10.44	−19 34.1	2.121	3.119	2.7	19.8
5 1	14 1.81	−19 16.6	2.121	3.121	2.8	19.8
5 11	13 53.75	−18 54.8	2.150	3.124	5.9	20.0
5 21	13 47.01	−18 32.6	2.205	3.126	9.2	20.2
5 31	13 42.12	−18 14.1	2.284	3.129	12.0	20.4

253226 2002 YV_{9} 4 24.2 206°.75 2°.3/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.15	−21 56.9	2.213	3.030	12.7	20.9
4 1	14 27.35	−21 40.4	2.121	3.024	9.7	20.7
4 11	14 19.64	−21 9.3	2.054	3.017	6.4	20.4
4 21	14 10.68	−20 24.9	2.014	3.010	3.1	20.2
5 1	14 1.37	−19 30.3	2.002	3.002	3.0	20.2
5 11	13 52.65	−18 30.7	2.020	2.993	6.3	20.4
5 21	13 45.34	−17 31.9	2.064	2.984	9.8	20.6
5 31	13 40.01	−16 39.4	2.132	2.974	12.9	20.8

134701 1999 XT_{122} 4 24.2 200°.90 2°.2/26.0 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 34.46	−21 9.5	2.132	2.952	13.0	21.4
4 1	14 28.36	−20 58.2	2.043	2.948	9.9	21.1
4 11	14 20.25	−20 32.8	1.978	2.943	6.4	20.9
4 21	14 10.83	−19 54.3	1.940	2.937	3.0	20.7
5 1	14 1.04	−19 5.9	1.930	2.930	3.0	20.7
5 11	13 51.87	−18 12.7	1.950	2.923	6.5	20.9
5 21	13 44.17	−17 20.4	1.996	2.914	10.1	21.1
5 31	13 38.56	−16 34.4	2.065	2.905	13.3	21.3

136882 1998 FE_{134} 4 24.2 15°.69 1°.0/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 28.18	−12 0.8	1.832	2.694	12.9	19.3
4 1	14 23.82	−11 31.8	1.764	2.698	9.4	19.1
4 11	14 17.57	−10 54.8	1.721	2.702	5.4	18.9
4 21	14 10.16	−10 13.7	1.703	2.706	1.4	18.6
5 1	14 2.51	− 9 33.2	1.712	2.711	3.5	18.8
5 11	13 55.57	− 8 58.7	1.748	2.717	7.5	19.0
5 21	13 50.11	− 8 34.0	1.809	2.723	11.2	19.3
5 31	13 46.66	− 8 21.9	1.891	2.729	14.4	19.5

478201 2011 UB_{253} 4 24.2 225°.40 0°.1/24.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 28.52	−14 21.2	2.839	3.677	9.6	22.4
4 1	14 23.57	−13 54.8	2.747	3.667	7.0	22.2
4 11	14 17.26	−13 21.1	2.681	3.657	4.1	22.0
4 21	14 10.09	−12 42.4	2.643	3.647	1.0	21.8
5 1	14 2.68	−12 1.7	2.635	3.636	2.2	21.9
5 11	13 55.67	−11 22.5	2.657	3.624	5.4	22.1
5 21	13 49.63	−10 48.3	2.706	3.613	8.3	22.2
5 31	13 45.01	−10 21.8	2.779	3.601	10.8	22.4

5074 Goetzoertel 4 24.2 180°.24 3°.7/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 31.02	−26 41.3	2.506	3.300	12.0	17.3
4 1	14 25.64	−26 45.0	2.419	3.301	9.5	17.1
4 11	14 18.57	−26 33.9	2.356	3.301	6.8	17.0
4 21	14 10.42	−26 8.2	2.320	3.302	4.4	16.8
5 1	14 1.99	−25 29.7	2.311	3.301	3.9	16.8
5 11	13 54.11	−24 42.4	2.331	3.301	5.8	16.9
5 21	13 47.49	−23 51.2	2.378	3.300	8.5	17.1
5 31	13 42.65	−23 1.3	2.450	3.299	11.2	17.2

289513 2005 EO_{162} 4 24.2 70°.24 0°.4/24.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 32.08	−15 21.8	1.893	2.740	13.2	21.5
4 1	14 26.51	−15 7.6	1.836	2.760	9.7	21.4
4 11	14 19.06	−14 43.6	1.802	2.779	5.7	21.2
4 21	14 10.52	−14 12.4	1.795	2.798	1.5	20.9
5 1	14 1.85	−13 38.0	1.815	2.817	2.8	21.0
5 11	13 54.02	−13 5.5	1.863	2.836	6.8	21.3
5 21	13 47.76	−12 38.9	1.937	2.855	10.4	21.6
5 31	13 43.59	−12 21.6	2.033	2.874	13.5	21.8

306097 2010 HS_{58} 4 24.2 160°.06 3°.5/20.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 26.88	− 4 46.4	2.351	3.215	10.4	21.1
4 1	14 22.48	− 3 36.3	2.282	3.216	7.6	20.9
4 11	14 16.65	− 2 23.7	2.240	3.216	4.8	20.7
4 21	14 9.94	− 1 13.7	2.225	3.217	3.5	20.6
5 1	14 3.05	− 0 11.7	2.239	3.218	5.2	20.7
5 11	13 56.71	+ 0 37.9	2.281	3.218	8.0	20.9
5 21	13 51.49	+ 1 12.3	2.348	3.219	10.8	21.1
5 31	13 47.84	+ 1 30.2	2.436	3.219	13.2	21.2

376307 2011 FX_{157} 4 24.2 293°.74 2°.3/22.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 35.38	− 6 32.3	1.775	2.634	13.4	20.4
4 1	14 29.27	− 6 34.9	1.696	2.627	9.9	20.2
4 11	14 20.89	− 6 36.0	1.641	2.620	5.9	19.9
4 21	14 11.02	− 6 38.5	1.612	2.613	2.5	19.7
5 1	14 0.71	− 6 45.6	1.611	2.606	4.4	19.8
5 11	13 51.09	− 7 0.2	1.638	2.600	8.6	20.0
5 21	13 43.12	− 7 24.4	1.689	2.593	12.5	20.3
5 31	13 37.47	− 7 59.1	1.762	2.586	15.9	20.5

365171 2009 DJ_{140} 4 24.2 143°.85 0°.4/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 36.23	−14 33.8	1.602	2.452	15.1	20.7
4 1	14 30.03	−14 32.0	1.532	2.457	11.1	20.5
4 11	14 21.36	−14 19.9	1.485	2.462	6.6	20.2
4 21	14 11.13	−13 59.6	1.463	2.467	1.8	19.9
5 1	14 0.53	−13 35.0	1.469	2.471	3.3	20.0
5 11	13 50.84	−13 11.3	1.502	2.475	8.1	20.3
5 21	13 43.06	−12 53.6	1.559	2.478	12.4	20.6
5 31	13 37.87	−12 45.6	1.638	2.482	16.0	20.8

231318 2006 CO_{40} 4 24.2 218°.62 1°.5/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.11	−10 10.5	2.093	2.947	11.8	21.0
4 1	14 25.82	− 9 38.9	2.013	2.942	8.6	20.8
4 11	14 18.72	− 9 1.2	1.958	2.937	5.0	20.5
4 21	14 10.47	− 8 20.8	1.930	2.932	1.7	20.3
5 1	14 1.91	− 7 42.3	1.930	2.927	3.7	20.4
5 11	13 53.96	− 7 10.1	1.959	2.921	7.4	20.6
5 21	13 47.34	− 6 47.9	2.013	2.915	10.9	20.8
5 31	13 42.63	− 6 38.0	2.089	2.908	13.9	21.0

206794 2004 DU_{30} 4 24.2 113°.85 0°.4/24.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 30.20	−15 53.4	2.171	3.013	11.9	20.8
4 1	14 25.07	−15 34.0	2.097	3.019	8.8	20.6
4 11	14 18.23	−15 4.9	2.048	3.024	5.3	20.4
4 21	14 10.34	−14 28.6	2.027	3.030	1.5	20.1
5 1	14 2.23	−13 48.8	2.033	3.035	2.5	20.2
5 11	13 54.75	−13 10.1	2.068	3.040	6.3	20.5
5 21	13 48.61	−12 36.7	2.129	3.045	9.7	20.7
5 31	13 44.30	−12 12.0	2.213	3.050	12.6	20.9

435044 2006 WK_{55} 4 24.2 227°.30 5°.4/18.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.74	+ 6 37.3	2.810	3.654	9.5	21.4
4 1	14 25.83	+ 7 12.3	2.733	3.644	7.5	21.2
4 11	14 18.55	+ 7 41.5	2.683	3.632	5.9	21.1
4 21	14 10.41	+ 8 1.0	2.661	3.621	5.5	21.1
5 1	14 2.06	+ 8 7.4	2.667	3.608	6.6	21.1
5 11	13 54.16	+ 7 58.9	2.701	3.596	8.6	21.2
5 21	13 47.28	+ 7 35.2	2.760	3.583	10.8	21.4
5 31	13 41.87	+ 6 56.9	2.840	3.569	12.7	21.5

137928 2000 BO_{24} 4 24.2 79°.04 1°.4/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 38.00	−15 45.0	1.565	2.411	15.6	19.6
4 1	14 31.30	−16 10.0	1.503	2.425	11.6	19.4
4 11	14 22.09	−16 24.5	1.465	2.439	7.1	19.2
4 21	14 11.30	−16 29.4	1.452	2.453	2.4	18.9
5 1	14 0.22	−16 26.9	1.466	2.467	3.3	19.0
5 11	13 50.17	−16 21.3	1.507	2.481	7.9	19.3
5 21	13 42.16	−16 17.2	1.573	2.495	12.1	19.6
5 31	13 36.85	−16 18.7	1.660	2.509	15.6	19.9

310454 2000 QQ_{41} 4 24.2 212°.71 0°.9/23.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 33.79	−13 13.9	1.823	2.674	13.5	21.5
4 1	14 28.07	−12 34.2	1.740	2.667	9.9	21.3
4 11	14 20.17	−11 43.9	1.681	2.660	5.8	21.0
4 21	14 10.85	−10 46.7	1.649	2.652	1.5	20.7
5 1	14 1.13	− 9 48.2	1.645	2.644	3.6	20.8
5 11	13 52.11	− 8 54.8	1.668	2.635	8.0	21.1
5 21	13 44.69	− 8 11.9	1.717	2.625	12.1	21.3
5 31	13 39.53	− 7 43.3	1.787	2.614	15.6	21.5

170364 2003 SV_{210} 4 24.2 308°.45 0°.3/24.4 17 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 29.35	−17 24.1	1.355	2.219	16.5	19.7
4 1	14 25.46	−16 35.4	1.276	2.208	12.3	19.4
4 11	14 18.92	−15 27.1	1.218	2.197	7.4	19.1
4 21	14 10.58	−14 3.6	1.184	2.187	1.9	18.7
5 1	14 1.70	−12 32.8	1.175	2.177	3.8	18.8
5 11	13 53.68	−11 5.2	1.191	2.167	9.2	19.1
5 21	13 47.64	− 9 50.2	1.230	2.158	14.2	19.3
5 31	13 44.36	− 8 54.6	1.288	2.149	18.5	19.6

268442 2005 WK_{23} 4 24.2 215°.16 0°.9/24.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 32.31	−17 5.9	2.017	2.856	12.9	21.6
4 1	14 26.84	−16 48.8	1.932	2.851	9.6	21.3
4 11	14 19.39	−16 20.1	1.871	2.845	5.9	21.1
4 21	14 10.66	−15 41.9	1.837	2.840	1.9	20.8
5 1	14 1.55	−14 57.9	1.832	2.833	2.7	20.9
5 11	13 53.08	−14 13.4	1.854	2.827	6.8	21.1
5 21	13 46.07	−13 33.4	1.902	2.820	10.6	21.3
5 31	13 41.12	−13 2.3	1.973	2.813	13.9	21.5

140065 2001 SZ_{105} 4 24.2 134°.26 1°.3/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 29.96	−19 22.6	2.654	3.477	10.6	20.9
4 1	14 24.61	−19 4.8	2.580	3.488	8.0	20.7
4 11	14 17.85	−18 36.8	2.531	3.499	5.0	20.6
4 21	14 10.24	−18 0.3	2.510	3.509	2.0	20.4
5 1	14 2.48	−17 18.3	2.518	3.519	2.2	20.4
5 11	13 55.27	−16 34.7	2.556	3.529	5.2	20.6
5 21	13 49.20	−15 53.4	2.621	3.538	8.1	20.8
5 31	13 44.69	−15 17.9	2.711	3.547	10.6	21.0

209503 2004 KU_{17} 4 24.2 159°.17 15°.1/10.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.63	+14 38.7	1.211	2.078	17.8	19.8
4 1	14 28.49	+17 52.2	1.180	2.082	15.8	19.7
4 11	14 20.56	+20 44.3	1.172	2.086	15.1	19.7
4 21	14 10.94	+22 58.2	1.185	2.089	16.0	19.7
5 1	14 1.09	+24 22.9	1.219	2.092	18.1	19.9
5 11	13 52.48	+24 55.7	1.271	2.094	20.7	20.0
5 21	13 46.17	+24 41.1	1.337	2.096	23.1	20.2
5 31	13 42.77	+23 47.0	1.415	2.097	25.2	20.4

407886 2012 BF_{110} 4 24.2 159°.02 1°.4/23.0 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.82	−11 26.1	1.912	2.764	12.9	22.5
4 1	14 27.84	−10 44.7	1.843	2.771	9.4	22.3
4 11	14 19.90	− 9 55.2	1.798	2.777	5.4	22.0
4 21	14 10.77	− 9 2.0	1.780	2.783	1.7	21.8
5 1	14 1.41	− 8 10.3	1.791	2.788	3.8	21.9
5 11	13 52.82	− 7 25.6	1.830	2.792	7.8	22.2
5 21	13 45.80	− 6 52.3	1.894	2.796	11.5	22.4
5 31	13 40.89	− 6 33.0	1.980	2.798	14.6	22.6

457404 2008 TK_{122} 4 24.2 229°.30 2°.4/22.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 34.14	−10 0.1	1.622	2.484	14.3	21.7
4 1	14 28.57	− 9 8.4	1.540	2.474	10.5	21.5
4 11	14 20.58	− 8 7.3	1.482	2.463	6.2	21.2
4 21	14 10.98	− 7 2.2	1.450	2.452	2.5	20.9
5 1	14 0.89	− 6 0.1	1.445	2.440	5.0	21.1
5 11	13 51.55	− 5 8.1	1.467	2.427	9.5	21.3
5 21	13 43.97	− 4 31.7	1.512	2.414	13.9	21.5
5 31	13 38.87	− 4 14.1	1.578	2.400	17.6	21.7

503518 2016 FK_{9} 4 24.2 66°.24 2°.4/22.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.67	−10 4.6	1.457	2.328	15.1	21.4
4 1	14 26.69	− 9 13.4	1.399	2.337	10.9	21.2
4 11	14 19.37	− 8 13.7	1.364	2.347	6.4	20.9
4 21	14 10.65	− 7 11.9	1.354	2.356	2.5	20.7
5 1	14 1.70	− 6 15.2	1.370	2.366	5.0	20.9
5 11	13 53.75	− 5 30.5	1.412	2.376	9.5	21.2
5 21	13 47.70	− 5 2.2	1.477	2.385	13.6	21.4
5 31	13 44.14	− 4 52.5	1.561	2.395	17.1	21.7

405194 2003 CD_{1} 4 24.2 102°.35 2°.7/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 37.97	−20 56.0	1.974	2.792	13.9	20.5
4 1	14 30.81	−21 11.2	1.914	2.817	10.6	20.3
4 11	14 21.60	−21 13.0	1.878	2.841	6.9	20.1
4 21	14 11.18	−21 1.8	1.869	2.864	3.5	20.0
5 1	14 0.61	−20 40.1	1.889	2.887	3.3	20.0
5 11	13 50.96	−20 12.4	1.937	2.909	6.6	20.3
5 21	13 43.06	−19 43.8	2.011	2.931	10.0	20.5
5 31	13 37.43	−19 19.2	2.109	2.951	13.0	20.7

428803 2008 TH_{9} 4 24.2 257°.08 4°.9/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 30.13	−14 12.6	1.011	1.897	19.0	21.0
4 1	14 26.48	−11 0.9	0.944	1.891	13.7	20.6
4 11	14 19.66	− 7 16.3	0.900	1.886	8.0	20.3
4 21	14 10.78	− 3 17.3	0.882	1.880	5.0	20.1
5 1	14 1.43	+ 0 30.8	0.889	1.875	9.3	20.3
5 11	13 53.33	+ 3 44.4	0.921	1.869	15.2	20.6
5 21	13 47.70	+ 6 9.9	0.972	1.863	20.6	20.9
5 31	13 45.30	+ 7 44.1	1.040	1.857	24.9	21.2

209690 2005 EN_{22} 4 24.2 292°.12 0°.6/24.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 30.14	−16 20.9	1.981	2.827	12.8	20.3
4 1	14 25.25	−16 2.0	1.901	2.824	9.5	20.1
4 11	14 18.46	−15 32.0	1.846	2.822	5.7	19.8
4 21	14 10.44	−14 53.5	1.816	2.819	1.7	19.6
5 1	14 2.10	−14 10.5	1.815	2.816	2.7	19.6
5 11	13 54.41	−13 27.9	1.841	2.814	6.8	19.9
5 21	13 48.14	−12 50.9	1.892	2.811	10.5	20.1
5 31	13 43.89	−12 23.3	1.966	2.809	13.8	20.3

140166 2001 SV_{178} 4 24.2 196°.94 1°.5/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 27.60	−11 24.8	2.571	3.421	10.1	20.5
4 1	14 22.95	−10 19.6	2.490	3.419	7.3	20.3
4 11	14 16.91	− 9 7.1	2.437	3.416	4.2	20.1
4 21	14 10.04	− 7 51.3	2.412	3.414	1.6	19.9
5 1	14 2.97	− 6 37.4	2.417	3.410	3.3	20.0
5 11	13 56.41	− 5 30.2	2.451	3.407	6.4	20.2
5 21	13 50.90	− 4 33.7	2.512	3.403	9.4	20.4
5 31	13 46.89	− 3 50.6	2.596	3.399	11.9	20.6

253731 2003 WG_{19} 4 24.2 159°.33 3°.2/26.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 34.50	−22 47.9	1.747	2.572	15.1	21.2
4 1	14 28.73	−22 47.8	1.671	2.576	11.7	21.0
4 11	14 20.61	−22 30.4	1.617	2.579	7.8	20.8
4 21	14 10.98	−21 56.3	1.588	2.582	4.2	20.5
5 1	14 0.97	−21 8.9	1.586	2.585	3.8	20.5
5 11	13 51.80	−20 14.3	1.611	2.587	7.4	20.7
5 21	13 44.44	−19 19.5	1.662	2.589	11.3	21.0
5 31	13 39.55	−18 31.1	1.735	2.590	14.7	21.2

32210 2000 OD_{10} 4 24.2 302°.97 6°.8/18.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 29.83	+ 1 7.2	1.600	2.476	13.7	18.6
4 1	14 25.32	+ 2 23.9	1.532	2.466	10.5	18.4
4 11	14 18.63	+ 3 38.8	1.486	2.455	7.7	18.2
4 21	14 10.51	+ 4 43.8	1.466	2.445	6.9	18.1
5 1	14 2.01	+ 5 30.8	1.472	2.435	8.9	18.2
5 11	13 54.26	+ 5 54.7	1.501	2.426	12.2	18.3
5 21	13 48.15	+ 5 53.4	1.552	2.416	15.6	18.5
5 31	13 44.34	+ 5 27.9	1.621	2.407	18.6	18.7

39076 2000 VL_{22} 4 24.2 75°.09 1°.0/25.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 30.91	−17 44.9	1.792	2.637	13.9	19.1
4 1	14 25.93	−17 21.8	1.720	2.642	10.4	18.8
4 11	14 18.89	−16 45.5	1.672	2.646	6.3	18.6
4 21	14 10.56	−15 58.5	1.649	2.651	2.1	18.3
5 1	14 1.95	−15 5.6	1.654	2.656	2.9	18.4
5 11	13 54.12	−14 12.9	1.685	2.660	7.1	18.7
5 21	13 47.90	−13 26.3	1.742	2.665	11.1	18.9
5 31	13 43.89	−12 50.3	1.821	2.670	14.4	19.1

474938 2005 SO_{280} 4 24.2 255°.45 0°.2/24.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 27.54	−16 13.8	2.445	3.286	10.8	21.7
4 1	14 23.06	−15 35.1	2.357	3.278	8.0	21.5
4 11	14 17.06	−14 46.1	2.294	3.270	4.8	21.3
4 21	14 10.10	−13 49.9	2.259	3.262	1.2	21.0
5 1	14 2.89	−12 50.3	2.253	3.254	2.4	21.1
5 11	13 56.17	−11 52.2	2.276	3.246	5.9	21.3
5 21	13 50.57	−11 0.2	2.325	3.238	9.1	21.5
5 31	13 46.57	−10 17.9	2.398	3.230	12.0	21.7

291380 2006 CW_{12} 4 24.2 279°.53 3°.6/21.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 32.07	− 7 50.5	1.398	2.273	15.4	20.5
4 1	14 27.39	− 6 54.5	1.319	2.258	11.3	20.2
4 11	14 20.06	− 5 50.1	1.262	2.244	6.8	19.9
4 21	14 10.91	− 4 44.0	1.230	2.229	3.6	19.6
5 1	14 1.17	− 3 44.6	1.223	2.215	6.3	19.7
5 11	13 52.21	− 2 59.8	1.241	2.200	11.0	20.0
5 21	13 45.18	− 2 34.9	1.281	2.185	15.6	20.2
5 31	13 40.86	− 2 32.3	1.339	2.170	19.6	20.4

504541 2008 SP_{95} 4 24.2 199°.48 1°.2/25.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.27	−18 15.7	2.100	2.935	12.6	21.8
4 1	14 26.01	−18 0.0	2.018	2.934	9.4	21.6
4 11	14 18.89	−17 32.4	1.960	2.932	5.8	21.4
4 21	14 10.57	−16 54.9	1.929	2.930	2.1	21.1
5 1	14 1.95	−16 10.9	1.926	2.928	2.6	21.1
5 11	13 53.94	−15 25.4	1.951	2.925	6.4	21.4
5 21	13 47.34	−14 43.5	2.003	2.922	10.0	21.6
5 31	13 42.70	−14 9.5	2.077	2.919	13.2	21.8

349421 2008 AJ_{22} 4 24.2 115°.25 2°.7/21.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 29.01	− 5 27.3	2.476	3.333	10.1	21.0
4 1	14 23.93	− 4 45.9	2.414	3.344	7.4	20.9
4 11	14 17.47	− 4 2.9	2.377	3.355	4.5	20.7
4 21	14 10.20	− 3 21.9	2.369	3.365	2.7	20.6
5 1	14 2.80	− 2 47.1	2.390	3.375	4.3	20.7
5 11	13 55.97	− 2 21.6	2.439	3.385	7.1	20.9
5 21	13 50.28	− 2 7.5	2.514	3.395	9.8	21.1
5 31	13 46.13	− 2 6.0	2.611	3.404	12.1	21.3

435990 2009 EL_{20} 4 24.2 49°.79 5°.4/19.4 17

3 22	14 28.94	+ 0 45.2	1.999	2.867	11.7	20.4
4 1	14 24.16	+ 1 43.5	1.944	2.874	8.8	20.2
4 11	14 17.70	+ 2 38.9	1.913	2.881	6.3	20.1
4 21	14 10.26	+ 3 25.6	1.908	2.889	5.4	20.0
5 1	14 2.67	+ 3 58.6	1.931	2.896	7.0	20.2
5 11	13 55.77	+ 4 14.3	1.979	2.904	9.7	20.3
5 21	13 50.23	+ 4 11.7	2.051	2.912	12.5	20.5
5 31	13 46.53	+ 3 51.3	2.143	2.920	15.0	20.7

265542 2005 OM_2 4 24.2 285°.50 0°.3/24.4 17 R

3 22	14 34.28	−14 13.5	1.655	2.508	14.5	20.5
4 1	14 28.92	−14 14.6	1.558	2.485	10.9	20.2
4 11	14 20.98	−14 6.0	1.483	2.461	6.6	19.9
4 21	14 11.18	−13 49.4	1.434	2.438	1.7	19.5
5 1	14 0.60	−13 27.9	1.413	2.414	3.4	19.6
5 11	13 50.55	−13 6.7	1.417	2.390	8.4	19.8
5 21	13 42.19	−12 50.9	1.446	2.366	13.0	20.0
5 31	13 36.39	−12 44.9	1.495	2.343	17.1	20.2

308334 2005 NN_{99} 4 24.2 256°.91 0°.4/24.6 16

3 22	14 28.51	−16 46.5	2.514	3.350	10.7	21.7
4 1	14 23.79	−16 11.7	2.416	3.334	8.0	21.5
4 11	14 17.53	−15 26.3	2.343	3.317	4.8	21.3
4 21	14 10.25	−14 33.0	2.298	3.301	1.4	21.0
5 1	14 2.65	−13 35.2	2.282	3.283	2.3	21.0
5 11	13 55.49	−12 37.8	2.295	3.266	5.8	21.2
5 21	13 49.42	−11 45.4	2.336	3.248	9.1	21.4
5 31	13 44.94	−11 1.8	2.400	3.230	12.0	21.6

469361 2001 HY_{65} 4 24.2 56°.13 0°.2/21.6 15

3 22	14 10.21	− 5 33.9	40.004	40.857	0.7	22.4
4 1	14 9.55	− 5 28.8	39.930	40.860	0.5	22.4
4 11	14 8.83	− 5 23.7	39.885	40.863	0.3	22.3
4 21	14 8.07	− 5 18.7	39.868	40.866	0.2	22.3
5 1	14 7.30	− 5 14.0	39.882	40.869	0.3	22.3
5 11	14 6.55	− 5 9.7	39.924	40.871	0.5	22.4
5 21	14 5.85	− 5 6.0	39.993	40.874	0.7	22.4
5 31	14 5.22	− 5 2.9	40.088	40.877	0.9	22.4

68144 Mizser 4 24.2 262°.64 2°.2/22.4 18

3 22	14 30.68	− 8 40.0	1.903	2.765	12.5	19.5
4 1	14 25.68	− 8 3.2	1.826	2.759	9.1	19.3
4 11	14 18.74	− 7 20.9	1.773	2.753	5.4	19.1
4 21	14 10.56	− 6 37.3	1.746	2.747	2.3	18.9
5 1	14 2.05	− 5 57.6	1.748	2.742	4.4	19.0
5 11	13 54.18	− 5 26.6	1.776	2.736	8.2	19.2
5 21	13 47.76	− 5 8.0	1.829	2.730	11.9	19.4
5 31	13 43.38	− 5 3.9	1.903	2.724	15.0	19.6

496558 2014 WO_{479} 4 24.2 102°.79 6°.2/18.3 18

3 22	14 31.54	+ 2 48.9	2.026	2.888	11.9	21.2
4 1	14 25.90	+ 4 10.9	1.986	2.910	9.1	21.0
4 11	14 18.63	+ 5 27.9	1.970	2.931	6.8	20.9
4 21	14 10.48	+ 6 33.2	1.982	2.951	6.3	20.9
5 1	14 2.31	+ 7 21.3	2.021	2.972	7.8	21.0
5 11	13 54.93	+ 7 49.0	2.087	2.991	10.3	21.2
5 21	13 48.99	+ 7 55.7	2.175	3.011	12.8	21.4
5 31	13 44.91	+ 7 42.6	2.283	3.029	15.0	21.6

37977 1998 HC_{123} 4 24.2 188°.85 1°.1/22.7 18

3 22	14 27.34	−12 13.4	2.897	3.741	9.2	18.8
4 1	14 22.64	−11 10.5	2.815	3.740	6.7	18.6
4 11	14 16.70	−10 0.7	2.760	3.739	3.8	18.4
4 21	14 10.03	− 8 47.4	2.734	3.737	1.3	18.2
5 1	14 3.20	− 7 35.1	2.739	3.735	2.8	18.3
5 11	13 56.82	− 6 28.1	2.774	3.732	5.7	18.5
5 21	13 51.38	− 5 30.1	2.837	3.729	8.4	18.7
5 31	13 47.28	− 4 43.8	2.924	3.725	10.8	18.9

19199 1992 FL_3 4 24.2 312°.91 1°.1/23.2 18

3 22	14 28.03	−11 46.7	2.062	2.920	11.9	18.7
4 1	14 23.68	−11 14.0	1.978	2.909	8.7	18.5
4 11	14 17.55	−10 33.5	1.918	2.898	5.0	18.2
4 21	14 10.28	− 9 48.7	1.885	2.888	1.4	18.0
5 1	14 2.66	− 9 4.1	1.880	2.878	3.4	18.1
5 11	13 55.60	− 8 24.9	1.902	2.868	7.2	18.3
5 21	13 49.82	− 7 54.9	1.949	2.858	10.8	18.5
5 31	13 45.89	− 7 37.3	2.018	2.849	13.9	18.7

480254 2015 HT_{60} 4 24.2 279°.44 3°.0/20.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 27.08	− 7 21.1	2.364	3.225	10.4	21.2
4 1	14 22.81	− 6 3.4	2.270	3.203	7.6	21.0
4 11	14 16.98	− 4 39.2	2.202	3.181	4.7	20.7
4 21	14 10.13	− 3 13.5	2.162	3.158	3.0	20.6
5 1	14 2.96	− 1 52.4	2.152	3.136	4.8	20.7
5 11	13 56.20	− 0 41.7	2.170	3.113	8.0	20.8
5 21	13 50.53	+ 0 14.3	2.213	3.090	11.1	21.0
5 31	13 46.46	+ 0 52.9	2.279	3.067	13.9	21.1

418929 2009 DM_1 4 24.2 102°.80 1°.3/22.5 18

3 22	14 31.92	−10 23.7	3.156	3.991	8.8	23.1
4 1	14 25.62	− 9 28.9	3.107	4.029	6.3	23.0
4 11	14 18.28	− 8 30.1	3.088	4.065	3.6	22.8
4 21	14 10.40	− 7 30.7	3.099	4.100	1.4	22.7
5 1	14 2.55	− 6 34.1	3.142	4.134	2.8	22.9
5 11	13 55.29	− 5 43.8	3.216	4.167	5.3	23.1
5 21	13 49.05	− 5 2.2	3.318	4.200	7.6	23.3
5 31	13 44.14	− 4 30.9	3.445	4.231	9.6	23.4

311284 2005 EY_{327} 4 24.2 67°.66 3°.1/22.0 18

3 22	14 32.53	− 8 41.8	1.390	2.264	15.5	20.6
4 1	14 27.32	− 7 44.7	1.341	2.280	11.2	20.4
4 11	14 19.75	− 6 41.0	1.314	2.296	6.6	20.2
4 21	14 10.80	− 5 37.5	1.311	2.312	3.1	20.0
5 1	14 1.72	− 4 42.0	1.335	2.328	5.6	20.2
5 11	13 53.74	− 4 1.1	1.383	2.344	10.0	20.5
5 21	13 47.76	− 3 38.6	1.454	2.360	14.0	20.8
5 31	13 44.32	− 3 35.7	1.545	2.376	17.5	21.0

313065 2000 SS_{144} 4 24.2 224°.71 0°.8/24.9 16

3 22	14 34.84	−17 22.1	1.964	2.799	13.3	22.3
4 1	14 28.86	−16 59.9	1.871	2.787	10.0	22.0
4 11	14 20.71	−16 24.7	1.801	2.775	6.1	21.8
4 21	14 11.09	−15 38.8	1.759	2.761	1.9	21.5
5 1	14 0.99	−14 46.0	1.745	2.747	2.9	21.5
5 11	13 51.49	−13 52.2	1.760	2.732	7.2	21.7
5 21	13 43.53	−13 3.2	1.800	2.715	11.2	21.9
5 31	13 37.76	−12 24.2	1.864	2.699	14.7	22.1

22327 1991 TS 4 24.2 259°.23 4°.2/20.9 18

3 22	14 31.77	− 5 7.6	1.649	2.519	13.7	18.5
4 1	14 26.77	− 4 8.7	1.572	2.508	10.1	18.2
4 11	14 19.52	− 3 5.6	1.519	2.498	6.3	18.0
4 21	14 10.81	− 2 4.7	1.492	2.487	4.2	17.8
5 1	14 1.66	− 1 13.1	1.492	2.476	6.4	17.9
5 11	13 53.24	− 0 37.1	1.517	2.465	10.3	18.1
5 21	13 46.46	− 0 20.2	1.565	2.454	14.2	18.3
5 31	13 42.01	− 0 23.7	1.633	2.443	17.6	18.5

106567 2000 WK_{88} 4 24.2 191°.19 3°.6/27.1 18

3 22	14 36.04	−24 39.3	2.080	2.885	13.8	19.8
4 1	14 29.67	−24 42.5	1.992	2.884	10.8	19.6
4 11	14 21.14	−24 29.4	1.928	2.881	7.5	19.4
4 21	14 11.20	−24 0.0	1.890	2.879	4.4	19.2
5 1	14 0.85	−23 16.4	1.880	2.875	3.9	19.1
5 11	13 51.19	−22 23.8	1.899	2.870	6.8	19.3
5 21	13 43.10	−21 28.3	1.944	2.865	10.2	19.5
5 31	13 37.25	−20 36.3	2.012	2.859	13.4	19.7

465892 2010 UT_7 4 24.2 296°.96 18°.8/12.1 18

3 22	15 4.27	+17 37.0	1.175	1.988	21.7	22.5
4 1	14 54.74	+20 5.0	1.049	1.920	19.9	22.1
4 11	14 38.87	+22 32.0	0.943	1.847	18.9	21.8
4 21	14 16.38	+24 34.0	0.860	1.770	19.9	21.5
5 1	13 48.50	+25 39.9	0.800	1.688	23.6	21.4
5 11	13 18.33	+25 24.9	0.763	1.601	29.5	21.3
5 21	12 49.73	+23 42.6	0.745	1.510	36.5	21.3
5 31	12 25.72	+20 45.5	0.740	1.412	43.6	21.4

341654 2007 VO_{55} 4 24.2 100°.04 1°.0/23.2 17

3 22	14 29.68	−12 15.0	2.368	3.216	10.9	21.3
4 1	14 24.47	−11 33.1	2.308	3.234	7.9	21.1
4 11	14 17.82	−10 44.6	2.273	3.252	4.5	20.9
4 21	14 10.34	− 9 53.1	2.267	3.270	1.3	20.7
5 1	14 2.78	− 9 2.7	2.290	3.288	2.9	20.9
5 11	13 55.85	− 8 17.9	2.342	3.305	6.3	21.1
5 21	13 50.15	− 7 42.0	2.420	3.322	9.3	21.3
5 31	13 46.09	− 7 17.3	2.522	3.339	11.9	21.5

438851 2009 DO_{13} 4 24.2 308°.68 5°.7/28.8 17

3 22	14 31.23	−29 18.0	2.028	2.822	14.5	20.3
4 1	14 26.42	−29 46.7	1.933	2.809	11.9	20.1
4 11	14 19.39	−29 57.4	1.859	2.795	9.0	19.9
4 21	14 10.82	−29 48.3	1.809	2.781	6.5	19.7
5 1	14 1.67	−29 20.0	1.786	2.768	5.8	19.6
5 11	13 53.09	−28 36.4	1.789	2.755	7.6	19.7
5 21	13 46.02	−27 43.5	1.817	2.743	10.5	19.9
5 31	13 41.21	−26 48.4	1.867	2.730	13.5	20.0

374380 2005 UR_{425} 4 24.2 220°.26 0°.6/24.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 32.57	−17 4.7	2.382	3.212	11.4	23.5
4 1	14 26.85	−16 37.8	2.286	3.201	8.5	23.3
4 11	14 19.39	−16 0.1	2.216	3.189	5.2	23.1
4 21	14 10.78	−15 13.7	2.174	3.176	1.6	22.8
5 1	14 1.82	−14 22.1	2.161	3.163	2.4	22.8
5 11	13 53.36	−13 30.1	2.178	3.148	6.1	23.1
5 21	13 46.13	−12 42.4	2.222	3.133	9.6	23.2
5 31	13 40.69	−12 3.3	2.290	3.117	12.6	23.4

126179 2002 AY_{13} 4 24.2 88°.69 1°.5/25.4 17 R

3 22	14 32.39	−18 38.3	1.801	2.641	14.1	20.2
4 1	14 27.00	−18 23.8	1.734	2.652	10.6	20.0
4 11	14 19.54	−17 55.8	1.690	2.663	6.6	19.8
4 21	14 10.81	−17 16.5	1.672	2.673	2.5	19.5
5 1	14 1.85	−16 30.1	1.682	2.684	2.9	19.6
5 11	13 53.72	−15 42.6	1.719	2.695	7.0	19.8
5 21	13 47.25	−14 59.6	1.781	2.705	10.8	20.1
5 31	13 43.02	−14 25.8	1.866	2.715	14.1	20.3

25555 Ratnavarma 4 24.2 98°.79 0°.4/23.9 18

3 22	14 32.62	−12 45.8	2.019	2.867	12.5	18.7
4 1	14 26.91	−12 32.1	1.953	2.879	9.1	18.5
4 11	14 19.39	−12 11.0	1.912	2.891	5.3	18.2
4 21	14 10.77	−11 45.4	1.898	2.902	1.3	18.0
5 1	14 1.95	−11 18.9	1.913	2.913	2.9	18.1
5 11	13 53.87	−10 55.6	1.956	2.925	6.8	18.4
5 21	13 47.25	−10 39.1	2.024	2.936	10.4	18.6
5 31	13 42.63	−10 32.0	2.115	2.946	13.3	18.8

417679 2007 AN_{21} 4 24.2 64°.02 5°.9/20.0 17

3 22	14 32.25	− 0 30.4	1.554	2.428	14.2	20.9
4 1	14 26.93	+ 0 28.8	1.506	2.441	10.6	20.7
4 11	14 19.48	+ 1 25.4	1.481	2.454	7.3	20.5
4 21	14 10.79	+ 2 12.2	1.481	2.467	5.9	20.5
5 1	14 1.96	+ 2 42.9	1.507	2.480	7.8	20.6
5 11	13 54.12	+ 2 53.6	1.558	2.493	11.1	20.8
5 21	13 48.06	+ 2 43.3	1.630	2.507	14.4	21.1
5 31	13 44.32	+ 2 13.4	1.722	2.520	17.3	21.3

56953 2000 SN_{6} 4 24.2 80°.40 6°.7/19.0 18

3 22	14 34.43	+ 8 33.6	2.257	3.102	11.4	18.7
4 1	14 27.98	+ 8 57.7	2.200	3.108	9.1	18.6
4 11	14 19.91	+ 9 12.3	2.167	3.113	7.3	18.5
4 21	14 10.89	+ 9 13.2	2.162	3.119	6.8	18.5
5 1	14 1.74	+ 8 57.2	2.184	3.125	7.9	18.5
5 11	13 53.30	+ 8 23.4	2.233	3.131	10.0	18.7
5 21	13 46.23	+ 7 32.7	2.306	3.136	12.3	18.8
5 31	13 41.00	+ 6 27.4	2.400	3.142	14.4	19.0

249284 2008 SF_{300} 4 24.2 160°.39 0°.3/24.7 18

3 22	14 25.28	−16 5.7	3.958	4.786	7.3	22.1
4 1	14 20.90	−15 45.1	3.877	4.791	5.4	22.0
4 11	14 15.63	−15 19.0	3.823	4.796	3.2	21.8
4 21	14 9.82	−14 48.7	3.798	4.800	0.9	21.7
5 1	14 3.91	−14 16.4	3.803	4.805	1.5	21.7
5 11	13 58.31	−13 44.4	3.839	4.809	3.8	21.9
5 21	13 53.39	−13 14.8	3.903	4.812	5.9	22.0
5 31	13 49.46	−12 49.8	3.993	4.816	7.7	22.2

284881 2009 EA_{21} 4 24.2 68°.10 5°.6/19.1 17

3 22	14 29.39	+ 1 43.3	2.052	2.918	11.6	20.0
4 1	14 24.47	+ 2 42.6	1.998	2.926	8.8	19.8
4 11	14 17.91	+ 3 38.2	1.969	2.935	6.4	19.7
4 21	14 10.40	+ 4 24.5	1.967	2.944	5.6	19.7
5 1	14 2.75	+ 4 56.4	1.992	2.953	7.2	19.8
5 11	13 55.80	+ 5 10.7	2.042	2.962	9.7	19.9
5 21	13 50.18	+ 5 6.6	2.116	2.971	12.4	20.1
5 31	13 46.37	+ 4 44.7	2.210	2.980	14.8	20.3

115581 2003 UD_{91} 4 24.2 274°.31 4°.7/20.9 17

3 22	14 32.58	− 4 17.9	1.537	2.409	14.4	19.7
4 1	14 27.57	− 3 23.3	1.458	2.395	10.7	19.4
4 11	14 20.13	− 2 25.2	1.402	2.380	6.8	19.1
4 21	14 11.02	− 1 30.2	1.371	2.366	4.7	19.0
5 1	14 1.39	− 0 45.8	1.367	2.351	6.9	19.0
5 11	13 52.47	− 0 18.3	1.387	2.336	11.1	19.2
5 21	13 45.33	− 0 11.2	1.430	2.321	15.2	19.4
5 31	13 40.68	− 0 25.5	1.491	2.306	18.8	19.6

294798 2008 CD_{74} 4 24.2 84°.30 4°.9/18.7 18

3 22	14 28.97	+ 0 48.0	2.396	3.257	10.3	20.7
4 1	14 23.84	+ 2 7.0	2.358	3.284	7.7	20.6
4 11	14 17.40	+ 3 22.8	2.346	3.310	5.6	20.5
4 21	14 10.26	+ 4 30.1	2.362	3.337	5.0	20.5
5 1	14 3.10	+ 5 23.9	2.406	3.363	6.4	20.6
5 11	13 56.61	+ 6 1.2	2.478	3.389	8.7	20.8
5 21	13 51.29	+ 6 20.9	2.574	3.414	10.9	21.0
5 31	13 47.54	+ 6 23.3	2.690	3.439	12.9	21.2

308547 2005 UY_{235} 4 24.2 331°.41 2°.6/21.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 28.61	− 6 31.8	2.189	3.051	11.1	20.5
4 1	14 23.95	− 6 0.5	2.113	3.046	8.1	20.3
4 11	14 17.67	− 5 26.4	2.063	3.042	4.9	20.1
4 21	14 10.36	− 4 53.2	2.039	3.038	2.6	19.9
5 1	14 2.80	− 4 25.1	2.044	3.034	4.3	20.0
5 11	13 55.78	− 4 5.9	2.076	3.030	7.6	20.2
5 21	13 49.99	− 3 58.2	2.133	3.027	10.7	20.4
5 31	13 45.93	− 4 3.2	2.212	3.024	13.5	20.6

499105 2009 HU_{3} 4 24.2 70°.23 4°.5/19.9 17

3 22	14 28.89	− 1 24.7	2.101	2.967	11.3	21.4
4 1	14 24.07	− 0 26.9	2.046	2.978	8.4	21.2
4 11	14 17.67	+ 0 29.8	2.017	2.989	5.7	21.1
4 21	14 10.35	+ 1 20.1	2.014	3.000	4.5	21.0
5 1	14 2.90	+ 1 59.0	2.039	3.011	6.1	21.1
5 11	13 56.13	+ 2 22.7	2.090	3.022	8.9	21.3
5 21	13 50.66	+ 2 29.9	2.165	3.033	11.7	21.5
5 31	13 46.93	+ 2 20.4	2.261	3.044	14.1	21.7

507292 2011 HZ_{83} 4 24.2 333°.83 5°.7/20.5 17

3 22	14 31.34	− 0 7.5	1.546	2.422	14.1	20.8
4 1	14 26.57	+ 0 27.4	1.476	2.411	10.7	20.5
4 11	14 19.47	+ 0 59.4	1.427	2.401	7.3	20.3
4 21	14 10.85	+ 1 22.3	1.404	2.392	5.7	20.2
5 1	14 1.80	+ 1 30.3	1.405	2.383	7.6	20.3
5 11	13 53.51	+ 1 19.6	1.432	2.375	11.2	20.5
5 21	13 46.96	+ 0 49.1	1.480	2.367	14.9	20.7
5 31	13 42.81	− 0 0.2	1.547	2.361	18.2	20.9

406550 2007 XX_{23} 4 24.2 134°.23 5°.0/20.5 18

3 22	14 35.10	− 1 18.7	1.767	2.630	13.3	21.1
4 1	14 28.84	− 0 28.8	1.711	2.641	9.9	20.9
4 11	14 20.55	+ 0 19.6	1.679	2.651	6.6	20.7
4 21	14 11.07	+ 1 0.5	1.673	2.661	5.0	20.7
5 1	14 1.43	+ 1 28.5	1.695	2.671	6.8	20.8
5 11	13 52.67	+ 1 39.7	1.744	2.679	10.1	21.0
5 21	13 45.60	+ 1 32.9	1.815	2.688	13.3	21.2
5 31	13 40.76	+ 1 8.6	1.907	2.696	16.2	21.4

373212 2012 FF_{7} 4 24.2 2°.83 3°.7/21.5 17

3 22	14 28.39	− 8 21.9	1.282	2.167	15.8	20.6
4 1	14 24.67	− 7 14.1	1.221	2.166	11.5	20.3
4 11	14 18.43	− 5 57.6	1.182	2.166	6.9	20.1
4 21	14 10.59	− 4 40.7	1.166	2.166	3.7	19.9
5 1	14 2.40	− 3 32.5	1.175	2.167	6.4	20.0
5 11	13 55.18	− 2 41.4	1.208	2.169	11.0	20.3
5 21	13 49.92	− 2 12.4	1.262	2.172	15.4	20.5
5 31	13 47.29	− 2 7.0	1.334	2.175	19.1	20.8

347386 2012 RO_{25} 4 24.2 181°.88 2°.3/26.4 17

3 22	14 31.19	−21 42.3	2.329	3.148	12.0	22.1
4 1	14 25.87	−21 35.4	2.245	3.148	9.2	21.9
4 11	14 18.81	−21 15.6	2.186	3.148	6.1	21.7
4 21	14 10.66	−20 44.1	2.153	3.148	3.0	21.5
5 1	14 2.23	−20 3.5	2.149	3.148	2.9	21.4
5 11	13 54.37	−19 18.2	2.173	3.147	5.8	21.6
5 21	13 47.80	−18 33.1	2.224	3.146	9.0	21.8
5 31	13 43.06	−17 52.7	2.299	3.145	11.9	22.0

257774 2000 CT_{119} 4 24.2 209°.95 3°.2/21.4 17

3 22	14 32.53	− 6 16.0	2.063	2.920	11.9	21.6
4 1	14 26.92	− 5 20.4	1.983	2.914	8.7	21.4
4 11	14 19.47	− 4 20.6	1.929	2.907	5.3	21.2
4 21	14 10.83	− 3 21.5	1.903	2.899	3.2	21.0
5 1	14 1.88	− 2 28.8	1.905	2.891	5.1	21.1
5 11	13 53.54	− 1 47.7	1.935	2.882	8.6	21.3
5 21	13 46.57	− 1 21.4	1.990	2.872	11.9	21.5
5 31	13 41.54	− 1 11.7	2.066	2.861	14.9	21.7

311560 2006 BS_{227} 4 24.2 326°.92 1°.9/25.2 17

3 22	14 30.03	−17 24.0	1.132	2.005	18.3	19.7
4 1	14 26.64	−17 31.8	1.052	1.988	14.0	19.4
4 11	14 20.05	−17 23.0	0.992	1.971	8.8	19.1
4 21	14 11.10	−16 58.5	0.953	1.955	3.2	18.7
5 1	14 1.23	−16 22.5	0.937	1.940	4.1	18.7
5 11	13 52.22	−15 42.9	0.943	1.926	10.0	18.9
5 21	13 45.51	−15 8.1	0.970	1.913	15.6	19.2
5 31	13 42.14	−14 45.7	1.015	1.901	20.4	19.4

213464 2002 CM_{233} 4 24.2 150°.56 3°.5/27.9 17

3 22	14 30.21	−26 12.9	2.578	3.374	11.7	20.7
4 1	14 25.04	−26 13.9	2.494	3.378	9.2	20.5
4 11	14 18.29	−26 0.7	2.434	3.381	6.6	20.4
4 21	14 10.53	−25 33.8	2.401	3.385	4.2	20.2
5 1	14 2.53	−24 55.1	2.396	3.388	3.6	20.2
5 11	13 55.07	−24 8.6	2.420	3.391	5.6	20.3
5 21	13 48.82	−23 18.9	2.470	3.393	8.2	20.5
5 31	13 44.26	−22 30.8	2.545	3.396	10.8	20.7

255667 2006 QM_{35} 4 24.2 212°.34 0°.7/24.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 33.64	−17 0.6	2.007	2.844	13.0	21.8
4 1	14 27.90	−16 35.2	1.919	2.837	9.7	21.6
4 11	14 20.13	−15 57.5	1.856	2.830	5.9	21.4
4 21	14 11.02	−15 9.9	1.819	2.822	1.8	21.1
5 1	14 1.51	−14 16.6	1.811	2.813	2.8	21.1
5 11	13 52.64	−13 23.3	1.832	2.804	7.0	21.4
5 21	13 45.25	−12 35.4	1.878	2.794	10.8	21.6
5 31	13 39.97	−11 57.7	1.948	2.783	14.2	21.8

227621 2006 BU_{43} 4 24.2 93°.16 5°.1/19.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.54	− 0 51.5	1.990	2.853	12.0	20.8
4 1	14 25.94	+ 0 28.4	1.948	2.878	8.9	20.6
4 11	14 18.71	+ 1 46.1	1.933	2.902	6.1	20.5
4 21	14 10.60	+ 2 55.3	1.945	2.926	5.2	20.5
5 1	14 2.48	+ 3 50.1	1.985	2.950	6.8	20.6
5 11	13 55.19	+ 4 26.7	2.051	2.973	9.6	20.9
5 21	13 49.34	+ 4 43.6	2.141	2.996	12.3	21.1
5 31	13 45.38	+ 4 41.5	2.251	3.018	14.6	21.3

382861 2004 FZ_{96} 4 24.2 11°.97 6°.6/19.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 27.24	+ 0 51.9	1.532	2.414	13.8	19.8
4 1	14 23.39	+ 2 0.1	1.481	2.418	10.5	19.6
4 11	14 17.49	+ 3 4.7	1.452	2.423	7.6	19.5
4 21	14 10.34	+ 3 58.1	1.448	2.429	6.6	19.4
5 1	14 3.00	+ 4 33.3	1.469	2.436	8.5	19.6
5 11	13 56.50	+ 4 46.0	1.513	2.444	11.7	19.8
5 21	13 51.65	+ 4 35.6	1.579	2.453	14.9	20.0
5 31	13 48.98	+ 4 3.2	1.663	2.463	17.7	20.2

280641 Edosara 4 24.2 181°.69 3°.1/21.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 30.65	− 5 56.1	2.062	2.924	11.7	21.0
4 1	14 25.50	− 5 12.3	1.992	2.924	8.5	20.8
4 11	14 18.60	− 4 25.5	1.946	2.924	5.2	20.6
4 21	14 10.62	− 3 40.3	1.927	2.924	3.1	20.5
5 1	14 2.40	− 3 1.8	1.937	2.924	4.9	20.6
5 11	13 54.81	− 2 34.1	1.974	2.923	8.2	20.8
5 21	13 48.57	− 2 20.1	2.035	2.923	11.4	21.0
5 31	13 44.20	− 2 20.9	2.118	2.922	14.3	21.2

355201 2006 XA_{45} 4 24.2 173°.22 0°.6/23.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 28.97	−12 28.4	2.879	3.720	9.4	22.7
4 1	14 23.87	−12 2.0	2.800	3.723	6.8	22.5
4 11	14 17.49	−11 29.9	2.747	3.725	3.9	22.3
4 21	14 10.33	−10 54.5	2.723	3.727	1.0	22.1
5 1	14 3.00	−10 18.8	2.729	3.728	2.4	22.2
5 11	13 56.12	− 9 46.1	2.764	3.729	5.4	22.4
5 21	13 50.21	− 9 19.2	2.827	3.729	8.1	22.6
5 31	13 45.69	− 9 0.3	2.914	3.729	10.5	22.7

74705 1999 RX_{148} 4 24.2 268°.61 2°.5/22.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.91	−10 2.6	1.628	2.493	14.1	20.2
4 1	14 27.06	− 9 7.7	1.539	2.475	10.4	20.0
4 11	14 19.85	− 8 2.7	1.475	2.456	6.1	19.7
4 21	14 11.00	− 6 53.0	1.435	2.437	2.6	19.4
5 1	14 1.57	− 5 45.7	1.423	2.418	5.0	19.5
5 11	13 52.79	− 4 48.6	1.437	2.398	9.6	19.7
5 21	13 45.68	− 4 7.4	1.475	2.378	14.0	19.9
5 31	13 40.97	− 3 45.7	1.532	2.358	17.8	20.1

293287 2007 DS_{1} 4 24.2 129°.42 3°.5/20.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.87	− 5 48.2	2.111	2.969	11.6	21.3
4 1	14 26.20	− 4 35.1	2.055	2.985	8.4	21.1
4 11	14 18.91	− 3 19.0	2.024	3.001	5.2	20.9
4 21	14 10.68	− 2 5.7	2.022	3.016	3.5	20.9
5 1	14 2.37	− 1 1.1	2.049	3.030	5.3	21.0
5 11	13 54.79	− 0 10.2	2.103	3.043	8.4	21.2
5 21	13 48.59	+ 0 24.4	2.183	3.056	11.4	21.4
5 31	13 44.22	+ 0 41.5	2.284	3.068	13.9	21.6

479825 2014 FF_{63} 4 24.2 23°.50 3°.8/28.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 27.72	−27 4.6	1.957	2.770	14.2	20.3
4 1	14 23.60	−26 40.1	1.882	2.775	11.3	20.1
4 11	14 17.58	−25 55.5	1.829	2.782	7.9	19.9
4 21	14 10.39	−24 52.3	1.801	2.788	4.8	19.7
5 1	14 2.97	−23 34.8	1.800	2.795	4.0	19.7
5 11	13 56.29	−22 9.7	1.826	2.803	6.5	19.8
5 21	13 51.12	−20 44.5	1.878	2.811	9.8	20.1
5 31	13 48.00	−19 26.1	1.953	2.819	12.9	20.3

146219 2000 VU_{52} 4 24.3 161°.42 1°.4/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 29.45	−19 45.1	2.885	3.704	10.0	21.4
4 1	14 24.27	−19 31.0	2.803	3.709	7.5	21.2
4 11	14 17.75	−19 7.3	2.747	3.713	4.8	21.1
4 21	14 10.42	−18 35.5	2.719	3.717	2.1	20.9
5 1	14 2.91	−17 58.0	2.721	3.721	2.1	20.9
5 11	13 55.86	−17 18.2	2.752	3.725	4.9	21.1
5 21	13 49.84	−16 39.9	2.811	3.728	7.6	21.2
5 31	13 45.25	−16 6.1	2.895	3.730	10.0	21.4

152277 2005 SO_{237} 4 24.3 218°.30 0°.7/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 28.85	−16 48.9	2.530	3.365	10.7	20.7
4 1	14 24.02	−16 30.3	2.445	3.362	7.9	20.5
4 11	14 17.69	−16 2.6	2.386	3.359	4.8	20.3
4 21	14 10.42	−15 27.8	2.354	3.356	1.5	20.1
5 1	14 2.90	−14 48.8	2.351	3.353	2.2	20.1
5 11	13 55.88	−14 9.7	2.377	3.350	5.5	20.4
5 21	13 49.96	−13 34.3	2.430	3.346	8.7	20.5
5 31	13 45.62	−13 5.9	2.507	3.343	11.4	20.7

439358 2012 XH_{135} 4 24.3 58°.75 7°.2/17.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.51	+ 8 36.5	2.174	3.026	11.6	21.1
4 1	14 25.98	+ 9 22.7	2.117	3.028	9.3	21.0
4 11	14 18.82	+ 9 59.9	2.086	3.030	7.6	20.9
4 21	14 10.69	+10 22.7	2.080	3.033	7.3	20.8
5 1	14 2.41	+10 27.1	2.101	3.035	8.6	20.9
5 11	13 54.79	+10 11.3	2.147	3.038	10.7	21.0
5 21	13 48.50	+ 9 36.0	2.216	3.040	13.0	21.2
5 31	13 44.02	+ 8 43.1	2.305	3.043	15.1	21.4

58086 2017 $T\text{-}_{3}$ 4 24.3 197°.67 1°.7/25.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 34.50	−19 20.5	2.255	3.078	12.3	20.1
4 1	14 28.37	−19 16.8	2.167	3.075	9.3	19.9
4 11	14 20.35	−19 1.7	2.104	3.071	5.9	19.7
4 21	14 11.11	−18 36.0	2.067	3.066	2.5	19.5
5 1	14 1.50	−18 2.4	2.060	3.061	2.7	19.5
5 11	13 52.47	−17 25.2	2.082	3.055	6.2	19.7
5 21	13 44.81	−16 49.1	2.131	3.049	9.6	19.9
5 31	13 39.10	−16 18.4	2.204	3.041	12.7	20.1

475394 2006 HJ_{43} 4 24.3 303°.91 1°.5/25.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 28.13	−20 40.8	1.795	2.636	14.1	21.0
4 1	14 24.24	−19 57.8	1.693	2.611	10.8	20.7
4 11	14 18.18	−18 55.6	1.614	2.586	6.8	20.4
4 21	14 10.61	−17 36.7	1.561	2.562	2.7	20.1
5 1	14 2.49	−16 6.2	1.535	2.537	3.0	20.1
5 11	13 54.92	−14 32.3	1.536	2.513	7.5	20.3
5 21	13 48.85	−13 3.4	1.562	2.489	11.8	20.5
5 31	13 45.01	−11 47.1	1.610	2.465	15.7	20.7

297607 2001 SQ_{235} 4 24.3 212°.59 0°.8/23.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 34.56	−13 35.1	1.769	2.619	13.9	22.0
4 1	14 28.78	−12 53.7	1.685	2.612	10.2	21.8
4 11	14 20.75	−12 0.8	1.626	2.605	6.0	21.5
4 21	14 11.24	−11 0.3	1.593	2.597	1.5	21.2
5 1	14 1.29	− 9 58.1	1.588	2.588	3.6	21.3
5 11	13 52.06	− 9 0.9	1.611	2.578	8.2	21.6
5 21	13 44.49	− 8 14.6	1.659	2.568	12.4	21.8
5 31	13 39.25	− 7 43.2	1.728	2.556	16.0	22.0

22816 1999 RL_{21} 4 24.3 251°.33 1°.8/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.45	−10 36.3	1.827	2.683	13.2	20.0
4 1	14 28.01	− 9 54.3	1.734	2.664	9.7	19.8
4 11	14 20.34	− 9 3.5	1.666	2.646	5.7	19.5
4 21	14 11.15	− 8 8.0	1.624	2.626	2.0	19.2
5 1	14 1.42	− 7 13.6	1.610	2.606	4.3	19.3
5 11	13 52.26	− 6 26.5	1.624	2.586	8.6	19.5
5 21	13 44.62	− 5 51.8	1.662	2.564	12.8	19.7
5 31	13 39.23	− 5 32.9	1.722	2.543	16.3	19.9

127268 2002 JC_{55} 4 24.3 324°.38 0°.1/24.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 29.57	−14 31.6	1.550	2.413	14.8	19.9
4 1	14 25.49	−14 18.7	1.465	2.397	11.0	19.6
4 11	14 19.00	−13 54.1	1.401	2.381	6.6	19.3
4 21	14 10.83	−13 20.8	1.362	2.366	1.7	19.0
5 1	14 2.08	−12 43.2	1.349	2.351	3.4	19.0
5 11	13 53.99	−12 7.6	1.362	2.337	8.4	19.3
5 21	13 47.61	−11 39.8	1.397	2.324	13.0	19.5
5 31	13 43.71	−11 24.3	1.453	2.311	16.9	19.7

149427 2003 BN_{43} 4 24.3 183°.19 0°.9/23.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 32.15	−13 1.6	1.981	2.831	12.6	20.8
4 1	14 26.73	−12 21.6	1.905	2.832	9.2	20.6
4 11	14 19.40	−11 32.4	1.853	2.832	5.4	20.3
4 21	14 10.88	−10 37.6	1.828	2.832	1.4	20.1
5 1	14 2.07	− 9 42.4	1.832	2.831	3.3	20.2
5 11	13 53.95	− 8 52.4	1.863	2.829	7.4	20.4
5 21	13 47.29	− 8 12.3	1.921	2.828	11.1	20.7
5 31	13 42.64	− 7 45.3	2.000	2.826	14.2	20.9

52567 1997 HN_{2} 4 24.3 301°.70 2°.2/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 24.95	− 1 49.6	4.152	5.003	6.5	19.0
4 1	14 20.65	− 1 36.1	4.073	4.998	4.8	18.9
4 11	14 15.52	− 1 23.4	4.021	4.993	3.1	18.7
4 21	14 9.89	− 1 13.5	3.998	4.988	2.2	18.7
5 1	14 4.13	− 1 8.0	4.006	4.983	3.1	18.7
5 11	13 58.64	− 1 8.6	4.042	4.978	4.8	18.8
5 21	13 53.77	− 1 16.0	4.106	4.973	6.6	19.0
5 31	13 49.79	− 1 30.7	4.194	4.968	8.2	19.1

153732 2001 UL_{132} 4 24.3 260°.89 0°.9/25.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 29.39	−18 14.3	2.435	3.267	11.2	20.5
4 1	14 24.58	−17 48.0	2.335	3.250	8.4	20.3
4 11	14 18.13	−17 10.2	2.260	3.232	5.2	20.0
4 21	14 10.59	−16 23.1	2.213	3.214	1.8	19.8
5 1	14 2.68	−15 29.9	2.194	3.196	2.3	19.8
5 11	13 55.22	−14 35.3	2.204	3.177	5.9	20.0
5 21	13 48.88	−13 44.2	2.241	3.158	9.2	20.2
5 31	13 44.23	−13 0.7	2.302	3.139	12.2	20.3

506738 2006 VY_{38} 4 24.3 119°.25 1°.0/25.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 29.06	−18 59.7	2.713	3.538	10.4	22.7
4 1	14 23.99	−18 28.3	2.642	3.552	7.7	22.5
4 11	14 17.59	−17 46.7	2.597	3.567	4.8	22.3
4 21	14 10.42	−16 57.4	2.580	3.581	1.7	22.1
5 1	14 3.13	−16 3.7	2.593	3.594	2.1	22.2
5 11	13 56.39	−15 9.7	2.635	3.608	5.1	22.4
5 21	13 50.74	−14 19.4	2.705	3.621	7.9	22.6
5 31	13 46.59	−13 36.4	2.799	3.633	10.4	22.8

200198 1999 RE_{216} 4 24.3 176°.40 1°.8/25.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 32.55	−19 58.6	2.288	3.111	12.1	21.9
4 1	14 26.89	−19 49.8	2.206	3.113	9.2	21.7
4 11	14 19.46	−19 29.0	2.148	3.114	5.9	21.5
4 21	14 10.91	−18 57.5	2.117	3.115	2.6	21.3
5 1	14 2.08	−18 18.4	2.115	3.116	2.6	21.3
5 11	13 53.85	−17 35.9	2.142	3.116	6.0	21.5
5 21	13 46.94	−16 54.8	2.196	3.115	9.3	21.7
5 31	13 41.91	−16 19.5	2.273	3.115	12.2	21.9

465402 2008 HW_{1} 4 24.3 306°.88 4°.5/19.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 45.26	− 1 41.1	2.671	3.494	10.5	22.8
4 1	14 36.57	− 0 21.4	2.513	3.422	8.1	22.5
4 11	14 25.52	+ 1 4.8	2.385	3.348	5.6	22.3
4 21	14 12.56	+ 2 32.3	2.290	3.271	4.6	22.1
5 1	13 58.45	+ 3 54.4	2.230	3.192	6.5	22.1
5 11	13 44.19	+ 5 4.6	2.204	3.110	9.8	22.1
5 21	13 30.78	+ 5 57.6	2.208	3.025	13.3	22.2
5 31	13 19.09	+ 6 30.8	2.237	2.937	16.5	22.3

396457 2014 FS_{17} 4 24.3 336°.61 2°.2/26.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 29.66	−20 3.3	2.014	2.848	13.1	21.0
4 1	14 25.07	−20 6.9	1.929	2.842	10.0	20.7
4 11	14 18.53	−19 57.9	1.868	2.836	6.5	20.5
4 21	14 10.71	−19 37.2	1.832	2.830	3.0	20.3
5 1	14 2.50	−19 7.6	1.824	2.824	3.0	20.3
5 11	13 54.87	−18 33.4	1.843	2.819	6.5	20.5
5 21	13 48.65	−17 59.7	1.887	2.815	10.1	20.7
5 31	13 44.45	−17 31.1	1.954	2.810	13.3	20.9

43635 2002 EP_{19} 4 24.3 292°.56 3°.9/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 32.24	−23 39.9	1.460	2.297	17.0	19.0
4 1	14 27.74	−23 39.6	1.375	2.285	13.3	18.8
4 11	14 20.47	−23 18.1	1.310	2.273	9.1	18.5
4 21	14 11.25	−22 35.3	1.268	2.262	5.0	18.2
5 1	14 1.37	−21 34.6	1.251	2.250	4.5	18.1
5 11	13 52.28	−20 23.6	1.260	2.239	8.5	18.3
5 21	13 45.20	−19 11.7	1.292	2.227	13.0	18.6
5 31	13 40.96	−18 7.9	1.344	2.216	17.2	18.8

216047 2006 OJ_{2} 4 24.3 249°.42 3°.1/21.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 32.44	− 7 39.4	1.804	2.666	13.1	20.8
4 1	14 27.23	− 6 42.2	1.717	2.651	9.6	20.5
4 11	14 19.87	− 5 38.1	1.655	2.635	5.8	20.3
4 21	14 11.06	− 4 32.5	1.620	2.618	3.1	20.1
5 1	14 1.78	− 3 32.3	1.612	2.601	5.4	20.2
5 11	13 53.11	− 2 43.8	1.631	2.584	9.4	20.3
5 21	13 45.96	− 2 11.5	1.674	2.566	13.3	20.5
5 31	13 41.01	− 1 58.0	1.738	2.547	16.7	20.7

109398 2001 QW_{178} 4 24.3 101°.71 1°.1/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 39.64	−15 17.2	1.910	2.744	13.7	19.0
4 1	14 32.19	−15 42.2	1.848	2.763	10.2	18.8
4 11	14 22.60	−15 58.7	1.809	2.782	6.2	18.6
4 21	14 11.70	−16 7.2	1.799	2.801	2.1	18.4
5 1	14 0.59	−16 9.5	1.818	2.819	2.9	18.4
5 11	13 50.38	−16 9.1	1.865	2.837	6.9	18.7
5 21	13 41.93	−16 9.4	1.939	2.854	10.5	19.0
5 31	13 35.81	−16 14.0	2.036	2.871	13.7	19.2

22114 2000 RB_{50} 4 24.3 93°.05 0°.6/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 37.06	−11 53.1	1.484	2.342	15.6	17.3
4 1	14 30.81	−11 54.0	1.420	2.351	11.5	17.0
4 11	14 22.01	−11 47.1	1.380	2.359	6.7	16.8
4 21	14 11.59	−11 35.0	1.364	2.368	1.6	16.5
5 1	14 0.84	−11 21.7	1.376	2.376	3.7	16.6
5 11	13 51.09	−11 12.0	1.413	2.385	8.6	16.9
5 21	13 43.39	−11 9.9	1.474	2.393	13.0	17.2
5 31	13 38.40	−11 18.4	1.556	2.401	16.7	17.5

140941 2001 VU_{90} 4 24.3 126°.80 6°.2/18.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 31.53	+ 7 32.1	2.502	3.349	10.4	19.5
4 1	14 25.79	+ 8 15.8	2.449	3.359	8.3	19.3
4 11	14 18.65	+ 8 52.0	2.422	3.368	6.6	19.3
4 21	14 10.70	+ 9 16.4	2.422	3.377	6.2	19.2
5 1	14 2.66	+ 9 25.4	2.450	3.386	7.4	19.3
5 11	13 55.23	+ 9 17.4	2.504	3.395	9.4	19.5
5 21	13 48.97	+ 8 52.6	2.582	3.403	11.5	19.6
5 31	13 44.31	+ 8 12.4	2.681	3.411	13.4	19.8

20210 1997 GQ_{7} 4 24.3 155°.85 1°.7/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 34.65	− 7 46.0	2.319	3.166	11.1	17.4
4 1	14 28.27	− 7 36.8	2.247	3.172	8.1	17.2
4 11	14 20.21	− 7 25.0	2.200	3.178	4.8	17.0
4 21	14 11.12	− 7 13.1	2.182	3.183	1.9	16.8
5 1	14 1.81	− 7 4.0	2.194	3.188	3.5	17.0
5 11	13 53.12	− 7 0.6	2.234	3.193	6.8	17.2
5 21	13 45.73	− 7 5.0	2.301	3.197	10.0	17.4
5 31	13 40.15	− 7 18.5	2.392	3.200	12.7	17.6

103784 2000 DA_{8} 4 24.3 262°.38 0°.6/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 30.68	−16 28.7	2.076	2.918	12.4	20.2
4 1	14 25.73	−16 11.0	1.989	2.909	9.3	19.9
4 11	14 18.89	−15 42.5	1.925	2.900	5.6	19.7
4 21	14 10.82	−15 5.5	1.889	2.891	1.7	19.4
5 1	14 2.37	−14 23.4	1.880	2.882	2.6	19.5
5 11	13 54.48	−13 41.3	1.899	2.873	6.6	19.7
5 21	13 47.95	−13 4.0	1.944	2.863	10.3	19.9
5 31	13 43.37	−12 35.6	2.012	2.854	13.5	20.1

227421 2005 VJ_{32} 4 24.3 264°.90 2°.3/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.25	−22 38.7	1.933	2.758	13.9	20.8
4 1	14 26.42	−22 4.0	1.832	2.739	10.7	20.6
4 11	14 19.44	−21 10.3	1.754	2.719	7.1	20.3
4 21	14 10.98	−19 59.3	1.701	2.699	3.3	20.0
5 1	14 2.01	−18 35.4	1.677	2.678	3.1	20.0
5 11	13 53.62	−17 5.7	1.681	2.657	7.0	20.2
5 21	13 46.72	−15 38.3	1.710	2.635	11.1	20.4
5 31	13 42.01	−14 20.5	1.763	2.614	14.8	20.5

266712 2009 QA_{47} 4 24.3 177°.24 7°.5/16.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.38	+ 6 4.9	1.969	2.830	12.2	20.6
4 1	14 26.08	+ 7 32.2	1.913	2.831	9.7	20.4
4 11	14 18.99	+ 8 53.1	1.882	2.832	7.9	20.3
4 21	14 10.82	+10 0.1	1.877	2.833	7.7	20.3
5 1	14 2.44	+10 46.9	1.898	2.833	9.3	20.4
5 11	13 54.76	+11 10.0	1.944	2.833	11.7	20.5
5 21	13 48.52	+11 8.8	2.012	2.832	14.3	20.7
5 31	13 44.22	+10 45.0	2.098	2.831	16.5	20.9

498383 2007 WL_{51} 4 24.3 94°.65 1°.0/23.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 30.14	−11 38.2	2.248	3.099	11.3	22.3
4 1	14 24.97	−11 5.2	2.185	3.113	8.2	22.1
4 11	14 18.25	−10 25.9	2.148	3.127	4.7	21.9
4 21	14 10.62	− 9 43.7	2.138	3.141	1.3	21.7
5 1	14 2.86	− 9 2.7	2.157	3.155	3.1	21.9
5 11	13 55.74	− 8 27.0	2.204	3.168	6.5	22.1
5 21	13 49.90	− 8 0.1	2.277	3.182	9.7	22.3
5 31	13 45.78	− 7 44.1	2.373	3.195	12.4	22.5

183062 2002 QX_{118} 4 24.3 165°.42 3°.9/27.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 35.66	−24 26.5	1.869	2.682	14.8	21.3
4 1	14 29.62	−24 37.5	1.790	2.685	11.6	21.1
4 11	14 21.27	−24 31.4	1.733	2.689	8.0	20.9
4 21	14 11.43	−24 8.0	1.702	2.691	4.8	20.7
5 1	14 1.19	−23 29.7	1.698	2.694	4.2	20.7
5 11	13 51.72	−22 41.7	1.722	2.695	7.2	20.9
5 21	13 44.00	−21 50.7	1.771	2.697	10.8	21.1
5 31	13 38.67	−21 3.3	1.843	2.698	14.1	21.3

299725 2006 RY_{33} 4 24.3 174°.64 2°.6/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.40	−23 18.3	2.717	3.521	10.9	21.6
4 1	14 25.86	−23 19.5	2.631	3.523	8.5	21.4
4 11	14 18.80	−23 9.0	2.570	3.525	5.8	21.2
4 21	14 10.78	−22 47.3	2.536	3.527	3.3	21.1
5 1	14 2.51	−22 16.3	2.531	3.527	2.9	21.1
5 11	13 54.73	−21 39.5	2.556	3.528	5.2	21.2
5 21	13 48.08	−21 0.9	2.608	3.528	8.0	21.4
5 31	13 43.04	−20 24.5	2.685	3.528	10.5	21.5

505002 2011 KR_{37} 4 24.3 306°.43 3°.1/21.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 30.55	− 6 23.8	1.877	2.742	12.5	21.4
4 1	14 25.65	− 5 42.2	1.805	2.740	9.1	21.2
4 11	14 18.83	− 4 57.2	1.758	2.737	5.5	21.0
4 21	14 10.80	− 4 13.3	1.737	2.735	3.1	20.8
5 1	14 2.49	− 3 36.1	1.744	2.733	5.0	20.9
5 11	13 54.84	− 3 10.1	1.777	2.731	8.6	21.1
5 21	13 48.65	− 2 58.4	1.834	2.729	12.2	21.3
5 31	13 44.48	− 3 2.3	1.913	2.727	15.2	21.5

200658 2001 TP_{36} 4 24.3 48°.55 8°.6/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 32.12	−39 32.5	1.202	1.984	23.1	18.7
4 1	14 27.85	−38 41.2	1.146	2.005	19.4	18.5
4 11	14 20.39	−37 4.4	1.106	2.027	15.2	18.3
4 21	14 11.17	−34 42.4	1.086	2.049	11.1	18.1
5 1	14 1.96	−31 44.0	1.090	2.071	8.7	18.1
5 11	13 54.42	−28 26.7	1.119	2.094	9.8	18.2
5 21	13 49.58	−25 10.4	1.173	2.118	13.2	18.4
5 31	13 47.89	−22 12.0	1.249	2.142	16.9	18.7

518491 2005 XW_{119} 4 24.3 41°.55 1°.0/25.0 17

3 22	14 31.21	−17 24.3	1.599	2.451	15.0	21.4
4 1	14 26.42	−17 7.2	1.534	2.459	11.2	21.2
4 11	14 19.38	−16 36.3	1.491	2.467	6.8	20.9
4 21	14 10.95	−15 54.4	1.474	2.476	2.2	20.7
5 1	14 2.24	−15 6.5	1.483	2.485	3.1	20.7
5 11	13 54.42	−14 19.0	1.518	2.494	7.6	21.0
5 21	13 48.38	−13 38.1	1.577	2.504	11.7	21.3
5 31	13 44.71	−13 8.3	1.657	2.514	15.3	21.5

93013 2000 RG_{89} 4 24.3 75°.61 0°.7/23.6 18

3 22	14 29.28	−15 54.4	1.737	2.592	13.9	19.3
4 1	14 24.81	−14 39.4	1.668	2.597	10.1	19.0
4 11	14 18.35	−13 9.7	1.622	2.602	5.9	18.8
4 21	14 10.68	−11 31.2	1.603	2.607	1.4	18.5
5 1	14 2.80	− 9 51.5	1.613	2.612	3.5	18.7
5 11	13 55.72	− 8 19.4	1.649	2.618	7.9	18.9
5 21	13 50.23	− 7 1.7	1.711	2.623	11.9	19.2
5 31	13 46.87	− 6 2.7	1.794	2.628	15.2	19.4

437701 2014 DY_{37} 4 24.3 92°.33 1°.3/23.0 17

3 22	14 29.83	−10 44.1	2.273	3.125	11.1	21.4
4 1	14 24.74	−10 9.2	2.211	3.139	8.0	21.3
4 11	14 18.12	− 9 28.8	2.173	3.153	4.6	21.1
4 21	14 10.61	− 8 46.3	2.164	3.167	1.5	20.9
5 1	14 2.97	− 8 5.7	2.183	3.180	3.2	21.0
5 11	13 55.96	− 7 31.3	2.231	3.193	6.6	21.3
5 21	13 50.20	− 7 6.1	2.305	3.207	9.7	21.5
5 31	13 46.14	− 6 52.2	2.401	3.220	12.3	21.7

214490 2005 UW_{53} 4 24.3 299°.41 1°.4/22.7 18

3 22	14 27.00	−14 42.3	2.128	2.980	11.8	19.8
4 1	14 23.00	−13 6.7	2.030	2.959	8.6	19.6
4 11	14 17.29	−11 16.0	1.957	2.938	5.0	19.3
4 21	14 10.44	− 9 15.9	1.914	2.917	1.5	19.0
5 1	14 3.25	− 7 13.8	1.900	2.896	3.7	19.2
5 11	13 56.56	− 5 18.4	1.915	2.875	7.7	19.4
5 21	13 51.10	− 3 36.9	1.957	2.854	11.4	19.5
5 31	13 47.42	− 2 14.4	2.021	2.834	14.6	19.7

187285 2005 TS_{72} 4 24.3 286°.74 5°.6/19.1 17

3 22	14 29.36	− 3 2.3	1.659	2.534	13.4	20.1
4 1	14 25.14	− 1 28.1	1.576	2.513	10.0	19.8
4 11	14 18.74	+ 0 11.4	1.517	2.492	6.8	19.6
4 21	14 10.84	+ 1 47.8	1.484	2.471	5.7	19.5
5 1	14 2.43	+ 3 11.7	1.477	2.449	8.0	19.6
5 11	13 54.63	+ 4 15.1	1.496	2.428	11.7	19.7
5 21	13 48.37	+ 4 53.6	1.536	2.406	15.5	19.9
5 31	13 44.35	+ 5 5.8	1.595	2.385	18.8	20.1

127486 2002 SJ_{64} 4 24.3 149°.75 0°.3/24.0 18

3 22	14 31.85	−13 15.7	2.454	3.294	10.8	20.7
4 1	14 26.19	−12 58.9	2.380	3.302	7.9	20.5
4 11	14 18.98	−12 35.4	2.332	3.309	4.6	20.3
4 21	14 10.84	−12 7.5	2.312	3.315	1.1	20.1
5 1	14 2.50	−11 38.3	2.321	3.321	2.5	20.2
5 11	13 54.73	−11 11.5	2.360	3.327	5.9	20.4
5 21	13 48.16	−10 50.2	2.425	3.332	9.0	20.6
5 31	13 43.26	−10 37.0	2.514	3.337	11.7	20.8

374341 2005 UW_{57} 4 24.3 184°.42 0°.9/25.0 17

3 22	14 32.92	−17 15.9	2.074	2.910	12.7	22.5
4 1	14 27.32	−16 58.0	1.993	2.910	9.5	22.2
4 11	14 19.80	−16 28.7	1.936	2.910	5.8	22.0
4 21	14 11.07	−15 50.2	1.907	2.909	1.9	21.7
5 1	14 2.02	−15 6.1	1.906	2.908	2.6	21.8
5 11	13 53.62	−14 21.6	1.934	2.907	6.6	22.0
5 21	13 46.66	−13 41.5	1.987	2.905	10.2	22.3
5 31	13 41.71	−13 10.1	2.064	2.902	13.4	22.5

141042 2001 WS_{76} 4 24.3 2°.31 2°.2/22.6 18

3 22	14 30.66	− 7 39.7	2.008	2.868	12.0	19.6
4 1	14 25.63	− 7 20.2	1.936	2.868	8.7	19.4
4 11	14 18.79	− 6 57.5	1.888	2.868	5.2	19.2
4 21	14 10.81	− 6 34.8	1.867	2.868	2.3	19.0
5 1	14 2.56	− 6 16.2	1.875	2.869	4.1	19.1
5 11	13 54.95	− 6 5.3	1.909	2.869	7.7	19.3
5 21	13 48.71	− 6 4.7	1.968	2.870	11.1	19.5
5 31	13 44.38	− 6 15.8	2.049	2.871	14.0	19.7

468773 2011 SR_{249} 4 24.3 238°.49 4°.0/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 30.78	−31 3.5	2.980	3.743	11.0	21.7
4 1	14 25.46	−30 46.0	2.869	3.726	9.0	21.6
4 11	14 18.61	−30 12.2	2.781	3.708	6.8	21.4
4 21	14 10.77	−29 22.1	2.720	3.690	4.8	21.2
5 1	14 2.63	−28 17.3	2.689	3.671	4.1	21.1
5 11	13 54.93	−27 1.9	2.686	3.652	5.4	21.2
5 21	13 48.30	−25 40.9	2.713	3.632	7.7	21.3
5 31	13 43.24	−24 19.9	2.765	3.611	10.1	21.4

380571 2004 RF_{56} 4 24.3 294°.00 1°.9/25.6 17

3 22	14 31.63	−19 13.6	1.705	2.548	14.7	21.5
4 1	14 27.04	−19 5.4	1.605	2.523	11.2	21.2
4 11	14 20.00	−18 41.9	1.527	2.499	7.2	20.9
4 21	14 11.20	−18 4.2	1.474	2.474	2.9	20.6
5 1	14 1.69	−17 15.6	1.447	2.449	3.3	20.6
5 11	13 52.70	−16 22.4	1.447	2.425	7.8	20.8
5 21	13 45.33	−15 31.5	1.472	2.400	12.3	21.0
5 31	13 40.41	−14 49.4	1.517	2.375	16.4	21.2

437657 2014 CN_3 4 24.3 138°.29 4°.9/19.2 17

3 22	14 29.24	+ 0 56.6	2.383	3.243	10.4	21.1
4 1	14 24.25	+ 1 57.9	2.324	3.250	7.8	20.9
4 11	14 17.83	+ 2 56.8	2.291	3.256	5.6	20.8
4 21	14 10.56	+ 3 48.3	2.285	3.263	4.9	20.8
5 1	14 3.15	+ 4 27.8	2.308	3.269	6.3	20.9
5 11	13 56.31	+ 4 52.0	2.357	3.274	8.7	21.0
5 21	13 50.63	+ 4 59.8	2.430	3.280	11.2	21.2
5 31	13 46.54	+ 4 51.0	2.525	3.285	13.4	21.4

229735 2007 HK_1 4 24.3 329°.16 0°.8/24.8 17

3 22	14 28.78	−16 17.4	1.401	2.267	15.9	19.8
4 1	14 25.20	−16 7.5	1.316	2.249	12.0	19.5
4 11	14 19.01	−15 43.1	1.252	2.231	7.3	19.2
4 21	14 10.96	−15 6.7	1.212	2.215	2.2	18.8
5 1	14 2.23	−14 23.0	1.196	2.199	3.5	18.8
5 11	13 54.21	−13 39.1	1.205	2.184	8.8	19.1
5 21	13 48.04	−13 2.0	1.236	2.170	13.7	19.3
5 31	13 44.58	−12 37.6	1.287	2.157	17.9	19.5

348906 2006 SL_{392} 4 24.3 166°.42 0°.4/23.9 18

3 22	14 31.77	−12 13.7	2.607	3.447	10.3	21.3
4 1	14 26.09	−12 7.9	2.529	3.450	7.5	21.1
4 11	14 18.93	−11 56.7	2.476	3.453	4.4	20.9
4 21	14 10.85	−11 42.1	2.452	3.455	1.1	20.7
5 1	14 2.54	−11 26.7	2.457	3.457	2.4	20.8
5 11	13 54.74	−11 13.2	2.492	3.459	5.7	21.0
5 21	13 48.05	−11 4.4	2.554	3.460	8.7	21.2
5 31	13 42.93	−11 2.3	2.640	3.462	11.3	21.4

67689 2000 SN_{307} 4 24.3 147°.26 1°.1/23.4 18

3 22	14 34.58	−12 34.2	1.858	2.707	13.3	19.9
4 1	14 28.55	−11 52.2	1.791	2.718	9.7	19.7
4 11	14 20.51	−11 1.0	1.748	2.727	5.6	19.4
4 21	14 11.25	−10 4.9	1.732	2.736	1.5	19.2
5 1	14 1.78	− 9 9.4	1.746	2.744	3.6	19.3
5 11	13 53.14	− 8 20.3	1.786	2.751	7.7	19.6
5 21	13 46.11	− 7 42.4	1.853	2.758	11.5	19.8
5 31	13 41.27	− 7 18.5	1.941	2.764	14.7	20.1

279394 2010 CX_{176} 4 24.3 258°.22 7°.0/16.2 18

3 22	14 29.58	+ 5 25.6	2.238	3.097	11.0	20.7
4 1	14 24.78	+ 7 2.3	2.160	3.077	8.8	20.5
4 11	14 18.31	+ 8 36.0	2.107	3.057	7.2	20.4
4 21	14 10.72	+ 9 59.4	2.081	3.035	7.2	20.3
5 1	14 2.78	+11 5.8	2.082	3.014	8.8	20.4
5 11	13 55.31	+11 50.4	2.110	2.992	11.2	20.5
5 21	13 49.02	+12 11.5	2.159	2.969	13.8	20.6
5 31	13 44.45	+12 9.3	2.227	2.946	16.0	20.8

347039 2010 EV_{106} 4 24.3 184°.11 5°.5/28.8 17

3 22	14 36.36	−29 55.3	2.345	3.118	13.3	21.1
4 1	14 29.95	−30 35.5	2.257	3.118	11.0	20.9
4 11	14 21.44	−30 59.5	2.192	3.118	8.4	20.8
4 21	14 11.53	−31 5.6	2.152	3.117	6.2	20.6
5 1	14 1.14	−30 53.9	2.141	3.117	5.6	20.6
5 11	13 51.33	−30 27.3	2.157	3.115	7.1	20.7
5 21	13 42.98	−29 50.8	2.200	3.114	9.5	20.8
5 31	13 36.75	−29 10.6	2.266	3.112	12.1	21.0

