354828 2005 XG_2 4 30.9 288°.47 1°.8/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	15 0.53	− 9 40.0	2.305	3.096	13.0	20.7
4 1	14 56.47	− 9 39.4	2.194	3.075	10.4	20.5
4 11	14 50.30	− 9 35.7	2.105	3.055	7.3	20.3
4 21	14 42.43	− 9 30.6	2.043	3.034	3.9	20.0
5 1	14 33.53	− 9 26.6	2.008	3.013	1.9	19.8
5 11	14 24.47	− 9 26.4	2.003	2.992	4.8	20.0
5 21	14 16.09	− 9 32.5	2.025	2.971	8.4	20.2
5 31	14 9.17	− 9 46.8	2.072	2.950	11.8	20.3

328265 2008 GE_{23} 4 30.9 255°.03 3°.8/28.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.66	− 8 52.7	1.815	2.626	15.2	21.3
4 1	14 55.43	− 7 56.2	1.722	2.615	12.1	21.1
4 11	14 49.77	− 6 51.9	1.651	2.605	8.5	20.9
4 21	14 42.19	− 5 44.5	1.604	2.593	5.0	20.6
5 1	14 33.53	− 4 40.3	1.585	2.582	4.0	20.5
5 11	14 24.84	− 3 45.9	1.592	2.570	7.1	20.7
5 21	14 17.11	− 3 6.5	1.624	2.559	11.0	20.9
5 31	14 11.19	− 2 45.6	1.679	2.547	14.6	21.1

278616 2008 QQ_9 4 30.9 179°.33 3°.4/27.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.74	− 6 49.7	2.497	3.291	12.0	21.3
4 1	14 54.60	− 5 54.9	2.409	3.293	9.5	21.1
4 11	14 48.68	− 4 56.1	2.346	3.294	6.7	20.9
4 21	14 41.45	− 3 57.3	2.310	3.294	4.2	20.8
5 1	14 33.53	− 3 3.0	2.302	3.294	3.7	20.7
5 11	14 25.69	− 2 17.6	2.323	3.294	5.8	20.9
5 21	14 18.60	− 1 44.2	2.372	3.292	8.7	21.1
5 31	14 12.84	− 1 25.0	2.445	3.290	11.3	21.2

57349 2001 QC_{282} 4 30.9 183°.07 5°.5/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 3.12	− 0 12.9	2.182	2.977	13.5	19.3
4 1	14 58.31	+ 0 26.0	2.099	2.978	10.9	19.2
4 11	14 51.40	+ 1 3.5	2.039	2.978	8.2	19.0
4 21	14 42.89	+ 1 34.9	2.005	2.978	5.9	18.8
5 1	14 33.55	+ 1 55.6	1.999	2.977	5.7	18.8
5 11	14 24.29	+ 2 2.0	2.020	2.975	7.7	18.9
5 21	14 15.94	+ 1 52.4	2.068	2.973	10.5	19.1
5 31	14 9.19	+ 1 26.6	2.139	2.971	13.2	19.3

392628 2011 UH_{41} 5 1.0 158°.33 0°.3/30.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 52.62	−16 27.4	2.526	3.400	9.5	21.6
4 11	14 47.32	−15 44.8	2.457	3.403	6.6	21.4
4 21	14 40.76	−14 55.1	2.415	3.406	3.3	21.2
5 1	14 33.56	−14 1.4	2.401	3.408	0.3	20.9
5 11	14 26.43	−13 7.8	2.416	3.411	3.5	21.2
5 21	14 20.02	−12 18.2	2.460	3.413	6.8	21.4
5 31	14 14.88	−11 36.2	2.530	3.415	9.7	21.6
6 10	14 11.40	−11 4.3	2.622	3.417	12.1	21.8

22864 1999 RO_{161} 5 1.0 283°.12 0°.9/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 53.44	−13 54.8	2.258	3.139	10.2	17.9
4 11	14 48.14	−13 25.0	2.172	3.122	7.1	17.7
4 21	14 41.30	−12 49.2	2.112	3.104	3.6	17.4
5 1	14 33.57	−12 10.4	2.080	3.087	0.9	17.2
5 11	14 25.75	−11 32.6	2.076	3.069	4.2	17.4
5 21	14 18.63	−10 59.5	2.100	3.052	7.8	17.6
5 31	14 12.89	−10 34.8	2.149	3.034	11.1	17.8
6 10	14 9.02	−10 20.9	2.219	3.016	13.9	17.9

62139 2000 SB_{12} 5 1.0 287°.78 1°.1/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.32	−19 0.3	1.713	2.589	13.1	19.6
4 11	14 51.42	−18 51.8	1.620	2.564	9.5	19.3
4 21	14 43.23	−18 31.6	1.550	2.539	5.2	19.0
5 1	14 33.57	−18 1.4	1.506	2.513	1.2	18.7
5 11	14 23.59	−17 24.8	1.489	2.487	4.7	18.8
5 21	14 14.48	−16 47.3	1.499	2.461	9.4	19.1
5 31	14 7.30	−16 14.5	1.532	2.435	13.7	19.2
6 10	14 2.75	−15 51.6	1.584	2.409	17.4	19.4

38310 1999 RH_{105} 5 1.0 252°.08 0°.2/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.20	−15 44.3	1.926	2.805	11.7	18.5
4 11	14 50.21	−15 26.8	1.851	2.799	8.2	18.2
4 21	14 42.41	−15 1.6	1.801	2.792	4.2	18.0
5 1	14 33.57	−14 31.4	1.778	2.785	0.2	17.6
5 11	14 24.70	−14 0.3	1.783	2.778	4.4	18.0
5 21	14 16.74	−13 32.4	1.815	2.771	8.4	18.2
5 31	14 10.48	−13 11.9	1.871	2.764	12.1	18.4
6 10	14 6.44	−13 1.6	1.948	2.757	15.2	18.6

18268 Dardanos 5 1.0 260°.46 0°.2/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 46.75	−16 6.6	4.441	5.309	5.8	19.2
4 11	14 42.92	−15 32.0	4.359	5.302	4.0	19.1
4 21	14 38.42	−14 53.5	4.305	5.295	2.0	18.9
5 1	14 33.58	−14 12.8	4.281	5.289	0.2	18.7
5 11	14 28.75	−13 31.9	4.288	5.282	2.2	18.9
5 21	14 24.27	−12 52.9	4.324	5.275	4.2	19.1
5 31	14 20.45	−12 17.8	4.387	5.268	6.0	19.2
6 10	14 17.53	−11 48.0	4.475	5.261	7.6	19.3

144966 2005 EA_{90} 5 1.0 293°.93 4°.2/28.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 57.05	− 7 13.7	1.437	2.335	13.7	19.5
4 11	14 51.35	− 6 31.0	1.359	2.314	9.8	19.2
4 21	14 43.22	− 5 46.4	1.303	2.293	5.7	18.9
5 1	14 33.58	− 5 6.0	1.273	2.272	4.4	18.8
5 11	14 23.71	− 4 36.5	1.268	2.251	7.9	18.9
5 21	14 14.88	− 4 23.0	1.287	2.230	12.5	19.1
5 31	14 8.19	− 4 28.6	1.327	2.209	16.8	19.3
6 10	14 4.33	− 4 54.0	1.384	2.189	20.5	19.5

96295 1996 JF_7 5 1.0 339°.96 1°.1/29.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 47.40	−10 53.4	3.924	4.803	6.3	19.4
4 11	14 43.43	−10 28.7	3.851	4.800	4.3	19.2
4 21	14 38.70	−10 2.4	3.806	4.797	2.2	19.1
5 1	14 33.58	− 9 36.2	3.790	4.794	1.1	19.0
5 11	14 28.48	− 9 12.3	3.804	4.791	2.9	19.1
5 21	14 23.77	− 8 52.3	3.847	4.789	4.9	19.2
5 31	14 19.80	− 8 37.9	3.916	4.786	6.9	19.4
6 10	14 16.83	− 8 30.2	4.008	4.784	8.6	19.5

499488 2010 LY_{67} 5 1.0 349°.94 3°.7/28.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 51.54	−11 31.6	0.975	1.894	16.6	20.7
4 11	14 47.97	−10 22.6	0.919	1.886	11.5	20.4
4 21	14 41.58	− 9 3.8	0.883	1.879	6.2	20.1
5 1	14 33.58	− 7 45.0	0.869	1.873	3.9	19.9
5 11	14 25.59	− 6 37.4	0.877	1.869	8.6	20.2
5 21	14 19.13	− 5 50.3	0.906	1.866	14.1	20.4
5 31	14 15.35	− 5 29.1	0.952	1.865	19.1	20.7
6 10	14 14.85	− 5 34.5	1.014	1.865	23.2	21.0

370779 2004 SO_{16} 5 1.0 70°.67 13°.6/15.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.19	+19 53.6	1.751	2.591	14.6	19.7
4 11	14 49.31	+22 38.3	1.752	2.615	13.7	19.7
4 21	14 41.79	+24 53.7	1.777	2.640	13.7	19.7
5 1	14 33.59	+26 31.5	1.825	2.664	14.5	19.9
5 11	14 25.72	+27 28.4	1.893	2.688	15.9	20.0
5 21	14 19.07	+27 46.2	1.979	2.712	17.3	20.2
5 31	14 14.26	+27 29.4	2.079	2.736	18.6	20.3
6 10	14 11.64	+26 44.8	2.191	2.759	19.7	20.5