275563 1999 RT_{185} 4 24.3 225°.42 2°.0/22.6 17

3 22	14 32.73	−10 39.1	1.831	2.688	13.2	21.3
4 1	14 27.40	− 9 46.3	1.749	2.680	9.6	21.1
4 11	14 19.97	− 8 44.4	1.690	2.670	5.6	20.8
4 21	14 11.15	− 7 38.4	1.659	2.661	2.1	20.6
5 1	14 1.94	− 6 34.4	1.655	2.650	4.3	20.7
5 11	13 53.39	− 5 39.1	1.679	2.639	8.5	20.9
5 21	13 46.37	− 4 57.4	1.728	2.628	12.5	21.1
5 31	13 41.53	− 4 32.6	1.797	2.616	15.9	21.3

179244 2001 UP_{100} 4 24.3 269°.19 0°.0/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 23.13	−14 6.4	4.404	5.239	6.5	20.4
4 1	14 19.38	−13 51.6	4.313	5.231	4.8	20.3
4 11	14 14.85	−13 32.6	4.248	5.224	2.8	20.1
4 21	14 9.82	−13 10.7	4.213	5.216	0.7	19.9
5 1	14 4.66	−12 47.8	4.208	5.209	1.4	20.0
5 11	13 59.74	−12 25.6	4.232	5.201	3.5	20.1
5 21	13 55.39	−12 5.8	4.285	5.193	5.4	20.3
5 31	13 51.87	−11 50.2	4.364	5.186	7.2	20.4

310507 2000 WU_{56} 4 24.3 149°.15 3°.3/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 35.84	− 5 48.2	1.714	2.575	13.7	20.4
4 1	14 29.60	− 5 13.7	1.650	2.582	10.0	20.2
4 11	14 21.19	− 4 36.6	1.610	2.588	6.1	20.0
4 21	14 11.44	− 4 1.7	1.596	2.594	3.4	19.8
5 1	14 1.43	− 3 34.4	1.610	2.599	5.4	19.9
5 11	13 52.30	− 3 19.1	1.651	2.604	9.2	20.2
5 21	13 44.90	− 3 18.3	1.716	2.609	12.9	20.4
5 31	13 39.82	− 3 32.9	1.801	2.613	16.1	20.6

472586 2015 DH_{121} 4 24.3 309°.96 3°.9/21.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.82	− 3 51.0	1.729	2.597	13.2	20.7
4 1	14 26.87	− 3 23.7	1.647	2.582	9.8	20.5
4 11	14 19.73	− 2 55.4	1.588	2.566	6.2	20.2
4 21	14 11.11	− 2 31.1	1.556	2.551	4.0	20.1
5 1	14 2.01	− 2 15.8	1.550	2.537	5.9	20.1
5 11	13 53.54	− 2 13.7	1.570	2.522	9.7	20.3
5 21	13 46.61	− 2 27.1	1.613	2.508	13.5	20.5
5 31	13 41.92	− 2 56.8	1.676	2.494	16.8	20.7

73085 2002 GM_{17} 4 24.3 315°.73 1°.6/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.31	− 9 6.8	1.548	2.414	14.6	18.5
4 1	14 28.46	− 9 10.7	1.451	2.385	10.9	18.2
4 11	14 20.96	− 9 10.4	1.376	2.357	6.5	17.8
4 21	14 11.49	− 9 8.6	1.326	2.329	2.0	17.5
5 1	14 1.15	− 9 8.9	1.302	2.301	4.3	17.6
5 11	13 51.30	− 9 15.6	1.304	2.274	9.3	17.8
5 21	13 43.14	− 9 32.1	1.329	2.248	14.1	18.0
5 31	13 37.60	−10 0.9	1.374	2.222	18.3	18.2

491103 2011 SQ_{42} 4 24.3 200°.32 0°.1/24.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 29.34	−14 48.2	2.603	3.442	10.3	22.7
4 1	14 24.37	−14 21.4	2.519	3.439	7.6	22.5
4 11	14 17.95	−13 46.7	2.460	3.436	4.5	22.3
4 21	14 10.62	−13 6.4	2.430	3.433	1.1	22.1
5 1	14 3.06	−12 23.8	2.429	3.429	2.3	22.2
5 11	13 55.98	−11 43.0	2.456	3.426	5.6	22.4
5 21	13 49.97	−11 7.5	2.511	3.421	8.7	22.6
5 31	13 45.49	−10 40.3	2.590	3.417	11.3	22.7

414402 2009 BV_{39} 4 24.3 317°.95 5°.0/21.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.01	− 4 55.6	1.247	2.132	16.2	20.6
4 1	14 26.94	− 4 3.7	1.174	2.117	12.0	20.3
4 11	14 20.06	− 3 7.2	1.122	2.103	7.6	20.0
4 21	14 11.24	− 2 13.9	1.093	2.089	5.0	19.8
5 1	14 1.79	− 1 32.4	1.088	2.077	7.5	19.9
5 11	13 53.18	− 1 10.1	1.107	2.064	12.2	20.1
5 21	13 46.64	− 1 10.8	1.146	2.052	16.9	20.4
5 31	13 42.97	− 1 35.3	1.202	2.041	20.9	20.6

16631 1993 OY_{3} 4 24.3 116°.60 2°.1/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 34.06	−10 31.1	1.482	2.348	15.2	18.8
4 1	14 28.59	− 9 46.6	1.420	2.355	11.1	18.6
4 11	14 20.71	− 8 53.3	1.381	2.362	6.4	18.4
4 21	14 11.34	− 7 56.8	1.367	2.369	2.3	18.1
5 1	14 1.69	− 7 4.0	1.380	2.376	4.7	18.3
5 11	13 53.03	− 6 21.7	1.418	2.383	9.3	18.6
5 21	13 46.29	− 5 54.5	1.479	2.389	13.6	18.8
5 31	13 42.10	− 5 44.9	1.561	2.395	17.2	19.1

259280 2003 DX_{24} 4 24.3 107°.95 1°.0/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 38.34	−14 55.8	1.815	2.654	14.1	20.3
4 1	14 31.45	−15 18.8	1.747	2.665	10.5	20.1
4 11	14 22.31	−15 33.3	1.702	2.676	6.3	19.9
4 21	14 11.75	−15 40.1	1.685	2.687	2.0	19.6
5 1	14 0.86	−15 41.2	1.695	2.697	2.9	19.7
5 11	13 50.82	−15 40.0	1.734	2.707	7.2	20.0
5 21	13 42.55	−15 40.3	1.799	2.717	11.1	20.2
5 31	13 36.67	−15 45.6	1.887	2.727	14.4	20.5

514099 2014 XL_{40} 4 24.3 241°.09 0°.4/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 22.41	−11 45.2	4.768	5.608	6.0	21.8
4 1	14 18.81	−11 25.8	4.678	5.601	4.3	21.7
4 11	14 14.49	−11 3.4	4.616	5.594	2.5	21.5
4 21	14 9.75	−10 39.3	4.584	5.587	0.7	21.4
5 1	14 4.88	−10 15.1	4.581	5.580	1.5	21.4
5 11	14 0.24	− 9 52.8	4.609	5.573	3.4	21.6
5 21	13 56.11	− 9 33.7	4.665	5.566	5.2	21.7
5 31	13 52.74	− 9 19.2	4.746	5.559	6.8	21.8

7269 Alprokhorov 4 24.3 214°.85 1°.0/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 29.98	−11 19.7	2.439	3.287	10.6	18.0
4 1	14 24.92	−10 51.7	2.356	3.282	7.7	17.8
4 11	14 18.32	−10 17.7	2.299	3.278	4.5	17.6
4 21	14 10.74	− 9 40.5	2.269	3.273	1.3	17.3
5 1	14 2.90	− 9 3.8	2.269	3.267	2.9	17.5
5 11	13 55.55	− 8 31.5	2.298	3.262	6.3	17.7
5 21	13 49.34	− 8 6.8	2.353	3.256	9.5	17.8
5 31	13 44.76	− 7 52.2	2.431	3.250	12.2	18.0

143193 2002 XV_{83} 4 24.3 112°.60 6°.3/19.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.70	+ 2 35.1	1.882	2.744	12.7	20.1
4 1	14 27.71	+ 3 45.0	1.837	2.762	9.7	20.0
4 11	14 19.92	+ 4 49.9	1.817	2.779	7.1	19.8
4 21	14 11.11	+ 5 43.1	1.823	2.796	6.4	19.8
5 1	14 2.24	+ 6 19.1	1.856	2.812	8.0	19.9
5 11	13 54.23	+ 6 34.7	1.915	2.828	10.6	20.1
5 21	13 47.78	+ 6 29.5	1.997	2.843	13.4	20.3
5 31	13 43.37	+ 6 5.0	2.098	2.858	15.8	20.5

215097 5049 $T\text{-}_{3}$ 4 24.3 213°.93 4°.0/20.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.55	− 4 19.7	1.952	2.812	12.3	21.3
4 1	14 27.84	− 3 23.2	1.874	2.805	9.1	21.1
4 11	14 20.17	− 2 23.9	1.821	2.797	5.8	20.9
4 21	14 11.22	− 1 27.4	1.795	2.788	4.0	20.8
5 1	14 1.92	− 0 39.6	1.798	2.779	5.9	20.9
5 11	13 53.27	− 0 5.6	1.827	2.769	9.3	21.0
5 21	13 46.06	+ 0 11.6	1.881	2.758	12.7	21.2
5 31	13 40.91	+ 0 10.9	1.956	2.747	15.7	21.4

14280 2000 CN_{72} 4 24.3 243°.71 1°.7/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 30.17	−10 11.5	2.014	2.872	12.1	18.0
4 1	14 25.29	− 9 35.5	1.940	2.871	8.8	17.8
4 11	14 18.62	− 8 53.1	1.890	2.871	5.1	17.6
4 21	14 10.82	− 8 8.3	1.868	2.870	1.8	17.4
5 1	14 2.75	− 7 25.8	1.873	2.869	3.8	17.5
5 11	13 55.31	− 6 50.4	1.906	2.869	7.5	17.7
5 21	13 49.24	− 6 25.9	1.964	2.868	11.0	17.9
5 31	13 45.07	− 6 14.4	2.043	2.867	14.0	18.1

102793 1999 VO_{158} 4 24.3 289°.67 1°.1/25.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.43	−17 0.5	1.535	2.387	15.5	19.8
4 1	14 28.66	−16 52.4	1.435	2.360	11.8	19.5
4 11	14 21.13	−16 29.9	1.357	2.333	7.3	19.1
4 21	14 11.57	−15 54.3	1.303	2.306	2.4	18.8
5 1	14 1.11	−15 9.5	1.276	2.278	3.5	18.8
5 11	13 51.18	−14 22.2	1.274	2.251	8.7	19.0
5 21	13 43.04	−13 39.4	1.296	2.223	13.7	19.2
5 31	13 37.62	−13 7.9	1.338	2.196	18.1	19.4

306884 2001 TZ_{49} 4 24.3 115°.69 1°.6/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.42	−19 17.3	2.808	3.622	10.3	21.3
4 1	14 27.16	−19 21.5	2.740	3.643	7.8	21.1
4 11	14 19.50	−19 16.6	2.698	3.663	4.9	21.0
4 21	14 11.02	−19 3.8	2.685	3.683	2.2	20.8
5 1	14 2.40	−18 44.9	2.702	3.702	2.3	20.9
5 11	13 54.36	−18 22.9	2.749	3.720	4.9	21.1
5 21	13 47.45	−18 1.1	2.824	3.738	7.6	21.3
5 31	13 42.11	−17 42.4	2.923	3.756	10.0	21.5

433300 2013 JC_{51} 4 24.3 280°.37 2°.6/22.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 32.49	− 9 38.6	1.535	2.403	14.7	21.5
4 1	14 27.74	− 8 52.6	1.446	2.382	10.8	21.2
4 11	14 20.45	− 7 56.9	1.379	2.361	6.4	20.9
4 21	14 11.36	− 6 56.9	1.338	2.339	2.7	20.6
5 1	14 1.61	− 5 59.6	1.323	2.318	5.2	20.7
5 11	13 52.49	− 5 12.4	1.333	2.296	10.0	20.9
5 21	13 45.11	− 4 41.2	1.367	2.274	14.6	21.1
5 31	13 40.29	− 4 29.5	1.420	2.253	18.6	21.3

172411 2003 CM_{14} 4 24.3 233°.03 5°.6/18.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 28.88	+ 2 58.9	2.326	3.187	10.6	20.1
4 1	14 24.11	+ 4 1.7	2.259	3.183	8.2	20.0
4 11	14 17.83	+ 5 1.0	2.218	3.179	6.2	19.8
4 21	14 10.62	+ 5 51.5	2.204	3.174	5.6	19.8
5 1	14 3.20	+ 6 28.3	2.217	3.170	7.1	19.9
5 11	13 56.32	+ 6 48.1	2.256	3.165	9.5	20.0
5 21	13 50.58	+ 6 49.8	2.319	3.161	11.9	20.1
5 31	13 46.47	+ 6 33.6	2.403	3.156	14.2	20.3

491190 2011 UF_{84} 4 24.3 233°.50 2°.3/27.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 29.51	−24 42.9	3.047	3.843	10.0	22.8
4 1	14 24.44	−24 13.6	2.940	3.828	7.8	22.6
4 11	14 18.00	−23 31.2	2.859	3.812	5.4	22.4
4 21	14 10.67	−22 36.8	2.805	3.796	3.0	22.2
5 1	14 3.08	−21 32.9	2.782	3.779	2.6	22.2
5 11	13 55.90	−20 23.6	2.788	3.761	4.8	22.3
5 21	13 49.67	−19 13.4	2.823	3.743	7.5	22.5
5 31	13 44.86	−18 6.9	2.885	3.724	10.0	22.6

470531 2008 DE_7 4 24.3 51°.17 4°.6/28.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 31.33	−27 41.2	2.145	2.943	13.6	21.2
4 1	14 26.23	−27 56.8	2.070	2.952	10.9	21.0
4 11	14 19.22	−27 55.4	2.018	2.961	8.0	20.8
4 21	14 10.99	−27 36.8	1.991	2.970	5.4	20.7
5 1	14 2.48	−27 2.8	1.991	2.979	4.7	20.7
5 11	13 54.65	−26 17.9	2.018	2.988	6.6	20.8
5 21	13 48.29	−25 27.8	2.071	2.997	9.4	21.0
5 31	13 43.97	−24 38.3	2.147	3.007	12.1	21.2

149905 2005 SF_{45} 4 24.3 313°.50 1°.1/25.1 17

3 22	14 30.62	−17 52.5	1.580	2.432	15.1	20.2
4 1	14 26.23	−17 29.1	1.499	2.424	11.4	19.9
4 11	14 19.46	−16 50.2	1.441	2.417	7.0	19.6
4 21	14 11.10	−15 58.4	1.407	2.409	2.3	19.3
5 1	14 2.26	−14 59.0	1.399	2.402	3.2	19.3
5 11	13 54.18	−13 59.2	1.418	2.395	7.9	19.6
5 21	13 47.85	−13 6.1	1.460	2.388	12.4	19.9
5 31	13 43.99	−12 25.5	1.523	2.382	16.3	20.1

473090 2015 HC_{151} 4 24.3 82°.18 2°.0/25.9 17

3 22	14 32.89	−19 13.8	2.107	2.936	12.8	21.3
4 1	14 27.33	−19 25.4	2.030	2.940	9.7	21.1
4 11	14 19.86	−19 25.8	1.977	2.944	6.2	20.9
4 21	14 11.17	−19 15.9	1.950	2.948	2.8	20.7
5 1	14 2.16	−18 57.9	1.952	2.952	2.9	20.7
5 11	13 53.78	−18 35.5	1.981	2.956	6.3	20.9
5 21	13 46.84	−18 13.1	2.037	2.960	9.7	21.1
5 31	13 41.89	−17 54.9	2.116	2.964	12.7	21.3

371201 2005 YP_{208} 4 24.3 153°.95 3°.6/27.8 17

3 22	14 35.52	−26 5.8	2.566	3.354	11.9	22.5
4 1	14 28.98	−26 14.9	2.485	3.364	9.4	22.3
4 11	14 20.71	−26 9.9	2.429	3.374	6.7	22.2
4 21	14 11.37	−25 50.8	2.400	3.383	4.3	22.0
5 1	14 1.78	−25 19.2	2.401	3.391	3.7	22.0
5 11	13 52.81	−24 39.0	2.430	3.398	5.7	22.1
5 21	13 45.15	−23 54.8	2.488	3.405	8.4	22.3
5 31	13 39.34	−23 11.5	2.570	3.411	11.0	22.5

162547 2000 QR_{208} 4 24.3 233°.72 1°.5/25.3 16

3 22	14 36.59	−17 33.5	1.752	2.589	14.6	20.4
4 1	14 30.55	−17 35.6	1.662	2.579	11.0	20.1
4 11	14 22.03	−17 25.4	1.595	2.567	6.9	19.9
4 21	14 11.78	−17 3.7	1.554	2.555	2.6	19.6
5 1	14 0.92	−16 33.6	1.541	2.543	3.2	19.6
5 11	13 50.72	−16 0.2	1.555	2.529	7.7	19.8
5 21	13 42.24	−15 29.3	1.594	2.516	12.0	20.0
5 31	13 36.25	−15 6.1	1.656	2.501	15.8	20.2

40526 1999 RV_{96} 4 24.3 169°.90 1°.6/22.9 18

3 22	14 31.30	−10 25.8	2.097	2.951	11.9	19.5
4 1	14 26.06	− 9 47.8	2.023	2.953	8.6	19.3
4 11	14 19.06	− 9 3.4	1.975	2.954	5.0	19.1
4 21	14 10.97	− 8 16.4	1.954	2.956	1.8	18.8
5 1	14 2.64	− 7 31.4	1.961	2.957	3.6	19.0
5 11	13 54.94	− 6 53.3	1.996	2.958	7.3	19.2
5 21	13 48.59	− 6 25.8	2.057	2.959	10.7	19.4
5 31	13 44.12	− 6 11.0	2.140	2.959	13.6	19.6

276567 2003 SS_{212} 4 24.3 228°.61 0°.7/23.7 18

3 22	14 32.77	−11 52.3	2.328	3.172	11.2	21.2
4 1	14 27.11	−11 35.5	2.238	3.161	8.2	21.0
4 11	14 19.71	−11 12.4	2.173	3.150	4.8	20.8
4 21	14 11.16	−10 45.4	2.136	3.139	1.3	20.5
5 1	14 2.25	−10 17.7	2.128	3.127	2.9	20.6
5 11	13 53.84	− 9 53.1	2.149	3.115	6.6	20.8
5 21	13 46.64	− 9 35.2	2.197	3.102	9.9	21.0
5 31	13 41.21	− 9 26.4	2.268	3.089	12.9	21.2

280318 2003 RQ_{18} 4 24.3 184°.56 3°.6/27.1 16

3 22	14 35.68	−24 8.3	1.855	2.669	14.8	21.1
4 1	14 29.71	−24 10.1	1.772	2.670	11.6	20.9
4 11	14 21.43	−23 54.4	1.712	2.670	8.0	20.7
4 21	14 11.61	−23 21.3	1.678	2.669	4.5	20.5
5 1	14 1.37	−22 33.6	1.671	2.668	4.0	20.4
5 11	13 51.89	−21 36.9	1.691	2.666	7.2	20.6
5 21	13 44.15	−20 38.4	1.738	2.664	10.9	20.8
5 31	13 38.81	−19 44.9	1.807	2.661	14.3	21.0

413483 2005 JB_{152} 4 24.3 10°.59 0°.3/24.1 17

3 22	14 29.59	−14 56.6	1.201	2.077	17.3	20.8
4 1	14 25.87	−14 23.7	1.140	2.079	12.8	20.5
4 11	14 19.38	−13 35.3	1.099	2.081	7.5	20.2
4 21	14 11.11	−12 36.5	1.080	2.084	1.8	19.9
5 1	14 2.43	−11 34.8	1.086	2.088	4.0	20.0
5 11	13 54.80	−10 39.3	1.115	2.093	9.5	20.4
5 21	13 49.34	− 9 57.3	1.166	2.098	14.5	20.7
5 31	13 46.73	− 9 33.4	1.236	2.105	18.6	20.9

18293 Pilyugin 4 24.3 183°.04 1°.6/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 36.03	−19 4.8	2.045	2.871	13.2	18.8
4 1	14 29.70	−18 55.4	1.962	2.872	10.0	18.6
4 11	14 21.30	−18 33.3	1.903	2.872	6.3	18.4
4 21	14 11.57	−17 59.8	1.872	2.872	2.5	18.1
5 1	14 1.49	−17 18.4	1.869	2.870	2.8	18.1
5 11	13 52.09	−16 33.9	1.895	2.868	6.6	18.4
5 21	13 44.22	−15 51.7	1.947	2.865	10.4	18.6
5 31	13 38.51	−15 16.8	2.023	2.862	13.6	18.8

374521 2006 AE_{10} 4 24.3 186°.48 5°.2/29.1 17

3 22	14 33.95	−30 13.2	2.206	2.986	13.9	21.2
4 1	14 28.24	−30 22.1	2.118	2.986	11.3	21.0
4 11	14 20.47	−30 12.1	2.053	2.985	8.5	20.8
4 21	14 11.37	−29 42.3	2.013	2.984	6.0	20.7
5 1	14 1.89	−28 54.5	2.000	2.983	5.2	20.6
5 11	13 53.07	−27 53.2	2.015	2.981	6.9	20.7
5 21	13 45.78	−26 45.0	2.056	2.978	9.7	20.9
5 31	13 40.61	−25 36.8	2.121	2.976	12.5	21.0

264137 2009 UP_{71} 4 24.3 194°.44 1°.3/25.4 17

3 22	14 33.64	−18 21.7	2.318	3.144	11.9	21.8
4 1	14 27.75	−18 10.6	2.232	3.142	8.9	21.6
4 11	14 20.08	−17 48.7	2.170	3.139	5.6	21.4
4 21	14 11.26	−17 17.3	2.135	3.136	2.1	21.2
5 1	14 2.12	−16 39.5	2.130	3.131	2.5	21.2
5 11	13 53.54	−15 59.6	2.154	3.127	6.0	21.4
5 21	13 46.26	−15 22.0	2.205	3.121	9.4	21.6
5 31	13 40.84	−14 50.9	2.279	3.115	12.4	21.8

71337 2000 AG_{99} 4 24.3 190°.67 1°.8/22.8 18

3 22	14 34.11	−10 4.9	2.014	2.865	12.4	19.5
4 1	14 28.21	− 9 26.0	1.936	2.864	9.0	19.3
4 11	14 20.39	− 8 40.3	1.883	2.862	5.3	19.1
4 21	14 11.34	− 7 52.0	1.858	2.860	1.9	18.9
5 1	14 1.99	− 7 5.9	1.861	2.857	3.9	19.0
5 11	13 53.29	− 6 27.2	1.893	2.853	7.7	19.2
5 21	13 46.05	− 5 59.6	1.950	2.848	11.4	19.4
5 31	13 40.84	− 5 45.7	2.029	2.843	14.5	19.6

187322 2005 UT_{57} 4 24.3 275°.03 0°.8/23.7 17

3 22	14 31.67	−13 15.6	1.762	2.618	13.6	20.9
4 1	14 26.85	−12 42.6	1.672	2.601	10.1	20.6
4 11	14 19.81	−11 58.7	1.605	2.584	5.9	20.4
4 21	14 11.24	−11 7.6	1.564	2.568	1.5	20.0
5 1	14 2.14	−10 14.4	1.551	2.551	3.6	20.1
5 11	13 53.64	− 9 25.5	1.564	2.534	8.2	20.4
5 21	13 46.69	− 8 46.6	1.602	2.516	12.4	20.6
5 31	13 42.00	− 8 21.7	1.661	2.499	16.1	20.8

221121 2005 SV_{221} 4 24.3 182°.90 10°.5/12.0 17

3 22	14 30.02	+12 49.1	1.858	2.712	13.1	20.0
4 1	14 25.30	+15 12.4	1.814	2.712	11.3	19.9
4 11	14 18.68	+17 23.2	1.796	2.712	10.5	19.8
4 21	14 10.90	+19 11.4	1.803	2.712	11.1	19.8
5 1	14 2.90	+20 29.4	1.834	2.712	12.7	19.9
5 11	13 55.63	+21 13.5	1.887	2.711	14.8	20.1
5 21	13 49.85	+21 24.5	1.958	2.710	16.9	20.2
5 31	13 46.08	+21 5.8	2.045	2.709	18.7	20.4

512333 2016 LC_{41} 4 24.3 279°.57 8°.1/16.9 17

3 22	14 33.29	+ 8 2.0	1.989	2.843	12.4	21.3
4 1	14 27.82	+ 9 9.7	1.903	2.815	10.1	21.1
4 11	14 20.29	+10 10.7	1.841	2.787	8.4	20.9
4 21	14 11.36	+10 57.8	1.805	2.757	8.2	20.9
5 1	14 1.90	+11 24.4	1.795	2.728	9.9	20.9
5 11	13 52.94	+11 26.5	1.809	2.698	12.5	21.0
5 21	13 45.35	+11 3.3	1.846	2.668	15.3	21.1
5 31	13 39.80	+10 16.4	1.901	2.637	17.9	21.2

382331 2013 TF_{30} 4 24.3 252°.31 1°.1/23.4 17

3 22	14 30.86	−12 42.9	1.897	2.752	12.9	21.5
4 1	14 26.02	−11 58.2	1.812	2.742	9.4	21.3
4 11	14 19.20	−11 3.4	1.752	2.732	5.5	21.0
4 21	14 11.06	−10 2.6	1.718	2.722	1.5	20.8
5 1	14 2.54	− 9 1.3	1.713	2.711	3.6	20.9
5 11	13 54.64	− 8 5.8	1.734	2.701	7.8	21.1
5 21	13 48.18	− 7 21.3	1.781	2.690	11.7	21.3
5 31	13 43.78	− 6 51.5	1.849	2.679	15.0	21.5

248671 2006 JN_{38} 4 24.3 310°.17 4°.4/27.7 17

3 22	14 30.28	−25 34.1	1.743	2.565	15.3	20.0
4 1	14 26.09	−25 41.8	1.646	2.545	12.2	19.7
4 11	14 19.50	−25 30.3	1.570	2.525	8.7	19.5
4 21	14 11.19	−24 58.8	1.518	2.505	5.4	19.2
5 1	14 2.22	−24 9.4	1.491	2.486	4.7	19.2
5 11	13 53.84	−23 7.6	1.491	2.467	7.7	19.3
5 21	13 47.10	−22 1.2	1.514	2.449	11.6	19.5
5 31	13 42.82	−20 58.0	1.560	2.431	15.3	19.6

290897 2005 WQ_{94} 4 24.3 206°.73 2°.0/22.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 32.77	− 8 42.2	2.231	3.082	11.4	21.6
4 1	14 27.10	− 8 6.5	2.148	3.076	8.3	21.4
4 11	14 19.69	− 7 25.8	2.092	3.070	4.9	21.2
4 21	14 11.17	− 6 43.8	2.063	3.064	2.1	20.9
5 1	14 2.35	− 6 4.8	2.063	3.057	3.9	21.1
5 11	13 54.08	− 5 33.2	2.092	3.049	7.3	21.3
5 21	13 47.08	− 5 12.1	2.147	3.040	10.7	21.4
5 31	13 41.91	− 5 3.7	2.224	3.032	13.6	21.6

344385 2001 XW_{232} 4 24.3 112°.48 2°.8/21.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.67	− 4 30.3	2.467	3.320	10.3	20.6
4 1	14 26.00	− 4 7.0	2.405	3.332	7.5	20.5
4 11	14 18.90	− 3 43.1	2.368	3.344	4.6	20.3
4 21	14 10.95	− 3 22.0	2.360	3.356	2.8	20.2
5 1	14 2.86	− 3 6.8	2.382	3.368	4.2	20.3
5 11	13 55.37	− 3 0.2	2.431	3.379	7.0	20.5
5 21	13 49.05	− 3 3.7	2.507	3.390	9.7	20.7
5 31	13 44.34	− 3 18.0	2.605	3.401	12.1	20.9

493510 2015 BG_{364} 4 24.3 166°.22 2°.2/22.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.97	− 8 6.9	2.003	2.858	12.3	21.4
4 1	14 28.07	− 7 35.7	1.932	2.862	9.0	21.2
4 11	14 20.28	− 7 0.0	1.886	2.865	5.3	21.0
4 21	14 11.32	− 6 24.0	1.867	2.868	2.3	20.8
5 1	14 2.10	− 5 52.0	1.877	2.870	4.2	20.9
5 11	13 53.58	− 5 28.3	1.915	2.873	7.8	21.2
5 21	13 46.53	− 5 16.1	1.978	2.874	11.3	21.4
5 31	13 41.48	− 5 16.9	2.063	2.875	14.3	21.6

64969 2002 AA_{4} 4 24.3 142°.57 4°.7/19.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.60	− 5 38.2	1.876	2.737	12.7	19.4
4 1	14 27.73	− 3 33.9	1.819	2.751	9.3	19.2
4 11	14 20.01	− 1 24.7	1.789	2.764	6.0	19.0
4 21	14 11.23	+ 0 40.5	1.787	2.776	4.7	19.0
5 1	14 2.33	+ 2 32.4	1.816	2.787	6.8	19.1
5 11	13 54.27	+ 4 3.6	1.872	2.797	10.1	19.3
5 21	13 47.76	+ 5 10.4	1.952	2.807	13.3	19.6
5 31	13 43.31	+ 5 51.9	2.052	2.815	16.0	19.8

79313 1996 CK 4 24.3 104°.81 15°.6/ 2.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 49.81	−40 58.0	1.186	1.940	24.8	19.1
4 1	14 42.51	−43 20.4	1.129	1.952	22.0	18.9
4 11	14 30.19	−45 9.1	1.088	1.964	19.1	18.7
4 21	14 14.05	−46 11.0	1.064	1.976	16.8	18.6
5 1	13 56.51	−46 18.5	1.061	1.988	15.7	18.6
5 11	13 40.61	−45 35.9	1.078	1.999	16.2	18.6
5 21	13 28.65	−44 17.0	1.114	2.010	18.1	18.8
5 31	13 21.84	−42 40.1	1.168	2.020	20.6	19.0

210699 2000 SX_{101} 4 24.3 174°.86 0°.8/25.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 35.48	−17 27.1	1.958	2.792	13.4	21.8
4 1	14 29.31	−17 4.1	1.880	2.796	10.0	21.6
4 11	14 21.08	−16 28.7	1.825	2.798	6.1	21.3
4 21	14 11.53	−15 43.2	1.798	2.800	2.0	21.0
5 1	14 1.67	−14 51.8	1.799	2.801	2.8	21.1
5 11	13 52.55	−14 0.2	1.829	2.801	6.9	21.4
5 21	13 45.01	−13 13.9	1.885	2.801	10.8	21.6
5 31	13 39.65	−12 37.5	1.964	2.799	14.1	21.8

210748 2000 UT_{114} 4 24.3 212°.34 1°.2/25.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 35.57	−17 43.7	1.869	2.705	13.9	21.3
4 1	14 29.60	−17 31.2	1.782	2.698	10.5	21.1
4 11	14 21.37	−17 5.9	1.719	2.691	6.5	20.8
4 21	14 11.64	−16 29.5	1.682	2.684	2.3	20.5
5 1	14 1.43	−15 45.6	1.673	2.675	2.9	20.6
5 11	13 51.89	−14 59.9	1.692	2.666	7.3	20.8
5 21	13 43.98	−14 18.1	1.737	2.656	11.3	21.0
5 31	13 38.36	−13 45.3	1.804	2.646	14.9	21.2

512503 2016 RW_{9} 4 24.3 252°.15 2°.4/21.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 28.66	− 7 54.2	2.344	3.201	10.6	22.1
4 1	14 24.06	− 7 1.4	2.259	3.190	7.7	21.9
4 11	14 17.89	− 6 3.5	2.200	3.179	4.6	21.7
4 21	14 10.72	− 5 4.9	2.169	3.168	2.4	21.6
5 1	14 3.27	− 4 10.3	2.167	3.157	4.2	21.7
5 11	13 56.30	− 3 24.5	2.193	3.145	7.4	21.8
5 21	13 50.46	− 2 50.8	2.245	3.133	10.5	22.0
5 31	13 46.24	− 2 31.5	2.318	3.121	13.2	22.2

59149 1998 XA_{84} 4 24.3 58°.57 2°.3/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.40	−10 27.1	1.283	2.157	16.5	19.1
4 1	14 28.43	− 9 43.3	1.225	2.164	12.0	18.8
4 11	14 20.79	− 8 50.0	1.188	2.171	7.0	18.6
4 21	14 11.48	− 7 53.4	1.175	2.178	2.6	18.3
5 1	14 1.85	− 7 1.2	1.188	2.185	5.1	18.5
5 11	13 53.32	− 6 21.0	1.225	2.193	10.1	18.8
5 21	13 46.93	− 5 57.7	1.284	2.200	14.7	19.1
5 31	13 43.34	− 5 53.6	1.362	2.208	18.5	19.3

97076 1999 VT_{32} 4 24.3 85°.55 1°.0/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 32.19	−11 28.7	1.907	2.762	12.8	19.8
4 1	14 26.87	−11 9.3	1.838	2.767	9.4	19.6
4 11	14 19.61	−10 43.1	1.792	2.772	5.4	19.3
4 21	14 11.16	−10 13.2	1.774	2.777	1.5	19.1
5 1	14 2.44	− 9 43.8	1.783	2.782	3.3	19.2
5 11	13 54.44	− 9 19.4	1.819	2.787	7.4	19.5
5 21	13 47.94	− 9 3.6	1.881	2.792	11.0	19.7
5 31	13 43.49	− 8 59.0	1.965	2.797	14.2	19.9

203370 2001 WY_{35} 4 24.3 229°.25 3°.4/21.8 17 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 35.55	− 6 18.6	1.761	2.620	13.5	21.3
4 1	14 29.62	− 5 32.1	1.678	2.609	9.9	21.1
4 11	14 21.40	− 4 40.7	1.618	2.596	6.1	20.8
4 21	14 11.65	− 3 49.9	1.585	2.583	3.5	20.6
5 1	14 1.41	− 3 5.7	1.581	2.569	5.6	20.7
5 11	13 51.83	− 2 33.9	1.603	2.554	9.6	20.9
5 21	13 43.88	− 2 18.2	1.649	2.539	13.5	21.1
5 31	13 38.24	− 2 20.4	1.715	2.522	17.0	21.3

72964 2002 CP_{117} 4 24.3 327°.80 5°.3/21.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 32.54	− 3 25.3	1.315	2.196	15.8	18.8
4 1	14 27.88	− 2 36.5	1.249	2.190	11.7	18.5
4 11	14 20.55	− 1 46.0	1.205	2.183	7.6	18.2
4 21	14 11.45	− 1 1.3	1.184	2.178	5.3	18.1
5 1	14 1.87	− 0 30.2	1.187	2.172	7.6	18.2
5 11	13 53.21	− 0 18.6	1.215	2.167	11.9	18.4
5 21	13 46.58	− 0 28.9	1.263	2.163	16.1	18.7
5 31	13 42.69	− 1 1.0	1.329	2.159	19.8	18.9

392696 2011 WS_{109} 4 24.3 184°.43 0°.1/24.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 28.49	−15 5.3	2.548	3.388	10.5	21.9
4 1	14 23.81	−14 38.5	2.467	3.388	7.7	21.8
4 11	14 17.69	−14 3.5	2.412	3.388	4.6	21.6
4 21	14 10.67	−13 22.8	2.384	3.388	1.2	21.3
5 1	14 3.44	−12 39.8	2.386	3.387	2.3	21.4
5 11	13 56.69	−11 58.5	2.417	3.387	5.6	21.6
5 21	13 51.03	−11 22.6	2.474	3.387	8.7	21.8
5 31	13 46.91	−10 55.0	2.555	3.386	11.3	22.0

319282 2006 BY_{73} 4 24.3 12°.71 2°.4/20.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 22.76	− 1 45.2	4.232	5.087	6.3	20.6
4 1	14 19.14	− 1 13.6	4.160	5.087	4.7	20.4
4 11	14 14.75	− 0 42.6	4.116	5.087	3.1	20.3
4 21	14 9.91	− 0 14.3	4.101	5.088	2.4	20.3
5 1	14 4.96	+ 0 9.1	4.115	5.088	3.3	20.3
5 11	14 0.28	+ 0 25.9	4.158	5.089	4.9	20.4
5 21	13 56.18	+ 0 35.0	4.228	5.089	6.6	20.6
5 31	13 52.92	+ 0 35.6	4.321	5.090	8.1	20.7

498371 2007 VH_{332} 4 24.3 113°.25 5°.2/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 32.47	−31 56.9	2.563	3.326	12.6	21.7
4 1	14 26.87	−32 12.3	2.485	3.338	10.4	21.6
4 11	14 19.54	−32 10.5	2.430	3.350	8.0	21.4
4 21	14 11.14	−31 51.0	2.401	3.362	6.0	21.3
5 1	14 2.51	−31 15.1	2.399	3.373	5.2	21.3
5 11	13 54.50	−30 26.7	2.425	3.384	6.3	21.4
5 21	13 47.81	−29 30.8	2.477	3.395	8.5	21.5
5 31	13 42.98	−28 33.1	2.554	3.405	10.7	21.7

217773 2000 RO_{76} 4 24.3 154°.13 3°.6/27.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 35.53	−26 21.0	2.570	3.356	12.0	20.5
4 1	14 29.01	−26 30.5	2.489	3.366	9.5	20.3
4 11	14 20.77	−26 25.8	2.432	3.376	6.8	20.2
4 21	14 11.46	−26 6.8	2.403	3.385	4.3	20.0
5 1	14 1.89	−25 35.2	2.403	3.393	3.8	20.0
5 11	13 52.93	−24 54.7	2.432	3.400	5.8	20.1
5 21	13 45.29	−24 10.0	2.489	3.407	8.4	20.3
5 31	13 39.49	−23 26.1	2.571	3.413	11.0	20.5

408468 2013 HU_{68} 4 24.3 55°.62 2°.3/25.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 36.75	−17 55.7	1.348	2.200	17.3	20.6
4 1	14 31.04	−18 16.2	1.282	2.205	13.1	20.3
4 11	14 22.44	−18 22.4	1.238	2.211	8.3	20.1
4 21	14 11.94	−18 14.8	1.217	2.217	3.4	19.8
5 1	14 0.96	−17 56.6	1.222	2.224	3.8	19.8
5 11	13 51.03	−17 33.5	1.252	2.230	8.6	20.1
5 21	13 43.35	−17 11.9	1.305	2.237	13.3	20.4
5 31	13 38.67	−16 57.8	1.378	2.244	17.3	20.7

14255 2000 AS_{70} 4 24.3 138°.12 3°.8/20.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.41	− 2 19.7	2.413	3.269	10.4	18.3
4 1	14 25.84	− 1 28.1	2.354	3.281	7.7	18.2
4 11	14 18.82	− 0 36.7	2.321	3.293	5.1	18.0
4 21	14 10.95	+ 0 9.8	2.316	3.304	3.8	18.0
5 1	14 2.96	+ 0 47.3	2.340	3.315	5.3	18.1
5 11	13 55.59	+ 1 12.4	2.392	3.325	7.9	18.3
5 21	13 49.41	+ 1 23.5	2.469	3.334	10.5	18.4
5 31	13 44.84	+ 1 20.0	2.569	3.343	12.8	18.6

20523 1999 RZ_{41} 4 24.3 273°.82 0°.7/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 27.72	−13 40.3	2.359	3.207	10.9	17.8
4 1	14 23.38	−12 54.5	2.273	3.200	8.0	17.6
4 11	14 17.50	−11 59.9	2.213	3.192	4.6	17.3
4 21	14 10.65	−10 59.8	2.180	3.184	1.2	17.1
5 1	14 3.52	− 9 58.8	2.176	3.176	2.8	17.2
5 11	13 56.90	− 9 1.8	2.201	3.167	6.4	17.4
5 21	13 51.40	− 8 13.2	2.252	3.159	9.6	17.6
5 31	13 47.52	− 7 36.2	2.325	3.151	12.5	17.8

434458 2005 QP_{25} 4 24.3 200°.11 4°.3/18.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 27.42	+ 0 45.1	2.939	3.795	8.8	21.4
4 1	14 22.82	+ 1 57.3	2.868	3.792	6.6	21.3
4 11	14 17.03	+ 3 8.5	2.824	3.788	4.8	21.2
4 21	14 10.51	+ 4 14.1	2.809	3.783	4.3	21.1
5 1	14 3.82	+ 5 10.0	2.823	3.778	5.6	21.2
5 11	13 57.54	+ 5 52.6	2.865	3.773	7.7	21.3
5 21	13 52.16	+ 6 20.2	2.932	3.767	9.9	21.5
5 31	13 48.05	+ 6 32.3	3.020	3.761	11.8	21.6

294591 2007 YE_{71} 4 24.3 70°.88 6°.7/ 1.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.60	−34 52.1	2.217	2.972	14.6	20.7
4 1	14 27.94	−35 17.0	2.150	2.991	12.2	20.6
4 11	14 20.26	−35 20.8	2.103	3.010	9.7	20.4
4 21	14 11.35	−35 2.4	2.081	3.029	7.6	20.3
5 1	14 2.21	−34 22.9	2.084	3.048	6.7	20.3
5 11	13 53.87	−33 27.0	2.114	3.067	7.5	20.4
5 21	13 47.14	−32 21.0	2.170	3.086	9.5	20.6
5 31	13 42.59	−31 12.2	2.250	3.105	11.8	20.7

430129 2013 TA_{35} 4 24.3 125°.54 0°.1/24.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 30.64	−16 27.3	2.089	2.931	12.4	21.3
4 1	14 25.55	−15 29.6	2.020	2.942	9.1	21.1
4 11	14 18.76	−14 19.9	1.975	2.952	5.3	20.9
4 21	14 10.96	−13 2.3	1.958	2.962	1.3	20.6
5 1	14 3.00	−11 42.7	1.971	2.971	2.8	20.7
5 11	13 55.75	−10 27.3	2.011	2.981	6.6	21.0
5 21	13 49.88	− 9 21.6	2.078	2.989	10.1	21.2
5 31	13 45.88	− 8 29.6	2.168	2.998	13.1	21.4

217535 2006 YC_{42} 4 24.3 219°.53 1°.5/23.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.37	−10 38.6	2.010	2.861	12.4	20.7
4 1	14 27.77	−10 4.3	1.926	2.854	9.1	20.5
4 11	14 20.21	− 9 22.7	1.866	2.845	5.3	20.3
4 21	14 11.37	− 8 37.6	1.834	2.836	1.8	20.0
5 1	14 2.15	− 7 53.8	1.830	2.827	3.7	20.1
5 11	13 53.53	− 7 16.3	1.855	2.817	7.7	20.3
5 21	13 46.32	− 6 49.2	1.904	2.806	11.4	20.5
5 31	13 41.14	− 6 35.3	1.976	2.795	14.6	20.7

299320 2005 QB_{104} 4 24.3 155°.85 3°.3/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.08	−25 21.0	2.600	3.398	11.5	21.4
4 1	14 25.79	−25 26.1	2.516	3.402	9.1	21.3
4 11	14 18.91	−25 18.0	2.456	3.405	6.4	21.1
4 21	14 11.02	−24 56.9	2.423	3.408	4.0	20.9
5 1	14 2.86	−24 24.6	2.418	3.411	3.5	20.9
5 11	13 55.23	−23 44.7	2.442	3.413	5.5	21.1
5 21	13 48.78	−23 1.7	2.493	3.416	8.2	21.2
5 31	13 44.01	−22 20.1	2.568	3.418	10.7	21.4

497886 2006 UL_{266} 4 24.3 171°.29 0°.5/23.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.45	−13 53.8	1.954	2.800	12.9	22.2
4 1	14 27.80	−13 20.3	1.879	2.803	9.5	22.0
4 11	14 20.19	−12 37.0	1.828	2.806	5.6	21.8
4 21	14 11.35	−11 47.3	1.805	2.808	1.4	21.5
5 1	14 2.23	−10 56.0	1.809	2.810	3.1	21.6
5 11	13 53.82	−10 8.8	1.842	2.811	7.2	21.9
5 21	13 46.91	− 9 30.3	1.901	2.811	11.0	22.1
5 31	13 42.08	− 9 4.1	1.981	2.811	14.2	22.3

504601 2008 UD_{126} 4 24.3 212°.63 1°.2/25.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 32.21	−17 59.3	2.243	3.074	12.0	22.2
4 1	14 26.80	−17 49.2	2.156	3.069	9.0	22.0
4 11	14 19.59	−17 28.3	2.094	3.064	5.6	21.8
4 21	14 11.21	−16 58.2	2.058	3.059	2.1	21.5
5 1	14 2.48	−16 21.9	2.052	3.054	2.5	21.6
5 11	13 54.31	−15 43.8	2.074	3.048	6.1	21.8
5 21	13 47.44	−15 8.3	2.123	3.042	9.6	22.0
5 31	13 42.44	−14 39.5	2.195	3.035	12.6	22.2

417969 2007 TV_{140} 4 24.3 309°.84 2°.9/22.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 30.59	− 9 35.8	1.260	2.140	16.3	20.8
4 1	14 26.79	− 8 49.6	1.178	2.121	12.1	20.5
4 11	14 20.14	− 7 52.5	1.118	2.101	7.2	20.2
4 21	14 11.43	− 6 50.7	1.080	2.082	3.0	19.9
5 1	14 1.97	− 5 52.5	1.067	2.063	5.8	20.0
5 11	13 53.26	− 5 6.9	1.078	2.045	11.2	20.2
5 21	13 46.58	− 4 40.4	1.109	2.028	16.3	20.4
5 31	13 42.81	− 4 36.5	1.158	2.011	20.7	20.7

105992 2000 SR_{275} 4 24.3 156°.80 2°.9/21.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 32.21	− 3 22.0	2.566	3.417	10.0	19.1
4 1	14 26.43	− 3 6.0	2.495	3.421	7.4	18.9
4 11	14 19.20	− 2 50.3	2.449	3.424	4.6	18.7
4 21	14 11.09	− 2 37.9	2.432	3.427	2.9	18.6
5 1	14 2.78	− 2 31.7	2.445	3.429	4.3	18.7
5 11	13 55.00	− 2 34.0	2.486	3.432	7.0	18.9
5 21	13 48.35	− 2 46.1	2.554	3.434	9.7	19.0
5 31	13 43.26	− 3 8.5	2.645	3.436	12.1	19.2

389729 2011 SN_{90} 4 24.3 212°.71 2°.5/26.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.39	−21 3.1	2.507	3.321	11.4	21.1
4 1	14 27.56	−21 23.6	2.419	3.318	8.8	20.9
4 11	14 20.01	−21 33.9	2.355	3.315	5.9	20.7
4 21	14 11.32	−21 33.9	2.318	3.311	3.1	20.5
5 1	14 2.27	−21 25.1	2.311	3.308	3.0	20.5
5 11	13 53.70	−21 10.1	2.332	3.304	5.6	20.7
5 21	13 46.33	−20 52.6	2.381	3.301	8.6	20.9
5 31	13 40.72	−20 36.5	2.454	3.297	11.4	21.0

93419 2000 SS_{305} 4 24.3 250°.44 0°.2/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 30.69	−17 22.9	2.063	2.903	12.6	20.0
4 1	14 25.86	−16 29.9	1.968	2.888	9.4	19.8
4 11	14 19.12	−15 22.5	1.897	2.872	5.6	19.5
4 21	14 11.11	−14 4.1	1.853	2.856	1.5	19.2
5 1	14 2.71	−12 40.0	1.838	2.840	2.8	19.3
5 11	13 54.85	−11 17.3	1.852	2.823	7.0	19.5
5 21	13 48.35	−10 2.5	1.892	2.806	10.8	19.7
5 31	13 43.81	− 9 1.0	1.955	2.788	14.2	19.9

409211 2003 WN_{57} 4 24.3 194°.94 0°.3/24.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 34.75	−15 54.4	2.011	2.849	12.9	22.3
4 1	14 28.79	−15 30.3	1.928	2.847	9.6	22.0
4 11	14 20.82	−14 55.1	1.869	2.844	5.8	21.8
4 21	14 11.54	−14 11.4	1.837	2.840	1.6	21.5
5 1	14 1.89	−13 23.3	1.834	2.836	2.8	21.6
5 11	13 52.91	−12 36.2	1.860	2.831	7.0	21.8
5 21	13 45.42	−11 55.1	1.911	2.825	10.8	22.0
5 31	13 40.03	−11 24.4	1.986	2.818	14.0	22.2

519942 2013 RS_{106} 4 24.3 262°.77 0°.8/25.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 30.79	−18 28.8	1.908	2.748	13.4	21.3
4 1	14 26.10	−17 48.0	1.815	2.734	10.1	21.0
4 11	14 19.34	−16 51.8	1.745	2.719	6.2	20.8
4 21	14 11.19	−15 42.9	1.702	2.704	2.0	20.5
5 1	14 2.59	−14 26.5	1.686	2.688	2.8	20.5
5 11	13 54.58	−13 9.8	1.699	2.673	7.2	20.7
5 21	13 48.04	−11 59.5	1.736	2.657	11.2	20.9
5 31	13 43.62	−11 1.6	1.797	2.641	14.8	21.1

253053 2002 TX_{26} 4 24.3 271°.07 1°.1/23.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 35.62	−10 37.0	1.668	2.525	14.2	20.1
4 1	14 29.92	−10 32.4	1.580	2.510	10.5	19.9
4 11	14 21.74	−10 21.4	1.516	2.495	6.2	19.6
4 21	14 11.83	−10 6.8	1.477	2.480	1.7	19.2
5 1	14 1.29	− 9 52.3	1.466	2.465	3.8	19.3
5 11	13 51.38	− 9 42.7	1.481	2.450	8.6	19.6
5 21	13 43.17	− 9 41.7	1.520	2.434	13.0	19.8
5 31	13 37.45	− 9 52.2	1.581	2.419	16.8	20.0

284601 2007 TH_{418} 4 24.3 154°.10 0°.5/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 30.85	−16 13.8	2.343	3.179	11.4	21.4
4 1	14 25.65	−15 53.2	2.265	3.183	8.4	21.2
4 11	14 18.84	−15 23.2	2.213	3.187	5.1	21.0
4 21	14 11.02	−14 46.2	2.188	3.191	1.5	20.7
5 1	14 2.98	−14 5.5	2.192	3.194	2.3	20.8
5 11	13 55.51	−13 25.5	2.225	3.197	5.9	21.0
5 21	13 49.27	−12 50.1	2.285	3.200	9.2	21.2
5 31	13 44.76	−12 22.9	2.368	3.203	12.0	21.4

2123 Vltava 4 24.3 208°.06 0°.5/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 30.97	−16 17.5	2.233	3.071	11.8	16.4
4 1	14 25.86	−15 56.7	2.149	3.068	8.8	16.2
4 11	14 19.03	−15 25.9	2.091	3.065	5.3	16.0
4 21	14 11.09	−14 47.4	2.060	3.062	1.6	15.7
5 1	14 2.85	−14 4.7	2.057	3.059	2.5	15.8
5 11	13 55.17	−13 22.5	2.083	3.055	6.2	16.0
5 21	13 48.76	−12 45.1	2.135	3.051	9.7	16.2
5 31	13 44.17	−12 16.3	2.210	3.047	12.7	16.4

2050 Francis 4 24.3 334°.56 21°.0/14.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 45.63	+29 54.8	1.112	1.920	23.0	15.4
4 1	14 38.36	+30 42.8	1.055	1.899	21.8	15.2
4 11	14 27.11	+30 48.7	1.013	1.878	21.1	15.1
4 21	14 13.22	+29 57.6	0.987	1.859	21.2	15.0
5 1	13 58.73	+28 1.3	0.978	1.842	22.3	15.0
5 11	13 45.82	+25 2.5	0.987	1.826	24.2	15.1
5 21	13 36.04	+21 13.5	1.013	1.812	26.5	15.2
5 31	13 30.21	+16 50.8	1.055	1.800	28.9	15.3

15343 1994 PB_1 4 24.3 177°.55 2°.0/22.8 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 34.78	−10 38.1	1.684	2.542	14.1	19.4
4 1	14 29.02	− 9 48.5	1.613	2.544	10.3	19.1
4 11	14 21.02	− 8 50.1	1.565	2.545	6.0	18.9
4 21	14 11.61	− 7 48.1	1.544	2.546	2.2	18.6
5 1	14 1.87	− 6 48.9	1.551	2.546	4.5	18.8
5 11	13 52.96	− 5 59.2	1.584	2.546	8.8	19.0
5 21	13 45.78	− 5 23.9	1.642	2.545	12.8	19.3
5 31	13 40.95	− 5 5.5	1.720	2.543	16.3	19.5

458954 2011 UW_{391} 4 24.3 178°.68 2°.7/22.3 16

3 22	14 36.14	− 7 37.2	1.922	2.775	12.8	23.0
4 1	14 29.77	− 6 55.1	1.849	2.777	9.4	22.8
4 11	14 21.36	− 6 8.3	1.801	2.779	5.6	22.5
4 21	14 11.69	− 5 21.4	1.781	2.780	2.7	22.4
5 1	14 1.72	− 4 39.5	1.789	2.780	4.7	22.5
5 11	13 52.49	− 4 7.7	1.825	2.779	8.5	22.7
5 21	13 44.83	− 3 49.3	1.887	2.777	12.1	22.9
5 31	13 39.32	− 3 46.0	1.970	2.775	15.2	23.1

41236 1999 XH_{24} 4 24.3 290°.12 1°.6/25.6 18

3 22	14 30.75	−19 35.2	1.861	2.699	13.8	19.1
4 1	14 26.26	−19 11.2	1.757	2.674	10.5	18.8
4 11	14 19.56	−18 31.3	1.676	2.648	6.7	18.5
4 21	14 11.29	−17 37.1	1.621	2.622	2.6	18.2
5 1	14 2.40	−16 32.6	1.594	2.596	3.0	18.2
5 11	13 54.00	−15 24.3	1.593	2.570	7.3	18.4
5 21	13 47.07	−14 19.4	1.618	2.543	11.6	18.6
5 31	13 42.36	−13 24.2	1.664	2.517	15.4	18.8

428020 2006 BA_{219} 4 24.3 109°.69 3°.6/21.4 17

3 22	14 31.17	− 5 21.1	1.856	2.721	12.6	21.5
4 1	14 26.15	− 4 30.7	1.790	2.724	9.2	21.3
4 11	14 19.23	− 3 37.6	1.749	2.727	5.7	21.0
4 21	14 11.15	− 2 47.1	1.734	2.730	3.6	20.9
5 1	14 2.81	− 2 4.9	1.747	2.732	5.5	21.0
5 11	13 55.20	− 1 35.9	1.786	2.735	9.0	21.2
5 21	13 49.06	− 1 22.7	1.849	2.738	12.4	21.5
5 31	13 44.96	− 1 26.3	1.933	2.740	15.3	21.7

504277 2006 WV_{65} 4 24.3 122°.71 2°.9/27.4 17

3 22	14 30.08	−24 23.1	2.411	3.220	12.0	21.3
4 1	14 25.15	−24 15.5	2.330	3.223	9.4	21.1
4 11	14 18.57	−23 53.7	2.272	3.227	6.4	20.9
4 21	14 10.97	−23 18.7	2.241	3.231	3.7	20.7
5 1	14 3.13	−22 33.1	2.239	3.235	3.2	20.7
5 11	13 55.85	−21 41.2	2.264	3.238	5.6	20.9
5 21	13 49.82	−20 48.1	2.316	3.242	8.6	21.1
5 31	13 45.54	−19 58.7	2.393	3.245	11.3	21.2

450826 2007 VA_{95} 4 24.4 232°.71 2°.1/27.6 15

3 22	14 26.46	−24 45.9	4.161	4.949	7.7	22.9
4 1	14 21.97	−24 38.0	4.055	4.936	6.0	22.8
4 11	14 16.51	−24 21.4	3.974	4.922	4.2	22.6
4 21	14 10.44	−23 56.7	3.922	4.908	2.6	22.5
5 1	14 4.17	−23 25.2	3.900	4.893	2.2	22.5
5 11	13 58.17	−22 49.1	3.908	4.878	3.7	22.5
5 21	13 52.83	−22 10.9	3.944	4.863	5.6	22.7
5 31	13 48.49	−21 33.5	4.007	4.847	7.4	22.8

158083 2000 VK_{12} 4 24.4 111°.70 0°.6/23.8 18

3 22	14 32.16	−14 25.8	2.205	3.046	11.8	20.9
4 1	14 26.50	−13 34.0	2.145	3.068	8.6	20.7
4 11	14 19.26	−12 33.1	2.111	3.088	5.0	20.5
4 21	14 11.12	−11 27.2	2.105	3.108	1.2	20.3
5 1	14 2.91	−10 21.2	2.128	3.128	2.8	20.4
5 11	13 55.43	− 9 20.6	2.181	3.147	6.5	20.7
5 21	13 49.31	− 8 29.7	2.260	3.165	9.7	20.9
5 31	13 44.98	− 7 51.4	2.362	3.183	12.5	21.1

327832 2006 WU_{67} 4 24.4 105°.27 2°.5/22.5 18

3 22	14 35.36	− 7 41.3	1.876	2.732	13.0	21.1
4 1	14 29.03	− 7 7.6	1.823	2.752	9.4	20.9
4 11	14 20.82	− 6 30.2	1.794	2.773	5.5	20.7
4 21	14 11.53	− 5 53.4	1.792	2.792	2.6	20.6
5 1	14 2.14	− 5 22.0	1.819	2.811	4.4	20.7
5 11	13 53.63	− 5 0.2	1.873	2.830	8.1	21.0
5 21	13 46.74	− 4 50.6	1.952	2.848	11.5	21.2
5 31	13 41.96	− 4 54.3	2.054	2.866	14.4	21.5

139668 2001 QB_{194} 4 24.4 129°.96 6°.4/30.1 18

3 22	14 35.25	−32 39.5	1.980	2.752	15.5	19.3
4 1	14 29.40	−32 54.5	1.904	2.762	12.8	19.2
4 11	14 21.27	−32 47.2	1.848	2.771	9.9	19.0
4 21	14 11.69	−32 16.3	1.816	2.779	7.4	18.9
5 1	14 1.77	−31 23.4	1.811	2.787	6.4	18.8
5 11	13 52.70	−30 14.1	1.833	2.795	7.7	18.9
5 21	13 45.41	−28 56.1	1.880	2.803	10.4	19.1
5 31	13 40.52	−27 37.6	1.950	2.810	13.2	19.3

406467 2007 UA_{49} 4 24.4 145°.75 1°.4/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 34.42	−11 48.2	1.880	2.731	13.1	22.0
4 1	14 28.49	−11 1.0	1.814	2.741	9.6	21.8
4 11	14 20.58	−10 5.3	1.772	2.751	5.5	21.6
4 21	14 11.50	− 9 5.6	1.757	2.760	1.7	21.3
5 1	14 2.21	− 8 7.6	1.772	2.769	3.7	21.5
5 11	13 53.72	− 7 17.1	1.814	2.777	7.8	21.8
5 21	13 46.82	− 6 38.6	1.881	2.784	11.5	22.0
5 31	13 42.05	− 6 15.0	1.970	2.790	14.6	22.2

84099 2002 RF_3 4 24.4 228°.75 0°.5/23.9 17

3 22	14 34.20	−13 30.4	1.989	2.834	12.8	20.3
4 1	14 28.49	−13 4.5	1.899	2.823	9.4	20.1
4 11	14 20.73	−12 29.1	1.834	2.811	5.6	19.8
4 21	14 11.57	−11 47.2	1.795	2.799	1.4	19.5
5 1	14 1.97	−11 2.9	1.786	2.786	3.1	19.6
5 11	13 52.94	−10 21.7	1.804	2.772	7.4	19.8
5 21	13 45.37	− 9 48.3	1.848	2.758	11.3	20.0
5 31	13 39.88	− 9 26.3	1.914	2.743	14.6	20.2

503902 2001 YH_{44} 4 24.4 143°.42 4°.5/30.0 18

3 22	14 31.38	−32 17.0	2.908	3.664	11.4	22.4
4 1	14 25.89	−32 11.6	2.825	3.674	9.4	22.3
4 11	14 18.93	−31 49.9	2.765	3.684	7.2	22.2
4 21	14 11.07	−31 12.0	2.731	3.693	5.3	22.1
5 1	14 3.04	−30 19.8	2.726	3.702	4.5	22.0
5 11	13 55.57	−29 17.0	2.749	3.710	5.6	22.1
5 21	13 49.27	−28 8.6	2.800	3.718	7.6	22.2
5 31	13 44.59	−26 59.7	2.877	3.726	9.7	22.4

393029 2013 AZ_1 4 24.4 162°.76 3°.2/20.5 18

3 22	14 29.13	− 2 51.2	2.957	3.809	8.8	22.4
4 1	14 24.03	− 1 59.8	2.889	3.815	6.5	22.2
4 11	14 17.75	− 1 8.2	2.849	3.821	4.2	22.1
4 21	14 10.77	− 0 20.0	2.838	3.826	3.2	22.0
5 1	14 3.65	+ 0 21.3	2.856	3.831	4.4	22.1
5 11	13 56.98	+ 0 52.6	2.904	3.835	6.7	22.2
5 21	13 51.25	+ 1 12.1	2.977	3.839	9.0	22.4
5 31	13 46.83	+ 1 19.1	3.073	3.842	11.0	22.5

361550 2007 QF_6 4 24.4 214°.64 0°.6/23.9 16

3 22	14 34.52	−14 0.4	1.813	2.661	13.7	21.6
4 1	14 28.86	−13 21.9	1.729	2.654	10.1	21.4
4 11	14 20.99	−12 32.0	1.669	2.647	5.9	21.1
4 21	14 11.66	−11 34.2	1.635	2.638	1.5	20.8
5 1	14 1.90	−10 34.1	1.629	2.629	3.4	20.9
5 11	13 52.82	− 9 38.3	1.651	2.620	7.9	21.1
5 21	13 45.35	− 8 52.3	1.699	2.609	12.0	21.4
5 31	13 40.14	− 8 20.5	1.768	2.598	15.6	21.6

498747 2008 TH_{169} 4 24.4 259°.68 0°.1/24.4 17

3 22	14 32.68	−14 11.0	1.954	2.802	12.9	21.5
4 1	14 27.39	−14 2.0	1.871	2.795	9.5	21.3
4 11	14 20.07	−13 44.2	1.811	2.788	5.7	21.1
4 21	14 11.42	−13 19.8	1.778	2.782	1.5	20.8
5 1	14 2.37	−12 52.3	1.774	2.775	2.9	20.9
5 11	13 53.92	−12 26.2	1.796	2.768	7.0	21.1
5 21	13 46.92	−12 5.6	1.844	2.761	10.9	21.3
5 31	13 42.00	−11 54.2	1.914	2.754	14.2	21.5

177135 2003 KQ_{11} 4 24.4 54°.06 6°.2/19.6 18

3 22	14 33.37	+ 5 54.8	2.136	2.990	11.7	20.0
4 1	14 27.44	+ 6 22.0	2.083	3.000	9.1	19.9
4 11	14 19.86	+ 6 41.4	2.055	3.010	7.0	19.8
4 21	14 11.33	+ 6 48.6	2.053	3.021	6.2	19.7
5 1	14 2.68	+ 6 40.2	2.079	3.032	7.5	19.8
5 11	13 54.76	+ 6 15.0	2.131	3.043	9.8	20.0
5 21	13 48.23	+ 5 33.4	2.207	3.054	12.2	20.2
5 31	13 43.53	+ 4 37.2	2.304	3.065	14.5	20.4

147261 2002 YQ 4 24.4 87°.25 2°.9/22.3 18

3 22	14 33.70	− 7 16.9	1.668	2.532	13.9	19.7
4 1	14 28.11	− 6 38.7	1.611	2.545	10.1	19.5
4 11	14 20.43	− 5 56.4	1.578	2.557	6.0	19.3
4 21	14 11.49	− 5 15.3	1.570	2.570	3.0	19.1
5 1	14 2.37	− 4 40.9	1.590	2.582	5.0	19.3
5 11	13 54.15	− 4 17.9	1.637	2.595	8.9	19.5
5 21	13 47.65	− 4 9.2	1.707	2.607	12.6	19.8
5 31	13 43.41	− 4 16.1	1.798	2.619	15.8	20.0

287912 2003 TG_{35} 4 24.4 18°.19 3°.1/26.7 18

3 22	14 31.40	−23 0.1	1.394	2.237	17.3	20.1
4 1	14 27.11	−22 38.7	1.323	2.238	13.4	19.8
4 11	14 20.16	−21 54.9	1.272	2.240	8.8	19.6
4 21	14 11.48	−20 50.5	1.245	2.242	4.4	19.3
5 1	14 2.38	−19 31.3	1.244	2.245	3.9	19.3
5 11	13 54.26	−18 6.7	1.267	2.248	8.2	19.5
5 21	13 48.19	−16 46.5	1.314	2.251	12.8	19.8
5 31	13 44.88	−15 38.8	1.381	2.254	16.8	20.1

282731 2006 DL_{119} 4 24.4 36°.81 5°.5/21.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 33.70	− 0 30.6	1.459	2.333	14.9	19.9
4 1	14 28.27	− 0 0.8	1.412	2.347	11.1	19.7
4 11	14 20.56	+ 0 25.2	1.387	2.362	7.4	19.5
4 21	14 11.53	+ 0 41.4	1.387	2.377	5.5	19.4
5 1	14 2.36	+ 0 43.1	1.413	2.393	7.3	19.6
5 11	13 54.23	+ 0 27.3	1.463	2.409	10.8	19.8
5 21	13 48.02	− 0 6.0	1.536	2.427	14.3	20.1
5 31	13 44.24	− 0 55.3	1.628	2.444	17.3	20.3

429850 2012 RA_{4} 4 24.4 224°.94 1°.3/23.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 30.77	−11 19.6	2.150	3.002	11.7	21.7
4 1	14 25.77	−10 42.9	2.068	2.996	8.5	21.4
4 11	14 19.02	− 9 58.9	2.011	2.991	5.0	21.2
4 21	14 11.16	− 9 11.2	1.982	2.985	1.6	21.0
5 1	14 2.99	− 8 24.4	1.982	2.979	3.4	21.1
5 11	13 55.39	− 7 43.3	2.009	2.973	7.1	21.3
5 21	13 49.06	− 7 11.8	2.062	2.966	10.5	21.5
5 31	13 44.57	− 6 52.7	2.137	2.960	13.5	21.7

81199 2000 FK_{5} 4 24.4 215°.86 2°.4/22.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 32.09	− 9 38.0	1.874	2.733	12.8	20.4
4 1	14 26.94	− 8 40.8	1.796	2.727	9.4	20.2
4 11	14 19.79	− 7 35.8	1.742	2.722	5.5	19.9
4 21	14 11.37	− 6 28.1	1.715	2.715	2.4	19.7
5 1	14 2.59	− 5 24.1	1.716	2.709	4.5	19.8
5 11	13 54.49	− 4 29.9	1.744	2.702	8.5	20.1
5 21	13 47.86	− 3 50.2	1.797	2.694	12.2	20.3
5 31	13 43.31	− 3 27.6	1.871	2.686	15.5	20.5

429698 2011 HK_{58} 4 24.4 17°.17 5°.9/20.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 30.60	− 0 20.5	1.546	2.423	14.1	20.4
4 1	14 26.02	+ 0 35.4	1.490	2.426	10.6	20.2
4 11	14 19.29	+ 1 28.9	1.457	2.430	7.3	20.0
4 21	14 11.23	+ 2 12.9	1.448	2.434	6.0	19.9
5 1	14 2.92	+ 2 41.1	1.465	2.439	7.8	20.0
5 11	13 55.47	+ 2 49.1	1.506	2.444	11.2	20.2
5 21	13 49.73	+ 2 35.9	1.570	2.450	14.6	20.4
5 31	13 46.28	+ 2 2.5	1.652	2.457	17.6	20.7

317768 2003 SP_{104} 4 24.4 208°.30 5°.1/20.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.29	− 2 37.2	1.764	2.630	13.2	21.3
4 1	14 27.87	− 1 27.0	1.694	2.626	9.8	21.1
4 11	14 20.36	− 0 15.1	1.647	2.621	6.5	20.9
4 21	14 11.52	+ 0 51.5	1.628	2.616	5.1	20.8
5 1	14 2.33	+ 1 45.9	1.635	2.610	7.0	20.9
5 11	13 53.87	+ 2 22.4	1.669	2.604	10.5	21.1
5 21	13 46.99	+ 2 38.2	1.725	2.598	13.9	21.3
5 31	13 42.30	+ 2 33.0	1.802	2.590	17.0	21.4

54334 2000 KS_{10} 4 24.4 244°.52 3°.4/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 32.59	− 3 16.9	2.180	3.037	11.3	19.2
4 1	14 27.03	− 2 54.1	2.104	3.032	8.4	19.0
4 11	14 19.74	− 2 31.5	2.053	3.028	5.3	18.8
4 21	14 11.34	− 2 12.7	2.029	3.023	3.4	18.7
5 1	14 2.66	− 2 1.4	2.034	3.018	5.0	18.8
5 11	13 54.54	− 2 0.8	2.066	3.013	8.1	18.9
5 21	13 47.71	− 2 12.5	2.124	3.008	11.2	19.1
5 31	13 42.71	− 2 36.9	2.204	3.003	13.9	19.3

208581 2002 CT_{79} 4 24.4 1°.95 5°.5/27.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.93	−23 27.7	1.112	1.968	19.9	19.3
4 1	14 28.20	−24 9.9	1.047	1.966	15.7	19.0
4 11	14 21.16	−24 30.3	1.000	1.965	11.0	18.8
4 21	14 11.81	−24 26.7	0.973	1.965	6.7	18.5
5 1	14 1.73	−24 1.1	0.969	1.967	5.9	18.5
5 11	13 52.76	−23 20.4	0.988	1.969	9.8	18.7
5 21	13 46.32	−22 34.5	1.027	1.973	14.5	19.0
5 31	13 43.30	−21 52.9	1.085	1.978	18.9	19.2

235246 2003 SD_{317} 4 24.4 217°.97 2°.2/26.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 32.26	−20 49.7	2.110	2.935	12.9	20.8
4 1	14 27.01	−20 43.4	2.025	2.932	9.9	20.6
4 11	14 19.83	−20 23.8	1.962	2.928	6.4	20.4
4 21	14 11.40	−19 51.9	1.926	2.924	3.0	20.2
5 1	14 2.59	−19 10.6	1.919	2.919	2.9	20.1
5 11	13 54.38	−18 24.9	1.939	2.915	6.3	20.3
5 21	13 47.58	−17 39.9	1.986	2.910	9.8	20.5
5 31	13 42.77	−17 0.7	2.055	2.905	13.0	20.7

174727 2003 UU_{168} 4 24.4 195°.47 0°.1/24.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 35.05	−15 3.5	1.978	2.819	13.0	21.5
4 1	14 29.08	−14 40.3	1.896	2.816	9.7	21.3
4 11	14 21.06	−14 6.6	1.838	2.813	5.8	21.0
4 21	14 11.71	−13 25.1	1.807	2.810	1.5	20.7
5 1	14 1.99	−12 40.0	1.804	2.805	2.9	20.8
5 11	13 52.94	−11 56.6	1.830	2.800	7.1	21.1
5 21	13 45.39	−11 19.8	1.882	2.795	10.9	21.3
5 31	13 39.98	−10 53.6	1.956	2.788	14.3	21.5

318372 2004 VQ_{53} 4 24.4 167°.90 1°.0/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 31.67	−18 56.0	2.358	3.185	11.6	21.5
4 1	14 26.28	−18 24.5	2.278	3.189	8.7	21.3
4 11	14 19.26	−17 41.1	2.222	3.192	5.4	21.1
4 21	14 11.23	−16 48.2	2.195	3.196	2.0	20.9
5 1	14 2.97	−15 49.6	2.196	3.198	2.3	20.9
5 11	13 55.31	−14 50.3	2.227	3.200	5.8	21.1
5 21	13 48.90	−13 55.3	2.285	3.202	9.1	21.3
5 31	13 44.26	−13 8.8	2.367	3.203	12.0	21.5

317450 2002 QM_{137} 4 24.4 341°.11 1°.3/25.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 29.84	−17 48.1	1.265	2.131	17.2	20.3
4 1	14 26.22	−17 31.3	1.191	2.123	13.0	20.0
4 11	14 19.79	−16 56.6	1.138	2.116	8.1	19.7
4 21	14 11.44	−16 6.8	1.107	2.109	2.7	19.3
5 1	14 2.50	−15 7.9	1.101	2.104	3.6	19.4
5 11	13 54.46	−14 8.7	1.118	2.099	9.0	19.7
5 21	13 48.52	−13 17.4	1.157	2.095	14.1	19.9
5 31	13 45.47	−12 40.9	1.216	2.091	18.4	20.2

320508 2007 XX_{45} 4 24.4 112°.32 0°.4/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 29.55	−17 11.3	2.358	3.194	11.3	20.6
4 1	14 24.67	−16 30.9	2.287	3.204	8.4	20.4
4 11	14 18.27	−15 39.9	2.241	3.215	5.0	20.2
4 21	14 10.96	−14 41.4	2.223	3.226	1.5	20.0
5 1	14 3.51	−13 39.7	2.234	3.236	2.3	20.1
5 11	13 56.66	−12 39.8	2.274	3.246	5.8	20.3
5 21	13 51.03	−11 46.3	2.341	3.256	9.0	20.5
5 31	13 47.06	−11 2.7	2.431	3.266	11.7	20.7

129641 1998 KC_{1} 4 24.4 265°.28 0°.3/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 32.64	−18 14.6	1.847	2.687	13.8	19.9
4 1	14 27.66	−17 16.0	1.742	2.662	10.4	19.6
4 11	14 20.42	−15 59.3	1.660	2.635	6.4	19.3
4 21	14 11.60	−14 27.4	1.606	2.609	1.8	18.9
5 1	14 2.16	−12 46.7	1.579	2.581	3.1	19.0
5 11	13 53.26	−11 5.9	1.581	2.553	7.9	19.2
5 21	13 45.86	− 9 33.4	1.609	2.524	12.3	19.4
5 31	13 40.71	− 8 16.5	1.659	2.495	16.2	19.6

134263 2006 BB_{29} 4 24.4 98°.23 6°.4/16.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 27.49	+ 8 15.0	2.630	3.482	9.8	19.7
4 1	14 22.99	+ 9 25.6	2.579	3.489	7.9	19.6
4 11	14 17.21	+10 29.3	2.555	3.495	6.6	19.6
4 21	14 10.69	+11 20.9	2.557	3.502	6.6	19.6
5 1	14 4.05	+11 56.4	2.586	3.508	7.7	19.6
5 11	13 57.91	+12 13.4	2.641	3.514	9.5	19.8
5 21	13 52.80	+12 11.8	2.718	3.520	11.4	19.9
5 31	13 49.11	+11 52.4	2.815	3.526	13.2	20.1

303792 2005 SG_{9} 4 24.4 182°.91 3°.8/19.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 28.72	+ 0 23.4	3.034	3.886	8.6	21.8
4 1	14 23.76	+ 1 11.5	2.964	3.887	6.5	21.7
4 11	14 17.64	+ 1 58.1	2.921	3.887	4.6	21.6
4 21	14 10.81	+ 2 39.5	2.907	3.886	3.8	21.5
5 1	14 3.82	+ 3 12.3	2.922	3.885	5.0	21.6
5 11	13 57.25	+ 3 33.9	2.965	3.884	7.1	21.7
5 21	13 51.58	+ 3 42.9	3.034	3.882	9.2	21.9
5 31	13 47.17	+ 3 38.9	3.125	3.880	11.2	22.0

208297 2001 FX_{23} 4 24.4 125°.66 12°.2/13.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 34.06	+ 5 47.2	1.153	2.036	17.4	20.0
4 1	14 29.01	+ 9 14.4	1.119	2.047	14.1	19.8
4 11	14 21.19	+12 31.4	1.109	2.057	12.3	19.7
4 21	14 11.74	+15 19.3	1.122	2.067	13.0	19.8
5 1	14 2.11	+17 23.4	1.159	2.076	15.5	20.0
5 11	13 53.76	+18 37.4	1.216	2.084	18.6	20.2
5 21	13 47.71	+19 3.7	1.290	2.092	21.6	20.4
5 31	13 44.54	+18 48.8	1.376	2.100	24.1	20.6

233793 2008 UH_{53} 4 24.4 131°.23 0°.3/24.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.25	−15 55.2	2.099	2.941	12.3	21.4
4 1	14 26.13	−15 30.5	2.025	2.946	9.1	21.2
4 11	14 19.24	−14 55.6	1.975	2.951	5.4	21.0
4 21	14 11.24	−14 13.1	1.953	2.956	1.5	20.7
5 1	14 3.00	−13 27.2	1.958	2.960	2.6	20.8
5 11	13 55.40	−12 42.8	1.992	2.964	6.4	21.0
5 21	13 49.17	−12 4.4	2.051	2.968	10.0	21.3
5 31	13 44.84	−11 35.7	2.134	2.972	13.0	21.5

500594 2012 UP_{106} 4 24.4 127°.67 0°.4/24.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 35.84	−13 39.2	2.376	3.209	11.4	21.5
4 1	14 29.30	−13 55.1	2.301	3.217	8.4	21.3
4 11	14 21.04	−14 5.1	2.251	3.225	5.0	21.1
4 21	14 11.70	−14 10.2	2.230	3.233	1.4	20.9
5 1	14 2.10	−14 12.0	2.239	3.241	2.4	21.0
5 11	13 53.09	−14 13.4	2.278	3.248	5.9	21.2
5 21	13 45.38	−14 16.7	2.344	3.255	9.1	21.4
5 31	13 39.51	−14 24.5	2.434	3.262	11.9	21.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
406521 2007 VC_{225}			4 24.4 143°.20		1°.1/23.5 16	
	h m	° ′			°	m
3 22	14 35.02	−12 32.2	1.825	2.675	13.5	22.6
4 1	14 29.02	−11 53.5	1.758	2.685	9.9	22.4
4 11	14 20.98	−11 5.9	1.716	2.695	5.7	22.2
4 21	14 11.69	−10 13.2	1.701	2.704	1.6	21.9
5 1	14 2.18	− 9 21.1	1.714	2.712	3.5	22.1
5 11	13 53.49	− 8 35.2	1.754	2.720	7.7	22.3
5 21	13 46.45	− 8 0.2	1.820	2.727	11.6	22.6
5 31	13 41.61	− 7 39.0	1.908	2.734	14.8	22.8
351483 2005 QY_{95}			4 24.4 146°.10		5°.3/29.7 18	
3 22	14 34.00	−31 58.2	2.702	3.460	12.2	21.2
4 1	14 28.06	−32 29.1	2.618	3.466	10.1	21.0
4 11	14 20.38	−32 44.3	2.556	3.471	7.9	20.9
4 21	14 11.55	−32 42.6	2.521	3.477	6.0	20.8
5 1	14 2.39	−32 24.5	2.513	3.482	5.3	20.7
5 11	13 53.76	−31 52.9	2.533	3.487	6.4	20.8
5 21	13 46.40	−31 12.3	2.579	3.492	8.4	21.0
5 31	13 40.84	−30 27.9	2.651	3.496	10.6	21.1
89491 2001 XD_{36}			4 24.4 72°.11		6°.8/30.2 18	
3 22	14 33.93	−32 25.5	1.742	2.527	16.8	19.0
4 1	14 28.71	−32 42.6	1.670	2.537	13.9	18.8
4 11	14 21.02	−32 35.2	1.619	2.546	10.7	18.7
4 21	14 11.73	−32 1.9	1.590	2.555	7.9	18.5
5 1	14 2.09	−31 4.6	1.586	2.565	6.8	18.5
5 11	13 53.39	−29 49.9	1.608	2.575	8.3	18.6
5 21	13 46.62	−28 26.5	1.655	2.584	11.2	18.7
5 31	13 42.45	−27 3.5	1.725	2.594	14.2	19.0
106938 2000 YR_{69}			4 24.4 75°.03		0°.2/24.3 18	
3 22	14 34.57	−15 27.4	1.421	2.279	16.2	19.6
4 1	14 29.05	−14 50.7	1.369	2.299	11.9	19.4
4 11	14 21.09	−14 0.5	1.339	2.318	7.0	19.2
4 21	14 11.72	−13 1.4	1.334	2.338	1.7	18.9
5 1	14 2.21	−12 0.4	1.356	2.357	3.5	19.1
5 11	13 53.83	−11 5.1	1.403	2.377	8.4	19.4
5 21	13 47.50	−10 21.4	1.474	2.396	12.7	19.7
5 31	13 43.77	− 9 53.5	1.565	2.415	16.3	20.0
36425 2000 PM_{5}			4 24.4 150°.92		1°.0/22.6 18	
3 22	14 22.41	− 8 47.0	4.685	5.531	5.9	19.8
4 1	14 18.90	− 8 19.1	4.608	5.534	4.3	19.7
4 11	14 14.68	− 7 49.1	4.558	5.536	2.5	19.6
4 21	14 10.06	− 7 18.6	4.538	5.539	1.0	19.5
5 1	14 5.34	− 6 49.7	4.548	5.541	1.9	19.5
5 11	14 0.87	− 6 24.1	4.588	5.544	3.7	19.7
5 21	13 56.91	− 6 3.2	4.656	5.546	5.4	19.8
5 31	13 53.71	− 5 48.3	4.748	5.548	7.0	19.9
299730 2006 RZ_{51}			4 24.4 88°.19		1°.5/22.8 17	
3 22	14 28.43	−11 24.1	2.228	3.082	11.2	21.1
4 1	14 23.92	−10 28.1	2.159	3.089	8.1	20.9
4 11	14 17.88	− 9 24.9	2.116	3.096	4.7	20.7
4 21	14 10.90	− 8 18.8	2.100	3.102	1.7	20.5
5 1	14 3.75	− 7 15.0	2.113	3.109	3.4	20.6
5 11	13 57.20	− 6 18.6	2.154	3.115	6.9	20.8
5 21	13 51.86	− 5 33.6	2.221	3.122	10.1	21.1
5 31	13 48.20	− 5 2.4	2.311	3.129	12.8	21.3
217287 2004 FO_{62}			4 24.4 104°.74		0°.5/23.9 18	
3 22	14 31.31	−12 54.6	2.249	3.095	11.5	20.8
4 1	14 26.02	−12 33.7	2.181	3.105	8.4	20.6
4 11	14 19.11	−12 6.0	2.138	3.115	4.9	20.4
4 21	14 11.22	−11 33.9	2.122	3.125	1.2	20.2
5 1	14 3.14	−11 1.2	2.135	3.135	2.7	20.3
5 11	13 55.69	−10 31.8	2.177	3.145	6.3	20.6
5 21	13 49.51	−10 9.2	2.244	3.155	9.5	20.8
5 31	13 45.10	− 9 55.9	2.335	3.164	12.3	21.0
13087 Chastellux			4 24.4 128°.45		0°.2/24.2 18	
3 22	14 30.65	−14 29.4	2.088	2.934	12.2	18.1
4 1	14 25.71	−13 59.9	2.013	2.937	9.0	17.9
4 11	14 19.01	−13 21.1	1.963	2.940	5.3	17.6
4 21	14 11.21	−12 36.0	1.940	2.943	1.3	17.4
5 1	14 3.16	−11 49.0	1.945	2.946	2.8	17.5
5 11	13 55.74	−11 5.0	1.978	2.949	6.6	17.7
5 21	13 49.67	−10 28.3	2.037	2.951	10.2	17.9
5 31	13 45.47	−10 2.4	2.118	2.954	13.2	18.2
31533 1999 CV_{148}			4 24.4 234°.28		0°.5/24.7 18	
3 22	14 32.94	−16 7.3	1.862	2.707	13.5	19.9
4 1	14 27.71	−15 46.8	1.778	2.700	10.1	19.7
4 11	14 20.35	−15 14.5	1.718	2.694	6.1	19.4
4 21	14 11.59	−14 33.0	1.684	2.687	1.8	19.1
5 1	14 2.41	−13 46.5	1.677	2.679	2.9	19.2
5 11	13 53.87	−13 0.6	1.698	2.672	7.2	19.4
5 21	13 46.87	−12 20.8	1.744	2.664	11.3	19.6
5 31	13 42.06	−11 51.6	1.813	2.656	14.7	19.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
434193 2003 DY_{8}			4 24.4 80°.31		8°.9/14.6 17	
	h m	° ′			°	m
3 22	14 29.68	+13 43.8	2.205	3.049	11.7	20.9
4 1	14 24.75	+15 11.7	2.171	3.064	10.0	20.8
4 11	14 18.31	+16 26.5	2.162	3.078	9.0	20.7
4 21	14 11.01	+17 22.1	2.177	3.092	9.2	20.8
5 1	14 3.63	+17 53.9	2.218	3.106	10.4	20.9
5 11	13 56.95	+18 0.4	2.282	3.120	12.1	21.0
5 21	13 51.55	+17 42.7	2.366	3.135	13.9	21.1
5 31	13 47.87	+17 3.6	2.468	3.148	15.5	21.3
287022 2002 QR_{89}			4 24.4 186°.63		0°.5/23.9 17	
3 22	14 30.70	−13 33.0	2.238	3.083	11.5	21.8
4 1	14 25.66	−13 0.9	2.159	3.083	8.4	21.6
4 11	14 18.96	−12 20.6	2.105	3.083	4.9	21.4
4 21	14 11.21	−11 35.0	2.079	3.082	1.2	21.1
5 1	14 3.20	−10 48.2	2.081	3.081	2.8	21.2
5 11	13 55.76	−10 5.0	2.112	3.080	6.5	21.5
5 21	13 49.57	− 9 29.3	2.169	3.079	9.8	21.7
5 31	13 45.15	− 9 4.4	2.249	3.077	12.8	21.9
131193 2001 DY_{7}			4 24.4 59°.04		2°.1/22.8 18	
3 22	14 31.20	− 9 51.2	1.732	2.595	13.5	19.9
4 1	14 26.28	− 9 9.6	1.673	2.607	9.8	19.7
4 11	14 19.38	− 8 21.5	1.639	2.619	5.7	19.5
4 21	14 11.31	− 7 31.8	1.630	2.632	2.2	19.3
5 1	14 3.05	− 6 46.2	1.648	2.644	4.2	19.5
5 11	13 55.61	− 6 10.0	1.693	2.657	8.2	19.7
5 21	13 49.78	− 5 46.9	1.762	2.669	11.9	20.0
5 31	13 46.07	− 5 38.8	1.852	2.682	15.0	20.2
25759 2000 BH_{30}			4 24.4 278°.94		1°.2/25.2 18	
3 22	14 33.38	−17 28.7	1.683	2.529	14.7	19.5
4 1	14 28.44	−17 16.6	1.587	2.508	11.1	19.2
4 11	14 21.02	−16 50.5	1.512	2.487	6.9	18.9
4 21	14 11.82	−16 12.0	1.463	2.465	2.4	18.6
5 1	14 1.92	−15 24.9	1.441	2.444	3.1	18.5
5 11	13 52.58	−14 35.6	1.446	2.422	8.0	18.8
5 21	13 44.89	−13 50.7	1.475	2.400	12.5	19.0
5 31	13 39.68	−13 16.1	1.525	2.378	16.5	19.2
214667 2006 SW_{137}			4 24.4 118°.23		6°.1/17.5 18	
3 22	14 30.07	+ 7 15.1	2.613	3.462	9.9	20.8
4 1	14 24.82	+ 8 17.6	2.567	3.477	7.9	20.7
4 11	14 18.28	+ 9 13.1	2.547	3.492	6.4	20.6
4 21	14 11.00	+ 9 57.1	2.554	3.506	6.2	20.6
5 1	14 3.65	+10 25.6	2.589	3.520	7.4	20.7
5 11	13 56.87	+10 36.8	2.651	3.533	9.2	20.9
5 21	13 51.19	+10 30.3	2.735	3.546	11.2	21.0
5 31	13 46.98	+10 7.4	2.840	3.559	12.9	21.2
229445 2005 UH_{59}			4 24.4 184°.93		1°.6/22.8 17	
3 22	14 31.59	−11 19.1	2.269	3.117	11.3	21.5
4 1	14 26.26	−10 21.7	2.191	3.118	8.2	21.3
4 11	14 19.28	− 9 16.5	2.139	3.117	4.8	21.1
4 21	14 11.29	− 8 7.8	2.114	3.116	1.7	20.9
5 1	14 3.06	− 7 0.8	2.120	3.115	3.5	21.0
5 11	13 55.42	− 6 0.9	2.154	3.112	7.0	21.3
5 21	13 49.02	− 5 12.4	2.214	3.110	10.3	21.4
5 31	13 44.38	− 4 38.0	2.297	3.106	13.1	21.6
373494 2000 WE_{187}			4 24.4 196°.49		3°.5/21.5 18	
3 22	14 34.57	− 2 49.5	2.298	3.149	11.0	21.4
4 1	14 28.41	− 2 22.1	2.221	3.146	8.2	21.2
4 11	14 20.55	− 1 54.9	2.170	3.143	5.2	21.0
4 21	14 11.62	− 1 31.7	2.147	3.140	3.5	20.9
5 1	14 2.42	− 1 16.2	2.154	3.135	5.0	21.0
5 11	13 53.78	− 1 11.6	2.188	3.130	8.0	21.1
5 21	13 46.41	− 1 19.2	2.249	3.125	11.0	21.3
5 31	13 40.84	− 1 39.8	2.332	3.119	13.6	21.5
102091 1999 RL_{154}			4 24.4 274°.08		0°.2/24.5 18	
3 22	14 33.48	−15 52.0	1.640	2.491	14.7	20.6
4 1	14 28.56	−15 24.6	1.543	2.468	11.1	20.3
4 11	14 21.11	−14 43.0	1.468	2.445	6.7	20.0
4 21	14 11.85	−13 49.8	1.419	2.422	1.8	19.6
5 1	14 1.87	−12 50.0	1.396	2.398	3.4	19.7
5 11	13 52.45	−11 51.0	1.401	2.374	8.4	19.9
5 21	13 44.72	−10 59.7	1.429	2.350	13.2	20.1
5 31	13 39.49	−10 22.1	1.478	2.325	17.3	20.3
18337 1988 RB_{11}			4 24.4 160°.69		0°.3/24.1 18	
3 22	14 29.29	−13 47.2	2.950	3.786	9.3	20.0
4 1	14 24.25	−13 19.8	2.872	3.791	6.8	19.8
4 11	14 17.97	−12 46.0	2.821	3.797	4.0	19.6
4 21	14 10.94	−12 8.2	2.798	3.801	1.0	19.4
5 1	14 3.75	−11 29.3	2.805	3.806	2.1	19.5
5 11	13 57.00	−10 52.7	2.843	3.810	5.1	19.7
5 21	13 51.21	−10 21.2	2.907	3.813	7.8	19.9
5 31	13 46.76	− 9 57.4	2.996	3.816	10.1	20.0

159103 2004 TR_{366} 4 24.4 257.°56 1.°4/23.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 32.76	−10 21.8	1.930	2.785	12.7	20.2
4 1	14 27.48	− 9 59.9	1.846	2.776	9.3	20.0
4 11	14 20.19	− 9 31.6	1.787	2.766	5.5	19.7
4 21	14 11.56	− 9 0.3	1.754	2.757	1.8	19.4
5 1	14 2.51	− 8 30.2	1.749	2.747	3.7	19.6
5 11	13 54.06	− 8 6.0	1.772	2.737	7.7	19.8
5 21	13 47.04	− 7 51.3	1.819	2.727	11.5	20.0
5 31	13 42.10	− 7 48.7	1.888	2.717	14.8	20.2

250447 2003 YE_{92} 4 24.4 224.°95 0.°2/24.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 35.24	−14 21.2	1.958	2.800	13.1	21.6
4 1	14 29.35	−14 0.4	1.867	2.789	9.7	21.3
4 11	14 21.33	−13 29.6	1.801	2.778	5.8	21.1
4 21	14 11.86	−12 51.3	1.763	2.766	1.5	20.7
5 1	14 1.92	−12 9.6	1.752	2.753	3.0	20.8
5 11	13 52.56	−11 29.7	1.770	2.740	7.3	21.1
5 21	13 44.70	−10 56.6	1.814	2.726	11.3	21.3
5 31	13 39.00	−10 34.1	1.880	2.711	14.8	21.5

370785 2004 SS_{55} 4 24.4 117.°38 4.°0/19.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.62	− 1 58.2	2.691	3.542	9.6	21.7
4 1	14 25.84	− 0 26.1	2.644	3.568	7.1	21.6
4 11	14 18.83	+ 1 5.5	2.626	3.593	4.9	21.5
4 21	14 11.14	+ 2 31.3	2.637	3.618	4.1	21.5
5 1	14 3.43	+ 3 46.0	2.680	3.642	5.5	21.6
5 11	13 56.32	+ 4 46.0	2.751	3.664	7.8	21.8
5 21	13 50.33	+ 5 29.2	2.848	3.686	10.0	22.0
5 31	13 45.79	+ 5 55.3	2.967	3.708	12.0	22.1

61463 2000 QT_{31} 4 24.4 262.°80 2.°1/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 35.08	−19 19.1	1.978	2.807	13.5	19.6
4 1	14 29.40	−19 28.8	1.878	2.788	10.4	19.4
4 11	14 21.47	−19 26.5	1.802	2.769	6.7	19.1
4 21	14 11.93	−19 12.5	1.752	2.750	3.0	18.8
5 1	14 1.75	−18 48.8	1.729	2.730	3.1	18.8
5 11	13 52.05	−18 19.5	1.735	2.710	7.0	19.0
5 21	13 43.82	−17 49.8	1.767	2.689	10.9	19.2
5 31	13 37.81	−17 24.8	1.821	2.668	14.5	19.3

11640 1997 AT_{4} 4 24.4 189.°87 3.°1/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 35.12	−22 59.7	1.863	2.682	14.6	18.8
4 1	14 29.37	−22 54.9	1.780	2.682	11.3	18.6
4 11	14 21.36	−22 33.2	1.720	2.680	7.6	18.4
4 21	14 11.87	−21 55.3	1.685	2.679	4.0	18.1
5 1	14 1.95	−21 4.4	1.678	2.677	3.6	18.1
5 11	13 52.76	−20 6.2	1.699	2.674	7.0	18.3
5 21	13 45.26	−19 7.8	1.745	2.671	10.8	18.5
5 31	13 40.10	−18 15.5	1.814	2.667	14.3	18.7

22462 1997 AF_{7} 4 24.4 54.°36 2.°9/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 32.86	− 9 7.6	1.323	2.198	16.1	18.7
4 1	14 27.90	− 8 16.4	1.274	2.214	11.6	18.5
4 11	14 20.48	− 7 18.0	1.247	2.230	6.8	18.2
4 21	14 11.60	− 6 19.3	1.245	2.246	3.0	18.0
5 1	14 2.57	− 5 27.8	1.268	2.263	5.4	18.2
5 11	13 54.65	− 4 50.4	1.315	2.279	10.0	18.5
5 21	13 48.79	− 4 30.9	1.385	2.296	14.2	18.8
5 31	13 45.54	− 4 30.7	1.474	2.314	17.7	19.1

422956 2002 WT_{7} 4 24.4 183.°29 0.°4/24.0 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 34.21	−13 44.7	2.309	3.147	11.5	22.6
4 1	14 28.19	−13 15.9	2.228	3.148	8.5	22.4
4 11	14 20.43	−12 38.8	2.172	3.148	5.0	22.2
4 21	14 11.60	−11 56.2	2.144	3.147	1.2	21.9
5 1	14 2.49	−11 11.9	2.146	3.146	2.7	22.0
5 11	13 53.96	−10 30.4	2.177	3.143	6.4	22.3
5 21	13 46.73	− 9 55.8	2.235	3.140	9.8	22.5
5 31	13 41.32	− 9 31.1	2.316	3.137	12.7	22.7

65341 2002 NC_{13} 4 24.4 306.°64 3.°4/22.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.15	− 8 5.0	1.365	2.242	15.5	19.7
4 1	14 27.10	− 7 18.6	1.280	2.221	11.5	19.4
4 11	14 20.35	− 6 23.8	1.218	2.200	6.9	19.1
4 21	14 11.67	− 5 26.7	1.179	2.179	3.5	18.8
5 1	14 2.26	− 4 35.1	1.165	2.159	6.0	18.9
5 11	13 53.54	− 3 57.1	1.176	2.139	11.0	19.1
5 21	13 46.69	− 3 37.9	1.207	2.120	15.8	19.3
5 31	13 42.58	− 3 40.5	1.258	2.101	20.0	19.5

508248 2015 HM_{60} 4 24.4 248.°69 3.°2/20.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 27.54	− 6 0.6	2.431	3.291	10.2	21.5
4 1	14 23.24	− 4 45.0	2.352	3.283	7.4	21.3
4 11	14 17.50	− 3 25.0	2.299	3.275	4.7	21.1
4 21	14 10.84	− 2 5.9	2.274	3.267	3.2	21.0
5 1	14 3.95	− 0 53.2	2.278	3.259	4.9	21.1
5 11	13 57.53	+ 0 8.0	2.311	3.250	7.7	21.2
5 21	13 52.18	+ 0 54.3	2.369	3.242	10.6	21.4
5 31	13 48.35	+ 1 24.0	2.448	3.233	13.1	21.6

419620 2010 RK_{182} 4 24.4 283.°79 4.°5/27.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 33.30	−25 2.6	1.517	2.345	16.9	21.0
4 1	14 28.68	−25 8.1	1.428	2.331	13.4	20.7
4 11	14 21.28	−24 52.1	1.359	2.318	9.4	20.4
4 21	14 11.91	−24 13.9	1.314	2.304	5.6	20.2
5 1	14 1.81	−23 16.1	1.293	2.290	4.9	20.1
5 11	13 52.46	−22 5.6	1.299	2.277	8.4	20.2
5 21	13 45.07	−20 51.8	1.328	2.263	12.8	20.4
5 31	13 40.50	−19 43.8	1.377	2.250	16.9	20.7

113856 2002 TB_{250} 4 24.4 305.°97 2.°8/22.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 28.50	−11 40.6	1.412	2.287	15.2	19.7
4 1	14 25.02	−10 18.4	1.327	2.267	11.2	19.4
4 11	14 19.04	− 8 40.2	1.264	2.247	6.6	19.1
4 21	14 11.32	− 6 53.3	1.226	2.227	2.8	18.8
5 1	14 2.99	− 5 7.9	1.214	2.208	5.6	18.9
5 11	13 55.36	− 3 35.1	1.226	2.189	10.7	19.1
5 21	13 49.52	− 2 23.3	1.261	2.171	15.4	19.3
5 31	13 46.23	− 1 37.3	1.315	2.153	19.5	19.5

307582 2003 GM_{38} 4 24.4 248.°29 2.°8/21.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 30.76	− 4 47.1	2.429	3.284	10.4	21.0
4 1	14 25.59	− 4 21.1	2.349	3.278	7.6	20.8
4 11	14 18.89	− 3 54.0	2.295	3.271	4.7	20.6
4 21	14 11.21	− 3 29.0	2.268	3.264	2.8	20.4
5 1	14 3.27	− 3 9.8	2.271	3.257	4.3	20.5
5 11	13 55.80	− 2 59.4	2.301	3.250	7.2	20.7
5 21	13 49.46	− 2 59.8	2.357	3.243	10.2	20.9
5 31	13 44.72	− 3 12.0	2.436	3.236	12.7	21.0

283565 2001 VR_{93} 4 24.4 166.°95 3.°6/19.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 29.06	− 0 15.4	3.146	3.997	8.4	22.0
4 1	14 23.97	+ 0 36.3	3.080	4.002	6.3	21.8
4 11	14 17.76	+ 1 26.9	3.041	4.007	4.4	21.7
4 21	14 10.90	+ 2 12.8	3.031	4.011	3.6	21.7
5 1	14 3.91	+ 2 50.4	3.051	4.015	4.8	21.7
5 11	13 57.34	+ 3 17.4	3.099	4.018	6.8	21.9
5 21	13 51.64	+ 3 32.1	3.174	4.021	8.9	22.0
5 31	13 47.17	+ 3 34.2	3.271	4.023	10.7	22.2

372372 2009 OO_{4} 4 24.4 283.°17 1.°7/23.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 32.64	−10 56.7	1.618	2.481	14.3	21.4
4 1	14 27.86	−10 22.5	1.528	2.462	10.6	21.1
4 11	14 20.65	− 9 38.8	1.461	2.442	6.2	20.8
4 21	14 11.74	− 8 49.9	1.419	2.422	2.1	20.5
5 1	14 2.20	− 8 1.5	1.404	2.402	4.3	20.6
5 11	13 53.25	− 7 20.5	1.415	2.382	9.1	20.9
5 21	13 45.97	− 6 52.1	1.450	2.362	13.6	21.1
5 31	13 41.12	− 6 40.1	1.505	2.343	17.5	21.3

352081 2006 WT_{187} 4 24.4 246.°01 2.°1/22.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.45	− 6 58.7	2.388	3.241	10.6	20.9
4 1	14 26.14	− 6 40.5	2.307	3.235	7.8	20.7
4 11	14 19.24	− 6 19.7	2.250	3.228	4.7	20.5
4 21	14 11.31	− 5 59.5	2.222	3.222	2.2	20.3
5 1	14 3.10	− 5 43.0	2.223	3.215	3.7	20.4
5 11	13 55.38	− 5 33.3	2.252	3.209	6.9	20.6
5 21	13 48.81	− 5 32.8	2.307	3.202	10.0	20.8
5 31	13 43.90	− 5 42.8	2.385	3.195	12.7	21.0

300010 2006 UA_{54} 4 24.4 245.°07 0.°7/25.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 28.91	−17 57.3	2.413	3.247	11.2	21.2
4 1	14 24.34	−17 21.0	2.324	3.240	8.4	21.0
4 11	14 18.20	−16 33.3	2.259	3.232	5.1	20.7
4 21	14 11.05	−15 36.7	2.222	3.224	1.6	20.5
5 1	14 3.62	−14 35.1	2.213	3.215	2.3	20.5
5 11	13 56.68	−13 33.5	2.234	3.207	5.8	20.7
5 21	13 50.89	−12 36.8	2.281	3.199	9.1	20.9
5 31	13 46.74	−11 49.1	2.352	3.190	12.0	21.1

192143 2006 FC_{8} 4 24.4 119.°02 0.°7/23.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.57	−13 24.4	2.088	2.935	12.1	21.0
4 1	14 26.32	−12 47.6	2.020	2.946	8.9	20.8
4 11	14 19.35	−12 2.4	1.977	2.956	5.2	20.6
4 21	14 11.33	−11 12.1	1.962	2.965	1.3	20.3
5 1	14 3.13	−10 21.5	1.975	2.975	3.0	20.4
5 11	13 55.61	− 9 35.6	2.016	2.984	6.8	20.7
5 21	13 49.47	− 8 58.5	2.084	2.993	10.2	20.9
5 31	13 45.20	− 8 33.3	2.173	3.002	13.1	21.1

7505 Furusho 4 24.4 215.°45 2.°0/22.3 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 32.73	− 7 32.5	2.731	3.576	9.7	17.9
4 1	14 26.92	− 6 55.4	2.640	3.565	7.1	17.7
4 11	14 19.64	− 6 14.6	2.576	3.553	4.3	17.5
4 21	14 11.42	− 5 33.2	2.541	3.540	2.1	17.3
5 1	14 2.91	− 4 55.0	2.536	3.526	3.6	17.4
5 11	13 54.82	− 4 23.5	2.561	3.512	6.5	17.6
5 21	13 47.75	− 4 1.4	2.613	3.497	9.4	17.7
5 31	13 42.19	− 3 50.6	2.689	3.481	11.9	17.9

522726 2016 LX_{62} 4 24.4 213°.10 5°.7/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 31.79	−34 44.5	2.668	3.414	12.6	21.8
4 1	14 26.54	−34 49.3	2.572	3.409	10.6	21.7
4 11	14 19.54	−34 35.5	2.498	3.404	8.4	21.5
4 21	14 11.41	−34 2.2	2.448	3.399	6.5	21.4
5 1	14 2.96	−33 10.6	2.426	3.393	5.7	21.3
5 11	13 55.05	−32 4.4	2.431	3.387	6.5	21.4
5 21	13 48.41	−30 49.1	2.464	3.380	8.5	21.5
5 31	13 43.59	−29 31.1	2.521	3.374	10.8	21.6

190675 2001 BU_{20} 4 24.4 156°.09 6°.0/18.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.67	+ 4 48.5	2.407	3.259	10.6	20.7
4 1	14 26.14	+ 5 56.1	2.351	3.267	8.3	20.6
4 11	14 19.14	+ 6 58.6	2.321	3.274	6.4	20.5
4 21	14 11.28	+ 7 50.7	2.318	3.281	6.0	20.5
5 1	14 3.28	+ 8 27.6	2.344	3.286	7.4	20.6
5 11	13 55.87	+ 8 46.7	2.396	3.292	9.5	20.7
5 21	13 49.66	+ 8 47.1	2.472	3.297	11.8	20.9
5 31	13 45.07	+ 8 29.8	2.568	3.301	13.8	21.0

54143 2000 HO_{39} 4 24.4 148°.00 5°.1/20.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 36.08	+ 0 37.5	1.982	2.838	12.4	19.6
4 1	14 29.63	+ 1 12.3	1.921	2.845	9.3	19.4
4 11	14 21.31	+ 1 43.8	1.884	2.852	6.4	19.2
4 21	14 11.85	+ 2 6.9	1.875	2.859	5.1	19.2
5 1	14 2.20	+ 2 17.5	1.894	2.865	6.6	19.3
5 11	13 53.31	+ 2 12.8	1.939	2.871	9.5	19.5
5 21	13 45.94	+ 1 52.1	2.010	2.876	12.5	19.7
5 31	13 40.62	+ 1 16.2	2.101	2.881	15.1	19.8

148543 2001 QG_{125} 4 24.4 180°.14 0°.4/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 34.40	−15 43.1	2.190	3.025	12.1	21.2
4 1	14 28.45	−15 26.1	2.110	3.027	9.0	21.0
4 11	14 20.66	−14 59.5	2.053	3.028	5.4	20.8
4 21	14 11.70	−14 25.5	2.025	3.028	1.5	20.5
5 1	14 2.44	−13 47.5	2.026	3.027	2.5	20.6
5 11	13 53.80	−13 10.0	2.055	3.026	6.4	20.9
5 21	13 46.53	−12 37.4	2.112	3.025	9.9	21.1
5 31	13 41.18	−12 13.3	2.191	3.023	12.9	21.3

333676 2008 TG_{121} 4 24.4 206°.99 3°.1/21.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 32.56	− 4 31.0	2.381	3.233	10.7	21.3
4 1	14 26.94	− 3 54.5	2.301	3.228	7.8	21.1
4 11	14 19.71	− 3 16.6	2.247	3.222	4.9	20.9
4 21	14 11.46	− 2 40.9	2.222	3.216	3.1	20.8
5 1	14 2.93	− 2 11.7	2.225	3.209	4.6	20.9
5 11	13 54.92	− 1 52.3	2.257	3.202	7.6	21.0
5 21	13 48.09	− 1 45.1	2.315	3.194	10.6	21.2
5 31	13 42.94	− 1 51.1	2.395	3.186	13.2	21.4

504021 2005 NH_{61} 4 24.4 172°.74 5°.5/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 28.76	+ 7 33.2	3.052	3.898	8.8	22.2
4 1	14 23.81	+ 8 36.4	2.994	3.901	7.0	22.1
4 11	14 17.70	+ 9 34.0	2.962	3.904	5.8	22.0
4 21	14 10.92	+10 21.7	2.958	3.906	5.7	22.0
5 1	14 4.00	+10 56.1	2.983	3.907	6.7	22.0
5 11	13 57.52	+11 14.8	3.034	3.909	8.4	22.2
5 21	13 51.93	+11 17.5	3.109	3.909	10.2	22.3
5 31	13 47.62	+11 4.5	3.205	3.910	11.8	22.4

56317 1999 TJ_{232} 4 24.4 307°.88 5°.2/19.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 29.89	+ 0 33.9	2.049	2.914	11.6	18.2
4 1	14 25.30	+ 1 19.6	1.966	2.895	8.8	18.0
4 11	14 18.89	+ 2 3.6	1.907	2.876	6.3	17.8
4 21	14 11.27	+ 2 40.4	1.875	2.858	5.2	17.7
5 1	14 3.27	+ 3 4.8	1.870	2.839	6.8	17.7
5 11	13 55.76	+ 3 13.1	1.890	2.821	9.8	17.9
5 21	13 49.52	+ 3 3.5	1.935	2.803	12.8	18.0
5 31	13 45.12	+ 2 36.0	1.999	2.785	15.6	18.2

140366 2001 TK_{28} 4 24.4 52°.73 2°.6/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 32.55	−21 20.8	1.614	2.452	15.6	19.4
4 1	14 27.65	−21 12.2	1.545	2.458	11.9	19.2
4 11	14 20.40	−20 46.3	1.497	2.465	7.8	19.0
4 21	14 11.66	−20 4.8	1.475	2.472	3.7	18.8
5 1	14 2.59	−19 11.9	1.478	2.479	3.4	18.8
5 11	13 54.40	−18 14.6	1.508	2.487	7.4	19.0
5 21	13 48.03	−17 19.9	1.563	2.494	11.5	19.3
5 31	13 44.12	−16 34.0	1.639	2.502	15.1	19.5

6083 Janeirabloom 4 24.4 206°.80 0°.2/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 37.36	−14 37.9	1.783	2.625	14.1	18.6
4 1	14 31.08	−14 26.2	1.699	2.620	10.5	18.3
4 11	14 22.44	−14 4.1	1.639	2.615	6.3	18.0
4 21	14 12.21	−13 33.9	1.605	2.608	1.7	17.7
5 1	14 1.49	−12 59.5	1.599	2.601	3.1	17.8
5 11	13 51.47	−12 26.2	1.622	2.593	7.7	18.1
5 21	13 43.15	−11 59.1	1.669	2.584	11.9	18.3
5 31	13 37.24	−11 42.4	1.739	2.575	15.6	18.5

165103 2000 HJ_{26} 4 24.4 317°.95 1°.5/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 33.45	− 9 1.2	1.993	2.847	12.4	19.8
4 1	14 27.91	− 8 57.5	1.915	2.844	9.1	19.6
4 11	14 20.42	− 8 49.9	1.862	2.841	5.3	19.4
4 21	14 11.67	− 8 41.1	1.835	2.838	1.8	19.1
5 1	14 2.57	− 8 34.3	1.837	2.835	3.5	19.2
5 11	13 54.08	− 8 32.8	1.866	2.832	7.4	19.5
5 21	13 47.00	− 8 39.1	1.921	2.829	11.0	19.7
5 31	13 41.95	− 8 55.1	1.998	2.826	14.1	19.9

435717 2008 UO_{39} 4 24.4 213°.15 0°.4/24.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.40	−14 13.1	2.152	2.997	11.9	22.1
4 1	14 26.30	−13 40.9	2.069	2.992	8.8	21.9
4 11	14 19.43	−12 59.3	2.011	2.988	5.2	21.6
4 21	14 11.41	−12 11.4	1.979	2.983	1.3	21.3
5 1	14 3.08	−11 21.5	1.977	2.978	2.8	21.4
5 11	13 55.32	−10 34.6	2.003	2.972	6.7	21.7
5 21	13 48.86	− 9 55.2	2.055	2.966	10.2	21.9
5 31	13 44.26	− 9 26.7	2.130	2.960	13.3	22.1

118443 1999 UZ_{62} 4 24.4 258°.09 5°.0/29.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.10	−30 53.8	2.537	3.310	12.5	19.8
4 1	14 26.11	−31 6.9	2.442	3.302	10.3	19.6
4 11	14 19.34	−31 3.3	2.369	3.294	7.9	19.4
4 21	14 11.40	−30 42.4	2.321	3.286	5.8	19.3
5 1	14 3.08	−30 5.1	2.300	3.278	5.0	19.2
5 11	13 55.25	−29 15.2	2.307	3.270	6.3	19.3
5 21	13 48.66	−28 17.5	2.341	3.262	8.7	19.4
5 31	13 43.88	−27 18.0	2.399	3.254	11.2	19.6

403030 2007 XX_{56} 4 24.4 169°.31 0°.6/24.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 35.18	−16 56.0	1.970	2.806	13.3	22.4
4 1	14 29.17	−16 29.0	1.894	2.811	9.9	22.2
4 11	14 21.15	−15 49.9	1.841	2.815	6.0	21.9
4 21	14 11.85	−15 1.4	1.815	2.818	1.8	21.7
5 1	14 2.26	−14 7.8	1.818	2.820	2.7	21.7
5 11	13 53.40	−13 15.0	1.850	2.822	6.9	22.0
5 21	13 46.09	−12 28.2	1.907	2.823	10.7	22.2
5 31	13 40.92	−11 52.0	1.988	2.823	13.9	22.4

511728 2015 DS_{30} 4 24.4 209°.92 0°.4/24.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.50	−12 46.8	1.951	2.800	12.8	21.7
4 1	14 28.00	−12 36.5	1.873	2.798	9.4	21.5
4 11	14 20.49	−12 18.7	1.819	2.797	5.6	21.3
4 21	14 11.70	−11 55.7	1.791	2.795	1.4	21.0
5 1	14 2.54	−11 31.2	1.792	2.793	3.0	21.1
5 11	13 54.04	−11 9.6	1.821	2.791	7.1	21.4
5 21	13 47.00	−10 54.5	1.875	2.789	10.9	21.6
5 31	13 42.04	−10 49.0	1.951	2.786	14.1	21.8

25986 Sunanda 4 24.4 346°.83 4°.7/21.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 30.06	− 5 54.2	1.328	2.211	15.5	18.2
4 1	14 26.10	− 4 45.8	1.264	2.207	11.4	17.9
4 11	14 19.61	− 3 31.8	1.222	2.203	7.2	17.7
4 21	14 11.49	− 2 20.2	1.204	2.200	4.7	17.5
5 1	14 2.96	− 1 20.2	1.210	2.197	7.1	17.6
5 11	13 55.33	− 0 39.2	1.240	2.195	11.4	17.9
5 21	13 49.62	− 0 21.3	1.292	2.194	15.7	18.1
5 31	13 46.51	− 0 27.3	1.361	2.193	19.3	18.4

111866 2002 EJ_{89} 4 24.4 15°.23 6°.1/17.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 26.74	+ 2 4.3	2.136	3.005	11.1	18.9
4 1	14 22.78	+ 3 46.5	2.079	3.006	8.5	18.8
4 11	14 17.28	+ 5 26.4	2.047	3.008	6.6	18.6
4 21	14 10.84	+ 6 56.7	2.042	3.010	6.3	18.6
5 1	14 4.22	+ 8 10.8	2.065	3.012	7.9	18.7
5 11	13 58.18	+ 9 4.1	2.113	3.014	10.4	18.9
5 21	13 53.33	+ 9 34.7	2.184	3.016	12.9	19.1
5 31	13 50.13	+ 9 43.0	2.274	3.019	15.1	19.2

280367 2003 TN_{11} 4 24.4 203°.07 0°.9/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 30.94	−18 14.1	2.151	2.986	12.3	20.6
4 1	14 25.99	−17 45.2	2.068	2.984	9.2	20.4
4 11	14 19.25	−17 4.0	2.009	2.981	5.7	20.1
4 21	14 11.37	−16 12.9	1.977	2.979	1.9	19.9
5 1	14 3.20	−15 16.0	1.974	2.976	2.5	19.9
5 11	13 55.61	−14 18.7	1.999	2.973	6.3	20.2
5 21	13 49.36	−13 26.2	2.050	2.970	9.8	20.4
5 31	13 44.98	−12 43.1	2.125	2.967	12.9	20.6

155713 2000 QS_{185} 4 24.4 251°.42 0°.5/24.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.89	−15 45.0	2.036	2.875	12.7	20.9
4 1	14 28.39	−15 34.0	1.941	2.860	9.5	20.7
4 11	14 20.81	−15 12.7	1.869	2.844	5.8	20.4
4 21	14 11.81	−14 43.0	1.824	2.827	1.7	20.1
5 1	14 2.29	−14 8.2	1.808	2.810	2.7	20.1
5 11	13 53.29	−13 33.1	1.820	2.793	6.9	20.3
5 21	13 45.68	−13 2.3	1.858	2.775	10.8	20.5
5 31	13 40.13	−12 40.2	1.918	2.757	14.2	20.7

216134 2006 SE_{108} 4 24.4 251°.17 4°.2/21.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 34.85	− 3 57.7	1.723	2.586	13.5	20.4
4 1	14 29.24	− 3 19.1	1.642	2.574	10.1	20.2
4 11	14 21.36	− 2 38.7	1.586	2.562	6.4	19.9
4 21	14 11.95	− 2 1.9	1.555	2.550	4.2	19.8
5 1	14 2.05	− 1 34.4	1.552	2.537	6.1	19.9
5 11	13 52.82	− 1 21.0	1.574	2.523	9.9	20.0
5 21	13 45.21	− 1 24.4	1.621	2.510	13.8	20.2
5 31	13 39.91	− 1 45.4	1.687	2.496	17.1	20.4

335176 2005 AK_{46} 4 24.4 162°.09 4°.2/20.0 17

3 22	14 31.34	− 0 58.9	2.474	3.329	10.2	21.4
4 1	14 25.90	− 0 2.5	2.409	3.335	7.6	21.3
4 11	14 19.03	+ 0 53.0	2.371	3.340	5.2	21.1
4 21	14 11.29	+ 1 43.0	2.362	3.345	4.2	21.1
5 1	14 3.39	+ 2 23.0	2.381	3.350	5.6	21.2
5 11	13 56.05	+ 2 49.8	2.428	3.353	8.1	21.3
5 21	13 49.85	+ 3 1.6	2.500	3.357	10.7	21.5
5 31	13 45.22	+ 2 58.2	2.593	3.359	12.9	21.7

93499 2000 TK_{46} 4 24.4 97°.69 0°.3/24.2 18

3 22	14 34.07	−13 33.8	1.851	2.700	13.4	19.8
4 1	14 28.38	−13 19.7	1.786	2.712	9.8	19.6
4 11	14 20.67	−12 57.0	1.745	2.723	5.8	19.3
4 21	14 11.73	−12 28.5	1.730	2.734	1.5	19.1
5 1	14 2.56	−11 58.2	1.744	2.745	3.0	19.2
5 11	13 54.19	−11 30.8	1.784	2.756	7.2	19.5
5 21	13 47.41	−11 10.5	1.850	2.766	10.9	19.7
5 31	13 42.78	−11 0.3	1.938	2.777	14.1	20.0

64755 2001 XD_{159} 4 24.4 76°.94 3°.8/20.9 18

3 22	14 30.21	− 2 41.4	2.223	3.084	11.0	19.5
4 1	14 25.21	− 2 0.2	2.162	3.092	8.1	19.3
4 11	14 18.67	− 1 19.2	2.127	3.101	5.3	19.1
4 21	14 11.21	− 0 43.0	2.118	3.109	3.8	19.0
5 1	14 3.58	− 0 15.6	2.138	3.117	5.3	19.2
5 11	13 56.57	− 0 0.4	2.185	3.125	8.1	19.3
5 21	13 50.79	+ 0 1.0	2.257	3.134	10.9	19.5
5 31	13 46.71	− 0 11.8	2.350	3.142	13.4	19.7

214819 Gianotti 4 24.4 202°.49 1°.8/25.9 18

3 22	14 34.21	−18 33.0	2.446	3.267	11.4	20.5
4 1	14 28.26	−18 52.4	2.359	3.266	8.7	20.3
4 11	14 20.57	−19 2.9	2.298	3.264	5.6	20.1
4 21	14 11.73	−19 4.9	2.264	3.262	2.5	19.9
5 1	14 2.54	−18 59.8	2.260	3.260	2.6	19.9
5 11	13 53.83	−18 50.4	2.284	3.258	5.7	20.1
5 21	13 46.35	−18 40.0	2.336	3.255	8.8	20.3
5 31	13 40.65	−18 32.2	2.413	3.253	11.6	20.5

468624 2008 HN_{7} 4 24.4 317°.70 8°.3/19.6 16

3 22	14 35.98	+ 6 10.2	1.504	2.369	15.0	20.8
4 1	14 30.27	+ 6 47.2	1.436	2.359	11.9	20.6
4 11	14 22.03	+ 7 14.3	1.391	2.349	9.3	20.4
4 21	14 12.14	+ 7 24.3	1.369	2.340	8.3	20.3
5 1	14 1.78	+ 7 11.3	1.372	2.331	10.0	20.4
5 11	13 52.28	+ 6 32.9	1.399	2.322	13.1	20.5
5 21	13 44.66	+ 5 30.5	1.448	2.314	16.5	20.7
5 31	13 39.63	+ 4 7.4	1.515	2.306	19.6	20.9

501266 2013 WJ_{13} 4 24.4 162°.15 3°.4/21.4 17

3 22	14 32.77	− 3 54.5	2.230	3.086	11.2	22.1
4 1	14 27.12	− 3 17.4	2.162	3.090	8.2	21.9
4 11	14 19.82	− 2 39.6	2.119	3.094	5.2	21.7
4 21	14 11.52	− 2 5.1	2.104	3.098	3.4	21.6
5 1	14 3.00	− 1 38.3	2.118	3.101	5.0	21.7
5 11	13 55.10	− 1 22.4	2.159	3.103	7.9	21.9
5 21	13 48.48	− 1 19.4	2.226	3.106	10.9	22.1
5 31	13 43.63	− 1 30.1	2.315	3.108	13.5	22.3

486695 2013 WP_{63} 4 24.4 279°.61 4°.0/ 1.9 18

3 22	14 25.02	−36 25.5	4.471	5.189	8.2	20.5
4 1	14 21.03	−36 22.8	4.367	5.181	7.0	20.4
4 11	14 16.08	−36 8.3	4.287	5.174	5.7	20.3
4 21	14 10.54	−35 41.8	4.233	5.167	4.6	20.2
5 1	14 4.85	−35 4.2	4.206	5.159	4.0	20.1
5 11	13 59.45	−34 17.5	4.208	5.152	4.4	20.2
5 21	13 54.74	−33 24.3	4.237	5.145	5.5	20.2
5 31	13 51.05	−32 28.0	4.292	5.137	6.8	20.3

375870 2009 VM_{45} 4 24.4 182°.91 0°.9/25.3 17

3 22	14 33.81	−17 28.5	2.449	3.275	11.3	22.1
4 1	14 27.89	−17 13.3	2.365	3.276	8.5	21.9
4 11	14 20.30	−16 48.3	2.305	3.276	5.2	21.7
4 21	14 11.65	−16 15.1	2.274	3.275	1.8	21.5
5 1	14 2.73	−15 36.7	2.273	3.274	2.3	21.5
5 11	13 54.35	−14 57.3	2.300	3.272	5.7	21.7
5 21	13 47.20	−14 20.9	2.356	3.270	9.0	21.9
5 31	13 41.80	−13 51.2	2.435	3.266	11.8	22.1

469794 2005 RQ_{29} 4 24.4 244°.15 6°.0/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 32.75	−37 18.1	3.003	3.723	11.8	21.8
4 1	14 27.22	−37 27.1	2.890	3.705	10.1	21.6
4 11	14 19.98	−37 18.3	2.800	3.687	8.3	21.4
4 21	14 11.60	−36 50.3	2.734	3.668	6.7	21.3
5 1	14 2.82	−36 3.4	2.695	3.648	6.0	21.2
5 11	13 54.47	−35 0.5	2.684	3.628	6.6	21.2
5 21	13 47.28	−33 46.4	2.701	3.608	8.2	21.3
5 31	13 41.81	−32 26.9	2.742	3.587	10.3	21.4

216400 2008 EX_{88} 4 24.4 69°.43 2°.7/22.1 18

3 22	14 31.02	− 5 25.4	2.277	3.134	10.9	20.0
4 1	14 25.84	− 5 1.5	2.208	3.138	8.0	19.8
4 11	14 19.08	− 4 36.2	2.164	3.141	4.9	19.6
4 21	14 11.35	− 4 13.0	2.147	3.144	2.7	19.4
5 1	14 3.40	− 3 55.3	2.159	3.148	4.3	19.5
5 11	13 56.02	− 3 46.4	2.199	3.151	7.3	19.7
5 21	13 49.86	− 3 48.2	2.264	3.155	10.3	19.9
5 31	13 45.40	− 4 1.5	2.351	3.158	12.9	20.1

429604 2011 FP_{3} 4 24.4 115°.52 7°.4/16.4 17

3 22	14 30.07	+ 3 56.9	1.913	2.779	12.3	20.9
4 1	14 25.30	+ 5 59.6	1.866	2.789	9.6	20.7
4 11	14 18.80	+ 7 57.7	1.844	2.798	7.7	20.6
4 21	14 11.27	+ 9 42.0	1.850	2.807	7.7	20.6
5 1	14 3.59	+11 4.9	1.882	2.816	9.4	20.7
5 11	13 56.64	+12 1.6	1.939	2.825	11.9	20.9
5 21	13 51.10	+12 31.2	2.018	2.833	14.4	21.1
5 31	13 47.46	+12 35.0	2.115	2.841	16.6	21.3

102403 1999 TB_{172} 4 24.4 153°.18 0°.8/23.7 18

3 22	14 35.08	−12 45.3	2.001	2.846	12.7	20.9
4 1	14 29.00	−12 12.6	1.931	2.855	9.3	20.7
4 11	14 21.01	−11 31.5	1.886	2.863	5.4	20.5
4 21	14 11.85	−10 45.5	1.868	2.871	1.4	20.2
5 1	14 2.46	− 9 59.2	1.879	2.878	3.2	20.4
5 11	13 53.81	− 9 17.8	1.918	2.884	7.2	20.6
5 21	13 46.67	− 8 45.4	1.983	2.890	10.8	20.9
5 31	13 41.57	− 8 25.1	2.071	2.894	13.9	21.1

281712 2008 WT_{106} 4 24.4 273°.78 2°.0/26.1 17

3 22	14 31.78	−20 13.6	1.973	2.804	13.4	20.6
4 1	14 26.90	−20 5.7	1.882	2.793	10.3	20.4
4 11	14 19.96	−19 43.9	1.815	2.782	6.6	20.1
4 21	14 11.62	−19 9.4	1.773	2.771	3.0	19.9
5 1	14 2.83	−18 25.4	1.759	2.760	2.9	19.8
5 11	13 54.60	−17 37.0	1.772	2.749	6.7	20.0
5 21	13 47.82	−16 50.0	1.811	2.738	10.5	20.2
5 31	13 43.14	−16 9.7	1.873	2.727	13.9	20.4

34642 2000 WN_{2} 4 24.4 271°.71 1°.0/22.8 18

3 22	14 25.10	− 7 48.2	4.430	5.274	6.3	18.0
4 1	14 20.94	− 7 39.7	4.342	5.266	4.6	17.9
4 11	14 15.99	− 7 29.7	4.282	5.259	2.7	17.7
4 21	14 10.54	− 7 19.8	4.251	5.252	1.1	17.6
5 1	14 4.95	− 7 11.3	4.251	5.244	2.0	17.7
5 11	13 59.59	− 7 5.9	4.280	5.237	3.9	17.8
5 21	13 54.79	− 7 4.7	4.338	5.230	5.8	17.9
5 31	13 50.84	− 7 8.8	4.421	5.222	7.4	18.1

292733 2006 UG_{156} 4 24.4 122°.67 2°.1/22.1 17

3 22	14 28.53	− 9 13.9	2.311	3.167	10.8	20.9
4 1	14 24.00	− 8 14.2	2.241	3.172	7.8	20.7
4 11	14 17.99	− 7 8.9	2.197	3.176	4.6	20.5
4 21	14 11.06	− 6 2.6	2.181	3.181	2.2	20.4
5 1	14 3.96	− 5 0.3	2.193	3.185	3.9	20.5
5 11	13 57.42	− 4 6.9	2.234	3.189	7.1	20.7
5 21	13 52.04	− 3 25.8	2.301	3.193	10.1	20.9
5 31	13 48.27	− 2 59.2	2.389	3.197	12.7	21.1

304823 2007 RR_{5} 4 24.4 321°.83 2°.0/25.7 17

3 22	14 28.70	−20 0.7	1.157	2.025	18.4	19.7
4 1	14 25.81	−19 36.8	1.076	2.007	14.2	19.4
4 11	14 19.86	−18 49.2	1.013	1.990	9.0	19.0
4 21	14 11.68	−17 39.9	0.972	1.973	3.5	18.7
5 1	14 2.67	−16 15.6	0.954	1.957	3.9	18.6
5 11	13 54.51	−14 47.4	0.959	1.943	9.7	18.9
5 21	13 48.56	−13 26.9	0.985	1.929	15.3	19.1
5 31	13 45.79	−12 23.8	1.030	1.916	20.2	19.4

274578 2008 SN_{308} 4 24.4 353°.74 3°.6/21.6 18

3 22	14 32.28	− 4 29.9	1.893	2.756	12.5	19.9
4 1	14 27.06	− 3 55.2	1.824	2.756	9.2	19.7
4 11	14 19.93	− 3 19.1	1.779	2.756	5.8	19.5
4 21	14 11.59	− 2 46.3	1.760	2.756	3.6	19.4
5 1	14 2.96	− 2 21.6	1.769	2.756	5.4	19.5
5 11	13 55.01	− 2 9.0	1.805	2.756	8.8	19.7
5 21	13 48.53	− 2 10.7	1.865	2.756	12.2	19.9
5 31	13 44.07	− 2 27.4	1.946	2.756	15.1	20.1

431981 2008 UV_{185} 4 24.4 209°.87 1°.9/22.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 32.18	− 8 43.6	2.137	2.990	11.7	21.4
4 1	14 26.86	− 8 15.8	2.059	2.988	8.5	21.2
4 11	14 19.77	− 7 43.3	2.006	2.984	5.0	21.0
4 21	14 11.55	− 7 9.8	1.980	2.981	2.0	20.8
5 1	14 3.03	− 6 39.3	1.983	2.978	3.8	20.9
5 11	13 55.08	− 6 15.8	2.014	2.974	7.3	21.1
5 21	13 48.45	− 6 2.5	2.070	2.970	10.7	21.3
5 31	13 43.66	− 6 1.3	2.149	2.966	13.7	21.5

377454 2004 VT_{47} 4 24.4 161°.59 4°.0/21.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.78	− 1 52.1	2.195	3.050	11.3	21.3
4 1	14 27.88	− 1 18.4	2.128	3.054	8.4	21.1
4 11	14 20.29	− 0 45.7	2.086	3.058	5.5	21.0
4 21	14 11.67	− 0 18.2	2.072	3.062	4.0	20.9
5 1	14 2.83	− 0 0.0	2.086	3.065	5.5	21.0
5 11	13 54.63	+ 0 5.9	2.129	3.067	8.4	21.2
5 21	13 47.75	− 0 1.9	2.196	3.070	11.3	21.3
5 31	13 42.69	− 0 23.6	2.285	3.072	13.9	21.5

461608 2004 TH_{336} 4 24.4 155°.63 0°.5/24.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 37.27	−13 8.8	1.763	2.609	14.1	22.4
4 1	14 30.87	−12 52.2	1.692	2.617	10.4	22.2
4 11	14 22.24	−12 26.6	1.646	2.623	6.1	22.0
4 21	14 12.19	−11 55.0	1.625	2.629	1.5	21.7
5 1	14 1.83	−11 21.6	1.634	2.634	3.3	21.8
5 11	13 52.30	−10 51.8	1.669	2.639	7.7	22.1
5 21	13 44.51	−10 29.8	1.730	2.643	11.7	22.3
5 31	13 39.08	−10 19.1	1.813	2.646	15.2	22.5

80042 1999 JP_{38} 4 24.4 162°.75 2°.6/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 32.46	− 5 21.2	2.290	3.144	11.0	19.4
4 1	14 26.91	− 5 2.7	2.217	3.145	8.0	19.2
4 11	14 19.73	− 4 43.0	2.170	3.146	4.9	19.0
4 21	14 11.53	− 4 25.3	2.150	3.148	2.7	18.8
5 1	14 3.09	− 4 13.0	2.159	3.149	4.2	18.9
5 11	13 55.22	− 4 9.0	2.196	3.149	7.3	19.1
5 21	13 48.58	− 4 15.2	2.259	3.150	10.3	19.3
5 31	13 43.68	− 4 32.4	2.345	3.151	13.0	19.5

433482 2013 WF_{5} 4 24.4 190°.61 3°.4/20.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 30.95	− 5 22.2	2.265	3.122	11.0	21.9
4 1	14 25.82	− 4 17.2	2.191	3.121	8.0	21.7
4 11	14 19.09	− 3 8.9	2.144	3.120	5.0	21.5
4 21	14 11.37	− 2 2.4	2.124	3.118	3.4	21.4
5 1	14 3.41	− 1 3.2	2.134	3.115	5.1	21.5
5 11	13 56.01	− 0 16.1	2.171	3.112	8.1	21.7
5 21	13 49.83	+ 0 16.1	2.233	3.108	11.1	21.9
5 31	13 45.35	+ 0 31.7	2.317	3.104	13.7	22.1

505827 2015 BE_{464} 4 24.4 124°.98 10°.7/ 5.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 36.42	−44 57.8	2.015	2.707	17.6	20.6
4 1	14 30.86	−45 39.9	1.932	2.710	15.8	20.5
4 11	14 22.52	−45 53.8	1.867	2.712	13.7	20.3
4 21	14 12.31	−45 34.9	1.822	2.714	11.9	20.2
5 1	14 1.58	−44 42.2	1.799	2.716	10.8	20.1
5 11	13 51.79	−43 19.8	1.800	2.718	10.9	20.1
5 21	13 44.11	−41 35.8	1.825	2.720	12.1	20.2
5 31	13 39.30	−39 40.9	1.872	2.722	14.1	20.3

102874 1999 WA_{12} 4 24.4 118°.20 2°.2/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 32.27	− 8 14.4	2.017	2.874	12.1	19.9
4 1	14 26.93	− 7 43.1	1.949	2.880	8.8	19.7
4 11	14 19.79	− 7 7.6	1.906	2.885	5.2	19.5
4 21	14 11.55	− 6 31.7	1.891	2.891	2.3	19.3
5 1	14 3.08	− 5 59.9	1.903	2.897	4.1	19.5
5 11	13 55.29	− 5 36.4	1.943	2.902	7.6	19.7
5 21	13 48.90	− 5 24.1	2.008	2.908	11.0	19.9
5 31	13 44.43	− 5 24.6	2.095	2.913	13.9	20.1

272513 2005 UE_{213} 4 24.4 164°.63 1°.8/26.3 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.43	−21 27.2	2.644	3.453	11.0	22.0
4 1	14 27.49	−21 6.1	2.561	3.460	8.4	21.8
4 11	14 20.01	−20 33.0	2.504	3.466	5.5	21.6
4 21	14 11.60	−19 49.5	2.476	3.472	2.5	21.4
5 1	14 2.99	−18 58.4	2.477	3.477	2.4	21.4
5 11	13 54.93	−18 4.1	2.508	3.481	5.2	21.6
5 21	13 48.06	−17 11.2	2.567	3.484	8.2	21.8
5 31	13 42.85	−16 23.7	2.651	3.487	10.8	22.0

499543 2010 RP_{111} 4 24.4 222°.06 0°.9/23.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 34.38	−12 50.9	1.954	2.801	12.9	22.6
4 1	14 28.73	−12 15.1	1.866	2.791	9.5	22.4
4 11	14 21.01	−11 29.6	1.803	2.781	5.6	22.2
4 21	14 11.91	−10 38.0	1.767	2.770	1.5	21.8
5 1	14 2.38	− 9 45.3	1.759	2.758	3.4	22.0
5 11	13 53.45	− 8 57.0	1.780	2.746	7.6	22.2
5 21	13 45.99	− 8 18.3	1.826	2.733	11.5	22.4
5 31	13 40.63	− 7 52.7	1.894	2.719	14.9	22.6

287478 2003 AR_{78} 4 24.4 141°.85 3°.4/20.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 29.55	− 3 55.0	2.419	3.277	10.3	21.1
4 1	14 24.67	− 3 1.6	2.353	3.283	7.6	20.9
4 11	14 18.36	− 2 7.0	2.314	3.288	4.8	20.7
4 21	14 11.18	− 1 15.7	2.302	3.294	3.4	20.6
5 1	14 3.84	− 0 32.2	2.319	3.299	4.9	20.7
5 11	13 57.05	− 0 0.2	2.364	3.304	7.6	20.9
5 21	13 51.38	+ 0 18.2	2.435	3.308	10.3	21.1
5 31	13 47.27	+ 0 22.1	2.527	3.313	12.7	21.3

181547 2006 UT_{217} 4 24.4 150°.71 0°.4/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 30.81	−12 33.1	2.909	3.746	9.4	21.3
4 1	14 25.41	−12 14.7	2.834	3.754	6.9	21.1
4 11	14 18.73	−11 51.1	2.786	3.762	4.0	21.0
4 21	14 11.28	−11 24.2	2.766	3.770	1.0	20.7
5 1	14 3.67	−10 56.8	2.777	3.777	2.2	20.9
5 11	13 56.52	−10 31.9	2.817	3.783	5.2	21.1
5 21	13 50.35	−10 11.9	2.885	3.790	7.9	21.3
5 31	13 45.58	− 9 59.1	2.978	3.795	10.2	21.4

209843 2005 GC_{167} 4 24.4 247°.97 0°.8/23.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 30.94	−12 0.5	2.238	3.087	11.4	21.1
4 1	14 25.96	−11 36.1	2.153	3.079	8.4	20.9
4 11	14 19.26	−11 4.8	2.093	3.072	4.9	20.7
4 21	14 11.45	−10 29.4	2.060	3.064	1.3	20.4
5 1	14 3.31	− 9 53.7	2.056	3.056	3.0	20.5
5 11	13 55.69	− 9 21.9	2.081	3.048	6.6	20.7
5 21	13 49.29	− 8 57.8	2.131	3.039	10.1	20.9
5 31	13 44.66	− 8 44.0	2.204	3.031	13.0	21.1

516675 2008 SB_{312} 4 24.4 224°.36 1°.0/23.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 32.54	−11 37.6	2.147	2.995	11.8	22.3
4 1	14 27.18	−11 12.3	2.063	2.988	8.7	22.0
4 11	14 20.01	−10 40.1	2.003	2.981	5.1	21.8
4 21	14 11.65	−10 3.9	1.971	2.974	1.4	21.5
5 1	14 2.94	− 9 27.7	1.967	2.966	3.2	21.6
5 11	13 54.78	− 8 56.0	1.992	2.958	7.0	21.9
5 21	13 47.92	− 8 32.5	2.042	2.949	10.5	22.1
5 31	13 42.94	− 8 20.0	2.115	2.940	13.6	22.3

418381 2008 HX_{15} 4 24.4 85°.73 1°.4/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 30.43	−14 34.9	1.662	2.520	14.2	20.4
4 1	14 25.89	−13 10.1	1.596	2.528	10.3	20.2
4 11	14 19.29	−11 31.4	1.555	2.535	6.0	19.9
4 21	14 11.45	− 9 45.2	1.540	2.543	1.7	19.7
5 1	14 3.39	− 8 0.5	1.553	2.551	4.0	19.9
5 11	13 56.19	− 6 26.1	1.593	2.559	8.4	20.1
5 21	13 50.63	− 5 8.8	1.658	2.566	12.4	20.4
5 31	13 47.27	− 4 12.5	1.744	2.574	15.8	20.6

471394 2011 SJ_{145} 4 24.4 111°.83 3°.8/27.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 32.57	−25 30.0	2.312	3.113	12.7	20.9
4 1	14 27.22	−25 46.7	2.230	3.116	10.0	20.8
4 11	14 20.03	−25 49.1	2.170	3.119	7.2	20.6
4 21	14 11.65	−25 37.0	2.137	3.121	4.6	20.4
5 1	14 2.94	−25 11.9	2.132	3.124	4.0	20.4
5 11	13 54.79	−24 37.6	2.155	3.126	6.1	20.5
5 21	13 47.98	−23 58.8	2.204	3.129	9.0	20.7
5 31	13 43.08	−23 20.7	2.277	3.131	11.7	20.9

65447 2002 VR_{34} 4 24.4 61°.41 0°.4/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.07	−13 50.6	1.959	2.810	12.7	19.3
4 1	14 26.04	−13 22.2	1.902	2.828	9.3	19.1
4 11	14 19.25	−12 45.2	1.868	2.846	5.4	18.9
4 21	14 11.42	−12 2.9	1.861	2.864	1.3	18.6
5 1	14 3.45	−11 19.9	1.882	2.883	2.9	18.8
5 11	13 56.25	−10 41.1	1.930	2.901	6.8	19.0
5 21	13 50.49	−10 10.5	2.004	2.920	10.2	19.3
5 31	13 46.67	− 9 51.1	2.101	2.938	13.2	19.5

16614 1993 FS_{35} 4 24.4 30°.49 0°.3/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 30.81	−13 25.0	2.098	2.946	12.1	18.2
4 1	14 25.90	−13 8.7	2.023	2.948	8.9	18.0
4 11	14 19.22	−12 44.7	1.973	2.950	5.2	17.8
4 21	14 11.44	−12 15.4	1.949	2.953	1.3	17.5
5 1	14 3.37	−11 44.7	1.954	2.955	2.7	17.6
5 11	13 55.92	−11 16.7	1.986	2.957	6.6	17.8
5 21	13 49.79	−10 55.2	2.044	2.960	10.1	18.1
5 31	13 45.52	−10 43.1	2.125	2.962	13.1	18.3

468454 2003 UK_{3} 4 24.4 235°.40 2°.2/22.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 32.95	− 6 57.5	2.673	3.518	9.9	22.2
4 1	14 27.21	− 6 27.0	2.576	3.500	7.2	22.0
4 11	14 19.93	− 5 53.4	2.506	3.482	4.4	21.8
4 21	14 11.63	− 5 19.6	2.465	3.463	2.2	21.6
5 1	14 2.98	− 4 49.1	2.454	3.444	3.7	21.7
5 11	13 54.71	− 4 25.5	2.472	3.423	6.7	21.8
5 21	13 47.47	− 4 11.2	2.517	3.402	9.6	22.0
5 31	13 41.76	− 4 8.0	2.586	3.380	12.2	22.1

346264 2008 FK_{100} 4 24.4 277°.04 1°.7/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 23.07	− 5 16.7	4.423	5.274	6.2	21.0
4 1	14 19.50	− 4 49.4	4.337	5.264	4.5	20.9
4 11	14 15.17	− 4 21.2	4.279	5.255	2.8	20.7
4 21	14 10.37	− 3 53.9	4.251	5.246	1.7	20.7
5 1	14 5.45	− 3 29.6	4.252	5.237	2.6	20.7
5 11	14 0.75	− 3 10.1	4.283	5.228	4.3	20.8
5 21	13 56.59	− 2 56.7	4.341	5.219	6.1	20.9
5 31	13 53.24	− 2 50.5	4.423	5.210	7.6	21.1

431089 2006 DH_{103} 4 24.4 175°.27 3°.4/21.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 30.94	− 5 22.2	2.220	3.078	11.1	21.5
4 1	14 25.84	− 4 20.6	2.150	3.080	8.1	21.3
4 11	14 19.12	− 3 16.1	2.105	3.081	5.1	21.1
4 21	14 11.41	− 2 13.6	2.089	3.083	3.4	21.0
5 1	14 3.49	− 1 18.6	2.101	3.083	5.1	21.1
5 11	13 56.15	− 0 35.5	2.141	3.084	8.1	21.3
5 21	13 50.06	− 0 7.4	2.206	3.083	11.1	21.5
5 31	13 45.69	+ 0 4.5	2.293	3.083	13.7	21.6

206950 2004 RP_{205} 4 24.4 185°.61 4°.5/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 34.82	− 4 19.9	1.690	2.554	13.7	20.5
4 1	14 29.14	− 3 17.0	1.622	2.554	10.1	20.2
4 11	14 21.26	− 2 11.2	1.578	2.554	6.5	20.0
4 21	14 11.99	− 1 9.2	1.560	2.553	4.5	19.9
5 1	14 2.40	− 0 17.9	1.570	2.552	6.5	20.0
5 11	13 53.60	+ 0 17.1	1.606	2.550	10.2	20.2
5 21	13 46.50	+ 0 32.6	1.665	2.547	13.8	20.4
5 31	13 41.69	+ 0 28.1	1.744	2.544	17.0	20.6

336833 2011 FZ 4 24.4 304°.64 4°.3/26.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 35.27	−22 32.3	1.693	2.519	15.5	20.3
4 1	14 30.07	−23 14.2	1.596	2.500	12.3	20.0
4 11	14 22.19	−23 42.4	1.522	2.481	8.6	19.8
4 21	14 12.33	−23 54.9	1.472	2.462	5.1	19.5
5 1	14 1.60	−23 51.9	1.448	2.443	4.7	19.5
5 11	13 51.38	−23 36.7	1.450	2.425	8.1	19.6
5 21	13 42.89	−23 14.9	1.477	2.407	12.2	19.8
5 31	13 37.03	−22 53.0	1.525	2.389	16.0	20.0

304579 2006 VS_{42} 4 24.4 201°.29 2°.2/27.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 29.82	−24 35.6	3.099	3.894	9.9	21.7
4 1	14 24.76	−24 4.9	3.002	3.889	7.7	21.5
4 11	14 18.39	−23 21.5	2.931	3.884	5.2	21.3
4 21	14 11.22	−22 26.9	2.888	3.878	2.9	21.1
5 1	14 3.85	−21 23.6	2.874	3.872	2.5	21.1
5 11	13 56.90	−20 15.6	2.891	3.865	4.6	21.2
5 21	13 50.92	−19 7.4	2.937	3.857	7.2	21.4
5 31	13 46.31	−18 3.3	3.009	3.850	9.6	21.5

474063 2016 JH_{3} 4 24.4 356°.05 0°.9/24.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 37.67	− 9 21.0	1.406	2.270	16.0	19.6
4 1	14 31.80	− 9 51.7	1.334	2.267	11.8	19.3
4 11	14 23.12	−10 19.5	1.285	2.265	7.0	19.0
4 21	14 12.53	−10 45.6	1.260	2.264	1.9	18.7
5 1	14 1.35	−11 12.1	1.262	2.263	3.9	18.8
5 11	13 51.06	−11 41.6	1.289	2.263	9.0	19.1
5 21	13 42.83	−12 16.3	1.340	2.263	13.7	19.4
5 31	13 37.48	−12 58.1	1.411	2.265	17.6	19.6

406343 2007 RU_{95} 4 24.4 195°.85 2°.9/22.0 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.76	− 8 31.2	1.755	2.615	13.5	21.8
4 1	14 28.34	− 7 30.0	1.681	2.613	9.8	21.6
4 11	14 20.79	− 6 21.7	1.632	2.611	5.9	21.3
4 21	14 11.88	− 5 12.0	1.609	2.608	3.0	21.1
5 1	14 2.63	− 4 7.8	1.614	2.605	5.1	21.2
5 11	13 54.11	− 3 15.7	1.646	2.601	9.1	21.5
5 21	13 47.21	− 2 40.0	1.702	2.596	12.9	21.7
5 31	13 42.53	− 2 23.0	1.779	2.591	16.2	21.9

215331 2001 UW_{61} 4 24.4 286°.05 0°.2/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 23.32	−15 34.6	4.270	5.101	6.8	20.3
4 1	14 19.73	−15 13.9	4.179	5.094	5.0	20.2
4 11	14 15.33	−14 48.2	4.114	5.087	3.0	20.0
4 21	14 10.42	−14 18.9	4.078	5.081	0.9	19.8
5 1	14 5.38	−13 47.8	4.072	5.074	1.4	19.9
5 11	14 0.59	−13 17.2	4.096	5.067	3.5	20.0
5 21	13 56.37	−12 48.9	4.149	5.061	5.5	20.2
5 31	13 53.02	−12 24.9	4.226	5.054	7.3	20.3

91629 1999 TR_{58} 4 24.4 290°.74 1°.2/23.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 29.03	−11 26.7	2.294	3.146	11.0	20.9
4 1	14 24.60	−10 53.3	2.199	3.127	8.1	20.7
4 11	14 18.50	−10 12.7	2.129	3.108	4.7	20.4
4 21	14 11.29	− 9 28.1	2.087	3.090	1.5	20.1
5 1	14 3.71	− 8 43.7	2.073	3.071	3.2	20.2
5 11	13 56.55	− 8 4.0	2.087	3.052	6.8	20.4
5 21	13 50.51	− 7 32.8	2.126	3.033	10.2	20.6
5 31	13 46.16	− 7 13.1	2.189	3.014	13.2	20.8

470248 2006 XP_{71} 4 24.4 174°.02 4°.3/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 31.29	−31 3.6	3.001	3.763	11.0	21.7
4 1	14 25.96	−31 7.7	2.911	3.765	9.0	21.6
4 11	14 19.17	−30 57.0	2.844	3.767	6.9	21.5
4 21	14 11.44	−30 31.3	2.804	3.768	5.0	21.3
5 1	14 3.47	−29 52.1	2.792	3.769	4.3	21.3
5 11	13 55.97	−29 2.6	2.808	3.770	5.4	21.4
5 21	13 49.56	−28 6.9	2.852	3.770	7.5	21.5
5 31	13 44.69	−27 10.0	2.922	3.770	9.6	21.6

250365 2003 SJ_{307} 4 24.4 170°.84 5°.5/29.4 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 36.59	−31 3.9	2.056	2.832	14.9	20.8
4 1	14 30.44	−31 6.1	1.972	2.836	12.2	20.6
4 11	14 22.04	−30 46.9	1.910	2.840	9.2	20.4
4 21	14 12.21	−30 5.5	1.872	2.843	6.5	20.2
5 1	14 2.02	−29 3.9	1.862	2.845	5.5	20.2
5 11	13 52.61	−27 48.0	1.879	2.846	7.2	20.3
5 21	13 44.90	−26 25.3	1.923	2.847	10.2	20.4
5 31	13 39.52	−25 3.9	1.991	2.847	13.1	20.6

480790 2016 PS_{35} 4 24.4 122°.03 3°.7/20.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 30.71	− 1 49.8	2.411	3.269	10.4	20.8
4 1	14 25.54	− 1 13.9	2.346	3.274	7.7	20.7
4 11	14 18.90	− 0 39.0	2.307	3.279	5.1	20.5
4 21	14 11.38	− 0 9.0	2.295	3.284	3.7	20.4
5 1	14 3.69	+ 0 12.5	2.312	3.289	5.1	20.5
5 11	13 56.55	+ 0 22.4	2.357	3.294	7.7	20.7
5 21	13 50.55	+ 0 19.5	2.426	3.299	10.4	20.9
5 31	13 46.15	+ 0 3.4	2.518	3.303	12.8	21.1

249160 Urriellu 4 24.4 325°.48 5°.9/29.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.41	−30 24.5	2.019	2.808	14.7	20.1
4 1	14 26.82	−30 50.5	1.928	2.799	12.1	19.9
4 11	14 20.03	−30 57.4	1.859	2.790	9.3	19.7
4 21	14 11.74	−30 43.6	1.813	2.782	6.8	19.5
5 1	14 2.93	−30 9.8	1.793	2.774	6.0	19.5
5 11	13 54.70	−29 20.3	1.800	2.766	7.5	19.5
5 21	13 48.02	−28 21.2	1.831	2.758	10.3	19.7
5 31	13 43.56	−27 20.0	1.885	2.751	13.3	19.8

504305 2007 GV_{49} 4 24.4 231°.98 0°.7/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 32.01	−17 28.1	2.209	3.043	12.1	21.7
4 1	14 26.85	−16 57.7	2.116	3.032	9.1	21.4
4 11	14 19.86	−16 15.3	2.047	3.020	5.5	21.2
4 21	14 11.67	−15 23.3	2.006	3.009	1.7	20.9
5 1	14 3.10	−14 25.8	1.994	2.996	2.5	21.0
5 11	13 55.05	−13 28.0	2.011	2.983	6.4	21.2
5 21	13 48.29	−12 35.1	2.054	2.970	10.0	21.4
5 31	13 43.39	−11 51.7	2.120	2.956	13.1	21.6

333641 2008 QH_{22} 4 24.5 244°.64 6°.2/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 34.57	−31 26.8	2.064	2.841	14.8	20.7
4 1	14 29.15	−31 51.9	1.970	2.832	12.3	20.5
4 11	14 21.42	−31 57.3	1.898	2.824	9.5	20.3
4 21	14 12.11	−31 40.9	1.850	2.814	7.1	20.1
5 1	14 2.24	−31 3.4	1.828	2.805	6.2	20.0
5 11	13 52.98	−30 8.8	1.833	2.796	7.7	20.1
5 21	13 45.31	−29 3.8	1.863	2.786	10.5	20.2
5 31	13 39.97	−27 56.1	1.917	2.776	13.4	20.4

304633 2006 VN_{148} 4 24.5 199°.64 2°.8/21.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 30.97	− 4 23.8	2.629	3.482	9.8	21.6
4 1	14 25.68	− 3 55.8	2.552	3.479	7.2	21.5
4 11	14 18.99	− 3 27.0	2.501	3.476	4.5	21.3
4 21	14 11.42	− 3 0.5	2.479	3.473	2.8	21.2
5 1	14 3.62	− 2 39.7	2.485	3.470	4.2	21.3
5 11	13 56.29	− 2 27.4	2.521	3.467	6.9	21.4
5 21	13 50.00	− 2 25.5	2.582	3.463	9.6	21.6
5 31	13 45.21	− 2 34.9	2.666	3.459	11.9	21.7

228170 2009 SS_{205} 4 24.5 105°.25 0°.2/24.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.04	−14 33.4	1.862	2.710	13.4	21.7
4 1	14 27.66	−14 4.8	1.796	2.721	9.8	21.5
4 11	14 20.31	−13 26.1	1.754	2.732	5.8	21.3
4 21	14 11.77	−12 40.7	1.739	2.742	1.5	21.0
5 1	14 3.00	−11 53.4	1.751	2.752	2.9	21.1
5 11	13 55.01	−11 9.6	1.791	2.762	7.1	21.4
5 21	13 48.58	−10 34.1	1.856	2.772	10.9	21.6
5 31	13 44.26	−10 10.3	1.944	2.782	14.1	21.9

188416 2004 FU_{12} 4 24.5 0°.12 3°.0/26.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 29.16	−22 32.2	1.741	2.576	14.8	19.5
4 1	14 25.16	−22 26.1	1.664	2.574	11.4	19.3
4 11	14 19.02	−22 2.8	1.609	2.573	7.6	19.0
4 21	14 11.46	−21 23.6	1.578	2.573	4.0	18.8
5 1	14 3.53	−20 32.2	1.573	2.573	3.5	18.8
5 11	13 56.31	−19 34.7	1.595	2.574	7.0	19.0
5 21	13 50.69	−18 38.0	1.641	2.576	10.8	19.2
5 31	13 47.32	−17 48.4	1.710	2.578	14.3	19.4

43810 1991 RJ_{20} 4 24.5 227°.40 1°.7/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 34.17	−10 41.8	2.025	2.874	12.4	20.1
4 1	14 28.54	−10 1.1	1.936	2.863	9.1	19.8
4 11	14 20.92	− 9 12.5	1.871	2.850	5.4	19.6
4 21	14 11.97	− 8 19.9	1.835	2.837	1.9	19.3
5 1	14 2.59	− 7 28.5	1.827	2.823	3.8	19.4
5 11	13 53.77	− 6 43.7	1.847	2.808	7.8	19.6
5 21	13 46.34	− 6 9.8	1.892	2.793	11.5	19.8
5 31	13 40.93	− 5 50.1	1.960	2.777	14.8	20.0

331523 2000 QE_{202} 4 24.5 223°.17 4°.5/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.78	− 1 38.4	2.257	3.115	11.0	21.3
4 1	14 26.53	− 0 30.8	2.178	3.105	8.2	21.1
4 11	14 19.62	+ 0 37.6	2.124	3.094	5.6	20.9
4 21	14 11.62	+ 1 41.5	2.098	3.082	4.6	20.9
5 1	14 3.32	+ 2 35.1	2.101	3.070	6.2	20.9
5 11	13 55.53	+ 3 14.0	2.131	3.058	9.0	21.1
5 21	13 48.94	+ 3 35.6	2.186	3.044	11.9	21.2
5 31	13 44.09	+ 3 39.1	2.261	3.031	14.5	21.4

151021 2001 UU_{123} 4 24.5 109°.62 6°.5/18.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 32.75	+ 2 45.6	1.883	2.746	12.6	20.0
4 1	14 27.28	+ 4 5.5	1.837	2.761	9.7	19.9
4 11	14 20.01	+ 5 20.5	1.815	2.776	7.3	19.7
4 21	14 11.71	+ 6 23.6	1.819	2.790	6.6	19.7
5 1	14 3.30	+ 7 8.8	1.851	2.804	8.2	19.8
5 11	13 55.70	+ 7 32.4	1.908	2.818	10.8	20.0
5 21	13 49.61	+ 7 34.1	1.987	2.831	13.5	20.2
5 31	13 45.49	+ 7 14.9	2.086	2.844	15.9	20.4

202200 2004 XN_{81} 4 24.5 209°.84 2°.9/21.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.95	− 6 5.2	2.217	3.072	11.2	20.4
4 1	14 26.67	− 5 22.7	2.138	3.068	8.2	20.2
4 11	14 19.70	− 4 37.0	2.086	3.063	5.0	19.9
4 21	14 11.66	− 3 52.5	2.061	3.058	2.9	19.8
5 1	14 3.33	− 3 13.7	2.064	3.052	4.6	19.9
5 11	13 55.54	− 2 44.8	2.096	3.046	7.8	20.1
5 21	13 49.00	− 2 28.6	2.153	3.039	11.0	20.3
5 31	13 44.23	− 2 26.6	2.232	3.033	13.7	20.4

345407 2006 BR_{260} 4 24.5 296°.17 6°.1/ 4.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 30.62	−45 27.9	4.424	5.062	9.3	20.8
4 1	14 25.41	−46 7.6	4.324	5.056	8.3	20.7
4 11	14 18.87	−46 33.8	4.245	5.051	7.4	20.6
4 21	14 11.45	−46 44.9	4.189	5.045	6.6	20.5
5 1	14 3.69	−46 40.7	4.158	5.040	6.1	20.5
5 11	13 56.22	−46 22.2	4.153	5.034	6.2	20.5
5 21	13 49.57	−45 51.7	4.173	5.029	6.8	20.5
5 31	13 44.22	−45 12.5	4.217	5.023	7.7	20.6

363096 2000 SL_{301} 4 24.5 247°.92 2°.0/25.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 35.30	−19 44.7	1.683	2.519	15.1	20.9
4 1	14 29.92	−19 35.2	1.591	2.505	11.6	20.6
4 11	14 22.01	−19 9.7	1.522	2.492	7.4	20.3
4 21	14 12.34	−18 29.4	1.478	2.477	3.1	20.0
5 1	14 2.02	−17 38.0	1.461	2.463	3.3	20.0
5 11	13 52.35	−16 41.8	1.471	2.448	7.8	20.2
5 21	13 44.43	−15 48.1	1.505	2.432	12.2	20.5
5 31	13 39.04	−15 3.6	1.562	2.416	16.2	20.7

259276 2003 DN_{15} 4 24.5 348°.04 9°.3/17.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 30.31	+ 6 6.8	1.440	2.317	14.9	19.3
4 1	14 26.14	+ 7 32.8	1.385	2.312	11.9	19.2
4 11	14 19.64	+ 8 50.6	1.352	2.308	9.7	19.0
4 21	14 11.67	+ 9 50.5	1.342	2.304	9.4	19.0
5 1	14 3.37	+10 24.3	1.356	2.301	11.3	19.1
5 11	13 55.92	+10 28.0	1.391	2.299	14.2	19.2
5 21	13 50.27	+10 1.8	1.447	2.297	17.3	19.4
5 31	13 47.03	+ 9 8.8	1.519	2.296	20.1	19.6

372551 2009 TK_{36} 4 24.5 209°.36 1°.5/22.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.64	−12 11.6	2.194	3.042	11.6	22.0
4 1	14 26.50	−11 10.2	2.110	3.036	8.5	21.8
4 11	14 19.63	− 9 59.5	2.051	3.030	5.0	21.6
4 21	14 11.65	− 8 43.9	2.020	3.023	1.7	21.3
5 1	14 3.38	− 7 29.0	2.019	3.015	3.5	21.5
5 11	13 55.67	− 6 20.8	2.046	3.007	7.2	21.7
5 21	13 49.22	− 5 24.3	2.099	2.998	10.7	21.9
5 31	13 44.59	− 4 42.6	2.176	2.988	13.6	22.1

441848 2009 WN_{10} 4 24.5 105°.96 0°.4/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 26.31	−13 29.1	3.430	4.267	8.1	21.2
4 1	14 22.00	−12 51.5	3.362	4.282	5.9	21.1
4 11	14 16.71	−12 8.7	3.321	4.298	3.4	20.9
4 21	14 10.86	−11 22.9	3.309	4.313	0.9	20.7
5 1	14 4.91	−10 37.0	3.328	4.327	1.9	20.8
5 11	13 59.36	− 9 54.0	3.376	4.342	4.4	21.0
5 21	13 54.59	− 9 16.4	3.453	4.356	6.7	21.2
5 31	13 50.93	− 8 46.2	3.554	4.371	8.7	21.4

290220 2005 SG_{51} 4 24.5 48°.13 0°.5/24.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 31.26	−14 39.7	1.601	2.459	14.6	20.7
4 1	14 26.68	−13 57.1	1.534	2.465	10.8	20.5
4 11	14 19.89	−13 2.1	1.491	2.471	6.3	20.2
4 21	14 11.74	−11 59.1	1.473	2.477	1.6	19.9
5 1	14 3.29	−10 54.7	1.482	2.483	3.4	20.1
5 11	13 55.69	− 9 56.0	1.517	2.489	8.0	20.3
5 21	13 49.80	− 9 8.8	1.576	2.496	12.2	20.6
5 31	13 46.23	− 8 37.3	1.656	2.502	15.7	20.8

102875 1999 WB_{12} 4 24.5 260°.12 1°.9/23.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 34.16	−10 17.1	1.709	2.568	13.9	20.2
4 1	14 28.92	− 9 44.2	1.622	2.553	10.2	19.9
4 11	14 21.34	− 9 3.2	1.557	2.537	6.1	19.7
4 21	14 12.16	− 8 18.2	1.519	2.521	2.1	19.4
5 1	14 2.41	− 7 34.8	1.508	2.505	4.3	19.5
5 11	13 53.27	− 6 58.8	1.524	2.488	8.8	19.7
5 21	13 45.74	− 6 35.1	1.563	2.472	13.0	19.9
5 31	13 40.55	− 6 26.9	1.624	2.454	16.7	20.1

36477 2000 QC_{29} 4 24.5 169°.37 0°.8/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 29.89	−11 42.7	2.834	3.676	9.5	20.1
4 1	14 24.84	−11 12.4	2.756	3.679	6.9	19.9
4 11	14 18.49	−10 36.7	2.705	3.682	4.0	19.8
4 21	14 11.35	− 9 58.2	2.682	3.685	1.2	19.5
5 1	14 4.02	− 9 20.0	2.689	3.687	2.5	19.7
5 11	13 57.15	− 8 45.6	2.725	3.689	5.5	19.9
5 21	13 51.25	− 8 17.8	2.789	3.690	8.2	20.0
5 31	13 46.75	− 7 58.8	2.876	3.691	10.6	20.2

403332 2009 DG_{85} 4 24.5 183°.66 3°.9/21.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 34.22	− 5 52.1	1.720	2.583	13.6	21.5
4 1	14 28.71	− 4 47.8	1.651	2.584	10.0	21.3
4 11	14 21.06	− 3 39.0	1.606	2.584	6.2	21.1
4 21	14 12.05	− 2 32.2	1.588	2.583	3.9	20.9
5 1	14 2.73	− 1 34.3	1.597	2.582	6.0	21.0
5 11	13 54.18	− 0 51.4	1.633	2.581	9.7	21.3
5 21	13 47.27	− 0 27.0	1.692	2.579	13.4	21.5
5 31	13 42.61	− 0 22.3	1.772	2.576	16.6	21.7

185011 2006 PM_{38} 4 24.5 286°.62 0°.6/24.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.70	−16 0.0	1.519	2.373	15.5	20.8
4 1	14 29.01	−15 45.5	1.425	2.352	11.7	20.5
4 11	14 21.62	−15 17.2	1.354	2.331	7.2	20.2
4 21	14 12.29	−14 37.1	1.307	2.310	2.1	19.8
5 1	14 2.16	−13 49.8	1.286	2.288	3.4	19.9
5 11	13 52.64	−13 2.3	1.291	2.267	8.7	20.1
5 21	13 44.92	−12 21.4	1.319	2.246	13.6	20.3
5 31	13 39.87	−11 53.2	1.367	2.224	17.9	20.5

500222 2012 HD_{69} 4 24.5 229°.34 6°.4/18.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.37	+ 4 7.7	2.143	2.998	11.6	21.1
4 1	14 27.79	+ 5 11.0	2.068	2.987	9.1	21.0
4 11	14 20.42	+ 6 10.2	2.019	2.976	7.0	20.8
4 21	14 11.89	+ 6 59.1	1.996	2.963	6.4	20.8
5 1	14 3.02	+ 7 32.4	2.001	2.951	7.9	20.8
5 11	13 54.72	+ 7 46.2	2.032	2.937	10.5	20.9
5 21	13 47.71	+ 7 39.6	2.086	2.924	13.2	21.1
5 31	13 42.56	+ 7 13.3	2.160	2.909	15.7	21.2

423441 2005 SR_{3} 4 24.5 164°.53 0°.8/23.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.98	−12 17.9	2.310	3.151	11.4	23.1
4 1	14 28.07	−11 49.9	2.235	3.157	8.3	22.9
4 11	14 20.49	−11 14.9	2.185	3.162	4.9	22.7
4 21	14 11.89	−10 36.0	2.164	3.167	1.3	22.5
5 1	14 3.05	− 9 56.8	2.172	3.171	2.9	22.6
5 11	13 54.82	− 9 21.7	2.209	3.174	6.4	22.8
5 21	13 47.87	− 8 54.1	2.273	3.177	9.7	23.0
5 31	13 42.70	− 8 36.7	2.360	3.179	12.5	23.2

100675 Chuyanakahara 4 24.5 123°.96 1°.0/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 34.10	−18 46.7	2.206	3.033	12.4	19.8
4 1	14 28.17	−18 16.9	2.140	3.051	9.2	19.6
4 11	14 20.53	−17 35.0	2.098	3.068	5.7	19.4
4 21	14 11.89	−16 43.8	2.084	3.085	2.0	19.2
5 1	14 3.11	−15 47.2	2.099	3.101	2.4	19.2
5 11	13 55.05	−14 50.6	2.144	3.117	6.0	19.5
5 21	13 48.41	−13 58.9	2.215	3.132	9.3	19.7
5 31	13 43.66	−13 16.3	2.310	3.146	12.2	19.9

387017 2012 RM_{33} 4 24.5 179°.60 0°.9/23.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.09	−12 43.6	2.162	3.011	11.8	21.5
4 1	14 26.09	−12 2.9	2.085	3.011	8.6	21.3
4 11	14 19.39	−11 14.0	2.033	3.012	5.0	21.1
4 21	14 11.61	−10 20.3	2.009	3.012	1.4	20.8
5 1	14 3.58	− 9 26.7	2.013	3.012	3.1	20.9
5 11	13 56.14	− 8 38.1	2.045	3.012	6.8	21.2
5 21	13 49.98	− 7 58.7	2.104	3.011	10.2	21.4
5 31	13 45.64	− 7 31.6	2.185	3.010	13.2	21.6

128014 2003 JR_{10} 4 24.5 61°.09 4°.2/21.8 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 34.13	− 6 27.0	1.272	2.150	16.4	19.5
4 1	14 29.10	− 5 30.8	1.219	2.159	12.0	19.2
4 11	14 21.44	− 4 30.0	1.188	2.169	7.3	19.0
4 21	14 12.17	− 3 32.0	1.181	2.179	4.3	18.8
5 1	14 2.63	− 2 45.2	1.199	2.189	6.6	19.0
5 11	13 54.21	− 2 16.0	1.241	2.199	11.1	19.3
5 21	13 47.92	− 2 7.6	1.304	2.210	15.3	19.5
5 31	13 44.38	− 2 20.4	1.386	2.220	18.9	19.8

470791 2008 UP_{324} 4 24.5 256°.46 2°.8/27.2 17

3 22	14 32.55	−24 30.0	2.321	3.126	12.5	22.0
4 1	14 27.37	−24 7.5	2.211	3.104	9.8	21.8
4 11	14 20.29	−23 28.5	2.126	3.082	6.7	21.6
4 21	14 11.89	−22 33.6	2.067	3.058	3.7	21.4
5 1	14 3.02	−21 25.7	2.037	3.035	3.2	21.3
5 11	13 54.59	−20 10.0	2.035	3.010	6.1	21.4
5 21	13 47.43	−18 52.9	2.061	2.985	9.5	21.6
5 31	13 42.16	−17 40.7	2.112	2.960	12.8	21.7

423285 2005 BM_{18} 4 24.5 140°.44 2°.8/22.0 17

3 22	14 31.22	− 7 7.7	2.022	2.882	12.0	21.6
4 1	14 26.24	− 6 22.4	1.953	2.885	8.7	21.3
4 11	14 19.49	− 5 33.1	1.909	2.888	5.3	21.1
4 21	14 11.65	− 4 44.5	1.892	2.890	2.8	21.0
5 1	14 3.56	− 4 1.6	1.902	2.892	4.6	21.1
5 11	13 56.11	− 3 29.0	1.940	2.895	8.0	21.3
5 21	13 50.02	− 3 9.8	2.003	2.897	11.3	21.5
5 31	13 45.81	− 3 5.5	2.087	2.899	14.2	21.7

422121 2014 QH_{418} 4 24.5 129°.38 0°.5/24.9 16

3 22	14 34.39	−17 16.8	1.723	2.566	14.5	21.6
4 1	14 28.85	−16 38.7	1.655	2.576	10.8	21.4
4 11	14 21.14	−15 46.5	1.611	2.586	6.5	21.2
4 21	14 12.09	−14 43.9	1.593	2.595	1.9	20.9
5 1	14 2.80	−13 36.5	1.602	2.604	2.9	21.0
5 11	13 54.37	−12 31.6	1.639	2.613	7.4	21.3
5 21	13 47.68	−11 35.3	1.701	2.621	11.5	21.6
5 31	13 43.28	−10 52.6	1.785	2.629	14.9	21.8

24126 Gudjonson 4 24.5 164°.86 2°.4/26.7 18

3 22	14 32.33	−22 23.8	2.148	2.966	12.9	19.1
4 1	14 27.12	−22 9.3	2.067	2.969	10.0	18.9
4 11	14 20.06	−21 40.2	2.009	2.971	6.6	18.7
4 21	14 11.82	−20 57.7	1.978	2.973	3.3	18.5
5 1	14 3.27	−20 5.2	1.975	2.975	3.0	18.4
5 11	13 55.37	−19 7.8	2.000	2.976	6.1	18.6
5 21	13 48.86	−18 11.3	2.052	2.978	9.5	18.9
5 31	13 44.30	−17 20.9	2.127	2.979	12.6	19.1

287705 2003 QC_{53} 4 24.5 255°.75 1°.6/23.3 17

3 22	14 35.49	−10 56.6	1.765	2.619	13.7	21.4
4 1	14 29.93	−10 24.8	1.670	2.599	10.2	21.1
4 11	14 22.00	− 9 44.3	1.599	2.578	6.0	20.8
4 21	14 12.39	− 8 58.6	1.555	2.557	2.0	20.5
5 1	14 2.14	− 8 13.2	1.538	2.536	4.1	20.6
5 11	13 52.43	− 7 34.0	1.548	2.513	8.7	20.8
5 21	13 44.29	− 7 6.2	1.583	2.490	13.0	21.0
5 31	13 38.49	− 6 53.2	1.639	2.466	16.7	21.2

507524 2012 VT_{90} 4 24.5 148°.20 1°.0/25.6 17

3 22	14 29.99	−19 22.5	2.507	3.332	11.1	21.5
4 1	14 25.10	−18 47.2	2.428	3.338	8.3	21.3
4 11	14 18.73	−18 0.4	2.374	3.343	5.2	21.1
4 21	14 11.46	−17 4.4	2.348	3.349	1.9	20.9
5 1	14 3.99	−16 3.1	2.351	3.354	2.2	20.9
5 11	13 57.06	−15 1.3	2.384	3.358	5.4	21.2
5 21	13 51.29	−14 3.6	2.444	3.363	8.5	21.4
5 31	13 47.12	−13 14.1	2.528	3.367	11.2	21.5

480765 2016 NZ_{53} 4 24.5 255°.89 5°.8/30.7 18

3 22	14 31.40	−33 53.6	2.490	3.246	13.1	21.0
4 1	14 26.48	−34 2.8	2.394	3.239	11.0	20.8
4 11	14 19.73	−33 53.0	2.320	3.232	8.7	20.7
4 21	14 11.75	−33 23.3	2.271	3.225	6.7	20.5
5 1	14 3.41	−32 34.6	2.248	3.219	5.8	20.5
5 11	13 55.60	−31 30.9	2.253	3.212	6.8	20.5
5 21	13 49.11	−30 17.9	2.284	3.204	8.9	20.6
5 31	13 44.52	−29 2.2	2.340	3.197	11.3	20.8