283511 2001 TZ_{13} 5 1.0 194°.62 2°.2/28.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 53.93	− 8 7.2	2.800	3.679	8.5	21.5
4 11	14 48.14	− 7 33.8	2.728	3.676	5.9	21.4
4 21	14 41.17	− 6 59.4	2.684	3.673	3.3	21.2
5 1	14 33.59	− 6 27.1	2.670	3.669	2.4	21.1
5 11	14 26.04	− 5 59.9	2.685	3.665	4.5	21.3
5 21	14 19.10	− 5 40.2	2.729	3.661	7.2	21.4
5 31	14 13.31	− 5 30.1	2.798	3.656	9.7	21.6
6 10	14 9.04	− 5 30.4	2.889	3.650	11.9	21.7

293925 2007 SF_{23} 5 1.0 343°.11 1°.9/ 2.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.05	−22 17.7	1.279	2.164	16.0	19.9
4 11	14 50.07	−21 37.7	1.213	2.160	11.6	19.6
4 21	14 42.55	−20 37.2	1.168	2.156	6.6	19.3
5 1	14 33.59	−19 20.1	1.147	2.153	2.0	19.0
5 11	14 24.67	−17 54.6	1.151	2.150	5.3	19.2
5 21	14 17.15	−16 30.4	1.179	2.148	10.5	19.5
5 31	14 12.07	−15 17.1	1.228	2.146	15.2	19.7
6 10	14 10.01	−14 21.2	1.296	2.145	19.2	20.0

423883 2006 RO_{91} 5 1.0 250°.75 0°.9/ 1.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.78	−18 54.7	1.853	2.724	12.5	22.4
4 11	14 52.24	−18 39.1	1.764	2.706	9.0	22.1
4 21	14 43.57	−18 12.2	1.699	2.687	4.9	21.8
5 1	14 33.60	−17 35.9	1.661	2.668	1.0	21.5
5 11	14 23.43	−16 54.1	1.652	2.649	4.4	21.7
5 21	14 14.16	−16 12.1	1.669	2.628	8.8	21.9
5 31	14 6.73	−15 35.4	1.711	2.608	12.9	22.1
6 10	14 1.78	−15 8.5	1.774	2.586	16.3	22.3

251444 2008 CN_{60} 5 1.0 172°.34 6°.3/25.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.81	+ 0 27.4	1.957	2.841	11.3	21.5
4 11	14 50.42	+ 1 46.3	1.905	2.845	8.6	21.4
4 21	14 42.42	+ 2 59.7	1.878	2.847	6.5	21.2
5 1	14 33.60	+ 4 0.7	1.878	2.850	6.6	21.2
5 11	14 24.92	+ 4 44.1	1.906	2.851	8.8	21.4
5 21	14 17.20	+ 5 6.9	1.959	2.852	11.6	21.5
5 31	14 11.13	+ 5 8.3	2.034	2.853	14.3	21.7
6 10	14 7.15	+ 4 50.0	2.127	2.852	16.6	21.9

58652 1997 WD_{43} 5 1.0 55°.86 1°.6/ 2.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.80	−23 7.5	1.412	2.286	15.5	18.0
4 11	14 51.31	−22 2.9	1.379	2.320	11.0	17.8
4 21	14 42.84	−20 41.0	1.368	2.355	6.1	17.6
5 1	14 33.60	−19 7.7	1.384	2.390	1.7	17.4
5 11	14 24.92	−17 32.1	1.426	2.424	4.7	17.7
5 21	14 17.84	−16 3.1	1.494	2.459	9.1	18.0
5 31	14 13.06	−14 47.9	1.585	2.493	13.0	18.3
6 10	14 10.88	−13 50.6	1.697	2.527	16.2	18.6

153680 2001 TW_{208} 5 1.0 113°.43 1°.8/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 58.33	−11 13.3	2.009	2.890	11.3	20.8
4 11	14 51.37	−10 42.8	1.961	2.910	7.7	20.6
4 21	14 42.85	−10 9.0	1.938	2.929	4.0	20.4
5 1	14 33.61	− 9 35.6	1.943	2.947	1.9	20.3
5 11	14 24.60	− 9 6.7	1.977	2.965	4.9	20.6
5 21	14 16.63	− 8 45.7	2.038	2.983	8.5	20.8
5 31	14 10.38	− 8 35.0	2.124	3.000	11.6	21.0
6 10	14 6.22	− 8 36.0	2.231	3.016	14.3	21.2

144624 2004 FP_{68} 5 1.0 321°.65 2°.0/29.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 53.42	−11 13.2	1.799	2.692	11.7	19.6
4 11	14 48.40	−10 42.2	1.722	2.677	8.1	19.4
4 21	14 41.54	−10 6.7	1.670	2.662	4.3	19.1
5 1	14 33.62	− 9 30.7	1.644	2.648	2.1	18.9
5 11	14 25.61	− 8 59.2	1.644	2.635	5.5	19.1
5 21	14 18.46	− 8 36.4	1.671	2.622	9.5	19.3
5 31	14 13.00	− 8 25.8	1.720	2.609	13.2	19.5
6 10	14 9.77	− 8 29.0	1.789	2.597	16.4	19.7

319895 2006 WJ_{187} 5 1.0 294°.40 5°.3/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 54.72	− 0 15.7	2.096	2.982	10.6	20.5
4 11	14 49.02	+ 0 20.9	2.027	2.970	7.9	20.3
4 21	14 41.76	+ 0 52.2	1.984	2.959	5.7	20.1
5 1	14 33.63	+ 1 13.6	1.967	2.948	5.5	20.1
5 11	14 25.47	+ 1 21.3	1.977	2.936	7.5	20.2
5 21	14 18.11	+ 1 13.3	2.013	2.925	10.4	20.3
5 31	14 12.23	+ 0 48.9	2.072	2.914	13.2	20.5
6 10	14 8.29	+ 0 9.1	2.151	2.903	15.7	20.6

118236 1997 EO_{26} 5 1.0 289°.31 1°.8/ 2.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 54.65	−21 25.8	2.239	3.102	11.0	20.2
4 11	14 49.07	−21 23.6	2.154	3.089	8.0	20.0
4 21	14 41.84	−21 11.1	2.093	3.076	4.7	19.7
5 1	14 33.63	−20 49.2	2.059	3.063	1.9	19.5
5 11	14 25.33	−20 20.9	2.054	3.051	3.7	19.6
5 21	14 17.77	−19 49.6	2.076	3.038	7.2	19.8
5 31	14 11.70	−19 19.9	2.124	3.025	10.5	20.0
6 10	14 7.62	−18 55.7	2.193	3.013	13.4	20.2

47963 2000 SO_{56} 5 1.0 292°.48 1°.7/28.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 46.45	− 7 30.4	4.334	5.216	5.7	19.0
4 11	14 42.73	− 6 52.0	4.265	5.214	3.9	18.9
4 21	14 38.35	− 6 13.2	4.224	5.212	2.3	18.8
5 1	14 33.64	− 5 36.2	4.213	5.210	1.8	18.7
5 11	14 28.95	− 5 2.9	4.232	5.208	3.2	18.8
5 21	14 24.61	− 4 35.2	4.279	5.206	4.9	19.0
5 31	14 20.92	− 4 14.4	4.353	5.204	6.6	19.1
6 10	14 18.12	− 4 1.3	4.449	5.201	8.1	19.2

72097 2000 YL_{49} 5 1.0 125°.21 3°.2/ 3.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.06	−25 11.9	1.628	2.487	14.6	19.0
4 11	14 52.44	−24 57.3	1.565	2.495	10.8	18.7
4 21	14 43.62	−24 24.5	1.525	2.503	6.7	18.5
5 1	14 33.66	−23 35.2	1.510	2.511	3.4	18.3
5 11	14 23.83	−22 34.4	1.523	2.519	4.9	18.4
5 21	14 15.30	−21 29.3	1.561	2.526	8.8	18.7
5 31	14 8.99	−20 27.4	1.624	2.533	12.7	18.9
6 10	14 5.37	−19 35.1	1.707	2.539	16.1	19.2

154589 2003 MX_{2} 5 1.0 266°.07 1°.3/30.1 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.72	−12 51.1	2.007	2.880	11.6	21.1
4 11	14 54.32	−12 25.1	1.900	2.845	8.2	20.8
4 21	14 44.72	−11 52.6	1.818	2.809	4.3	20.5
5 1	14 33.66	−11 16.2	1.765	2.771	1.4	20.2
5 11	14 22.18	−10 40.3	1.742	2.732	5.2	20.4
5 21	14 11.35	−10 9.5	1.746	2.692	9.6	20.6
5 31	14 2.20	− 9 48.1	1.776	2.650	13.6	20.7
6 10	13 55.42	− 9 39.5	1.827	2.607	17.1	20.9

191240 2002 VX_{16} 5 1.0 169°.37 2°.7/ 2.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.07	−22 45.7	1.477	2.346	15.3	20.9
4 11	14 54.07	−22 39.3	1.411	2.348	11.2	20.7
4 21	14 44.57	−22 16.0	1.367	2.351	6.6	20.4
5 1	14 33.66	−21 37.2	1.349	2.353	2.8	20.2
5 11	14 22.80	−20 47.8	1.357	2.354	5.1	20.3
5 21	14 13.31	−19 54.8	1.390	2.355	9.7	20.6
5 31	14 6.25	−19 5.7	1.447	2.355	14.0	20.9
6 10	14 2.20	−18 26.9	1.523	2.355	17.7	21.1

277786 2006 DC_{212} 5 1.0 246°.14 1°.5/29.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 54.37	−13 21.7	1.898	2.784	11.5	21.0
4 11	14 48.91	−12 31.2	1.829	2.781	7.9	20.8
4 21	14 41.74	−11 33.7	1.785	2.778	4.1	20.5
5 1	14 33.66	−10 34.1	1.769	2.775	1.6	20.4
5 11	14 25.61	− 9 37.7	1.781	2.771	5.1	20.6
5 21	14 18.49	− 8 49.9	1.819	2.768	9.0	20.8
5 31	14 13.04	− 8 14.6	1.881	2.765	12.5	21.0
6 10	14 9.70	− 7 54.3	1.963	2.761	15.5	21.2