18607 1998 BT_{33} 4 24.5 180°.62 2°.7/22.4 18

3 22	14 36.02	− 7 31.2	1.841	2.697	13.2	18.4
4 1	14 29.95	− 6 53.9	1.769	2.698	9.7	18.2
4 11	14 21.78	− 6 12.1	1.721	2.699	5.8	18.0
4 21	14 12.29	− 5 30.3	1.700	2.699	2.8	17.8
5 1	14 2.46	− 4 53.7	1.707	2.699	4.7	17.9
5 11	13 53.37	− 4 27.2	1.741	2.698	8.6	18.1
5 21	13 45.87	− 4 14.0	1.800	2.696	12.3	18.4
5 31	13 40.58	− 4 15.9	1.881	2.693	15.5	18.6

106972 2000 YN_{90} 4 24.5 185°.31 1°.5/23.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 35.10	−11 7.5	2.015	2.863	12.5	20.9
4 1	14 29.15	−10 25.9	1.938	2.863	9.2	20.6
4 11	14 21.26	− 9 36.5	1.885	2.863	5.4	20.4
4 21	14 12.15	− 8 43.3	1.859	2.862	1.8	20.2
5 1	14 2.72	− 7 51.5	1.863	2.860	3.7	20.3
5 11	13 53.95	− 7 6.4	1.895	2.857	7.6	20.5
5 21	13 46.64	− 6 32.2	1.953	2.854	11.2	20.7
5 31	13 41.37	− 6 11.7	2.033	2.849	14.3	20.9

510483 2011 WT_{120} 4 24.5 254°.03 5°.5/30.6 18

3 22	14 31.06	−33 27.5	2.517	3.276	12.9	21.3
4 1	14 26.20	−33 32.4	2.421	3.269	10.8	21.2
4 11	14 19.54	−33 18.6	2.348	3.262	8.5	21.0
4 21	14 11.70	−32 45.2	2.298	3.256	6.4	20.9
5 1	14 3.51	−31 53.6	2.276	3.249	5.5	20.8
5 11	13 55.86	−30 47.6	2.282	3.242	6.6	20.8
5 21	13 49.49	−29 33.1	2.313	3.235	8.8	21.0
5 31	13 44.98	−28 16.5	2.370	3.228	11.2	21.1

389113 2008 YT_{90} 4 24.5 155°.99 3°.3/21.3 17

3 22	14 31.42	− 4 12.4	2.320	3.176	10.8	21.6
4 1	14 26.16	− 3 28.4	2.252	3.181	7.9	21.4
4 11	14 19.37	− 2 43.1	2.210	3.185	5.0	21.3
4 21	14 11.63	− 2 1.0	2.196	3.189	3.3	21.2
5 1	14 3.69	− 1 26.1	2.211	3.193	4.8	21.3
5 11	13 56.33	− 1 2.3	2.253	3.196	7.7	21.4
5 21	13 50.17	− 0 51.5	2.321	3.199	10.6	21.6
5 31	13 45.67	− 0 54.7	2.410	3.202	13.1	21.8

260651 2005 GM_{151} 4 24.5 333°.64 2°.5/23.0 17

3 22	14 30.61	− 9 37.8	1.230	2.111	16.6	20.0
4 1	14 26.96	− 9 9.7	1.156	2.098	12.2	19.7
4 11	14 20.48	− 8 32.9	1.102	2.086	7.3	19.3
4 21	14 12.02	− 7 52.6	1.072	2.074	2.7	19.0
5 1	14 2.89	− 7 16.0	1.065	2.063	5.3	19.1
5 11	13 54.60	− 6 50.4	1.082	2.054	10.6	19.4
5 21	13 48.35	− 6 41.0	1.120	2.045	15.6	19.7
5 31	13 45.01	− 6 50.6	1.175	2.037	19.9	19.9

91372 1999 JO_{96} 4 24.5 350°.50 3°.2/21.9 17

3 22	14 25.29	−11 19.6	1.258	2.144	16.0	19.1
4 1	14 22.82	− 9 50.0	1.190	2.136	11.6	18.8
4 11	14 17.88	− 8 5.3	1.144	2.129	6.8	18.5
4 21	14 11.30	− 6 14.6	1.122	2.123	3.2	18.3
5 1	14 4.29	− 4 29.4	1.124	2.119	6.0	18.5
5 11	13 58.14	− 3 1.0	1.150	2.115	11.0	18.7
5 21	13 53.86	− 1 56.9	1.198	2.113	15.6	19.0
5 31	13 52.12	− 1 20.7	1.263	2.113	19.5	19.2

264732 2002 CB_{104} 4 24.5 32°.33 4°.9/27.6 18

3 22	14 34.45	−23 58.0	1.386	2.222	17.8	19.4
4 1	14 29.49	−24 34.8	1.330	2.237	14.0	19.2
4 11	14 21.78	−24 51.9	1.293	2.252	9.8	19.0
4 21	14 12.31	−24 48.4	1.279	2.268	6.0	18.8
5 1	14 2.48	−24 26.5	1.290	2.285	5.2	18.8
5 11	13 53.74	−23 52.5	1.325	2.303	8.3	19.0
5 21	13 47.17	−23 14.0	1.384	2.322	12.2	19.3
5 31	13 43.47	−22 38.4	1.464	2.341	15.8	19.5

102186 1999 RC_{251} 4 24.5 122°.38 0°.4/24.8 18

3 22	14 35.90	−16 9.4	1.776	2.618	14.2	21.4
4 1	14 29.88	−15 45.6	1.712	2.632	10.5	21.2
4 11	14 21.72	−15 10.1	1.671	2.646	6.3	21.0
4 21	14 12.26	−14 25.6	1.656	2.659	1.8	20.7
5 1	14 2.59	−13 37.1	1.670	2.672	2.9	20.8
5 11	13 53.79	−12 50.5	1.711	2.684	7.2	21.1
5 21	13 46.71	−12 11.1	1.777	2.695	11.2	21.4
5 31	13 41.91	−11 42.9	1.865	2.706	14.5	21.6

418988 2009 KT_{14} 4 24.5 312°.97 3°.9/17.6 18

3 22	14 22.94	+ 4 41.0	4.023	4.875	6.7	20.8
4 1	14 19.52	+ 5 33.1	3.954	4.870	5.2	20.7
4 11	14 15.28	+ 6 22.3	3.912	4.864	4.1	20.6
4 21	14 10.56	+ 7 5.7	3.898	4.858	3.9	20.5
5 1	14 5.71	+ 7 40.6	3.913	4.852	4.8	20.6
5 11	14 1.12	+ 8 5.2	3.955	4.847	6.2	20.7
5 21	13 57.13	+ 8 18.4	4.023	4.841	7.7	20.8
5 31	13 54.01	+ 8 19.9	4.112	4.836	9.1	20.9

295890 2008 WW_{71} 4 24.5 329°.02 1°.6/25.9 17

3 22	14 28.31	−21 22.9	1.648	2.491	15.1	20.1
4 1	14 24.69	−20 33.0	1.563	2.482	11.5	19.8
4 11	14 18.86	−19 22.5	1.501	2.472	7.3	19.6
4 21	14 11.56	−17 54.6	1.464	2.464	2.9	19.3
5 1	14 3.84	−16 15.9	1.453	2.456	3.0	19.3
5 11	13 56.84	−14 35.5	1.469	2.448	7.5	19.5
5 21	13 51.47	−13 2.5	1.510	2.441	11.8	19.8
5 31	13 48.39	−11 44.2	1.572	2.434	15.7	20.0

398058 2009 HR_{25} 4 24.5 110°.72 0°.8/23.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 29.54	−13 30.0	2.459	3.303	10.7	21.3
4 1	14 24.71	−12 38.8	2.392	3.316	7.8	21.1
4 11	14 18.47	−11 39.8	2.352	3.330	4.5	21.0
4 21	14 11.40	−10 36.6	2.339	3.343	1.2	20.7
5 1	14 4.21	− 9 33.9	2.357	3.355	2.7	20.9
5 11	13 57.58	− 8 36.3	2.403	3.368	6.0	21.1
5 21	13 52.10	− 7 47.7	2.475	3.380	9.0	21.3
5 31	13 48.18	− 7 10.8	2.572	3.392	11.6	21.5

6112 Ludolfschultz 4 24.5 264°.75 0°.5/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 29.05	−14 52.8	2.596	3.435	10.3	18.1
4 1	14 24.51	−14 0.5	2.493	3.414	7.6	17.9
4 11	14 18.47	−12 58.1	2.416	3.392	4.5	17.7
4 21	14 11.44	−11 48.6	2.367	3.370	1.1	17.4
5 1	14 4.07	−10 36.5	2.348	3.348	2.5	17.5
5 11	13 57.09	− 9 26.8	2.358	3.325	6.0	17.6
5 21	13 51.11	− 8 24.2	2.396	3.302	9.2	17.8
5 31	13 46.65	− 7 32.6	2.457	3.278	12.0	18.0

25642 Adiseshan 4 24.5 24°.13 3°.0/22.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 32.01	− 5 49.3	1.977	2.838	12.2	18.8
4 1	14 26.89	− 5 16.0	1.907	2.838	8.9	18.6
4 11	14 19.93	− 4 40.3	1.860	2.838	5.5	18.4
4 21	14 11.82	− 4 6.4	1.841	2.838	3.1	18.2
5 1	14 3.42	− 3 39.0	1.849	2.839	4.8	18.3
5 11	13 55.66	− 3 22.1	1.885	2.839	8.2	18.5
5 21	13 49.30	− 3 18.1	1.945	2.839	11.6	18.7
5 31	13 44.87	− 3 28.2	2.026	2.839	14.5	18.9

175619 2006 WO_{53} 4 24.5 70°.47 7°.7/17.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.42	+ 2 24.6	1.546	2.420	14.2	19.6
4 1	14 26.65	+ 4 12.0	1.505	2.435	10.9	19.4
4 11	14 19.80	+ 5 54.2	1.488	2.450	8.4	19.3
4 21	14 11.77	+ 7 21.5	1.496	2.465	7.9	19.3
5 1	14 3.62	+ 8 25.8	1.529	2.481	9.7	19.4
5 11	13 56.41	+ 9 2.5	1.586	2.496	12.7	19.6
5 21	13 50.93	+ 9 11.0	1.664	2.511	15.6	19.9
5 31	13 47.67	+ 8 53.8	1.760	2.526	18.1	20.1

1078 Mentha 4 24.5 58°.85 5°.7/21.3 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 36.15	− 2 27.4	1.219	2.098	16.9	14.7
4 1	14 30.58	− 1 39.7	1.174	2.113	12.5	14.5
4 11	14 22.32	− 0 53.4	1.150	2.128	8.1	14.3
4 21	14 12.44	− 0 16.1	1.150	2.143	5.7	14.2
5 1	14 2.40	+ 0 5.0	1.174	2.158	7.8	14.4
5 11	13 53.61	+ 0 5.6	1.222	2.174	11.9	14.6
5 21	13 47.08	− 0 15.1	1.291	2.189	15.9	14.9
5 31	13 43.38	− 0 55.7	1.378	2.205	19.4	15.2

187657 2007 ER_{148} 4 24.5 318°.37 2°.0/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 22.96	− 3 53.2	4.278	5.130	6.3	20.6
4 1	14 19.49	− 3 18.2	4.201	5.129	4.6	20.5
4 11	14 15.26	− 2 42.8	4.153	5.127	2.9	20.3
4 21	14 10.57	− 2 9.1	4.133	5.125	2.0	20.3
5 1	14 5.77	− 1 39.3	4.144	5.124	2.9	20.3
5 11	14 1.22	− 1 15.4	4.183	5.122	4.6	20.5
5 21	13 57.23	− 0 58.7	4.249	5.120	6.3	20.6
5 31	13 54.06	− 0 50.1	4.340	5.119	7.9	20.7

8165 Gnädig 4 24.5 312°.62 7°.0/20.2 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 32.16	− 1 9.4	1.205	2.091	16.5	16.4
4 1	14 28.28	− 0 9.7	1.126	2.067	12.6	16.1
4 11	14 21.41	+ 0 51.2	1.067	2.043	8.8	15.8
4 21	14 12.34	+ 1 44.0	1.030	2.020	7.0	15.6
5 1	14 2.40	+ 2 19.0	1.017	1.997	9.5	15.7
5 11	13 53.17	+ 2 28.4	1.026	1.974	14.0	15.8
5 21	13 46.01	+ 2 9.2	1.054	1.953	18.6	16.0
5 31	13 41.86	+ 1 22.0	1.098	1.932	22.8	16.2

294536 2007 XM_{51} 4 24.5 83°.13 3°.5/27.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.98	−23 50.8	1.553	2.383	16.5	20.6
4 1	14 28.95	−23 41.8	1.483	2.389	12.8	20.4
4 11	14 21.41	−23 12.4	1.433	2.395	8.7	20.2
4 21	14 12.25	−22 23.6	1.408	2.402	4.7	19.9
5 1	14 2.71	−21 19.7	1.409	2.408	4.0	19.9
5 11	13 54.10	−20 8.6	1.435	2.414	7.7	20.1
5 21	13 47.45	−18 58.6	1.487	2.421	11.8	20.4
5 31	13 43.41	−17 57.4	1.559	2.427	15.5	20.6

436362 2010 KW_{32} 4 24.5 264°.59 5°.1/18.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 27.83	+ 0 32.4	2.384	3.246	10.3	20.7
4 1	14 23.60	+ 1 54.3	2.311	3.238	7.8	20.5
4 11	14 17.91	+ 3 15.6	2.265	3.230	5.7	20.4
4 21	14 11.30	+ 4 30.4	2.246	3.221	5.2	20.3
5 1	14 4.44	+ 5 33.2	2.255	3.213	6.7	20.4
5 11	13 58.05	+ 6 19.6	2.291	3.204	9.2	20.5
5 21	13 52.74	+ 6 47.3	2.351	3.195	11.7	20.7
5 31	13 48.96	+ 6 55.9	2.432	3.187	14.0	20.8

7753 1988 XB 4 24.5 266°.32 2°.6/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 51.49	−11 57.6	1.078	1.933	20.4	21.2
4 1	14 44.45	−11 12.8	0.964	1.892	15.8	20.8
4 11	14 32.37	−10 7.1	0.869	1.848	9.8	20.3
4 21	14 15.61	− 8 42.6	0.797	1.800	3.2	19.7
5 1	13 55.72	− 7 7.4	0.751	1.749	7.0	19.7
5 11	13 35.37	− 5 35.6	0.730	1.695	15.5	19.9
5 21	13 17.32	− 4 22.4	0.731	1.637	23.8	20.1
5 31	13 3.70	− 3 38.7	0.747	1.576	31.2	20.3

459049 2012 AW_{17} 4 24.5 39°.01 2°.6/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 32.33	− 9 55.9	1.268	2.146	16.5	20.6
4 1	14 27.82	− 9 11.5	1.217	2.157	12.0	20.3
4 11	14 20.73	− 8 18.8	1.186	2.169	7.0	20.1
4 21	14 12.06	− 7 24.2	1.179	2.181	2.8	19.8
5 1	14 3.15	− 6 35.3	1.197	2.194	5.2	20.0
5 11	13 55.33	− 5 59.2	1.240	2.208	10.0	20.3
5 21	13 49.60	− 5 40.2	1.304	2.222	14.4	20.6
5 31	13 46.56	− 5 40.2	1.387	2.237	18.1	20.9

312833 2011 TO_{9} 4 24.5 249°.42 3°.7/28.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 30.59	−27 7.5	2.392	3.187	12.5	20.8
4 1	14 25.84	−26 55.6	2.297	3.179	10.0	20.6
4 11	14 19.34	−26 27.2	2.225	3.171	7.1	20.4
4 21	14 11.70	−25 42.6	2.180	3.163	4.5	20.2
5 1	14 3.71	−24 44.3	2.162	3.155	3.8	20.1
5 11	13 56.25	−23 37.1	2.173	3.146	5.9	20.2
5 21	13 50.04	−22 26.7	2.210	3.138	8.8	20.4
5 31	13 45.64	−21 19.1	2.272	3.129	11.7	20.6

165201 2000 RW_{57} 4 24.5 111°.31 1°.3/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 37.22	−18 45.3	1.750	2.584	14.8	20.9
4 1	14 30.83	−18 20.8	1.691	2.605	11.0	20.7
4 11	14 22.27	−17 41.8	1.655	2.626	6.8	20.5
4 21	14 12.44	−16 51.4	1.645	2.646	2.4	20.3
5 1	14 2.46	−15 54.4	1.663	2.665	2.8	20.3
5 11	13 53.46	−14 57.4	1.709	2.684	7.1	20.6
5 21	13 46.28	−14 6.6	1.781	2.702	11.0	20.9
5 31	13 41.46	−13 26.6	1.875	2.719	14.3	21.1

134884 2000 RY_{79} 4 24.5 176°.39 1°.7/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 28.68	−10 13.4	2.789	3.636	9.5	19.9
4 1	14 24.00	− 9 11.1	2.711	3.638	6.8	19.7
4 11	14 18.05	− 8 3.0	2.661	3.639	4.0	19.5
4 21	14 11.33	− 6 53.1	2.639	3.640	1.7	19.3
5 1	14 4.44	− 5 45.7	2.648	3.641	3.2	19.4
5 11	13 58.00	− 4 45.1	2.687	3.641	6.1	19.6
5 21	13 52.53	− 3 54.7	2.752	3.641	8.8	19.8
5 31	13 48.43	− 3 16.8	2.841	3.640	11.1	20.0

126692 2002 CK_{227} 4 24.5 177°.85 0°.2/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 32.75	−16 11.9	2.392	3.225	11.3	20.8
4 1	14 27.21	−15 36.0	2.311	3.227	8.4	20.6
4 11	14 20.04	−14 50.1	2.255	3.228	5.0	20.4
4 21	14 11.87	−13 56.9	2.227	3.229	1.4	20.2
5 1	14 3.45	−13 0.4	2.228	3.230	2.4	20.2
5 11	13 55.59	−12 5.4	2.259	3.229	6.0	20.5
5 21	13 48.96	−11 16.4	2.317	3.228	9.2	20.7
5 31	13 44.06	−10 37.1	2.399	3.227	12.1	20.9

286923 2002 PW_{105} 4 24.5 238°.44 0°.2/24.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.00	−15 42.5	1.820	2.667	13.7	21.4
4 1	14 27.96	−14 58.2	1.732	2.656	10.2	21.2
4 11	14 20.76	−14 0.4	1.668	2.645	6.1	20.9
4 21	14 12.11	−12 52.7	1.630	2.633	1.6	20.6
5 1	14 2.99	−11 40.8	1.620	2.621	3.1	20.7
5 11	13 54.52	−10 31.8	1.638	2.609	7.7	20.9
5 21	13 47.58	− 9 32.1	1.680	2.596	11.8	21.1
5 31	13 42.86	− 8 46.9	1.745	2.583	15.5	21.3

228346 2000 SG_{184} 4 24.5 242°.24 4°.6/28.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 34.14	−29 14.0	2.274	3.056	13.4	21.1
4 1	14 28.67	−29 9.5	2.168	3.040	10.9	20.9
4 11	14 21.14	−28 46.2	2.086	3.023	8.1	20.7
4 21	14 12.21	−28 3.5	2.028	3.005	5.5	20.5
5 1	14 2.78	−27 3.0	1.999	2.987	4.7	20.4
5 11	13 53.86	−25 49.7	1.998	2.968	6.6	20.5
5 21	13 46.33	−24 30.0	2.024	2.949	9.7	20.6
5 31	13 40.86	−23 11.4	2.074	2.928	12.7	20.8

507510 2012 VS_{20} 4 24.5 195°.55 0°.3/24.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.89	−15 21.6	2.210	3.049	11.9	22.0
4 1	14 26.74	−15 5.6	2.129	3.049	8.8	21.8
4 11	14 19.85	−14 40.5	2.073	3.047	5.3	21.5
4 21	14 11.84	−14 8.5	2.043	3.046	1.5	21.3
5 1	14 3.53	−13 33.2	2.043	3.045	2.5	21.3
5 11	13 55.78	−12 58.7	2.071	3.043	6.2	21.6
5 21	13 49.31	−12 29.2	2.125	3.042	9.7	21.8
5 31	13 44.66	−12 8.0	2.202	3.040	12.7	22.0

213617 2002 QU_{14} 4 24.5 314°.07 4°.8/20.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 28.51	− 7 20.5	1.302	2.187	15.6	20.1
4 1	14 25.33	− 5 53.7	1.221	2.165	11.6	19.8
4 11	14 19.52	− 4 15.4	1.162	2.144	7.2	19.5
4 21	14 11.84	− 2 34.3	1.127	2.123	4.8	19.3
5 1	14 3.49	− 1 1.8	1.116	2.103	7.5	19.4
5 11	13 55.84	+ 0 11.3	1.128	2.084	12.3	19.6
5 21	13 50.04	+ 0 58.2	1.162	2.065	17.0	19.8
5 31	13 46.94	+ 1 16.0	1.212	2.046	21.1	20.0

142913 2002 VN_{55} 4 24.5 97°.42 0°.3/24.3 18 R

3 22	14 33.90	−15 3.3	1.726	2.575	14.2	20.1
4 1	14 28.43	−14 23.8	1.666	2.591	10.4	19.9
4 11	14 20.88	−13 32.8	1.629	2.607	6.1	19.7
4 21	14 12.11	−12 34.4	1.619	2.622	1.6	19.4
5 1	14 3.15	−11 34.4	1.636	2.637	3.1	19.6
5 11	13 55.08	−10 39.3	1.681	2.652	7.5	19.9
5 21	13 48.71	− 9 54.3	1.750	2.667	11.4	20.1
5 31	13 44.57	− 9 23.3	1.841	2.681	14.7	20.4

125466 2001 WE_{10} 4 24.5 236°.84 3°.3/21.4 18

3 22	14 33.06	− 5 33.4	2.183	3.037	11.4	20.6
4 1	14 27.65	− 4 40.1	2.094	3.022	8.4	20.4
4 11	14 20.44	− 3 43.0	2.031	3.007	5.3	20.2
4 21	14 12.03	− 2 46.8	1.995	2.990	3.3	20.0
5 1	14 3.22	− 1 56.8	1.989	2.973	5.1	20.1
5 11	13 54.89	− 1 17.9	2.010	2.955	8.4	20.2
5 21	13 47.82	− 0 53.5	2.056	2.937	11.7	20.4
5 31	13 42.57	− 0 45.2	2.125	2.918	14.6	20.6

12082 1998 FS_{118} 4 24.5 296°.47 5°.1/27.4 18 R

3 22	14 36.93	−24 47.3	1.813	2.625	15.2	18.2
4 1	14 31.47	−25 33.7	1.702	2.594	12.3	18.0
4 11	14 23.26	−26 6.1	1.612	2.563	9.0	17.7
4 21	14 12.89	−26 21.8	1.547	2.531	5.9	17.4
5 1	14 1.45	−26 19.6	1.509	2.499	5.4	17.3
5 11	13 50.29	−26 2.2	1.497	2.468	8.3	17.4
5 21	13 40.71	−25 34.8	1.509	2.436	12.2	17.6
5 31	13 33.72	−25 4.7	1.544	2.404	16.0	17.7

494703 2004 XN_{62} 4 24.5 217°.62 10°.5/13.7 17

3 22	14 38.15	+18 4.3	2.194	3.011	12.8	21.9
4 1	14 31.34	+19 29.5	2.133	2.999	11.3	21.7
4 11	14 22.58	+20 40.0	2.095	2.986	10.5	21.6
4 21	14 12.58	+21 28.5	2.083	2.973	10.8	21.6
5 1	14 2.25	+21 49.3	2.096	2.958	12.0	21.7
5 11	13 52.59	+21 40.5	2.131	2.942	13.8	21.8
5 21	13 44.37	+21 3.5	2.188	2.925	15.8	21.9
5 31	13 38.20	+20 1.8	2.261	2.907	17.5	22.0

198023 2004 RC_{225} 4 24.5 290°.31 4°.8/27.5 18

3 22	14 35.35	−24 48.1	1.763	2.579	15.4	20.4
4 1	14 30.16	−25 22.4	1.665	2.560	12.4	20.2
4 11	14 22.35	−25 40.8	1.588	2.541	8.9	19.9
4 21	14 12.62	−25 41.2	1.536	2.522	5.7	19.7
5 1	14 2.07	−25 24.1	1.510	2.503	5.1	19.6
5 11	13 52.03	−24 53.2	1.510	2.484	8.0	19.7
5 21	13 43.67	−24 14.7	1.535	2.465	11.8	19.9
5 31	13 37.89	−23 36.0	1.582	2.446	15.5	20.1

82443 2001 OV_{8} 4 24.5 294°.29 3°.1/26.8 18

3 22	14 31.89	−22 48.5	1.598	2.433	15.9	18.9
4 1	14 27.66	−22 36.5	1.502	2.413	12.4	18.6
4 11	14 20.87	−22 4.4	1.427	2.392	8.4	18.3
4 21	14 12.22	−21 12.6	1.376	2.372	4.3	18.1
5 1	14 2.85	−20 4.9	1.351	2.351	3.8	18.0
5 11	13 54.09	−18 48.6	1.351	2.331	7.9	18.2
5 21	13 47.08	−17 32.4	1.376	2.311	12.5	18.4
5 31	13 42.67	−16 24.9	1.422	2.291	16.6	18.6

48808 1997 VK_{3} 4 24.5 77°.77 0°.7/23.9 18

3 22	14 31.55	−13 14.8	2.086	2.934	12.1	19.1
4 1	14 26.38	−12 39.2	2.029	2.954	8.8	18.9
4 11	14 19.55	−11 55.7	1.996	2.974	5.1	18.7
4 21	14 11.76	−11 7.9	1.990	2.994	1.3	18.5
5 1	14 3.85	−10 20.4	2.013	3.013	2.9	18.6
5 11	13 56.67	− 9 37.8	2.064	3.033	6.6	18.9
5 21	13 50.86	− 9 4.1	2.141	3.052	9.9	19.1
5 31	13 46.88	− 8 41.9	2.240	3.071	12.7	19.3

297467 2000 SQ_{330} 4 24.5 192°.23 0°.3/24.2 17

3 22	14 30.71	−13 31.2	2.651	3.489	10.2	21.5
4 1	14 25.62	−13 11.6	2.568	3.488	7.5	21.3
4 11	14 19.09	−12 45.3	2.510	3.486	4.4	21.1
4 21	14 11.66	−12 14.6	2.481	3.485	1.1	20.8
5 1	14 3.98	−11 42.5	2.482	3.482	2.3	20.9
5 11	13 56.76	−11 12.4	2.511	3.480	5.5	21.2
5 21	13 50.59	−10 47.5	2.568	3.477	8.5	21.3
5 31	13 45.92	−10 30.4	2.648	3.474	11.1	21.5

256743 2008 BL_{22} 4 24.5 355°.07 0°.8/23.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 30.44	−13 37.0	1.295	2.168	16.5	20.2
4 1	14 26.66	−13 6.3	1.227	2.164	12.2	20.0
4 11	14 20.22	−12 22.5	1.180	2.162	7.2	19.7
4 21	14 12.02	−11 30.2	1.156	2.160	1.9	19.3
5 1	14 3.33	−10 36.4	1.157	2.159	4.0	19.5
5 11	13 55.55	− 9 49.2	1.182	2.158	9.3	19.8
5 21	13 49.77	− 9 14.9	1.229	2.159	14.1	20.0
5 31	13 46.72	− 8 57.9	1.296	2.160	18.2	20.3

137387 1999 TB_{156} 4 24.5 193°.15 0°.1/24.6 18

3 22	14 35.40	−15 11.7	1.998	2.837	13.0	20.7
4 1	14 29.50	−14 48.5	1.916	2.836	9.6	20.5
4 11	14 21.58	−14 15.0	1.858	2.833	5.8	20.3
4 21	14 12.34	−13 33.6	1.827	2.830	1.6	20.0
5 1	14 2.73	−12 48.5	1.825	2.827	2.8	20.1
5 11	13 53.77	−12 5.0	1.851	2.822	7.0	20.3
5 21	13 46.29	−11 28.0	1.903	2.817	10.8	20.5
5 31	13 40.91	−11 1.3	1.978	2.812	14.1	20.7

107518 2001 DN_{56} 4 24.5 151°.82 0°.3/24.8 18

3 22	14 35.94	−15 57.3	1.903	2.742	13.5	20.7
4 1	14 29.88	−15 33.9	1.831	2.750	10.0	20.5
4 11	14 21.77	−14 59.3	1.783	2.758	6.0	20.2
4 21	14 12.38	−14 16.2	1.762	2.765	1.7	20.0
5 1	14 2.71	−13 29.1	1.770	2.772	2.8	20.0
5 11	13 53.81	−12 43.4	1.805	2.778	7.0	20.3
5 21	13 46.51	−12 4.3	1.867	2.783	10.8	20.6
5 31	13 41.40	−11 35.8	1.951	2.787	14.1	20.8

85596 1998 FU_{77} 4 24.5 5°.89 3°.9/20.8 17

3 22	14 28.05	− 5 5.3	1.880	2.750	12.2	19.0
4 1	14 24.08	− 3 59.2	1.814	2.750	9.0	18.8
4 11	14 18.33	− 2 50.0	1.773	2.751	5.7	18.6
4 21	14 11.47	− 1 43.7	1.759	2.752	3.9	18.5
5 1	14 4.38	− 0 46.7	1.772	2.754	5.8	18.6
5 11	13 57.92	− 0 4.4	1.810	2.756	9.1	18.8
5 21	13 52.82	+ 0 20.4	1.872	2.759	12.3	19.0
5 31	13 49.60	+ 0 26.4	1.955	2.762	15.2	19.2

472176 2014 DL_{83} 4 24.5 54°.27 0°.4/24.2 17

3 22	14 30.84	−13 19.5	2.093	2.942	12.1	21.3
4 1	14 25.97	−12 58.9	2.025	2.950	8.8	21.1
4 11	14 19.39	−12 30.6	1.981	2.958	5.2	20.9
4 21	14 11.75	−11 57.4	1.963	2.967	1.3	20.6
5 1	14 3.88	−11 23.2	1.974	2.975	2.7	20.7
5 11	13 56.65	−10 52.4	2.013	2.984	6.5	21.0
5 21	13 50.75	−10 28.5	2.077	2.992	9.9	21.2
5 31	13 46.69	−10 14.5	2.164	3.001	12.9	21.4

10489 Keinonen 4 24.5 263°.49 0°.9/25.2 18

3 22	14 33.40	−15 55.2	2.248	3.082	11.9	17.2
4 1	14 27.94	−16 1.6	2.158	3.074	8.9	17.0
4 11	14 20.64	−15 59.8	2.093	3.066	5.5	16.8
4 21	14 12.11	−15 50.9	2.055	3.057	1.8	16.5
5 1	14 3.16	−15 37.1	2.047	3.049	2.4	16.5
5 11	13 54.71	−15 21.9	2.066	3.040	6.1	16.8
5 21	13 47.51	−15 8.7	2.112	3.031	9.6	17.0
5 31	13 42.18	−15 0.9	2.181	3.022	12.7	17.1

20810 2000 SE_{266} 4 24.5 139°.90 2°.3/22.7 18

3 22	14 34.65	− 7 21.8	2.157	3.008	11.7	18.2
4 1	14 28.65	− 6 55.7	2.090	3.017	8.5	18.0
4 11	14 20.93	− 6 26.6	2.049	3.027	5.1	17.8
4 21	14 12.15	− 5 57.9	2.036	3.036	2.4	17.6
5 1	14 3.17	− 5 33.5	2.052	3.044	4.0	17.7
5 11	13 54.86	− 5 17.0	2.095	3.052	7.3	18.0
5 21	13 47.92	− 5 10.9	2.165	3.060	10.6	18.2
5 31	13 42.84	− 5 16.4	2.257	3.067	13.3	18.4

314614 2006 DD_{59} 4 24.5 4°.42 4°.9/27.2 17

3 22	14 36.46	−23 17.0	1.312	2.151	18.4	20.1
4 1	14 31.40	−23 55.0	1.240	2.150	14.5	19.8
4 11	14 23.21	−24 13.8	1.189	2.150	10.1	19.6
4 21	14 12.86	−24 11.4	1.160	2.151	6.0	19.4
5 1	14 1.81	−23 49.4	1.155	2.151	5.4	19.3
5 11	13 51.73	−23 13.8	1.174	2.153	9.0	19.5
5 21	13 43.97	−22 32.9	1.216	2.154	13.5	19.8
5 31	13 39.39	−21 55.3	1.278	2.156	17.6	20.0

377795 2006 AM_{27} 4 24.5 74°.08 0°.1/24.6 17

3 22	14 31.86	−15 36.9	1.798	2.648	13.7	21.6
4 1	14 27.02	−15 6.1	1.727	2.652	10.1	21.4
4 11	14 20.14	−14 23.5	1.679	2.656	6.1	21.1
4 21	14 11.97	−13 32.6	1.657	2.660	1.6	20.8
5 1	14 3.51	−12 38.5	1.662	2.664	2.9	20.9
5 11	13 55.78	−11 47.1	1.695	2.668	7.2	21.2
5 21	13 49.62	−11 4.0	1.752	2.673	11.2	21.4
5 31	13 45.60	−10 33.2	1.831	2.677	14.5	21.7

457754 2009 HD_{77} 4 24.5 302°.26 3°.1/22.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 31.77	− 8 54.3	1.394	2.269	15.4	20.9
4 1	14 27.68	− 8 6.4	1.309	2.248	11.4	20.6
4 11	14 20.93	− 7 9.1	1.245	2.227	6.9	20.3
4 21	14 12.27	− 6 8.2	1.206	2.207	3.2	20.0
5 1	14 2.88	− 5 11.6	1.192	2.186	5.7	20.1
5 11	13 54.15	− 4 27.3	1.202	2.167	10.6	20.4
5 21	13 47.26	− 4 1.3	1.234	2.147	15.4	20.6
5 31	13 43.06	− 3 56.6	1.285	2.128	19.6	20.8

153065 2000 QO_{186} 4 24.5 256°.11 5°.3/28.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 37.67	−27 7.7	2.025	2.818	14.5	20.5
4 1	14 31.64	−27 48.1	1.924	2.803	11.8	20.3
4 11	14 23.14	−28 13.0	1.846	2.786	8.8	20.1
4 21	14 12.85	−28 19.9	1.793	2.770	6.1	19.9
5 1	14 1.80	−28 8.5	1.768	2.753	5.4	19.8
5 11	13 51.23	−27 41.9	1.769	2.736	7.6	19.9
5 21	13 42.21	−27 5.6	1.797	2.718	10.9	20.0
5 31	13 35.58	−26 26.5	1.847	2.701	14.1	20.2

229134 2004 RU_{218} 4 24.5 174°.46 6°.3/30.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 35.49	−33 50.7	2.273	3.029	14.2	20.8
4 1	14 29.67	−34 10.5	2.186	3.031	11.9	20.6
4 11	14 21.74	−34 10.3	2.121	3.033	9.4	20.5
4 21	14 12.42	−33 48.2	2.080	3.034	7.2	20.3
5 1	14 2.70	−33 5.3	2.065	3.035	6.3	20.3
5 11	13 53.64	−32 5.6	2.078	3.035	7.4	20.3
5 21	13 46.12	−30 55.5	2.117	3.035	9.7	20.5
5 31	13 40.78	−29 42.5	2.180	3.035	12.2	20.6

485937 2012 HX_{15} 4 24.5 333°.32 7°.9/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.74	−19 7.8	0.988	1.834	22.6	20.3
4 1	14 45.12	−21 47.0	0.916	1.829	18.0	20.0
4 11	14 32.42	−24 22.6	0.863	1.826	12.8	19.6
4 21	14 15.55	−26 42.0	0.834	1.822	8.5	19.4
5 1	13 56.66	−28 32.7	0.829	1.819	8.8	19.4
5 11	13 38.73	−29 50.2	0.848	1.816	13.3	19.6
5 21	13 24.32	−30 39.7	0.888	1.814	18.5	19.9
5 31	13 15.04	−31 12.5	0.946	1.812	23.2	20.2

375926 2009 WX_{46} 4 24.5 102°.03 0°.8/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.81	−14 42.0	1.944	2.791	12.9	21.0
4 1	14 26.71	−13 40.2	1.882	2.807	9.4	20.8
4 11	14 19.81	−12 27.5	1.844	2.822	5.5	20.6
4 21	14 11.87	−11 8.7	1.834	2.837	1.4	20.4
5 1	14 3.79	− 9 50.0	1.852	2.852	3.2	20.5
5 11	13 56.47	− 8 38.2	1.899	2.866	7.1	20.8
5 21	13 50.63	− 7 38.3	1.971	2.880	10.7	21.0
5 31	13 46.75	− 6 53.8	2.065	2.894	13.7	21.3

179396 2001 YF_{116} 4 24.5 139°.16 1°.8/26.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 30.95	−21 33.2	2.812	3.623	10.4	21.3
4 1	14 25.72	−21 18.3	2.735	3.633	8.0	21.1
4 11	14 19.12	−20 52.4	2.682	3.643	5.2	21.0
4 21	14 11.69	−20 17.1	2.657	3.653	2.5	20.8
5 1	14 4.08	−19 34.9	2.662	3.662	2.3	20.8
5 11	13 56.97	−18 49.5	2.696	3.671	4.8	21.0
5 21	13 50.93	−18 4.8	2.758	3.679	7.6	21.2
5 31	13 46.37	−17 24.4	2.845	3.687	10.0	21.4

466512 2014 OE_{295} 4 24.5 173°.93 1°.7/25.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 36.70	−19 10.9	1.825	2.656	14.4	22.2
4 1	14 30.66	−19 2.4	1.747	2.658	10.9	22.0
4 11	14 22.36	−18 39.9	1.692	2.661	6.9	21.8
4 21	14 12.59	−18 5.1	1.663	2.662	2.8	21.5
5 1	14 2.42	−17 21.4	1.662	2.663	2.9	21.5
5 11	13 53.00	−16 34.6	1.688	2.664	7.1	21.8
5 21	13 45.28	−15 50.6	1.740	2.664	11.1	22.0
5 31	13 39.91	−15 14.9	1.815	2.663	14.5	22.2

114368 2002 XC_{89} 4 24.5 179°.58 2°.1/26.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 32.94	−22 37.6	1.986	2.807	13.7	19.9
4 1	14 27.74	−21 59.3	1.904	2.808	10.5	19.7
4 11	14 20.55	−21 3.4	1.845	2.809	6.9	19.5
4 21	14 12.10	−19 52.3	1.812	2.809	3.2	19.3
5 1	14 3.34	−18 30.7	1.808	2.809	2.9	19.2
5 11	13 55.29	−17 5.7	1.832	2.809	6.5	19.5
5 21	13 48.76	−15 44.5	1.883	2.808	10.2	19.7
5 31	13 44.32	−14 33.4	1.956	2.806	13.6	19.9

383903 2008 SV_{66} 4 24.5 250°.99 0°.7/25.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 34.69	−16 6.7	2.233	3.065	12.0	22.0
4 1	14 29.00	−16 1.0	2.131	3.046	9.0	21.8
4 11	14 21.35	−15 45.9	2.055	3.027	5.6	21.5
4 21	14 12.34	−15 22.8	2.006	3.008	1.8	21.2
5 1	14 2.82	−14 54.4	1.986	2.988	2.5	21.2
5 11	13 53.72	−14 24.8	1.994	2.967	6.4	21.5
5 21	13 45.87	−13 58.1	2.029	2.946	10.1	21.6
5 31	13 39.95	−13 38.3	2.088	2.924	13.3	21.8

257580 1999 DB_{9} 4 24.5 49°.64 0°.1/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 40.13	−11 26.3	1.400	2.257	16.4	18.9
4 1	14 33.41	−11 57.6	1.348	2.277	12.1	18.7
4 11	14 24.02	−12 22.6	1.318	2.296	7.1	18.4
4 21	14 13.01	−12 42.3	1.313	2.317	1.9	18.1
5 1	14 1.76	−12 58.9	1.336	2.338	3.4	18.3
5 11	13 51.69	−13 15.8	1.384	2.359	8.4	18.6
5 21	13 43.82	−13 36.0	1.456	2.380	12.8	19.0
5 31	13 38.79	−14 2.2	1.549	2.401	16.4	19.2

994 Otthild 4 24.5 244°.50 5°.5/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 39.12	−26 38.5	1.914	2.711	15.1	14.7
4 1	14 32.79	−27 29.3	1.821	2.701	12.2	14.5
4 11	14 23.86	−28 4.7	1.750	2.692	9.1	14.3
4 21	14 13.06	−28 21.7	1.704	2.682	6.3	14.1
5 1	14 1.48	−28 19.9	1.686	2.671	5.7	14.0
5 11	13 50.46	−28 2.1	1.695	2.661	7.9	14.1
5 21	13 41.14	−27 33.8	1.729	2.650	11.2	14.3
5 31	13 34.36	−27 2.0	1.785	2.639	14.5	14.5

309289 2007 RP_{209} 4 24.5 73°.07 1°.2/23.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 36.12	−11 30.4	1.406	2.269	16.0	20.8
4 1	14 30.56	−11 14.2	1.344	2.277	11.8	20.5
4 11	14 22.41	−10 49.4	1.305	2.285	6.9	20.3
4 21	14 12.61	−10 19.8	1.290	2.293	1.9	20.0
5 1	14 2.46	− 9 50.9	1.301	2.301	4.0	20.1
5 11	13 53.31	− 9 28.4	1.337	2.309	9.0	20.5
5 21	13 46.21	− 9 16.9	1.397	2.317	13.5	20.7
5 31	13 41.82	− 9 19.1	1.477	2.325	17.2	21.0

198979 2005 VF_{30} 4 24.5 302°.83 2°.1/23.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.11	−11 0.3	1.203	2.081	17.2	21.0
4 1	14 29.10	−10 29.5	1.120	2.060	12.8	20.7
4 11	14 22.00	− 9 47.0	1.058	2.040	7.6	20.3
4 21	14 12.61	− 8 57.7	1.018	2.021	2.5	19.9
5 1	14 2.30	− 8 9.0	1.002	2.001	5.2	20.0
5 11	13 52.73	− 7 29.6	1.009	1.982	11.0	20.3
5 21	13 45.30	− 7 6.4	1.037	1.964	16.4	20.5
5 31	13 40.99	− 7 3.8	1.083	1.946	21.2	20.8

88969 2001 TU_{57} 4 24.5 46°.70 3°.1/26.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 36.36	−20 32.8	1.892	2.717	14.2	18.5
4 1	14 30.31	−21 10.7	1.826	2.731	10.9	18.3
4 11	14 22.10	−21 36.5	1.784	2.746	7.3	18.1
4 21	14 12.52	−21 49.5	1.768	2.762	3.9	17.9
5 1	14 2.61	−21 51.1	1.780	2.777	3.6	17.9
5 11	13 53.49	−21 44.7	1.819	2.793	6.7	18.1
5 21	13 46.03	−21 34.7	1.883	2.810	10.2	18.4
5 31	13 40.84	−21 25.8	1.971	2.826	13.3	18.6

319475 2006 PC_{17} 4 24.5 203°.37 2°.2/26.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 36.25	−20 44.4	2.113	2.931	13.1	21.8
4 1	14 30.17	−20 39.9	2.023	2.927	10.1	21.6
4 11	14 22.03	−20 22.0	1.957	2.921	6.6	21.4
4 21	14 12.52	−19 51.5	1.918	2.915	3.1	21.1
5 1	14 2.57	−19 11.1	1.907	2.908	2.9	21.1
5 11	13 53.20	−18 25.6	1.926	2.900	6.4	21.3
5 21	13 45.30	−17 40.5	1.970	2.892	10.1	21.5
5 31	13 39.49	−17 0.9	2.039	2.882	13.3	21.7

130561 2000 RW_{32} 4 24.5 237°.75 1°.8/25.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 35.18	−19 50.2	1.730	2.564	14.9	20.3
4 1	14 29.81	−19 31.5	1.639	2.553	11.4	20.0
4 11	14 22.02	−18 56.5	1.571	2.541	7.3	19.7
4 21	14 12.54	−18 6.6	1.528	2.528	3.0	19.4
5 1	14 2.49	−17 6.2	1.513	2.515	3.1	19.4
5 11	13 53.10	−16 1.9	1.525	2.502	7.6	19.7
5 21	13 45.40	−15 1.2	1.562	2.488	11.9	19.9
5 31	13 40.16	−14 10.6	1.621	2.473	15.8	20.1

343891 2011 HZ_{96} 4 24.5 317°.91 3°.6/21.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 28.89	− 7 35.1	1.707	2.578	13.2	21.0
4 1	14 24.97	− 6 22.5	1.631	2.568	9.7	20.7
4 11	14 19.02	− 5 2.7	1.579	2.559	5.9	20.5
4 21	14 11.73	− 3 42.2	1.552	2.550	3.6	20.3
5 1	14 4.05	− 2 28.6	1.553	2.541	5.7	20.4
5 11	13 57.03	− 1 29.3	1.579	2.533	9.6	20.6
5 21	13 51.49	− 0 48.7	1.629	2.524	13.4	20.8
5 31	13 48.06	− 0 29.2	1.699	2.517	16.7	21.0

290015 2005 QN_{14} 4 24.5 133°.21 1°.8/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 35.58	−20 44.7	2.329	3.143	12.2	22.3
4 1	14 29.30	−20 31.3	2.258	3.160	9.3	22.1
4 11	14 21.31	−20 5.6	2.212	3.176	6.0	21.9
4 21	14 12.29	−19 29.0	2.194	3.192	2.7	21.7
5 1	14 3.09	−18 44.7	2.206	3.206	2.6	21.7
5 11	13 54.59	−17 57.3	2.246	3.220	5.7	22.0
5 21	13 47.47	−17 11.5	2.314	3.234	8.9	22.2
5 31	13 42.22	−16 31.8	2.407	3.246	11.7	22.4

474849 2005 SK_{82} 4 24.5 238°.65 1°.2/25.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 31.12	−18 18.5	2.606	3.431	10.7	21.9
4 1	14 26.07	−18 10.7	2.512	3.422	8.1	21.7
4 11	14 19.46	−17 53.5	2.444	3.412	5.1	21.5
4 21	14 11.83	−17 28.0	2.403	3.403	2.0	21.3
5 1	14 3.87	−16 56.9	2.391	3.393	2.2	21.3
5 11	13 56.34	−16 23.5	2.408	3.383	5.3	21.5
5 21	13 49.87	−15 51.7	2.453	3.372	8.4	21.7
5 31	13 44.99	−15 25.0	2.521	3.362	11.2	21.8

430259 2013 WY_{32} 4 24.5 90°.75 0°.5/24.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.88	−13 47.8	1.894	2.745	13.1	21.6
4 1	14 26.97	−13 19.0	1.821	2.747	9.6	21.4
4 11	14 20.11	−12 40.7	1.771	2.749	5.7	21.2
4 21	14 12.00	−11 56.2	1.747	2.751	1.5	20.9
5 1	14 3.60	−11 10.2	1.752	2.753	3.0	21.0
5 11	13 55.87	−10 28.1	1.783	2.754	7.2	21.3
5 21	13 49.61	− 9 54.5	1.840	2.756	11.0	21.5
5 31	13 45.40	− 9 32.9	1.919	2.758	14.2	21.7

274329 2008 RC_{16} 4 24.5 349°.26 6°.3/28.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 32.53	−26 39.0	1.432	2.258	17.8	19.8
4 1	14 28.43	−27 26.0	1.353	2.252	14.4	19.5
4 11	14 21.47	−27 52.7	1.295	2.246	10.7	19.3
4 21	14 12.45	−27 56.4	1.259	2.240	7.3	19.1
5 1	14 2.71	−27 37.5	1.246	2.236	6.5	19.0
5 11	13 53.75	−27 0.9	1.258	2.233	9.0	19.1
5 21	13 46.87	−26 14.6	1.292	2.231	12.8	19.4
5 31	13 42.92	−25 27.4	1.347	2.230	16.6	19.6

309147 2006 YD_{13} 4 24.5 288°.64 3°.4/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 30.34	−25 38.0	2.293	3.098	12.6	20.3
4 1	14 25.76	−25 32.4	2.201	3.091	10.0	20.1
4 11	14 19.38	−25 11.0	2.132	3.083	7.1	19.9
4 21	14 11.82	−24 34.4	2.090	3.076	4.3	19.7
5 1	14 3.91	−23 45.0	2.075	3.069	3.6	19.7
5 11	13 56.51	−22 47.3	2.087	3.062	6.0	19.8
5 21	13 50.39	−21 47.0	2.127	3.055	9.0	20.0
5 31	13 46.12	−20 49.7	2.190	3.048	12.0	20.1

107012 2000 YS_{113} 4 24.5 191°.67 0°.1/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 36.29	−14 49.8	1.997	2.835	13.0	20.7
4 1	14 30.18	−14 28.5	1.914	2.834	9.7	20.5
4 11	14 22.03	−13 57.1	1.856	2.831	5.8	20.3
4 21	14 12.53	−13 18.2	1.825	2.829	1.5	20.0
5 1	14 2.65	−12 35.9	1.824	2.825	2.8	20.1
5 11	13 53.43	−11 55.3	1.850	2.821	7.0	20.3
5 21	13 45.70	−11 21.1	1.903	2.815	10.8	20.5
5 31	13 40.10	−10 57.2	1.978	2.810	14.1	20.7

212919 2007 YL_{13} 4 24.5 276°.70 3°.2/27.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 32.27	−23 33.9	2.239	3.051	12.7	20.4
4 1	14 27.20	−23 44.0	2.151	3.046	9.9	20.2
4 11	14 20.25	−23 40.4	2.086	3.042	6.9	20.0
4 21	14 12.06	−23 23.2	2.047	3.037	4.0	19.8
5 1	14 3.48	−22 54.4	2.036	3.033	3.5	19.8
5 11	13 55.42	−22 17.9	2.053	3.028	6.1	19.9
5 21	13 48.68	−21 38.6	2.097	3.024	9.3	20.1
5 31	13 43.86	−21 1.5	2.164	3.019	12.2	20.3

393849 2005 SD_{155} 4 24.5 308°.84 1°.7/22.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 28.36	−10 48.9	2.289	3.144	11.0	21.3
4 1	14 24.09	− 9 53.9	2.212	3.142	8.0	21.1
4 11	14 18.28	− 8 51.8	2.161	3.141	4.7	20.9
4 21	14 11.52	− 7 46.9	2.137	3.139	1.8	20.7
5 1	14 4.52	− 6 44.3	2.143	3.138	3.5	20.8
5 11	13 58.05	− 5 48.9	2.176	3.136	6.9	21.0
5 21	13 52.72	− 5 4.8	2.235	3.135	10.0	21.2
5 31	13 49.02	− 4 34.4	2.316	3.133	12.8	21.4

467233 2016 EC_{165} 4 24.5 20°.22 5°.9/28.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 32.24	−26 35.3	1.227	2.065	19.5	20.4
4 1	14 28.34	−26 59.6	1.165	2.071	15.6	20.2
4 11	14 21.39	−26 58.4	1.121	2.077	11.3	19.9
4 21	14 12.41	−26 30.8	1.098	2.085	7.3	19.7
5 1	14 2.92	−25 39.6	1.098	2.093	6.1	19.7
5 11	13 54.54	−24 33.5	1.122	2.102	9.1	19.9
5 21	13 48.53	−23 22.8	1.168	2.112	13.3	20.1
5 31	13 45.64	−22 17.8	1.234	2.123	17.3	20.4

362102 2009 CV_{20} 4 24.5 121°.95 3°.3/22.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 35.02	− 7 54.6	1.581	2.445	14.5	21.1
4 1	14 29.41	− 6 52.2	1.523	2.457	10.6	20.8
4 11	14 21.57	− 5 43.9	1.489	2.468	6.4	20.6
4 21	14 12.39	− 4 36.1	1.480	2.479	3.4	20.5
5 1	14 3.00	− 3 36.2	1.499	2.489	5.5	20.6
5 11	13 54.54	− 2 50.6	1.544	2.499	9.6	20.9
5 21	13 47.89	− 2 23.0	1.612	2.509	13.4	21.1
5 31	13 43.61	− 2 14.9	1.700	2.518	16.7	21.3

8838 1989 UW_2 4 24.5 311°.68 0°.8/23.7 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 28.56	−13 55.8	2.291	3.138	11.2	16.5
4 1	14 24.24	−13 2.4	2.213	3.138	8.2	16.3
4 11	14 18.38	−11 59.7	2.160	3.138	4.8	16.1
4 21	14 11.55	−10 51.5	2.135	3.138	1.3	15.8
5 1	14 4.49	− 9 42.8	2.139	3.138	2.8	15.9
5 11	13 57.97	− 8 39.0	2.171	3.138	6.4	16.2
5 21	13 52.62	− 7 44.7	2.229	3.138	9.7	16.4
5 31	13 48.91	− 7 3.0	2.311	3.138	12.5	16.5

450142 1998 XN_2 4 24.5 214°.13 0°.6/25.0 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 40.86	−17 26.6	2.225	3.042	12.6	24.8
4 1	14 33.51	−16 54.6	2.123	3.030	9.5	24.6
4 11	14 24.02	−16 9.9	2.046	3.016	5.8	24.3
4 21	14 13.09	−15 14.5	1.998	3.000	1.8	24.0
5 1	14 1.64	−14 12.1	1.981	2.982	2.6	24.0
5 11	13 50.73	−13 8.6	1.994	2.963	6.8	24.3
5 21	13 41.26	−12 9.8	2.036	2.942	10.6	24.5
5 31	13 33.90	−11 20.8	2.102	2.919	13.9	24.6

119502 2001 UH_{120} 4 24.5 67°.86 2°.3/22.9 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.63	− 9 16.3	1.603	2.467	14.3	19.7
4 1	14 28.35	− 8 38.0	1.549	2.482	10.4	19.5
4 11	14 20.92	− 7 53.7	1.517	2.497	6.1	19.3
4 21	14 12.22	− 7 8.5	1.511	2.512	2.5	19.1
5 1	14 3.33	− 6 28.0	1.532	2.528	4.5	19.2
5 11	13 55.36	− 5 57.9	1.579	2.543	8.6	19.5
5 21	13 49.15	− 5 41.4	1.650	2.558	12.5	19.8
5 31	13 45.23	− 5 40.3	1.742	2.573	15.7	20.0

86253 1999 TT_{188} 4 24.5 225°.03 2°.7/27.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 29.19	−26 9.4	2.532	3.331	11.8	19.2
4 1	14 24.68	−25 28.6	2.441	3.329	9.2	19.1
4 11	14 18.62	−24 31.3	2.374	3.327	6.4	18.9
4 21	14 11.61	−23 19.1	2.335	3.324	3.6	18.7
5 1	14 4.38	−21 55.8	2.324	3.321	2.9	18.6
5 11	13 57.68	−20 26.8	2.342	3.318	5.3	18.8
5 21	13 52.15	−18 58.4	2.389	3.316	8.3	19.0
5 31	13 48.26	−17 36.1	2.460	3.313	11.0	19.1

462229 2007 YG_{69} 4 24.5 84°.12 2°.0/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 35.70	− 9 55.8	1.512	2.375	15.1	22.0
4 1	14 30.00	− 9 24.2	1.456	2.389	11.0	21.8
4 11	14 21.96	− 8 45.7	1.423	2.404	6.5	21.6
4 21	14 12.50	− 8 5.1	1.416	2.418	2.3	21.3
5 1	14 2.83	− 7 28.3	1.435	2.432	4.4	21.5
5 11	13 54.17	− 7 0.8	1.480	2.446	8.9	21.8
5 21	13 47.41	− 6 46.5	1.549	2.460	12.9	22.1
5 31	13 43.15	− 6 47.3	1.638	2.474	16.4	22.3

501040 2013 RF_{78} 4 24.5 201°.27 2°.1/22.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 32.77	− 9 14.5	2.302	3.151	11.1	23.1
4 1	14 27.32	− 8 24.0	2.220	3.147	8.1	22.9
4 11	14 20.21	− 7 27.5	2.164	3.142	4.8	22.7
4 21	14 12.05	− 6 29.2	2.136	3.136	2.1	22.5
5 1	14 3.59	− 5 33.8	2.137	3.130	3.8	22.6
5 11	13 55.66	− 4 46.3	2.167	3.122	7.2	22.8
5 21	13 48.96	− 4 10.3	2.223	3.115	10.4	23.0
5 31	13 43.98	− 3 48.0	2.302	3.106	13.3	23.1

2594 Acamas 4 24.5 307°.49 0°.9/25.9 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 25.04	−18 31.1	4.018	4.837	7.4	18.8
4 1	14 21.16	−18 23.6	3.925	4.831	5.6	18.6
4 11	14 16.37	−18 9.8	3.859	4.825	3.5	18.5
4 21	14 11.00	−17 51.0	3.821	4.820	1.5	18.3
5 1	14 5.48	−17 28.6	3.813	4.814	1.5	18.3
5 11	14 0.21	−17 4.8	3.834	4.808	3.6	18.5
5 21	13 55.57	−16 41.6	3.884	4.803	5.6	18.6
5 31	13 51.89	−16 21.1	3.959	4.797	7.5	18.7

27714 Dochu 4 24.5 64°.76 3°.6/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 36.57	−22 0.8	1.314	2.157	18.2	17.6
4 1	14 31.25	−22 13.3	1.252	2.166	14.1	17.4
4 11	14 22.99	−22 5.9	1.210	2.176	9.4	17.1
4 21	14 12.82	−21 39.1	1.191	2.186	4.9	16.9
5 1	14 2.22	−20 56.6	1.196	2.197	4.3	16.9
5 11	13 52.75	−20 5.9	1.227	2.207	8.5	17.1
5 21	13 45.58	−19 15.8	1.281	2.217	13.1	17.4
5 31	13 41.44	−18 33.8	1.354	2.228	17.0	17.7

72176 2000 YQ_{110} 4 24.5 221°.88 3°.7/21.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 35.43	− 5 25.9	1.695	2.558	13.8	19.9
4 1	14 29.80	− 4 44.9	1.620	2.552	10.2	19.6
4 11	14 21.91	− 4 0.8	1.569	2.546	6.3	19.4
4 21	14 12.53	− 3 18.9	1.544	2.540	3.7	19.2
5 1	14 2.71	− 2 45.0	1.546	2.534	5.7	19.3
5 11	13 53.62	− 2 24.2	1.574	2.527	9.6	19.5
5 21	13 46.20	− 2 19.7	1.626	2.519	13.5	19.7
5 31	13 41.10	− 2 32.4	1.698	2.512	16.8	19.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
120524 1994 PW_4			4 24.5 223°.17		1°.6/26.2 18	
	h m	° ′			°	m
3 22	14 31.10	−20 1.4	2.728	3.546	10.5	21.3
4 1	14 26.00	−19 52.1	2.634	3.538	8.0	21.1
4 11	14 19.41	−19 32.6	2.565	3.529	5.2	20.9
4 21	14 11.84	−19 3.9	2.523	3.521	2.3	20.7
5 1	14 3.97	−18 28.5	2.511	3.512	2.2	20.7
5 11	13 56.51	−17 49.9	2.528	3.503	5.1	20.9
5 21	13 50.08	−17 11.8	2.573	3.493	8.1	21.0
5 31	13 45.19	−16 38.1	2.642	3.483	10.7	21.2
405877 2006 EU_3			4 24.5 262°.70		3°.0/26.3 17	
3 22	14 37.36	−20 15.0	1.531	2.368	16.3	21.4
4 1	14 31.85	−20 33.4	1.441	2.354	12.7	21.1
4 11	14 23.47	−20 36.7	1.374	2.341	8.4	20.8
4 21	14 13.02	−20 24.3	1.330	2.327	4.1	20.5
5 1	14 1.75	−19 58.3	1.312	2.313	3.9	20.5
5 11	13 51.14	−19 23.9	1.321	2.299	8.3	20.7
5 21	13 42.47	−18 48.2	1.353	2.284	13.0	20.9
5 31	13 36.66	−18 18.1	1.407	2.270	17.1	21.1
503324 2016 AA_{192}			4 24.5 316°.34		4°.1/27.1 17	
3 22	14 33.23	−23 9.1	1.364	2.206	17.7	20.3
4 1	14 28.99	−23 20.1	1.283	2.196	13.9	20.0
4 11	14 21.82	−23 10.5	1.222	2.187	9.5	19.8
4 21	14 12.57	−22 39.8	1.184	2.177	5.3	19.5
5 1	14 2.60	−21 50.9	1.169	2.169	4.6	19.4
5 11	13 53.44	−20 51.2	1.180	2.160	8.7	19.6
5 21	13 46.38	−19 49.7	1.213	2.153	13.4	19.9
5 31	13 42.30	−18 55.4	1.266	2.145	17.6	20.1
249488 2009 UN_{129}			4 24.5 43°.32		4°.4/28.4 17	
3 22	14 31.44	−27 19.2	1.583	2.402	16.7	19.9
4 1	14 27.07	−27 1.2	1.517	2.413	13.3	19.7
4 11	14 20.32	−26 19.5	1.471	2.424	9.4	19.5
4 21	14 12.10	−25 15.4	1.449	2.436	5.7	19.3
5 1	14 3.60	−23 53.6	1.452	2.448	4.6	19.3
5 11	13 56.05	−22 22.9	1.482	2.461	7.5	19.4
5 21	13 50.39	−20 52.4	1.536	2.473	11.2	19.7
5 31	13 47.21	−19 30.8	1.612	2.487	14.7	19.9
205569 2001 SY_{323}			4 24.5 250°.60		5°.1/28.1 16	
3 22	14 37.14	−27 1.0	1.691	2.497	16.4	21.4
4 1	14 31.62	−27 10.9	1.591	2.480	13.2	21.2
4 11	14 23.31	−26 59.7	1.513	2.462	9.6	20.9
4 21	14 12.98	−26 25.6	1.459	2.443	6.2	20.6
5 1	14 1.83	−25 29.9	1.431	2.424	5.3	20.5
5 11	13 51.30	−24 18.6	1.430	2.404	8.2	20.7
5 21	13 42.63	−23 0.6	1.453	2.383	12.3	20.8
5 31	13 36.71	−21 45.2	1.498	2.362	16.2	21.0
237727 2001 WO_{56}			4 24.5 311°.65		0°.3/24.7 17	
3 22	14 33.69	−14 25.8	1.218	2.088	17.5	20.4
4 1	14 29.56	−14 23.6	1.136	2.071	13.2	20.1
4 11	14 22.30	−14 8.6	1.075	2.055	8.0	19.8
4 21	14 12.74	−13 42.9	1.036	2.039	2.2	19.4
5 1	14 2.27	−13 11.5	1.020	2.023	3.9	19.4
5 11	13 52.57	−12 41.4	1.029	2.008	9.8	19.7
5 21	13 45.04	−12 19.8	1.059	1.994	15.3	20.0
5 31	13 40.68	−12 12.1	1.107	1.980	20.0	20.2
461662 2005 GG_{134}			4 24.5 307°.96		1°.3/23.7 17	
3 22	14 32.65	−11 42.9	1.390	2.260	15.8	21.2
4 1	14 28.42	−11 21.7	1.304	2.240	11.8	20.9
4 11	14 21.45	−10 50.4	1.239	2.221	7.0	20.6
4 21	14 12.49	−10 12.6	1.199	2.202	2.0	20.2
5 1	14 2.76	− 9 34.1	1.183	2.183	4.3	20.3
5 11	13 53.69	− 9 1.9	1.192	2.165	9.6	20.6
5 21	13 46.49	− 8 41.8	1.223	2.147	14.6	20.8
5 31	13 42.06	− 8 38.0	1.273	2.130	18.9	21.0
431250 2006 TM_{118}			4 24.5 192°.44		5°.1/18.5 17	
3 22	14 28.74	+ 1 29.8	2.451	3.311	10.1	21.1
4 1	14 24.24	+ 2 46.0	2.386	3.310	7.8	20.9
4 11	14 18.33	+ 4 0.3	2.347	3.309	5.7	20.8
4 21	14 11.55	+ 5 7.2	2.335	3.308	5.2	20.8
5 1	14 4.58	+ 6 1.5	2.352	3.307	6.6	20.9
5 11	13 58.10	+ 6 39.6	2.396	3.305	8.9	21.0
5 21	13 52.69	+ 6 59.7	2.463	3.303	11.3	21.2
5 31	13 48.79	+ 7 1.8	2.551	3.302	13.5	21.3
248454 2005 TN_{177}			4 24.5 246°.44		3°.0/21.8 18	
3 22	14 32.15	− 3 49.6	2.458	3.311	10.4	20.4
4 1	14 26.80	− 3 27.2	2.376	3.303	7.7	20.2
4 11	14 19.89	− 3 4.4	2.320	3.294	4.8	20.0
4 21	14 11.98	− 2 44.5	2.292	3.286	3.0	19.9
5 1	14 3.78	− 2 30.9	2.293	3.278	4.4	20.0
5 11	13 56.04	− 2 26.4	2.322	3.269	7.3	20.1
5 21	13 49.42	− 2 32.8	2.377	3.260	10.2	20.3
5 31	13 44.39	− 2 50.9	2.454	3.251	12.7	20.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
265610 2005 SY_{46}			4 24.5 284°.11		1°.7/25.7 17	
	h m	° ′			°	m
3 22	14 34.23	−18 19.1	1.690	2.532	14.8	21.0
4 1	14 29.14	−18 21.3	1.606	2.524	11.3	20.7
4 11	14 21.65	−18 10.4	1.545	2.516	7.1	20.5
4 21	14 12.50	−17 47.3	1.508	2.508	2.9	20.2
5 1	14 2.80	−17 15.2	1.498	2.500	3.1	20.2
5 11	13 53.77	−16 39.6	1.515	2.493	7.5	20.4
5 21	13 46.44	−16 6.3	1.556	2.485	11.8	20.7
5 31	13 41.55	−15 40.6	1.619	2.477	15.5	20.9
478236 2011 UY_{337}			4 24.5 209°.70		1°.0/25.4 16	
3 22	14 32.95	−16 39.6	2.550	3.378	10.8	21.9
4 1	14 27.41	−16 43.2	2.463	3.375	8.1	21.7
4 11	14 20.28	−16 38.9	2.401	3.371	5.0	21.5
4 21	14 12.09	−16 27.7	2.366	3.367	1.8	21.2
5 1	14 3.59	−16 11.7	2.362	3.363	2.2	21.3
5 11	13 55.54	−15 53.9	2.386	3.359	5.5	21.5
5 21	13 48.62	−15 37.7	2.437	3.355	8.6	21.7
5 31	13 43.34	−15 26.1	2.513	3.350	11.3	21.8
162741 2000 WG_6			4 24.5 181°.97		2°.3/22.3 14	C
3 22	14 37.33	− 6 36.3	2.635	3.472	10.2	22.8
4 1	14 30.42	− 6 1.4	2.554	3.474	7.5	22.6
4 11	14 21.95	− 5 23.7	2.501	3.475	4.5	22.4
4 21	14 12.52	− 4 46.5	2.477	3.475	2.4	22.2
5 1	14 2.85	− 4 13.4	2.485	3.473	3.8	22.3
5 11	13 53.72	− 3 47.8	2.523	3.471	6.7	22.5
5 21	13 45.74	− 3 32.1	2.588	3.467	9.6	22.7
5 31	13 39.42	− 3 27.7	2.678	3.462	12.1	22.9
427971 2005 YG_{125}			4 24.5 94°.88		2°.9/26.9 17	
3 22	14 34.91	−22 42.3	1.921	2.740	14.2	21.8
4 1	14 29.17	−22 38.6	1.856	2.757	10.9	21.6
4 11	14 21.40	−22 19.2	1.813	2.774	7.3	21.4
4 21	14 12.38	−21 45.3	1.797	2.790	3.8	21.3
5 1	14 3.15	−21 0.2	1.808	2.807	3.3	21.3
5 11	13 54.74	−20 9.6	1.847	2.823	6.5	21.5
5 21	13 47.96	−19 19.5	1.911	2.839	10.0	21.7
5 31	13 43.38	−18 35.3	1.999	2.854	13.1	21.9
370148 2001 XG_{150}			4 24.5 138°.21		2°.0/22.7 17	
3 22	14 34.56	− 8 24.7	2.245	3.092	11.4	22.0
4 1	14 28.54	− 7 49.6	2.180	3.106	8.3	21.8
4 11	14 20.87	− 7 10.6	2.141	3.119	4.9	21.6
4 21	14 12.23	− 6 31.1	2.131	3.131	2.1	21.5
5 1	14 3.43	− 5 55.4	2.149	3.143	3.7	21.6
5 11	13 55.29	− 5 27.5	2.197	3.154	7.0	21.8
5 21	13 48.47	− 5 9.9	2.270	3.164	10.2	22.0
5 31	13 43.45	− 5 4.4	2.366	3.173	12.9	22.2
413808 2006 KX_{30}			4 24.5 251°.13		0°.9/23.9 17	
3 22	14 35.15	−12 43.9	1.611	2.466	14.7	21.9
4 1	14 29.86	−12 19.5	1.527	2.456	10.9	21.7
4 11	14 22.10	−11 45.0	1.466	2.445	6.5	21.4
4 21	14 12.64	−11 3.6	1.431	2.434	1.7	21.0
5 1	14 2.60	−10 20.6	1.422	2.423	3.7	21.1
5 11	13 53.26	− 9 42.4	1.440	2.411	8.6	21.4
5 21	13 45.66	− 9 14.2	1.482	2.399	13.0	21.6
5 31	13 40.55	− 9 0.1	1.545	2.387	16.9	21.8
381430 2008 OU_{23}			4 24.5 149°.95		5°.1/29.3 18	
3 22	14 36.27	−30 21.3	2.414	3.184	13.1	21.6
4 1	14 30.05	−30 42.4	2.333	3.192	10.7	21.4
4 11	14 21.91	−30 46.7	2.274	3.200	8.1	21.3
4 21	14 12.54	−30 33.1	2.241	3.208	5.9	21.1
5 1	14 2.83	−30 2.5	2.236	3.215	5.1	21.1
5 11	13 53.75	−29 18.9	2.259	3.221	6.5	21.2
5 21	13 46.10	−28 27.6	2.309	3.227	8.9	21.4
5 31	13 40.45	−27 34.5	2.383	3.233	11.4	21.5
502155 2015 BH_{38}			4 24.5 239°.86		1°.1/25.3 17	
3 22	14 35.95	−16 43.0	1.888	2.725	13.7	21.6
4 1	14 30.22	−16 42.3	1.798	2.714	10.3	21.4
4 11	14 22.22	−16 30.7	1.731	2.703	6.4	21.1
4 21	14 12.66	−16 9.5	1.690	2.692	2.2	20.8
5 1	14 2.56	−15 41.5	1.677	2.679	2.8	20.9
5 11	13 53.02	−15 11.6	1.692	2.667	7.1	21.1
5 21	13 45.03	−14 44.7	1.733	2.654	11.2	21.3
5 31	13 39.31	−14 25.3	1.796	2.641	14.8	21.5
296286 2009 DF_{73}			4 24.5 213°.42		3°.7/20.4 18	
3 22	14 29.37	− 3 30.1	2.427	3.286	10.3	21.3
4 1	14 24.75	− 2 24.2	2.352	3.281	7.6	21.1
4 11	14 18.66	− 1 16.5	2.304	3.277	5.0	20.9
4 21	14 11.66	− 0 12.0	2.283	3.272	3.8	20.8
5 1	14 4.43	+ 0 44.4	2.291	3.267	5.3	20.9
5 11	13 57.68	+ 1 28.2	2.327	3.262	8.0	21.1
5 21	13 52.02	+ 1 56.9	2.388	3.256	10.7	21.2
5 31	13 47.89	+ 2 9.3	2.471	3.250	13.1	21.4

506561 2005 TS_{115} 4 24.5 139°.24 0°.2/24.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 29.46	−14 27.1	2.671	3.509	10.1	22.4
4 1	14 24.69	−13 53.8	2.596	3.516	7.4	22.2
4 11	14 18.57	−13 12.9	2.546	3.522	4.4	22.0
4 21	14 11.63	−12 27.2	2.525	3.528	1.1	21.8
5 1	14 4.51	−11 40.2	2.533	3.534	2.2	21.9
5 11	13 57.88	−10 55.8	2.571	3.540	5.4	22.1
5 21	13 52.29	−10 17.4	2.635	3.545	8.3	22.3
5 31	13 48.15	− 9 47.7	2.724	3.551	10.8	22.5

293327 2007 DS_{65} 4 24.6 359°.35 1°.9/23.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 27.82	−12 12.9	1.274	2.154	16.2	19.9
4 1	14 24.74	−11 19.2	1.209	2.151	11.9	19.6
4 11	14 19.12	−10 12.7	1.165	2.149	6.9	19.3
4 21	14 11.84	− 8 59.7	1.145	2.148	2.3	19.0
5 1	14 4.13	− 7 49.0	1.149	2.148	4.8	19.2
5 11	13 57.33	− 6 49.6	1.177	2.150	9.8	19.5
5 21	13 52.45	− 6 7.9	1.227	2.152	14.5	19.7
5 31	13 50.17	− 5 47.5	1.295	2.156	18.5	20.0

441548 2008 TD_{67} 4 24.6 166°.29 0°.6/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 26.71	−11 23.4	4.129	4.965	6.9	22.2
4 1	14 22.28	−11 3.0	4.049	4.969	5.0	22.0
4 11	14 17.00	−10 39.3	3.997	4.973	2.9	21.9
4 21	14 11.20	−10 13.8	3.974	4.977	0.8	21.7
5 1	14 5.28	− 9 48.6	3.982	4.980	1.7	21.8
5 11	13 59.65	− 9 25.6	4.020	4.983	3.9	22.0
5 21	13 54.65	− 9 6.5	4.086	4.986	5.9	22.1
5 31	13 50.58	− 8 53.0	4.178	4.988	7.7	22.2

121323 1999 SJ_{3} 4 24.6 247°.00 8°.2/ 4.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 35.46	−44 56.7	2.980	3.641	13.0	20.4
4 1	14 29.64	−45 28.4	2.870	3.625	11.7	20.3
4 11	14 21.79	−45 40.1	2.780	3.608	10.2	20.2
4 21	14 12.54	−45 28.9	2.712	3.591	9.0	20.0
5 1	14 2.79	−44 53.8	2.669	3.574	8.2	20.0
5 11	13 53.52	−43 56.8	2.651	3.556	8.4	20.0
5 21	13 45.61	−42 42.5	2.659	3.538	9.4	20.0
5 31	13 39.70	−41 17.3	2.691	3.519	10.9	20.1

457762 2009 JX_{8} 4 24.6 280°.17 3°.0/19.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 23.93	+ 1 50.4	4.281	5.132	6.3	21.0
4 1	14 20.27	+ 2 24.8	4.201	5.121	4.8	20.9
4 11	14 15.83	+ 2 57.3	4.148	5.109	3.5	20.8
4 21	14 10.90	+ 3 25.8	4.123	5.098	3.1	20.7
5 1	14 5.83	+ 3 47.9	4.128	5.086	3.9	20.8
5 11	14 1.00	+ 4 1.9	4.161	5.075	5.4	20.9
5 21	13 56.72	+ 4 7.0	4.220	5.063	7.0	21.0
5 31	13 53.28	+ 4 2.6	4.302	5.051	8.4	21.1

439147 2011 UH_{113} 4 24.6 251°.84 1°.7/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.78	− 8 21.9	2.725	3.570	9.7	21.9
4 1	14 26.50	− 7 56.7	2.626	3.550	7.1	21.7
4 11	14 19.74	− 7 27.7	2.553	3.530	4.3	21.5
4 21	14 11.98	− 6 57.7	2.509	3.510	1.8	21.2
5 1	14 3.88	− 6 29.8	2.495	3.488	3.2	21.3
5 11	13 56.11	− 6 7.3	2.510	3.467	6.3	21.5
5 21	13 49.32	− 5 52.8	2.551	3.445	9.2	21.6
5 31	13 43.99	− 5 48.3	2.617	3.422	11.8	21.8

468345 2016 EJ_{80} 4 24.6 166°.20 2°.4/23.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 38.00	− 7 50.2	1.721	2.576	14.0	21.4
4 1	14 31.62	− 7 30.4	1.651	2.579	10.3	21.2
4 11	14 22.97	− 7 6.4	1.604	2.583	6.1	21.0
4 21	14 12.86	− 6 42.3	1.584	2.585	2.6	20.7
5 1	14 2.39	− 6 22.4	1.593	2.588	4.5	20.9
5 11	13 52.73	− 6 11.3	1.628	2.589	8.6	21.1
5 21	13 44.81	− 6 11.7	1.688	2.591	12.6	21.3
5 31	13 39.27	− 6 25.3	1.769	2.591	15.9	21.6

39108 2000 WG_{26} 4 24.6 305°.94 3°.3/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.45	− 7 40.8	1.322	2.198	16.0	18.4
4 1	14 29.14	− 7 10.2	1.238	2.177	11.9	18.1
4 11	14 21.95	− 6 32.9	1.174	2.156	7.3	17.7
4 21	14 12.68	− 5 54.5	1.135	2.135	3.4	17.5
5 1	14 2.58	− 5 21.8	1.120	2.115	5.8	17.5
5 11	13 53.14	− 5 1.8	1.128	2.095	10.9	17.8
5 21	13 45.65	− 4 59.3	1.159	2.075	15.9	18.0
5 31	13 41.03	− 5 16.6	1.207	2.056	20.3	18.2

506402 2017 SV_{4} 4 24.6 225°.97 3°.9/21.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.78	− 4 9.0	1.954	2.817	12.2	21.2
4 1	14 26.84	− 3 17.2	1.882	2.814	9.0	21.0
4 11	14 20.05	− 2 23.4	1.836	2.812	5.8	20.8
4 21	14 12.08	− 1 33.0	1.816	2.809	3.9	20.7
5 1	14 3.81	− 0 51.5	1.824	2.806	5.7	20.8
5 11	13 56.17	− 0 23.6	1.858	2.803	9.0	21.0
5 21	13 49.92	− 0 11.8	1.916	2.800	12.2	21.2
5 31	13 45.60	− 0 17.0	1.996	2.797	15.1	21.4

212653 2006 UG_{124} 4 24.6 247°.90 4°.9/29.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 33.24	−29 27.1	2.403	3.182	12.9	20.3
4 1	14 27.97	−29 46.2	2.307	3.174	10.5	20.1
4 11	14 20.79	−29 49.2	2.233	3.165	8.0	19.9
4 21	14 12.30	−29 34.9	2.185	3.156	5.7	19.7
5 1	14 3.36	−29 4.3	2.164	3.146	5.0	19.7
5 11	13 54.91	−28 20.8	2.171	3.137	6.5	19.8
5 21	13 47.76	−27 29.7	2.205	3.127	9.1	19.9
5 31	13 42.53	−26 36.7	2.262	3.117	11.8	20.1

287895 2003 SO_{375} 4 24.6 318°.79 1°.0/23.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 32.07	−13 18.9	1.326	2.196	16.4	20.8
4 1	14 27.98	−12 46.7	1.250	2.186	12.1	20.5
4 11	14 21.16	−12 1.3	1.195	2.176	7.2	20.2
4 21	14 12.45	−11 7.2	1.164	2.167	1.9	19.8
5 1	14 3.12	−10 11.2	1.158	2.159	4.1	20.0
5 11	13 54.62	− 9 21.7	1.176	2.151	9.5	20.2
5 21	13 48.11	− 8 45.4	1.216	2.143	14.5	20.5
5 31	13 44.39	− 8 26.8	1.276	2.136	18.7	20.7

501392 2013 YW_{75} 4 24.6 180°.90 5°.8/18.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 30.61	+ 2 51.0	2.241	3.100	11.0	21.8
4 1	14 25.73	+ 3 59.9	2.178	3.101	8.5	21.6
4 11	14 19.28	+ 5 5.4	2.141	3.101	6.4	21.5
4 21	14 11.87	+ 6 1.6	2.131	3.101	5.8	21.5
5 1	14 4.24	+ 6 43.4	2.148	3.101	7.3	21.5
5 11	13 57.18	+ 7 7.3	2.191	3.100	9.7	21.7
5 21	13 51.33	+ 7 12.1	2.258	3.100	12.2	21.9
5 31	13 47.15	+ 6 58.2	2.345	3.099	14.5	22.0

107001 2000 YW_{109} 4 24.6 72°.00 1°.2/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 36.16	−17 29.4	1.424	2.275	16.6	20.1
4 1	14 30.56	−17 16.5	1.369	2.292	12.4	19.9
4 11	14 22.40	−16 48.6	1.335	2.310	7.6	19.7
4 21	14 12.71	−16 8.9	1.326	2.328	2.6	19.4
5 1	14 2.79	−15 22.4	1.343	2.346	3.2	19.5
5 11	13 53.98	−14 36.5	1.386	2.364	8.0	19.8
5 21	13 47.25	−13 57.5	1.453	2.381	12.4	20.1
5 31	13 43.20	−13 30.2	1.540	2.399	16.1	20.4

233248 2005 YC_{115} 4 24.6 131°.59 0°.6/24.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 34.26	−12 49.9	2.184	3.026	11.9	22.1
4 1	14 28.42	−12 23.9	2.117	3.039	8.7	21.9
4 11	14 20.87	−11 50.4	2.075	3.052	5.1	21.7
4 21	14 12.29	−11 12.7	2.061	3.064	1.3	21.5
5 1	14 3.51	−10 34.4	2.076	3.076	2.8	21.6
5 11	13 55.42	−10 0.1	2.119	3.087	6.5	21.9
5 21	13 48.68	− 9 33.4	2.189	3.097	9.8	22.1
5 31	13 43.80	− 9 16.8	2.282	3.107	12.7	22.3

4155 Watanabe 4 24.6 213°.84 1°.0/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 36.41	−17 7.1	2.154	2.982	12.6	18.0
4 1	14 30.29	−16 58.5	2.062	2.974	9.5	17.8
4 11	14 22.16	−16 39.3	1.994	2.965	5.9	17.5
4 21	14 12.68	−16 11.0	1.954	2.955	2.0	17.2
5 1	14 2.75	−15 36.4	1.943	2.945	2.5	17.3
5 11	13 53.35	−15 0.1	1.961	2.934	6.5	17.5
5 21	13 45.34	−14 26.7	2.005	2.921	10.2	17.7
5 31	13 39.34	−14 0.5	2.073	2.909	13.4	17.9

368230 2001 TJ_{237} 4 24.6 189°.55 3°.9/20.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 32.10	− 4 30.2	2.185	3.043	11.3	21.9
4 1	14 26.89	− 3 12.7	2.113	3.042	8.3	21.7
4 11	14 20.00	− 1 52.0	2.066	3.040	5.4	21.5
4 21	14 12.07	− 0 33.9	2.048	3.038	3.9	21.4
5 1	14 3.90	+ 0 35.3	2.059	3.035	5.7	21.5
5 11	13 56.30	+ 1 30.3	2.097	3.032	8.7	21.7
5 21	13 49.96	+ 2 8.2	2.160	3.028	11.7	21.9
5 31	13 45.39	+ 2 27.5	2.245	3.024	14.3	22.1

413902 2006 WL_{16} 4 24.6 78°.91 2°.3/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 35.31	−21 5.0	1.637	2.470	15.6	20.9
4 1	14 29.68	−20 48.8	1.579	2.491	11.8	20.7
4 11	14 21.78	−20 15.7	1.544	2.511	7.6	20.5
4 21	14 12.54	−19 28.1	1.534	2.532	3.4	20.3
5 1	14 3.13	−18 30.8	1.551	2.552	3.2	20.3
5 11	13 54.72	−17 30.9	1.594	2.572	7.1	20.6
5 21	13 48.17	−16 35.2	1.663	2.592	11.1	20.9
5 31	13 44.06	−15 49.4	1.754	2.612	14.5	21.1

464766 2003 UJ_{62} 4 24.6 224°.02 3°.2/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.23	− 4 24.6	2.681	3.532	9.7	22.1
4 1	14 26.06	− 3 24.1	2.593	3.519	7.1	21.9
4 11	14 19.46	− 2 20.9	2.532	3.505	4.6	21.7
4 21	14 11.94	− 1 19.4	2.500	3.491	3.2	21.6
5 1	14 4.14	− 0 24.1	2.498	3.476	4.7	21.7
5 11	13 56.74	+ 0 20.9	2.524	3.460	7.4	21.8
5 21	13 50.33	+ 0 52.8	2.577	3.444	10.1	22.0
5 31	13 45.39	+ 1 10.1	2.652	3.427	12.5	22.1

505063 2011 SQ_{157} 4 24.6 153°.12 1°.7/22.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 29.20	− 8 32.1	2.992	3.839	8.9	22.5
4 1	14 24.35	− 7 47.0	2.921	3.847	6.4	22.3
4 11	14 18.33	− 6 58.4	2.877	3.854	3.8	22.2
4 21	14 11.62	− 6 9.4	2.861	3.861	1.8	22.0
5 1	14 4.76	− 5 23.5	2.876	3.867	3.1	22.1
5 11	13 58.34	− 4 43.9	2.920	3.873	5.7	22.3
5 21	13 52.82	− 4 13.2	2.991	3.879	8.2	22.5
5 31	13 48.59	− 3 52.9	3.086	3.884	10.4	22.7

520943 2014 XT_{43} 4 24.6 256°.23 3°.7/22.1 17

3 22	14 35.76	− 5 16.5	1.682	2.544	13.9	21.3
4 1	14 30.20	− 4 43.4	1.600	2.532	10.3	21.0
4 11	14 22.28	− 4 7.4	1.541	2.519	6.4	20.7
4 21	14 12.75	− 3 33.6	1.509	2.506	3.7	20.5
5 1	14 2.68	− 3 7.6	1.503	2.492	5.7	20.6
5 11	13 53.25	− 2 54.2	1.524	2.478	9.7	20.8
5 21	13 45.48	− 2 56.5	1.568	2.464	13.7	21.0
5 31	13 40.08	− 3 15.7	1.633	2.450	17.2	21.2

95758 2003 EA_{35} 4 24.6 350°.18 5°.3/27.9 17

3 22	14 32.10	−25 14.0	1.409	2.243	17.7	19.1
4 1	14 28.11	−25 44.7	1.333	2.237	14.1	18.9
4 11	14 21.30	−25 54.8	1.276	2.233	10.1	18.6
4 21	14 12.52	−25 42.9	1.241	2.229	6.4	18.4
5 1	14 3.08	−25 10.6	1.231	2.225	5.6	18.3
5 11	13 54.45	−24 23.9	1.244	2.223	8.6	18.5
5 21	13 47.88	−23 31.2	1.281	2.221	12.7	18.7
5 31	13 44.19	−22 41.0	1.338	2.221	16.6	19.0