336156 2008 RU_{4} 5 1.0 300°.40 0°.5/ 1.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 55.47	−18 5.2	1.697	2.578	12.9	21.2
4 11	14 49.97	−17 43.8	1.620	2.568	9.2	20.9
4 21	14 42.41	−17 11.4	1.567	2.558	4.9	20.6
5 1	14 33.66	−16 30.6	1.541	2.548	0.6	20.3
5 11	14 24.83	−15 46.3	1.541	2.538	4.6	20.6
5 21	14 17.00	−15 3.9	1.566	2.529	9.0	20.8
5 31	14 11.08	−14 29.0	1.616	2.519	13.1	21.0
6 10	14 7.62	−14 5.8	1.685	2.510	16.5	21.2

464673 2001 TY_{59} 5 1.0 191°.69 2°.2/ 2.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.04	−21 29.1	1.783	2.644	13.4	22.4
4 11	14 54.49	−21 32.7	1.708	2.643	9.8	22.2
4 21	14 44.72	−21 23.5	1.657	2.641	5.7	22.0
5 1	14 33.67	−21 2.2	1.634	2.638	2.3	21.7
5 11	14 22.56	−20 32.0	1.638	2.634	4.6	21.9
5 21	14 12.57	−19 57.8	1.670	2.630	8.7	22.1
5 31	14 4.67	−19 25.5	1.726	2.625	12.7	22.3
6 10	13 59.44	−19 0.3	1.804	2.620	16.0	22.5

165556 2001 DO_{45} 5 1.0 120°.07 0°.7/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.49	−18 59.0	1.749	2.621	13.1	20.3
4 11	14 52.46	−18 32.6	1.694	2.637	9.2	20.1
4 21	14 43.53	−17 54.8	1.663	2.652	4.9	19.8
5 1	14 33.67	−17 8.7	1.659	2.667	0.8	19.6
5 11	14 24.02	−16 19.6	1.684	2.681	4.4	19.9
5 21	14 15.60	−15 32.8	1.735	2.694	8.6	20.1
5 31	14 9.20	−14 53.8	1.811	2.707	12.3	20.4
6 10	14 5.24	−14 26.1	1.907	2.720	15.4	20.6

284362 2006 SM_{128} 5 1.0 144°.96 5°.3/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 53.43	+ 4 18.8	2.942	3.812	8.4	21.4
4 11	14 47.68	+ 5 9.5	2.897	3.823	6.6	21.3
4 21	14 40.91	+ 5 53.4	2.879	3.834	5.4	21.3
5 1	14 33.66	+ 6 26.7	2.889	3.844	5.5	21.3
5 11	14 26.53	+ 6 46.8	2.927	3.854	6.9	21.4
5 21	14 20.05	+ 6 52.3	2.992	3.863	8.7	21.5
5 31	14 14.66	+ 6 43.2	3.080	3.872	10.5	21.7
6 10	14 10.69	+ 6 20.4	3.188	3.880	12.1	21.8

365986 2012 BJ_{76} 5 1.0 336°.58 3°.6/ 3.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.23	−23 58.8	1.361	2.236	15.9	20.7
4 11	14 51.65	−24 5.7	1.292	2.230	11.9	20.4
4 21	14 43.44	−23 54.3	1.243	2.225	7.4	20.1
5 1	14 33.67	−23 25.2	1.219	2.221	3.8	19.9
5 11	14 23.82	−22 42.5	1.220	2.217	5.6	20.0
5 21	14 15.29	−21 53.1	1.244	2.213	10.1	20.3
5 31	14 9.23	−21 5.3	1.291	2.210	14.6	20.5
6 10	14 6.28	−20 26.1	1.356	2.207	18.4	20.7

499260 2009 VA_{28} 5 1.0 212°.31 0°.4/30.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.84	−15 6.7	2.251	3.123	10.6	23.0
4 11	14 51.18	−14 48.9	2.171	3.116	7.4	22.8
4 21	14 42.89	−14 24.7	2.117	3.107	3.8	22.5
5 1	14 33.67	−13 56.5	2.091	3.099	0.4	22.2
5 11	14 24.41	−13 27.7	2.095	3.089	4.0	22.5
5 21	14 15.93	−13 1.8	2.127	3.079	7.7	22.7
5 31	14 8.97	−12 42.4	2.185	3.068	11.0	22.9
6 10	14 4.01	−12 32.1	2.264	3.057	13.8	23.1

51860 2001 OS_{107} 5 1.0 190°.26 3°.9/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 54.86	− 3 22.6	2.409	3.292	9.5	19.0
4 11	14 48.92	− 2 46.8	2.346	3.291	6.9	18.8
4 21	14 41.65	− 2 13.4	2.308	3.290	4.5	18.7
5 1	14 33.68	− 1 46.4	2.300	3.288	4.0	18.7
5 11	14 25.75	− 1 29.1	2.319	3.287	6.0	18.8
5 21	14 18.57	− 1 23.6	2.366	3.284	8.7	18.9
5 31	14 12.70	− 1 31.1	2.437	3.282	11.4	19.1
6 10	14 8.56	− 1 51.5	2.528	3.279	13.6	19.3

522388 2016 CK_{306} 5 1.0 337°.27 3°.5/ 3.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.84	−24 2.6	1.310	2.187	16.3	21.0
4 11	14 51.43	−24 0.2	1.242	2.182	12.1	20.7
4 21	14 43.34	−23 38.1	1.195	2.177	7.5	20.4
5 1	14 33.68	−22 57.6	1.171	2.173	3.7	20.2
5 11	14 23.96	−22 3.5	1.171	2.169	5.6	20.3
5 21	14 15.62	−21 3.8	1.196	2.166	10.3	20.5
5 31	14 9.80	−20 7.4	1.242	2.163	14.9	20.8
6 10	14 7.14	−19 21.7	1.307	2.161	18.8	21.0

128013 2003 JO_{10} 5 1.0 298°.28 2°.9/28.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 53.33	− 7 49.1	2.168	3.056	10.2	19.8
4 11	14 48.10	− 7 14.4	2.089	3.040	7.1	19.5
4 21	14 41.33	− 6 38.4	2.035	3.025	4.1	19.3
5 1	14 33.68	− 6 5.1	2.010	3.009	3.0	19.2
5 11	14 25.97	− 5 38.5	2.012	2.994	5.5	19.3
5 21	14 18.97	− 5 21.9	2.041	2.978	8.9	19.5
5 31	14 13.37	− 5 17.7	2.094	2.963	12.0	19.7
6 10	14 9.65	− 5 26.8	2.167	2.948	14.7	19.9

136996 1998 SJ_{63} 5 1.0 194°.35 1°.5/ 2.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 58.37	−21 47.9	2.414	3.266	10.7	20.3
4 11	14 51.48	−21 27.5	2.332	3.263	7.7	20.1
4 21	14 43.02	−20 56.0	2.276	3.259	4.4	19.8
5 1	14 33.69	−20 14.9	2.250	3.254	1.6	19.6
5 11	14 24.37	−19 27.8	2.253	3.249	3.5	19.8
5 21	14 15.85	−18 38.9	2.285	3.243	6.9	20.0
5 31	14 8.84	−17 52.8	2.344	3.235	10.1	20.1
6 10	14 3.79	−17 13.6	2.425	3.227	12.8	20.3

425921 2011 GZ_{13} 5 1.0 80°.75 1°.2/ 1.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.33	−20 42.8	1.785	2.658	12.8	21.0
4 11	14 49.68	−20 7.3	1.720	2.662	9.1	20.8
4 21	14 42.17	−19 18.5	1.679	2.666	5.0	20.6
5 1	14 33.69	−18 19.6	1.664	2.670	1.2	20.3
5 11	14 25.32	−17 16.1	1.676	2.674	4.2	20.5
5 21	14 18.01	−16 14.2	1.716	2.678	8.4	20.8
5 31	14 12.56	−15 20.0	1.779	2.683	12.1	21.0
6 10	14 9.42	−14 37.8	1.864	2.687	15.3	21.2

34638 2000 VV_{54} 5 1.0 288°.75 3°.4/ 4.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 54.41	−27 36.5	2.241	3.082	11.8	18.3
4 11	14 49.04	−27 16.2	2.139	3.057	9.0	18.1
4 21	14 41.90	−26 39.2	2.061	3.032	6.0	17.8
5 1	14 33.70	−25 46.4	2.010	3.006	3.6	17.6
5 11	14 25.34	−24 40.9	1.987	2.980	4.3	17.6
5 21	14 17.72	−23 27.8	1.992	2.954	7.4	17.8
5 31	14 11.65	−22 13.6	2.022	2.928	10.7	17.9
6 10	14 7.66	−21 4.6	2.075	2.902	13.8	18.1

128521 2004 PA_{41} 5 1.0 277°.55 5°.3/27.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.62	− 5 52.7	1.436	2.334	13.8	20.3
4 11	14 51.80	− 4 43.2	1.356	2.311	9.9	20.0
4 21	14 43.52	− 3 30.9	1.300	2.287	6.3	19.8
5 1	14 33.71	− 2 24.0	1.269	2.263	5.6	19.6
5 11	14 23.64	− 1 30.7	1.264	2.239	9.0	19.8
5 21	14 14.60	− 0 57.6	1.282	2.214	13.4	19.9
5 31	14 7.71	− 0 48.4	1.321	2.189	17.7	20.1
6 10	14 3.66	− 1 3.1	1.376	2.164	21.4	20.3