106197 2000 UO_{17} 4 24.6 226°.81 2°.2/22.2 17

3 22	14 28.74	− 8 51.4	2.432	3.286	10.4	19.9
4 1	14 24.33	− 7 53.7	2.353	3.283	7.6	19.7
4 11	14 18.46	− 6 50.6	2.300	3.279	4.5	19.5
4 21	14 11.68	− 5 46.3	2.275	3.275	2.2	19.3
5 1	14 4.66	− 4 45.6	2.280	3.271	3.8	19.4
5 11	13 58.12	− 3 53.1	2.312	3.266	6.9	19.6
5 21	13 52.66	− 3 12.5	2.371	3.262	9.9	19.8
5 31	13 48.74	− 2 45.9	2.452	3.258	12.5	20.0

102798 1999 VF_{165} 4 24.6 100°.38 0°.3/24.7 18 R

3 22	14 37.03	−14 20.0	1.601	2.451	15.1	19.6
4 1	14 31.09	−14 18.5	1.535	2.460	11.2	19.4
4 11	14 22.74	−14 7.1	1.492	2.468	6.7	19.1
4 21	14 12.85	−13 47.9	1.474	2.477	1.9	18.8
5 1	14 2.61	−13 25.0	1.483	2.485	3.1	18.9
5 11	13 53.26	−13 3.2	1.519	2.493	7.8	19.2
5 21	13 45.79	−12 47.5	1.579	2.501	12.0	19.5
5 31	13 40.84	−12 41.4	1.661	2.509	15.6	19.8

246212 2007 RR_{164} 4 24.6 154°.26 2°.3/26.7 18

3 22	14 32.72	−21 44.7	2.217	3.036	12.6	20.7
4 1	14 27.48	−21 38.5	2.137	3.039	9.7	20.5
4 11	14 20.43	−21 18.9	2.080	3.042	6.4	20.3
4 21	14 12.22	−20 47.2	2.050	3.045	3.2	20.1
5 1	14 3.71	−20 6.0	2.048	3.047	2.9	20.1
5 11	13 55.79	−19 20.0	2.074	3.050	5.9	20.3
5 21	13 49.22	−18 34.3	2.127	3.052	9.2	20.5
5 31	13 44.54	−17 53.6	2.203	3.054	12.2	20.7

257723 1999 XE_{224} 4 24.6 207°.52 1°.4/23.4 17

3 22	14 35.18	−10 56.2	2.175	3.019	11.9	21.9
4 1	14 29.27	−10 21.0	2.089	3.012	8.7	21.7
4 11	14 21.51	− 9 38.7	2.028	3.005	5.1	21.5
4 21	14 12.52	− 8 52.9	1.994	2.997	1.7	21.2
5 1	14 3.17	− 8 7.8	1.991	2.988	3.4	21.3
5 11	13 54.36	− 7 28.3	2.016	2.978	7.2	21.5
5 21	13 46.88	− 6 58.3	2.067	2.967	10.7	21.7
5 31	13 41.30	− 6 40.7	2.141	2.956	13.8	21.9

222497 2001 SJ_{282} 4 24.6 128°.43 9°.3/ 4.7 18

3 22	14 46.74	−45 57.1	2.684	3.329	14.6	21.5
4 1	14 38.13	−47 4.1	2.612	3.350	13.1	21.4
4 11	14 26.93	−47 48.4	2.559	3.370	11.5	21.3
4 21	14 14.00	−48 6.0	2.528	3.390	10.1	21.2
5 1	14 0.55	−47 55.1	2.523	3.408	9.4	21.2
5 11	13 47.91	−47 18.3	2.543	3.426	9.5	21.2
5 21	13 37.17	−46 21.4	2.588	3.443	10.4	21.3
5 31	13 29.08	−45 12.0	2.657	3.459	11.7	21.4

60040 1999 TK_{96} 4 24.6 201°.91 1°.5/23.4 18

3 22	14 33.78	− 9 54.0	1.998	2.850	12.4	19.0
4 1	14 28.34	− 9 34.7	1.921	2.849	9.1	18.8
4 11	14 20.98	− 9 9.9	1.869	2.847	5.4	18.6
4 21	14 12.39	− 8 43.0	1.843	2.846	1.8	18.3
5 1	14 3.45	− 8 17.7	1.846	2.844	3.5	18.4
5 11	13 55.14	− 7 58.4	1.877	2.842	7.4	18.7
5 21	13 48.23	− 7 48.2	1.933	2.840	11.0	18.9
5 31	13 43.32	− 7 49.2	2.011	2.838	14.1	19.1

251782 1999 RQ_{147} 4 24.6 230°.94 9°.4/ 5.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 40.01	−48 13.4	2.995	3.622	13.5	21.1
4 1	14 33.29	−49 17.3	2.894	3.612	12.3	20.9
4 11	14 24.17	−50 1.5	2.811	3.601	11.1	20.8
4 21	14 13.30	−50 21.9	2.750	3.590	10.1	20.7
5 1	14 1.69	−50 16.3	2.712	3.578	9.5	20.7
5 11	13 50.52	−49 45.8	2.699	3.567	9.6	20.6
5 21	13 40.84	−48 54.4	2.709	3.555	10.3	20.7
5 31	13 33.46	−47 48.4	2.742	3.542	11.5	20.7

501274 2013 WT_{34} 4 24.6 128°.43 0°.6/25.1 17

3 22	14 32.21	−17 6.5	2.060	2.898	12.7	21.9
4 1	14 27.12	−16 38.1	1.986	2.904	9.4	21.7
4 11	14 20.21	−15 58.0	1.937	2.910	5.7	21.5
4 21	14 12.17	−15 9.3	1.914	2.916	1.8	21.3
5 1	14 3.87	−14 16.0	1.920	2.922	2.5	21.3
5 11	13 56.24	−13 23.8	1.954	2.928	6.4	21.6
5 21	13 50.00	−12 37.4	2.013	2.933	10.0	21.8
5 31	13 45.69	−12 1.1	2.096	2.938	13.1	22.0

247829 2003 SQ_{217} 4 24.6 157°.22 0°.7/24.1 18

3 22	14 37.08	−12 38.9	2.034	2.875	12.7	21.1
4 1	14 30.66	−12 18.1	1.962	2.883	9.3	20.9
4 11	14 22.30	−11 49.5	1.914	2.891	5.5	20.7
4 21	14 12.73	−11 16.1	1.894	2.898	1.5	20.4
5 1	14 2.89	−10 41.8	1.904	2.904	3.0	20.5
5 11	13 53.77	−10 11.2	1.942	2.909	7.0	20.8
5 21	13 46.15	− 9 48.2	2.006	2.914	10.6	21.0
5 31	13 40.59	− 9 35.5	2.093	2.918	13.7	21.2

375919 2009 WE_{37} 4 24.6 107°.63 1°.2/23.7 17

3 22	14 34.91	−10 40.8	1.894	2.746	13.0	20.9
4 1	14 29.18	−10 26.1	1.827	2.754	9.5	20.7
4 11	14 21.46	−10 5.4	1.784	2.762	5.6	20.5
4 21	14 12.51	− 9 41.8	1.768	2.770	1.7	20.3
5 1	14 3.30	− 9 19.3	1.779	2.778	3.4	20.4
5 11	13 54.82	− 9 2.0	1.819	2.786	7.4	20.7
5 21	13 47.88	− 8 53.1	1.883	2.794	11.1	20.9
5 31	13 43.04	− 8 54.9	1.970	2.801	14.2	21.1

266397 2007 EE_{171} 4 24.6 86°.03 2°.7/22.3 17

3 22	14 32.27	− 9 16.0	1.705	2.568	13.7	21.2
4 1	14 27.31	− 8 12.3	1.647	2.581	9.9	21.0
4 11	14 20.36	− 7 1.8	1.613	2.593	5.9	20.8
4 21	14 12.21	− 5 50.6	1.606	2.606	2.8	20.6
5 1	14 3.87	− 4 45.5	1.626	2.618	4.8	20.8
5 11	13 56.37	− 3 52.9	1.672	2.631	8.7	21.0
5 21	13 50.49	− 3 16.7	1.743	2.643	12.4	21.3
5 31	13 46.75	− 2 58.9	1.834	2.655	15.5	21.5

221675 2007 DU_{3} 4 24.6 152°.62 5°.1/19.6 17

3 22	14 31.83	− 1 59.0	1.965	2.829	12.1	21.0
4 1	14 26.79	− 0 32.0	1.904	2.834	9.0	20.8
4 11	14 19.99	+ 0 55.7	1.869	2.840	6.2	20.6
4 21	14 12.11	+ 2 17.2	1.861	2.844	5.1	20.5
5 1	14 4.02	+ 3 25.5	1.881	2.849	6.9	20.7
5 11	13 56.62	+ 4 15.5	1.927	2.853	9.9	20.8
5 21	13 50.61	+ 4 44.8	1.997	2.856	12.8	21.0
5 31	13 46.49	+ 4 52.9	2.086	2.860	15.4	21.2

86067 1999 RM_{28} 4 24.6 93°.09 23°.0/ 9.3 18 R

3 22	14 48.56	+34 36.4	1.129	1.912	24.2	19.2
4 1	14 39.65	+37 43.9	1.154	1.950	23.2	19.3
4 11	14 27.53	+39 53.6	1.195	1.987	23.0	19.4
4 21	14 13.99	+40 57.8	1.252	2.023	23.4	19.5
5 1	14 1.07	+40 57.2	1.321	2.057	24.1	19.7
5 11	13 50.49	+40 0.8	1.403	2.089	25.0	19.9
5 21	13 43.12	+38 20.8	1.495	2.120	25.8	20.1
5 31	13 39.27	+36 9.4	1.595	2.150	26.5	20.3

522531 2016 EX_{236} 4 24.6 98°.58 8°.6/18.2 16

3 22	14 35.19	+ 8 42.7	1.767	2.622	13.6	21.1
4 1	14 29.39	+ 9 42.7	1.717	2.629	11.0	21.0
4 11	14 21.56	+10 31.9	1.690	2.635	9.1	20.9
4 21	14 12.53	+11 3.3	1.688	2.641	8.6	20.8
5 1	14 3.31	+11 11.7	1.712	2.648	10.1	20.9
5 11	13 54.95	+10 55.1	1.759	2.654	12.5	21.1
5 21	13 48.23	+10 14.7	1.828	2.660	15.0	21.3
5 31	13 43.69	+ 9 13.7	1.916	2.666	17.4	21.5

364345 2006 UD_{192} 4 24.6 218°.43 2°.8/26.8 17

3 22	14 35.03	−22 40.0	1.939	2.757	14.1	21.3
4 1	14 29.54	−22 30.4	1.849	2.750	11.0	21.1
4 11	14 21.84	−22 4.4	1.782	2.743	7.4	20.9
4 21	14 12.66	−21 22.7	1.741	2.735	3.8	20.6
5 1	14 3.00	−20 28.5	1.727	2.727	3.3	20.6
5 11	13 53.97	−19 27.6	1.742	2.718	6.8	20.8
5 21	13 46.50	−18 26.7	1.782	2.709	10.6	21.0
5 31	13 41.27	−17 32.1	1.845	2.699	14.1	21.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
281258 2007 PL_{21}			4 24.6 247°.04		6°.5/17.7 18	
	h m	° ′			°	m
3 22	14 30.58	+ 3 54.5	2.179	3.039	11.2	20.9
4 1	14 25.86	+ 5 16.8	2.107	3.027	8.8	20.7
4 11	14 19.47	+ 6 36.0	2.060	3.016	6.9	20.6
4 21	14 11.99	+ 7 45.5	2.040	3.004	6.6	20.5
5 1	14 4.21	+ 8 39.0	2.047	2.992	8.1	20.6
5 11	13 56.94	+ 9 12.3	2.080	2.979	10.6	20.7
5 21	13 50.88	+ 9 23.9	2.136	2.967	13.2	20.9
5 31	13 46.55	+ 9 14.1	2.211	2.954	15.5	21.0
413226 2003 RC_{24}			4 24.6 195°.79		10°.4/ 2.8 16	
3 22	14 46.19	−43 14.6	2.244	2.924	16.3	22.0
4 1	14 38.38	−44 33.1	2.151	2.921	14.6	21.8
4 11	14 27.46	−45 28.8	2.078	2.918	12.8	21.7
4 21	14 14.25	−45 55.6	2.027	2.913	11.2	21.6
5 1	14 0.07	−45 50.2	2.001	2.908	10.5	21.5
5 11	13 46.51	−45 14.3	1.999	2.901	10.8	21.5
5 21	13 34.99	−44 14.1	2.022	2.894	12.2	21.6
5 31	13 26.47	−42 59.1	2.068	2.886	14.1	21.7
59894 1999 RQ_{138}			4 24.6 152°.25		4°.2/19.7 18	
3 22	14 28.30	− 2 3.4	2.465	3.325	10.1	19.3
4 1	14 23.95	− 0 48.6	2.399	3.327	7.5	19.2
4 11	14 18.21	+ 0 26.7	2.359	3.329	5.1	19.0
4 21	14 11.64	+ 1 37.4	2.347	3.331	4.2	18.9
5 1	14 4.89	+ 2 38.2	2.365	3.333	5.7	19.0
5 11	13 58.63	+ 3 25.0	2.409	3.335	8.2	19.2
5 21	13 53.42	+ 3 55.5	2.478	3.336	10.7	19.4
5 31	13 49.70	+ 4 9.1	2.568	3.338	13.0	19.5
299764 2006 SX_{13}			4 24.6 144°.89		0°.7/25.2 18	
3 22	14 31.54	−16 47.7	2.422	3.254	11.2	21.6
4 1	14 26.42	−16 32.0	2.344	3.259	8.3	21.4
4 11	14 19.73	−16 7.1	2.291	3.263	5.1	21.2
4 21	14 12.06	−15 34.9	2.266	3.268	1.7	21.0
5 1	14 4.14	−14 58.5	2.269	3.272	2.2	21.0
5 11	13 56.76	−14 22.0	2.302	3.275	5.6	21.2
5 21	13 50.56	−13 49.2	2.361	3.279	8.8	21.4
5 31	13 46.02	−13 23.4	2.444	3.282	11.5	21.6
93718 2000 VO_{36}			4 24.6 177°.68		3°.8/28.8 18	
3 22	14 33.79	−28 38.3	2.548	3.327	12.2	19.5
4 1	14 28.14	−28 24.4	2.459	3.330	9.8	19.3
4 11	14 20.78	−27 53.7	2.393	3.331	7.2	19.1
4 21	14 12.35	−27 6.7	2.354	3.332	4.7	19.0
5 1	14 3.65	−26 5.7	2.343	3.333	3.9	18.9
5 11	13 55.54	−24 55.3	2.362	3.332	5.7	19.0
5 21	13 48.70	−23 41.5	2.408	3.331	8.4	19.2
5 31	13 43.65	−22 29.9	2.479	3.330	11.0	19.4
56917 2000 QO_{221}			4 24.6 162°.56		6°.8/16.7 18	
3 22	14 29.92	+ 8 11.4	2.499	3.349	10.3	19.3
4 1	14 25.10	+ 9 25.3	2.443	3.351	8.4	19.1
4 11	14 18.89	+10 32.2	2.414	3.354	7.0	19.1
4 21	14 11.83	+11 26.6	2.411	3.356	6.9	19.1
5 1	14 4.61	+12 4.0	2.436	3.359	8.1	19.1
5 11	13 57.91	+12 21.8	2.486	3.361	10.0	19.3
5 21	13 52.31	+12 19.7	2.558	3.362	12.0	19.4
5 31	13 48.21	+11 58.7	2.650	3.364	13.9	19.5
252995 2002 QJ_{105}			4 24.6 159°.88		0°.2/24.4 17	
3 22	14 35.09	−14 46.5	2.012	2.852	12.8	21.9
4 1	14 29.26	−14 15.5	1.938	2.858	9.5	21.7
4 11	14 21.51	−13 34.5	1.888	2.864	5.6	21.5
4 21	14 12.56	−12 46.5	1.866	2.869	1.5	21.2
5 1	14 3.33	−11 56.1	1.873	2.874	2.8	21.3
5 11	13 54.81	−11 8.7	1.908	2.878	6.9	21.6
5 21	13 47.76	−10 28.9	1.969	2.881	10.5	21.8
5 31	13 42.75	−10 0.4	2.052	2.884	13.7	22.0
220352 2003 HQ_{23}			4 24.6 159°.74		1°.3/25.6 17	
3 22	14 36.63	−17 25.7	2.098	2.927	12.8	21.2
4 1	14 30.42	−17 30.1	2.020	2.932	9.7	21.0
4 11	14 22.23	−17 24.3	1.967	2.937	6.0	20.8
4 21	14 12.77	−17 9.3	1.940	2.941	2.3	20.5
5 1	14 2.96	−16 47.9	1.943	2.945	2.6	20.6
5 11	13 53.80	−16 24.0	1.974	2.948	6.3	20.8
5 21	13 46.11	−16 1.7	2.031	2.951	9.9	21.0
5 31	13 40.48	−15 45.1	2.112	2.953	13.0	21.2
161592 Sarahhamilton			4 24.6 121°.23		1°.0/25.5 17	
3 22	14 34.49	−18 14.5	1.933	2.767	13.5	22.0
4 1	14 28.87	−17 50.1	1.865	2.780	10.1	21.8
4 11	14 21.29	−17 12.8	1.820	2.792	6.2	21.6
4 21	14 12.50	−16 25.2	1.802	2.804	2.2	21.4
5 1	14 3.48	−15 31.8	1.813	2.815	2.6	21.4
5 11	13 55.24	−14 38.3	1.851	2.826	6.6	21.7
5 21	13 48.55	−13 50.2	1.915	2.837	10.3	21.9
5 31	13 43.97	−13 12.0	2.002	2.847	13.5	22.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
357945 2005 YF_{59}			4 24.6 329°.02		4°.5/22.1 17	
	h m	° ′			°	m
3 22	14 33.80	− 5 31.1	1.178	2.061	17.0	20.4
4 1	14 29.50	− 4 56.2	1.109	2.051	12.7	20.1
4 11	14 22.21	− 4 17.5	1.061	2.043	7.9	19.8
4 21	14 12.84	− 3 42.0	1.036	2.034	4.5	19.6
5 1	14 2.81	− 3 17.2	1.034	2.027	6.9	19.7
5 11	13 53.71	− 3 9.6	1.055	2.019	11.8	20.0
5 21	13 46.81	− 3 22.5	1.097	2.013	16.7	20.2
5 31	13 42.94	− 3 56.4	1.157	2.008	20.8	20.5
51879 2001 PA_{47}			4 24.6 79°.84		3°.0/22.2 18	
3 22	14 33.39	− 4 46.4	2.090	2.947	11.8	18.0
4 1	14 27.90	− 4 25.4	2.023	2.952	8.6	17.8
4 11	14 20.66	− 4 3.6	1.980	2.957	5.4	17.6
4 21	14 12.33	− 3 44.6	1.965	2.962	3.1	17.4
5 1	14 3.77	− 3 32.1	1.978	2.967	4.6	17.5
5 11	13 55.84	− 3 29.3	2.018	2.972	7.8	17.7
5 21	13 49.25	− 3 37.9	2.084	2.977	11.0	17.9
5 31	13 44.53	− 3 58.6	2.172	2.982	13.8	18.1
208654 2002 FZ_{8}			4 24.6 357°.80		0°.4/24.3 18	
3 22	14 28.00	−16 41.7	1.126	2.004	18.0	18.8
4 1	14 25.25	−15 44.8	1.061	2.001	13.4	18.5
4 11	14 19.64	−14 26.8	1.016	1.998	8.0	18.2
4 21	14 12.14	−12 54.0	0.993	1.997	2.1	17.8
5 1	14 4.13	−11 16.6	0.994	1.997	4.1	18.0
5 11	13 57.14	− 9 46.8	1.018	1.997	9.9	18.3
5 21	13 52.32	− 8 34.5	1.063	1.999	15.2	18.6
5 31	13 50.39	− 7 45.8	1.126	2.002	19.6	18.9
9946 1990 ON_{2}			4 24.6 297°.88		1°.5/25.5 18	
3 22	14 35.25	−17 18.9	1.359	2.214	17.0	17.5
4 1	14 30.45	−17 20.2	1.280	2.206	12.9	17.2
4 11	14 22.75	−17 6.7	1.222	2.197	8.1	16.9
4 21	14 13.00	−16 39.7	1.187	2.189	2.9	16.6
5 1	14 2.54	−16 3.4	1.178	2.181	3.5	16.6
5 11	13 52.89	−15 24.5	1.193	2.173	8.8	16.9
5 21	13 45.32	−14 50.2	1.232	2.165	13.8	17.1
5 31	13 40.69	−14 26.7	1.289	2.157	18.1	17.4
210546 1999 RQ_{174}			4 24.6 266°.21		2°.3/26.0 17	
3 22	14 37.14	−19 23.3	1.742	2.574	14.9	20.8
4 1	14 31.54	−19 31.3	1.641	2.552	11.5	20.5
4 11	14 23.32	−19 25.8	1.562	2.530	7.5	20.2
4 21	14 13.17	−19 6.7	1.508	2.507	3.4	19.9
5 1	14 2.18	−18 36.1	1.482	2.483	3.4	19.9
5 11	13 51.68	−17 59.2	1.482	2.459	7.7	20.1
5 21	13 42.82	−17 21.9	1.508	2.434	12.2	20.3
5 31	13 36.49	−16 50.8	1.555	2.409	16.2	20.4
411719 2012 BU_{14}			4 24.6 112°.43		1°.3/23.6 18	
3 22	14 35.96	−12 1.3	1.670	2.524	14.4	22.1
4 1	14 30.10	−11 23.1	1.610	2.539	10.5	21.9
4 11	14 22.07	−10 36.1	1.574	2.553	6.1	21.7
4 21	14 12.73	− 9 44.8	1.564	2.567	1.8	21.4
5 1	14 3.18	− 8 54.9	1.582	2.581	3.7	21.6
5 11	13 54.55	− 8 12.5	1.627	2.594	8.1	21.9
5 21	13 47.68	− 7 42.0	1.696	2.607	12.0	22.2
5 31	13 43.15	− 7 26.2	1.787	2.619	15.4	22.4
55277 2001 SV_{15}			4 24.6 75°.55		0°.2/24.4 18	
3 22	14 31.88	−14 10.1	2.104	2.950	12.2	19.3
4 1	14 26.78	−13 47.1	2.041	2.964	8.9	19.1
4 11	14 19.99	−13 15.9	2.001	2.978	5.3	18.9
4 21	14 12.16	−12 39.1	1.989	2.992	1.4	18.7
5 1	14 4.16	−12 0.8	2.005	3.006	2.6	18.8
5 11	13 56.83	−11 25.6	2.048	3.020	6.4	19.0
5 21	13 50.85	−10 57.1	2.118	3.034	9.7	19.3
5 31	13 46.71	−10 38.4	2.211	3.048	12.6	19.5
489290 2006 SH_{207}			4 24.6 256°.70		3°.0/27.1 16	
3 22	14 34.56	−22 39.9	2.417	3.224	12.0	22.5
4 1	14 28.94	−23 0.0	2.316	3.210	9.4	22.3
4 11	14 21.42	−23 8.6	2.240	3.195	6.5	22.1
4 21	14 12.60	−23 5.2	2.191	3.181	3.7	21.9
5 1	14 3.28	−22 51.1	2.170	3.166	3.3	21.8
5 11	13 54.36	−22 29.0	2.178	3.151	5.9	22.0
5 21	13 46.65	−22 3.2	2.213	3.136	9.1	22.1
5 31	13 40.77	−21 38.1	2.272	3.120	12.0	22.3
348952 2006 TD_{120}			4 24.6 146°.57		3°.1/21.2 17	
3 22	14 29.31	− 5 51.2	2.404	3.262	10.4	21.2
4 1	14 24.73	− 4 47.1	2.336	3.266	7.6	21.1
4 11	14 18.72	− 3 39.9	2.293	3.270	4.7	20.9
4 21	14 11.83	− 2 34.5	2.279	3.273	3.1	20.8
5 1	14 4.75	− 1 35.8	2.294	3.277	4.6	20.9
5 11	13 58.20	− 0 48.1	2.337	3.280	7.5	21.1
5 21	13 52.75	− 0 14.4	2.405	3.284	10.3	21.2
5 31	13 48.85	+ 0 4.0	2.495	3.287	12.7	21.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
33581 Rajeevjha			4 24.6 104°.10		2°.6/22.9 18	
	h m	° ′			°	m
3 22	14 37.43	− 8 38.5	1.538	2.399	15.0	18.6
4 1	14 31.29	− 8 3.5	1.483	2.415	11.0	18.4
4 11	14 22.81	− 7 22.9	1.451	2.430	6.5	18.1
4 21	14 12.94	− 6 41.9	1.444	2.445	2.7	17.9
5 1	14 2.86	− 6 6.3	1.465	2.460	4.8	18.1
5 11	13 53.80	− 5 41.3	1.512	2.475	9.1	18.4
5 21	13 46.66	− 5 30.4	1.583	2.489	13.1	18.6
5 31	13 42.02	− 5 35.0	1.674	2.502	16.4	18.9
235736 2004 TP_{250}			4 24.6 90°.22		8°.2/18.3 18	
3 22	14 36.68	+10 22.8	1.988	2.831	12.8	20.4
4 1	14 30.14	+11 14.6	1.951	2.853	10.4	20.3
4 11	14 21.87	+11 54.5	1.938	2.875	8.7	20.2
4 21	14 12.64	+12 16.6	1.952	2.896	8.3	20.2
5 1	14 3.41	+12 17.3	1.991	2.917	9.4	20.3
5 11	13 55.07	+11 55.5	2.056	2.938	11.5	20.5
5 21	13 48.29	+11 13.0	2.143	2.959	13.7	20.7
5 31	13 43.52	+10 12.7	2.250	2.979	15.6	20.9
284861 2009 BR_{177}			4 24.6 160°.94		2°.9/21.6 17	
3 22	14 29.20	− 7 4.8	2.186	3.047	11.2	20.8
4 1	14 24.81	− 6 1.6	2.115	3.047	8.1	20.6
4 11	14 18.84	− 4 54.0	2.069	3.047	5.0	20.4
4 21	14 11.88	− 3 46.9	2.050	3.047	3.0	20.3
5 1	14 4.68	− 2 45.8	2.060	3.047	4.7	20.4
5 11	13 58.04	− 1 55.9	2.098	3.047	7.8	20.6
5 21	13 52.60	− 1 20.4	2.160	3.047	10.9	20.8
5 31	13 48.84	− 1 1.0	2.244	3.047	13.6	21.0
500649 2012 VT_{12}			4 24.6 89°.48		0°.5/24.1 17	
3 22	14 31.97	−13 3.3	2.252	3.097	11.5	22.3
4 1	14 26.73	−12 38.0	2.189	3.113	8.4	22.1
4 11	14 19.92	−12 5.6	2.151	3.128	4.9	22.0
4 21	14 12.16	−11 29.0	2.141	3.144	1.3	21.7
5 1	14 4.25	−10 52.0	2.159	3.160	2.6	21.9
5 11	13 56.98	−10 18.8	2.206	3.175	6.2	22.1
5 21	13 50.97	− 9 52.8	2.279	3.191	9.4	22.3
5 31	13 46.71	− 9 36.4	2.376	3.206	12.1	22.5
497206 2004 UJ_{7}			4 24.6 177°.01		1°.9/26.2 17	
3 22	14 36.19	−19 40.0	2.388	3.204	11.9	21.9
4 1	14 29.97	−19 48.1	2.304	3.206	9.1	21.8
4 11	14 21.94	−19 45.7	2.244	3.208	5.9	21.6
4 21	14 12.74	−19 33.4	2.212	3.209	2.7	21.3
5 1	14 3.20	−19 13.2	2.209	3.209	2.6	21.3
5 11	13 54.20	−18 48.4	2.235	3.209	5.7	21.5
5 21	13 46.49	−18 23.2	2.289	3.208	9.0	21.7
5 31	13 40.63	−18 1.5	2.367	3.207	11.8	21.9
379896 2012 HN_{82}			4 24.6 259°.56		0°.4/24.3 18	
3 22	14 33.15	−14 46.7	2.036	2.879	12.6	20.7
4 1	14 28.10	−14 8.2	1.936	2.858	9.4	20.4
4 11	14 21.02	−13 18.0	1.860	2.837	5.6	20.2
4 21	14 12.54	−12 19.3	1.811	2.815	1.5	19.8
5 1	14 3.53	−11 16.7	1.791	2.792	3.0	19.9
5 11	13 54.98	−10 16.5	1.799	2.769	7.2	20.1
5 21	13 47.77	− 9 24.1	1.832	2.745	11.2	20.3
5 31	13 42.55	− 8 44.2	1.888	2.721	14.7	20.5
32294 Zajonc			4 24.6 330°.59		4°.9/27.0 18	
3 22	14 37.01	−22 21.5	1.517	2.348	16.7	17.7
4 1	14 31.79	−23 22.9	1.432	2.337	13.3	17.4
4 11	14 23.63	−24 10.8	1.368	2.327	9.4	17.1
4 21	14 13.32	−24 42.3	1.327	2.317	5.8	16.9
5 1	14 2.10	−24 56.5	1.313	2.307	5.3	16.8
5 11	13 51.53	−24 56.2	1.323	2.298	8.7	17.0
5 21	13 42.91	−24 47.1	1.357	2.290	12.8	17.2
5 31	13 37.21	−24 35.9	1.412	2.283	16.6	17.4
316181 2010 GY_{126}			4 24.6 191°.13		8°.2/23.2 17	
3 22	14 58.04	+ 6 22.0	1.090	1.938	20.8	20.1
4 1	14 47.87	+ 5 47.4	1.022	1.937	16.3	19.9
4 11	14 33.40	+ 4 52.7	0.974	1.937	11.6	19.6
4 21	14 15.94	+ 3 32.1	0.950	1.936	8.3	19.4
5 1	13 57.65	+ 1 44.5	0.954	1.935	9.8	19.5
5 11	13 40.92	− 0 25.3	0.984	1.933	14.4	19.7
5 21	13 27.53	− 2 49.0	1.038	1.931	19.4	20.0
5 31	13 18.46	− 5 19.5	1.111	1.929	23.6	20.3
469249 2016 JH_{21}			4 24.6 333°.85		2°.9/23.0 17	
3 22	14 38.06	− 5 34.3	1.637	2.497	14.3	20.4
4 1	14 31.90	− 5 35.7	1.565	2.495	10.6	20.1
4 11	14 23.33	− 5 36.4	1.515	2.493	6.5	19.9
4 21	14 13.16	− 5 39.8	1.492	2.492	3.0	19.7
5 1	14 2.54	− 5 49.2	1.496	2.490	4.8	19.8
5 11	13 52.69	− 6 7.7	1.527	2.489	9.0	20.0
5 21	13 44.63	− 6 36.9	1.581	2.488	13.0	20.2
5 31	13 39.05	− 7 17.4	1.658	2.487	16.5	20.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
467419 2005 UQ_{121}			4 24.6 323°.23		0°.8/25.3 17	
	h m	° ′			°	m
3 22	14 30.21	−18 22.9	1.527	2.381	15.5	21.0
4 1	14 26.39	−17 43.4	1.446	2.371	11.7	20.7
4 11	14 20.17	−16 46.1	1.387	2.363	7.2	20.4
4 21	14 12.33	−15 34.3	1.352	2.354	2.3	20.1
5 1	14 3.99	−14 14.6	1.343	2.346	3.1	20.1
5 11	13 56.39	−12 55.6	1.360	2.339	8.0	20.4
5 21	13 50.53	−11 45.6	1.401	2.331	12.6	20.6
5 31	13 47.13	−10 50.8	1.462	2.325	16.6	20.8
329396 2002 AT_{46}			4 24.6 205°.75		1°.6/23.1 17	
3 22	14 33.53	−10 18.0	2.290	3.135	11.3	21.4
4 1	14 28.01	− 9 40.0	2.205	3.130	8.3	21.2
4 11	14 20.78	− 8 55.7	2.146	3.124	4.9	20.9
4 21	14 12.46	− 8 8.7	2.116	3.117	1.8	20.7
5 1	14 3.81	− 7 23.3	2.114	3.110	3.4	20.8
5 11	13 55.68	− 6 43.9	2.141	3.102	6.9	21.0
5 21	13 48.77	− 6 14.3	2.195	3.094	10.2	21.2
5 31	13 43.63	− 5 56.8	2.271	3.085	13.1	21.4
432247 2009 QY_{56}			4 24.6 131°.79		4°.0/27.7 16	
3 22	14 38.67	−24 52.8	2.099	2.898	13.9	22.2
4 1	14 32.04	−25 20.3	2.024	2.910	11.0	22.0
4 11	14 23.27	−25 32.7	1.973	2.921	7.7	21.9
4 21	14 13.13	−25 29.5	1.948	2.932	4.8	21.7
5 1	14 2.63	−25 11.8	1.951	2.943	4.2	21.7
5 11	13 52.85	−24 43.6	1.982	2.953	6.6	21.8
5 21	13 44.67	−24 10.1	2.040	2.962	9.7	22.0
5 31	13 38.71	−23 37.1	2.121	2.971	12.6	22.2
213435 2001 YJ_{6}			4 24.6 21°.28		4°.2/21.6 18	
3 22	14 33.54	− 1 33.3	1.949	2.810	12.3	19.7
4 1	14 28.14	− 1 14.5	1.884	2.813	9.2	19.5
4 11	14 20.89	− 0 57.8	1.844	2.817	6.0	19.3
4 21	14 12.48	− 0 47.3	1.830	2.821	4.2	19.2
5 1	14 3.81	− 0 46.6	1.844	2.826	5.7	19.3
5 11	13 55.83	− 0 58.5	1.884	2.830	8.8	19.5
5 21	13 49.27	− 1 23.8	1.948	2.835	11.9	19.7
5 31	13 44.69	− 2 2.4	2.035	2.841	14.7	19.9
396265 2014 CQ_{15}			4 24.6 78°.13		6°.9/16.9 17	
3 22	14 29.85	+ 5 21.8	2.151	3.011	11.3	21.0
4 1	14 25.16	+ 6 59.4	2.112	3.030	9.0	20.8
4 11	14 18.97	+ 8 30.4	2.098	3.048	7.2	20.8
4 21	14 11.93	+ 9 47.9	2.112	3.067	7.1	20.8
5 1	14 4.81	+10 46.4	2.152	3.085	8.5	20.9
5 11	13 58.35	+11 22.5	2.218	3.104	10.6	21.1
5 21	13 53.15	+11 35.9	2.306	3.122	12.8	21.2
5 31	13 49.63	+11 28.1	2.412	3.140	14.7	21.4
511969 2015 KF_{38}			4 24.6 279°.40		8°.7/16.5 17	
3 22	14 34.50	+14 16.4	2.293	3.125	11.8	21.3
4 1	14 28.70	+15 3.1	2.226	3.113	10.0	21.2
4 11	14 21.17	+15 37.6	2.182	3.100	8.9	21.1
4 21	14 12.56	+15 54.1	2.164	3.087	8.8	21.0
5 1	14 3.67	+15 48.6	2.171	3.074	9.9	21.1
5 11	13 55.35	+15 19.5	2.203	3.061	11.8	21.2
5 21	13 48.31	+14 28.0	2.258	3.048	13.8	21.3
5 31	13 43.07	+13 16.8	2.331	3.035	15.8	21.4
87848 2000 SJ_{212}			4 24.6 217°.26		3°.2/20.9 18	
3 22	14 29.93	− 3 28.6	2.731	3.584	9.4	20.3
4 1	14 25.11	− 2 40.3	2.651	3.577	7.0	20.1
4 11	14 18.96	− 1 50.9	2.597	3.570	4.5	19.9
4 21	14 11.96	− 1 4.2	2.572	3.562	3.2	19.8
5 1	14 4.72	− 0 24.2	2.576	3.554	4.6	19.9
5 11	13 57.90	+ 0 5.8	2.608	3.546	7.1	20.1
5 21	13 52.04	+ 0 23.5	2.666	3.537	9.6	20.2
5 31	13 47.57	+ 0 28.0	2.747	3.528	11.9	20.4
522989 2016 PU_{119}			4 24.6 231°.34		4°.3/20.3 17	
3 22	14 31.26	+ 0 18.6	2.490	3.344	10.2	21.8
4 1	14 26.18	+ 0 58.1	2.415	3.339	7.7	21.6
4 11	14 19.63	+ 1 35.6	2.366	3.333	5.4	21.4
4 21	14 12.15	+ 2 7.1	2.345	3.327	4.4	21.3
5 1	14 4.42	+ 2 28.5	2.352	3.321	5.7	21.4
5 11	13 57.16	+ 2 37.2	2.387	3.315	8.1	21.6
5 21	13 50.98	+ 2 31.6	2.447	3.309	10.7	21.7
5 31	13 46.35	+ 2 11.8	2.528	3.302	13.0	21.9
281676 2008 VR_{76}			4 24.6 214°.92		2°.5/22.5 17	
3 22	14 32.63	− 7 23.0	2.124	2.979	11.7	21.0
4 1	14 27.45	− 6 48.0	2.046	2.975	8.6	20.8
4 11	14 20.49	− 6 9.3	1.994	2.971	5.2	20.6
4 21	14 12.40	− 5 30.5	1.968	2.967	2.6	20.4
5 1	14 3.99	− 4 56.4	1.971	2.963	4.2	20.5
5 11	13 56.15	− 4 30.9	2.002	2.959	7.6	20.7
5 21	13 49.60	− 4 17.1	2.058	2.954	11.0	20.9
5 31	13 44.89	− 4 16.7	2.136	2.949	13.9	21.1

522984 2016 PX_{118} 4 24.6 312°.37 2°.3/22.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 33.04	− 6 59.7	2.061	2.917	11.9	21.4
4 1	14 27.80	− 6 42.7	1.985	2.914	8.8	21.2
4 11	14 20.72	− 6 23.1	1.933	2.911	5.3	21.0
4 21	14 12.46	− 6 4.0	1.908	2.908	2.4	20.8
5 1	14 3.88	− 5 49.4	1.912	2.905	4.1	20.9
5 11	13 55.87	− 5 42.5	1.942	2.902	7.6	21.1
5 21	13 49.19	− 5 45.9	1.998	2.900	11.0	21.3
5 31	13 44.41	− 6 0.8	2.077	2.897	13.9	21.5

439555 2014 DJ_{37} 4 24.6 35°.31 1°.3/23.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 30.60	−11 2.3	1.953	2.811	12.5	20.8
4 1	14 26.02	−10 32.7	1.888	2.818	9.1	20.6
4 11	14 19.64	− 9 56.4	1.846	2.825	5.3	20.4
4 21	14 12.16	− 9 17.3	1.831	2.833	1.7	20.2
5 1	14 4.45	− 8 39.8	1.843	2.842	3.4	20.3
5 11	13 57.39	− 8 8.7	1.883	2.850	7.2	20.6
5 21	13 51.72	− 7 47.3	1.947	2.859	10.7	20.8
5 31	13 47.96	− 7 38.1	2.034	2.868	13.7	21.0

462028 2007 BZ_{36} 4 24.6 13°.16 8°.3/18.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.27	+ 3 17.5	1.326	2.208	15.6	20.2
4 1	14 27.12	+ 4 31.2	1.277	2.211	12.1	20.0
4 11	14 20.53	+ 5 38.3	1.248	2.214	9.2	19.8
4 21	14 12.42	+ 6 29.3	1.243	2.219	8.4	19.8
5 1	14 4.03	+ 6 56.7	1.262	2.224	10.3	19.9
5 11	13 56.61	+ 6 56.2	1.303	2.230	13.5	20.1
5 21	13 51.11	+ 6 28.2	1.364	2.237	16.9	20.3
5 31	13 48.12	+ 5 35.7	1.442	2.244	19.8	20.5

399092 2014 DA_{33} 4 24.6 321°.51 2°.6/22.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 30.76	− 7 11.6	2.033	2.893	11.9	20.4
4 1	14 26.17	− 6 40.4	1.954	2.886	8.7	20.2
4 11	14 19.78	− 6 5.6	1.900	2.879	5.3	19.9
4 21	14 12.22	− 5 31.1	1.873	2.873	2.6	19.7
5 1	14 4.32	− 5 1.4	1.874	2.866	4.3	19.8
5 11	13 56.97	− 4 40.6	1.901	2.860	7.8	20.0
5 21	13 50.91	− 4 31.7	1.953	2.854	11.2	20.2
5 31	13 46.71	− 4 36.3	2.027	2.848	14.2	20.4

143417 2003 BN_{52} 4 24.6 106°.60 5°.0/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 34.99	−29 30.3	2.398	3.175	13.0	20.1
4 1	14 29.22	−29 58.3	2.320	3.185	10.6	19.9
4 11	14 21.57	−30 10.3	2.265	3.194	8.0	19.8
4 21	14 12.71	−30 5.2	2.236	3.204	5.8	19.6
5 1	14 3.51	−29 44.1	2.234	3.213	5.0	19.6
5 11	13 54.92	−29 10.4	2.259	3.223	6.4	19.7
5 21	13 47.70	−28 29.0	2.311	3.232	8.8	19.9
5 31	13 42.43	−27 45.4	2.388	3.241	11.3	20.0

410168 2007 OW_{10} 4 24.6 260°.82 4°.3/27.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 38.41	−23 17.8	1.605	2.428	16.4	21.5
4 1	14 32.78	−23 45.1	1.510	2.411	13.0	21.3
4 11	14 24.24	−23 55.9	1.435	2.394	9.1	21.0
4 21	14 13.54	−23 48.1	1.385	2.376	5.3	20.7
5 1	14 1.93	−23 22.7	1.361	2.358	4.7	20.6
5 11	13 50.89	−22 44.3	1.364	2.340	8.4	20.8
5 21	13 41.74	−22 0.3	1.390	2.321	12.7	21.0
5 31	13 35.43	−21 18.6	1.438	2.302	16.8	21.2

377751 2005 YT_{14} 4 24.6 193°.69 2°.8/26.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.87	−22 35.0	2.013	2.832	13.7	21.7
4 1	14 28.61	−22 29.7	1.929	2.831	10.6	21.5
4 11	14 21.30	−22 9.2	1.869	2.830	7.1	21.2
4 21	14 12.65	−21 34.3	1.834	2.828	3.7	21.0
5 1	14 3.61	−20 47.8	1.827	2.827	3.2	21.0
5 11	13 55.21	−19 55.2	1.848	2.825	6.5	21.2
5 21	13 48.29	−19 2.3	1.895	2.823	10.0	21.4
5 31	13 43.48	−18 14.9	1.965	2.820	13.3	21.6

508139 2015 FV_{64} 4 24.6 354°.72 6°.8/30.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.06	−33 35.7	1.900	2.674	16.0	20.6
4 1	14 28.35	−33 50.1	1.816	2.673	13.4	20.4
4 11	14 21.29	−33 40.9	1.753	2.673	10.5	20.2
4 21	14 12.67	−33 6.5	1.712	2.672	8.0	20.1
5 1	14 3.59	−32 8.2	1.697	2.672	6.8	20.0
5 11	13 55.27	−30 51.6	1.707	2.672	8.1	20.1
5 21	13 48.67	−29 24.7	1.743	2.672	10.7	20.2
5 31	13 44.48	−27 56.5	1.802	2.672	13.6	20.4

258317 2001 UY_{199} 4 24.6 44°.49 1°.8/25.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 35.24	−17 55.7	1.576	2.421	15.5	20.4
4 1	14 29.97	−18 3.5	1.507	2.426	11.7	20.1
4 11	14 22.25	−17 58.1	1.460	2.432	7.4	19.9
4 21	14 12.93	−17 40.8	1.438	2.438	2.9	19.6
5 1	14 3.19	−17 15.0	1.442	2.445	3.1	19.7
5 11	13 54.30	−16 46.0	1.473	2.451	7.6	19.9
5 21	13 47.28	−16 19.6	1.528	2.458	11.8	20.2
5 31	13 42.79	−16 0.8	1.604	2.465	15.5	20.4

37536 1981 EM_2 4 24.6 37°.73 2°.2/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 31.56	−21 53.5	1.205	2.060	18.6	19.2
4 1	14 27.72	−21 13.4	1.146	2.070	14.2	19.0
4 11	14 21.05	−20 8.9	1.108	2.081	9.1	18.7
4 21	14 12.60	−18 44.0	1.092	2.092	3.8	18.4
5 1	14 3.83	−17 7.3	1.100	2.103	3.6	18.5
5 11	13 56.22	−15 30.3	1.133	2.115	8.6	18.8
5 21	13 50.84	−14 3.9	1.188	2.128	13.5	19.1
5 31	13 48.35	−12 55.8	1.263	2.141	17.7	19.4

375935 2009 WU_{82} 4 24.6 268°.07 2°.9/26.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 34.72	−21 35.5	1.845	2.671	14.4	21.2
4 1	14 29.55	−21 43.4	1.753	2.658	11.2	20.9
4 11	14 22.04	−21 36.5	1.683	2.646	7.5	20.7
4 21	14 12.91	−21 15.0	1.638	2.633	3.9	20.4
5 1	14 3.16	−20 41.0	1.620	2.620	3.5	20.4
5 11	13 53.99	−19 59.5	1.630	2.607	7.1	20.6
5 21	13 46.40	−19 16.6	1.665	2.594	11.1	20.8
5 31	13 41.13	−18 38.3	1.722	2.581	14.7	21.0

475118 2005 UO_{275} 4 24.6 273°.35 2°.0/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 34.73	−19 38.2	2.543	3.358	11.3	21.1
4 1	14 29.06	−19 54.7	2.433	3.334	8.7	20.8
4 11	14 21.56	−20 2.0	2.347	3.310	5.7	20.6
4 21	14 12.77	−20 0.2	2.290	3.286	2.8	20.4
5 1	14 3.43	−19 50.4	2.261	3.261	2.7	20.3
5 11	13 54.39	−19 35.3	2.262	3.236	5.7	20.5
5 21	13 46.43	−19 18.4	2.290	3.210	8.9	20.6
5 31	13 40.19	−19 3.5	2.343	3.185	11.9	20.8

142219 2002 RS_{72} 4 24.6 289°.83 3°.5/21.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.57	− 8 31.3	1.517	2.389	14.6	19.9
4 1	14 27.36	− 7 22.6	1.440	2.377	10.7	19.6
4 11	14 20.76	− 6 4.7	1.384	2.365	6.5	19.4
4 21	14 12.56	− 4 44.4	1.355	2.354	3.5	19.2
5 1	14 3.85	− 3 30.1	1.351	2.342	5.8	19.3
5 11	13 55.85	− 2 30.1	1.372	2.331	10.2	19.5
5 21	13 49.55	− 1 49.9	1.417	2.319	14.5	19.7
5 31	13 45.67	− 1 32.2	1.480	2.308	18.2	19.9

431132 2006 KX_{53} 4 24.6 254°.13 4°.3/20.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.32	− 1 12.2	2.186	3.043	11.3	20.8
4 1	14 27.97	− 0 34.7	2.104	3.030	8.5	20.6
4 11	14 20.84	+ 0 1.9	2.047	3.017	5.8	20.4
4 21	14 12.55	+ 0 33.1	2.017	3.004	4.3	20.3
5 1	14 3.89	+ 0 54.5	2.015	2.991	5.8	20.4
5 11	13 55.73	+ 1 2.6	2.041	2.978	8.8	20.5
5 21	13 48.81	+ 0 55.5	2.091	2.964	11.8	20.7
5 31	13 43.69	+ 0 33.1	2.162	2.950	14.5	20.8

433887 2015 BC_{395} 4 24.6 323°.80 1°.3/23.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 34.19	−10 38.0	1.696	2.554	14.0	20.7
4 1	14 29.05	−10 25.3	1.620	2.550	10.3	20.4
4 11	14 21.67	−10 6.1	1.567	2.547	6.1	20.2
4 21	14 12.79	− 9 43.6	1.540	2.543	1.9	19.9
5 1	14 3.47	− 9 22.0	1.540	2.540	3.7	20.0
5 11	13 54.85	− 9 6.1	1.567	2.537	8.1	20.3
5 21	13 47.87	− 8 59.4	1.618	2.534	12.2	20.5
5 31	13 43.18	− 9 4.8	1.690	2.531	15.7	20.7

126304 2002 AX_{119} 4 24.6 115°.82 6°.3/30.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 36.88	−32 38.2	2.045	2.813	15.2	20.3
4 1	14 30.92	−33 1.1	1.971	2.825	12.6	20.2
4 11	14 22.71	−33 2.8	1.918	2.838	9.8	20.0
4 21	14 13.06	−32 41.9	1.889	2.850	7.3	19.9
5 1	14 3.06	−31 59.6	1.887	2.861	6.3	19.8
5 11	13 53.87	−31 0.9	1.911	2.872	7.6	19.9
5 21	13 46.40	−29 52.7	1.961	2.883	10.1	20.1
5 31	13 41.27	−28 42.8	2.035	2.894	12.7	20.3

495552 2014 WS_{200} 4 24.6 255°.94 2°.6/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 39.70	−20 1.2	1.885	2.706	14.4	21.5
4 1	14 33.39	−20 17.9	1.778	2.682	11.2	21.3
4 11	14 24.48	−20 22.0	1.694	2.658	7.4	21.0
4 21	14 13.64	−20 12.9	1.636	2.633	3.6	20.7
5 1	14 1.91	−19 52.0	1.607	2.607	3.4	20.6
5 11	13 50.58	−19 23.2	1.605	2.580	7.5	20.8
5 21	13 40.82	−18 52.1	1.630	2.552	11.7	21.0
5 31	13 33.51	−18 24.8	1.677	2.524	15.6	21.2

354764 2005 UQ_{69} 4 24.6 191°.86 0°.4/24.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 36.79	−17 0.7	1.691	2.532	14.8	22.0
4 1	14 31.01	−16 25.0	1.611	2.531	11.1	21.7
4 11	14 22.85	−15 34.6	1.554	2.529	6.8	21.5
4 21	14 13.12	−14 32.7	1.524	2.526	2.0	21.2
5 1	14 2.95	−13 24.9	1.521	2.523	3.0	21.2
5 11	13 53.56	−12 18.6	1.545	2.519	7.8	21.5
5 21	13 45.94	−11 20.6	1.595	2.514	12.1	21.7
5 31	13 40.76	−10 36.4	1.666	2.509	15.9	22.0

65925 1998 FE_{54} 4 24.6 97°.20 2°.3/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 33.20	−11 41.7	1.516	2.380	15.0	18.8
4 1	14 28.32	−10 26.5	1.456	2.390	10.9	18.6
4 11	14 21.16	− 9 0.2	1.420	2.401	6.4	18.4
4 21	14 12.64	− 7 30.0	1.409	2.411	2.5	18.1
5 1	14 3.87	− 6 4.4	1.425	2.421	4.8	18.3
5 11	13 56.04	− 4 51.7	1.467	2.431	9.2	18.6
5 21	13 50.02	− 3 57.7	1.533	2.440	13.3	18.8
5 31	13 46.38	− 3 25.0	1.619	2.450	16.8	19.1

4905 Hiromi 4 24.6 205°.64 1°.6/22.9 18 R

3 22	14 32.04	−11 56.1	2.176	3.024	11.7	17.0
4 1	14 27.01	−10 51.5	2.093	3.019	8.6	16.8
4 11	14 20.26	− 9 37.6	2.036	3.014	5.0	16.6
4 21	14 12.41	− 8 19.0	2.007	3.009	1.8	16.3
5 1	14 4.26	− 7 1.7	2.007	3.003	3.6	16.4
5 11	13 56.66	− 5 51.7	2.036	2.996	7.3	16.7
5 21	13 50.34	− 4 53.9	2.090	2.989	10.7	16.9
5 31	13 45.81	− 4 11.5	2.168	2.981	13.7	17.0

280904 2005 XD_{113} 4 24.6 5°.48 30°.1/30.8 17

3 22	14 53.65	+52 16.2	1.054	1.744	30.8	18.0
4 1	14 44.16	+52 22.6	1.041	1.744	30.5	18.0
4 11	14 30.36	+51 26.3	1.034	1.748	30.3	18.0
4 21	14 14.90	+49 17.5	1.035	1.755	30.1	18.0
5 1	14 0.59	+45 54.7	1.047	1.766	30.1	18.0
5 11	13 49.51	+41 27.3	1.070	1.780	30.2	18.1
5 21	13 42.51	+36 12.1	1.108	1.798	30.4	18.2
5 31	13 39.62	+30 28.1	1.162	1.818	30.8	18.3

304584 2006 VC_{49} 4 24.6 122°.11 1°.7/26.4 18

3 22	14 30.76	−20 57.6	2.539	3.357	11.2	21.3
4 1	14 25.87	−20 36.4	2.462	3.366	8.5	21.2
4 11	14 19.48	−20 3.5	2.410	3.374	5.5	21.0
4 21	14 12.18	−19 20.6	2.385	3.382	2.5	20.8
5 1	14 4.68	−18 30.9	2.389	3.390	2.3	20.8
5 11	13 57.71	−17 38.6	2.422	3.398	5.2	21.0
5 21	13 51.89	−16 48.2	2.482	3.405	8.2	21.2
5 31	13 47.67	−16 3.8	2.567	3.413	10.8	21.4

497514 2006 BR_{77} 4 24.6 136°.78 2°.3/22.6 17

3 22	14 33.46	− 8 17.7	2.077	2.931	12.0	22.3
4 1	14 28.01	− 7 37.0	2.011	2.939	8.7	22.2
4 11	14 20.81	− 6 51.8	1.970	2.948	5.2	21.9
4 21	14 12.54	− 6 6.3	1.955	2.955	2.4	21.8
5 1	14 4.06	− 5 25.2	1.970	2.963	4.1	21.9
5 11	13 56.24	− 4 53.0	2.012	2.970	7.5	22.1
5 21	13 49.79	− 4 32.6	2.080	2.977	10.8	22.3
5 31	13 45.20	− 4 25.9	2.170	2.983	13.7	22.5

347652 2001 TC_{100} 4 24.6 123°.92 1°.4/26.1 17

3 22	14 31.23	−20 0.6	2.473	3.294	11.3	21.0
4 1	14 26.23	−19 36.2	2.398	3.304	8.6	20.8
4 11	14 19.70	−19 0.3	2.347	3.314	5.4	20.6
4 21	14 12.24	−18 14.9	2.324	3.323	2.3	20.4
5 1	14 4.58	−17 23.4	2.331	3.332	2.2	20.4
5 11	13 57.49	−16 30.2	2.366	3.341	5.3	20.6
5 21	13 51.58	−15 39.9	2.428	3.350	8.4	20.8
5 31	13 47.30	−14 56.4	2.514	3.358	11.1	21.0

415887 2001 TV_{28} 4 24.6 116°.61 1°.7/26.3 18

3 22	14 34.23	−21 55.3	2.105	2.923	13.2	21.3
4 1	14 28.56	−21 10.1	2.038	2.942	10.0	21.1
4 11	14 21.10	−20 9.4	1.996	2.960	6.4	20.9
4 21	14 12.61	−18 56.0	1.980	2.978	2.7	20.7
5 1	14 3.98	−17 35.0	1.994	2.995	2.5	20.8
5 11	13 56.14	−16 13.2	2.036	3.012	6.0	21.0
5 21	13 49.78	−14 56.7	2.106	3.028	9.5	21.2
5 31	13 45.38	−13 50.9	2.200	3.043	12.5	21.5

185021 2006 QB_{38} 4 24.6 235°.86 4°.6/21.1 17

3 22	14 35.02	− 3 8.0	1.780	2.641	13.2	20.4
4 1	14 29.58	− 2 15.0	1.701	2.632	9.9	20.2
4 11	14 21.96	− 1 20.3	1.647	2.621	6.5	20.0
4 21	14 12.90	− 0 29.9	1.620	2.611	4.6	19.8
5 1	14 3.39	+ 0 10.0	1.619	2.600	6.5	19.9
5 11	13 54.53	+ 0 34.1	1.645	2.588	10.0	20.1
5 21	13 47.21	+ 0 39.7	1.694	2.576	13.7	20.3
5 31	13 42.09	+ 0 26.3	1.764	2.564	16.8	20.5

55217 2001 RV_{60} 4 24.6 89°.63 2°.7/22.2 18

3 22	14 31.78	− 6 34.0	2.181	3.037	11.4	19.4
4 1	14 26.68	− 5 57.2	2.119	3.048	8.3	19.2
4 11	14 19.98	− 5 17.8	2.082	3.059	5.0	19.0
4 21	14 12.32	− 4 39.8	2.072	3.070	2.7	18.9
5 1	14 4.48	− 4 7.4	2.091	3.081	4.2	19.0
5 11	13 57.26	− 3 44.4	2.137	3.092	7.4	19.2
5 21	13 51.32	− 3 33.1	2.209	3.102	10.4	19.4
5 31	13 47.11	− 3 34.8	2.303	3.113	13.1	19.6

496526 2014 WK_{68} 4 24.6 278°.19 1°.6/25.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 33.60	−19 59.1	1.499	2.344	16.2	21.5
4 1	14 29.22	−19 26.4	1.403	2.323	12.4	21.2
4 11	14 22.11	−18 33.3	1.329	2.301	7.9	20.9
4 21	14 13.02	−17 21.6	1.279	2.280	3.0	20.5
5 1	14 3.15	−15 56.9	1.255	2.258	3.3	20.5
5 11	13 53.90	−14 28.2	1.256	2.235	8.5	20.7
5 21	13 46.49	−13 5.4	1.282	2.213	13.5	20.9
5 31	13 41.80	−11 57.0	1.328	2.191	18.0	21.2

354685 2005 PB_{19} 4 24.6 205°.40 2°.6/21.5 16

3 22	14 29.39	− 5 41.2	2.930	3.780	9.0	21.8
4 1	14 24.67	− 4 49.6	2.848	3.775	6.6	21.7
4 11	14 18.72	− 3 55.5	2.794	3.769	4.1	21.5
4 21	14 11.99	− 3 2.4	2.769	3.763	2.6	21.4
5 1	14 5.05	− 2 14.2	2.773	3.757	3.9	21.4
5 11	13 58.51	− 1 34.3	2.806	3.750	6.4	21.6
5 21	13 52.85	− 1 5.3	2.866	3.742	8.9	21.8
5 31	13 48.49	− 0 48.4	2.949	3.735	11.1	21.9

126290 2002 AZ_{105} 4 24.6 99°.40 0°.8/25.3 18

3 22	14 35.15	−17 12.5	1.924	2.760	13.5	20.8
4 1	14 29.38	−16 53.4	1.862	2.778	10.1	20.6
4 11	14 21.67	−16 22.8	1.824	2.796	6.1	20.4
4 21	14 12.79	−15 43.2	1.812	2.814	2.0	20.2
5 1	14 3.73	−14 58.7	1.829	2.831	2.6	20.2
5 11	13 55.48	−14 14.8	1.873	2.848	6.6	20.5
5 21	13 48.80	−13 36.3	1.944	2.865	10.2	20.8
5 31	13 44.22	−13 7.2	2.037	2.881	13.3	21.0

342137 2008 SX_{127} 4 24.6 300°.17 0°.4/24.9 17

3 22	14 30.27	−18 14.2	1.695	2.544	14.5	20.4
4 1	14 26.46	−17 19.2	1.591	2.515	11.0	20.1
4 11	14 20.33	−16 5.0	1.510	2.486	6.7	19.8
4 21	14 12.53	−14 34.7	1.455	2.457	2.0	19.4
5 1	14 4.05	−12 54.9	1.426	2.429	3.1	19.4
5 11	13 56.07	−11 14.6	1.424	2.400	8.1	19.6
5 21	13 49.62	− 9 43.1	1.447	2.371	12.8	19.8
5 31	13 45.48	− 8 27.8	1.491	2.343	16.9	20.0

200392 2000 RN_{21} 4 24.6 283°.23 2°.6/26.6 18

3 22	14 33.63	−21 29.4	1.808	2.637	14.5	20.5
4 1	14 28.88	−21 25.4	1.708	2.616	11.3	20.2
4 11	14 21.76	−21 5.3	1.629	2.594	7.5	20.0
4 21	14 12.92	−20 29.5	1.576	2.572	3.7	19.7
5 1	14 3.38	−19 40.8	1.549	2.550	3.4	19.6
5 11	13 54.34	−18 44.9	1.549	2.527	7.3	19.8
5 21	13 46.85	−17 48.6	1.574	2.505	11.5	20.0
5 31	13 41.70	−16 58.8	1.622	2.482	15.3	20.2

151773 2003 EK_{26} 4 24.6 61°.60 3°.2/22.2 18

3 22	14 33.06	− 7 34.4	1.569	2.437	14.4	20.0
4 1	14 28.14	− 6 42.9	1.513	2.449	10.5	19.8
4 11	14 21.04	− 5 46.5	1.481	2.461	6.3	19.6
4 21	14 12.64	− 4 51.2	1.475	2.474	3.3	19.4
5 1	14 4.03	− 4 3.6	1.495	2.486	5.3	19.6
5 11	13 56.31	− 3 29.4	1.540	2.499	9.3	19.8
5 21	13 50.33	− 3 11.8	1.609	2.512	13.1	20.1
5 31	13 46.63	− 3 12.2	1.698	2.525	16.3	20.3

324991 2008 BD_{10} 4 24.7 37°.33 3°.8/26.9 17

3 22	14 36.27	−21 43.5	1.412	2.251	17.3	20.7
4 1	14 31.09	−22 10.6	1.346	2.258	13.5	20.5
4 11	14 23.11	−22 20.3	1.300	2.265	9.1	20.3
4 21	14 13.27	−22 12.3	1.278	2.272	4.9	20.0
5 1	14 2.92	−21 48.9	1.281	2.280	4.4	20.0
5 11	13 53.54	−21 15.9	1.309	2.288	8.2	20.3
5 21	13 46.30	−20 40.8	1.361	2.297	12.5	20.5
5 31	13 41.92	−20 10.4	1.433	2.306	16.3	20.8

289344 2005 BD_{6} 4 24.7 154°.72 2°.9/22.5 16

3 22	14 36.81	− 7 22.1	1.800	2.656	13.4	21.2
4 1	14 30.73	− 6 40.8	1.734	2.663	9.8	21.0
4 11	14 22.55	− 5 55.1	1.692	2.670	5.9	20.7
4 21	14 13.07	− 5 9.9	1.677	2.676	3.0	20.6
5 1	14 3.31	− 4 30.6	1.690	2.681	4.8	20.7
5 11	13 54.34	− 4 2.2	1.730	2.686	8.6	20.9
5 21	13 47.01	− 3 47.8	1.795	2.691	12.3	21.2
5 31	13 41.89	− 3 49.0	1.881	2.694	15.5	21.4

153677 2001 TS_{194} 4 24.7 185°.77 2°.8/26.9 17

3 22	14 36.00	−22 6.4	2.088	2.903	13.4	20.8
4 1	14 30.16	−22 11.2	2.004	2.903	10.4	20.6
4 11	14 22.27	−22 2.1	1.943	2.903	7.0	20.4
4 21	14 13.01	−21 39.6	1.908	2.902	3.7	20.2
5 1	14 3.35	−21 5.9	1.902	2.900	3.2	20.1
5 11	13 54.30	−20 25.5	1.923	2.899	6.4	20.3
5 21	13 46.72	−19 43.8	1.971	2.896	9.9	20.5
5 31	13 41.25	−19 6.1	2.043	2.894	13.0	20.7

52419 1994 *HX* 4 24.7 223°.36 0°.5/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 36.74	−14 21.8	1.675	2.523	14.6	21.1
4 1	14 31.10	−13 47.8	1.589	2.514	10.9	20.8
4 11	14 23.01	−13 1.5	1.527	2.504	6.5	20.5
4 21	14 13.25	−12 6.2	1.490	2.493	1.7	20.2
5 1	14 2.93	−11 7.5	1.481	2.482	3.4	20.3
5 11	13 53.29	−10 12.4	1.499	2.470	8.3	20.5
5 21	13 45.38	− 9 27.1	1.542	2.458	12.7	20.7
5 31	13 39.93	− 8 56.4	1.606	2.445	16.5	21.0

343716 2011 EW_{54} 4 24.7 318°.44 2°.5/22.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.30	− 7 53.4	1.666	2.530	13.9	20.1
4 1	14 28.48	− 7 30.6	1.588	2.522	10.2	19.9
4 11	14 21.39	− 7 3.3	1.534	2.514	6.1	19.6
4 21	14 12.80	− 6 35.6	1.505	2.506	2.7	19.4
5 1	14 3.73	− 6 12.4	1.503	2.498	4.6	19.5
5 11	13 55.32	− 5 58.5	1.526	2.491	8.8	19.7
5 21	13 48.53	− 5 57.3	1.574	2.484	12.9	19.9
5 31	13 44.03	− 6 10.6	1.642	2.477	16.4	20.1

299937 2006 TU_{39} 4 24.7 162°.99 0°.1/24.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.38	−14 50.0	2.469	3.306	10.9	21.6
4 1	14 26.37	−14 30.6	2.390	3.309	8.0	21.5
4 11	14 19.83	−14 3.3	2.336	3.311	4.8	21.3
4 21	14 12.33	−13 30.3	2.310	3.312	1.3	21.0
5 1	14 4.57	−12 55.0	2.312	3.314	2.2	21.1
5 11	13 57.32	−12 21.0	2.344	3.316	5.7	21.3
5 21	13 51.20	−11 51.9	2.402	3.317	8.8	21.5
5 31	13 46.69	−11 30.8	2.484	3.318	11.5	21.7

125948 2001 XH_{251} 4 24.7 174°.21 2°.8/22.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 34.09	− 6 54.1	1.933	2.790	12.6	19.9
4 1	14 28.67	− 6 16.6	1.861	2.791	9.2	19.7
4 11	14 21.32	− 5 35.4	1.815	2.792	5.6	19.5
4 21	14 12.74	− 4 55.0	1.795	2.793	2.9	19.3
5 1	14 3.87	− 4 20.3	1.803	2.794	4.6	19.4
5 11	13 55.65	− 3 55.8	1.838	2.794	8.2	19.6
5 21	13 48.89	− 3 44.4	1.898	2.794	11.7	19.8
5 31	13 44.14	− 3 47.6	1.979	2.794	14.8	20.0

508291 2015 KY_{16} 4 24.7 250°.12 4°.9/19.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 29.43	− 0 7.1	2.347	3.207	10.5	21.6
4 1	14 24.99	+ 1 3.3	2.273	3.200	8.0	21.4
4 11	14 19.04	+ 2 13.2	2.225	3.192	5.7	21.2
4 21	14 12.12	+ 3 17.2	2.205	3.184	4.9	21.1
5 1	14 4.94	+ 4 9.8	2.213	3.176	6.4	21.2
5 11	13 58.24	+ 4 47.1	2.247	3.168	8.9	21.4
5 21	13 52.63	+ 5 6.8	2.306	3.160	11.5	21.5
5 31	13 48.61	+ 5 8.4	2.385	3.152	13.9	21.7

386542 2009 CL_{62} 4 24.7 51°.08 3°.1/27.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 34.07	−22 24.3	1.902	2.724	14.2	20.4
4 1	14 28.73	−22 37.4	1.840	2.743	11.0	20.2
4 11	14 21.36	−22 35.8	1.801	2.761	7.4	20.0
4 21	14 12.75	−22 20.2	1.788	2.780	4.0	19.9
5 1	14 3.90	−21 53.1	1.801	2.799	3.5	19.9
5 11	13 55.84	−21 19.4	1.842	2.819	6.5	20.1
5 21	13 49.38	−20 44.2	1.908	2.838	9.8	20.3
5 31	13 45.09	−20 12.9	1.997	2.858	12.9	20.5

51282 2000 KC_{7} 4 24.7 160°.20 3°.8/21.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 32.60	− 2 0.8	2.364	3.218	10.7	18.9
4 1	14 27.23	− 1 24.6	2.296	3.221	7.9	18.7
4 11	14 20.32	− 0 49.2	2.253	3.224	5.2	18.5
4 21	14 12.46	− 0 18.5	2.238	3.227	3.8	18.4
5 1	14 4.38	+ 0 3.6	2.252	3.229	5.2	18.5
5 11	13 56.86	+ 0 14.1	2.293	3.232	7.8	18.7
5 21	13 50.51	+ 0 11.5	2.360	3.234	10.6	18.9
5 31	13 45.80	− 0 4.6	2.448	3.235	13.0	19.1

363531 2003 UH_{262} 4 24.7 201°.33 0°.1/24.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 35.79	−15 34.5	2.072	2.907	12.7	22.3
4 1	14 29.94	−15 3.6	1.985	2.903	9.5	22.1
4 11	14 22.11	−14 21.7	1.923	2.897	5.7	21.9
4 21	14 12.98	−13 31.5	1.888	2.891	1.6	21.6
5 1	14 3.46	−12 37.4	1.883	2.885	2.7	21.7
5 11	13 54.54	−11 45.0	1.906	2.877	6.8	21.9
5 21	13 47.03	−10 59.3	1.956	2.869	10.6	22.1
5 31	13 41.56	−10 24.5	2.028	2.860	13.8	22.3

409048 2003 SD_{68} 4 24.7 133°.54 2°.5/26.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 36.67	−21 57.4	1.797	2.620	14.9	21.9
4 1	14 30.77	−21 42.3	1.727	2.632	11.4	21.7
4 11	14 22.64	−21 10.4	1.679	2.643	7.5	21.5
4 21	14 13.11	−20 23.4	1.657	2.653	3.6	21.3
5 1	14 3.29	−19 25.4	1.662	2.663	3.2	21.2
5 11	13 54.32	−18 22.9	1.695	2.672	6.9	21.5
5 21	13 47.10	−17 22.8	1.754	2.681	10.8	21.7
5 31	13 42.23	−16 31.2	1.835	2.689	14.1	22.0

192808 1999 VO_{59} 4 24.7 207°.42 0°.5/25.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 32.90	−16 55.7	2.450	3.279	11.2	21.6
4 1	14 27.57	−16 30.0	2.360	3.273	8.4	21.4
4 11	14 20.59	−15 54.2	2.295	3.267	5.1	21.2
4 21	14 12.56	−15 10.5	2.258	3.260	1.6	20.9
5 1	14 4.20	−14 22.2	2.251	3.253	2.2	21.0
5 11	13 56.33	−13 33.9	2.272	3.245	5.7	21.2
5 21	13 49.62	−12 49.8	2.321	3.237	9.0	21.4
5 31	13 44.58	−12 13.8	2.394	3.228	11.9	21.6

66747 1999 TO_{139} 4 24.7 303°.76 0°.7/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 29.47	−15 43.3	1.695	2.551	14.1	19.3
4 1	14 25.75	−14 41.0	1.603	2.532	10.5	19.0
4 11	14 19.84	−13 22.4	1.533	2.512	6.3	18.7
4 21	14 12.40	−11 52.0	1.489	2.492	1.6	18.4
5 1	14 4.43	−10 17.0	1.472	2.473	3.5	18.4
5 11	13 57.04	− 8 46.2	1.482	2.454	8.3	18.7
5 21	13 51.16	− 7 27.7	1.516	2.435	12.7	18.9
5 31	13 47.49	− 6 27.4	1.571	2.416	16.5	19.1

430435 1999 XV_{239} 4 24.7 181°.75 2°.3/22.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.81	− 6 45.0	2.537	3.383	10.3	21.7
4 1	14 28.06	− 6 15.1	2.460	3.384	7.6	21.5
4 11	14 20.81	− 5 42.6	2.408	3.384	4.6	21.4
4 21	14 12.60	− 5 10.7	2.386	3.384	2.3	21.2
5 1	14 4.16	− 4 42.9	2.393	3.383	3.7	21.3
5 11	13 56.21	− 4 22.5	2.429	3.382	6.7	21.5
5 21	13 49.39	− 4 11.9	2.492	3.380	9.6	21.7
5 31	13 44.15	− 4 12.3	2.578	3.377	12.1	21.8

149746 2004 NW_{30} 4 24.7 257°.05 3°.5/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 29.97	− 2 57.7	2.542	3.398	10.0	19.9
4 1	14 25.33	− 2 10.7	2.458	3.385	7.4	19.7
4 11	14 19.23	− 1 22.7	2.400	3.373	4.9	19.6
4 21	14 12.19	− 0 37.9	2.370	3.360	3.5	19.4
5 1	14 4.86	− 0 0.5	2.369	3.347	4.9	19.5
5 11	13 57.94	+ 0 25.9	2.396	3.334	7.6	19.7
5 21	13 52.04	+ 0 39.2	2.448	3.321	10.3	19.8
5 31	13 47.63	+ 0 38.2	2.522	3.307	12.7	20.0

128670 2004 RB_{61} 4 24.7 190°.51 1°.3/25.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 36.45	−17 26.3	2.192	3.018	12.4	20.3
4 1	14 30.38	−17 33.3	2.107	3.017	9.4	20.1
4 11	14 22.36	−17 30.8	2.047	3.016	5.9	19.9
4 21	14 13.06	−17 19.4	2.014	3.014	2.3	19.7
5 1	14 3.36	−17 1.6	2.010	3.012	2.5	19.7
5 11	13 54.22	−16 40.9	2.035	3.009	6.2	19.9
5 21	13 46.45	−16 21.3	2.086	3.006	9.7	20.1
5 31	13 40.66	−16 6.7	2.162	3.003	12.8	20.3

374364 2005 UB_{242} 4 24.7 184°.76 0°.6/25.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 35.26	−15 50.4	1.932	2.771	13.3	21.4
4 1	14 29.67	−15 44.0	1.853	2.771	10.0	21.2
4 11	14 21.99	−15 27.5	1.798	2.771	6.1	21.0
4 21	14 12.96	−15 2.7	1.769	2.771	1.9	20.7
5 1	14 3.54	−14 33.1	1.768	2.770	2.6	20.7
5 11	13 54.76	−14 3.3	1.795	2.769	6.8	21.0
5 21	13 47.50	−13 37.8	1.847	2.768	10.7	21.2
5 31	13 42.37	−13 20.6	1.923	2.767	14.0	21.4

117685 2005 ED_{247} 4 24.7 297°.03 0°.5/24.9 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 34.13	−15 32.7	1.465	2.322	15.9	20.0
4 1	14 29.65	−15 24.2	1.374	2.301	12.0	19.7
4 11	14 22.42	−15 2.6	1.304	2.281	7.4	19.4
4 21	14 13.17	−14 29.9	1.258	2.260	2.2	19.0
5 1	14 3.09	−13 50.5	1.237	2.240	3.4	19.0
5 11	13 53.59	−13 11.0	1.242	2.220	8.7	19.3
5 21	13 45.93	−12 38.0	1.270	2.200	13.7	19.5
5 31	13 41.00	−12 17.3	1.318	2.181	18.1	19.7

188247 2002 WS_{23} 4 24.7 272°.94 1°.0/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 24.47	− 8 40.6	4.396	5.239	6.3	20.3
4 1	14 20.78	− 8 21.2	4.311	5.235	4.6	20.2
4 11	14 16.32	− 7 59.7	4.254	5.231	2.7	20.0
4 21	14 11.37	− 7 37.8	4.226	5.227	1.1	19.9
5 1	14 6.30	− 7 17.2	4.228	5.222	2.0	20.0
5 11	14 1.46	− 6 59.8	4.260	5.218	3.9	20.1
5 21	13 57.17	− 6 47.1	4.319	5.214	5.7	20.2
5 31	13 53.69	− 6 40.1	4.404	5.210	7.4	20.3

415084 2012 BO_{111} 4 24.7 54°.31 2°.0/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 34.45	−11 0.8	1.320	2.190	16.4	20.6
4 1	14 29.44	−10 18.0	1.272	2.209	11.9	20.4
4 11	14 21.92	− 9 26.4	1.246	2.228	7.0	20.1
4 21	14 12.92	− 8 31.8	1.245	2.247	2.4	19.9
5 1	14 3.75	− 7 41.5	1.269	2.267	4.6	20.1
5 11	13 55.72	− 7 2.4	1.317	2.287	9.3	20.4
5 21	13 49.76	− 6 39.0	1.388	2.307	13.6	20.7
5 31	13 46.41	− 6 33.2	1.479	2.327	17.2	21.0

261325 2005 UN_{223} 4 24.7 280°.53 0°.8/25.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 34.91	−15 13.9	2.358	3.190	11.5	21.2
4 1	14 29.16	−15 31.9	2.269	3.183	8.6	21.0
4 11	14 21.62	−15 43.2	2.205	3.176	5.3	20.8
4 21	14 12.87	−15 48.5	2.168	3.170	1.8	20.5
5 1	14 3.70	−15 49.3	2.161	3.163	2.3	20.5
5 11	13 54.99	−15 48.4	2.183	3.156	5.9	20.8
5 21	13 47.49	−15 48.5	2.231	3.150	9.2	20.9
5 31	13 41.78	−15 52.5	2.304	3.143	12.1	21.1

354690 2005 QY_{35} 4 24.7 206°.89 4°.6/29.6 18

3 22	14 34.65	−30 58.7	3.044	3.799	11.0	21.3
4 1	14 28.79	−31 23.9	2.945	3.793	9.1	21.1
4 11	14 21.32	−31 35.5	2.870	3.787	7.0	21.0
4 21	14 12.78	−31 32.5	2.821	3.781	5.2	20.9
5 1	14 3.85	−31 15.3	2.801	3.774	4.6	20.8
5 11	13 55.31	−30 46.3	2.809	3.766	5.7	20.9
5 21	13 47.81	−30 9.1	2.846	3.759	7.7	21.0
5 31	13 41.90	−29 28.4	2.907	3.751	9.8	21.1

66638 1999 RD_{218} 4 24.7 325°.74 6°.7/18.7 18

3 22	14 29.05	− 0 47.1	1.557	2.436	13.9	18.5
4 1	14 25.39	+ 0 51.4	1.490	2.426	10.5	18.3
4 11	14 19.57	+ 2 31.4	1.446	2.416	7.6	18.1
4 21	14 12.33	+ 4 3.6	1.426	2.407	6.8	18.0
5 1	14 4.67	+ 5 18.5	1.433	2.398	8.9	18.1
5 11	13 57.72	+ 6 9.1	1.463	2.390	12.3	18.3
5 21	13 52.35	+ 6 32.5	1.514	2.382	15.7	18.4
5 31	13 49.20	+ 6 28.8	1.583	2.375	18.8	18.6

503421 2016 DL_{27} 4 24.7 296°.96 0°.4/24.8 17

3 22	14 37.86	−13 20.8	1.452	2.307	16.0	20.8
4 1	14 32.38	−13 39.4	1.368	2.295	12.1	20.5
4 11	14 24.03	−13 50.0	1.305	2.283	7.4	20.2
4 21	14 13.61	−13 53.6	1.268	2.271	2.1	19.8
5 1	14 2.39	−13 52.9	1.256	2.259	3.4	19.9
5 11	13 51.85	−13 52.2	1.270	2.247	8.7	20.2
5 21	13 43.26	−13 55.8	1.308	2.235	13.6	20.4
5 31	13 37.53	−14 7.8	1.366	2.224	17.8	20.6

418987 2009 KX_{11} 4 24.7 188°.46 2°.7/19.9 18

3 22	14 25.26	+ 1 56.8	4.738	5.583	5.9	21.0
4 1	14 21.27	+ 2 17.8	4.665	5.583	4.5	20.9
4 11	14 16.57	+ 2 36.6	4.621	5.582	3.2	20.8
4 21	14 11.45	+ 2 51.6	4.605	5.581	2.7	20.7
5 1	14 6.23	+ 3 1.0	4.620	5.581	3.4	20.8
5 11	14 1.23	+ 3 3.6	4.663	5.580	4.8	20.9
5 21	13 56.76	+ 2 58.6	4.733	5.579	6.2	21.0
5 31	13 53.06	+ 2 45.9	4.827	5.578	7.5	21.1

148425 2000 WZ_{114} 4 24.7 148°.24 1°.3/26.1 18

3 22	14 31.54	−19 21.6	2.878	3.695	10.1	20.4
4 1	14 26.32	−19 11.8	2.799	3.702	7.6	20.2
4 11	14 19.74	−18 52.9	2.744	3.710	4.8	20.1
4 21	14 12.33	−18 26.1	2.718	3.716	2.1	19.9
5 1	14 4.72	−17 53.8	2.722	3.723	2.0	19.9
5 11	13 57.56	−17 19.4	2.755	3.729	4.7	20.1
5 21	13 51.41	−16 46.0	2.816	3.735	7.5	20.2
5 31	13 46.70	−16 17.0	2.901	3.741	9.9	20.4

52533 1996 TJ_{10} 4 24.7 266°.58 9°.0/26.9 18

3 22	14 49.81	−24 55.8	1.187	2.007	21.1	17.6
4 1	14 42.72	−27 5.2	1.105	1.998	17.3	17.3
4 11	14 31.10	−29 2.6	1.042	1.989	13.1	17.1
4 21	14 15.75	−30 37.6	1.003	1.979	9.7	16.8
5 1	13 58.50	−31 41.6	0.988	1.969	9.3	16.8
5 11	13 41.88	−32 13.3	0.997	1.959	12.5	16.9
5 21	13 28.19	−32 19.5	1.028	1.950	17.0	17.1
5 31	13 18.97	−32 12.3	1.077	1.940	21.2	17.3

354181 2002 DG 4 24.7 128°.44 4°.4/29.4 18

3 22	14 33.15	−29 35.1	2.679	3.451	11.9	21.2
4 1	14 27.72	−29 46.7	2.598	3.460	9.7	21.1
4 11	14 20.67	−29 43.0	2.540	3.469	7.2	21.0
4 21	14 12.60	−29 24.0	2.508	3.478	5.1	20.8
5 1	14 4.26	−28 51.0	2.504	3.486	4.4	20.8
5 11	13 56.46	−28 7.5	2.529	3.494	5.7	20.9
5 21	13 49.86	−27 18.1	2.580	3.502	8.0	21.0
5 31	13 44.97	−26 27.8	2.657	3.510	10.3	21.2

205868 2002 EC_{97} 4 24.7 21°.05 4°.8/27.9 18

3 22	14 33.73	−25 27.9	1.317	2.152	18.6	19.3
4 1	14 29.47	−25 33.5	1.248	2.154	14.7	19.1
4 11	14 22.27	−25 14.9	1.198	2.157	10.3	18.8
4 21	14 13.11	−24 32.0	1.170	2.161	6.2	18.6
5 1	14 3.40	−23 28.7	1.167	2.164	5.1	18.5
5 11	13 54.72	−22 13.6	1.188	2.169	8.6	18.7
5 21	13 48.26	−20 57.1	1.231	2.173	13.0	19.0
5 31	13 44.78	−19 48.6	1.296	2.178	17.1	19.3

178667 2000 QW_{137} 4 24.7 193°.98 3°.8/28.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 35.42	−25 59.5	2.639	3.426	11.7	20.4
4 1	14 29.48	−26 27.7	2.548	3.425	9.3	20.2
4 11	14 21.79	−26 43.5	2.482	3.423	6.8	20.1
4 21	14 12.93	−26 46.0	2.442	3.421	4.5	19.9
5 1	14 3.67	−26 36.1	2.431	3.419	3.9	19.9
5 11	13 54.85	−26 16.3	2.449	3.416	5.7	20.0
5 21	13 47.21	−25 50.4	2.494	3.413	8.3	20.1
5 31	13 41.32	−25 23.1	2.564	3.410	10.8	20.3

341757 2007 VD_{311} 4 24.7 219°.15 1°.6/23.1 18

3 22	14 31.43	− 9 57.9	2.319	3.169	11.0	21.3
4 1	14 26.52	− 9 22.3	2.237	3.164	8.1	21.1
4 11	14 19.99	− 8 41.1	2.181	3.159	4.8	20.9
4 21	14 12.43	− 7 57.6	2.153	3.154	1.8	20.7
5 1	14 4.57	− 7 16.2	2.153	3.149	3.4	20.8
5 11	13 57.21	− 6 40.9	2.182	3.144	6.7	21.0
5 21	13 51.02	− 6 15.1	2.237	3.138	10.0	21.2
5 31	13 46.50	− 6 1.1	2.314	3.132	12.8	21.4

365550 2010 TJ_{5} 4 24.7 253°.81 0°.6/24.2 17

3 22	14 36.22	−13 11.7	1.771	2.619	14.0	21.7
4 1	14 30.72	−12 49.9	1.677	2.602	10.4	21.5
4 11	14 22.84	−12 18.0	1.606	2.584	6.2	21.2
4 21	14 13.27	−11 39.0	1.562	2.565	1.7	20.8
5 1	14 3.05	−10 57.4	1.545	2.546	3.3	20.9
5 11	13 53.37	−10 18.8	1.555	2.526	8.1	21.1
5 21	13 45.26	− 9 48.7	1.590	2.506	12.4	21.3
5 31	13 39.50	− 9 31.1	1.647	2.485	16.2	21.5

89443 2001 WH_{57} 4 24.7 271°.21 0°.1/24.8 18

3 22	14 30.98	−15 20.2	2.216	3.057	11.8	20.2
4 1	14 26.32	−14 56.4	2.130	3.050	8.7	20.0
4 11	14 19.94	−14 23.0	2.069	3.044	5.3	19.7
4 21	14 12.44	−13 42.6	2.034	3.037	1.5	19.5
5 1	14 4.59	−12 59.0	2.028	3.030	2.4	19.5
5 11	13 57.25	−12 16.8	2.051	3.024	6.2	19.7
5 21	13 51.13	−11 40.2	2.099	3.017	9.7	19.9
5 31	13 46.78	−11 12.9	2.170	3.010	12.7	20.1

86968 2000 JW_{10} 4 24.7 250°.50 0°.2/24.8 18

3 22	14 33.21	−16 6.8	1.817	2.662	13.8	20.0
4 1	14 28.35	−15 33.9	1.731	2.653	10.3	19.8
4 11	14 21.32	−14 48.0	1.667	2.643	6.2	19.5
4 21	14 12.84	−13 52.2	1.630	2.633	1.8	19.2
5 1	14 3.89	−12 51.6	1.620	2.623	2.9	19.2
5 11	13 55.55	−11 52.5	1.638	2.612	7.4	19.5
5 21	13 48.74	−11 1.2	1.681	2.601	11.5	19.7
5 31	13 44.12	−10 22.5	1.745	2.591	15.1	19.9

75927 2000 CE_{67} 4 24.7 162°.81 4°.6/19.5 18

3 22	14 30.72	− 1 3.6	2.379	3.237	10.5	20.0
4 1	14 25.86	+ 0 15.4	2.315	3.241	7.9	19.8
4 11	14 19.53	+ 1 34.3	2.277	3.245	5.5	19.7
4 21	14 12.30	+ 2 47.4	2.268	3.249	4.7	19.6
5 1	14 4.88	+ 3 49.2	2.287	3.252	6.1	19.7
5 11	13 58.01	+ 4 35.7	2.334	3.255	8.6	19.9
5 21	13 52.26	+ 5 4.5	2.405	3.257	11.2	20.1
5 31	13 48.10	+ 5 15.2	2.498	3.259	13.5	20.2

409806 2006 HM_{65} 4 24.7 218°.85 0°.5/24.3 16

3 22	14 34.40	−15 13.9	1.737	2.585	14.2	21.7
4 1	14 29.26	−14 24.8	1.654	2.578	10.5	21.4
4 11	14 21.87	−13 22.1	1.594	2.572	6.3	21.1
4 21	14 12.99	−12 9.7	1.561	2.564	1.7	20.8
5 1	14 3.66	−10 54.0	1.556	2.557	3.3	20.9
5 11	13 55.03	− 9 42.6	1.577	2.548	7.9	21.2
5 21	13 48.01	− 8 42.2	1.624	2.540	12.2	21.4
5 31	13 43.29	− 7 57.6	1.692	2.531	15.8	21.6

310460 2000 QA_{228} 4 24.7 304°.13 4°.8/27.7 17

3 22	14 33.89	−24 35.8	1.341	2.178	18.2	19.9
4 1	14 29.82	−24 49.8	1.255	2.163	14.5	19.6
4 11	14 22.69	−24 41.5	1.189	2.149	10.2	19.3
4 21	14 13.32	−24 9.6	1.144	2.135	6.1	19.0
5 1	14 3.06	−23 16.3	1.124	2.122	5.2	18.9
5 11	13 53.57	−22 9.0	1.128	2.109	8.9	19.1
5 21	13 46.20	−20 57.7	1.154	2.096	13.7	19.3
5 31	13 41.93	−19 52.4	1.200	2.083	18.1	19.5

410479 2008 DY_{13} 4 24.7 139°.49 0°.4/24.4 18

3 22	14 36.81	−13 49.1	2.035	2.874	12.8	22.5
4 1	14 30.55	−13 23.6	1.967	2.887	9.4	22.3
4 11	14 22.41	−12 49.3	1.924	2.900	5.6	22.1
4 21	14 13.10	−12 9.3	1.909	2.912	1.5	21.8
5 1	14 3.58	−11 27.8	1.922	2.923	2.8	21.9
5 11	13 54.80	−10 49.7	1.964	2.934	6.8	22.2
5 21	13 47.52	−10 19.0	2.033	2.944	10.3	22.4
5 31	13 42.27	− 9 58.9	2.124	2.953	13.4	22.7

502636 2015 CZ_{32} 4 24.7 140°.72 6°.7/17.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 31.56	+ 4 37.3	2.182	3.039	11.3	21.1
4 1	14 26.55	+ 6 9.6	2.130	3.047	8.9	21.0
4 11	14 19.97	+ 7 37.0	2.103	3.055	7.1	20.9
4 21	14 12.44	+ 8 52.6	2.104	3.063	6.8	20.9
5 1	14 4.74	+ 9 50.5	2.132	3.070	8.2	21.0
5 11	13 57.67	+10 27.0	2.186	3.077	10.5	21.1
5 21	13 51.86	+10 41.3	2.263	3.084	12.9	21.3
5 31	13 47.76	+10 34.4	2.359	3.090	14.9	21.4

118787 2000 RA_{99} 4 24.7 105°.17 5°.5/30.2 17 R

3 22	14 36.09	−31 59.2	2.086	2.857	14.9	19.3
4 1	14 30.21	−31 57.5	2.016	2.876	12.2	19.1
4 11	14 22.26	−31 34.3	1.969	2.894	9.2	19.0
4 21	14 13.07	−30 49.5	1.945	2.913	6.6	18.9
5 1	14 3.68	−29 45.6	1.949	2.930	5.5	18.8
5 11	13 55.14	−28 28.5	1.981	2.948	6.9	18.9
5 21	13 48.27	−27 5.8	2.039	2.965	9.5	19.1
5 31	13 43.61	−25 45.0	2.121	2.981	12.3	19.3

235403 2003 WM_{185} 4 24.7 278°.52 1°.2/23.7 18

3 22	14 32.26	−11 24.2	2.012	2.865	12.3	20.6
4 1	14 27.38	−10 58.9	1.933	2.861	9.1	20.4
4 11	14 20.62	−10 26.6	1.878	2.857	5.4	20.2
4 21	14 12.65	− 9 50.6	1.850	2.853	1.6	19.9
5 1	14 4.33	− 9 15.0	1.850	2.849	3.2	20.0
5 11	13 56.59	− 8 44.7	1.877	2.846	7.1	20.3
5 21	13 50.20	− 8 23.2	1.930	2.842	10.8	20.5
5 31	13 45.73	− 8 13.3	2.005	2.838	13.9	20.7

330998 2009 UC_{37} 4 24.7 256°.21 0°.5/24.3 17

3 22	14 34.59	−13 4.3	1.852	2.701	13.4	21.3
4 1	14 29.35	−12 46.8	1.765	2.690	10.0	21.0
4 11	14 21.94	−12 20.3	1.701	2.679	5.9	20.8
4 21	14 13.04	−11 47.8	1.664	2.667	1.6	20.4
5 1	14 3.64	−11 13.2	1.654	2.655	3.1	20.5
5 11	13 54.80	−10 41.7	1.672	2.643	7.5	20.8
5 21	13 47.47	−10 17.9	1.715	2.631	11.6	21.0
5 31	13 42.32	−10 5.3	1.779	2.619	15.1	21.2

276555 2003 SV_{152} 4 24.7 346°.13 7°.6/17.8 17

3 22	14 29.16	+ 2 28.8	1.598	2.474	13.7	19.3
4 1	14 25.39	+ 4 6.5	1.538	2.469	10.7	19.1
4 11	14 19.54	+ 5 41.3	1.502	2.465	8.2	18.9
4 21	14 12.37	+ 7 3.8	1.490	2.461	7.8	18.9
5 1	14 4.86	+ 8 5.5	1.504	2.458	9.7	19.0
5 11	13 58.08	+ 8 41.1	1.541	2.455	12.7	19.1
5 21	13 52.86	+ 8 48.8	1.599	2.453	15.8	19.3
5 31	13 49.78	+ 8 30.1	1.675	2.451	18.5	19.5

356811 2011 UD_{362} 4 24.7 258°.77 3°.4/21.5 18

3 22	14 32.13	− 2 32.5	2.481	3.334	10.3	20.8
4 1	14 26.95	− 2 6.0	2.399	3.325	7.6	20.7
4 11	14 20.24	− 1 40.0	2.343	3.315	5.0	20.5
4 21	14 12.54	− 1 17.7	2.315	3.306	3.4	20.4
5 1	14 4.55	− 1 2.8	2.315	3.296	4.8	20.4
5 11	13 56.99	− 0 58.2	2.343	3.286	7.5	20.6
5 21	13 50.52	− 1 5.3	2.397	3.276	10.3	20.7
5 31	13 45.61	− 1 24.8	2.474	3.266	12.8	20.9

61747 2000 QJ_{155} 4 24.7 209°.65 2°.3/27.1 18

3 22	14 30.82	−23 11.0	2.394	3.206	12.0	19.7
4 1	14 26.14	−22 45.8	2.306	3.204	9.3	19.6
4 11	14 19.81	−22 6.0	2.242	3.201	6.2	19.4
4 21	14 12.43	−21 13.4	2.204	3.198	3.2	19.2
5 1	14 4.76	−20 11.1	2.196	3.196	2.7	19.1
5 11	13 57.61	−19 4.3	2.216	3.193	5.5	19.3
5 21	13 51.67	−17 58.4	2.263	3.190	8.7	19.5
5 31	13 47.45	−16 58.5	2.335	3.187	11.6	19.7

497422 2005 WB_{166} 4 24.7 193°.49 4°.4/20.5 17

3 22	14 35.40	+ 0 20.6	2.485	3.331	10.5	22.7
4 1	14 29.28	+ 1 2.8	2.409	3.329	7.9	22.5
4 11	14 21.59	+ 1 43.0	2.360	3.326	5.5	22.3
4 21	14 12.90	+ 2 17.1	2.340	3.322	4.4	22.2
5 1	14 3.97	+ 2 41.0	2.349	3.317	5.7	22.3
5 11	13 55.54	+ 2 51.8	2.386	3.311	8.2	22.5
5 21	13 48.28	+ 2 48.1	2.448	3.305	10.9	22.6
5 31	13 42.66	+ 2 29.9	2.533	3.298	13.2	22.8

334755 2003 RJ_{7} 4 24.7 216°.98 1°.1/25.8 18

3 22	14 32.14	−19 14.8	2.352	3.177	11.7	21.1
4 1	14 27.13	−18 42.0	2.260	3.170	8.9	20.9
4 11	14 20.42	−17 56.5	2.194	3.163	5.6	20.7
4 21	14 12.61	−17 0.7	2.155	3.155	2.1	20.4
5 1	14 4.47	−15 58.3	2.144	3.147	2.3	20.4
5 11	13 56.83	−14 54.6	2.163	3.138	5.8	20.6
5 21	13 50.40	−13 54.7	2.209	3.129	9.2	20.8
5 31	13 45.71	−13 3.2	2.279	3.120	12.2	21.0

351500 2005 QN_{182} 4 24.7 223°.04 2°.4/26.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 37.99	−19 51.8	1.452	2.293	16.9	21.6
4 1	14 32.47	−19 53.6	1.372	2.288	13.0	21.3
4 11	14 24.08	−19 38.5	1.313	2.283	8.4	21.1
4 21	14 13.68	−19 7.1	1.278	2.277	3.7	20.8
5 1	14 2.60	−18 23.1	1.269	2.271	3.6	20.7
5 11	13 52.36	−17 33.3	1.286	2.265	8.4	21.0
5 21	13 44.17	−16 45.6	1.327	2.258	13.1	21.2
5 31	13 38.88	−16 7.0	1.388	2.252	17.3	21.5

54020 2000 GT_{99} 4 24.7 348°.47 0°.4/24.9 18

3 22	14 30.08	−17 38.3	1.123	1.996	18.5	18.8
4 1	14 27.00	−16 53.8	1.055	1.991	13.9	18.5
4 11	14 20.93	−15 47.6	1.006	1.987	8.5	18.2
4 21	14 12.83	−14 24.5	0.980	1.983	2.5	17.8
5 1	14 4.12	−12 53.8	0.977	1.980	3.8	17.9
5 11	13 56.42	−11 27.2	0.997	1.978	9.8	18.2
5 21	13 50.96	−10 15.2	1.038	1.977	15.2	18.5
5 31	13 48.53	− 9 24.9	1.098	1.977	19.7	18.8

370940 2005 RD_{31} 4 24.7 52°.07 5°.6/20.5 18

3 22	14 32.30	− 3 0.2	1.458	2.334	14.8	20.0
4 1	14 27.69	− 1 42.9	1.410	2.347	11.0	19.8
4 11	14 20.86	− 0 25.0	1.385	2.361	7.3	19.6
4 21	14 12.72	+ 0 45.1	1.385	2.375	5.6	19.5
5 1	14 4.39	+ 1 39.5	1.411	2.389	7.6	19.7
5 11	13 57.03	+ 2 12.8	1.461	2.404	11.1	19.9
5 21	13 51.46	+ 2 22.8	1.533	2.418	14.6	20.2
5 31	13 48.22	+ 2 10.4	1.624	2.433	17.7	20.4

274388 2008 RH_{107} 4 24.7 285°.36 4°.2/21.0 17

3 22	14 32.41	− 4 49.9	1.870	2.734	12.6	20.8
4 1	14 27.80	− 3 47.2	1.774	2.706	9.4	20.5
4 11	14 21.07	− 2 39.3	1.701	2.677	6.1	20.3
4 21	14 12.85	− 1 32.2	1.656	2.649	4.2	20.1
5 1	14 4.02	− 0 32.7	1.637	2.620	6.2	20.1
5 11	13 55.63	+ 0 12.9	1.645	2.590	9.9	20.3
5 21	13 48.58	+ 0 40.1	1.677	2.561	13.7	20.5
5 31	13 43.60	+ 0 46.9	1.728	2.531	17.0	20.6

162793 2000 YY_{43} 4 24.7 156°.61 1°.3/23.6 18

3 22	14 36.75	−11 32.7	2.142	2.983	12.1	21.2
4 1	14 30.45	−10 53.1	2.071	2.993	8.9	21.0
4 11	14 22.34	−10 6.2	2.026	3.003	5.2	20.8
4 21	14 13.12	− 9 15.9	2.009	3.011	1.7	20.5
5 1	14 3.68	− 8 26.6	2.021	3.019	3.3	20.7
5 11	13 54.93	− 7 43.4	2.062	3.025	7.0	20.9
5 21	13 47.60	− 7 10.0	2.130	3.031	10.4	21.1
5 31	13 42.20	− 6 49.1	2.221	3.036	13.3	21.3

95070 2002 AQ_{65} 4 24.7 66°.90 11°.9/ 4.5 18

3 22	14 41.45	−44 49.8	1.963	2.653	18.1	18.5
4 1	14 35.34	−46 16.7	1.883	2.653	16.4	18.4
4 11	14 25.99	−47 17.8	1.820	2.654	14.5	18.2
4 21	14 14.27	−47 46.7	1.776	2.655	12.9	18.1
5 1	14 1.59	−47 39.9	1.755	2.656	12.0	18.1
5 11	13 49.69	−46 59.5	1.757	2.657	12.2	18.1
5 21	13 40.02	−45 52.6	1.780	2.658	13.3	18.1
5 31	13 33.57	−44 29.2	1.825	2.658	15.1	18.3

496878 2000 SS_{113} 4 24.7 194°.74 1°.5/23.1 17

3 22	14 33.06	−10 34.4	2.609	3.450	10.2	22.8
4 1	14 27.56	− 9 49.9	2.525	3.447	7.5	22.6
4 11	14 20.58	− 8 59.4	2.467	3.443	4.4	22.4
4 21	14 12.65	− 8 6.3	2.437	3.439	1.6	22.2
5 1	14 4.47	− 7 14.5	2.438	3.433	3.1	22.3
5 11	13 56.75	− 6 28.4	2.468	3.427	6.2	22.5
5 21	13 50.11	− 5 51.3	2.526	3.421	9.2	22.7
5 31	13 45.01	− 5 25.5	2.607	3.413	11.8	22.9

300963 2008 DH_{48} 4 24.7 83°.77 2°.9/27.3 18

3 22	14 34.10	−22 49.5	2.371	3.179	12.2	20.8
4 1	14 28.52	−23 5.0	2.298	3.192	9.5	20.7
4 11	14 21.22	−23 8.3	2.249	3.205	6.5	20.5
4 21	14 12.83	−22 59.6	2.227	3.218	3.7	20.3
5 1	14 4.18	−22 40.6	2.234	3.230	3.2	20.3
5 11	13 56.13	−22 14.9	2.269	3.243	5.6	20.5
5 21	13 49.37	−21 46.6	2.331	3.256	8.6	20.7
5 31	13 44.42	−21 20.2	2.416	3.268	11.2	20.9

128421 2004 MB_{1} 4 24.7 232°.36 4°.2/28.8 18

3 22	14 34.81	−28 31.4	2.318	3.102	13.2	20.7
4 1	14 29.33	−28 23.0	2.215	3.088	10.7	20.4
4 11	14 21.86	−27 56.4	2.135	3.074	7.8	20.2
4 21	14 13.05	−27 11.3	2.080	3.059	5.2	20.0
5 1	14 3.76	−26 9.7	2.054	3.044	4.3	20.0
5 11	13 54.99	−24 56.5	2.056	3.028	6.3	20.1
5 21	13 47.57	−23 38.1	2.085	3.011	9.4	20.2
5 31	13 42.13	−22 21.5	2.139	2.994	12.4	20.4

129137 Hippolochos 4 24.7 229°.07 2°.8/19.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 24.13	+ 1 27.4	4.496	5.346	6.1	20.3
4 1	14 20.54	+ 2 1.2	4.423	5.343	4.6	20.2
4 11	14 16.21	+ 2 33.3	4.378	5.340	3.3	20.1
4 21	14 11.44	+ 3 1.6	4.361	5.337	2.9	20.0
5 1	14 6.56	+ 3 23.9	4.374	5.334	3.6	20.1
5 11	14 1.91	+ 3 38.8	4.415	5.331	5.0	20.2
5 21	13 57.79	+ 3 45.2	4.482	5.327	6.5	20.3
5 31	13 54.45	+ 3 42.7	4.573	5.324	7.9	20.4

309474 2007 VO_{102} 4 24.7 114°.04 0°.1/24.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 34.85	−13 22.2	2.353	3.189	11.4	20.9
4 1	14 28.96	−13 20.6	2.283	3.201	8.4	20.7
4 11	14 21.43	−13 12.7	2.238	3.213	5.0	20.5
4 21	14 12.89	−13 0.2	2.222	3.225	1.4	20.3
5 1	14 4.12	−12 45.7	2.234	3.236	2.3	20.4
5 11	13 55.95	−12 32.4	2.276	3.247	5.9	20.6
5 21	13 49.03	−12 23.1	2.344	3.257	9.1	20.8
5 31	13 43.87	−12 20.5	2.436	3.268	11.8	21.0

472355 2015 BV_{26} 4 24.7 358°.96 6°.6/19.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 26.79	− 2 10.2	1.284	2.174	15.4	19.7
4 1	14 24.06	− 0 46.9	1.226	2.170	11.5	19.4
4 11	14 18.94	+ 0 37.6	1.191	2.167	8.0	19.2
4 21	14 12.26	+ 1 53.7	1.178	2.166	6.6	19.1
5 1	14 5.21	+ 2 51.8	1.189	2.166	8.8	19.3
5 11	13 59.00	+ 3 24.9	1.223	2.167	12.6	19.5
5 21	13 54.60	+ 3 30.5	1.276	2.170	16.4	19.7
5 31	13 52.63	+ 3 9.5	1.347	2.175	19.7	19.9

271672 2004 RF_{67} 4 24.7 187°.16 3°.1/21.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.86	− 7 18.9	2.007	2.866	12.1	20.4
4 1	14 27.02	− 6 14.2	1.935	2.866	8.8	20.2
4 11	14 20.39	− 5 4.2	1.888	2.866	5.4	20.0
4 21	14 12.63	− 3 54.5	1.868	2.865	3.1	19.9
5 1	14 4.59	− 2 51.0	1.876	2.864	4.9	20.0
5 11	13 57.16	− 1 59.6	1.912	2.863	8.4	20.2
5 21	13 51.07	− 1 23.7	1.972	2.861	11.7	20.4
5 31	13 46.87	− 1 5.3	2.054	2.859	14.6	20.6

169192 2001 RR_{37} 4 24.7 134°.84 1°.3/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 32.19	−19 31.9	2.548	3.369	11.1	20.6
4 1	14 26.96	−19 14.6	2.473	3.378	8.4	20.4
4 11	14 20.23	−18 46.6	2.421	3.388	5.3	20.2
4 21	14 12.57	−18 9.7	2.398	3.397	2.2	20.0
5 1	14 4.70	−17 26.8	2.404	3.406	2.2	20.0
5 11	13 57.37	−16 42.1	2.439	3.414	5.2	20.2
5 21	13 51.19	−15 59.7	2.501	3.422	8.2	20.4
5 31	13 46.62	−15 23.2	2.588	3.430	10.9	20.6

35903 1999 JY_{88} 4 24.7 219°.84 4°.2/20.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.99	− 3 57.0	2.208	3.065	11.2	18.6
4 1	14 27.02	− 2 36.5	2.128	3.057	8.3	18.4
4 11	14 20.37	− 1 12.5	2.075	3.048	5.5	18.3
4 21	14 12.63	+ 0 8.9	2.049	3.038	4.2	18.1
5 1	14 4.57	+ 1 21.4	2.053	3.028	5.9	18.2
5 11	13 57.03	+ 2 19.5	2.084	3.017	8.9	18.4
5 21	13 50.69	+ 2 59.8	2.140	3.005	11.9	18.6
5 31	13 46.09	+ 3 20.9	2.217	2.993	14.5	18.7

416448 2003 VK_{4} 4 24.7 202°.54 2°.2/26.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 37.33	−20 34.2	1.955	2.776	13.9	22.1
4 1	14 31.34	−20 32.4	1.867	2.772	10.7	21.8
4 11	14 23.13	−20 16.6	1.803	2.768	7.0	21.6
4 21	14 13.42	−19 47.6	1.765	2.762	3.3	21.4
5 1	14 3.22	−19 8.2	1.756	2.757	3.0	21.3
5 11	13 53.64	−18 23.4	1.774	2.750	6.7	21.5
5 21	13 45.64	−17 39.0	1.819	2.743	10.6	21.8
5 31	13 39.87	−17 0.7	1.886	2.735	14.0	22.0

386748 2010 BS_{39} 4 24.7 136°.83 4°.1/27.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 37.96	−24 58.2	2.261	3.057	13.1	21.8
4 1	14 31.59	−25 36.0	2.180	3.062	10.4	21.6
4 11	14 23.18	−26 0.5	2.122	3.068	7.5	21.4
4 21	14 13.42	−26 10.6	2.091	3.073	4.8	21.3
5 1	14 3.22	−26 6.6	2.089	3.078	4.3	21.2
5 11	13 53.61	−25 51.7	2.114	3.083	6.4	21.4
5 21	13 45.42	−25 30.2	2.167	3.088	9.3	21.5
5 31	13 39.30	−25 7.2	2.243	3.092	12.1	21.7

167301 2003 UB_{217} 4 24.7 59°.46 1°.3/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.29	−21 9.9	1.340	2.189	17.5	20.0
4 1	14 28.66	−20 4.7	1.289	2.210	13.2	19.7
4 11	14 21.52	−18 37.7	1.258	2.232	8.2	19.5
4 21	14 12.93	−16 54.5	1.252	2.253	2.9	19.3
5 1	14 4.21	−15 4.7	1.272	2.275	3.1	19.3
5 11	13 56.67	−13 19.5	1.317	2.297	8.1	19.7
5 21	13 51.21	−11 48.4	1.387	2.319	12.6	20.0
5 31	13 48.36	−10 37.5	1.478	2.341	16.4	20.3

459578 2013 GZ_{110} 4 24.7 322°.60 2°.1/23.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 32.72	− 9 49.3	1.162	2.043	17.4	20.8
4 1	14 29.13	− 9 36.7	1.080	2.022	13.0	20.5
4 11	14 22.41	− 9 15.8	1.019	2.002	7.8	20.1
4 21	14 13.33	− 8 51.1	0.979	1.982	2.7	19.7
5 1	14 3.29	− 8 28.8	0.963	1.963	5.1	19.8
5 11	13 53.94	− 8 15.8	0.969	1.945	10.9	20.1
5 21	13 46.73	− 8 17.4	0.996	1.928	16.4	20.3
5 31	13 42.70	− 8 37.0	1.041	1.913	21.1	20.5

318126 2004 NL_{9} 4 24.7 247°.66 3°.8/21.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.29	− 4 54.1	1.952	2.812	12.3	20.7
4 1	14 28.23	− 4 2.0	1.870	2.801	9.1	20.5
4 11	14 21.21	− 3 6.6	1.813	2.789	5.8	20.3
4 21	14 12.89	− 2 13.2	1.782	2.776	3.8	20.1
5 1	14 4.15	− 1 27.6	1.779	2.763	5.6	20.2
5 11	13 55.97	− 0 55.0	1.803	2.750	9.0	20.4
5 21	13 49.15	− 0 38.3	1.851	2.737	12.5	20.6
5 31	13 44.32	− 0 39.2	1.920	2.723	15.6	20.7

238119 2003 OK_{19} 4 24.7 219°.07 9°.5/12.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.35	+14 18.9	2.245	3.084	11.7	20.1
4 1	14 26.55	+16 17.0	2.192	3.077	10.2	20.0
4 11	14 20.08	+18 4.0	2.164	3.070	9.5	19.9
4 21	14 12.56	+19 32.2	2.162	3.063	9.9	19.9
5 1	14 4.76	+20 35.1	2.184	3.055	11.3	20.0
5 11	13 57.50	+21 9.9	2.230	3.046	13.1	20.1
5 21	13 51.47	+21 16.5	2.295	3.038	15.0	20.2
5 31	13 47.16	+20 57.3	2.377	3.029	16.6	20.4

16138 1999 XV_{119} 4 24.7 346°.56 0°.5/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 35.13	−11 46.2	1.661	2.517	14.3	17.5
4 1	14 29.92	−11 54.3	1.584	2.513	10.6	17.3
4 11	14 22.37	−11 56.0	1.531	2.509	6.4	17.0
4 21	14 13.24	−11 53.4	1.503	2.506	1.7	16.7
5 1	14 3.60	−11 49.5	1.502	2.504	3.2	16.8
5 11	13 54.66	−11 48.1	1.527	2.501	7.8	17.1
5 21	13 47.40	−11 52.8	1.577	2.500	12.0	17.3
5 31	13 42.53	−12 6.3	1.648	2.498	15.6	17.5

370105 2001 TA_{132} 4 24.7 204°.23 2°.0/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 27.32	−24 21.4	4.530	5.316	7.2	20.4
4 1	14 22.96	−24 32.4	4.437	5.315	5.6	20.3
4 11	14 17.70	−24 36.2	4.370	5.314	4.0	20.2
4 21	14 11.89	−24 33.1	4.330	5.314	2.5	20.1
5 1	14 5.90	−24 24.1	4.321	5.313	2.1	20.1
5 11	14 0.15	−24 10.6	4.342	5.312	3.4	20.1
5 21	13 54.99	−23 54.6	4.391	5.311	5.0	20.3
5 31	13 50.72	−23 38.0	4.466	5.310	6.6	20.4

126693 2002 CZ_{227} 4 24.7 337°.04 5°.4/20.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 25.65	− 8 0.8	1.054	1.952	17.3	18.9
4 1	14 23.82	− 6 18.8	0.985	1.936	12.8	18.6
4 11	14 19.12	− 4 22.2	0.936	1.921	8.0	18.2
4 21	14 12.40	− 2 22.3	0.910	1.907	5.4	18.0
5 1	14 5.02	− 0 33.9	0.906	1.894	8.5	18.2
5 11	13 58.50	+ 0 49.8	0.923	1.883	13.6	18.4
5 21	13 54.09	+ 1 40.9	0.959	1.874	18.6	18.6
5 31	13 52.60	+ 1 57.0	1.011	1.866	22.9	18.9

32276 Allenliu 4 24.7 104°.58 5°.0/28.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 37.42	−25 47.3	1.478	2.298	17.6	18.8
4 1	14 32.01	−26 4.1	1.406	2.304	14.0	18.6
4 11	14 23.77	−25 59.3	1.355	2.309	10.0	18.3
4 21	14 13.64	−25 32.0	1.328	2.315	6.2	18.1
5 1	14 2.99	−24 44.8	1.325	2.320	5.2	18.1
5 11	13 53.30	−23 44.7	1.348	2.325	8.3	18.3
5 21	13 45.75	−22 40.5	1.395	2.331	12.3	18.5
5 31	13 41.09	−21 41.1	1.463	2.336	16.1	18.7

268398 2005 UG_{174} 4 24.7 133°.37 1°.6/26.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 35.22	−19 30.7	2.092	2.916	13.0	21.9
4 1	14 29.48	−19 16.3	2.019	2.927	9.8	21.7
4 11	14 21.85	−18 49.3	1.971	2.938	6.2	21.5
4 21	14 13.06	−18 11.4	1.949	2.949	2.6	21.3
5 1	14 4.01	−17 26.3	1.956	2.958	2.5	21.3
5 11	13 55.65	−16 38.9	1.992	2.968	6.1	21.5
5 21	13 48.75	−15 54.4	2.054	2.977	9.6	21.8
5 31	13 43.85	−15 17.3	2.139	2.985	12.7	22.0

197570 2004 GZ_{29} 4 24.7 329°.09 0°.7/24.3 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.55	−13 34.8	1.059	1.942	18.6	19.8
4 1	14 28.42	−13 16.1	0.986	1.928	13.9	19.5
4 11	14 22.02	−12 42.5	0.931	1.914	8.4	19.1
4 21	14 13.25	−11 58.1	0.898	1.902	2.3	18.7
5 1	14 3.59	−11 10.1	0.887	1.890	4.4	18.8
5 11	13 54.82	−10 27.8	0.899	1.880	10.7	19.1
5 21	13 48.39	− 9 59.2	0.930	1.870	16.4	19.4
5 31	13 45.28	− 9 49.7	0.979	1.862	21.3	19.6

353553 2011 SS_{208} 4 24.7 162°.28 3°.6/28.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 33.10	−26 24.6	2.567	3.357	11.9	21.5
4 1	14 27.80	−26 32.6	2.481	3.360	9.4	21.3
4 11	14 20.83	−26 26.7	2.419	3.363	6.8	21.2
4 21	14 12.79	−26 6.9	2.384	3.365	4.4	21.0
5 1	14 4.44	−25 34.8	2.376	3.367	3.7	21.0
5 11	13 56.59	−24 54.0	2.398	3.369	5.6	21.1
5 21	13 49.94	−24 9.1	2.446	3.371	8.2	21.3
5 31	13 45.01	−23 24.8	2.519	3.372	10.8	21.4

262726 2006 XY_{28} 4 24.7 26°.87 2°.4/22.6 17

3 22	14 31.15	− 7 15.5	2.121	2.979	11.6	20.3
4 1	14 26.42	− 6 47.0	2.052	2.982	8.5	20.1
4 11	14 20.01	− 6 15.3	2.008	2.986	5.1	19.9
4 21	14 12.56	− 5 44.1	1.990	2.990	2.5	19.7
5 1	14 4.85	− 5 17.7	2.001	2.994	4.0	19.9
5 11	13 57.73	− 4 59.6	2.039	2.998	7.3	20.1
5 21	13 51.87	− 4 52.4	2.102	3.002	10.6	20.3
5 31	13 47.78	− 4 57.5	2.187	3.007	13.4	20.5

211020 2001 YZ_{154} 4 24.7 18°.64 3°.7/21.9 17

3 22	14 34.83	− 2 3.4	2.155	3.009	11.6	19.9
4 1	14 29.09	− 1 50.8	2.084	3.009	8.6	19.7
4 11	14 21.60	− 1 39.8	2.038	3.010	5.6	19.5
4 21	14 13.00	− 1 34.0	2.019	3.011	3.7	19.4
5 1	14 4.12	− 1 36.4	2.029	3.012	5.1	19.5
5 11	13 55.84	− 1 49.6	2.066	3.013	8.0	19.6
5 21	13 48.87	− 2 14.5	2.129	3.015	11.1	19.8
5 31	13 43.74	− 2 51.1	2.214	3.016	13.8	20.0

387102 2012 TR_{135} 4 24.7 227°.21 2°.4/22.5 17

3 22	14 31.87	− 8 7.9	2.135	2.991	11.6	21.6
4 1	14 27.01	− 7 25.0	2.057	2.986	8.5	21.4
4 11	14 20.40	− 6 37.1	2.004	2.982	5.1	21.2
4 21	14 12.68	− 5 48.6	1.977	2.977	2.5	21.0
5 1	14 4.65	− 5 4.2	1.980	2.972	4.1	21.1
5 11	13 57.16	− 4 28.5	2.009	2.967	7.6	21.3
5 21	13 50.92	− 4 5.0	2.065	2.961	10.9	21.5
5 31	13 46.48	− 3 55.4	2.142	2.956	13.8	21.7

345444 2006 DV_{216} 4 24.7 156°.10 0°.8/23.9 17

3 22	14 32.40	−13 23.3	2.200	3.044	11.8	21.0
4 1	14 27.30	−12 42.4	2.126	3.049	8.6	20.8
4 11	14 20.53	−11 53.0	2.076	3.053	5.1	20.6
4 21	14 12.71	−10 58.5	2.054	3.058	1.4	20.4
5 1	14 4.64	−10 3.5	2.061	3.061	2.8	20.5
5 11	13 57.17	− 9 13.1	2.097	3.065	6.5	20.7
5 21	13 50.97	− 8 31.4	2.158	3.068	9.9	20.9
5 31	13 46.55	− 8 1.7	2.243	3.071	12.8	21.1

150115 1992 SB_{3} 4 24.7 277°.83 0°.2/24.6 17

3 22	14 33.66	−14 24.0	1.764	2.615	13.9	20.3
4 1	14 28.85	−14 2.9	1.675	2.600	10.4	20.1
4 11	14 21.76	−13 30.8	1.608	2.585	6.3	19.8
4 21	14 13.11	−12 50.6	1.567	2.570	1.7	19.4
5 1	14 3.89	−12 6.7	1.553	2.555	3.1	19.5
5 11	13 55.23	−11 25.0	1.566	2.540	7.7	19.7
5 21	13 48.11	−10 50.9	1.604	2.525	12.0	20.0
5 31	13 43.25	−10 28.8	1.663	2.510	15.7	20.2

172760 2004 DQ_{23} 4 24.7 72°.00 4°.9/19.9 18

3 22	14 30.29	− 1 1.7	2.083	2.947	11.5	19.7
4 1	14 25.76	+ 0 7.2	2.024	2.953	8.6	19.6
4 11	14 19.59	+ 1 15.2	1.990	2.960	6.0	19.4
4 21	14 12.44	+ 2 16.6	1.984	2.967	4.9	19.4
5 1	14 5.10	+ 3 5.6	2.004	2.973	6.5	19.5
5 11	13 58.38	+ 3 38.2	2.051	2.980	9.2	19.6
5 21	13 52.92	+ 3 52.6	2.122	2.987	12.0	19.8
5 31	13 49.20	+ 3 48.6	2.213	2.994	14.4	20.0

51362 2000 SY_{247} 4 24.7 301°.95 1°.3/22.6 18

3 22	14 24.31	− 7 51.6	4.217	5.063	6.5	19.4
4 1	14 20.75	− 7 24.9	4.133	5.059	4.7	19.3
4 11	14 16.40	− 6 56.2	4.077	5.054	2.8	19.2
4 21	14 11.55	− 6 27.5	4.050	5.050	1.3	19.0
5 1	14 6.58	− 6 0.7	4.054	5.046	2.2	19.1
5 11	14 1.84	− 5 37.8	4.086	5.042	4.1	19.2
5 21	13 57.66	− 5 20.4	4.146	5.037	6.0	19.4
5 31	13 54.33	− 5 9.8	4.231	5.033	7.7	19.5

338536 2003 RH_{25} 4 24.7 274°.82 3°.9/28.2 17

3 22	14 32.68	−26 30.9	2.003	2.809	14.2	20.7
4 1	14 28.06	−26 19.5	1.902	2.791	11.4	20.4
4 11	14 21.27	−25 48.8	1.823	2.774	8.1	20.2
4 21	14 12.97	−24 58.9	1.769	2.756	5.0	20.0
5 1	14 4.13	−23 52.2	1.743	2.738	4.1	19.9
5 11	13 55.82	−22 34.7	1.743	2.720	6.8	20.0
5 21	13 48.97	−21 13.6	1.770	2.702	10.4	20.2
5 31	13 44.28	−19 56.8	1.820	2.684	13.8	20.3

156468 2002 CQ_{33} 4 24.7 312°.19 9°.0/17.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 32.45	+ 7 1.6	1.597	2.464	14.2	19.0
4 1	14 28.00	+ 8 16.0	1.526	2.447	11.5	18.8
4 11	14 21.26	+ 9 22.7	1.479	2.430	9.5	18.6
4 21	14 12.97	+10 13.0	1.455	2.414	9.2	18.5
5 1	14 4.18	+10 39.1	1.455	2.398	10.9	18.6
5 11	13 56.07	+10 36.9	1.479	2.383	13.8	18.7
5 21	13 49.58	+10 6.0	1.522	2.368	16.8	18.9
5 31	13 45.41	+ 9 9.1	1.583	2.353	19.7	19.0

491754 2012 VR_{79} 4 24.7 88°.48 0°.3/24.4 17

3 22	14 30.18	−15 39.1	2.163	3.006	12.0	21.5
4 1	14 25.71	−14 48.9	2.089	3.012	8.8	21.3
4 11	14 19.60	−13 48.0	2.041	3.017	5.2	21.1
4 21	14 12.46	−12 40.0	2.019	3.022	1.4	20.8
5 1	14 5.10	−11 30.1	2.027	3.028	2.6	20.9
5 11	13 58.35	−10 24.0	2.062	3.033	6.3	21.2
5 21	13 52.85	− 9 26.8	2.124	3.039	9.8	21.4
5 31	13 49.10	− 8 42.0	2.208	3.044	12.7	21.6

438876 2009 HP_{96} 4 24.7 7°.79 1°.3/23.4 17

3 22	14 29.14	−12 19.2	2.228	3.079	11.3	20.8
4 1	14 24.92	−11 24.5	2.152	3.079	8.3	20.6
4 11	14 19.13	−10 21.4	2.101	3.080	4.8	20.4
4 21	14 12.34	− 9 14.2	2.077	3.080	1.6	20.1
5 1	14 5.30	− 8 8.1	2.083	3.080	3.2	20.3
5 11	13 58.81	− 7 8.3	2.116	3.081	6.7	20.5
5 21	13 53.49	− 6 19.2	2.175	3.081	10.0	20.7
5 31	13 49.84	− 5 43.8	2.257	3.082	12.8	20.9

371931 2008 EH_{70} 4 24.7 318°.22 5°.2/21.2 17

3 22	14 32.98	− 3 16.8	1.434	2.310	15.0	20.0
4 1	14 28.59	− 2 25.9	1.362	2.299	11.2	19.8
4 11	14 21.70	− 1 33.2	1.312	2.289	7.4	19.5
4 21	14 13.11	− 0 45.7	1.286	2.279	5.2	19.4
5 1	14 3.98	− 0 10.8	1.285	2.269	7.3	19.5
5 11	13 55.60	+ 0 5.4	1.308	2.260	11.3	19.7
5 21	13 49.02	+ 0 0.3	1.353	2.251	15.4	19.9
5 31	13 44.98	− 0 26.4	1.417	2.243	19.0	20.1

417129 2005 VG 4 24.7 118°.86 1°.4/23.4 17

3 22	14 32.82	−13 11.4	1.977	2.825	12.7	21.1
4 1	14 27.68	−12 2.1	1.913	2.839	9.2	20.9
4 11	14 20.76	−10 42.8	1.874	2.852	5.4	20.7
4 21	14 12.77	− 9 18.8	1.862	2.865	1.7	20.5
5 1	14 4.62	− 7 56.7	1.879	2.877	3.5	20.6
5 11	13 57.20	− 6 43.0	1.925	2.889	7.3	20.9
5 21	13 51.22	− 5 42.7	1.996	2.900	10.9	21.1
5 31	13 47.16	− 4 59.0	2.090	2.911	13.8	21.3

204675 2006 DE_{72} 4 24.7 41°.76 5°.2/21.7 18

3 22	14 35.35	− 4 9.2	1.222	2.102	16.8	19.9
4 1	14 30.44	− 3 20.1	1.169	2.109	12.4	19.7
4 11	14 22.77	− 2 29.4	1.137	2.116	7.9	19.5
4 21	14 13.37	− 1 44.8	1.128	2.124	5.2	19.3
5 1	14 3.63	− 1 14.1	1.144	2.132	7.3	19.5
5 11	13 55.00	− 1 2.8	1.183	2.140	11.7	19.7
5 21	13 48.54	− 1 13.1	1.243	2.149	15.9	20.0
5 31	13 44.91	− 1 44.2	1.322	2.158	19.5	20.3

500656 2012 VG_{19} 4 24.7 159°.89 0°.5/24.2 17

3 22	14 30.73	−14 13.9	2.478	3.317	10.7	22.2
4 1	14 25.93	−13 29.7	2.401	3.321	7.9	22.0
4 11	14 19.66	−12 37.1	2.349	3.325	4.6	21.8
4 21	14 12.48	−11 39.3	2.325	3.328	1.2	21.5
5 1	14 5.09	−10 40.5	2.331	3.331	2.5	21.6
5 11	13 58.20	− 9 45.3	2.366	3.334	5.9	21.8
5 21	13 52.44	− 8 57.9	2.428	3.337	9.0	22.0
5 31	13 48.23	− 8 21.1	2.513	3.339	11.7	22.2

411728 2012 BT_{41} 4 24.7 199°.79 3°.1/26.9 17

3 22	14 37.39	−22 23.4	1.772	2.593	15.1	21.6
4 1	14 31.63	−22 27.5	1.688	2.591	11.8	21.4
4 11	14 23.43	−22 15.3	1.627	2.588	7.9	21.2
4 21	14 13.58	−21 46.9	1.591	2.585	4.2	20.9
5 1	14 3.19	−21 4.9	1.582	2.581	3.7	20.9
5 11	13 53.52	−20 15.1	1.600	2.577	7.2	21.1
5 21	13 45.58	−19 24.3	1.643	2.572	11.2	21.3
5 31	13 40.12	−18 39.0	1.709	2.567	14.8	21.5

429141 2009 UV_{9} 4 24.7 121°.42 2°.3/22.7 17

3 22	14 34.63	− 8 15.9	2.025	2.877	12.3	22.1
4 1	14 28.96	− 7 36.1	1.963	2.891	8.9	21.9
4 11	14 21.51	− 6 52.0	1.926	2.904	5.3	21.7
4 21	14 12.98	− 6 7.7	1.917	2.917	2.4	21.5
5 1	14 4.27	− 5 28.1	1.936	2.929	4.1	21.6
5 11	13 56.28	− 4 57.5	1.983	2.941	7.6	21.9
5 21	13 49.71	− 4 38.9	2.055	2.952	10.9	22.1
5 31	13 45.06	− 4 33.9	2.149	2.963	13.8	22.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
424063 2007 CP_{46}			4 24.7	16°.82	4°.6/27.9	17
	h m	° ′			°	m
3 22	14 34.46	−24 48.2	1.539	2.365	16.8	20.1
4 1	14 29.76	−25 9.3	1.466	2.367	13.3	19.9
4 11	14 22.42	−25 11.0	1.413	2.369	9.4	19.6
4 21	14 13.31	−24 52.6	1.384	2.372	5.7	19.4
5 1	14 3.68	−24 16.3	1.380	2.375	4.9	19.4
5 11	13 54.88	−23 28.1	1.401	2.379	7.9	19.6
5 21	13 48.03	−22 35.9	1.446	2.383	11.8	19.8
5 31	13 43.86	−21 47.3	1.513	2.388	15.5	20.0
235346 2003 UH_{259}			4 24.7	255°.60	1°.3/25.9	17
3 22	14 32.85	−18 56.4	2.143	2.972	12.6	20.8
4 1	14 27.92	−18 40.0	2.048	2.959	9.6	20.5
4 11	14 21.07	−18 11.0	1.977	2.946	6.1	20.3
4 21	14 12.92	−17 31.2	1.933	2.933	2.4	20.0
5 1	14 4.32	−16 43.8	1.917	2.919	2.5	20.0
5 11	13 56.22	−15 53.7	1.929	2.906	6.3	20.2
5 21	13 49.41	−15 6.4	1.968	2.892	9.9	20.4
5 31	13 44.52	−14 26.5	2.030	2.877	13.2	20.6
184353 2005 JK_{22}			4 24.7	289°.51	4°.9/20.7	18
3 22	14 32.87	− 4 52.8	1.602	2.472	14.0	20.4
4 1	14 28.52	− 3 37.7	1.508	2.443	10.5	20.1
4 11	14 21.74	− 2 15.2	1.436	2.413	6.9	19.8
4 21	14 13.17	− 0 52.8	1.390	2.383	4.9	19.6
5 1	14 3.86	+ 0 20.8	1.371	2.352	7.2	19.7
5 11	13 55.02	+ 1 17.2	1.376	2.322	11.4	19.8
5 21	13 47.74	+ 1 51.0	1.404	2.291	15.6	20.0
5 31	13 42.84	+ 1 59.9	1.451	2.260	19.4	20.2
479073 2013 AX_{87}			4 24.7	135°.97	4°.2/20.5	17
3 22	14 31.12	− 0 29.1	2.472	3.327	10.2	21.3
4 1	14 26.17	+ 0 13.9	2.406	3.331	7.7	21.2
4 11	14 19.78	+ 0 55.2	2.366	3.335	5.3	21.0
4 21	14 12.53	+ 1 30.8	2.354	3.338	4.2	21.0
5 1	14 5.08	+ 1 56.7	2.371	3.342	5.5	21.0
5 11	13 58.15	+ 2 10.0	2.414	3.345	7.9	21.2
5 21	13 52.30	+ 2 9.5	2.483	3.349	10.4	21.4
5 31	13 47.99	+ 1 54.8	2.574	3.352	12.7	21.5
340245 2006 BW_{115}			4 24.7	280°.33	0°.8/25.4	17
3 22	14 32.66	−17 16.9	1.862	2.704	13.6	20.8
4 1	14 27.97	−16 57.2	1.777	2.697	10.3	20.6
4 11	14 21.17	−16 24.8	1.715	2.689	6.4	20.3
4 21	14 12.97	−15 42.0	1.679	2.681	2.1	20.0
5 1	14 4.31	−14 53.1	1.671	2.673	2.7	20.0
5 11	13 56.25	−14 3.6	1.689	2.666	7.0	20.3
5 21	13 49.67	−13 19.3	1.733	2.658	11.0	20.5
5 31	13 45.23	−12 45.1	1.799	2.650	14.5	20.7
106209 2000 UQ_{31}			4 24.7	77°.93	1°.0/23.8	18
3 22	14 31.57	−11 33.2	2.281	3.129	11.3	20.0
4 1	14 26.60	−11 6.8	2.217	3.142	8.2	19.8
4 11	14 20.07	−10 34.4	2.178	3.156	4.8	19.6
4 21	14 12.61	− 9 59.2	2.166	3.169	1.4	19.4
5 1	14 4.97	− 9 24.9	2.183	3.182	2.8	19.5
5 11	13 57.93	− 8 55.3	2.228	3.196	6.2	19.7
5 21	13 52.11	− 8 33.6	2.300	3.209	9.4	20.0
5 31	13 47.96	− 8 22.0	2.394	3.222	12.1	20.2
33620 1999 JC_{66}			4 24.7	4°.92	2°.1/22.6	18
3 22	14 29.44	−10 26.7	2.041	2.899	12.0	18.6
4 1	14 25.27	− 9 23.5	1.968	2.899	8.7	18.4
4 11	14 19.39	− 8 12.5	1.919	2.899	5.1	18.2
4 21	14 12.44	− 6 58.9	1.898	2.899	2.2	18.0
5 1	14 5.23	− 5 48.6	1.905	2.900	4.0	18.1
5 11	13 58.61	− 4 47.5	1.940	2.900	7.6	18.3
5 21	13 53.26	− 4 0.1	2.000	2.901	11.0	18.5
5 31	13 49.69	− 3 28.8	2.081	2.902	13.9	18.7
318578 2005 GG_{152}			4 24.7	83°.18	0°.3/24.9	18
3 22	14 34.84	−16 33.8	1.518	2.370	15.7	21.3
4 1	14 29.71	−15 58.7	1.457	2.382	11.7	21.1
4 11	14 22.21	−15 9.4	1.418	2.394	7.0	20.9
4 21	14 13.24	−14 9.7	1.404	2.407	2.0	20.6
5 1	14 3.99	−13 5.9	1.416	2.419	3.1	20.7
5 11	13 55.70	−12 5.7	1.455	2.431	7.9	21.0
5 21	13 49.29	−11 15.6	1.518	2.443	12.2	21.3
5 31	13 45.37	−10 40.0	1.601	2.455	15.9	21.5
39820 1997 YV_{17}			4 24.7	122°.51	2°.0/26.1	18
3 22	14 37.58	−19 48.2	1.644	2.478	15.6	20.4
4 1	14 31.69	−19 38.8	1.577	2.489	11.8	20.2
4 11	14 23.39	−19 13.8	1.531	2.500	7.5	20.0
4 21	14 13.57	−18 34.9	1.511	2.511	3.2	19.7
5 1	14 3.41	−17 46.4	1.519	2.521	3.1	19.7
5 11	13 54.16	−16 54.9	1.553	2.530	7.3	20.0
5 21	13 46.79	−16 6.9	1.612	2.540	11.5	20.3
5 31	13 41.92	−15 28.2	1.693	2.549	15.0	20.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4678 Ninian			4 24.7	238°.24	0°.2/24.9	18 R
	h m	° ′			°	m
3 22	14 37.79	−15 6.9	1.788	2.628	14.2	17.8
4 1	14 31.95	−14 51.8	1.694	2.614	10.7	17.5
4 11	14 23.68	−14 25.6	1.624	2.599	6.5	17.2
4 21	14 13.71	−13 50.2	1.580	2.583	1.9	16.9
5 1	14 3.08	−13 9.7	1.564	2.566	3.0	16.9
5 11	13 53.02	−12 29.7	1.576	2.549	7.7	17.2
5 21	13 44.57	−11 55.8	1.613	2.531	12.1	17.4
5 31	13 38.50	−11 32.7	1.672	2.512	15.9	17.6
508683 2017 UT_{16}			4 24.7	199°.87	1°.6/23.2	17
3 22	14 32.09	−11 35.1	2.083	2.934	12.1	21.7
4 1	14 27.22	−10 41.2	2.005	2.932	8.8	21.4
4 11	14 20.57	− 9 38.8	1.951	2.929	5.2	21.2
4 21	14 12.79	− 8 32.3	1.924	2.927	1.8	21.0
5 1	14 4.70	− 7 27.2	1.927	2.923	3.6	21.1
5 11	13 57.20	− 6 29.3	1.957	2.920	7.3	21.3
5 21	13 51.00	− 5 43.1	2.013	2.916	10.8	21.5
5 31	13 46.65	− 5 11.7	2.091	2.912	13.8	21.7
16176 2000 AZ_{126}			4 24.7	256°.67	4°.0/28.3	18
3 22	14 33.80	−26 41.3	2.228	3.024	13.3	18.2
4 1	14 28.72	−26 45.9	2.128	3.010	10.6	18.0
4 11	14 21.61	−26 34.1	2.050	2.995	7.7	17.8
4 21	14 13.12	−26 5.5	1.998	2.980	4.9	17.6
5 1	14 4.11	−25 21.6	1.973	2.965	4.2	17.5
5 11	13 55.57	−24 26.9	1.977	2.950	6.4	17.6
5 21	13 48.38	−23 27.1	2.006	2.934	9.6	17.8
5 31	13 43.18	−22 28.6	2.060	2.918	12.6	17.9
515155 2011 MK_{11}			4 24.7	256°.34	2°.1/28.4	18
3 22	14 25.26	−25 47.7	4.611	5.393	7.1	21.3
4 1	14 21.49	−25 40.4	4.509	5.384	5.6	21.2
4 11	14 16.88	−25 25.2	4.432	5.374	4.0	21.1
4 21	14 11.75	−25 2.4	4.383	5.364	2.5	20.9
5 1	14 6.45	−24 33.4	4.363	5.355	2.1	20.9
5 11	14 1.37	−24 0.0	4.374	5.345	3.3	21.0
5 21	13 56.87	−23 24.4	4.412	5.335	4.9	21.1
5 31	13 53.23	−22 49.0	4.477	5.325	6.5	21.2
430301 2013 WR_{98}			4 24.7	176°.39	1°.4/23.6	17
3 22	14 33.86	−10 35.3	1.933	2.786	12.8	21.3
4 1	14 28.65	−10 12.7	1.858	2.786	9.4	21.1
4 11	14 21.48	− 9 43.8	1.808	2.786	5.5	20.9
4 21	14 13.06	− 9 11.9	1.784	2.786	1.8	20.6
5 1	14 4.29	− 8 41.4	1.788	2.786	3.5	20.7
5 11	13 56.16	− 8 16.8	1.819	2.786	7.4	21.0
5 21	13 49.46	− 8 1.5	1.876	2.786	11.1	21.2
5 31	13 44.79	− 7 58.0	1.954	2.786	14.3	21.4
128493 2004 PQ_{15}			4 24.7	182°.48	2°.7/21.8	18
3 22	14 33.23	− 5 46.0	2.641	3.488	9.9	21.6
4 1	14 27.67	− 4 57.8	2.565	3.489	7.3	21.4
4 11	14 20.69	− 4 7.0	2.515	3.489	4.5	21.2
4 21	14 12.82	− 3 17.4	2.494	3.489	2.7	21.1
5 1	14 4.73	− 2 33.2	2.503	3.488	4.1	21.2
5 11	13 57.12	− 1 58.0	2.540	3.486	6.9	21.3
5 21	13 50.56	− 1 34.3	2.605	3.483	9.6	21.5
5 31	13 45.51	− 1 23.5	2.692	3.480	12.0	21.7
403907 2011 YT_{42}			4 24.7	217°.13	3°.0/26.9	16
3 22	14 38.11	−22 27.2	1.869	2.685	14.7	22.5
4 1	14 32.16	−22 27.5	1.777	2.677	11.4	22.3
4 11	14 23.79	−22 11.6	1.708	2.668	7.7	22.0
4 21	14 13.76	−21 39.8	1.664	2.658	4.0	21.8
5 1	14 3.13	−20 54.5	1.649	2.648	3.5	21.7
5 11	13 53.13	−20 1.3	1.661	2.637	7.1	21.9
5 21	13 44.78	−19 6.8	1.699	2.625	11.1	22.1
5 31	13 38.82	−18 17.7	1.760	2.613	14.7	22.3
475108 2005 UN_{245}			4 24.7	221°.14	0°.6/24.2	18
3 22	14 30.42	−12 58.8	2.602	3.443	10.2	22.2
4 1	14 25.73	−12 31.7	2.517	3.439	7.5	22.0
4 11	14 19.60	−11 57.9	2.458	3.435	4.5	21.8
4 21	14 12.54	−11 20.0	2.427	3.430	1.2	21.6
5 1	14 5.22	−10 41.3	2.426	3.426	2.4	21.7
5 11	13 58.33	−10 5.5	2.453	3.421	5.7	21.9
5 21	13 52.47	− 9 35.9	2.507	3.417	8.7	22.1
5 31	13 48.10	− 9 15.1	2.584	3.412	11.3	22.2
216446 2009 FA_{45}			4 24.7	101°.84	5°.2/19.3	17 R
3 22	14 30.78	+ 0 59.2	2.283	3.142	10.8	20.3
4 1	14 25.98	+ 2 9.9	2.231	3.155	8.2	20.1
4 11	14 19.70	+ 3 18.1	2.203	3.167	6.0	20.0
4 21	14 12.55	+ 4 18.1	2.204	3.179	5.2	20.0
5 1	14 5.27	+ 5 5.0	2.232	3.191	6.6	20.1
5 11	13 58.58	+ 5 35.4	2.286	3.203	9.0	20.2
5 21	13 53.07	+ 5 47.8	2.365	3.215	11.4	20.4
5 31	13 49.17	+ 5 42.5	2.464	3.226	13.6	20.6

341185 2007 RX_{32} 4 24.7 260°.53 0°.9/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 35.48	−16 46.6	2.379	3.205	11.6	21.1
4 1	14 29.81	−16 45.2	2.271	3.181	8.8	20.9
4 11	14 22.24	−16 34.7	2.187	3.157	5.5	20.6
4 21	14 13.33	−16 16.2	2.132	3.133	2.0	20.4
5 1	14 3.87	−15 51.8	2.105	3.108	2.3	20.3
5 11	13 54.74	−15 25.2	2.108	3.082	6.0	20.5
5 21	13 46.76	−15 0.3	2.138	3.056	9.6	20.7
5 31	13 40.57	−14 41.0	2.192	3.029	12.8	20.9

141053 2001 XT_{1} 4 24.7 292°.64 4°.2/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.68	−21 22.7	1.046	1.881	22.4	21.2
4 1	14 47.97	−21 37.3	0.908	1.819	18.3	20.7
4 11	14 36.36	−21 28.8	0.786	1.753	12.8	20.2
4 21	14 18.22	−20 47.2	0.685	1.683	6.2	19.5
5 1	13 54.15	−19 22.0	0.607	1.609	6.5	19.1
5 11	13 26.65	−17 12.5	0.555	1.530	16.3	19.2
5 21	12 59.49	−14 32.9	0.524	1.448	27.5	19.3
5 31	12 36.30	−11 49.3	0.511	1.361	38.7	19.5

497983 2007 DS_{15} 4 24.7 137°.49 8°.8/16.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.32	+ 9 18.2	1.903	2.757	12.9	21.5
4 1	14 28.14	+10 54.7	1.856	2.764	10.6	21.3
4 11	14 21.11	+12 21.2	1.833	2.770	9.1	21.2
4 21	14 12.98	+13 29.8	1.836	2.776	9.0	21.2
5 1	14 4.65	+14 14.3	1.865	2.782	10.5	21.3
5 11	13 57.06	+14 31.8	1.917	2.788	12.7	21.5
5 21	13 50.94	+14 22.6	1.989	2.793	15.0	21.7
5 31	13 46.80	+13 49.3	2.080	2.798	17.1	21.8

317809 Marot 4 24.7 197°.24 1°.0/25.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 36.73	−17 36.1	1.830	2.665	14.1	22.0
4 1	14 31.01	−17 20.8	1.748	2.663	10.7	21.8
4 11	14 23.04	−16 52.7	1.689	2.660	6.6	21.6
4 21	14 13.56	−16 13.5	1.656	2.657	2.3	21.3
5 1	14 3.63	−15 27.4	1.651	2.653	2.7	21.3
5 11	13 54.38	−14 40.0	1.673	2.649	7.1	21.6
5 21	13 46.74	−13 57.3	1.722	2.644	11.2	21.8
5 31	13 41.40	−13 24.0	1.792	2.639	14.7	22.0

257112 2008 GT_{72} 4 24.7 326°.89 0°.5/24.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 29.87	−13 31.9	2.041	2.892	12.2	20.7
4 1	14 25.76	−13 8.5	1.954	2.881	9.1	20.5
4 11	14 19.82	−12 36.5	1.892	2.870	5.4	20.2
4 21	14 12.67	−11 58.5	1.856	2.859	1.5	19.9
5 1	14 5.11	−11 18.8	1.847	2.849	2.8	20.0
5 11	13 58.06	−10 42.2	1.866	2.839	6.8	20.2
5 21	13 52.27	−10 12.8	1.910	2.829	10.4	20.4
5 31	13 48.33	− 9 54.2	1.976	2.820	13.7	20.6

512289 2016 GJ_{191} 4 24.7 323°.95 4°.3/20.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 30.00	− 7 8.6	1.644	2.516	13.6	21.1
4 1	14 26.08	− 5 28.6	1.575	2.512	10.0	20.8
4 11	14 20.07	− 3 40.7	1.529	2.508	6.3	20.6
4 21	14 12.74	− 1 53.1	1.510	2.504	4.3	20.5
5 1	14 5.06	− 0 15.2	1.518	2.501	6.5	20.6
5 11	13 58.08	+ 1 4.5	1.552	2.498	10.3	20.8
5 21	13 52.64	+ 2 1.1	1.609	2.495	14.0	21.0
5 31	13 49.34	+ 2 32.7	1.685	2.492	17.2	21.2

248183 Peisandros 4 24.8 253°.26 3°.4/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 26.41	−32 53.0	4.538	5.277	7.8	20.3
4 1	14 22.41	−32 57.4	4.439	5.273	6.5	20.1
4 11	14 17.49	−32 51.6	4.364	5.269	5.1	20.0
4 21	14 11.98	−32 35.6	4.315	5.265	3.9	19.9
5 1	14 6.29	−32 10.1	4.295	5.261	3.4	19.9
5 11	14 0.87	−31 37.0	4.303	5.257	4.0	19.9
5 21	13 56.07	−30 58.6	4.339	5.253	5.2	20.0
5 31	13 52.24	−30 17.6	4.402	5.250	6.6	20.1

241354 2007 WC_{56} 4 24.8 167°.08 3°.3/21.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 32.82	− 3 41.5	2.379	3.231	10.7	20.5
4 1	14 27.52	− 3 8.0	2.308	3.234	7.9	20.3
4 11	14 20.68	− 2 33.9	2.262	3.236	5.0	20.1
4 21	14 12.87	− 2 3.2	2.244	3.237	3.3	20.0
5 1	14 4.84	− 1 39.5	2.256	3.239	4.7	20.1
5 11	13 57.33	− 1 26.1	2.295	3.240	7.5	20.3
5 21	13 50.97	− 1 24.8	2.360	3.241	10.3	20.5
5 31	13 46.25	− 1 36.2	2.447	3.242	12.8	20.7

241847 2001 TY_{54} 4 24.8 160°.22 1°.0/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 30.40	−13 1.5	2.511	3.353	10.5	20.6
4 1	14 25.71	−12 6.3	2.434	3.357	7.7	20.4
4 11	14 19.58	−11 3.1	2.384	3.361	4.5	20.2
4 21	14 12.58	− 9 55.7	2.362	3.364	1.4	20.0
5 1	14 5.37	− 8 48.6	2.369	3.367	2.8	20.1
5 11	13 58.67	− 7 46.9	2.406	3.370	6.0	20.3
5 21	13 53.05	− 6 54.4	2.469	3.373	9.1	20.5
5 31	13 48.96	− 6 14.0	2.556	3.375	11.7	20.7

217642 1997 UD_{22} 4 24.8 190°.30 4°.1/20.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 34.19	− 2 42.7	2.235	3.089	11.2	21.3
4 1	14 28.64	− 1 46.3	2.162	3.087	8.4	21.1
4 11	14 21.40	− 0 49.0	2.114	3.086	5.5	20.9
4 21	14 13.09	+ 0 4.1	2.095	3.083	4.1	20.8
5 1	14 4.51	+ 0 47.9	2.104	3.080	5.6	20.9
5 11	13 56.49	+ 1 18.4	2.141	3.076	8.5	21.1
5 21	13 49.71	+ 1 33.3	2.202	3.072	11.4	21.3
5 31	13 44.70	+ 1 31.8	2.286	3.067	14.0	21.4

296426 2009 HQ_{36} 4 24.8 324°.23 2°.1/23.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.81	−10 45.2	1.254	2.131	16.6	20.0
4 1	14 28.22	−10 13.5	1.176	2.116	12.3	19.7
4 11	14 21.78	− 9 31.1	1.118	2.101	7.4	19.4
4 21	14 13.30	− 8 43.2	1.084	2.087	2.6	19.0
5 1	14 4.08	− 7 57.1	1.074	2.073	4.9	19.2
5 11	13 55.61	− 7 20.6	1.087	2.060	10.3	19.4
5 21	13 49.14	− 6 59.9	1.121	2.048	15.4	19.7
5 31	13 45.55	− 6 58.7	1.174	2.037	19.8	19.9

384065 2008 UL_{336} 4 24.8 164°.91 1°.5/25.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 35.49	−18 20.7	2.274	3.097	12.1	21.4
4 1	14 29.69	−18 24.1	2.193	3.100	9.2	21.2
4 11	14 22.08	−18 17.5	2.136	3.103	5.8	21.0
4 21	14 13.29	−18 1.7	2.107	3.106	2.4	20.7
5 1	14 4.17	−17 39.2	2.107	3.108	2.4	20.7
5 11	13 55.60	−17 13.6	2.135	3.110	5.8	21.0
5 21	13 48.34	−16 49.0	2.190	3.112	9.2	21.2
5 31	13 42.96	−16 29.2	2.269	3.113	12.1	21.4

388021 2005 ST_{40} 4 24.8 319°.35 0°.6/24.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 30.34	−13 26.6	1.983	2.836	12.5	20.7
4 1	14 26.17	−13 0.9	1.896	2.823	9.3	20.5
4 11	14 20.11	−12 26.2	1.833	2.811	5.5	20.2
4 21	14 12.78	−11 45.4	1.796	2.799	1.5	19.9
5 1	14 5.02	−11 2.8	1.786	2.788	2.9	20.0
5 11	13 57.77	−10 23.6	1.804	2.776	7.0	20.2
5 21	13 51.83	− 9 52.2	1.847	2.766	10.8	20.4
5 31	13 47.80	− 9 32.2	1.911	2.755	14.1	20.6

352012 2006 UM_{346} 4 24.8 128°.65 0°.1/24.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.56	−13 25.8	2.504	3.340	10.8	22.0
4 1	14 28.04	−13 18.7	2.431	3.349	7.9	21.8
4 11	14 20.98	−13 5.2	2.382	3.357	4.7	21.6
4 21	14 12.98	−12 47.4	2.362	3.365	1.3	21.4
5 1	14 4.74	−12 27.9	2.371	3.372	2.2	21.5
5 11	13 57.03	−12 9.8	2.409	3.380	5.6	21.7
5 21	13 50.46	−11 56.1	2.474	3.387	8.7	21.9
5 31	13 45.52	−11 49.2	2.563	3.394	11.3	22.1

124884 2001 TE_{41} 4 24.8 231°.36 0°.9/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 39.54	−16 1.3	1.725	2.562	14.8	19.7
4 1	14 33.37	−16 5.0	1.635	2.552	11.2	19.4
4 11	14 24.64	−15 57.9	1.567	2.540	6.9	19.1
4 21	14 14.08	−15 41.0	1.526	2.528	2.3	18.8
5 1	14 2.83	−15 17.2	1.513	2.515	3.0	18.8
5 11	13 52.19	−14 51.4	1.526	2.502	7.7	19.1
5 21	13 43.27	−14 29.0	1.566	2.488	12.2	19.3
5 31	13 36.87	−14 14.6	1.627	2.473	16.0	19.5

216273 2006 WS_{127} 4 24.8 96°.80 0°.8/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 34.21	−15 49.3	2.290	3.123	11.7	20.7
4 1	14 28.71	−15 55.1	2.213	3.127	8.8	20.5
4 11	14 21.48	−15 52.9	2.160	3.132	5.4	20.3
4 21	14 13.13	−15 43.9	2.135	3.136	1.8	20.1
5 1	14 4.48	−15 30.5	2.139	3.141	2.2	20.1
5 11	13 56.37	−15 16.0	2.171	3.145	5.8	20.3
5 21	13 49.53	−15 3.6	2.230	3.150	9.1	20.5
5 31	13 44.48	−14 56.5	2.312	3.154	12.0	20.7

162544 2000 QF_{187} 4 24.8 310°.68 1°.8/23.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 35.58	− 9 58.7	1.253	2.125	16.9	19.3
4 1	14 31.14	− 9 51.4	1.171	2.108	12.7	19.0
4 11	14 23.63	− 9 36.8	1.110	2.091	7.6	18.7
4 21	14 13.86	− 9 18.5	1.072	2.074	2.5	18.3
5 1	14 3.18	− 9 2.0	1.058	2.058	4.7	18.4
5 11	13 53.20	− 8 53.2	1.068	2.043	10.3	18.7
5 21	13 45.32	− 8 56.9	1.100	2.028	15.6	18.9
5 31	13 40.50	− 9 16.3	1.150	2.013	20.1	19.1

414876 2010 VA_{192} 4 24.8 63°.85 0°.3/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 34.63	−15 22.4	1.499	2.354	15.7	20.8
4 1	14 29.48	−14 42.7	1.448	2.375	11.5	20.6
4 11	14 22.05	−13 50.2	1.419	2.397	6.8	20.4
4 21	14 13.28	−12 49.6	1.415	2.418	1.8	20.1
5 1	14 4.35	−11 47.6	1.437	2.439	3.2	20.2
5 11	13 56.44	−10 51.4	1.486	2.461	7.9	20.6
5 21	13 50.43	−10 6.8	1.559	2.482	12.1	20.9
5 31	13 46.83	− 9 37.5	1.653	2.504	15.6	21.1

510744 2012 XH_{18} 4 24.8 133°.84 2°.2/27.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 31.33	−22 47.6	2.304	3.119	12.3	21.5
4 1	14 26.63	−22 23.9	2.223	3.122	9.5	21.3
4 11	14 20.24	−21 45.7	2.165	3.125	6.3	21.1
4 21	14 12.79	−20 54.8	2.134	3.128	3.2	20.9
5 1	14 5.07	−19 54.7	2.131	3.131	2.7	20.9
5 11	13 57.92	−18 50.4	2.156	3.134	5.6	21.1
5 21	13 52.03	−17 47.5	2.209	3.137	8.8	21.3
5 31	13 47.90	−16 51.0	2.286	3.139	11.7	21.5

349187 2007 RQ_{147} 4 24.8 202°.13 2°.1/26.7 17

3 22	14 35.66	−20 42.4	2.596	3.404	11.2	22.2
4 1	14 29.72	−20 52.5	2.503	3.400	8.7	22.0
4 11	14 22.09	−20 52.4	2.436	3.396	5.7	21.8
4 21	14 13.32	−20 42.3	2.396	3.391	2.9	21.6
5 1	14 4.18	−20 23.9	2.386	3.385	2.6	21.6
5 11	13 55.47	−20 0.4	2.405	3.379	5.4	21.8
5 21	13 47.91	−19 35.3	2.452	3.372	8.4	22.0
5 31	13 42.04	−19 12.5	2.523	3.365	11.1	22.1

463488 2013 QG_{29} 4 24.8 340°.42 2°.1/23.4 17

3 22	14 30.60	−11 15.6	1.282	2.160	16.3	21.1
4 1	14 27.17	−10 33.9	1.210	2.150	12.1	20.8
4 11	14 21.05	− 9 40.8	1.159	2.142	7.2	20.5
4 21	14 13.10	− 8 41.9	1.132	2.134	2.5	20.2
5 1	14 4.56	− 7 45.1	1.129	2.128	4.8	20.3
5 11	13 56.84	− 6 58.6	1.149	2.122	10.0	20.6
5 21	13 51.07	− 6 28.7	1.191	2.117	14.8	20.8
5 31	13 48.01	− 6 18.8	1.252	2.113	19.0	21.1

462222 2007 WW_{50} 4 24.8 117°.38 0°.1/24.7 18

3 22	14 36.17	−16 3.9	1.767	2.609	14.3	22.1
4 1	14 30.40	−15 19.9	1.705	2.625	10.5	21.9
4 11	14 22.54	−14 23.5	1.666	2.641	6.3	21.7
4 21	14 13.42	−13 18.5	1.654	2.657	1.7	21.4
5 1	14 4.12	−12 11.0	1.670	2.672	2.9	21.5
5 11	13 55.68	−11 7.7	1.714	2.686	7.3	21.8
5 21	13 48.94	−10 14.4	1.783	2.700	11.2	22.1
5 31	13 44.44	− 9 35.2	1.874	2.713	14.5	22.3

54344 2000 KK_{27} 4 24.8 162°.84 5°.2/20.8 18

3 22	14 37.33	+ 1 9.7	2.053	2.904	12.2	18.8
4 1	14 31.01	+ 1 45.6	1.988	2.909	9.3	18.6
4 11	14 22.84	+ 2 18.0	1.948	2.913	6.5	18.5
4 21	14 13.51	+ 2 42.0	1.935	2.917	5.2	18.4
5 1	14 3.95	+ 2 53.3	1.951	2.920	6.6	18.5
5 11	13 55.06	+ 2 49.2	1.993	2.923	9.4	18.6
5 21	13 47.62	+ 2 28.9	2.060	2.925	12.3	18.8
5 31	13 42.15	+ 1 53.1	2.149	2.927	14.9	19.0

502953 2015 EE_{62} 4 24.8 86°.17 0°.3/24.5 18

3 22	14 36.80	−12 59.9	1.903	2.747	13.3	20.7
4 1	14 30.72	−12 53.1	1.844	2.766	9.8	20.5
4 11	14 22.68	−12 38.8	1.810	2.786	5.8	20.3
4 21	14 13.47	−12 19.5	1.802	2.805	1.6	20.0
5 1	14 4.07	−11 58.7	1.822	2.824	2.8	20.1
5 11	13 55.47	−11 40.5	1.870	2.842	6.8	20.4
5 21	13 48.46	−11 28.4	1.944	2.861	10.5	20.7
5 31	13 43.56	−11 25.1	2.041	2.879	13.5	20.9

41706 2000 UU_{53} 4 24.8 212°.52 1°.1/23.8 17

3 22	14 34.85	−13 39.1	1.770	2.619	13.9	19.4
4 1	14 29.65	−12 45.7	1.688	2.614	10.3	19.2
4 11	14 22.26	−11 40.2	1.630	2.608	6.1	18.9
4 21	14 13.41	−10 27.1	1.599	2.602	1.8	18.6
5 1	14 4.13	− 9 12.8	1.595	2.595	3.6	18.7
5 11	13 55.53	− 8 4.7	1.619	2.587	8.1	19.0
5 21	13 48.51	− 7 9.0	1.668	2.579	12.2	19.2
5 31	13 43.72	− 6 29.7	1.738	2.571	15.7	19.4

259806 2004 BL_{99} 4 24.8 69°.51 4°.8/27.7 17

3 22	14 39.27	−24 11.5	1.567	2.387	16.9	20.6
4 1	14 33.30	−24 52.7	1.500	2.397	13.3	20.4
4 11	14 24.59	−25 16.4	1.454	2.408	9.4	20.1
4 21	14 14.08	−25 20.8	1.433	2.420	5.8	20.0
5 1	14 3.06	−25 7.1	1.437	2.431	5.1	19.9
5 11	13 52.98	−24 40.3	1.467	2.442	8.0	20.1
5 21	13 44.95	−24 7.2	1.522	2.453	11.8	20.4
5 31	13 39.71	−23 35.0	1.598	2.465	15.2	20.6

177860 2005 QG_{3} 4 24.8 86°.39 2°.6/22.0 18

3 22	14 29.81	− 7 43.0	2.260	3.117	11.0	20.2
4 1	14 25.41	− 6 45.2	2.191	3.121	8.0	20.0
4 11	14 19.48	− 5 43.0	2.147	3.125	4.9	19.8
4 21	14 12.60	− 4 40.9	2.130	3.128	2.7	19.7
5 1	14 5.51	− 3 44.0	2.143	3.132	4.2	19.8
5 11	13 58.96	− 2 57.1	2.183	3.136	7.3	20.0
5 21	13 53.57	− 2 23.4	2.248	3.140	10.4	20.2
5 31	13 49.80	− 2 4.6	2.336	3.143	13.0	20.4

346012 2007 TY_{255} 4 24.8 142°.47 1°.0/25.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 31.93	−18 25.9	2.231	3.062	12.1	21.1
4 1	14 27.09	−17 59.5	2.153	3.065	9.1	20.9
4 11	14 20.53	−17 21.3	2.098	3.069	5.7	20.7
4 21	14 12.91	−16 33.8	2.071	3.072	2.1	20.5
5 1	14 5.01	−15 40.8	2.073	3.075	2.3	20.5
5 11	13 57.68	−14 47.2	2.102	3.078	5.9	20.7
5 21	13 51.63	−13 58.0	2.159	3.081	9.3	20.9
5 31	13 47.35	−13 17.3	2.238	3.084	12.2	21.1

42017 2000 YU_{72} 4 24.8 29°.29 5°.8/21.0 18

3 22	14 35.04	− 1 58.1	1.392	2.266	15.5	18.8
4 1	14 30.07	− 1 2.6	1.333	2.268	11.6	18.6
4 11	14 22.60	− 0 7.6	1.296	2.271	7.8	18.4
4 21	14 13.52	+ 0 39.4	1.283	2.273	5.8	18.3
5 1	14 4.06	+ 1 11.0	1.295	2.276	7.8	18.4
5 11	13 55.54	+ 1 22.1	1.332	2.279	11.6	18.6
5 21	13 48.94	+ 1 11.1	1.390	2.282	15.4	18.9
5 31	13 44.92	+ 0 38.6	1.466	2.285	18.8	19.1

300168 2006 VA_{144} 4 24.8 221°.44 3°.0/27.7 18

3 22	14 34.16	−24 29.1	2.839	3.631	10.8	21.7
4 1	14 28.58	−24 38.8	2.739	3.622	8.5	21.6
4 11	14 21.41	−24 36.9	2.664	3.612	6.0	21.4
4 21	14 13.17	−24 23.4	2.615	3.601	3.7	21.2
5 1	14 4.55	−23 59.6	2.597	3.590	3.1	21.2
5 11	13 56.31	−23 28.3	2.607	3.579	5.2	21.3
5 21	13 49.10	−22 53.3	2.645	3.567	7.8	21.4
5 31	13 43.45	−22 18.8	2.709	3.555	10.3	21.6

128027 2003 KT_{3} 4 24.8 303°.78 1°.8/23.5 17

3 22	14 35.95	− 7 2.2	2.209	3.057	11.6	19.3
4 1	14 30.14	− 7 10.2	2.120	3.045	8.6	19.0
4 11	14 22.44	− 7 17.0	2.056	3.033	5.2	18.8
4 21	14 13.48	− 7 24.6	2.020	3.021	2.1	18.6
5 1	14 4.06	− 7 35.3	2.013	3.010	3.5	18.6
5 11	13 55.10	− 7 51.5	2.034	2.998	7.0	18.8
5 21	13 47.39	− 8 14.8	2.082	2.987	10.4	19.0
5 31	13 41.54	− 8 46.4	2.153	2.976	13.4	19.2

17426 1989 CS_{1} 4 24.8 55°.21 7°.1/29.7 18

3 22	14 38.47	−30 32.5	1.707	2.496	17.0	17.4
4 1	14 32.72	−31 27.4	1.637	2.506	14.0	17.3
4 11	14 24.27	−32 1.3	1.588	2.517	10.8	17.1
4 21	14 14.01	−32 11.1	1.562	2.527	8.1	16.9
5 1	14 3.21	−31 56.8	1.562	2.538	7.1	16.9
5 11	13 53.26	−31 22.8	1.586	2.549	8.7	17.0
5 21	13 45.30	−30 36.3	1.635	2.561	11.5	17.2
5 31	13 40.09	−29 45.8	1.706	2.572	14.5	17.4

413903 2006 WQ_{22} 4 24.8 89°.47 3°.6/22.2 18

3 22	14 38.03	− 4 58.3	1.800	2.655	13.4	21.9
4 1	14 31.51	− 4 17.5	1.756	2.683	9.8	21.7
4 11	14 23.08	− 3 35.7	1.736	2.711	6.1	21.5
4 21	14 13.58	− 2 57.9	1.743	2.738	3.6	21.4
5 1	14 4.04	− 2 29.0	1.778	2.765	5.2	21.6
5 11	13 55.45	− 2 12.7	1.840	2.791	8.6	21.8
5 21	13 48.54	− 2 10.8	1.927	2.817	11.9	22.1
5 31	13 43.79	− 2 23.6	2.036	2.842	14.7	22.3

400519 2008 SB_{196} 4 24.8 138°.49 0°.3/24.4 18

3 22	14 27.64	−13 26.5	3.484	4.318	8.1	22.0
4 1	14 23.38	−13 1.1	3.406	4.324	5.9	21.8
4 11	14 18.11	−12 30.6	3.355	4.330	3.5	21.6
4 21	14 12.22	−11 57.0	3.332	4.335	0.9	21.4
5 1	14 6.18	−11 22.7	3.340	4.341	1.8	21.5
5 11	14 0.49	−10 50.4	3.377	4.346	4.3	21.7
5 21	13 55.54	−10 22.4	3.443	4.351	6.6	21.9
5 31	13 51.68	−10 0.7	3.533	4.356	8.7	22.0

14899 1992 LS 4 24.8 288°.01 0°.6/24.3 18

3 22	14 32.49	−14 38.3	1.668	2.522	14.4	18.0
4 1	14 28.18	−13 59.1	1.577	2.504	10.7	17.8
4 11	14 21.54	−13 6.5	1.508	2.486	6.4	17.5
4 21	14 13.27	−12 4.3	1.465	2.468	1.7	17.1
5 1	14 4.39	−10 58.2	1.449	2.450	3.4	17.2
5 11	13 56.08	− 9 55.7	1.459	2.433	8.2	17.4
5 21	13 49.35	− 9 3.4	1.493	2.415	12.7	17.6
5 31	13 44.95	− 8 26.5	1.549	2.397	16.6	17.8

405471 2004 VQ_{36} 4 24.8 255°.67 0°.4/24.5 16

3 22	14 38.14	−13 56.8	1.755	2.599	14.3	22.1
4 1	14 32.40	−13 36.7	1.654	2.576	10.7	21.8
4 11	14 24.13	−13 5.6	1.577	2.553	6.5	21.5
4 21	14 14.02	−12 25.9	1.526	2.529	1.8	21.2
5 1	14 3.12	−11 42.0	1.502	2.504	3.3	21.2
5 11	13 52.69	−11 0.0	1.507	2.478	8.2	21.4
5 21	13 43.84	−10 25.5	1.536	2.452	12.7	21.6
5 31	13 37.42	−10 3.4	1.586	2.425	16.7	21.8

122817 2000 SR_{104} 4 24.8 79°.09 1°.9/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 37.74	−18 39.5	1.794	2.625	14.5	19.7
4 1	14 31.61	−18 48.5	1.734	2.645	11.0	19.5
4 11	14 23.31	−18 45.1	1.698	2.666	7.0	19.3
4 21	14 13.69	−18 30.3	1.687	2.686	3.0	19.1
5 1	14 3.83	−18 7.3	1.704	2.706	2.9	19.1
5 11	13 54.85	−17 40.7	1.749	2.726	6.7	19.4
5 21	13 47.61	−17 15.5	1.819	2.745	10.5	19.7
5 31	13 42.68	−16 56.3	1.911	2.765	13.7	19.9

471108 2010 CL_1 4 24.8 126°.42 12°.6/15.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 45.05	+11 26.0	1.355	2.204	17.4	22.7
4 1	14 37.08	+14 3.9	1.332	2.231	14.5	22.6
4 11	14 26.51	+16 23.0	1.332	2.257	12.8	22.5
4 21	14 14.52	+18 9.8	1.357	2.281	12.9	22.6
5 1	14 2.60	+19 15.7	1.406	2.304	14.6	22.8
5 11	13 52.13	+19 39.0	1.476	2.324	17.0	23.0
5 21	13 44.05	+19 23.8	1.565	2.343	19.5	23.2
5 31	13 38.86	+18 37.3	1.668	2.360	21.5	23.4

369672 2011 SS_{89} 4 24.8 208°.13 1°.0/25.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 37.72	−17 46.8	1.752	2.587	14.7	22.2
4 1	14 31.91	−17 27.6	1.667	2.582	11.1	22.0
4 11	14 23.70	−16 54.4	1.605	2.577	6.9	21.7
4 21	14 13.86	−16 9.2	1.569	2.570	2.4	21.4
5 1	14 3.49	−15 16.3	1.560	2.563	2.8	21.4
5 11	13 53.81	−14 22.2	1.579	2.555	7.4	21.7
5 21	13 45.82	−13 33.1	1.623	2.546	11.7	21.9
5 31	13 40.25	−12 54.7	1.690	2.537	15.5	22.1

417670 2007 AV_4 4 24.8 153°.51 1°.6/23.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 35.46	−10 33.7	2.127	2.972	12.0	22.1
4 1	14 29.64	− 9 56.1	2.057	2.981	8.8	21.9
4 11	14 22.04	− 9 12.2	2.012	2.989	5.2	21.7
4 21	14 13.34	− 8 25.7	1.994	2.996	1.8	21.5
5 1	14 4.40	− 7 41.2	2.006	3.003	3.4	21.6
5 11	13 56.12	− 7 3.4	2.046	3.009	7.1	21.9
5 21	13 49.20	− 6 35.8	2.112	3.014	10.4	22.1
5 31	13 44.17	− 6 20.6	2.201	3.019	13.4	22.3

60065 1999 TR_{123} 4 24.8 301°.47 2°.0/22.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 28.73	−11 11.9	2.136	2.992	11.6	18.8
4 1	14 24.90	−10 4.0	2.042	2.972	8.5	18.6
4 11	14 19.34	− 8 46.3	1.973	2.953	5.0	18.3
4 21	14 12.63	− 7 23.7	1.932	2.933	2.1	18.1
5 1	14 5.53	− 6 2.3	1.920	2.914	3.9	18.2
5 11	13 58.88	− 4 48.5	1.935	2.895	7.6	18.4
5 21	13 53.39	− 3 47.7	1.975	2.876	11.1	18.6
5 31	13 49.62	− 3 3.3	2.038	2.858	14.2	18.7

423801 2006 HT_{66} 4 24.8 270°.59 0°.9/25.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 30.88	−21 23.9	2.022	2.850	13.3	20.7
4 1	14 26.55	−20 8.4	1.931	2.841	10.1	20.4
4 11	14 20.33	−18 33.7	1.863	2.833	6.3	20.2
4 21	14 12.90	−16 43.7	1.823	2.824	2.3	19.9
5 1	14 5.14	−14 44.9	1.812	2.815	2.5	19.9
5 11	13 57.99	−12 46.2	1.831	2.806	6.6	20.2
5 21	13 52.21	−10 56.0	1.876	2.798	10.5	20.4
5 31	13 48.37	− 9 20.9	1.945	2.789	13.9	20.6

377398 2004 SQ_1 4 24.8 206°.42 0°.7/25.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 34.62	−16 38.3	2.094	2.928	12.6	21.6
4 1	14 29.24	−16 23.2	2.009	2.924	9.5	21.4
4 11	14 21.94	−15 57.5	1.948	2.921	5.8	21.1
4 21	14 13.36	−15 23.1	1.915	2.916	1.9	20.9
5 1	14 4.39	−14 43.7	1.909	2.912	2.4	20.9
5 11	13 55.98	−14 3.8	1.932	2.907	6.4	21.1
5 21	13 48.94	−13 28.3	1.982	2.902	10.1	21.3
5 31	13 43.87	−13 1.1	2.054	2.896	13.3	21.5

305961 2009 HZ_{46} 4 24.8 221°.31 4°.8/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.16	+ 1 7.6	2.434	3.290	10.4	20.6
4 1	14 26.34	+ 1 57.1	2.364	3.287	7.9	20.4
4 11	14 20.03	+ 2 44.1	2.319	3.284	5.7	20.3
4 21	14 12.80	+ 3 24.3	2.302	3.280	4.8	20.2
5 1	14 5.33	+ 3 53.3	2.313	3.277	6.1	20.3
5 11	13 58.34	+ 4 8.0	2.351	3.274	8.5	20.4
5 21	13 52.44	+ 4 7.1	2.413	3.270	11.0	20.6
5 31	13 48.09	+ 3 50.7	2.497	3.266	13.3	20.7

429158 2009 UX_{137} 4 24.8 120°.09 1°.5/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 34.22	−11 15.6	2.279	3.122	11.4	21.9
4 1	14 28.53	−10 22.6	2.219	3.143	8.3	21.7
4 11	14 21.28	− 9 23.1	2.185	3.162	4.9	21.5
4 21	14 13.13	− 8 21.3	2.179	3.181	1.7	21.3
5 1	14 4.86	− 7 22.1	2.203	3.199	3.3	21.5
5 11	13 57.26	− 6 30.2	2.256	3.217	6.6	21.7
5 21	13 50.95	− 5 49.2	2.335	3.234	9.7	21.9
5 31	13 46.38	− 5 21.3	2.438	3.250	12.4	22.1