361587 2007 RS_{240} 5 1.0 245°.03 0°.5/ 1.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.73	−19 8.0	1.602	2.480	13.7	21.1
4 11	14 51.67	−18 24.0	1.523	2.469	9.8	20.8
4 21	14 43.35	−17 25.2	1.467	2.457	5.2	20.5
5 1	14 33.71	−16 15.4	1.437	2.444	0.5	20.1
5 11	14 23.99	−15 1.1	1.434	2.431	4.9	20.4
5 21	14 15.36	−13 49.8	1.457	2.418	9.8	20.7
5 31	14 8.81	−12 49.0	1.504	2.404	14.1	20.9
6 10	14 4.95	−12 3.7	1.571	2.390	17.8	21.1

128912 2004 TF_{53} 5 1.0 153°.17 0°.2/ 1.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.54	−16 55.5	1.988	2.863	11.6	20.7
4 11	14 50.37	−16 35.5	1.921	2.867	8.1	20.5
4 21	14 42.50	−16 7.1	1.880	2.870	4.2	20.2
5 1	14 33.72	−15 33.0	1.865	2.873	0.2	19.9
5 11	14 24.99	−14 57.3	1.879	2.876	4.1	20.2
5 21	14 17.22	−14 24.2	1.920	2.878	8.0	20.5
5 31	14 11.13	−13 57.9	1.986	2.880	11.5	20.7
6 10	14 7.19	−13 41.4	2.074	2.882	14.4	20.9

302332 2002 AX_{100} 5 1.0 133°.12 1°.7/ 2.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.01	−20 41.8	1.665	2.533	13.9	21.2
4 11	14 53.69	−20 30.4	1.606	2.545	9.9	21.0
4 21	14 44.26	−20 5.9	1.571	2.557	5.6	20.8
5 1	14 33.72	−19 30.2	1.562	2.568	1.7	20.5
5 11	14 23.35	−18 47.9	1.581	2.578	4.5	20.7
5 21	14 14.28	−18 5.0	1.626	2.588	8.8	21.0
5 31	14 7.37	−17 27.1	1.696	2.597	12.7	21.3
6 10	14 3.12	−16 58.9	1.786	2.605	16.0	21.5

16875 1998 BD_{4} 5 1.0 173°.23 6°.0/ 6.1 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.00	−34 28.0	2.204	3.006	13.3	19.2
4 11	14 52.93	−34 44.4	2.126	3.009	10.8	19.0
4 21	14 43.88	−34 41.2	2.072	3.011	8.2	18.8
5 1	14 33.72	−34 17.1	2.043	3.013	6.3	18.7
5 11	14 23.56	−33 34.0	2.042	3.014	6.3	18.7
5 21	14 14.43	−32 36.6	2.067	3.015	8.2	18.8
5 31	14 7.19	−31 31.5	2.118	3.015	10.7	19.0
6 10	14 2.37	−30 26.1	2.192	3.015	13.3	19.2

3189 Penza 5 1.0 225°.85 2°.1/28.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 52.71	− 9 33.0	2.721	3.603	8.6	18.3
4 11	14 47.39	− 8 44.9	2.644	3.593	6.0	18.2
4 21	14 40.88	− 7 54.1	2.593	3.583	3.3	18.0
5 1	14 33.72	− 7 4.2	2.572	3.573	2.2	17.9
5 11	14 26.55	− 6 18.9	2.581	3.562	4.5	18.0
5 21	14 19.98	− 5 41.5	2.617	3.551	7.3	18.2
5 31	14 14.56	− 5 14.6	2.679	3.540	10.0	18.3
6 10	14 10.66	− 4 59.6	2.762	3.528	12.3	18.5

1141 Bohmia 5 1.0 204°.58 2°.4/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 59.23	−10 35.3	1.750	2.635	12.4	17.4
4 11	14 52.44	− 9 54.6	1.680	2.631	8.6	17.1
4 21	14 43.65	− 9 9.6	1.635	2.626	4.6	16.9
5 1	14 33.73	− 8 24.8	1.617	2.621	2.6	16.7
5 11	14 23.82	− 7 45.6	1.627	2.614	5.9	16.9
5 21	14 14.95	− 7 16.8	1.664	2.608	10.1	17.1
5 31	14 8.00	− 7 1.7	1.724	2.600	13.8	17.3
6 10	14 3.48	− 7 1.9	1.803	2.592	17.0	17.6

20204 Yuudurunosato 5 1.0 93°.92 2°.4/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.21	−10 34.8	1.845	2.735	11.6	17.4
4 11	14 49.47	− 9 50.8	1.787	2.740	8.0	17.2
4 21	14 42.03	− 9 3.1	1.753	2.745	4.3	17.0
5 1	14 33.73	− 8 16.5	1.747	2.750	2.5	16.9
5 11	14 25.53	− 7 36.1	1.767	2.754	5.6	17.1
5 21	14 18.33	− 7 6.1	1.814	2.759	9.3	17.3
5 31	14 12.83	− 6 49.4	1.885	2.764	12.7	17.5
6 10	14 9.49	− 6 47.3	1.976	2.769	15.6	17.7

230925 2004 TP_{366} 5 1.0 159°.84 1°.8/ 2.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.11	−21 31.4	2.070	2.931	11.8	21.4
4 11	14 50.78	−21 21.7	2.000	2.935	8.5	21.2
4 21	14 42.72	−21 0.3	1.954	2.938	4.9	21.0
5 1	14 33.73	−20 29.0	1.936	2.941	1.9	20.8
5 11	14 24.79	−19 51.3	1.947	2.944	3.9	21.0
5 21	14 16.79	−19 11.6	1.985	2.946	7.5	21.2
5 31	14 10.48	−18 34.9	2.048	2.948	10.9	21.4
6 10	14 6.33	−18 5.3	2.133	2.950	13.8	21.6

303715 2005 QY_{2} 5 1.0 241°.29 3°.7/27.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 52.75	− 4 39.6	2.527	3.412	9.1	21.3
4 11	14 47.49	− 3 43.7	2.453	3.401	6.5	21.1
4 21	14 40.96	− 2 48.3	2.407	3.389	4.2	20.9
5 1	14 33.74	− 1 57.6	2.389	3.378	3.9	20.9
5 11	14 26.50	− 1 16.0	2.399	3.366	5.9	21.0
5 21	14 19.91	− 0 46.4	2.437	3.354	8.6	21.2
5 31	14 14.52	− 0 30.8	2.498	3.341	11.2	21.3
6 10	14 10.73	− 0 29.7	2.581	3.328	13.5	21.4

76809 2000 QQ_{46} 5 1.0 176°.27 2°.9/ 5.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 49.24	−32 16.6	4.792	5.588	6.7	20.0
4 11	14 44.72	−32 21.1	4.708	5.589	5.3	19.9
4 21	14 39.43	−32 16.9	4.649	5.589	4.0	19.8
5 1	14 33.74	−32 4.5	4.618	5.590	3.0	19.8
5 11	14 28.04	−31 44.7	4.617	5.590	3.0	19.8
5 21	14 22.72	−31 19.2	4.644	5.590	4.0	19.8
5 31	14 18.12	−30 50.2	4.698	5.590	5.4	19.9
6 10	14 14.52	−30 19.9	4.778	5.590	6.8	20.0

351492 2005 QW_{125} 5 1.0 79°.72 6°.3/ 6.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.71	−35 9.8	2.304	3.102	12.9	20.4
4 11	14 51.98	−35 46.0	2.237	3.113	10.6	20.3
4 21	14 43.39	−36 3.8	2.192	3.124	8.3	20.2
5 1	14 33.75	−36 1.6	2.173	3.135	6.6	20.1
5 11	14 24.13	−35 40.7	2.181	3.146	6.5	20.1
5 21	14 15.48	−35 4.9	2.215	3.156	8.1	20.2
5 31	14 8.64	−34 19.8	2.274	3.167	10.3	20.3
6 10	14 4.09	−33 31.8	2.356	3.178	12.5	20.5

211882 2004 HW_{67} 5 1.0 356°.33 2°.4/ 2.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.96	−21 53.0	2.015	2.877	12.1	20.3
4 11	14 50.80	−22 10.0	1.943	2.876	8.8	20.1
4 21	14 42.80	−22 16.1	1.894	2.876	5.3	19.9
5 1	14 33.75	−22 11.9	1.873	2.875	2.5	19.7
5 11	14 24.66	−21 59.4	1.879	2.875	4.2	19.8
5 21	14 16.48	−21 42.3	1.913	2.875	7.7	20.1
5 31	14 10.01	−21 25.0	1.971	2.875	11.1	20.3
6 10	14 5.79	−21 11.5	2.051	2.875	14.0	20.5

422871 2002 PY_{169} 5 1.0 209°.62 2°.2/ 2.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.91	−23 27.9	1.846	2.706	13.1	21.4
4 11	14 51.57	−23 1.5	1.769	2.702	9.6	21.1
4 21	14 43.22	−22 19.3	1.715	2.697	5.7	20.9
5 1	14 33.75	−21 23.3	1.688	2.691	2.4	20.7
5 11	14 24.28	−20 18.3	1.688	2.686	4.3	20.8
5 21	14 15.85	−19 10.7	1.716	2.679	8.3	21.0
5 31	14 9.33	−18 7.4	1.769	2.672	12.2	21.2
6 10	14 5.25	−17 14.1	1.843	2.665	15.5	21.4