169 Zelia 4 24.8 259°.71 2°.6/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 37.18	−20 5.9	1.657	2.490	15.5	13.5
4 1	14 31.82	−20 15.5	1.566	2.477	12.0	13.2
4 11	14 23.83	−20 10.4	1.497	2.464	7.9	13.0
4 21	14 13.96	−19 50.7	1.453	2.450	3.7	12.7
5 1	14 3.36	−19 18.8	1.436	2.437	3.4	12.6
5 11	13 53.35	−18 40.1	1.445	2.423	7.7	12.8
5 21	13 45.11	−18 1.0	1.478	2.409	12.1	13.0
5 31	13 39.46	−17 28.1	1.534	2.395	16.1	13.3

281508 2008 TA_{10} 4 24.8 102°.85 5°.4/19.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 32.87	+ 0 17.4	1.973	2.834	12.2	21.0
4 1	14 27.79	+ 1 21.1	1.917	2.844	9.2	20.8
4 11	14 20.95	+ 2 22.4	1.886	2.853	6.5	20.6
4 21	14 13.06	+ 3 15.3	1.882	2.862	5.5	20.6
5 1	14 4.97	+ 3 54.3	1.905	2.871	7.0	20.7
5 11	13 57.59	+ 4 15.7	1.954	2.880	9.7	20.9
5 21	13 51.58	+ 4 18.1	2.026	2.889	12.6	21.1
5 31	13 47.46	+ 4 2.1	2.119	2.898	15.1	21.3

386315 2008 SH_{66} 4 24.8 213°.69 0°.6/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 32.99	−13 31.0	2.421	3.259	11.0	22.4
4 1	14 27.80	−12 55.3	2.332	3.252	8.1	22.2
4 11	14 20.97	−12 11.4	2.268	3.244	4.8	21.9
4 21	14 13.09	−11 22.1	2.233	3.236	1.3	21.7
5 1	14 4.87	−10 31.4	2.227	3.227	2.6	21.8
5 11	13 57.13	− 9 43.9	2.249	3.217	6.1	22.0
5 21	13 50.52	− 9 3.5	2.299	3.207	9.4	22.2
5 31	13 45.56	− 8 33.6	2.373	3.197	12.3	22.3

232226 2002 JS_{134} 4 24.8 157°.34 0°.1/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 35.03	−14 16.1	1.981	2.823	12.9	20.6
4 1	14 29.58	−14 8.3	1.905	2.825	9.6	20.4
4 11	14 22.15	−13 51.9	1.852	2.827	5.8	20.2
4 21	14 13.43	−13 29.1	1.826	2.828	1.6	19.9
5 1	14 4.34	−13 3.3	1.828	2.830	2.6	19.9
5 11	13 55.89	−12 38.9	1.857	2.831	6.7	20.2
5 21	13 48.87	−12 19.7	1.913	2.832	10.4	20.4
5 31	13 43.90	−12 9.1	1.991	2.833	13.7	20.6

94615 2001 VX_{116} 4 24.8 304°.77 4°.1/27.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.84	−23 15.2	1.299	2.143	18.3	19.3
4 1	14 30.00	−23 23.1	1.212	2.126	14.5	19.0
4 11	14 23.05	−23 9.1	1.145	2.110	10.0	18.7
4 21	14 13.80	−22 32.3	1.099	2.094	5.5	18.4
5 1	14 3.62	−21 35.5	1.077	2.078	4.7	18.3
5 11	13 54.15	−20 26.6	1.080	2.062	9.0	18.4
5 21	13 46.82	−19 15.6	1.104	2.047	14.0	18.7
5 31	13 42.61	−18 12.8	1.148	2.033	18.7	18.9

312006 2007 PD_{49} 4 24.8 289°.72 0°.2/24.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 35.40	−14 28.4	1.387	2.247	16.4	21.1
4 1	14 30.91	−14 12.4	1.296	2.226	12.4	20.8
4 11	14 23.50	−13 43.2	1.226	2.204	7.5	20.5
4 21	14 13.93	−13 3.4	1.180	2.183	2.1	20.1
5 1	14 3.43	−12 18.1	1.159	2.161	3.6	20.1
5 11	13 53.53	−11 34.6	1.163	2.140	9.3	20.4
5 21	13 45.53	−11 0.3	1.189	2.118	14.5	20.6
5 31	13 40.42	−10 40.6	1.235	2.097	19.1	20.8

86797 2000 GM_{108} 4 24.8 312°.38 5°.0/21.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.08	− 6 54.8	1.178	2.064	16.8	17.9
4 1	14 27.88	− 5 42.8	1.099	2.043	12.5	17.6
4 11	14 21.73	− 4 20.5	1.040	2.022	7.9	17.3
4 21	14 13.43	− 2 56.3	1.004	2.002	5.0	17.0
5 1	14 4.29	− 1 41.6	0.992	1.982	7.7	17.1
5 11	13 55.87	− 0 46.6	1.002	1.963	12.7	17.3
5 21	13 49.49	− 0 18.2	1.032	1.945	17.8	17.5
5 31	13 46.08	− 0 18.7	1.079	1.927	22.2	17.8

463127 2011 VM_6 4 24.8 152°.51 1°.7/23.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 36.21	−12 3.1	1.723	2.575	14.1	22.5
4 1	14 30.57	−11 9.4	1.655	2.582	10.3	22.3
4 11	14 22.76	−10 5.8	1.611	2.589	6.1	22.1
4 21	14 13.60	− 8 57.5	1.593	2.595	2.0	21.8
5 1	14 4.14	− 7 50.9	1.603	2.601	3.9	22.0
5 11	13 55.50	− 6 52.9	1.641	2.606	8.2	22.2
5 21	13 48.53	− 6 8.6	1.703	2.611	12.2	22.5
5 31	13 43.83	− 5 41.1	1.787	2.615	15.6	22.7

345708 2006 VH_{115} 4 24.8 161°.79 1°.5/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 30.35	−11 31.5	2.385	3.233	10.8	20.8
4 1	14 25.79	−10 32.4	2.310	3.235	7.9	20.6
4 11	14 19.73	− 9 25.9	2.260	3.238	4.6	20.4
4 21	14 12.74	− 8 16.2	2.238	3.240	1.7	20.2
5 1	14 5.54	− 7 8.2	2.246	3.242	3.2	20.3
5 11	13 58.85	− 6 7.2	2.283	3.244	6.5	20.5
5 21	13 53.28	− 5 17.1	2.345	3.245	9.6	20.7
5 31	13 49.30	− 4 40.4	2.431	3.247	12.3	20.9

279495 2011 AA_{16} 4 24.8 83°.16 0°.8/24.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 37.21	−12 25.3	1.737	2.585	14.1	21.2
4 1	14 31.15	−12 6.6	1.683	2.608	10.4	21.0
4 11	14 23.01	−11 40.1	1.653	2.630	6.1	20.8
4 21	14 13.65	−11 9.1	1.649	2.652	1.7	20.5
5 1	14 4.13	−10 37.9	1.673	2.673	3.2	20.7
5 11	13 55.52	−10 11.6	1.724	2.695	7.4	21.0
5 21	13 48.65	− 9 53.9	1.800	2.716	11.2	21.2
5 31	13 44.02	− 9 47.5	1.898	2.736	14.4	21.5

294845 2008 CM_{165} 4 24.8 325°.90 2°.2/26.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 30.79	−20 51.2	2.064	2.892	13.0	20.2
4 1	14 26.56	−20 45.6	1.974	2.883	10.0	20.0
4 11	14 20.42	−20 26.6	1.908	2.873	6.6	19.8
4 21	14 12.98	−19 55.2	1.867	2.864	3.2	19.6
5 1	14 5.12	−19 14.4	1.854	2.855	2.8	19.5
5 11	13 57.76	−18 28.9	1.868	2.847	6.2	19.7
5 21	13 51.72	−17 44.0	1.908	2.839	9.8	19.9
5 31	13 47.62	−17 4.8	1.970	2.831	13.0	20.1

157393 2004 TM_{209} 4 24.8 274°.27 0°.1/24.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.96	−15 1.9	1.857	2.703	13.5	21.0
4 1	14 29.09	−14 43.7	1.765	2.688	10.1	20.7
4 11	14 22.03	−14 14.7	1.697	2.672	6.2	20.5
4 21	14 13.46	−13 37.3	1.654	2.657	1.8	20.1
5 1	14 4.32	−12 55.5	1.639	2.641	2.8	20.2
5 11	13 55.72	−12 14.9	1.651	2.626	7.3	20.4
5 21	13 48.57	−11 40.6	1.688	2.610	11.4	20.6
5 31	13 43.59	−11 17.0	1.747	2.594	15.1	20.8

120909 1998 SO_{58} 4 24.8 282°.80 4°.2/20.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.20	− 5 11.2	2.005	2.867	12.0	19.9
4 1	14 26.88	− 3 48.7	1.909	2.840	8.9	19.7
4 11	14 20.64	− 2 19.6	1.838	2.813	5.8	19.4
4 21	14 13.06	− 0 50.4	1.795	2.786	4.2	19.3
5 1	14 4.97	+ 0 31.6	1.780	2.759	6.2	19.3
5 11	13 57.30	+ 1 39.4	1.791	2.731	9.6	19.5
5 21	13 50.87	+ 2 28.2	1.827	2.703	13.1	19.6
5 31	13 46.32	+ 2 55.5	1.883	2.674	16.2	19.8

377822 2006 BM_{85} 4 24.8 180°.30 0°.4/25.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 34.73	−16 11.4	2.393	3.222	11.4	22.4
4 1	14 29.07	−15 50.4	2.310	3.224	8.5	22.2
4 11	14 21.73	−15 20.0	2.252	3.224	5.2	22.0
4 21	14 13.33	−14 42.4	2.222	3.225	1.6	21.8
5 1	14 4.62	−14 0.9	2.222	3.224	2.2	21.8
5 11	13 56.45	−13 19.7	2.251	3.223	5.8	22.1
5 21	13 49.49	−12 43.0	2.306	3.222	9.1	22.3
5 31	13 44.27	−12 14.2	2.386	3.219	12.0	22.5

141080 2001 XV_{33} 4 24.8 194°.63 1°.9/26.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.33	−21 47.1	2.537	3.351	11.3	20.5
4 1	14 26.56	−21 24.2	2.450	3.350	8.7	20.4
4 11	14 20.23	−20 48.7	2.386	3.348	5.7	20.2
4 21	14 12.90	−20 2.1	2.350	3.346	2.7	20.0
5 1	14 5.31	−19 7.5	2.343	3.344	2.4	19.9
5 11	13 58.19	−18 9.4	2.365	3.342	5.2	20.1
5 21	13 52.20	−17 12.6	2.415	3.340	8.3	20.3
5 31	13 47.82	−16 21.6	2.489	3.337	11.1	20.5

184789 2005 TY_{56} 4 24.8 297°.69 0°.7/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.18	−12 37.3	2.187	3.035	11.7	20.4
4 1	14 26.68	−12 14.5	2.098	3.023	8.6	20.2
4 11	14 20.41	−11 44.2	2.033	3.011	5.1	20.0
4 21	14 12.98	−11 9.2	1.996	2.999	1.4	19.7
5 1	14 5.15	−10 33.1	1.987	2.987	2.8	19.8
5 11	13 57.79	−10 0.5	2.005	2.976	6.6	20.0
5 21	13 51.62	− 9 35.1	2.050	2.964	10.1	20.2
5 31	13 47.22	− 9 19.9	2.117	2.953	13.2	20.3

504404 2007 WM_{36} 4 24.8 36°.15 3°.8/22.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 37.65	− 1 46.2	1.992	2.844	12.5	21.1
4 1	14 31.38	− 1 46.0	1.924	2.848	9.3	20.9
4 11	14 23.16	− 1 48.5	1.880	2.853	6.0	20.7
4 21	14 13.73	− 1 56.8	1.864	2.857	3.8	20.6
5 1	14 4.00	− 2 13.6	1.876	2.862	5.1	20.7
5 11	13 54.95	− 2 41.0	1.916	2.866	8.3	20.9
5 21	13 47.38	− 3 19.3	1.981	2.871	11.6	21.1
5 31	13 41.84	− 4 8.4	2.068	2.877	14.4	21.3

420727 2012 QE_{31} 4 24.8 251°.33 0°.1/24.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 24.15	−14 40.0	4.536	5.365	6.4	21.4
4 1	14 20.71	−14 12.3	4.445	5.360	4.7	21.3
4 11	14 16.51	−13 40.0	4.381	5.355	2.8	21.1
4 21	14 11.84	−13 4.7	4.347	5.349	0.8	21.0
5 1	14 7.04	−12 28.2	4.342	5.344	1.3	21.0
5 11	14 2.47	−11 52.7	4.368	5.339	3.3	21.2
5 21	13 58.43	−11 20.2	4.423	5.333	5.2	21.3
5 31	13 55.18	−10 52.2	4.503	5.328	6.9	21.4

428075 2006 HY_{97} 4 24.8 330°.28 1°.4/25.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 30.36	−19 54.3	1.741	2.582	14.5	20.5
4 1	14 26.48	−19 18.5	1.658	2.575	11.0	20.2
4 11	14 20.46	−18 25.7	1.597	2.568	7.0	20.0
4 21	14 13.01	−17 18.7	1.561	2.562	2.7	19.7
5 1	14 5.13	−16 2.8	1.553	2.556	2.7	19.7
5 11	13 57.91	−14 45.7	1.571	2.550	7.1	19.9
5 21	13 52.22	−13 34.5	1.613	2.545	11.2	20.2
5 31	13 48.72	−12 35.6	1.678	2.540	14.9	20.4

53782 2000 EZ_{94} 4 24.8 353°.91 3°.2/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.03	−21 51.1	1.086	1.950	19.7	18.0
4 1	14 28.06	−21 43.3	1.019	1.945	15.3	17.7
4 11	14 21.89	−21 10.9	0.969	1.942	10.1	17.4
4 21	14 13.48	−20 15.2	0.941	1.939	4.9	17.1
5 1	14 4.38	−19 2.2	0.935	1.937	4.2	17.1
5 11	13 56.31	−17 42.6	0.951	1.937	9.3	17.3
5 21	13 50.63	−16 28.0	0.989	1.937	14.7	17.6
5 31	13 48.18	−15 28.0	1.045	1.939	19.3	17.9

228381 2000 WM_{133} 4 24.8 177°.75 1°.5/26.0 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 37.76	−18 9.5	2.349	3.167	12.0	20.8
4 1	14 31.39	−18 19.5	2.264	3.169	9.1	20.6
4 11	14 23.18	−18 19.9	2.205	3.171	5.8	20.4
4 21	14 13.76	−18 11.6	2.173	3.171	2.4	20.2
5 1	14 3.96	−17 56.3	2.170	3.172	2.4	20.2
5 11	13 54.69	−17 37.5	2.197	3.171	5.8	20.4
5 21	13 46.72	−17 18.8	2.252	3.171	9.1	20.6
5 31	13 40.63	−17 3.9	2.330	3.169	12.0	20.8

307556 2003 EQ_{43} 4 24.8 67°.95 8°.1/17.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 37.22	+ 2 20.5	1.621	2.484	14.3	20.2
4 1	14 30.85	+ 5 3.6	1.607	2.529	11.0	20.1
4 11	14 22.62	+ 7 37.3	1.619	2.573	8.6	20.1
4 21	14 13.50	+ 9 50.3	1.658	2.617	8.3	20.2
5 1	14 4.56	+11 33.8	1.725	2.660	10.1	20.4
5 11	13 56.76	+12 44.1	1.817	2.702	12.6	20.6
5 21	13 50.76	+13 22.1	1.931	2.743	15.1	20.9
5 31	13 46.94	+13 31.3	2.062	2.784	17.1	21.1

443307 2014 FQ_{34} 4 24.8 41°.33 0°.2/24.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.90	−14 4.9	2.008	2.855	12.6	20.7
4 1	14 27.20	−13 46.5	1.939	2.863	9.3	20.5
4 11	14 20.69	−13 19.5	1.895	2.871	5.5	20.3
4 21	14 13.05	−12 46.8	1.877	2.880	1.5	20.1
5 1	14 5.15	−12 12.2	1.886	2.888	2.6	20.2
5 11	13 57.89	−11 40.3	1.924	2.897	6.5	20.4
5 21	13 51.99	−11 15.1	1.986	2.906	10.1	20.7
5 31	13 48.00	−10 59.6	2.071	2.916	13.1	20.9

20992 1985 RV_{2} 4 24.8 240°.51 3°.3/22.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 35.71	− 7 5.4	1.895	2.750	12.9	19.7
4 1	14 30.28	− 6 9.1	1.806	2.734	9.5	19.5
4 11	14 22.70	− 5 6.6	1.740	2.717	5.9	19.2
4 21	14 13.66	− 4 3.2	1.702	2.699	3.3	19.0
5 1	14 4.09	− 3 5.3	1.692	2.681	5.2	19.1
5 11	13 55.05	− 2 18.9	1.710	2.662	9.1	19.3
5 21	13 47.44	− 1 48.3	1.752	2.642	12.8	19.5
5 31	13 41.94	− 1 35.8	1.815	2.622	16.2	19.7

236610 2006 JL_{42} 4 24.8 155°.40 1°.4/23.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 32.60	−11 13.0	2.131	2.980	11.9	21.0
4 1	14 27.62	−10 34.6	2.058	2.984	8.7	20.8
4 11	14 20.91	− 9 49.3	2.009	2.986	5.1	20.6
4 21	14 13.11	− 9 0.8	1.987	2.989	1.7	20.4
5 1	14 5.05	− 8 13.6	1.994	2.992	3.3	20.5
5 11	13 57.56	− 7 32.7	2.029	2.994	6.9	20.7
5 21	13 51.37	− 7 1.6	2.089	2.996	10.3	20.9
5 31	13 46.99	− 6 43.1	2.172	2.998	13.2	21.1

17143 1999 JN_{97} 4 24.8 271°.47 3°.5/21.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 30.06	− 5 1.1	2.215	3.075	11.1	18.7
4 1	14 25.73	− 3 59.1	2.139	3.069	8.2	18.5
4 11	14 19.78	− 2 54.1	2.087	3.062	5.2	18.3
4 21	14 12.80	− 1 51.0	2.063	3.056	3.6	18.1
5 1	14 5.53	− 0 55.3	2.067	3.049	5.1	18.2
5 11	13 58.76	− 0 11.8	2.099	3.043	8.1	18.4
5 21	13 53.15	+ 0 16.5	2.155	3.036	11.2	18.6
5 31	13 49.19	+ 0 28.1	2.232	3.030	13.8	18.7

471711 2012 TG_{300} 4 24.8 140°.47 0°.8/24.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 32.95	−11 34.7	2.470	3.311	10.7	21.9
4 1	14 27.65	−11 14.7	2.396	3.318	7.8	21.8
4 11	14 20.84	−10 49.2	2.348	3.324	4.6	21.6
4 21	14 13.08	−10 20.7	2.328	3.331	1.4	21.3
5 1	14 5.10	− 9 52.4	2.337	3.337	2.6	21.4
5 11	13 57.64	− 9 27.9	2.375	3.343	5.9	21.7
5 21	13 51.32	− 9 9.9	2.440	3.348	9.0	21.9
5 31	13 46.60	− 9 0.8	2.529	3.353	11.6	22.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
401325 2013 AK_{39}			4 24.8	10°.00	7°.1/20.4 18	
	h m	° ′			°	m
3 22	14 34.73	− 1 4.4	1.199	2.081	16.8	20.3
4 1	14 30.22	+ 0 7.3	1.143	2.082	12.8	20.0
4 11	14 22.88	+ 1 18.1	1.108	2.082	8.9	19.8
4 21	14 13.71	+ 2 18.5	1.096	2.083	7.1	19.7
5 1	14 4.11	+ 2 58.9	1.108	2.085	9.3	19.8
5 11	13 55.55	+ 3 13.3	1.142	2.086	13.3	20.1
5 21	13 49.14	+ 3 0.3	1.196	2.089	17.4	20.3
5 31	13 45.59	+ 2 21.6	1.267	2.091	20.9	20.5
520205 2014 DX_{150}			4 24.8	146°.70	3°.5/28.2 18	
3 22	14 34.52	−25 49.2	2.657	3.446	11.5	21.3
4 1	14 28.90	−26 5.2	2.574	3.452	9.2	21.2
4 11	14 21.64	−26 8.2	2.514	3.458	6.6	21.0
4 21	14 13.33	−25 58.3	2.482	3.463	4.2	20.8
5 1	14 4.71	−25 36.8	2.478	3.468	3.6	20.8
5 11	13 56.57	−25 6.6	2.503	3.473	5.4	20.9
5 21	13 49.61	−24 32.0	2.555	3.478	8.0	21.1
5 31	13 44.32	−23 57.4	2.632	3.482	10.5	21.3
366417 2001 TJ_{223}			4 24.8	183°.02	0°.2/25.0 16	
3 22	14 34.71	−16 15.0	2.508	3.334	11.1	24.1
4 1	14 28.99	−15 41.6	2.423	3.335	8.2	23.9
4 11	14 21.66	−14 58.6	2.364	3.336	5.0	23.7
4 21	14 13.33	−14 8.3	2.332	3.335	1.5	23.4
5 1	14 4.72	−13 14.6	2.331	3.333	2.2	23.5
5 11	13 56.63	−12 21.9	2.360	3.331	5.7	23.7
5 21	13 49.70	−11 34.5	2.417	3.328	8.9	23.9
5 31	13 44.44	−10 56.0	2.497	3.324	11.7	24.1
299882 2006 SV_{325}			4 24.8	85°.14	1°.6/23.1 17	
3 22	14 30.91	−10 55.9	2.347	3.195	10.9	20.8
4 1	14 26.11	−10 0.4	2.289	3.215	7.9	20.6
4 11	14 19.88	− 8 59.0	2.257	3.235	4.6	20.4
4 21	14 12.80	− 7 55.8	2.253	3.255	1.8	20.2
5 1	14 5.62	− 6 55.7	2.279	3.274	3.3	20.4
5 11	13 59.04	− 6 3.2	2.332	3.293	6.4	20.6
5 21	13 53.64	− 5 21.8	2.412	3.312	9.4	20.8
5 31	13 49.83	− 4 53.5	2.515	3.331	11.9	21.0
68160 2001 BC_{18}			4 24.8	223°.28	2°.8/22.3 18	
3 22	14 34.55	− 9 11.6	1.856	2.712	13.1	19.9
4 1	14 29.38	− 8 4.4	1.773	2.703	9.6	19.6
4 11	14 22.13	− 6 48.7	1.715	2.693	5.8	19.4
4 21	14 13.50	− 5 30.2	1.684	2.683	2.9	19.2
5 1	14 4.43	− 4 15.8	1.680	2.672	4.9	19.3
5 11	13 55.97	− 3 12.5	1.705	2.660	8.8	19.5
5 21	13 48.98	− 2 25.2	1.754	2.648	12.6	19.7
5 31	13 44.10	− 1 56.9	1.824	2.636	15.9	19.9
205910 2002 GD_{100}			4 24.8	49°.79	0°.7/25.3 18	
3 22	14 35.26	−17 2.3	1.213	2.075	18.1	20.3
4 1	14 30.54	−16 38.5	1.162	2.092	13.5	20.1
4 11	14 23.00	−15 58.0	1.132	2.109	8.2	19.9
4 21	14 13.74	−15 5.1	1.124	2.127	2.6	19.6
5 1	14 4.22	−14 6.8	1.142	2.145	3.4	19.7
5 11	13 55.91	−13 11.6	1.184	2.164	8.7	20.0
5 21	13 49.86	−12 27.1	1.248	2.183	13.5	20.4
5 31	13 46.69	−11 58.1	1.332	2.202	17.5	20.7
258904 2002 QA_{100}			4 24.8	185°.77	4°.7/20.4 16	
3 22	14 34.92	− 1 41.8	2.150	3.004	11.6	21.8
4 1	14 29.29	− 0 34.1	2.079	3.004	8.7	21.6
4 11	14 21.91	+ 0 33.9	2.035	3.003	5.9	21.4
4 21	14 13.43	+ 1 36.7	2.018	3.002	4.7	21.3
5 1	14 4.68	+ 2 28.4	2.029	3.000	6.3	21.4
5 11	13 56.52	+ 3 4.5	2.068	2.997	9.1	21.6
5 21	13 49.66	+ 3 22.9	2.132	2.994	12.0	21.8
5 31	13 44.63	+ 3 23.1	2.216	2.989	14.6	21.9
410399 2007 XJ_{9}			4 24.8	83°.97	0°.9/25.4 16	
3 22	14 37.47	−17 0.8	1.548	2.393	15.8	21.9
4 1	14 31.69	−16 46.5	1.491	2.411	11.8	21.7
4 11	14 23.52	−16 18.8	1.455	2.429	7.2	21.5
4 21	14 13.89	−15 40.4	1.445	2.447	2.4	21.2
5 1	14 4.01	−14 56.4	1.462	2.465	2.9	21.3
5 11	13 55.13	−14 13.0	1.505	2.482	7.6	21.6
5 21	13 48.19	−13 36.2	1.573	2.500	11.8	21.9
5 31	13 43.77	−13 10.5	1.662	2.517	15.3	22.2
383898 2008 SQ_{45}			4 24.8	263°.28	0°.4/25.1 17	
3 22	14 34.87	−15 0.6	1.916	2.758	13.3	21.4
4 1	14 29.64	−14 56.2	1.834	2.754	9.9	21.2
4 11	14 22.31	−14 42.5	1.775	2.749	6.1	20.9
4 21	14 13.58	−14 21.4	1.743	2.745	1.8	20.6
5 1	14 4.41	−13 56.2	1.738	2.741	2.6	20.7
5 11	13 55.83	−13 31.2	1.761	2.736	6.9	20.9
5 21	13 48.72	−13 10.9	1.810	2.732	10.8	21.1
5 31	13 43.72	−12 58.9	1.880	2.728	14.1	21.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
15848 1995 YJ_{4}			4 24.8	133°.71	8°.0/13.2 18	
	h m	° ′			°	m
3 22	14 31.62	+18 38.0	3.048	3.859	9.7	18.4
4 1	14 26.38	+19 56.4	3.016	3.874	8.6	18.3
4 11	14 19.95	+21 2.3	3.010	3.889	8.1	18.3
4 21	14 12.85	+21 51.5	3.029	3.903	8.3	18.3
5 1	14 5.66	+22 20.6	3.073	3.916	9.1	18.4
5 11	13 58.97	+22 28.6	3.141	3.929	10.3	18.5
5 21	13 53.26	+22 16.4	3.230	3.942	11.6	18.6
5 31	13 48.87	+21 46.0	3.337	3.954	12.7	18.8
48478 1991 VF_{3}			4 24.8	221°.39	0°.5/24.5 18	R
3 22	14 40.02	−11 49.8	2.094	2.929	12.6	19.2
4 1	14 33.34	−11 51.7	2.001	2.919	9.4	19.0
4 11	14 24.52	−11 47.7	1.933	2.908	5.6	18.7
4 21	14 14.22	−11 39.5	1.893	2.896	1.6	18.4
5 1	14 3.37	−11 29.8	1.883	2.884	2.8	18.5
5 11	13 53.02	−11 22.0	1.901	2.870	7.0	18.7
5 21	13 44.09	−11 19.4	1.947	2.857	10.8	18.9
5 31	13 37.24	−11 24.6	2.016	2.842	14.1	19.1
259095 2002 VJ_{115}			4 24.8	165°.41	2°.2/22.9 17	
3 22	14 34.70	− 9 36.7	1.980	2.831	12.6	21.4
4 1	14 29.27	− 8 45.2	1.908	2.836	9.2	21.2
4 11	14 21.96	− 7 47.0	1.862	2.839	5.5	21.0
4 21	14 13.46	− 6 46.9	1.842	2.843	2.4	20.8
5 1	14 4.69	− 5 50.5	1.851	2.846	4.1	20.9
5 11	13 56.57	− 5 3.2	1.888	2.848	7.8	21.1
5 21	13 49.89	− 4 28.9	1.951	2.850	11.3	21.3
5 31	13 45.17	− 4 10.1	2.035	2.851	14.4	21.5
195301 2002 EH_{94}			4 24.8	335°.58	2°.8/22.6 17	
3 22	14 31.77	− 8 49.9	1.667	2.533	13.8	20.3
4 1	14 27.48	− 7 59.5	1.594	2.529	10.1	20.1
4 11	14 21.06	− 7 2.2	1.545	2.525	6.1	19.8
4 21	14 13.24	− 6 3.3	1.521	2.522	2.9	19.6
5 1	14 5.02	− 5 9.4	1.524	2.518	4.8	19.7
5 11	13 57.50	− 4 26.7	1.553	2.516	8.9	20.0
5 21	13 51.53	− 3 59.6	1.606	2.513	12.8	20.2
5 31	13 47.74	− 3 50.2	1.679	2.511	16.2	20.4
183529 2003 FV_{127}			4 24.8	11°.04	2°.3/26.3 17	
3 22	14 36.55	−18 7.0	1.900	2.731	13.8	19.4
4 1	14 30.94	−18 46.5	1.823	2.733	10.6	19.2
4 11	14 23.12	−19 16.5	1.769	2.736	6.9	18.9
4 21	14 13.83	−19 36.6	1.742	2.739	3.3	18.7
5 1	14 4.05	−19 47.7	1.742	2.743	3.1	18.7
5 11	13 54.90	−19 52.5	1.770	2.747	6.7	18.9
5 21	13 47.29	−19 54.8	1.824	2.752	10.3	19.2
5 31	13 41.91	−19 58.5	1.900	2.757	13.6	19.4
155795 2000 UG_{10}			4 24.8	229°.87	1°.1/23.9 18	
3 22	14 36.04	−10 40.5	2.374	3.213	11.2	20.2
4 1	14 30.16	−10 22.8	2.279	3.200	8.3	20.0
4 11	14 22.51	− 9 59.6	2.210	3.186	4.9	19.8
4 21	14 13.65	− 9 33.4	2.168	3.171	1.6	19.5
5 1	14 4.35	− 9 7.4	2.157	3.155	3.0	19.6
5 11	13 55.48	− 8 45.4	2.174	3.139	6.5	19.8
5 21	13 47.78	− 8 30.5	2.219	3.123	9.9	19.9
5 31	13 41.83	− 8 25.1	2.287	3.105	12.9	20.1
199740 2006 HX_{151}			4 24.8	151°.25	0°.6/24.3 17	
3 22	14 32.88	−13 47.4	2.143	2.986	12.0	21.1
4 1	14 27.86	−13 10.8	2.068	2.990	8.9	20.9
4 11	14 21.09	−12 25.4	2.018	2.994	5.3	20.6
4 21	14 13.23	−11 34.5	1.995	2.998	1.4	20.4
5 1	14 5.10	−10 42.5	2.001	3.002	2.7	20.5
5 11	13 57.57	− 9 54.5	2.035	3.005	6.5	20.7
5 21	13 51.34	− 9 14.8	2.096	3.008	10.0	20.9
5 31	13 46.93	− 8 46.6	2.179	3.011	13.0	21.1
384964 2012 TB_{154}			4 24.8	106°.53	0°.9/23.9 17	
3 22	14 32.76	−12 19.0	2.378	3.220	11.1	21.7
4 1	14 27.51	−11 46.1	2.315	3.237	8.1	21.5
4 11	14 20.76	−11 6.9	2.277	3.253	4.7	21.4
4 21	14 13.11	−10 24.2	2.266	3.269	1.4	21.1
5 1	14 5.31	− 9 42.2	2.285	3.285	2.7	21.3
5 11	13 58.11	− 9 4.7	2.333	3.300	6.0	21.5
5 21	13 52.10	− 8 35.0	2.407	3.315	9.1	21.7
5 31	13 47.73	− 8 15.6	2.505	3.330	11.7	21.9
264649 2001 XH_{45}			4 24.8	244°.17	0°.3/24.9 17	
3 22	14 38.45	−13 37.5	1.885	2.725	13.6	20.2
4 1	14 32.39	−13 50.2	1.798	2.717	10.2	20.0
4 11	14 24.04	−13 55.7	1.735	2.709	6.2	19.7
4 21	14 14.12	−13 55.2	1.699	2.701	1.8	19.4
5 1	14 3.62	−13 51.0	1.690	2.693	2.7	19.5
5 11	13 53.70	−13 46.6	1.710	2.684	7.1	19.7
5 21	13 45.31	−13 45.6	1.756	2.675	11.2	20.0
5 31	13 39.18	−13 51.3	1.824	2.666	14.7	20.2

83213 2001 RD_{22} 4 24.8 124°.06 3°.4/20.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 31.07	− 4 15.0	2.489	3.344	10.2	20.2
4 1	14 26.20	− 3 10.5	2.429	3.356	7.5	20.0
4 11	14 19.95	− 2 4.6	2.395	3.368	4.8	19.8
4 21	14 12.89	− 1 1.9	2.390	3.380	3.4	19.8
5 1	14 5.68	− 0 7.3	2.414	3.392	4.8	19.9
5 11	13 59.02	+ 0 35.4	2.465	3.403	7.4	20.1
5 21	13 53.44	+ 1 4.0	2.543	3.414	10.0	20.2
5 31	13 49.36	+ 1 17.4	2.642	3.425	12.3	20.4

292290 2006 SN_{134} 4 24.8 215°.57 9°.8/12.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 34.33	+13 11.6	2.125	2.963	12.3	21.0
4 1	14 29.01	+15 28.3	2.067	2.954	10.7	20.9
4 11	14 21.84	+17 35.1	2.035	2.944	9.9	20.8
4 21	14 13.46	+19 22.9	2.030	2.934	10.3	20.8
5 1	14 4.72	+20 44.0	2.050	2.922	11.8	20.9
5 11	13 56.54	+21 34.4	2.094	2.910	13.8	21.0
5 21	13 49.68	+21 53.9	2.157	2.897	15.9	21.1
5 31	13 44.69	+21 44.9	2.236	2.883	17.7	21.3

52194 1149 T-$_3$ 4 24.8 164°.58 2°.1/27.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 29.98	−23 11.4	2.928	3.732	10.2	19.3
4 1	14 25.42	−22 54.2	2.841	3.734	7.9	19.2
4 11	14 19.53	−22 25.5	2.780	3.736	5.3	19.0
4 21	14 12.80	−21 46.5	2.745	3.737	2.9	18.9
5 1	14 5.85	−20 59.7	2.740	3.739	2.4	18.8
5 11	13 59.32	−20 8.6	2.764	3.740	4.6	19.0
5 21	13 53.76	−19 17.4	2.816	3.741	7.2	19.1
5 31	13 49.59	−18 29.8	2.893	3.742	9.7	19.3

262522 2006 UJ_{284} 4 24.8 111°.75 0°.4/25.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 34.73	−17 1.9	1.712	2.556	14.6	21.6
4 1	14 29.60	−16 27.8	1.644	2.564	10.9	21.4
4 11	14 22.29	−15 40.2	1.598	2.572	6.6	21.2
4 21	14 13.61	−14 42.3	1.578	2.580	2.0	20.9
5 1	14 4.62	−13 39.7	1.585	2.588	2.8	21.0
5 11	13 56.43	−12 39.3	1.620	2.596	7.3	21.2
5 21	13 49.92	−11 47.1	1.680	2.603	11.4	21.5
5 31	13 45.68	−11 7.9	1.761	2.611	14.8	21.7

271750 2004 RG_{338} 4 24.8 192°.31 0°.5/25.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 34.99	−15 56.3	2.166	3.000	12.3	21.2
4 1	14 29.49	−15 42.4	2.083	2.999	9.2	21.0
4 11	14 22.14	−15 18.9	2.025	2.997	5.6	20.8
4 21	14 13.57	−14 47.8	1.993	2.995	1.8	20.5
5 1	14 4.64	−14 12.5	1.990	2.993	2.4	20.5
5 11	13 56.27	−13 37.2	2.016	2.990	6.2	20.8
5 21	13 49.22	−13 6.3	2.068	2.987	9.8	21.0
5 31	13 44.07	−12 43.5	2.144	2.983	12.9	21.2

299991 2006 UV_{15} 4 24.8 262°.37 2°.7/22.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.23	− 5 30.0	2.277	3.130	11.1	20.6
4 1	14 28.06	− 5 8.3	2.199	3.126	8.2	20.4
4 11	14 21.22	− 4 45.1	2.146	3.122	5.1	20.2
4 21	14 13.32	− 4 23.6	2.121	3.118	2.8	20.0
5 1	14 5.10	− 4 7.5	2.124	3.114	4.2	20.1
5 11	13 57.39	− 4 0.0	2.155	3.110	7.3	20.3
5 21	13 50.86	− 4 3.0	2.212	3.107	10.4	20.4
5 31	13 46.04	− 4 17.7	2.292	3.103	13.1	20.6

61807 2000 QC_{186} 4 24.8 280°.42 1°.7/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 34.08	−10 38.6	1.740	2.597	13.7	19.4
4 1	14 29.18	−10 9.0	1.663	2.593	10.1	19.1
4 11	14 22.11	− 9 31.9	1.609	2.588	6.0	18.9
4 21	14 13.60	− 8 51.2	1.581	2.584	2.1	18.6
5 1	14 4.65	− 8 12.2	1.581	2.579	3.8	18.7
5 11	13 56.36	− 7 40.2	1.607	2.575	8.1	19.0
5 21	13 49.64	− 7 19.6	1.657	2.571	12.1	19.2
5 31	13 45.12	− 7 13.0	1.729	2.567	15.6	19.4

429085 2009 RW_{29} 4 24.8 144°.71 2°.1/26.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 36.49	−21 12.1	2.299	3.111	12.4	22.5
4 1	14 30.47	−21 5.4	2.223	3.122	9.5	22.3
4 11	14 22.65	−20 46.1	2.172	3.133	6.2	22.1
4 21	14 13.72	−20 15.4	2.147	3.143	3.0	22.0
5 1	14 4.51	−19 36.0	2.152	3.152	2.6	21.9
5 11	13 55.94	−18 52.4	2.186	3.161	5.7	22.2
5 21	13 48.73	−18 9.4	2.247	3.169	8.9	22.4
5 31	13 43.40	−17 31.4	2.332	3.177	11.8	22.6

379357 2009 WY_{171} 4 24.8 327°.52 4°.7/28.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 32.10	−25 55.3	1.529	2.355	16.9	20.0
4 1	14 28.31	−26 0.5	1.443	2.344	13.5	19.7
4 11	14 21.88	−25 43.7	1.378	2.334	9.7	19.5
4 21	14 13.59	−25 4.4	1.336	2.324	6.0	19.2
5 1	14 4.65	−24 5.4	1.318	2.314	4.9	19.1
5 11	13 56.40	−22 53.6	1.325	2.306	8.0	19.3
5 21	13 50.01	−21 38.0	1.356	2.298	12.1	19.5
5 31	13 46.28	−20 27.6	1.409	2.290	16.0	19.7

349061 2006 WR_{177} 4 24.8 221°.41 4°.0/20.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 31.65	− 0 54.7	2.645	3.497	9.8	21.6
4 1	14 26.69	− 0 9.1	2.567	3.490	7.3	21.4
4 11	14 20.33	+ 0 35.8	2.514	3.482	5.0	21.2
4 21	14 13.06	+ 1 16.0	2.490	3.474	4.0	21.1
5 1	14 5.54	+ 1 47.6	2.494	3.466	5.2	21.2
5 11	13 58.44	+ 2 7.3	2.527	3.457	7.6	21.4
5 21	13 52.33	+ 2 13.6	2.584	3.448	10.1	21.5
5 31	13 47.67	+ 2 5.7	2.664	3.439	12.4	21.7

97187 1999 WL_{10} 4 24.8 11°.36 0°.2/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 36.96	−12 48.2	1.622	2.475	14.8	18.6
4 1	14 31.48	−13 6.7	1.550	2.476	11.0	18.4
4 11	14 23.57	−13 18.3	1.501	2.478	6.7	18.2
4 21	14 14.04	−13 24.3	1.477	2.480	1.9	17.8
5 1	14 4.01	−13 27.1	1.480	2.482	3.0	17.9
5 11	13 54.74	−13 30.5	1.509	2.486	7.7	18.2
5 21	13 47.23	−13 37.9	1.563	2.489	11.9	18.5
5 31	13 42.19	−13 52.4	1.638	2.493	15.5	18.7

225002 2007 ED_{154} 4 24.8 145°.66 8°.2/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 43.85	−34 27.1	2.036	2.783	15.9	19.9
4 1	14 36.76	−35 45.0	1.955	2.788	13.6	19.8
4 11	14 26.88	−36 43.6	1.894	2.793	11.1	19.6
4 21	14 15.02	−37 18.2	1.858	2.797	9.0	19.5
5 1	14 2.38	−37 26.5	1.848	2.802	8.2	19.4
5 11	13 50.38	−37 10.8	1.865	2.806	9.2	19.5
5 21	13 40.23	−36 37.2	1.906	2.809	11.3	19.6
5 31	13 32.80	−35 53.6	1.970	2.813	13.8	19.8

247168 2001 AM_{28} 4 24.8 231°.50 7°.1/ 3.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 37.63	−43 5.4	3.381	4.044	11.5	21.3
4 1	14 31.38	−43 40.3	3.269	4.028	10.3	21.2
4 11	14 23.30	−43 58.2	3.178	4.012	8.9	21.0
4 21	14 13.96	−43 56.7	3.110	3.995	7.7	20.9
5 1	14 4.11	−43 34.9	3.068	3.978	7.1	20.9
5 11	13 54.61	−42 54.5	3.052	3.960	7.3	20.8
5 21	13 46.24	−41 59.1	3.063	3.941	8.3	20.9
5 31	13 39.61	−40 53.9	3.099	3.922	9.7	21.0

313970 2004 SG_{59} 4 24.8 192°.66 3°.6/27.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 39.03	−24 19.9	1.907	2.714	14.8	21.9
4 1	14 32.89	−24 22.0	1.820	2.712	11.6	21.7
4 11	14 24.39	−24 7.0	1.756	2.710	8.1	21.5
4 21	14 14.29	−23 34.6	1.717	2.707	4.6	21.2
5 1	14 3.66	−22 47.2	1.706	2.703	3.9	21.2
5 11	13 53.72	−21 50.4	1.723	2.698	7.0	21.4
5 21	13 45.45	−20 51.1	1.766	2.693	10.7	21.6
5 31	13 39.56	−19 56.1	1.832	2.687	14.1	21.8

331782 2003 GQ_{43} 4 24.8 305°.57 9°.2/17.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.50	+ 7 31.4	1.617	2.481	14.2	19.8
4 1	14 28.94	+ 8 46.7	1.546	2.464	11.6	19.6
4 11	14 22.07	+ 9 54.1	1.497	2.447	9.6	19.5
4 21	14 13.64	+10 44.7	1.473	2.430	9.3	19.4
5 1	14 4.69	+11 10.9	1.472	2.413	11.0	19.4
5 11	13 56.39	+11 8.4	1.495	2.396	13.8	19.6
5 21	13 49.70	+10 37.0	1.538	2.380	16.9	19.7
5 31	13 45.33	+ 9 39.3	1.598	2.364	19.7	19.9

28073 Fohner 4 24.8 130°.25 0°.4/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 32.64	−16 50.1	2.034	2.872	12.8	18.8
4 1	14 27.83	−16 17.7	1.958	2.876	9.5	18.6
4 11	14 21.17	−15 33.7	1.906	2.880	5.8	18.4
4 21	14 13.34	−14 40.9	1.881	2.883	1.8	18.1
5 1	14 5.21	−13 44.0	1.883	2.886	2.4	18.1
5 11	13 57.71	−12 48.4	1.914	2.889	6.4	18.4
5 21	13 51.59	−11 59.5	1.971	2.892	10.1	18.6
5 31	13 47.38	−11 21.2	2.051	2.895	13.2	18.8

184152 2004 KQ_1 4 24.8 171°.34 0°.8/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 34.34	−15 59.6	2.376	3.206	11.5	20.6
4 1	14 28.90	−16 2.4	2.294	3.207	8.6	20.4
4 11	14 21.75	−15 57.2	2.237	3.208	5.3	20.2
4 21	14 13.51	−15 45.3	2.207	3.208	1.8	20.0
5 1	14 4.93	−15 28.9	2.206	3.209	2.2	20.0
5 11	13 56.85	−15 11.4	2.234	3.209	5.7	20.2
5 21	13 49.97	−14 56.2	2.289	3.210	8.9	20.4
5 31	13 44.83	−14 46.2	2.368	3.210	11.8	20.6

109044 2001 QN_{14} 4 24.8 189°.11 4°.3/20.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.80	− 1 40.0	2.476	3.326	10.4	21.3
4 1	14 28.32	− 0 27.7	2.402	3.325	7.8	21.2
4 11	14 21.32	+ 0 45.3	2.356	3.323	5.4	21.0
4 21	14 13.37	+ 1 53.7	2.338	3.320	4.3	20.9
5 1	14 5.17	+ 2 52.3	2.349	3.317	5.8	21.0
5 11	13 57.48	+ 3 36.8	2.389	3.313	8.3	21.2
5 21	13 50.89	+ 4 5.0	2.453	3.307	10.9	21.3
5 31	13 45.89	+ 4 16.2	2.540	3.302	13.3	21.5

500252 2012 KU_{10} 4 24.8 11°.32 1°.2/23.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 30.71	−14 19.8	1.416	2.283	15.7	20.8
4 1	14 27.03	−13 21.2	1.350	2.284	11.6	20.6
4 11	14 20.95	−12 8.0	1.305	2.286	6.8	20.3
4 21	14 13.31	−10 46.1	1.285	2.289	1.9	20.0
5 1	14 5.29	− 9 23.9	1.291	2.292	3.9	20.1
5 11	13 58.12	− 8 10.5	1.322	2.295	8.8	20.4
5 21	13 52.76	− 7 12.7	1.376	2.300	13.3	20.7
5 31	13 49.85	− 6 34.8	1.450	2.305	17.1	20.9

57614 2001 TY_{125} 4 24.8 84°.16 4°.1/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.04	−27 52.8	2.232	3.024	13.4	18.8
4 1	14 28.10	−27 51.3	2.155	3.033	10.7	18.7
4 11	14 21.33	−27 32.6	2.100	3.041	7.8	18.5
4 21	14 13.39	−26 57.0	2.070	3.050	5.1	18.3
5 1	14 5.16	−26 6.8	2.068	3.059	4.2	18.3
5 11	13 57.57	−25 7.1	2.094	3.068	6.1	18.4
5 21	13 51.36	−24 3.6	2.146	3.076	8.9	18.6
5 31	13 47.07	−23 2.4	2.223	3.085	11.7	18.8

375289 2008 LL_5 4 24.8 282°.70 1°.4/23.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.47	−14 49.5	1.743	2.596	13.9	21.0
4 1	14 27.41	−13 27.6	1.648	2.576	10.3	20.7
4 11	14 21.16	−11 48.6	1.577	2.556	6.1	20.4
4 21	14 13.40	− 9 58.2	1.532	2.535	1.9	20.1
5 1	14 5.09	− 8 4.6	1.515	2.514	3.9	20.2
5 11	13 57.34	− 6 17.5	1.526	2.493	8.6	20.4
5 21	13 51.06	− 4 45.5	1.562	2.472	12.9	20.6
5 31	13 46.97	− 3 34.4	1.619	2.451	16.7	20.8

293153 2006 YB_{12} 4 24.8 129°.38 4°.9/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 35.63	−32 32.9	2.942	3.689	11.5	21.1
4 1	14 29.69	−32 55.9	2.862	3.702	9.5	21.0
4 11	14 22.16	−33 3.8	2.805	3.715	7.5	20.8
4 21	14 13.62	−32 55.8	2.774	3.728	5.7	20.7
5 1	14 4.80	−32 32.7	2.772	3.740	4.9	20.7
5 11	13 56.50	−31 57.2	2.797	3.752	5.8	20.8
5 21	13 49.35	−31 13.6	2.850	3.763	7.6	20.9
5 31	13 43.86	−30 26.6	2.928	3.774	9.6	21.0

154582 2003 JX_7 4 24.8 280°.70 5°.9/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 37.32	+ 1 52.3	1.805	2.662	13.3	19.6
4 1	14 31.57	+ 2 22.1	1.725	2.648	10.3	19.4
4 11	14 23.58	+ 2 47.4	1.668	2.633	7.3	19.1
4 21	14 14.08	+ 3 2.8	1.637	2.619	5.9	19.0
5 1	14 4.05	+ 3 3.3	1.633	2.604	7.4	19.1
5 11	13 54.63	+ 2 45.8	1.654	2.589	10.6	19.2
5 21	13 46.73	+ 2 9.5	1.700	2.575	14.0	19.4
5 31	13 41.05	+ 1 15.6	1.766	2.560	17.1	19.6

152298 2005 TV_{49} 4 24.9 41°.50 1°.5/26.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 32.49	−20 19.6	1.559	2.402	15.8	20.0
4 1	14 28.22	−19 43.1	1.490	2.408	12.0	19.8
4 11	14 21.61	−18 48.3	1.443	2.415	7.6	19.6
4 21	14 13.51	−17 38.4	1.421	2.421	3.0	19.3
5 1	14 5.07	−16 19.7	1.425	2.428	2.9	19.3
5 11	13 57.48	−15 0.6	1.455	2.436	7.4	19.6
5 21	13 51.67	−13 49.0	1.510	2.443	11.7	19.8
5 31	13 48.26	−12 51.1	1.586	2.451	15.4	20.1

316831 2000 BP_9 4 24.9 197°.34 4°.6/19.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 32.52	+ 1 0.0	2.684	3.533	9.7	21.7
4 1	14 27.30	+ 2 1.1	2.611	3.530	7.4	21.6
4 11	14 20.70	+ 3 0.7	2.564	3.526	5.4	21.4
4 21	14 13.22	+ 3 54.1	2.545	3.521	4.6	21.4
5 1	14 5.51	+ 4 37.0	2.555	3.515	5.9	21.4
5 11	13 58.24	+ 5 6.2	2.594	3.509	8.1	21.6
5 21	13 51.96	+ 5 19.9	2.657	3.502	10.5	21.7
5 31	13 47.14	+ 5 17.9	2.742	3.495	12.6	21.9

161394 2003 UL_{130} 4 24.9 251°.06 3°.4/28.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.48	−25 55.4	2.258	3.057	13.0	20.2
4 1	14 28.56	−25 41.6	2.157	3.043	10.3	19.9
4 11	14 21.72	−25 10.7	2.078	3.028	7.3	19.7
4 21	14 13.56	−24 23.3	2.026	3.013	4.4	19.5
5 1	14 4.93	−23 21.7	2.002	2.998	3.6	19.4
5 11	13 56.79	−22 11.2	2.006	2.982	6.1	19.6
5 21	13 49.94	−20 57.9	2.037	2.966	9.4	19.7
5 31	13 45.01	−19 48.3	2.092	2.949	12.5	19.9

184747 2005 SA_{247} 4 24.9 355°.92 1°.7/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 35.88	−17 52.9	2.323	3.146	11.9	19.7
4 1	14 30.14	−18 16.8	2.239	3.146	9.1	19.5
4 11	14 22.57	−18 32.3	2.179	3.145	5.8	19.3
4 21	14 13.78	−18 39.5	2.147	3.145	2.6	19.1
5 1	14 4.59	−18 39.8	2.144	3.145	2.5	19.1
5 11	13 55.89	−18 35.9	2.169	3.145	5.7	19.3
5 21	13 48.44	−18 31.0	2.222	3.145	9.0	19.5
5 31	13 42.83	−18 28.5	2.298	3.145	11.9	19.7

167184 2003 SO_{286} 4 24.9 289°.24 7°.0/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 35.97	−32 6.4	1.937	2.713	15.7	20.0
4 1	14 30.98	−32 46.8	1.840	2.699	13.2	19.7
4 11	14 23.46	−33 7.4	1.763	2.684	10.4	19.5
4 21	14 14.11	−33 5.0	1.710	2.670	8.0	19.4
5 1	14 4.00	−32 39.1	1.682	2.656	7.0	19.3
5 11	13 54.40	−31 53.2	1.680	2.642	8.4	19.3
5 21	13 46.45	−30 53.7	1.703	2.628	11.1	19.4
5 31	13 40.97	−29 49.0	1.748	2.614	14.2	19.6

251567 2009 DQ_{141} 4 24.9 279°.38 0°.6/24.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 34.73	−14 7.7	1.541	2.397	15.2	21.2
4 1	14 30.16	−13 36.4	1.451	2.380	11.4	20.9
4 11	14 23.00	−12 52.0	1.383	2.362	6.9	20.6
4 21	14 13.99	−11 57.9	1.340	2.344	1.9	20.2
5 1	14 4.25	−11 0.1	1.324	2.325	3.5	20.3
5 11	13 55.12	−10 5.9	1.333	2.307	8.7	20.5
5 21	13 47.70	− 9 22.2	1.365	2.288	13.5	20.8
5 31	13 42.85	− 8 54.1	1.418	2.270	17.6	21.0

272636 2005 WJ_{76} 4 24.9 148°.95 0°.2/24.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 35.65	−14 11.4	2.082	2.920	12.5	22.0
4 1	14 29.99	−13 51.1	2.008	2.928	9.3	21.8
4 11	14 22.46	−13 22.1	1.959	2.934	5.5	21.5
4 21	14 13.75	−12 47.1	1.937	2.940	1.5	21.3
5 1	14 4.75	−12 9.8	1.944	2.946	2.6	21.4
5 11	13 56.39	−11 34.9	1.980	2.951	6.5	21.6
5 21	13 49.43	−11 6.6	2.041	2.956	10.1	21.9
5 31	13 44.42	−10 47.8	2.125	2.961	13.1	22.1

515968 2015 RZ_{106} 4 24.9 198°.67 0°.2/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 27.36	−13 28.9	4.288	5.116	6.8	23.1
4 1	14 23.14	−13 5.4	4.197	5.112	5.0	23.0
4 11	14 18.08	−12 37.5	4.134	5.107	3.0	22.8
4 21	14 12.49	−12 7.0	4.100	5.102	0.8	22.6
5 1	14 6.75	−11 35.6	4.096	5.097	1.5	22.7
5 11	14 1.25	−11 5.5	4.124	5.092	3.6	22.9
5 21	13 56.34	−10 38.7	4.179	5.086	5.6	23.0
5 31	13 52.31	−10 16.8	4.261	5.079	7.4	23.1

181282 2006 KK_{97} 4 24.9 193°.24 2°.8/22.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 35.23	− 8 8.6	1.980	2.833	12.5	21.2
4 1	14 29.77	− 7 9.3	1.903	2.831	9.2	21.0
4 11	14 22.38	− 6 3.8	1.852	2.829	5.6	20.7
4 21	14 13.75	− 4 57.5	1.827	2.826	2.9	20.6
5 1	14 4.77	− 3 56.2	1.831	2.822	4.7	20.7
5 11	13 56.42	− 3 5.7	1.863	2.817	8.3	20.9
5 21	13 49.47	− 2 30.1	1.921	2.812	11.8	21.1
5 31	13 44.51	− 2 11.4	1.999	2.807	14.9	21.3

126729 2002 CN_{268} 4 24.9 155°.59 7°.0/19.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 36.49	+ 6 33.7	2.092	2.940	12.1	20.4
4 1	14 30.48	+ 7 25.7	2.035	2.945	9.6	20.2
4 11	14 22.69	+ 8 10.2	2.002	2.951	7.6	20.1
4 21	14 13.81	+ 8 41.5	1.995	2.955	7.0	20.1
5 1	14 4.73	+ 8 55.0	2.016	2.960	8.3	20.2
5 11	13 56.33	+ 8 48.4	2.062	2.964	10.6	20.3
5 21	13 49.33	+ 8 21.9	2.132	2.967	13.1	20.5
5 31	13 44.22	+ 7 37.2	2.222	2.970	15.3	20.6

421607 2014 OX_{233} 4 24.9 245°.10 3°.9/27.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 37.36	−23 45.8	1.496	2.323	17.1	22.1
4 1	14 32.30	−23 49.9	1.411	2.315	13.5	21.9
4 11	14 24.36	−23 33.7	1.347	2.307	9.3	21.6
4 21	14 14.40	−22 56.7	1.306	2.298	5.2	21.3
5 1	14 3.70	−22 1.7	1.290	2.289	4.3	21.2
5 11	13 53.76	−20 55.9	1.301	2.280	8.2	21.4
5 21	13 45.82	−19 48.2	1.335	2.271	12.7	21.7
5 31	13 40.74	−18 47.4	1.391	2.262	16.8	21.9

391064 2005 UW_{71} 4 24.9 236°.67 3°.0/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.75	−24 44.9	2.891	3.682	10.7	21.4
4 1	14 28.39	−24 53.4	2.787	3.669	8.4	21.2
4 11	14 21.48	−24 50.3	2.708	3.655	6.0	21.0
4 21	14 13.51	−24 35.6	2.656	3.641	3.7	20.9
5 1	14 5.14	−24 10.6	2.633	3.627	3.1	20.8
5 11	13 57.11	−23 38.1	2.640	3.612	5.1	20.9
5 21	13 50.07	−23 1.8	2.674	3.597	7.7	21.1
5 31	13 44.55	−22 25.8	2.733	3.581	10.2	21.2

423608 2005 WJ_{43} 4 24.9 73°.17 2°.8/27.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.68	−23 4.9	1.782	2.607	14.9	21.2
4 1	14 28.97	−22 48.4	1.704	2.608	11.6	20.9
4 11	14 22.05	−22 14.0	1.649	2.610	7.8	20.7
4 21	14 13.68	−21 22.9	1.618	2.612	4.0	20.5
5 1	14 4.91	−20 19.4	1.614	2.614	3.3	20.5
5 11	13 56.87	−19 10.0	1.636	2.616	6.8	20.7
5 21	13 50.47	−18 2.2	1.685	2.618	10.7	20.9
5 31	13 46.33	−17 2.5	1.755	2.620	14.2	21.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
274445 2008 SC_{48}			4 24.9	44°.37	2°.3/22.9	17
	h m	° ′			°	m
3 22	14 31.08	−11 23.5	1.637	2.501	14.1	19.7
4 1	14 26.93	−10 13.3	1.577	2.511	10.3	19.4
4 11	14 20.74	− 8 53.5	1.541	2.521	6.0	19.2
4 21	14 13.29	− 7 30.4	1.530	2.531	2.4	19.0
5 1	14 5.60	− 6 11.7	1.546	2.542	4.4	19.2
5 11	13 58.70	− 5 4.8	1.589	2.553	8.5	19.4
5 21	13 53.40	− 4 14.7	1.655	2.564	12.4	19.7
5 31	13 50.23	− 3 44.1	1.742	2.576	15.7	19.9
166722 2002 TO_{228}			4 24.9	109°.84	1°.9/22.9	18
3 22	14 31.14	−10 42.7	2.174	3.026	11.6	20.1
4 1	14 26.55	− 9 40.5	2.106	3.034	8.4	19.9
4 11	14 20.35	− 8 31.3	2.063	3.041	5.0	19.7
4 21	14 13.17	− 7 19.7	2.048	3.049	2.1	19.5
5 1	14 5.78	− 6 11.3	2.062	3.057	3.7	19.6
5 11	13 58.98	− 5 11.5	2.104	3.064	7.1	19.9
5 21	13 53.42	− 4 24.3	2.171	3.071	10.3	20.1
5 31	13 49.57	− 3 52.3	2.262	3.078	13.1	20.3
226917 2004 TH_{208}			4 24.9	117°.11	0°.1/24.8	18
3 22	14 35.52	−14 20.2	2.135	2.972	12.3	20.8
4 1	14 29.80	−14 1.6	2.068	2.986	9.1	20.7
4 11	14 22.30	−13 34.6	2.026	3.000	5.4	20.5
4 21	14 13.73	−13 1.9	2.011	3.014	1.5	20.2
5 1	14 4.93	−12 27.1	2.025	3.027	2.5	20.3
5 11	13 56.80	−11 54.6	2.068	3.040	6.3	20.6
5 21	13 50.06	−11 28.1	2.137	3.052	9.7	20.8
5 31	13 45.20	−11 10.6	2.229	3.064	12.6	21.0
460434 2014 SS_{161}			4 24.9	177°.83	2°.4/23.0	18
3 22	14 36.08	− 9 33.6	1.699	2.556	14.0	21.7
4 1	14 30.67	− 8 46.6	1.628	2.557	10.3	21.5
4 11	14 23.04	− 7 52.3	1.580	2.558	6.2	21.2
4 21	14 13.97	− 6 55.6	1.558	2.559	2.6	21.0
5 1	14 4.53	− 6 2.8	1.563	2.559	4.5	21.1
5 11	13 55.83	− 5 20.1	1.596	2.558	8.7	21.3
5 21	13 48.78	− 4 51.8	1.653	2.558	12.7	21.6
5 31	13 44.01	− 4 40.2	1.730	2.557	16.1	21.8
280033 2001 XU_{205}			4 24.9	124°.70	2°.8/28.3	17
3 22	14 32.23	−26 16.7	2.685	3.476	11.4	20.9
4 1	14 27.17	−25 47.1	2.607	3.488	9.0	20.7
4 11	14 20.65	−25 2.9	2.553	3.501	6.2	20.5
4 21	14 13.25	−24 5.3	2.527	3.513	3.7	20.4
5 1	14 5.69	−22 57.6	2.529	3.525	2.9	20.4
5 11	13 58.69	−21 44.5	2.561	3.537	5.0	20.5
5 21	13 52.83	−20 31.1	2.621	3.548	7.7	20.7
5 31	13 48.55	−19 22.5	2.707	3.559	10.2	20.9
477606 2010 KN_{84}			4 24.9	279°.10	9°.9/ 6.3	18
3 22	14 36.73	−47 49.6	2.567	3.215	15.1	20.5
4 1	14 31.42	−48 21.7	2.456	3.195	13.8	20.4
4 11	14 23.67	−48 29.7	2.363	3.176	12.3	20.2
4 21	14 14.20	−48 9.5	2.291	3.156	10.9	20.1
5 1	14 4.10	−47 19.3	2.241	3.135	10.0	20.0
5 11	13 54.60	−46 1.1	2.215	3.115	10.0	19.9
5 21	13 46.74	−44 20.8	2.214	3.095	10.9	20.0
5 31	13 41.31	−42 26.4	2.236	3.074	12.5	20.0
236936 2007 TK_{263}			4 24.9	221°.20	0°.2/24.8	18
3 22	14 32.46	−14 45.8	2.263	3.102	11.6	21.0
4 1	14 27.61	−14 18.7	2.179	3.098	8.6	20.8
4 11	14 21.06	−13 42.5	2.119	3.094	5.2	20.6
4 21	14 13.41	−12 59.9	2.087	3.090	1.4	20.3
5 1	14 5.42	−12 14.8	2.083	3.085	2.4	20.4
5 11	13 57.94	−11 31.6	2.108	3.080	6.1	20.6
5 21	13 51.65	−10 54.7	2.159	3.075	9.6	20.8
5 31	13 47.11	−10 27.4	2.233	3.070	12.5	21.0
232601 2003 UZ_{55}			4 24.9	243°.84	2°.8/27.2	18
3 22	14 34.34	−22 34.1	2.075	2.891	13.4	20.5
4 1	14 29.29	−22 34.6	1.986	2.885	10.4	20.3
4 11	14 22.21	−22 20.6	1.920	2.879	7.1	20.0
4 21	14 13.76	−21 52.7	1.880	2.873	3.8	19.8
5 1	14 4.86	−21 13.3	1.868	2.867	3.2	19.8
5 11	13 56.49	−20 27.1	1.883	2.861	6.3	19.9
5 21	13 49.53	−19 39.6	1.925	2.854	9.8	20.1
5 31	13 44.60	−18 56.4	1.989	2.847	13.0	20.3
459960 2014 NW_{59}			4 24.9	235°.05	4°.2/27.7	16
3 22	14 38.89	−24 32.9	1.663	2.478	16.2	21.9
4 1	14 33.29	−24 46.7	1.572	2.468	12.9	21.6
4 11	14 24.93	−24 41.9	1.502	2.457	9.1	21.3
4 21	14 14.60	−24 17.4	1.456	2.446	5.4	21.1
5 1	14 3.50	−23 34.9	1.437	2.434	4.6	21.0
5 11	13 53.06	−22 40.0	1.444	2.421	7.9	21.2
5 21	13 44.46	−21 40.5	1.476	2.408	12.0	21.4
5 31	13 38.57	−20 44.8	1.530	2.395	15.9	21.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
296347 2009 FA_{9}			4 24.9	133°.73	2°.3/22.5	17
	h m	° ′			°	m
3 22	14 30.89	− 9 6.6	2.255	3.108	11.2	21.2
4 1	14 26.35	− 8 8.5	2.184	3.112	8.1	21.0
4 11	14 20.24	− 7 4.8	2.139	3.116	4.9	20.8
4 21	14 13.16	− 6 0.0	2.121	3.120	2.3	20.7
5 1	14 5.86	− 4 59.2	2.132	3.124	3.9	20.8
5 11	13 59.10	− 4 7.5	2.170	3.127	7.1	21.0
5 21	13 53.51	− 3 28.2	2.235	3.131	10.2	21.2
5 31	13 49.57	− 3 3.6	2.322	3.134	12.9	21.4
204945 2008 UB_{287}			4 24.9	262°.54	2°.4/23.0	17
3 22	14 34.37	− 7 37.4	1.928	2.784	12.6	20.6
4 1	14 29.23	− 7 11.4	1.852	2.781	9.3	20.4
4 11	14 22.11	− 6 41.5	1.801	2.779	5.6	20.1
4 21	14 13.72	− 6 11.6	1.776	2.776	2.6	19.9
5 1	14 4.96	− 5 46.1	1.779	2.774	4.2	20.0
5 11	13 56.80	− 5 29.2	1.810	2.771	7.9	20.3
5 21	13 50.06	− 5 23.9	1.865	2.768	11.5	20.5
5 31	13 45.32	− 5 31.6	1.941	2.766	14.6	20.7
201570 2003 SD_{49}			4 24.9	198°.65	0°.2/24.7	17
3 22	14 33.28	−14 46.8	2.475	3.308	11.0	21.4
4 1	14 28.08	−14 15.0	2.388	3.305	8.1	21.2
4 11	14 21.29	−13 34.6	2.327	3.301	4.9	20.9
4 21	14 13.47	−12 48.1	2.294	3.297	1.3	20.7
5 1	14 5.36	−11 59.3	2.290	3.292	2.3	20.7
5 11	13 57.72	−11 12.4	2.316	3.287	5.8	21.0
5 21	13 51.20	−10 31.6	2.369	3.281	9.0	21.2
5 31	13 46.31	−10 0.1	2.445	3.274	11.8	21.3
467505 2007 BM_{100}			4 24.9	94°.50	0°.9/24.2	17
3 22	14 35.33	−12 43.5	1.757	2.608	13.9	21.8
4 1	14 29.98	−12 13.0	1.694	2.620	10.2	21.6
4 11	14 22.55	−11 33.8	1.655	2.633	6.0	21.4
4 21	14 13.83	−10 49.5	1.642	2.645	1.7	21.1
5 1	14 4.86	−10 5.2	1.656	2.656	3.2	21.2
5 11	13 56.68	− 9 26.7	1.697	2.668	7.5	21.5
5 21	13 50.13	− 8 58.1	1.764	2.680	11.4	21.8
5 31	13 45.76	− 8 42.4	1.852	2.691	14.6	22.0
281048 2006 HA_{116}			4 24.9	324°.22	0°.8/25.4	17
3 22	14 34.15	−16 16.3	1.837	2.680	13.8	21.4
4 1	14 29.26	−16 10.5	1.757	2.677	10.3	21.1
4 11	14 22.24	−15 53.9	1.700	2.673	6.4	20.9
4 21	14 13.79	−15 28.4	1.669	2.670	2.1	20.6
5 1	14 4.89	−14 57.4	1.665	2.668	2.6	20.6
5 11	13 56.61	−14 25.9	1.688	2.665	6.9	20.9
5 21	13 49.84	−13 58.6	1.736	2.662	10.9	21.1
5 31	13 45.23	−13 39.9	1.806	2.660	14.3	21.3
344603 2003 ER_{16}			4 24.9	73°.92	3°.8/27.4	17
3 22	14 42.36	−22 41.7	2.206	3.004	13.3	20.7
4 1	14 35.00	−23 38.3	2.137	3.023	10.4	20.5
4 11	14 25.53	−24 23.2	2.093	3.042	7.3	20.4
4 21	14 14.70	−24 54.7	2.076	3.061	4.5	20.2
5 1	14 3.49	−25 12.7	2.088	3.080	4.0	20.2
5 11	13 52.96	−25 19.6	2.130	3.099	6.4	20.4
5 21	13 43.99	−25 19.1	2.199	3.117	9.3	20.6
5 31	13 37.18	−25 15.9	2.292	3.136	12.0	20.8
349468 2008 CV_{175}			4 24.9	92°.02	5°.5/30.2	17
3 22	14 38.01	−31 43.9	2.516	3.273	13.0	21.2
4 1	14 31.69	−32 22.1	2.445	3.292	10.7	21.1
4 11	14 23.50	−32 43.9	2.397	3.312	8.3	21.0
4 21	14 14.12	−32 47.7	2.375	3.331	6.3	20.9
5 1	14 4.42	−32 34.2	2.380	3.350	5.5	20.9
5 11	13 55.35	−32 6.4	2.413	3.368	6.6	20.9
5 21	13 47.67	−31 29.0	2.472	3.387	8.6	21.1
5 31	13 41.94	−30 47.7	2.556	3.405	10.8	21.3
307007 2001 XG_{3}			4 24.9	266°.73	2°.5/26.7	17
3 22	14 35.51	−21 16.3	1.881	2.705	14.3	20.8
4 1	14 30.48	−21 12.4	1.781	2.686	11.1	20.6
4 11	14 23.11	−20 53.3	1.704	2.668	7.4	20.3
4 21	14 14.08	−20 19.4	1.652	2.648	3.6	20.0
5 1	14 4.38	−19 33.3	1.628	2.629	3.2	20.0
5 11	13 55.17	−18 40.5	1.631	2.609	7.0	20.2
5 21	13 47.45	−17 47.4	1.659	2.589	11.1	20.4
5 31	13 42.00	−17 0.5	1.710	2.569	14.8	20.5
304069 2006 FR_{47}			4 24.9	35°.73	2°.5/23.5	18
3 22	14 35.59	− 9 40.4	1.116	1.996	18.1	20.0
4 1	14 31.04	− 9 14.9	1.066	2.007	13.3	19.7
4 11	14 23.53	− 8 41.6	1.036	2.019	7.9	19.5
4 21	14 14.16	− 8 6.3	1.029	2.031	2.9	19.2
5 1	14 4.43	− 7 35.9	1.045	2.045	5.1	19.4
5 11	13 55.92	− 7 17.2	1.085	2.059	10.3	19.7
5 21	13 49.74	− 7 14.1	1.146	2.073	15.1	20.0
5 31	13 46.55	− 7 28.4	1.225	2.088	19.1	20.3

100916 1998 KU_{50} 4 24.9 319°.31 8°.2/17.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 32.46	+10 15.9	2.104	2.953	12.0	18.9
4 1	14 27.64	+11 16.3	2.042	2.946	10.0	18.7
4 11	14 21.09	+12 7.0	2.003	2.939	8.5	18.6
4 21	14 13.44	+12 41.8	1.990	2.932	8.3	18.6
5 1	14 5.50	+12 55.7	2.002	2.925	9.6	18.7
5 11	13 58.15	+12 46.4	2.039	2.919	11.6	18.8
5 21	13 52.07	+12 14.3	2.097	2.913	13.9	18.9
5 31	13 47.79	+11 21.6	2.174	2.907	16.0	19.1

352382 2007 VU_{309} 4 24.9 189°.97 3°.2/28.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.30	−25 9.9	2.494	3.291	12.0	21.5
4 1	14 28.21	−25 8.4	2.405	3.290	9.5	21.3
4 11	14 21.43	−24 53.0	2.340	3.290	6.6	21.1
4 21	14 13.54	−24 24.0	2.302	3.288	4.0	21.0
5 1	14 5.32	−23 43.5	2.292	3.287	3.3	20.9
5 11	13 57.60	−22 55.5	2.311	3.285	5.5	21.0
5 21	13 51.06	−22 4.8	2.356	3.283	8.4	21.2
5 31	13 46.25	−21 16.3	2.426	3.281	11.1	21.4

99022 2001 DR_{88} 4 24.9 317°.12 0°.2/24.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 32.33	−14 46.9	1.647	2.503	14.5	19.5
4 1	14 28.27	−14 34.5	1.556	2.483	10.9	19.2
4 11	14 21.85	−14 10.9	1.488	2.465	6.7	18.9
4 21	14 13.73	−13 38.5	1.444	2.446	1.9	18.6
5 1	14 4.96	−13 1.6	1.426	2.429	3.0	18.6
5 11	13 56.72	−12 25.8	1.434	2.411	7.8	18.8
5 21	13 50.03	−11 56.9	1.466	2.395	12.3	19.1
5 31	13 45.70	−11 39.4	1.519	2.379	16.3	19.3

435209 2007 RP_{220} 4 24.9 104°.77 1°.9/22.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.28	−10 55.4	2.201	3.051	11.5	21.4
4 1	14 26.63	− 9 47.6	2.136	3.063	8.4	21.3
4 11	14 20.40	− 8 32.6	2.096	3.074	4.9	21.1
4 21	14 13.22	− 7 15.4	2.085	3.086	2.0	20.9
5 1	14 5.88	− 6 1.7	2.102	3.097	3.7	21.0
5 11	13 59.14	− 4 57.0	2.148	3.108	7.0	21.2
5 21	13 53.63	− 4 5.3	2.220	3.118	10.2	21.5
5 31	13 49.80	− 3 29.0	2.314	3.129	12.9	21.7

33712 1999 LE_{19} 4 24.9 258°.18 1°.4/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.76	− 9 15.1	2.395	3.240	10.9	19.0
4 1	14 28.52	− 9 2.5	2.306	3.230	8.0	18.8
4 11	14 21.62	− 8 46.0	2.243	3.220	4.8	18.6
4 21	14 13.61	− 8 28.1	2.207	3.209	1.7	18.4
5 1	14 5.22	− 8 11.8	2.201	3.198	3.1	18.4
5 11	13 57.27	− 8 0.3	2.223	3.187	6.4	18.6
5 21	13 50.43	− 7 56.2	2.271	3.176	9.7	18.8
5 31	13 45.24	− 8 1.3	2.343	3.165	12.5	19.0

478043 2011 SG_{259} 4 24.9 187°.82 2°.6/27.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 34.75	−22 14.1	2.544	3.350	11.5	21.8
4 1	14 29.24	−22 26.5	2.456	3.349	9.0	21.6
4 11	14 22.04	−22 27.7	2.393	3.349	6.1	21.4
4 21	14 13.72	−22 18.0	2.357	3.348	3.4	21.2
5 1	14 5.05	−21 58.9	2.349	3.347	2.9	21.2
5 11	13 56.83	−21 33.5	2.371	3.345	5.4	21.3
5 21	13 49.77	−21 5.6	2.419	3.344	8.3	21.5
5 31	13 44.42	−20 39.5	2.493	3.342	11.0	21.7

158366 2001 XX_{151} 4 24.9 208°.93 3°.0/28.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 32.40	−25 46.1	2.687	3.480	11.3	20.8
4 1	14 27.46	−25 33.8	2.593	3.475	9.0	20.6
4 11	14 20.94	−25 7.5	2.523	3.470	6.3	20.4
4 21	14 13.41	−24 27.8	2.479	3.465	3.8	20.2
5 1	14 5.57	−23 37.0	2.464	3.459	3.1	20.2
5 11	13 58.17	−22 39.1	2.479	3.453	5.2	20.3
5 21	13 51.87	−21 38.9	2.521	3.447	7.9	20.5
5 31	13 47.17	−20 41.3	2.587	3.440	10.5	20.6

226703 2004 NJ_{9} 4 24.9 281°.35 0°.3/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.87	−16 6.0	1.773	2.618	14.1	20.5
4 1	14 29.28	−15 42.1	1.678	2.600	10.6	20.3
4 11	14 22.39	−15 5.3	1.606	2.581	6.5	20.0
4 21	14 13.89	−14 18.1	1.560	2.563	2.0	19.6
5 1	14 4.76	−13 25.1	1.541	2.544	2.8	19.7
5 11	13 56.15	−12 32.4	1.549	2.525	7.5	19.9
5 21	13 49.04	−11 46.3	1.582	2.506	11.9	20.1
5 31	13 44.19	−11 11.9	1.636	2.487	15.7	20.3

498358 2007 VD_{315} 4 24.9 96°.84 5°.2/20.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.11	+ 1 19.1	2.175	3.032	11.4	21.2
4 1	14 27.98	+ 2 6.5	2.116	3.039	8.7	21.0
4 11	14 21.22	+ 2 50.6	2.082	3.046	6.2	20.9
4 21	14 13.47	+ 3 26.4	2.074	3.053	5.2	20.8
5 1	14 5.53	+ 3 49.6	2.095	3.060	6.5	20.9
5 11	13 58.20	+ 3 57.2	2.141	3.067	9.0	21.1
5 21	13 52.13	+ 3 48.3	2.212	3.074	11.7	21.3
5 31	13 47.78	+ 3 23.4	2.304	3.081	14.0	21.5

392844 2012 UH_{36} 4 24.9 137°.45 0°.3/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 31.82	−16 54.3	2.783	3.608	10.1	21.6
4 1	14 26.77	−16 15.4	2.709	3.620	7.5	21.4
4 11	14 20.40	−15 27.6	2.661	3.632	4.5	21.2
4 21	14 13.23	−14 33.5	2.641	3.644	1.4	21.0
5 1	14 5.91	−13 36.7	2.652	3.655	1.9	21.1
5 11	13 59.09	−12 41.2	2.693	3.665	5.0	21.3
5 21	13 53.28	−11 50.9	2.761	3.675	7.8	21.5
5 31	13 48.91	−11 8.9	2.854	3.684	10.3	21.7

379348 2009 WF_{116} 4 24.9 40°.82 2°.2/26.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 32.89	−21 13.3	1.564	2.404	15.9	20.5
4 1	14 28.54	−20 52.2	1.500	2.414	12.2	20.3
4 11	14 21.86	−20 13.2	1.457	2.425	7.9	20.1
4 21	14 13.71	−19 18.6	1.438	2.436	3.5	19.9
5 1	14 5.24	−18 13.8	1.446	2.448	3.1	19.9
5 11	13 57.64	−17 6.3	1.479	2.460	7.2	20.1
5 21	13 51.84	−16 3.6	1.537	2.473	11.4	20.4
5 31	13 48.43	−15 12.0	1.616	2.485	15.0	20.7

497204 2004 TN_{278} 4 24.9 201°.89 0°.9/23.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 34.00	−12 23.8	2.409	3.248	11.0	23.3
4 1	14 28.66	−11 48.5	2.323	3.243	8.1	23.1
4 11	14 21.69	−11 6.0	2.262	3.238	4.8	22.8
4 21	14 13.65	−10 19.0	2.230	3.233	1.4	22.6
5 1	14 5.30	− 9 31.7	2.227	3.227	2.8	22.7
5 11	13 57.43	− 8 48.5	2.254	3.220	6.2	22.9
5 21	13 50.70	− 8 13.1	2.307	3.213	9.5	23.1
5 31	13 45.64	− 7 48.3	2.383	3.205	12.3	23.3

336877 2011 GT_{41} 4 24.9 270°.07 7°.3/18.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.90	+ 5 6.9	1.870	2.729	12.8	20.6
4 1	14 28.92	+ 6 12.3	1.804	2.723	10.2	20.4
4 11	14 21.97	+ 7 11.9	1.762	2.717	8.0	20.3
4 21	14 13.75	+ 7 58.7	1.746	2.711	7.4	20.2
5 1	14 5.19	+ 8 26.5	1.755	2.704	8.9	20.3
5 11	13 57.26	+ 8 32.0	1.789	2.698	11.5	20.4
5 21	13 50.77	+ 8 14.4	1.846	2.692	14.3	20.6
5 31	13 46.29	+ 7 35.4	1.922	2.685	16.9	20.8

95966 2004 KW_{16} 4 24.9 317°.50 1°.1/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 30.89	−11 44.4	2.013	2.867	12.3	20.0
4 1	14 26.74	−11 17.9	1.924	2.852	9.1	19.8
4 11	14 20.72	−10 43.9	1.859	2.837	5.4	19.6
4 21	14 13.42	−10 5.4	1.820	2.823	1.7	19.3
5 1	14 5.68	− 9 26.8	1.809	2.809	3.2	19.3
5 11	13 58.40	− 8 53.0	1.824	2.795	7.1	19.6
5 21	13 52.39	− 8 28.0	1.865	2.781	10.8	19.8
5 31	13 48.25	− 8 15.0	1.928	2.768	14.1	19.9

37707 1996 RK_{3} 4 24.9 308°.53 4°.5/22.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.91	− 6 5.8	1.263	2.142	16.4	18.6
4 1	14 30.06	− 5 21.2	1.178	2.118	12.3	18.3
4 11	14 23.26	− 4 30.2	1.114	2.095	7.8	18.0
4 21	14 14.26	− 3 39.6	1.073	2.071	4.5	17.7
5 1	14 4.32	− 2 57.7	1.056	2.048	6.9	17.8
5 11	13 55.00	− 2 32.7	1.063	2.026	11.9	18.0
5 21	13 47.62	− 2 29.4	1.089	2.004	16.9	18.2
5 31	13 43.17	− 2 49.8	1.134	1.983	21.3	18.4

325023 2008 CQ_{26} 4 24.9 184°.26 1°.6/26.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 37.46	−18 40.2	1.792	2.624	14.5	22.1
4 1	14 31.80	−18 37.2	1.712	2.624	11.1	21.9
4 11	14 23.84	−18 21.0	1.656	2.624	7.0	21.6
4 21	14 14.32	−17 52.9	1.624	2.624	2.9	21.3
5 1	14 4.33	−17 16.1	1.621	2.623	2.8	21.3
5 11	13 55.03	−16 36.1	1.644	2.622	7.0	21.6
5 21	13 47.39	−15 58.6	1.694	2.621	11.1	21.8
5 31	13 42.09	−15 28.7	1.765	2.619	14.6	22.0

204410 2004 VP_{31} 4 24.9 346°.39 3°.9/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 37.27	− 5 37.7	1.287	2.160	16.6	19.4
4 1	14 32.23	− 5 16.3	1.221	2.157	12.3	19.1
4 11	14 24.32	− 4 52.5	1.176	2.155	7.7	18.9
4 21	14 14.49	− 4 31.8	1.154	2.153	4.0	18.6
5 1	14 4.09	− 4 20.1	1.157	2.151	6.0	18.8
5 11	13 54.59	− 4 22.6	1.185	2.150	10.7	19.0
5 21	13 47.20	− 4 41.5	1.234	2.149	15.3	19.3
5 31	13 42.69	− 5 17.6	1.302	2.148	19.2	19.5

32606 2001 QY_{217} 4 24.9 265°.98 0°.8/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 32.26	−12 33.5	2.143	2.990	11.9	19.4
4 1	14 27.58	−12 4.7	2.061	2.985	8.8	19.1
4 11	14 21.13	−11 28.2	2.004	2.981	5.2	18.9
4 21	14 13.53	−10 47.0	1.974	2.976	1.5	18.6
5 1	14 5.58	−10 5.4	1.972	2.972	2.9	18.7
5 11	13 58.16	− 9 27.8	1.998	2.968	6.6	19.0
5 21	13 51.98	− 8 58.3	2.049	2.963	10.1	19.2
5 31	13 47.60	− 8 39.9	2.124	2.959	13.2	19.4

465248 2007 RW_{302} 4 24.9 214°.50 0°.9/25.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 39.59	−16 18.5	1.834	2.668	14.2	21.9
4 1	14 33.42	−16 20.4	1.747	2.661	10.7	21.6
4 11	14 24.85	−16 11.7	1.683	2.654	6.7	21.4
4 21	14 14.64	−15 53.5	1.645	2.646	2.3	21.1
5 1	14 3.83	−15 28.8	1.635	2.638	2.7	21.1
5 11	13 53.63	−15 2.1	1.653	2.629	7.2	21.3
5 21	13 45.05	−14 38.4	1.697	2.619	11.4	21.5
5 31	13 38.83	−14 22.3	1.764	2.609	15.0	21.7

483121 2015 NJ_{20} 4 24.9 358°.73 5°.5/30.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 32.36	−31 4.5	2.062	2.844	14.6	20.4
4 1	14 27.96	−31 9.7	1.977	2.843	12.0	20.2
4 11	14 21.49	−30 54.4	1.913	2.843	9.2	20.0
4 21	14 13.65	−30 17.8	1.873	2.843	6.6	19.8
5 1	14 5.40	−29 22.0	1.859	2.843	5.5	19.8
5 11	13 57.78	−28 12.1	1.872	2.843	7.0	19.8
5 21	13 51.65	−26 55.0	1.911	2.843	9.7	20.0
5 31	13 47.64	−25 38.2	1.973	2.844	12.6	20.2

504109 2006 HJ_{95} 4 24.9 116°.26 0°.6/25.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 32.27	−17 54.8	1.980	2.818	13.1	21.3
4 1	14 27.71	−17 18.2	1.902	2.819	9.8	21.1
4 11	14 21.24	−16 28.6	1.847	2.820	6.1	20.9
4 21	14 13.56	−15 28.7	1.819	2.821	2.0	20.6
5 1	14 5.56	−14 23.5	1.819	2.822	2.4	20.6
5 11	13 58.19	−13 19.2	1.847	2.824	6.5	20.9
5 21	13 52.20	−12 21.4	1.901	2.825	10.2	21.1
5 31	13 48.17	−11 34.9	1.977	2.826	13.5	21.3

437866 2000 WF_{138} 4 24.9 203°.35 1°.8/27.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.26	−23 9.7	2.977	3.778	10.1	21.4
4 1	14 26.45	−22 36.6	2.882	3.773	7.8	21.2
4 11	14 20.28	−21 51.3	2.811	3.768	5.2	21.1
4 21	14 13.27	−20 55.2	2.769	3.763	2.7	20.9
5 1	14 6.02	−19 51.2	2.757	3.757	2.2	20.8
5 11	13 59.18	−18 43.5	2.775	3.751	4.6	21.0
5 21	13 53.29	−17 36.5	2.821	3.744	7.3	21.2
5 31	13 48.80	−16 34.5	2.893	3.737	9.8	21.3

399922 2005 YE_{60} 4 24.9 154°.74 2°.7/23.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 38.64	− 8 30.5	1.607	2.463	14.7	22.2
4 1	14 32.66	− 7 51.6	1.540	2.469	10.8	22.0
4 11	14 24.31	− 7 6.7	1.497	2.475	6.5	21.7
4 21	14 14.45	− 6 20.8	1.480	2.480	2.9	21.5
5 1	14 4.22	− 5 40.1	1.490	2.485	4.8	21.7
5 11	13 54.85	− 5 10.0	1.527	2.489	9.0	21.9
5 21	13 47.28	− 4 54.5	1.588	2.492	13.1	22.2
5 31	13 42.16	− 4 55.3	1.669	2.495	16.5	22.4