68233 2001 DY_{35} 5 1.0 184°.29 0°.1/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.86	−16 36.6	2.028	2.899	11.6	20.4
4 11	14 51.99	−16 5.1	1.956	2.900	8.1	20.1
4 21	14 43.35	−15 24.8	1.909	2.900	4.2	19.9
5 1	14 33.76	−14 38.8	1.891	2.899	0.1	19.5
5 11	14 24.21	−13 51.6	1.902	2.897	4.2	19.9
5 21	14 15.62	−13 8.0	1.941	2.895	8.2	20.1
5 31	14 8.75	−12 32.4	2.005	2.891	11.7	20.3
6 10	14 4.08	−12 8.1	2.090	2.887	14.7	20.5

50772 2000 FQ_8 5 1.0 274.°65 0.°4/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 55.34	−17 29.4	2.021	2.897	11.4	19.5
4 11	14 49.59	−17 13.8	1.949	2.894	8.1	19.3
4 21	14 42.14	−16 49.7	1.902	2.892	4.2	19.1
5 1	14 33.75	−16 19.3	1.882	2.889	0.4	18.8
5 11	14 25.36	−15 46.4	1.889	2.886	4.0	19.0
5 21	14 17.85	−15 15.2	1.924	2.884	7.8	19.3
5 31	14 11.97	−14 49.9	1.984	2.881	11.3	19.5
6 10	14 8.19	−14 33.5	2.065	2.879	14.3	19.7

473148 2015 KL_{11} 5 1.0 256.°17 5.°8/25.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 53.26	+ 1 7.4	2.200	3.084	10.2	21.1
4 11	14 47.93	+ 2 7.1	2.141	3.081	7.8	21.0
4 21	14 41.21	+ 3 1.0	2.109	3.078	6.0	20.8
5 1	14 33.75	+ 3 44.0	2.104	3.075	6.1	20.8
5 11	14 26.35	+ 4 11.7	2.125	3.072	7.9	20.9
5 21	14 19.72	+ 4 21.9	2.172	3.068	10.5	21.1
5 31	14 14.49	+ 4 13.8	2.241	3.065	13.0	21.2
6 10	14 11.05	+ 3 48.7	2.330	3.062	15.1	21.4

360130 2013 CA_{35} 5 1.0 122.°89 2.°3/29.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.14	−12 32.3	1.422	2.314	14.3	21.1
4 11	14 52.51	−11 34.7	1.370	2.324	9.8	20.9
4 21	14 43.69	−10 30.1	1.342	2.334	5.1	20.6
5 1	14 33.76	− 9 24.7	1.339	2.344	2.4	20.5
5 11	14 24.06	− 8 26.2	1.363	2.353	6.4	20.7
5 21	14 15.76	− 7 40.6	1.412	2.362	11.0	21.0
5 31	14 9.73	− 7 12.3	1.483	2.370	15.0	21.3
6 10	14 6.44	− 7 2.7	1.573	2.378	18.4	21.5

375456 2008 TZ_{108} 5 1.0 282.°54 0.°8/30.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.11	−13 9.7	1.832	2.714	12.1	20.5
4 11	14 51.64	−13 9.2	1.762	2.712	8.4	20.3
4 21	14 43.24	−13 4.1	1.718	2.709	4.3	20.0
5 1	14 33.76	−12 56.6	1.700	2.707	0.8	19.7
5 11	14 24.26	−12 49.9	1.710	2.705	4.7	20.0
5 21	14 15.75	−12 47.3	1.747	2.703	8.8	20.3
5 31	14 9.05	−12 51.5	1.809	2.701	12.5	20.5
6 10	14 4.70	−13 4.8	1.890	2.699	15.6	20.7

203609 2002 EW_{65} 5 1.0 51.°42 1.°2/ 1.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.16	−19 42.0	1.182	2.073	16.6	19.9
4 11	14 52.12	−19 17.2	1.140	2.091	11.8	19.7
4 21	14 43.55	−18 36.6	1.118	2.109	6.3	19.4
5 1	14 33.76	−17 44.7	1.120	2.127	1.3	19.2
5 11	14 24.33	−16 48.9	1.147	2.146	5.4	19.5
5 21	14 16.59	−15 57.1	1.197	2.165	10.5	19.8
5 31	14 11.48	−15 16.2	1.269	2.185	15.0	20.1
6 10	14 9.43	−14 50.6	1.359	2.205	18.7	20.4

379965 2012 QV_{34} 5 1.0 314.°91 0.°2/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 47.22	−15 28.4	4.140	5.011	6.2	20.5
4 11	14 43.33	−14 59.1	4.064	5.008	4.3	20.3
4 21	14 38.72	−14 26.1	4.015	5.006	2.2	20.2
5 1	14 33.75	−13 51.2	3.996	5.003	0.2	20.0
5 11	14 28.79	−13 16.3	4.007	5.001	2.3	20.2
5 21	14 24.21	−12 43.6	4.047	4.999	4.4	20.3
5 31	14 20.34	−12 14.9	4.115	4.996	6.3	20.5
6 10	14 17.43	−11 51.9	4.206	4.994	8.0	20.6

510313 2011 QW_{77} 5 1.0 219.°65 6.°0/ 6.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.70	−35 3.8	2.380	3.178	12.6	21.8
4 11	14 51.31	−35 26.6	2.296	3.174	10.3	21.7
4 21	14 43.07	−35 31.2	2.236	3.170	8.0	21.5
5 1	14 33.76	−35 16.4	2.201	3.166	6.3	21.4
5 11	14 24.37	−34 43.3	2.193	3.161	6.3	21.4
5 21	14 15.86	−33 55.8	2.212	3.157	7.9	21.5
5 31	14 9.03	−32 59.7	2.256	3.152	10.2	21.6
6 10	14 4.44	−32 1.4	2.323	3.147	12.6	21.8

146131 2000 RK_{97} 5 1.0 222.°61 4.°0/ 5.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.55	−32 35.2	3.160	3.961	9.7	21.1
4 11	14 49.42	−32 29.4	3.063	3.948	7.7	21.0
4 21	14 41.96	−32 9.6	2.991	3.936	5.7	20.8
5 1	14 33.76	−31 35.8	2.946	3.922	4.2	20.7
5 11	14 25.52	−30 49.9	2.930	3.908	4.3	20.7
5 21	14 17.90	−29 54.9	2.944	3.894	5.9	20.8
5 31	14 11.49	−28 55.3	2.985	3.879	8.1	20.9
6 10	14 6.71	−27 55.7	3.050	3.863	10.2	21.0

253825 2003 YT_{68} 5 1.0 35.°18 2.°6/29.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.23	−11 5.4	1.305	2.206	14.6	19.7
4 11	14 50.65	−10 24.7	1.256	2.214	10.1	19.5
4 21	14 42.79	− 9 39.2	1.229	2.222	5.3	19.2
5 1	14 33.77	− 8 54.9	1.227	2.231	2.8	19.1
5 11	14 24.94	− 8 18.5	1.250	2.241	6.7	19.3
5 21	14 17.51	− 7 55.1	1.296	2.251	11.3	19.6
5 31	14 12.38	− 7 48.0	1.364	2.261	15.5	19.9
6 10	14 10.03	− 7 58.2	1.450	2.272	18.9	20.2

512934 2017 AG_{19} 5 1.0 219.°92 8.°2/17.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 52.07	+20 55.4	3.368	4.176	9.0	21.7
4 11	14 46.80	+22 5.1	3.325	4.167	8.4	21.7
4 21	14 40.54	+23 0.9	3.306	4.157	8.3	21.7
5 1	14 33.76	+23 39.0	3.312	4.146	8.7	21.7
5 11	14 27.02	+23 57.1	3.342	4.136	9.6	21.7
5 21	14 20.80	+23 54.9	3.393	4.124	10.7	21.8
5 31	14 15.57	+23 33.0	3.463	4.113	11.8	21.9
6 10	14 11.65	+22 53.9	3.549	4.100	12.8	22.0

285070 2011 KO_{24} 5 1.0 248.°24 2.°2/29.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 54.83	−10 42.3	2.035	2.922	10.9	21.4
4 11	14 49.21	− 9 58.1	1.961	2.913	7.5	21.1
4 21	14 41.95	− 9 9.7	1.912	2.904	4.0	20.9
5 1	14 33.77	− 8 21.4	1.891	2.894	2.3	20.8
5 11	14 25.57	− 7 38.0	1.898	2.885	5.3	20.9
5 21	14 18.20	− 7 3.9	1.932	2.875	8.9	21.1
5 31	14 12.37	− 6 42.3	1.990	2.865	12.3	21.3
6 10	14 8.57	− 6 34.8	2.068	2.855	15.2	21.5

268943 2007 DF_{38} 5 1.0 120.°76 2.°7/ 3.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.72	−23 36.4	1.894	2.751	12.9	21.4
4 11	14 52.00	−23 33.8	1.831	2.762	9.5	21.2
4 21	14 43.38	−23 17.2	1.792	2.772	5.8	21.0
5 1	14 33.77	−22 47.8	1.780	2.782	2.8	20.9
5 11	14 24.27	−22 9.3	1.796	2.792	4.3	21.0
5 21	14 15.88	−21 26.7	1.839	2.801	7.9	21.2
5 31	14 9.40	−20 45.7	1.906	2.810	11.4	21.4
6 10	14 5.29	−20 11.3	1.995	2.819	14.4	21.7

299904 2006 SJ_{377} 5 1.0 230.°63 4.°5/26.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 53.31	− 2 8.5	2.341	3.226	9.7	20.4
4 11	14 47.93	− 1 14.1	2.276	3.221	7.1	20.2
4 21	14 41.21	− 0 22.5	2.237	3.215	5.0	20.1
5 1	14 33.77	+ 0 21.5	2.227	3.209	4.8	20.1
5 11	14 26.35	+ 0 53.8	2.244	3.203	6.8	20.2
5 21	14 19.66	+ 1 11.7	2.287	3.197	9.4	20.3
5 31	14 14.28	+ 1 14.0	2.354	3.191	12.0	20.5
6 10	14 10.61	+ 1 0.8	2.441	3.184	14.2	20.7

507507 2012 VN_{12} 5 1.0 273.°18 0.°7/30.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.28	−14 21.1	2.000	2.882	11.2	21.7
4 11	14 49.56	−13 59.4	1.927	2.876	7.8	21.5
4 21	14 42.15	−13 31.3	1.879	2.871	4.0	21.2
5 1	14 33.78	−13 0.0	1.858	2.865	0.7	21.0
5 11	14 25.40	−12 29.4	1.865	2.860	4.4	21.2
5 21	14 17.88	−12 3.4	1.900	2.854	8.3	21.4
5 31	14 11.97	−11 45.7	1.958	2.849	11.8	21.6
6 10	14 8.15	−11 38.6	2.038	2.843	14.7	21.8

520916 2014 WC_{531} 5 1.0 97.°47 5.°6/27.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.92	− 2 29.6	1.672	2.564	12.5	21.4
4 11	14 50.68	− 1 29.5	1.627	2.575	9.1	21.2
4 21	14 42.66	− 0 33.9	1.606	2.586	6.2	21.1
5 1	14 33.78	+ 0 10.7	1.612	2.597	5.9	21.1
5 11	14 25.12	+ 0 39.2	1.644	2.608	8.3	21.2
5 21	14 17.61	+ 0 48.7	1.700	2.619	11.5	21.5
5 31	14 11.98	+ 0 38.7	1.779	2.630	14.6	21.7
6 10	14 8.65	+ 0 10.6	1.876	2.640	17.3	21.9

291260 2006 BE_{73} 5 1.0 333.°60 1.°9/ 3.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 49.22	−24 56.2	3.912	4.751	7.2	20.7
4 11	14 44.81	−24 54.7	3.828	4.747	5.4	20.5
4 21	14 39.52	−24 45.8	3.771	4.743	3.5	20.4
5 1	14 33.77	−24 30.2	3.743	4.740	2.0	20.3
5 11	14 28.01	−24 9.3	3.744	4.736	2.6	20.3
5 21	14 22.67	−23 45.1	3.774	4.733	4.4	20.4
5 31	14 18.15	−23 20.0	3.831	4.730	6.3	20.6
6 10	14 14.75	−22 56.4	3.913	4.727	8.1	20.7

331529 2000 SR_{126} 5 1.1 178.°20 2.°9/28.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 54.89	− 8 20.4	2.471	3.352	9.4	21.2
4 11	14 48.94	− 7 11.7	2.406	3.354	6.5	21.0
4 21	14 41.69	− 6 0.7	2.368	3.356	3.8	20.9
5 1	14 33.79	− 4 52.3	2.360	3.357	3.0	20.8
5 11	14 25.97	− 3 51.2	2.382	3.357	5.3	21.0
5 21	14 18.89	− 3 1.3	2.432	3.356	8.3	21.1
5 31	14 13.12	− 2 25.2	2.506	3.355	11.0	21.3
6 10	14 9.05	− 2 4.0	2.602	3.353	13.3	21.5

504559 2008 SW_{288} 5 1.1 293.°45 0.°6/30.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.63	−14 17.4	1.789	2.673	12.2	21.1
4 11	14 50.72	−14 6.3	1.713	2.663	8.6	20.9
4 21	14 42.83	−13 48.8	1.661	2.653	4.4	20.6
5 1	14 33.80	−13 27.7	1.637	2.644	0.6	20.3
5 11	14 24.67	−13 6.7	1.639	2.635	4.7	20.6
5 21	14 16.49	−12 49.9	1.668	2.625	9.0	20.8
5 31	14 10.12	−12 41.1	1.721	2.616	12.9	21.0
6 10	14 6.11	−12 42.8	1.794	2.607	16.1	21.2

474727 2005 MG_{29} 5 1.1 238°.64 3°.2/ 4.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 54.40	−27 21.3	2.269	3.110	11.6	21.3
4 11	14 48.89	−27 4.1	2.190	3.108	8.8	21.1
4 21	14 41.78	−26 31.5	2.136	3.106	5.8	20.9
5 1	14 33.80	−25 44.9	2.108	3.104	3.4	20.7
5 11	14 25.85	−24 47.6	2.109	3.102	4.1	20.8
5 21	14 18.74	−23 44.6	2.137	3.100	7.0	20.9
5 31	14 13.19	−22 41.6	2.192	3.098	10.0	21.1
6 10	14 9.63	−21 44.0	2.268	3.095	12.8	21.3

452681 2005 XZ_{39} 5 1.1 75°.82 0°.4/ 1.3 18

4 1	15 0.65	−17 40.5	1.268	2.156	15.9	21.9
4 11	14 53.74	−17 20.0	1.224	2.174	11.2	21.6
4 21	14 44.37	−16 47.1	1.202	2.193	5.8	21.4
5 1	14 33.82	−16 5.6	1.204	2.211	0.5	21.0
5 11	14 23.61	−15 22.2	1.232	2.230	5.4	21.4
5 21	14 15.06	−14 43.4	1.284	2.248	10.4	21.8
5 31	14 9.10	−14 15.1	1.359	2.266	14.8	22.1
6 10	14 6.17	−14 0.7	1.452	2.284	18.4	22.3

127742 2003 FC_{12} 5 1.1 329°.73 5°.3/ 3.8 16

4 1	14 57.89	−27 7.4	1.769	2.619	14.0	19.0
4 11	14 52.01	−28 2.8	1.681	2.600	11.0	18.8
4 21	14 43.72	−28 44.4	1.616	2.582	7.7	18.6
5 1	14 33.83	−29 9.4	1.576	2.565	5.5	18.4
5 11	14 23.55	−29 17.9	1.562	2.548	6.3	18.4
5 21	14 14.14	−29 12.5	1.573	2.532	9.3	18.5
5 31	14 6.74	−28 58.6	1.608	2.517	12.8	18.7
6 10	14 2.11	−28 42.5	1.663	2.502	16.1	18.9

83968 2001 YY_{114} 5 1.1 195°.67 0°.9/30.3 18

4 1	14 55.97	−12 28.3	2.503	3.378	9.5	19.1
4 11	14 49.77	−12 20.4	2.430	3.377	6.6	18.9
4 21	14 42.17	−12 9.1	2.384	3.375	3.4	18.7
5 1	14 33.82	−11 56.6	2.366	3.373	0.9	18.5
5 11	14 25.47	−11 45.5	2.378	3.370	3.8	18.7
5 21	14 17.83	−11 38.1	2.418	3.367	7.1	18.9
5 31	14 11.51	−11 36.8	2.484	3.364	10.0	19.1
6 10	14 6.93	−11 43.2	2.573	3.361	12.5	19.2

128814 2004 RJ_{288} 5 1.1 170°.43 1°.4/29.9 18

4 1	14 55.86	−12 48.1	1.944	2.828	11.4	20.0
4 11	14 49.93	−12 12.4	1.879	2.829	7.9	19.8
4 21	14 42.33	−11 31.2	1.838	2.830	4.0	19.5
5 1	14 33.83	−10 48.5	1.826	2.831	1.5	19.4
5 11	14 25.38	−10 8.8	1.841	2.832	4.9	19.6
5 21	14 17.87	− 9 36.6	1.883	2.833	8.7	19.8
5 31	14 12.03	− 9 15.2	1.949	2.833	12.1	20.0
6 10	14 8.30	− 9 6.6	2.036	2.833	15.0	20.2

388902 2008 SL_{39} 5 1.1 261°.24 0°.2/30.9 17

4 1	14 56.47	−15 39.8	1.906	2.785	11.8	21.2
4 11	14 50.53	−15 21.7	1.828	2.776	8.3	21.0
4 21	14 42.71	−14 55.9	1.775	2.767	4.3	20.7
5 1	14 33.83	−14 25.1	1.749	2.757	0.2	20.4
5 11	14 24.88	−13 53.3	1.752	2.747	4.4	20.7
5 21	14 16.81	−13 24.9	1.780	2.738	8.5	20.9
5 31	14 10.47	−13 3.9	1.834	2.728	12.3	21.1
6 10	14 6.37	−12 53.5	1.907	2.718	15.4	21.3

262792 2006 YF_{38} 5 1.1 138°.71 0°.3/ 1.3 17

4 1	14 57.95	−17 14.8	1.803	2.680	12.5	21.2
4 11	14 51.51	−16 56.6	1.740	2.685	8.8	20.9
4 21	14 43.18	−16 29.2	1.700	2.691	4.6	20.7
5 1	14 33.83	−15 55.2	1.688	2.696	0.3	20.4
5 11	14 24.57	−15 19.0	1.703	2.700	4.3	20.7
5 21	14 16.38	−14 45.5	1.746	2.705	8.5	21.0
5 31	14 10.08	−14 19.0	1.812	2.709	12.3	21.2
6 10	14 6.14	−14 3.0	1.899	2.713	15.4	21.4

444045 2004 QY_{26} 5 1.1 287°.49 16°.8/ 5.6 17

4 1	15 11.70	−42 13.5	1.152	1.949	23.2	21.1
4 11	15 4.06	−44 57.4	1.082	1.939	20.7	20.8
4 21	14 51.09	−47 13.0	1.029	1.928	18.4	20.6
5 1	14 33.88	−48 43.9	0.995	1.917	16.9	20.5
5 11	14 15.08	−49 20.4	0.981	1.907	17.0	20.5
5 21	13 57.99	−49 3.7	0.986	1.896	18.6	20.5
5 31	13 45.49	−48 7.0	1.008	1.886	21.2	20.6
6 10	13 39.02	−46 49.3	1.045	1.876	24.0	20.8