438200 2005 UM_{85} 4 24.9 286°.68 0°.7/24.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 30.81	−14 21.0	2.319	3.162	11.3	21.3
4 1	14 26.54	−13 30.9	2.213	3.135	8.4	21.1
4 11	14 20.56	−12 29.8	2.131	3.108	5.0	20.8
4 21	14 13.40	−11 21.0	2.077	3.080	1.4	20.5
5 1	14 5.77	−10 9.3	2.052	3.053	2.8	20.6
5 11	13 58.50	− 9 0.4	2.056	3.025	6.5	20.8
5 21	13 52.31	− 7 59.4	2.086	2.997	10.1	20.9
5 31	13 47.79	− 7 10.8	2.139	2.969	13.3	21.1

505076 2011 TX_{2} 4 24.9 184°.00 3°.4/29.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.93	−28 23.2	3.375	4.140	9.8	22.5
4 1	14 28.34	−28 31.8	3.280	4.140	7.9	22.3
4 11	14 21.40	−28 28.7	3.210	4.140	5.9	22.2
4 21	14 13.59	−28 13.6	3.167	4.139	4.0	22.1
5 1	14 5.51	−27 47.7	3.153	4.137	3.4	22.0
5 11	13 57.80	−27 13.4	3.169	4.135	4.7	22.1
5 21	13 50.99	−26 34.1	3.214	4.133	6.7	22.2
5 31	13 45.55	−25 53.5	3.285	4.129	8.7	22.4

464559 2016 CC_{44} 4 24.9 115°.38 4°.0/22.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 38.61	− 5 2.8	1.610	2.469	14.5	21.2
4 1	14 32.48	− 4 15.9	1.555	2.484	10.7	21.0
4 11	14 24.10	− 3 27.1	1.523	2.499	6.7	20.8
4 21	14 14.37	− 2 42.1	1.518	2.513	4.1	20.7
5 1	14 4.42	− 2 6.9	1.540	2.527	5.8	20.8
5 11	13 55.40	− 1 46.5	1.588	2.540	9.6	21.1
5 21	13 48.21	− 1 42.9	1.660	2.553	13.3	21.3
5 31	13 43.39	− 1 56.6	1.752	2.565	16.4	21.5

44193 1998 MW_{2} 4 24.9 316°.44 0°.3/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.97	−16 17.6	1.396	2.258	16.2	19.1
4 1	14 28.26	−15 28.8	1.318	2.248	12.2	18.8
4 11	14 21.94	−14 22.5	1.260	2.239	7.4	18.5
4 21	14 13.84	−13 3.1	1.227	2.230	2.1	18.1
5 1	14 5.16	−11 38.4	1.219	2.221	3.5	18.2
5 11	13 57.23	−10 18.1	1.236	2.213	8.8	18.5
5 21	13 51.16	− 9 10.6	1.276	2.206	13.7	18.7
5 31	13 47.71	− 8 22.1	1.336	2.198	17.9	19.0

11094 Cuba 4 24.9 302°.03 0°.9/25.6 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 31.55	−17 27.8	2.065	2.903	12.6	18.0
4 1	14 27.31	−17 9.7	1.966	2.883	9.6	17.8
4 11	14 21.12	−16 39.7	1.891	2.864	6.0	17.5
4 21	14 13.59	−15 59.8	1.843	2.844	2.1	17.2
5 1	14 5.53	−15 13.4	1.821	2.825	2.4	17.2
5 11	13 57.91	−14 25.7	1.828	2.805	6.4	17.4
5 21	13 51.55	−13 41.8	1.860	2.786	10.3	17.6
5 31	13 47.09	−13 6.5	1.915	2.767	13.7	17.8

156435 2002 AO_{120} 4 24.9 139°.98 12°.8/ 9.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 35.98	+26 36.6	2.171	2.958	13.8	19.8
4 1	14 30.19	+28 22.0	2.148	2.967	13.0	19.8
4 11	14 22.59	+29 44.9	2.147	2.976	12.8	19.8
4 21	14 13.93	+30 38.4	2.167	2.985	13.2	19.8
5 1	14 5.14	+30 58.8	2.209	2.993	14.1	19.9
5 11	13 57.14	+30 45.9	2.270	3.000	15.4	20.0
5 21	13 50.63	+30 2.8	2.347	3.007	16.6	20.1
5 31	13 46.10	+28 54.2	2.438	3.014	17.7	20.3

337012 1994 NF 4 24.9 333°.71 0°.2/24.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 24.56	−16 58.1	1.153	2.034	17.5	20.0
4 1	14 23.41	−16 18.0	1.057	1.998	13.4	19.6
4 11	14 19.43	−15 14.9	0.981	1.963	8.3	19.2
4 21	14 13.23	−13 51.7	0.926	1.929	2.5	18.7
5 1	14 6.01	−12 16.2	0.893	1.897	3.8	18.7
5 11	13 59.31	−10 40.4	0.883	1.867	10.2	18.9
5 21	13 54.53	− 9 16.6	0.893	1.839	16.1	19.2
5 31	13 52.76	− 8 14.8	0.920	1.814	21.4	19.4

151213 2001 YQ_{52} 4 24.9 7°.63 8°.3/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 36.38	+ 5 51.5	1.500	2.365	15.1	19.2
4 1	14 31.09	+ 6 35.1	1.444	2.366	12.0	19.0
4 11	14 23.41	+ 7 8.9	1.409	2.367	9.3	18.8
4 21	14 14.21	+ 7 26.0	1.398	2.368	8.3	18.8
5 1	14 4.68	+ 7 20.6	1.412	2.370	9.8	18.9
5 11	13 56.03	+ 6 50.4	1.450	2.373	12.7	19.0
5 21	13 49.21	+ 5 56.8	1.509	2.376	15.9	19.2
5 31	13 44.85	+ 4 42.9	1.586	2.379	18.7	19.4

318669 2005 OC_{16} 4 24.9 299°.69 0°.6/24.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.57	−13 32.1	2.039	2.887	12.4	21.0
4 1	14 27.33	−13 2.0	1.939	2.864	9.2	20.7
4 11	14 21.15	−12 22.3	1.863	2.841	5.5	20.5
4 21	14 13.60	−11 35.8	1.814	2.817	1.6	20.1
5 1	14 5.52	−10 46.9	1.793	2.794	2.9	20.2
5 11	13 57.85	−10 0.9	1.799	2.771	7.0	20.4
5 21	13 51.42	− 9 22.7	1.830	2.748	10.9	20.6
5 31	13 46.88	− 8 56.4	1.883	2.725	14.4	20.8

176680 2002 PT_{79} 4 24.9 259°.38 1°.9/26.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 36.71	−19 42.3	1.809	2.639	14.5	21.0
4 1	14 31.48	−19 35.5	1.710	2.620	11.2	20.8
4 11	14 23.81	−19 14.0	1.634	2.602	7.3	20.5
4 21	14 14.40	−18 38.6	1.583	2.582	3.2	20.2
5 1	14 4.28	−17 52.4	1.560	2.562	3.0	20.1
5 11	13 54.65	−17 1.0	1.564	2.542	7.2	20.3
5 21	13 46.58	−16 11.1	1.594	2.522	11.6	20.5
5 31	13 40.88	−15 28.8	1.645	2.501	15.4	20.7

283314 2011 KG_{29} 4 24.9 294°.59 3°.5/22.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.01	− 5 52.8	1.833	2.696	12.9	20.6
4 1	14 28.44	− 5 10.6	1.750	2.682	9.6	20.4
4 11	14 21.82	− 4 24.6	1.691	2.668	6.0	20.1
4 21	14 13.79	− 3 39.7	1.658	2.655	3.5	20.0
5 1	14 5.29	− 3 1.7	1.652	2.641	5.3	20.0
5 11	13 57.32	− 2 35.7	1.672	2.628	9.0	20.2
5 21	13 50.77	− 2 24.9	1.717	2.615	12.7	20.4
5 31	13 46.27	− 2 31.0	1.782	2.602	15.9	20.6

438356 2006 SX_{159} 4 24.9 221°.77 0°.3/24.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.32	−13 12.4	2.546	3.382	10.6	21.9
4 1	14 28.15	−12 57.2	2.458	3.376	7.9	21.8
4 11	14 21.42	−12 35.5	2.394	3.369	4.7	21.5
4 21	14 13.65	−12 9.3	2.359	3.362	1.3	21.3
5 1	14 5.56	−11 41.5	2.353	3.354	2.3	21.3
5 11	13 57.88	−11 15.7	2.376	3.346	5.7	21.6
5 21	13 51.27	−10 54.9	2.426	3.338	8.8	21.7
5 31	13 46.24	−10 41.9	2.499	3.330	11.6	21.9

276459 2003 GV_{10} 4 24.9 51°.53 4°.9/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 51.80	+ 1 33.6	1.402	2.247	17.1	19.5
4 1	14 42.28	+ 0 47.7	1.355	2.274	12.9	19.3
4 11	14 29.95	− 0 7.2	1.332	2.301	8.4	19.1
4 21	14 16.04	− 1 12.6	1.336	2.329	5.0	19.0
5 1	14 2.09	− 2 28.4	1.369	2.357	6.3	19.1
5 11	13 49.60	− 3 53.0	1.429	2.385	10.1	19.4
5 21	13 39.64	− 5 23.7	1.516	2.414	14.0	19.7
5 31	13 32.78	− 6 58.4	1.624	2.442	17.3	20.0

365499 2010 RK_{16} 4 24.9 233°.31 4°.3/28.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 37.55	−25 46.3	1.784	2.592	15.6	21.8
4 1	14 32.16	−25 52.5	1.692	2.582	12.5	21.5
4 11	14 24.24	−25 39.5	1.622	2.573	8.9	21.3
4 21	14 14.53	−25 6.7	1.576	2.562	5.4	21.1
5 1	14 4.17	−24 15.9	1.556	2.552	4.5	21.0
5 11	13 54.44	−23 12.9	1.564	2.541	7.4	21.1
5 21	13 46.43	−22 5.5	1.597	2.529	11.3	21.3
5 31	13 40.92	−21 1.6	1.652	2.517	14.9	21.5

243284 2008 CB_{161} 4 24.9 280°.51 2°.5/22.2 18

3 22	14 29.73	− 8 10.7	2.335	3.190	10.7	20.5
4 1	14 25.56	− 7 10.4	2.257	3.186	7.9	20.3
4 11	14 19.87	− 6 5.0	2.204	3.182	4.8	20.1
4 21	14 13.21	− 4 58.7	2.179	3.177	2.6	20.0
5 1	14 6.28	− 3 57.0	2.183	3.173	4.1	20.1
5 11	13 59.83	− 3 4.5	2.215	3.169	7.2	20.3
5 21	13 54.46	− 2 24.8	2.273	3.165	10.2	20.4
5 31	13 50.66	− 2 0.0	2.352	3.161	12.9	20.6

338110 2002 QW_{46} 4 24.9 166°.39 3°.5/28.4 18

3 22	14 36.81	−26 8.3	2.774	3.555	11.3	21.8
4 1	14 30.69	−26 25.0	2.687	3.560	9.0	21.6
4 11	14 22.92	−26 29.1	2.624	3.564	6.5	21.4
4 21	14 14.09	−26 20.3	2.589	3.568	4.2	21.3
5 1	14 4.92	−25 59.7	2.582	3.572	3.6	21.3
5 11	13 56.22	−25 30.2	2.606	3.575	5.3	21.4
5 21	13 48.67	−24 55.8	2.657	3.577	7.8	21.5
5 31	13 42.78	−24 21.0	2.733	3.579	10.2	21.7

467075 2016 DM_{20} 4 24.9 108°.80 0°.1/24.9 18

3 22	14 37.88	−15 26.9	1.644	2.488	15.0	21.5
4 1	14 32.01	−14 55.6	1.583	2.505	11.1	21.3
4 11	14 23.88	−14 12.3	1.546	2.521	6.7	21.1
4 21	14 14.37	−13 20.5	1.534	2.537	1.9	20.8
5 1	14 4.61	−12 26.0	1.550	2.553	3.0	20.9
5 11	13 55.78	−11 35.2	1.593	2.568	7.5	21.2
5 21	13 48.76	−10 53.6	1.661	2.582	11.6	21.5
5 31	13 44.14	−10 25.3	1.751	2.596	15.1	21.7

11588 Gottfriedkeller 4 24.9 209°.98 2°.3/22.4 18

3 22	14 31.02	− 6 47.8	2.817	3.664	9.4	19.5
4 1	14 26.27	− 6 7.9	2.735	3.659	6.9	19.3
4 11	14 20.21	− 5 25.2	2.678	3.654	4.2	19.1
4 21	14 13.31	− 4 42.8	2.651	3.648	2.3	19.0
5 1	14 6.17	− 4 4.3	2.653	3.642	3.5	19.1
5 11	13 59.41	− 3 33.1	2.684	3.635	6.2	19.2
5 21	13 53.58	− 3 11.6	2.741	3.629	8.8	19.4
5 31	13 49.10	− 3 1.3	2.822	3.621	11.2	19.5

201611 2003 SP_{203} 4 24.9 198°.04 0°.6/25.4 17

3 22	14 34.83	−16 21.4	2.274	3.104	11.9	21.5
4 1	14 29.44	−16 9.0	2.189	3.102	8.9	21.3
4 11	14 22.27	−15 47.1	2.128	3.100	5.5	21.0
4 21	14 13.93	−15 17.6	2.095	3.097	1.8	20.8
5 1	14 5.22	−14 43.6	2.090	3.093	2.2	20.8
5 11	13 57.03	−14 9.2	2.115	3.089	5.9	21.0
5 21	13 50.08	−13 38.4	2.166	3.085	9.4	21.2
5 31	13 44.94	−13 15.0	2.240	3.081	12.4	21.4

174570 2003 OH_1 4 24.9 287°.37 9°.7/ 1.2 17

3 22	14 37.46	−35 32.4	1.539	2.313	19.2	19.9
4 1	14 33.04	−36 21.6	1.438	2.290	16.6	19.7
4 11	14 25.30	−36 44.5	1.356	2.267	13.6	19.4
4 21	14 14.98	−36 35.2	1.294	2.245	11.0	19.2
5 1	14 3.45	−35 50.7	1.255	2.222	9.7	19.1
5 11	13 52.47	−34 34.7	1.239	2.199	10.9	19.1
5 21	13 43.64	−32 56.8	1.246	2.176	14.0	19.2
5 31	13 38.09	−31 9.7	1.273	2.153	17.5	19.3

289651 2005 GQ_{110} 4 24.9 29°.34 0°.4/25.2 17

3 22	14 34.76	−15 33.8	1.277	2.140	17.3	20.8
4 1	14 30.37	−15 22.1	1.216	2.147	12.9	20.5
4 11	14 23.20	−14 56.5	1.176	2.154	7.9	20.3
4 21	14 14.23	−14 20.3	1.160	2.163	2.4	20.0
5 1	14 4.82	−13 39.1	1.168	2.171	3.3	20.0
5 11	13 56.41	−13 0.2	1.200	2.181	8.6	20.4
5 21	13 50.12	−12 30.1	1.256	2.191	13.4	20.7
5 31	13 46.64	−12 13.4	1.330	2.201	17.5	20.9

231266 2006 AW_{13} 4 24.9 285°.68 2°.8/22.7 18

3 22	14 33.38	− 8 7.9	1.811	2.671	13.1	20.4
4 1	14 28.83	− 7 24.3	1.721	2.652	9.7	20.1
4 11	14 22.13	− 6 34.3	1.655	2.634	6.0	19.9
4 21	14 13.94	− 5 42.6	1.615	2.615	2.9	19.6
5 1	14 5.18	− 4 54.9	1.602	2.596	4.7	19.7
5 11	13 56.93	− 4 17.3	1.616	2.577	8.8	19.9
5 21	13 50.09	− 3 54.0	1.654	2.557	12.7	20.1
5 31	13 45.37	− 3 47.5	1.712	2.538	16.2	20.3

384185 2009 BX_{85} 4 24.9 234°.28 4°.9/20.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 31.67	− 0 45.5	2.200	3.059	11.2	20.7
4 1	14 27.05	+ 0 19.3	2.128	3.054	8.4	20.5
4 11	14 20.80	+ 1 23.8	2.082	3.049	5.9	20.4
4 21	14 13.50	+ 2 22.4	2.062	3.044	4.9	20.3
5 1	14 5.92	+ 3 9.6	2.071	3.039	6.3	20.4
5 11	13 58.84	+ 3 41.4	2.106	3.034	9.0	20.5
5 21	13 52.95	+ 3 55.5	2.165	3.029	11.8	20.7
5 31	13 48.74	+ 3 51.7	2.245	3.023	14.3	20.9

460143 2014 PE_{56} 4 24.9 206°.85 3°.1/22.4 16

3 22	14 35.96	− 8 30.3	1.710	2.568	13.9	21.9
4 1	14 30.69	− 7 27.6	1.634	2.564	10.2	21.7
4 11	14 23.19	− 6 17.3	1.581	2.559	6.2	21.4
4 21	14 14.22	− 5 5.4	1.555	2.554	3.2	21.2
5 1	14 4.81	− 3 58.9	1.557	2.548	5.2	21.3
5 11	13 56.10	− 3 4.8	1.585	2.542	9.2	21.5
5 21	13 48.99	− 2 27.8	1.638	2.535	13.2	21.8
5 31	13 44.15	− 2 10.2	1.710	2.528	16.6	22.0

160311 2003 GA_{37} 4 24.9 10°.13 10°.2/17.4 17

3 22	14 30.82	+ 6 26.3	1.270	2.152	16.1	18.9
4 1	14 27.27	+ 8 1.9	1.225	2.154	13.0	18.7
4 11	14 21.24	+ 9 27.2	1.201	2.157	10.7	18.5
4 21	14 13.65	+10 31.3	1.199	2.161	10.4	18.5
5 1	14 5.75	+11 5.5	1.220	2.167	12.2	18.6
5 11	13 58.81	+11 6.0	1.262	2.173	15.1	18.8
5 21	13 53.77	+10 34.0	1.322	2.180	18.2	19.0
5 31	13 51.25	+ 9 33.7	1.399	2.188	20.9	19.3

499344 2009 WX_{224} 4 24.9 198°.53 5°.4/20.3 17

3 22	14 36.70	+ 2 23.2	2.205	3.053	11.6	21.9
4 1	14 30.73	+ 3 5.0	2.133	3.050	8.9	21.8
4 11	14 22.99	+ 3 42.9	2.086	3.047	6.5	21.6
4 21	14 14.13	+ 4 12.1	2.067	3.043	5.4	21.5
5 1	14 4.97	+ 4 28.3	2.076	3.039	6.8	21.6
5 11	13 56.37	+ 4 28.3	2.112	3.034	9.3	21.8
5 21	13 49.06	+ 4 11.6	2.172	3.029	12.1	21.9
5 31	13 43.58	+ 3 38.6	2.254	3.023	14.6	22.1

173909 2001 VC_{17} 4 24.9 63°.87 4°.9/28.6 18

3 22	14 38.45	−26 56.4	2.157	2.946	13.9	19.5
4 1	14 32.35	−27 44.1	2.082	2.957	11.2	19.3
4 11	14 24.12	−28 17.0	2.031	2.968	8.3	19.2
4 21	14 14.48	−28 33.2	2.005	2.980	5.7	19.0
5 1	14 4.41	−28 33.1	2.007	2.991	5.0	19.0
5 11	13 54.95	−28 19.6	2.036	3.003	6.8	19.1
5 21	13 47.01	−27 57.5	2.092	3.015	9.5	19.3
5 31	13 41.23	−27 32.3	2.171	3.027	12.2	19.5

465742 2009 VB_{78} 4 24.9 270°.09 7°.2/19.5 17

3 22	14 36.01	+ 4 31.5	1.781	2.639	13.4	20.5
4 1	14 30.65	+ 5 24.7	1.710	2.630	10.6	20.3
4 11	14 23.14	+ 6 12.0	1.662	2.620	8.1	20.2
4 21	14 14.20	+ 6 46.6	1.640	2.610	7.3	20.1
5 1	14 4.85	+ 7 2.6	1.644	2.600	8.8	20.2
5 11	13 56.14	+ 6 56.3	1.673	2.591	11.6	20.3
5 21	13 48.96	+ 6 27.6	1.724	2.581	14.7	20.5
5 31	13 43.95	+ 5 38.0	1.795	2.571	17.5	20.6

133934 2004 TQ 4 24.9 197°.80 0°.1/24.9 18

3 22	14 38.93	−14 27.0	1.772	2.612	14.3	20.7
4 1	14 32.93	−14 11.8	1.690	2.610	10.7	20.5
4 11	14 24.57	−13 46.2	1.632	2.607	6.5	20.2
4 21	14 14.63	−13 12.7	1.600	2.603	1.9	19.9
5 1	14 4.18	−12 35.6	1.597	2.599	2.9	20.0
5 11	13 54.41	−12 0.1	1.620	2.594	7.5	20.3
5 21	13 46.31	−11 31.5	1.670	2.588	11.7	20.5
5 31	13 40.56	−11 13.8	1.741	2.582	15.3	20.7

520277 2014 EF_{212} 4 24.9 193°.46 1°.2/26.2 17

3 22	14 32.64	−19 8.4	2.696	3.514	10.6	22.7
4 1	14 27.60	−18 50.1	2.607	3.512	8.0	22.5
4 11	14 21.07	−18 21.6	2.543	3.510	5.1	22.3
4 21	14 13.58	−17 44.6	2.508	3.507	2.1	22.1
5 1	14 5.82	−17 1.8	2.502	3.504	2.0	22.1
5 11	13 58.49	−16 17.0	2.525	3.500	5.0	22.3
5 21	13 52.20	−15 34.3	2.575	3.497	8.0	22.4
5 31	13 47.42	−14 57.2	2.651	3.492	10.7	22.6

91330 1999 HM_2 4 24.9 99°.69 1°.1/24.3 18

3 22	14 39.95	−11 20.3	1.473	2.328	15.9	19.3
4 1	14 33.82	−11 10.6	1.412	2.340	11.7	19.1
4 11	14 25.11	−10 53.2	1.374	2.352	7.0	18.9
4 21	14 14.77	−10 31.4	1.361	2.364	2.1	18.6
5 1	14 4.07	−10 9.8	1.374	2.375	3.7	18.7
5 11	13 54.37	− 9 53.7	1.414	2.387	8.5	19.0
5 21	13 46.67	− 9 47.0	1.478	2.398	12.9	19.3
5 31	13 41.65	− 9 52.5	1.562	2.408	16.6	19.6

215361 2001 XX_{193} 4 24.9 71°.66 3°.0/22.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 31.92	− 5 37.3	2.226	3.082	11.2	20.5
4 1	14 27.15	− 4 57.3	2.163	3.091	8.2	20.3
4 11	14 20.80	− 4 15.3	2.125	3.100	5.1	20.1
4 21	14 13.50	− 3 35.5	2.114	3.110	3.0	20.0
5 1	14 6.00	− 3 2.1	2.132	3.120	4.4	20.1
5 11	13 59.07	− 2 38.8	2.177	3.129	7.4	20.3
5 21	13 53.35	− 2 27.9	2.248	3.139	10.4	20.5
5 31	13 49.29	− 2 30.4	2.340	3.148	12.9	20.7

347917 2003 BS_{39} 4 24.9 173°.10 3°.6/28.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.55	−26 49.6	2.522	3.311	12.1	21.3
4 1	14 28.45	−26 48.1	2.434	3.312	9.7	21.2
4 11	14 21.65	−26 31.8	2.371	3.313	6.9	21.0
4 21	14 13.77	−26 0.8	2.333	3.315	4.4	20.8
5 1	14 5.57	−25 17.3	2.324	3.315	3.7	20.8
5 11	13 57.87	−24 25.1	2.343	3.316	5.5	20.9
5 21	13 51.37	−23 29.3	2.389	3.316	8.3	21.1
5 31	13 46.60	−22 35.1	2.460	3.316	10.9	21.2

227343 2005 UC_{59} 4 24.9 230°.05 1°.0/25.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 34.90	−18 15.8	2.052	2.882	13.0	21.4
4 1	14 29.75	−17 51.1	1.961	2.873	9.9	21.2
4 11	14 22.59	−17 13.4	1.893	2.863	6.2	20.9
4 21	14 14.07	−16 24.8	1.852	2.853	2.2	20.7
5 1	14 5.09	−15 29.3	1.839	2.842	2.4	20.7
5 11	13 56.63	−14 32.3	1.854	2.830	6.5	20.9
5 21	13 49.55	−13 39.6	1.896	2.819	10.3	21.1
5 31	13 44.48	−12 56.2	1.961	2.807	13.7	21.3

214074 2004 GT_{56} 4 24.9 200°.36 2°.0/26.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 35.13	−20 5.8	2.468	3.282	11.6	21.4
4 1	14 29.61	−20 15.6	2.380	3.280	8.9	21.2
4 11	14 22.37	−20 15.2	2.316	3.278	5.9	21.0
4 21	14 13.99	−20 5.2	2.280	3.276	2.9	20.8
5 1	14 5.23	−19 47.2	2.273	3.273	2.5	20.7
5 11	13 56.93	−19 24.5	2.294	3.270	5.4	20.9
5 21	13 49.79	−19 0.8	2.343	3.267	8.6	21.1
5 31	13 44.39	−18 40.0	2.416	3.264	11.4	21.3

187415 2005 VB_{78} 4 24.9 268°.53 1°.4/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 38.91	− 9 43.9	1.868	2.715	13.4	20.9
4 1	14 33.00	− 9 43.0	1.771	2.694	10.0	20.6
4 11	14 24.72	− 9 37.4	1.698	2.674	6.1	20.4
4 21	14 14.73	− 9 29.5	1.651	2.653	2.0	20.0
5 1	14 4.03	− 9 22.5	1.632	2.632	3.5	20.1
5 11	13 53.77	− 9 20.1	1.642	2.611	7.9	20.3
5 21	13 44.98	− 9 25.6	1.677	2.589	12.1	20.5
5 31	13 38.43	− 9 41.5	1.734	2.567	15.8	20.7

59239 Alhazen 4 24.9 178°.44 2°.2/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 40.68	−20 9.3	1.900	2.719	14.4	19.6
4 1	14 34.14	−20 12.7	1.818	2.721	11.0	19.4
4 11	14 25.27	−20 2.5	1.759	2.723	7.2	19.1
4 21	14 14.85	−19 39.3	1.727	2.724	3.3	18.9
5 1	14 3.94	−19 5.6	1.723	2.724	3.0	18.9
5 11	13 53.72	−18 26.4	1.747	2.723	6.8	19.1
5 21	13 45.16	−17 47.5	1.797	2.721	10.7	19.3
5 31	13 38.95	−17 14.4	1.871	2.719	14.2	19.5

214868 2007 PF_{7} 4 24.9 273°.94 1°.6/25.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 36.53	−18 45.1	1.504	2.347	16.2	21.1
4 1	14 31.79	−18 34.1	1.410	2.328	12.5	20.8
4 11	14 24.25	−18 6.6	1.337	2.309	8.0	20.5
4 21	14 14.64	−17 23.6	1.289	2.290	3.1	20.2
5 1	14 4.17	−16 29.3	1.267	2.270	3.2	20.1
5 11	13 54.27	−15 30.8	1.270	2.250	8.3	20.4
5 21	13 46.21	−14 36.1	1.297	2.230	13.3	20.6
5 31	13 40.90	−13 52.6	1.345	2.210	17.7	20.8

348951 2006 TD_{119} 4 24.9 138°.09 3°.1/21.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 30.88	− 5 10.3	2.550	3.403	10.0	21.5
4 1	14 26.22	− 4 8.3	2.484	3.410	7.4	21.4
4 11	14 20.19	− 3 4.1	2.444	3.418	4.7	21.2
4 21	14 13.34	− 2 2.2	2.433	3.425	3.1	21.1
5 1	14 6.31	− 1 7.1	2.451	3.432	4.5	21.2
5 11	13 59.77	− 0 22.9	2.497	3.439	7.1	21.4
5 21	13 54.27	+ 0 8.1	2.568	3.445	9.8	21.6
5 31	13 50.23	+ 0 24.5	2.663	3.451	12.1	21.7

297713 2001 VR_{122} 4 24.9 157°.73 2°.9/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 39.46	− 7 25.1	1.750	2.602	13.9	21.2
4 1	14 33.14	− 6 50.1	1.683	2.609	10.3	21.0
4 11	14 24.59	− 6 10.9	1.639	2.616	6.2	20.7
4 21	14 14.64	− 5 31.9	1.622	2.621	3.0	20.5
5 1	14 4.35	− 4 58.6	1.633	2.627	4.7	20.7
5 11	13 54.86	− 4 35.6	1.672	2.631	8.7	20.9
5 21	13 47.07	− 4 26.3	1.735	2.635	12.5	21.1
5 31	13 41.58	− 4 31.9	1.820	2.638	15.7	21.4

469678 2004 XC_{72} 4 24.9 238°.53 3°.0/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 35.07	−25 22.4	2.417	3.212	12.4	21.4
4 1	14 29.73	−25 1.5	2.310	3.195	9.8	21.2
4 11	14 22.54	−24 24.2	2.227	3.178	6.8	21.0
4 21	14 14.08	−23 31.3	2.171	3.160	3.9	20.7
5 1	14 5.15	−22 25.2	2.144	3.141	3.2	20.7
5 11	13 56.67	−21 11.0	2.145	3.121	5.8	20.8
5 21	13 49.40	−19 54.8	2.175	3.101	9.0	21.0
5 31	13 43.96	−18 42.6	2.229	3.080	12.1	21.1

399435 2001 YG_{115} 4 24.9 181°.39 1°.1/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 39.76	−11 33.7	1.915	2.756	13.4	21.5
4 1	14 33.32	−11 12.6	1.837	2.758	9.9	21.3
4 11	14 24.71	−10 44.1	1.783	2.758	5.9	21.0
4 21	14 14.70	−10 11.3	1.756	2.758	1.8	20.7
5 1	14 4.27	− 9 38.5	1.758	2.758	3.3	20.9
5 11	13 54.51	− 9 10.3	1.788	2.756	7.5	21.1
5 21	13 46.32	− 8 50.7	1.844	2.753	11.3	21.3
5 31	13 40.33	− 8 42.7	1.923	2.750	14.7	21.5

424003 2006 WD_{3} 4 24.9 251°.79 7°.1/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 39.91	−36 59.2	2.279	3.009	14.9	21.5
4 1	14 33.81	−37 4.3	2.160	2.983	12.8	21.3
4 11	14 25.25	−36 46.1	2.061	2.957	10.4	21.1
4 21	14 14.91	−36 1.2	1.985	2.929	8.2	20.9
5 1	14 3.84	−34 49.4	1.937	2.901	7.1	20.8
5 11	13 53.26	−33 14.8	1.916	2.871	8.0	20.8
5 21	13 44.24	−31 24.9	1.923	2.840	10.5	20.9
5 31	13 37.58	−29 29.4	1.954	2.809	13.4	21.0

375977 2009 WB_{234} 4 24.9 186°.84 0°.3/25.2 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 36.21	−15 21.8	2.080	2.915	12.7	21.8
4 1	14 30.61	−15 8.3	1.999	2.915	9.5	21.6
4 11	14 23.06	−14 45.2	1.941	2.914	5.8	21.3
4 21	14 14.23	−14 14.8	1.911	2.913	1.8	21.0
5 1	14 5.02	−13 40.4	1.909	2.912	2.4	21.1
5 11	13 56.39	−13 6.7	1.936	2.910	6.4	21.3
5 21	13 49.14	−12 37.9	1.989	2.908	10.1	21.6
5 31	13 43.87	−12 17.7	2.065	2.905	13.3	21.8

496164 2010 WL_{40} 4 24.9 263°.24 2°.9/27.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 37.59	−22 51.1	1.901	2.715	14.5	22.8
4 1	14 32.21	−22 42.4	1.791	2.689	11.4	22.5
4 11	14 24.37	−22 16.5	1.703	2.663	7.8	22.2
4 21	14 14.70	−21 33.2	1.641	2.635	4.1	21.9
5 1	14 4.22	−20 35.1	1.606	2.607	3.4	21.8
5 11	13 54.14	−19 27.6	1.600	2.577	7.2	22.0
5 21	13 45.55	−18 18.4	1.619	2.547	11.4	22.2
5 31	13 39.31	−17 14.8	1.661	2.517	15.3	22.3

24971 1998 FG_{77} 4 24.9 270°.33 3°.3/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 37.10	− 6 42.6	1.635	2.495	14.3	17.9
4 1	14 31.86	− 6 9.7	1.546	2.477	10.7	17.6
4 11	14 24.13	− 5 32.1	1.481	2.458	6.6	17.3
4 21	14 14.61	− 4 54.6	1.440	2.439	3.4	17.1
5 1	14 4.40	− 4 23.0	1.427	2.420	5.3	17.1
5 11	13 54.73	− 4 3.0	1.440	2.400	9.6	17.3
5 21	13 46.69	− 3 58.3	1.476	2.380	13.9	17.5
5 31	13 41.08	− 4 10.9	1.532	2.360	17.7	17.7

314130 2005 EM_{165} 4 24.9 61°.17 2°.4/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 35.39	−10 15.9	1.379	2.247	16.0	21.0
4 1	14 30.52	− 9 29.0	1.324	2.259	11.7	20.8
4 11	14 23.16	− 8 33.6	1.291	2.271	7.0	20.6
4 21	14 14.26	− 7 35.8	1.283	2.284	2.7	20.3
5 1	14 5.08	− 6 42.9	1.300	2.297	4.8	20.5
5 11	13 56.89	− 6 1.8	1.342	2.310	9.4	20.8
5 21	13 50.66	− 5 37.1	1.407	2.323	13.7	21.1
5 31	13 47.00	− 5 30.8	1.492	2.337	17.3	21.3

178220 2006 VH_{120} 4 24.9 62°.48 0°.3/25.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 34.15	−14 46.8	2.160	2.998	12.2	20.3
4 1	14 28.93	−14 43.9	2.092	3.010	9.0	20.1
4 11	14 21.96	−14 33.0	2.047	3.021	5.5	19.9
4 21	14 13.90	−14 16.0	2.030	3.032	1.7	19.7
5 1	14 5.58	−13 56.0	2.041	3.044	2.3	19.7
5 11	13 57.87	−13 36.6	2.081	3.056	6.0	20.0
5 21	13 51.47	−13 21.1	2.146	3.067	9.4	20.2
5 31	13 46.90	−13 12.6	2.235	3.079	12.3	20.4

468067 2013 SR_{51} 4 24.9 227°.25 2°.5/22.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 34.68	− 8 15.9	2.122	2.972	11.9	22.3
4 1	14 29.45	− 7 31.2	2.036	2.962	8.8	22.1
4 11	14 22.36	− 6 41.0	1.975	2.952	5.3	21.9
4 21	14 14.04	− 5 49.5	1.942	2.941	2.6	21.7
5 1	14 5.32	− 5 1.7	1.937	2.930	4.2	21.7
5 11	13 57.10	− 4 22.6	1.960	2.918	7.7	21.9
5 21	13 50.15	− 3 55.8	2.009	2.905	11.2	22.1
5 31	13 45.05	− 3 43.6	2.080	2.892	14.2	22.3

134702 1999 XQ_{125} 4 24.9 235°.95 3°.5/27.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 37.36	−23 46.7	1.843	2.656	14.9	20.1
4 1	14 31.95	−23 49.8	1.750	2.646	11.8	19.8
4 11	14 24.13	−23 35.8	1.679	2.635	8.2	19.6
4 21	14 14.60	−23 4.5	1.633	2.624	4.6	19.4
5 1	14 4.44	−22 18.1	1.614	2.613	3.8	19.3
5 11	13 54.86	−21 22.1	1.623	2.601	7.1	19.4
5 21	13 46.90	−20 23.5	1.657	2.588	11.0	19.6
5 31	13 41.33	−19 29.4	1.714	2.575	14.6	19.8

522719 2016 LX_{61} 4 24.9 142°.43 0°.8/24.1 17

3 22	14 31.13	−13 35.3	2.289	3.133	11.4	21.4
4 1	14 26.64	−12 48.7	2.212	3.135	8.3	21.2
4 11	14 20.57	−11 53.5	2.161	3.137	4.9	21.0
4 21	14 13.51	−10 53.1	2.136	3.139	1.4	20.7
5 1	14 6.18	− 9 52.4	2.141	3.141	2.7	20.8
5 11	13 59.39	− 8 56.2	2.174	3.143	6.3	21.1
5 21	13 53.76	− 8 9.0	2.234	3.145	9.5	21.3
5 31	13 49.78	− 7 33.8	2.316	3.147	12.4	21.5

240717 2005 GT_{118} 4 24.9 271°.29 0°.1/25.0 17

3 22	14 35.35	−13 48.5	2.097	2.937	12.4	20.6
4 1	14 30.04	−13 48.9	2.009	2.928	9.3	20.4
4 11	14 22.78	−13 41.9	1.945	2.920	5.6	20.1
4 21	14 14.18	−13 29.2	1.908	2.911	1.6	19.8
5 1	14 5.12	−13 13.7	1.900	2.902	2.5	19.9
5 11	13 56.55	−12 58.8	1.919	2.893	6.5	20.1
5 21	13 49.28	−12 48.2	1.965	2.885	10.2	20.3
5 31	13 43.96	−12 44.9	2.033	2.876	13.4	20.5

148615 2001 RS_{114} 4 24.9 118°.50 0°.3/25.2 18

3 22	14 37.11	−15 23.4	1.861	2.700	13.8	20.6
4 1	14 31.36	−15 10.8	1.793	2.711	10.3	20.4
4 11	14 23.52	−14 47.9	1.748	2.722	6.2	20.2
4 21	14 14.37	−14 17.4	1.730	2.732	1.9	19.9
5 1	14 4.91	−13 42.9	1.739	2.742	2.6	20.0
5 11	13 56.20	−13 9.6	1.777	2.752	6.8	20.3
5 21	13 49.08	−12 42.0	1.840	2.761	10.7	20.5
5 31	13 44.12	−12 23.7	1.925	2.770	13.9	20.7

245973 2006 ST_{112} 4 24.9 208°.30 2°.4/22.3 17

3 22	14 31.21	− 8 0.7	2.442	3.293	10.5	21.5
4 1	14 26.62	− 7 4.9	2.362	3.289	7.7	21.3
4 11	14 20.54	− 6 4.3	2.309	3.286	4.7	21.1
4 21	14 13.50	− 5 3.2	2.284	3.282	2.5	20.9
5 1	14 6.21	− 4 6.2	2.287	3.277	3.9	21.0
5 11	13 59.37	− 3 17.9	2.319	3.273	6.9	21.2
5 21	13 53.60	− 2 41.6	2.378	3.268	9.9	21.4
5 31	13 49.36	− 2 19.2	2.458	3.263	12.5	21.6

180765 2004 PJ_{18} 4 24.9 260°.28 1°.3/26.3 17

3 22	14 31.64	−19 28.5	2.601	3.421	10.9	20.7
4 1	14 27.03	−19 10.9	2.502	3.407	8.3	20.5
4 11	14 20.84	−18 42.4	2.427	3.393	5.3	20.3
4 21	14 13.61	−18 4.6	2.380	3.379	2.2	20.1
5 1	14 6.01	−17 20.1	2.361	3.364	2.1	20.0
5 11	13 58.79	−16 33.0	2.372	3.349	5.2	20.2
5 21	13 52.60	−15 47.4	2.410	3.334	8.4	20.4
5 31	13 47.95	−15 7.5	2.472	3.318	11.2	20.6

469194 2016 GG_{141} 4 24.9 296°.82 1°.5/23.7 17

3 22	14 31.59	−13 48.8	1.649	2.508	14.3	20.9
4 1	14 27.79	−12 44.7	1.554	2.484	10.7	20.6
4 11	14 21.68	−11 25.3	1.481	2.461	6.4	20.3
4 21	14 13.92	− 9 55.5	1.434	2.437	2.0	20.0
5 1	14 5.52	− 8 23.0	1.414	2.414	4.0	20.0
5 11	13 57.63	− 6 56.6	1.421	2.390	8.8	20.3
5 21	13 51.26	− 5 44.4	1.451	2.367	13.3	20.5
5 31	13 47.18	− 4 51.8	1.502	2.344	17.3	20.6

374162 2004 VF_{16} 4 24.9 111°.30 5°.5/20.2 18

3 22	14 36.15	+ 2 39.4	2.201	3.051	11.5	20.6
4 1	14 30.16	+ 3 28.5	2.152	3.070	8.8	20.5
4 11	14 22.57	+ 4 13.0	2.128	3.088	6.5	20.4
4 21	14 14.06	+ 4 47.8	2.132	3.106	5.5	20.4
5 1	14 5.44	+ 5 8.9	2.164	3.124	6.8	20.5
5 11	13 57.52	+ 5 13.6	2.222	3.141	9.1	20.6
5 21	13 50.93	+ 5 1.7	2.305	3.157	11.6	20.8
5 31	13 46.11	+ 4 33.9	2.409	3.173	13.8	21.0

489395 2006 UX_{345} 4 24.9 144°.65 3°.9/21.8 17

3 22	14 38.45	+ 0 52.0	2.601	3.440	10.3	21.2
4 1	14 31.74	+ 0 59.0	2.531	3.446	7.8	21.1
4 11	14 23.51	+ 1 2.5	2.488	3.452	5.3	20.9
4 21	14 14.35	+ 0 59.7	2.474	3.458	3.9	20.8
5 1	14 4.98	+ 0 47.9	2.489	3.464	5.0	20.9
5 11	13 56.16	+ 0 25.9	2.534	3.470	7.4	21.1
5 21	13 48.49	− 0 6.9	2.606	3.475	9.9	21.2
5 31	13 42.45	− 0 49.9	2.702	3.480	12.2	21.4

290722 2005 UQ_{430} 4 24.9 262°.94 1°.2/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 31.80	−19 12.8	2.587	3.408	10.9	21.1
4 1	14 27.17	−18 52.9	2.485	3.391	8.3	20.9
4 11	14 20.95	−18 22.2	2.408	3.374	5.3	20.7
4 21	14 13.66	−17 42.1	2.358	3.357	2.2	20.4
5 1	14 5.98	−16 55.4	2.337	3.339	2.1	20.4
5 11	13 58.66	−16 6.2	2.345	3.322	5.3	20.6
5 21	13 52.37	−15 18.9	2.380	3.303	8.5	20.8
5 31	13 47.65	−14 37.6	2.440	3.285	11.4	20.9

188881 2006 WT_{12} 4 24.9 200°.26 0°.8/24.3 17

3 22	14 35.00	−13 48.6	1.855	2.701	13.5	20.9
4 1	14 29.90	−13 8.7	1.776	2.699	10.0	20.6
4 11	14 22.72	−12 18.0	1.720	2.697	6.0	20.4
4 21	14 14.18	−11 20.4	1.691	2.694	1.7	20.1
5 1	14 5.23	−10 21.3	1.690	2.691	3.1	20.2
5 11	13 56.93	− 9 27.0	1.717	2.688	7.4	20.5
5 21	13 50.12	− 8 42.6	1.768	2.684	11.4	20.7
5 31	13 45.43	− 8 12.0	1.842	2.680	14.8	20.9

471351 2011 QB_{65} 4 24.9 216°.89 2°.0/22.4 16

3 22	14 31.46	− 7 22.0	3.097	3.939	8.7	23.2
4 1	14 26.55	− 6 36.8	3.007	3.929	6.4	23.1
4 11	14 20.41	− 5 48.2	2.943	3.918	3.9	22.9
4 21	14 13.48	− 4 59.3	2.909	3.906	2.1	22.7
5 1	14 6.29	− 4 13.5	2.905	3.894	3.3	22.8
5 11	13 59.44	− 3 34.2	2.931	3.882	5.8	22.9
5 21	13 53.42	− 3 3.9	2.984	3.868	8.3	23.1
5 31	13 48.64	− 2 44.3	3.061	3.854	10.5	23.2

468389 2016 GX_{103} 4 24.9 92°.81 0°.3/24.8 18

3 22	14 38.38	−14 6.1	1.672	2.518	14.8	21.8
4 1	14 32.36	−13 46.4	1.615	2.538	10.9	21.6
4 11	14 24.12	−13 16.7	1.582	2.558	6.5	21.4
4 21	14 14.54	−12 40.4	1.574	2.577	1.8	21.2
5 1	14 4.76	−12 2.2	1.594	2.596	3.0	21.3
5 11	13 55.90	−11 27.7	1.641	2.615	7.4	21.6
5 21	13 48.83	−11 1.3	1.713	2.633	11.4	21.9
5 31	13 44.12	−10 46.5	1.807	2.651	14.7	22.1

498644 2008 SB_{43} 4 24.9 228°.26 3°.7/27.8 18

3 22	14 40.08	−24 36.1	2.450	3.238	12.4	21.7
4 1	14 33.53	−25 9.1	2.347	3.226	9.9	21.5
4 11	14 24.92	−25 30.1	2.268	3.213	7.1	21.3
4 21	14 14.85	−25 37.7	2.217	3.200	4.5	21.1
5 1	14 4.15	−25 32.2	2.194	3.186	3.9	21.1
5 11	13 53.83	−25 16.1	2.202	3.171	6.1	21.2
5 21	13 44.75	−24 53.3	2.236	3.156	9.1	21.4
5 31	13 37.61	−24 28.9	2.295	3.140	12.0	21.5

164271 2004 XG_{4} 4 24.9 263°.43 2°.8/23.1 17

3 22	14 38.62	− 8 1.4	1.641	2.497	14.5	20.1
4 1	14 33.08	− 7 31.2	1.547	2.475	10.8	19.8
4 11	14 24.93	− 6 54.8	1.475	2.453	6.7	19.5
4 21	14 14.90	− 6 16.7	1.430	2.430	3.0	19.2
5 1	14 4.06	− 5 42.4	1.411	2.406	4.9	19.3
5 11	13 53.72	− 5 17.9	1.419	2.382	9.5	19.5
5 21	13 45.01	− 5 7.6	1.451	2.358	14.0	19.7
5 31	13 38.80	− 5 14.0	1.504	2.333	17.9	19.9

89687 2001 YX_{62} 4 24.9 165°.54 3°.5/21.5 18

3 22	14 33.24	− 2 0.5	2.592	3.441	10.0	19.9
4 1	14 27.98	− 1 27.6	2.521	3.444	7.5	19.7
4 11	14 21.30	− 0 55.3	2.476	3.446	4.9	19.6
4 21	14 13.73	− 0 27.3	2.460	3.449	3.5	19.5
5 1	14 5.95	− 0 7.0	2.473	3.451	4.7	19.6
5 11	13 58.64	+ 0 2.8	2.513	3.453	7.2	19.7
5 21	13 52.38	+ 0 0.7	2.580	3.454	9.8	19.9
5 31	13 47.62	− 0 13.9	2.669	3.455	12.1	20.1

415287 2013 GR_{8} 4 24.9 316°.82 5°.8/20.8 17

3 22	14 30.19	− 5 54.7	1.163	2.052	16.8	20.2
4 1	14 27.48	− 4 29.7	1.082	2.027	12.6	19.9
4 11	14 21.85	− 2 53.8	1.022	2.003	8.2	19.5
4 21	14 14.05	− 1 16.7	0.984	1.979	5.8	19.3
5 1	14 5.36	+ 0 9.3	0.969	1.956	8.5	19.4
5 11	13 57.32	+ 1 12.5	0.977	1.934	13.5	19.6
5 21	13 51.26	+ 1 46.0	1.003	1.913	18.5	19.8
5 31	13 48.15	+ 1 47.3	1.046	1.893	22.9	20.0

434887 2006 SU_{378} 4 24.9 350°.78 5°.9/19.5 17

3 22	14 32.24	+ 3 5.9	2.119	2.978	11.6	21.0
4 1	14 27.53	+ 4 0.7	2.055	2.977	9.0	20.8
4 11	14 21.15	+ 4 51.4	2.016	2.976	6.7	20.7
4 21	14 13.71	+ 5 32.2	2.003	2.975	6.0	20.6
5 1	14 6.01	+ 5 58.4	2.017	2.975	7.3	20.7
5 11	13 58.88	+ 6 6.7	2.057	2.974	9.8	20.9
5 21	13 52.98	+ 5 56.4	2.120	2.974	12.4	21.0
5 31	13 48.84	+ 5 28.0	2.203	2.974	14.8	21.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
198564 2004 XB_{158}			4 24.9 176°.03		0°.3/25.2 18	
	h m	° ′			°	m
3 22	14 34.20	−15 50.9	2.171	3.006	12.2	20.8
4 1	14 29.05	−15 27.4	2.091	3.008	9.1	20.6
4 11	14 22.10	−14 54.0	2.036	3.009	5.5	20.4
4 21	14 14.00	−14 13.2	2.007	3.009	1.7	20.1
5 1	14 5.57	−13 28.6	2.007	3.010	2.3	20.2
5 11	13 57.70	−12 45.2	2.036	3.010	6.2	20.4
5 21	13 51.12	−12 7.3	2.090	3.010	9.7	20.6
5 31	13 46.39	−11 38.7	2.169	3.009	12.7	20.8
315272 2007 TQ_{81}			4 24.9 228°.66		1°.7/23.7 16	
3 22	14 37.64	−10 52.3	1.876	2.722	13.3	21.9
4 1	14 31.95	−10 16.7	1.786	2.711	9.9	21.7
4 11	14 24.04	− 9 32.8	1.721	2.698	5.9	21.4
4 21	14 14.60	− 8 44.5	1.682	2.684	2.1	21.1
5 1	14 4.61	− 7 56.9	1.672	2.670	3.8	21.2
5 11	13 55.17	− 7 15.8	1.690	2.655	8.0	21.4
5 21	13 47.22	− 6 45.7	1.733	2.640	12.1	21.6
5 31	13 41.46	− 6 30.0	1.797	2.623	15.6	21.8
414054 2007 RZ_{264}			4 24.9 157°.36		2°.9/27.0 16	
3 22	14 39.47	−21 53.9	1.779	2.598	15.2	22.5
4 1	14 33.39	−21 57.9	1.703	2.604	11.8	22.2
4 11	14 24.91	−21 46.1	1.649	2.609	7.9	22.0
4 21	14 14.83	−21 18.9	1.620	2.614	4.0	21.8
5 1	14 4.30	−20 39.1	1.619	2.619	3.4	21.8
5 11	13 54.55	−19 52.5	1.645	2.623	7.0	22.0
5 21	13 46.55	−19 5.4	1.697	2.626	10.9	22.2
5 31	13 41.00	−18 24.1	1.772	2.628	14.4	22.5
392551 2011 SM_{44}			4 24.9 89°.71		1°.8/22.9 17	
3 22	14 31.12	−10 3.9	2.373	3.223	10.8	21.7
4 1	14 26.49	− 9 9.8	2.311	3.238	7.9	21.5
4 11	14 20.42	− 8 10.4	2.275	3.252	4.7	21.3
4 21	14 13.48	− 7 9.6	2.266	3.267	2.0	21.2
5 1	14 6.39	− 6 12.3	2.287	3.282	3.4	21.3
5 11	13 59.87	− 5 22.9	2.336	3.296	6.5	21.5
5 21	13 54.47	− 4 44.5	2.411	3.310	9.4	21.7
5 31	13 50.64	− 4 19.3	2.509	3.324	12.0	21.9
141901 2002 PO_{65}			4 24.9 217°.15		1°.1/23.9 17	
3 22	14 35.31	−13 12.8	1.928	2.773	13.1	21.1
4 1	14 30.11	−12 24.2	1.843	2.766	9.7	20.9
4 11	14 22.86	−11 24.9	1.781	2.758	5.8	20.6
4 21	14 14.24	−10 18.9	1.747	2.750	1.7	20.3
5 1	14 5.19	− 9 12.1	1.742	2.741	3.3	20.4
5 11	13 56.73	− 8 10.6	1.764	2.732	7.5	20.7
5 21	13 49.69	− 7 20.2	1.812	2.722	11.4	20.9
5 31	13 44.72	− 6 44.5	1.882	2.711	14.8	21.1
206743 2004 BB_{129}			4 24.9 192°.50		2°.3/27.3 18	
3 22	14 34.17	−22 36.0	2.562	3.367	11.5	21.0
4 1	14 28.88	−22 27.2	2.473	3.366	8.9	20.8
4 11	14 21.95	−22 6.0	2.407	3.364	6.0	20.6
4 21	14 13.96	−21 33.3	2.368	3.361	3.2	20.4
5 1	14 5.64	−20 51.3	2.359	3.358	2.6	20.4
5 11	13 57.78	−20 4.2	2.379	3.355	5.3	20.5
5 21	13 51.07	−19 16.4	2.426	3.351	8.3	20.7
5 31	13 46.01	−18 32.4	2.498	3.347	11.0	20.9
171458 Pepaprats			4 24.9 195°.09		1°.0/25.8 16	
3 22	14 38.05	−17 55.7	2.012	2.838	13.4	21.6
4 1	14 32.10	−17 37.0	1.926	2.836	10.1	21.3
4 11	14 24.05	−17 5.8	1.863	2.833	6.3	21.1
4 21	14 14.59	−16 24.1	1.828	2.829	2.3	20.8
5 1	14 4.68	−15 35.5	1.821	2.824	2.5	20.8
5 11	13 55.38	−14 45.5	1.843	2.819	6.6	21.1
5 21	13 47.56	−13 59.5	1.892	2.812	10.5	21.3
5 31	13 41.86	−13 22.3	1.963	2.805	13.8	21.5
48261 2001 XT_{27}			4 24.9 125°.30		0°.1/25.0 18	
3 22	14 40.29	−14 30.3	1.652	2.494	15.1	18.9
4 1	14 33.93	−14 22.4	1.587	2.507	11.2	18.7
4 11	14 25.17	−14 4.3	1.545	2.519	6.8	18.5
4 21	14 14.89	−13 38.6	1.528	2.531	2.0	18.2
5 1	14 4.27	−13 9.1	1.540	2.542	2.9	18.3
5 11	13 54.54	−12 41.3	1.578	2.553	7.6	18.6
5 21	13 46.66	−12 19.9	1.642	2.563	11.7	18.8
5 31	13 41.27	−12 8.6	1.727	2.573	15.3	19.1
210725 2000 SG_{335}			4 24.9 177°.16		3°.5/21.8 18	
3 22	14 36.84	− 5 39.8	2.089	2.939	12.1	21.5
4 1	14 30.94	− 4 37.5	2.017	2.942	8.9	21.3
4 11	14 23.21	− 3 31.6	1.971	2.944	5.6	21.1
4 21	14 14.31	− 2 27.4	1.952	2.946	3.5	20.9
5 1	14 5.13	− 1 30.7	1.962	2.946	5.2	21.0
5 11	13 56.57	− 0 46.6	2.001	2.946	8.4	21.2
5 21	13 49.38	− 0 18.2	2.065	2.945	11.6	21.4
5 31	13 44.10	− 0 6.8	2.150	2.942	14.5	21.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
105557 2000 RZ_{53}			4 24.9 184°.66		2°.8/27.9 18	
	h m	° ′			°	m
3 22	14 33.42	−24 24.8	2.743	3.538	11.1	20.6
4 1	14 28.26	−24 24.1	2.653	3.538	8.7	20.5
4 11	14 21.55	−24 11.0	2.588	3.538	6.1	20.3
4 21	14 13.84	−23 46.2	2.550	3.537	3.6	20.1
5 1	14 5.83	−23 11.3	2.541	3.536	3.0	20.1
5 11	13 58.25	−22 30.0	2.560	3.535	5.1	20.2
5 21	13 51.75	−21 46.2	2.608	3.533	7.7	20.4
5 31	13 46.81	−21 4.3	2.680	3.531	10.3	20.5
141419 2002 BM_{21}			4 24.9 114°.05		2°.9/22.6 18	
3 22	14 38.24	− 2 25.8	2.620	3.459	10.3	20.1
4 1	14 31.56	− 2 24.0	2.555	3.472	7.6	20.0
4 11	14 23.40	− 2 23.6	2.516	3.486	4.9	19.8
4 21	14 14.35	− 2 27.2	2.506	3.499	3.0	19.7
5 1	14 5.12	− 2 36.8	2.526	3.511	4.1	19.8
5 11	13 56.46	− 2 54.1	2.576	3.524	6.7	20.0
5 21	13 48.96	− 3 19.9	2.654	3.536	9.3	20.2
5 31	13 43.06	− 3 54.3	2.756	3.548	11.6	20.4
379650 2011 EU_{23}			4 24.9 230°.75		6°.6/29.5 17	
3 22	14 40.14	−30 34.9	2.005	2.779	15.3	20.9
4 1	14 34.10	−31 25.6	1.913	2.773	12.7	20.7
4 11	14 25.51	−31 58.6	1.842	2.766	9.9	20.5
4 21	14 15.08	−32 10.7	1.796	2.759	7.4	20.3
5 1	14 3.89	−32 1.0	1.777	2.752	6.6	20.2
5 11	13 53.24	−31 32.4	1.784	2.744	8.1	20.3
5 21	13 44.24	−30 50.9	1.816	2.736	10.8	20.5
5 31	13 37.72	−30 3.9	1.871	2.728	13.8	20.6
140866 2001 VZ_{9}			4 24.9 166°.07		1°.6/26.8 18	
3 22	14 32.27	−21 39.5	2.772	3.580	10.6	20.6
4 1	14 27.30	−21 9.0	2.687	3.584	8.1	20.4
4 11	14 20.91	−20 26.7	2.627	3.588	5.3	20.2
4 21	14 13.65	−19 34.4	2.595	3.592	2.5	20.0
5 1	14 6.17	−18 35.1	2.593	3.595	2.1	20.0
5 11	13 59.15	−17 33.3	2.621	3.597	4.8	20.2
5 21	13 53.18	−16 33.2	2.676	3.599	7.7	20.4
5 31	13 48.69	−15 39.1	2.757	3.601	10.2	20.5
452967 2007 DM_{28}			4 24.9 4°.15		0°.6/25.8 18	
3 22	14 26.97	−16 51.4	3.568	4.393	8.1	20.7
4 1	14 23.17	−16 43.3	3.484	4.394	6.1	20.6
4 11	14 18.36	−16 29.2	3.425	4.394	3.8	20.4
4 21	14 12.91	−16 10.4	3.395	4.395	1.4	20.3
5 1	14 7.28	−15 48.6	3.394	4.397	1.5	20.3
5 11	14 1.94	−15 26.2	3.423	4.398	3.8	20.4
5 21	13 57.30	−15 5.5	3.479	4.400	6.1	20.6
5 31	13 53.71	−14 48.5	3.561	4.402	8.2	20.7
36400 2000 OE_{47}			4 24.9 220°.33		0°.3/24.7 18	
3 22	14 35.00	−14 13.2	2.188	3.025	12.0	19.8
4 1	14 29.70	−13 45.3	2.099	3.017	9.0	19.6
4 11	14 22.55	−13 8.2	2.034	3.009	5.4	19.4
4 21	14 14.16	−12 24.6	1.997	3.000	1.5	19.1
5 1	14 5.36	−11 38.5	1.989	2.990	2.6	19.1
5 11	13 57.06	−10 54.8	2.009	2.980	6.5	19.4
5 21	13 50.03	−10 17.7	2.055	2.970	10.1	19.6
5 31	13 44.84	− 9 51.0	2.125	2.958	13.2	19.8
411796 2012 CO_{44}			4 24.9 154°.59		3°.1/27.3 17	
3 22	14 38.58	−22 56.4	1.858	2.672	14.8	21.7
4 1	14 32.66	−22 58.4	1.781	2.678	11.5	21.5
4 11	14 24.44	−22 44.2	1.726	2.684	7.8	21.3
4 21	14 14.72	−22 14.2	1.697	2.690	4.2	21.1
5 1	14 4.58	−21 31.3	1.695	2.694	3.5	21.0
5 11	13 55.17	−20 40.8	1.721	2.699	6.8	21.2
5 21	13 47.45	−19 49.4	1.773	2.702	10.5	21.5
5 31	13 42.07	−19 3.2	1.848	2.706	13.9	21.7
165270 2000 SJ_{255}			4 24.9 220°.10		2°.9/22.8 18	
3 22	14 35.51	− 9 14.1	1.580	2.442	14.6	20.2
4 1	14 30.58	− 8 17.3	1.507	2.438	10.8	19.9
4 11	14 23.28	− 7 12.2	1.456	2.434	6.5	19.6
4 21	14 14.40	− 6 4.6	1.430	2.430	3.0	19.4
5 1	14 5.06	− 5 1.8	1.432	2.426	5.1	19.5
5 11	13 56.45	− 4 11.1	1.459	2.421	9.4	19.8
5 21	13 49.55	− 3 37.2	1.510	2.416	13.6	20.0
5 31	13 45.05	− 3 22.9	1.581	2.411	17.2	20.2
203456 2001 YA_{97}			4 24.9 192°.98		0°.8/25.6 18	
3 22	14 37.74	−18 3.4	1.788	2.621	14.5	21.2
4 1	14 32.08	−17 33.1	1.706	2.620	11.0	20.9
4 11	14 24.13	−16 48.2	1.647	2.618	6.8	20.7
4 21	14 14.64	−15 51.3	1.613	2.615	2.3	20.4
5 1	14 4.69	−14 47.2	1.608	2.611	2.7	20.4
5 11	13 55.44	−13 42.8	1.631	2.607	7.2	20.7
5 21	13 47.84	−12 44.7	1.680	2.602	11.4	20.9
5 31	13 42.57	−11 58.5	1.750	2.597	15.0	21.1

357941 2005 YL_{51} 4 24.9 86°.46 0°.8/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 39.05	−17 24.2	1.388	2.236	17.1	21.5
4 1	14 33.27	−17 0.0	1.334	2.256	12.8	21.2
4 11	14 24.84	−16 20.2	1.302	2.276	7.8	21.0
4 21	14 14.81	−15 28.5	1.293	2.295	2.6	20.7
5 1	14 4.54	−14 31.0	1.311	2.314	3.1	20.8
5 11	13 55.41	−13 35.5	1.355	2.333	8.1	21.2
5 21	13 48.41	−12 49.0	1.423	2.352	12.6	21.5
5 31	13 44.15	−12 16.3	1.511	2.370	16.4	21.8

179334 2001 XC_{13} 4 24.9 211°.45 4°.4/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 34.52	−28 56.1	2.580	3.356	12.2	20.6
4 1	14 29.27	−29 10.0	2.487	3.352	9.9	20.4
4 11	14 22.27	−29 8.9	2.417	3.348	7.4	20.3
4 21	14 14.09	−28 52.2	2.372	3.344	5.2	20.1
5 1	14 5.51	−28 20.8	2.355	3.340	4.4	20.1
5 11	13 57.38	−27 38.3	2.367	3.335	5.9	20.2
5 21	13 50.44	−26 49.2	2.405	3.330	8.3	20.3
5 31	13 45.26	−25 58.9	2.469	3.325	10.9	20.5

276864 2004 RZ_{158} 4 24.9 146°.79 0°.2/24.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 34.62	−15 14.7	2.494	3.323	11.0	21.7
4 1	14 29.06	−14 38.4	2.420	3.335	8.1	21.5
4 11	14 21.98	−13 53.5	2.373	3.346	4.9	21.3
4 21	14 13.97	−13 2.6	2.353	3.356	1.4	21.1
5 1	14 5.76	−12 9.8	2.364	3.366	2.2	21.2
5 11	13 58.10	−11 19.4	2.404	3.375	5.6	21.4
5 21	13 51.62	−10 35.4	2.472	3.383	8.7	21.6
5 31	13 46.76	−10 0.9	2.563	3.391	11.4	21.8

30498 2000 QK_{100} 4 24.9 231°.04 1°.0/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 24.96	− 8 43.7	4.780	5.620	5.9	19.4
4 1	14 21.46	− 8 21.0	4.694	5.615	4.3	19.3
4 11	14 17.25	− 7 56.3	4.635	5.611	2.6	19.2
4 21	14 12.59	− 7 31.2	4.606	5.606	1.1	19.0
5 1	14 7.82	− 7 7.4	4.607	5.601	1.8	19.1
5 11	14 3.24	− 6 46.6	4.638	5.597	3.6	19.2
5 21	13 59.15	− 6 30.2	4.697	5.592	5.3	19.3
5 31	13 55.80	− 6 19.3	4.781	5.587	6.8	19.4

147432 2003 JF_{9} 4 24.9 165°.42 1°.9/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.87	− 8 23.4	2.567	3.414	10.2	20.3
4 1	14 27.05	− 7 51.4	2.491	3.416	7.4	20.1
4 11	14 20.79	− 7 15.7	2.441	3.418	4.5	19.9
4 21	14 13.64	− 6 39.6	2.419	3.419	2.0	19.7
5 1	14 6.26	− 6 6.4	2.427	3.421	3.3	19.8
5 11	13 59.33	− 5 39.7	2.463	3.422	6.2	20.0
5 21	13 53.43	− 5 22.1	2.525	3.423	9.1	20.2
5 31	13 49.02	− 5 15.1	2.610	3.424	11.6	20.4

296829 2009 WJ_{40} 4 24.9 199°.26 0°.4/24.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 35.89	−13 42.2	2.343	3.177	11.5	21.9
4 1	14 30.22	−13 20.8	2.256	3.173	8.5	21.7
4 11	14 22.81	−12 51.5	2.195	3.169	5.1	21.4
4 21	14 14.25	−12 16.8	2.161	3.164	1.4	21.2
5 1	14 5.33	−11 40.1	2.157	3.158	2.4	21.2
5 11	13 56.90	−11 5.5	2.182	3.152	6.1	21.5
5 21	13 49.68	−10 36.8	2.233	3.145	9.5	21.7
5 31	13 44.22	−10 17.1	2.309	3.138	12.5	21.8

501090 2013 SY_{71} 4 24.9 233°.98 5°.0/19.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.45	− 2 32.0	2.057	2.916	11.9	22.1
4 1	14 28.60	− 1 3.8	1.977	2.904	8.9	21.9
4 11	14 21.91	+ 0 27.4	1.921	2.891	6.2	21.7
4 21	14 14.00	+ 1 54.8	1.894	2.878	5.0	21.6
5 1	14 5.70	+ 3 11.2	1.895	2.864	6.7	21.7
5 11	13 57.91	+ 4 10.7	1.923	2.850	9.8	21.8
5 21	13 51.38	+ 4 49.7	1.974	2.835	12.9	22.0
5 31	13 46.69	+ 5 7.1	2.046	2.820	15.7	22.2

239486 2007 UT_{95} 4 24.9 221°.05 0°.1/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.79	−14 44.2	2.264	3.101	11.7	21.5
4 1	14 28.74	−14 25.2	2.179	3.096	8.7	21.3
4 11	14 21.95	−13 57.6	2.117	3.091	5.3	21.1
4 21	14 14.01	−13 23.6	2.084	3.086	1.5	20.8
5 1	14 5.71	−12 46.8	2.078	3.081	2.3	20.9
5 11	13 57.89	−12 11.3	2.102	3.075	6.1	21.1
5 21	13 51.29	−11 41.2	2.152	3.069	9.5	21.3
5 31	13 46.44	−11 19.7	2.225	3.063	12.5	21.5

307459 2002 VB_{81} 4 24.9 73°.75 5°.7/20.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 35.16	+ 2 58.1	2.067	2.921	12.0	20.0
4 1	14 29.55	+ 3 41.5	2.021	2.941	9.2	19.9
4 11	14 22.28	+ 4 19.4	2.000	2.960	6.7	19.8
4 21	14 14.06	+ 4 47.0	2.005	2.980	5.7	19.7
5 1	14 5.73	+ 5 0.2	2.037	2.999	7.0	19.8
5 11	13 58.13	+ 4 56.6	2.096	3.018	9.4	20.0
5 21	13 51.91	+ 4 36.3	2.179	3.037	12.0	20.2
5 31	13 47.51	+ 4 0.3	2.282	3.056	14.3	20.4

364713 2007 VH_{45} 4 24.9 171°.22 3°.0/27.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 37.20	−23 11.0	1.732	2.552	15.5	22.1
4 1	14 31.80	−22 58.3	1.653	2.554	12.1	21.9
4 11	14 24.01	−22 27.1	1.596	2.556	8.1	21.6
4 21	14 14.64	−21 38.5	1.564	2.558	4.2	21.4
5 1	14 4.80	−20 36.3	1.559	2.559	3.5	21.3
5 11	13 55.73	−19 27.3	1.581	2.560	7.1	21.6
5 21	13 48.41	−18 19.4	1.628	2.560	11.1	21.8
5 31	13 43.53	−17 19.4	1.698	2.560	14.7	22.0

406831 2008 YA_{117} 4 24.9 216°.73 4°.0/22.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 37.67	− 5 31.9	1.637	2.497	14.3	21.9
4 1	14 32.13	− 4 42.3	1.562	2.492	10.6	21.6
4 11	14 24.21	− 3 48.7	1.510	2.486	6.7	21.4
4 21	14 14.70	− 2 57.1	1.484	2.479	4.1	21.2
5 1	14 4.70	− 2 14.0	1.484	2.472	5.9	21.3
5 11	13 55.39	− 1 45.3	1.511	2.465	9.9	21.5
5 21	13 47.78	− 1 34.3	1.562	2.457	13.9	21.7
5 31	13 42.56	− 1 42.3	1.632	2.448	17.3	21.9

219647 2001 UE_{114} 4 24.9 217°.85 0°.8/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 36.40	−12 20.4	2.127	2.967	12.2	21.2
4 1	14 30.79	−11 58.1	2.039	2.959	9.1	21.0
4 11	14 23.25	−11 28.3	1.975	2.951	5.4	20.8
4 21	14 14.41	−10 53.6	1.939	2.942	1.6	20.5
5 1	14 5.13	−10 18.0	1.932	2.933	2.9	20.6
5 11	13 56.36	− 9 46.0	1.954	2.923	6.8	20.8
5 21	13 48.91	− 9 21.4	2.001	2.912	10.5	21.0
5 31	13 43.37	− 9 7.4	2.072	2.901	13.7	21.2

280941 2006 BM_{96} 4 24.9 235°.49 3°.2/22.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 32.69	− 7 9.2	1.915	2.774	12.5	21.1
4 1	14 28.10	− 6 11.2	1.842	2.772	9.2	20.9
4 11	14 21.62	− 5 8.2	1.793	2.770	5.7	20.6
4 21	14 13.93	− 4 5.5	1.771	2.768	3.2	20.5
5 1	14 5.89	− 3 9.2	1.777	2.766	5.0	20.6
5 11	13 58.47	− 2 24.8	1.810	2.764	8.5	20.8
5 21	13 52.41	− 1 56.0	1.867	2.762	11.9	21.0
5 31	13 48.29	− 1 44.5	1.945	2.759	15.0	21.2

213407 2001 WQ_{23} 4 24.9 170°.99 0°.1/24.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 32.77	−14 45.4	2.519	3.353	10.8	21.7
4 1	14 27.78	−14 23.6	2.438	3.355	8.0	21.5
4 11	14 21.28	−13 54.1	2.383	3.356	4.8	21.3
4 21	14 13.81	−13 19.0	2.355	3.358	1.4	21.1
5 1	14 6.07	−12 41.6	2.357	3.359	2.1	21.1
5 11	13 58.80	−12 5.7	2.387	3.360	5.5	21.4
5 21	13 52.62	−11 34.9	2.445	3.360	8.6	21.6
5 31	13 48.01	−11 12.1	2.526	3.361	11.3	21.7

119785 2002 AM_{57} 4 24.9 2°.75 2°.8/22.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 30.47	− 7 37.8	2.001	2.862	12.0	19.0
4 1	14 26.39	− 6 50.3	1.930	2.862	8.8	18.8
4 11	14 20.55	− 5 58.3	1.884	2.862	5.4	18.6
4 21	14 13.61	− 5 6.4	1.864	2.862	2.8	18.4
5 1	14 6.37	− 4 20.0	1.871	2.863	4.4	18.5
5 11	13 59.70	− 3 43.7	1.906	2.864	7.8	18.7
5 21	13 54.30	− 3 20.9	1.965	2.866	11.2	18.9
5 31	13 50.70	− 3 13.3	2.045	2.868	14.1	19.1

498811 2008 UZ_{325} 4 24.9 159°.82 3°.6/28.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 35.68	−26 25.1	2.390	3.180	12.6	21.7
4 1	14 30.13	−26 24.8	2.307	3.186	10.1	21.5
4 11	14 22.78	−26 9.1	2.246	3.191	7.2	21.3
4 21	14 14.26	−25 38.3	2.212	3.195	4.5	21.1
5 1	14 5.42	−24 54.5	2.206	3.199	3.7	21.1
5 11	13 57.14	−24 1.9	2.229	3.203	5.8	21.2
5 21	13 50.16	−23 6.0	2.279	3.206	8.6	21.4
5 31	13 45.05	−22 12.0	2.354	3.209	11.4	21.6

162647 2000 SM_{216} 4 24.9 230°.60 3°.6/22.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 36.68	− 6 29.5	1.791	2.647	13.4	20.6
4 1	14 31.29	− 5 33.0	1.708	2.636	10.0	20.3
4 11	14 23.68	− 4 30.9	1.648	2.624	6.3	20.1
4 21	14 14.56	− 3 28.9	1.616	2.612	3.7	19.9
5 1	14 4.93	− 2 33.7	1.611	2.599	5.5	20.0
5 11	13 55.89	− 1 51.3	1.633	2.585	9.4	20.1
5 21	13 48.36	− 1 26.0	1.679	2.571	13.2	20.3
5 31	13 43.04	− 1 19.5	1.746	2.556	16.6	20.5

436702 2011 TZ_{1} 4 24.9 238°.17 0°.2/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.76	−14 57.8	2.927	3.756	9.6	21.6
4 1	14 26.95	−14 18.5	2.825	3.739	7.1	21.4
4 11	14 20.76	−13 30.9	2.749	3.722	4.3	21.2
4 21	14 13.68	−12 37.5	2.702	3.705	1.2	21.0
5 1	14 6.28	−11 41.5	2.685	3.686	2.0	21.0
5 11	13 59.21	−10 47.1	2.698	3.668	5.2	21.2
5 21	13 53.03	− 9 57.8	2.739	3.648	8.1	21.4
5 31	13 48.20	− 9 16.9	2.805	3.629	10.6	21.5

42396 6213 *P–L* 4 24.9 112°.74 0°.5/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 37.51	−16 59.1	1.641	2.482	15.2	19.8
4 1	14 31.88	−16 27.3	1.577	2.496	11.3	19.6
4 11	14 23.96	−15 41.7	1.536	2.510	6.9	19.3
4 21	14 14.60	−14 45.9	1.521	2.523	2.2	19.1
5 1	14 4.97	−13 45.3	1.533	2.536	2.8	19.1
5 11	13 56.23	−12 47.0	1.572	2.549	7.4	19.5
5 21	13 49.30	−11 57.2	1.637	2.561	11.6	19.7
5 31	13 44.76	−11 20.5	1.723	2.572	15.1	20.0

458765 2011 SM_{49} 4 24.9 115°.26 0°.8/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 39.28	−17 24.3	1.604	2.443	15.6	22.7
4 1	14 33.23	−17 1.7	1.542	2.459	11.7	22.5
4 11	14 24.78	−16 25.1	1.502	2.475	7.2	22.3
4 21	14 14.85	−15 37.4	1.488	2.490	2.4	22.0
5 1	14 4.63	−14 43.8	1.502	2.505	2.8	22.1
5 11	13 55.36	−13 51.1	1.542	2.519	7.5	22.4
5 21	13 48.00	−13 5.7	1.607	2.532	11.7	22.7
5 31	13 43.14	−12 32.1	1.694	2.545	15.3	22.9

432626 2010 VP_{82} 4 24.9 212°.90 0°.2/24.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 37.18	−14 39.1	2.011	2.848	13.0	22.2
4 1	14 31.49	−14 15.8	1.923	2.841	9.7	21.9
4 11	14 23.74	−13 42.5	1.859	2.833	5.9	21.7
4 21	14 14.58	−13 1.7	1.822	2.825	1.7	21.4
5 1	14 4.95	−12 17.5	1.814	2.816	2.7	21.4
5 11	13 55.88	−11 35.1	1.834	2.807	6.9	21.7
5 21	13 48.22	−10 59.3	1.880	2.796	10.8	21.9
5 31	13 42.62	−10 34.0	1.949	2.786	14.1	22.1

92387 2000 HA_{93} 4 24.9 268°.53 0°.2/24.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 37.71	−14 16.9	1.445	2.300	16.2	20.7
4 1	14 32.68	−14 5.8	1.361	2.288	12.2	20.4
4 11	14 24.83	−13 42.8	1.299	2.276	7.4	20.1
4 21	14 14.97	−13 10.5	1.261	2.264	2.2	19.7
5 1	14 4.33	−12 33.7	1.249	2.252	3.4	19.8
5 11	13 54.38	−11 58.8	1.262	2.239	8.7	20.1
5 21	13 46.34	−11 32.1	1.299	2.227	13.7	20.3
5 31	13 41.07	−11 18.3	1.356	2.214	17.9	20.5

294378 2007 VU_{132} 4 24.9 54°.09 0°.5/25.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.28	−16 14.3	2.023	2.862	12.8	21.1
4 1	14 28.51	−15 57.0	1.948	2.866	9.6	20.9
4 11	14 21.87	−15 29.3	1.896	2.870	5.9	20.6
4 21	14 14.02	−14 53.6	1.871	2.873	1.9	20.4
5 1	14 5.84	−14 13.7	1.874	2.877	2.4	20.4
5 11	13 58.27	−13 34.5	1.904	2.881	6.3	20.7
5 21	13 52.06	−13 0.4	1.961	2.885	10.0	20.9
5 31	13 47.77	−12 35.3	2.040	2.889	13.1	21.1

507480 2012 TF_{289} 4 24.9 179°.05 3°.9/28.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 35.22	−26 46.7	2.397	3.186	12.6	22.5
4 1	14 29.86	−26 54.8	2.309	3.187	10.1	22.3
4 11	14 22.66	−26 47.7	2.245	3.187	7.3	22.1
4 21	14 14.26	−26 25.4	2.207	3.187	4.7	21.9
5 1	14 5.48	−25 49.5	2.197	3.187	4.0	21.9
5 11	13 57.21	−25 3.9	2.215	3.187	5.9	22.0
5 21	13 50.23	−24 13.6	2.260	3.187	8.7	22.2
5 31	13 45.10	−23 24.2	2.329	3.186	11.4	22.4

380136 1999 RQ_{58} 4 24.9 200°.98 5°.2/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 37.72	−31 19.6	2.560	3.318	12.7	21.5
4 1	14 31.74	−31 38.9	2.464	3.314	10.5	21.3
4 11	14 23.84	−31 41.7	2.390	3.309	8.1	21.2
4 21	14 14.63	−31 26.7	2.341	3.303	6.0	21.0
5 1	14 4.95	−30 54.4	2.321	3.297	5.2	20.9
5 11	13 55.75	−30 8.3	2.329	3.291	6.4	21.0
5 21	13 47.83	−29 13.3	2.364	3.283	8.7	21.1
5 31	13 41.82	−28 15.4	2.424	3.275	11.2	21.3

417619 2006 WE_{127} 4 24.9 116°.52 5°.8/30.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 37.92	−31 37.7	1.956	2.731	15.6	21.3
4 1	14 32.19	−31 46.8	1.883	2.744	12.8	21.1
4 11	14 24.18	−31 34.1	1.830	2.756	9.8	21.0
4 21	14 14.71	−30 58.6	1.802	2.769	7.0	20.8
5 1	14 4.89	−30 2.3	1.800	2.781	5.9	20.8
5 11	13 55.89	−28 51.0	1.825	2.793	7.3	20.9
5 21	13 48.64	−27 32.5	1.875	2.804	10.1	21.1
5 31	13 43.74	−26 14.7	1.950	2.815	13.0	21.3

329265 1999 QZ 4 24.9 175°.33 0°.3/25.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 37.55	−16 14.2	2.031	2.863	13.1	22.8
4 1	14 31.67	−15 48.6	1.952	2.866	9.8	22.6
4 11	14 23.78	−15 11.9	1.896	2.868	6.0	22.3
4 21	14 14.60	−14 26.7	1.868	2.870	1.8	22.1
5 1	14 5.05	−13 37.0	1.868	2.871	2.5	22.1
5 11	13 56.15	−12 48.3	1.897	2.871	6.6	22.4
5 21	13 48.70	−12 5.5	1.953	2.871	10.3	22.6
5 31	13 43.30	−11 32.9	2.031	2.869	13.6	22.8

289301 2005 AM_3 4 24.9 113°.98 2°.2/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 38.26	−10 9.5	1.706	2.557	14.2	21.4
4 1	14 32.23	− 9 20.8	1.649	2.576	10.4	21.2
4 11	14 24.08	− 8 25.1	1.617	2.594	6.2	21.0
4 21	14 14.66	− 7 27.5	1.611	2.612	2.5	20.8
5 1	14 5.05	− 6 34.2	1.633	2.629	4.2	20.9
5 11	13 56.34	− 5 50.9	1.682	2.645	8.3	21.2
5 21	13 49.35	− 5 21.6	1.756	2.661	12.0	21.5
5 31	13 44.64	− 5 8.4	1.851	2.676	15.2	21.7

308465 2005 SF_{289} 4 24.9 214°.59 0°.7/24.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 31.70	−12 26.0	2.750	3.587	9.9	22.0
4 1	14 26.93	−11 57.2	2.662	3.582	7.3	21.8
4 11	14 20.77	−11 22.2	2.600	3.576	4.3	21.6
4 21	14 13.71	−10 43.5	2.567	3.570	1.3	21.4
5 1	14 6.38	−10 4.4	2.563	3.563	2.3	21.5
5 11	13 59.44	− 9 28.4	2.588	3.556	5.5	21.7
5 21	13 53.45	− 8 58.7	2.641	3.549	8.4	21.8
5 31	13 48.87	− 8 37.7	2.718	3.542	10.9	22.0

312130 2007 TH_{263} 4 24.9 74°.23 0°.4/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 37.65	−13 50.9	1.442	2.298	16.1	20.8
4 1	14 32.28	−13 35.1	1.382	2.309	12.0	20.5
4 11	14 24.35	−13 8.5	1.342	2.320	7.2	20.3
4 21	14 14.78	−12 34.3	1.328	2.331	2.0	20.0
5 1	14 4.85	−11 57.8	1.339	2.342	3.3	20.1
5 11	13 55.87	−11 25.3	1.377	2.353	8.3	20.4
5 21	13 48.87	−11 2.0	1.438	2.364	12.7	20.7
5 31	13 44.50	−10 51.5	1.519	2.375	16.5	21.0

96501 1998 KU_{57} 4 24.9 354°.87 2°.5/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 32.88	−10 47.9	1.313	2.187	16.3	19.0
4 1	14 29.02	− 9 54.9	1.247	2.184	12.0	18.7
4 11	14 22.53	− 8 50.9	1.201	2.183	7.2	18.4
4 21	14 14.29	− 7 42.4	1.179	2.181	2.8	18.1
5 1	14 5.54	− 6 37.7	1.183	2.181	5.0	18.3
5 11	13 57.66	− 5 45.2	1.210	2.180	9.9	18.6
5 21	13 51.71	− 5 10.8	1.260	2.181	14.6	18.8
5 31	13 48.41	− 4 57.5	1.328	2.181	18.5	19.1

80943 2000 DX_{89} 4 25.0 301°.86 6°.3/28.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 36.02	−27 25.2	1.529	2.343	17.5	19.2
4 1	14 31.81	−28 1.3	1.427	2.317	14.4	18.9
4 11	14 24.58	−28 17.4	1.345	2.291	10.8	18.6
4 21	14 15.01	−28 10.1	1.285	2.266	7.4	18.4
5 1	14 4.30	−27 38.6	1.250	2.240	6.4	18.2
5 11	13 54.03	−26 47.3	1.239	2.215	9.0	18.3
5 21	13 45.61	−25 44.4	1.251	2.190	13.2	18.5
5 31	13 40.14	−24 39.8	1.284	2.165	17.3	18.6

346812 2009 CK_{40} 4 25.0 154°.31 4°.3/28.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 35.77	−26 35.6	2.194	2.988	13.5	21.0
4 1	14 30.45	−26 55.2	2.109	2.989	10.8	20.8
4 11	14 23.12	−26 59.3	2.047	2.990	7.9	20.6
4 21	14 14.44	−26 47.2	2.011	2.991	5.2	20.4
5 1	14 5.33	−26 20.3	2.002	2.993	4.4	20.4
5 11	13 56.77	−25 42.4	2.021	2.994	6.4	20.5
5 21	13 49.61	−24 58.8	2.066	2.994	9.3	20.7
5 31	13 44.47	−24 15.3	2.135	2.995	12.2	20.9

184977 2006 BQ_{110} 4 25.0 295°.26 2°.9/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 25.69	+ 0 21.3	4.100	4.950	6.6	19.8
4 1	14 22.13	+ 0 57.5	4.017	4.937	5.0	19.7
4 11	14 17.75	+ 1 32.6	3.961	4.925	3.5	19.6
4 21	14 12.83	+ 2 4.1	3.934	4.913	2.9	19.5
5 1	14 7.76	+ 2 29.7	3.936	4.901	3.8	19.6
5 11	14 2.91	+ 2 47.4	3.966	4.889	5.3	19.7
5 21	13 58.62	+ 2 56.2	4.022	4.877	7.0	19.8
5 31	13 55.19	+ 2 55.3	4.102	4.864	8.6	19.9

259284 2003 ER_6 4 25.0 74°.57 0°.7/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 35.84	−14 28.0	1.633	2.484	14.8	20.6
4 1	14 30.53	−13 43.3	1.581	2.506	10.9	20.4
4 11	14 23.08	−12 47.5	1.552	2.529	6.4	20.2
4 21	14 14.39	−11 45.3	1.548	2.551	1.8	19.9
5 1	14 5.54	−10 42.9	1.572	2.574	3.2	20.1
5 11	13 57.63	− 9 47.2	1.623	2.596	7.6	20.4
5 21	13 51.46	− 9 3.2	1.698	2.618	11.5	20.6
5 31	13 47.56	− 8 34.3	1.795	2.639	14.8	20.9

457732 2009 GT_3 4 25.0 340°.62 1°.7/25.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 34.17	−15 51.2	1.135	2.006	18.5	20.0
4 1	14 30.69	−16 18.4	1.060	1.993	14.1	19.7
4 11	14 23.96	−16 33.5	1.004	1.981	9.0	19.4
4 21	14 14.82	−16 36.7	0.969	1.971	3.4	19.0
5 1	14 4.72	−16 30.8	0.958	1.962	3.6	19.0
5 11	13 55.40	−16 21.3	0.969	1.954	9.4	19.3
5 21	13 48.34	−16 14.4	1.001	1.947	14.9	19.6
5 31	13 44.55	−16 16.2	1.052	1.942	19.6	19.8