139740 2001 QB_{265} 5 1.1 184°.70 3°.6/ 4.3 18

4 1	14 56.79	−28 1.2	2.501	3.331	11.0	20.5
4 11	14 50.48	−28 9.8	2.422	3.332	8.5	20.3
4 21	14 42.60	−28 4.9	2.367	3.331	5.8	20.1
5 1	14 33.84	−27 46.6	2.340	3.331	3.8	20.0
5 11	14 25.05	−27 16.9	2.342	3.330	4.3	20.0
5 21	14 17.06	−26 39.5	2.371	3.328	6.7	20.2
5 31	14 10.54	−25 58.9	2.427	3.327	9.4	20.4
6 10	14 5.96	−25 19.9	2.506	3.325	11.9	20.5

139343 2001 KC_{62} 5 1.1 289°.99 3°.6/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 57.69	− 7 42.7	1.521	2.416	13.3	19.7
4 11	14 51.65	− 7 11.3	1.452	2.407	9.4	19.4
4 21	14 43.39	− 6 38.9	1.407	2.397	5.3	19.2
5 1	14 33.85	− 6 10.5	1.387	2.388	3.7	19.1
5 11	14 24.24	− 5 51.6	1.394	2.379	7.0	19.2
5 21	14 15.73	− 5 46.0	1.425	2.370	11.3	19.4
5 31	14 9.29	− 5 56.4	1.478	2.361	15.4	19.7
6 10	14 5.50	− 6 22.9	1.550	2.352	18.8	19.9

519959 2013 SZ_{101} 5 1.1 188°.74 4°.8/26.3 17

4 1	14 55.10	− 2 32.1	2.254	3.138	10.1	21.7
4 11	14 49.19	− 1 17.1	2.193	3.137	7.3	21.5
4 21	14 41.88	− 0 4.3	2.159	3.136	5.2	21.4
5 1	14 33.85	+ 1 0.7	2.153	3.134	5.1	21.4
5 11	14 25.87	+ 1 52.7	2.175	3.131	7.2	21.5
5 21	14 18.69	+ 2 28.5	2.224	3.128	9.9	21.7
5 31	14 12.91	+ 2 46.2	2.297	3.124	12.6	21.8
6 10	14 8.95	+ 2 46.4	2.388	3.120	14.8	22.0

39399 6688 $P–L$ 5 1.1 258°.15 1°.5/ 2.4 18

4 1	14 54.94	−20 59.3	2.546	3.404	10.0	20.1
4 11	14 49.19	−20 52.5	2.455	3.389	7.2	19.9
4 21	14 41.95	−20 36.4	2.390	3.373	4.2	19.7
5 1	14 33.85	−20 12.3	2.352	3.357	1.5	19.5
5 11	14 25.64	−19 42.7	2.344	3.341	3.4	19.6
5 21	14 18.08	−19 10.8	2.364	3.324	6.6	19.8
5 31	14 11.82	−18 40.5	2.411	3.307	9.6	19.9
6 10	14 7.34	−18 15.4	2.480	3.290	12.3	20.1

37330 2001 QN_{136} 5 1.1 251°.29 3°.5/ 4.3 18

4 1	14 55.09	−27 58.3	2.297	3.135	11.7	18.6
4 11	14 49.43	−27 46.3	2.211	3.126	8.9	18.4
4 21	14 42.11	−27 18.8	2.149	3.117	6.0	18.2
5 1	14 33.85	−26 36.5	2.114	3.108	3.7	18.0
5 11	14 25.55	−25 42.4	2.107	3.099	4.3	18.1
5 21	14 18.07	−24 41.2	2.128	3.089	7.1	18.2
5 31	14 12.13	−23 38.8	2.175	3.080	10.1	18.4
6 10	14 8.22	−22 40.7	2.244	3.070	12.9	18.5

438139 2005 RF_{45} 5 1.1 227°.21 0°.9/30.0 16

4 1	14 52.76	−13 57.7	2.836	3.710	8.6	22.0
4 11	14 47.45	−13 11.3	2.752	3.699	5.9	21.8
4 21	14 40.97	−12 19.6	2.696	3.688	3.0	21.6
5 1	14 33.85	−11 25.4	2.670	3.676	1.0	21.4
5 11	14 26.72	−10 32.5	2.673	3.664	3.6	21.6
5 21	14 20.17	− 9 44.4	2.706	3.651	6.6	21.8
5 31	14 14.72	− 9 4.3	2.764	3.638	9.3	21.9
6 10	14 10.77	− 8 34.4	2.846	3.625	11.6	22.1

470023 2006 RM_{73} 5 1.1 220°.32 0°.8/ 1.8 16

4 1	14 54.97	−19 7.8	2.689	3.551	9.4	22.2
4 11	14 49.08	−18 51.5	2.604	3.542	6.7	22.0
4 21	14 41.85	−18 27.3	2.546	3.532	3.6	21.8
5 1	14 33.86	−17 56.8	2.516	3.523	0.8	21.6
5 11	14 25.83	−17 22.8	2.516	3.513	3.2	21.7
5 21	14 18.44	−16 48.6	2.545	3.502	6.3	21.9
5 31	14 12.30	−16 17.7	2.600	3.491	9.2	22.1
6 10	14 7.82	−15 53.0	2.678	3.479	11.7	22.3

303769 2005 QD_{172} 5 1.1 188°.56 1°.2/29.6 16

4 1	14 52.33	−12 16.5	3.074	3.949	7.9	21.7
4 11	14 47.04	−11 31.9	3.001	3.948	5.5	21.5
4 21	14 40.72	−10 43.7	2.956	3.947	2.8	21.3
5 1	14 33.86	− 9 54.7	2.940	3.945	1.3	21.2
5 11	14 27.03	− 9 8.3	2.955	3.942	3.6	21.4
5 21	14 20.77	− 8 27.3	2.998	3.939	6.2	21.5
5 31	14 15.53	− 7 54.3	3.068	3.936	8.7	21.7
6 10	14 11.66	− 7 30.9	3.161	3.932	10.8	21.8

168311 3312 $T\text{-}_3$ 5 1.1 254°.53 1°.2/30.3 16

4 1	14 58.82	−14 21.2	1.591	2.476	13.4	21.0
4 11	14 52.53	−13 42.8	1.508	2.459	9.4	20.7
4 21	14 43.91	−12 54.9	1.450	2.442	4.8	20.4
5 1	14 33.87	−12 1.7	1.418	2.424	1.3	20.1
5 11	14 23.65	−11 9.2	1.413	2.406	5.6	20.3
5 21	14 14.45	−10 23.9	1.433	2.387	10.5	20.5
5 31	14 7.31	− 9 51.3	1.477	2.368	14.9	20.7
6 10	14 2.89	− 9 34.7	1.539	2.348	18.6	20.9

148335 2000 QJ_{159} 5 1.1 310°.67 7°.1/23.9 18

4 1	14 51.61	+ 0 18.3	1.813	2.708	11.5	19.7
4 11	14 47.20	+ 2 5.6	1.739	2.684	8.9	19.4
4 21	14 41.04	+ 3 50.6	1.690	2.660	7.2	19.3
5 1	14 33.86	+ 5 24.5	1.668	2.636	7.7	19.3
5 11	14 26.56	+ 6 39.3	1.671	2.612	10.1	19.4
5 21	14 20.06	+ 7 29.8	1.698	2.588	13.2	19.5
5 31	14 15.13	+ 7 53.5	1.746	2.565	16.2	19.6
6 10	14 12.31	+ 7 51.3	1.810	2.543	18.8	19.8

249606 1999 RV_{93} 5 1.1 253°.10 4°.7/ 3.6 17 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 2.90	−26 35.0	1.789	2.632	14.2	20.8
4 11	14 55.56	−27 12.1	1.697	2.615	10.9	20.5
4 21	14 45.56	−27 34.1	1.629	2.598	7.4	20.3
5 1	14 33.90	−27 38.8	1.587	2.579	4.9	20.1
5 11	14 21.83	−27 26.9	1.572	2.560	5.9	20.1
5 21	14 10.71	−27 2.1	1.583	2.541	9.4	20.2
5 31	14 1.72	−26 30.8	1.619	2.521	13.2	20.4
6 10	13 55.64	−26 0.2	1.676	2.501	16.6	20.6

417695 2007 BF_{55} 5 1.1 66°.03 6°.0/27.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.08	− 1 30.4	1.518	2.411	13.4	20.8
4 11	14 51.55	− 0 42.3	1.482	2.430	9.8	20.6
4 21	14 43.14	− 0 1.1	1.469	2.449	6.8	20.5
5 1	14 33.88	+ 0 27.2	1.482	2.468	6.3	20.5
5 11	14 24.94	+ 0 38.1	1.521	2.487	8.7	20.7
5 21	14 17.32	+ 0 29.7	1.583	2.506	12.0	20.9
5 31	14 11.77	+ 0 2.5	1.668	2.525	15.2	21.2
6 10	14 8.66	− 0 41.5	1.770	2.543	17.8	21.4

196302 2003 FJ_{10} 5 1.1 71°.56 2°.2/ 2.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.03	−20 5.5	1.266	2.148	16.4	20.1
4 11	14 54.91	−20 19.5	1.216	2.161	11.8	19.8
4 21	14 45.11	−20 19.1	1.188	2.175	6.7	19.6
5 1	14 33.90	−20 5.6	1.184	2.189	2.3	19.3
5 11	14 22.90	−19 43.2	1.205	2.203	5.4	19.6
5 21	14 13.56	−19 18.1	1.250	2.217	10.3	19.9
5 31	14 6.93	−18 56.8	1.318	2.231	14.8	20.2
6 10	14 3.53	−18 44.4	1.404	2.245	18.4	20.4

320556 2008 AC_{45} 5 1.1 307°.56 1°.8/28.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 50.22	− 5 56.6	4.141	5.017	6.0	20.0
4 11	14 45.41	− 5 52.3	4.066	5.011	4.2	19.8
4 21	14 39.84	− 5 48.8	4.019	5.005	2.5	19.7
5 1	14 33.87	− 5 47.7	4.002	4.999	1.9	19.6
5 11	14 27.89	− 5 50.4	4.015	4.993	3.2	19.7
5 21	14 22.29	− 5 57.9	4.057	4.987	5.1	19.9
5 31	14 17.41	− 6 11.0	4.126	4.981	6.9	20.0
6 10	14 13.52	− 6 30.2	4.219	4.975	8.5	20.1

365473 2010 PF_{23} 5 1.1 262°.51 1°.2/30.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.96	−14 5.1	1.690	2.573	12.9	21.4
4 11	14 52.59	−13 31.8	1.601	2.551	9.1	21.2
4 21	14 43.96	−12 49.8	1.536	2.528	4.7	20.8
5 1	14 33.89	−12 2.8	1.498	2.505	1.2	20.5
5 11	14 23.57	−11 16.3	1.487	2.481	5.4	20.8
5 21	14 14.16	−10 35.9	1.503	2.456	10.2	21.0
5 31	14 6.69	−10 7.1	1.542	2.431	14.5	21.2
6 10	14 1.83	− 9 53.1	1.600	2.405	18.1	21.4

349386 Randywright 5 1.1 254°.29 3°.5/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.55	− 4 55.7	2.235	3.118	10.2	21.3
4 11	14 50.34	− 4 33.5	2.159	3.106	7.3	21.1
4 21	14 42.56	− 4 13.0	2.108	3.093	4.5	20.9
5 1	14 33.89	− 3 57.7	2.086	3.081	3.6	20.8
5 11	14 25.16	− 3 50.8	2.092	3.068	5.9	20.9
5 21	14 17.17	− 3 54.7	2.125	3.055	9.0	21.1
5 31	14 10.62	− 4 10.7	2.183	3.041	12.0	21.2
6 10	14 5.97	− 4 39.0	2.261	3.028	14.6	21.4

374073 2004 RZ_{138} 5 1.1 210°.40 0°.5/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.64	−19 35.2	2.183	3.050	11.1	20.9
4 11	14 49.74	−18 45.0	2.104	3.044	7.8	20.7
4 21	14 42.25	−17 43.1	2.050	3.038	4.2	20.4
5 1	14 33.90	−16 33.0	2.025	3.032	0.5	20.1
5 11	14 25.56	−15 19.7	2.028	3.025	3.8	20.4
5 21	14 18.07	−14 8.9	2.060	3.017	7.6	20.6
5 31	14 12.13	−13 5.9	2.118	3.009	11.0	20.8
6 10	14 8.17	−12 14.9	2.198	3.001	13.9	21.0

349907 2009 FV_{68} 5 1.1 44°.83 3°.7/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.37	− 4 14.9	1.869	2.755	11.7	20.1
4 11	14 51.59	− 4 14.5	1.822	2.770	8.3	19.9
4 21	14 43.15	− 4 17.8	1.799	2.785	5.0	19.7
5 1	14 33.91	− 4 27.9	1.803	2.800	3.8	19.7
5 11	14 24.84	− 4 46.9	1.836	2.816	6.2	19.8
5 21	14 16.85	− 5 15.9	1.895	2.831	9.5	20.1
5 31	14 10.63	− 5 55.3	1.977	2.847	12.6	20.3
6 10	14 6.60	− 6 44.3	2.081	2.864	15.2	20.5

330089 2005 WP_{91} 5 1.1 252°.85 1°.6/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.41	−12 2.3	1.881	2.765	11.7	20.5
4 11	14 51.23	−11 36.9	1.802	2.752	8.2	20.2
4 21	14 43.13	−11 6.4	1.748	2.739	4.2	20.0
5 1	14 33.91	−10 34.5	1.720	2.726	1.7	19.8
5 11	14 24.59	−10 5.4	1.721	2.712	5.1	20.0
5 21	14 16.14	− 9 43.4	1.748	2.698	9.2	20.2
5 31	14 9.43	− 9 31.9	1.800	2.684	13.0	20.4
6 10	14 4.99	− 9 33.0	1.871	2.670	16.1	20.6

356880 2011 WU_{127} 5 1.1 244°.56 1°.7/29.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 54.62	−10 16.8	2.530	3.410	9.3	21.6
4 11	14 48.88	− 9 52.9	2.449	3.398	6.4	21.4
4 21	14 41.78	− 9 26.6	2.395	3.386	3.4	21.2
5 1	14 33.90	− 9 0.6	2.369	3.373	1.8	21.0
5 11	14 25.97	− 8 38.1	2.373	3.360	4.3	21.2
5 21	14 18.69	− 8 21.9	2.404	3.347	7.5	21.4
5 31	14 12.65	− 8 14.4	2.461	3.333	10.4	21.5
6 10	14 8.29	− 8 16.8	2.540	3.320	12.9	21.7

215091 6228 *P–L* 5 1.1 214°.71 2°.0/29.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.14	−13 5.3	1.709	2.594	12.6	21.0
4 11	14 51.79	−12 3.9	1.636	2.587	8.8	20.7
4 21	14 43.42	−10 54.0	1.588	2.580	4.5	20.5
5 1	14 33.91	− 9 41.3	1.567	2.572	2.1	20.3
5 11	14 24.40	− 8 32.7	1.574	2.564	5.8	20.5
5 21	14 15.94	− 7 34.5	1.608	2.554	10.1	20.7
5 31	14 9.40	− 6 51.9	1.665	2.545	14.1	20.9
6 10	14 5.31	− 6 27.2	1.741	2.534	17.4	21.1

20518 Rendtel 5 1.1 265°.58 2°.8/ 3.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.05	−24 22.1	2.451	3.298	10.7	18.5
4 11	14 50.05	−24 34.9	2.365	3.288	8.0	18.3
4 21	14 42.45	−24 36.8	2.303	3.278	5.1	18.1
5 1	14 33.91	−24 27.8	2.269	3.268	2.9	17.9
5 11	14 25.26	−24 10.0	2.264	3.257	3.9	18.0
5 21	14 17.30	−23 46.3	2.287	3.247	6.8	18.2
5 31	14 10.77	−23 20.7	2.336	3.236	9.7	18.3
6 10	14 6.15	−22 57.5	2.407	3.225	12.4	18.5

471754 2012 UH_{96} 5 1.1 306°.80 0°.5/30.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 53.16	−17 19.8	1.753	2.638	12.4	21.5
4 11	14 48.36	−16 20.1	1.673	2.623	8.7	21.2
4 21	14 41.67	−15 7.8	1.617	2.609	4.5	20.9
5 1	14 33.90	−13 47.5	1.588	2.595	0.5	20.6
5 11	14 26.08	−12 26.1	1.586	2.581	4.8	20.9
5 21	14 19.18	−11 10.8	1.610	2.568	9.2	21.1
5 31	14 14.03	−10 7.9	1.658	2.555	13.2	21.3
6 10	14 11.18	− 9 21.6	1.726	2.542	16.6	21.5

372417 2009 RO_{49} 5 1.1 149°.69 1°.3/29.9 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.30	−13 18.2	2.442	3.316	9.8	22.5
4 11	14 49.92	−12 29.7	2.381	3.328	6.7	22.3
4 21	14 42.24	−11 36.2	2.348	3.339	3.4	22.1
5 1	14 33.91	−10 41.3	2.343	3.349	1.3	22.0
5 11	14 25.72	− 9 49.3	2.369	3.358	4.1	22.2
5 21	14 18.34	− 9 4.0	2.423	3.367	7.3	22.4
5 31	14 12.36	− 8 28.6	2.504	3.375	10.2	22.6
6 10	14 8.13	− 8 4.9	2.606	3.382	12.6	22.8

476477 2008 FY_{30} 5 1.1 252°.40 4°.3/ 4.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.42	−29 26.2	2.374	3.202	11.7	20.8
4 11	14 50.38	−29 43.0	2.292	3.198	9.1	20.6
4 21	14 42.64	−29 45.2	2.235	3.193	6.5	20.5
5 1	14 33.92	−29 32.3	2.204	3.189	4.5	20.3
5 11	14 25.13	−29 6.1	2.201	3.185	4.9	20.3
5 21	14 17.14	−28 30.2	2.225	3.181	7.2	20.5
5 31	14 10.70	−27 49.4	2.275	3.177	9.9	20.6
6 10	14 6.31	−27 9.2	2.347	3.172	12.4	20.8

7608 Telegramia 5 1.1 154°.90 0°.5/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.29	−15 11.8	1.927	2.802	11.9	18.6
4 11	14 52.34	−14 48.6	1.864	2.810	8.3	18.4
4 21	14 43.60	−14 18.2	1.826	2.817	4.2	18.1
5 1	14 33.93	−13 43.5	1.816	2.823	0.5	17.8
5 11	14 24.36	−13 9.0	1.834	2.829	4.4	18.2
5 21	14 15.83	−12 38.8	1.880	2.834	8.4	18.4
5 31	14 9.11	−12 16.8	1.951	2.839	12.0	18.6
6 10	14 4.64	−12 5.6	2.043	2.843	14.9	18.9

350118 2011 QW_{40} 5 1.1 67°.01 0°.8/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 53.44	−20 30.9	2.112	2.981	11.3	20.3
4 11	14 48.20	−19 46.0	2.046	2.987	8.0	20.1
4 21	14 41.44	−18 49.5	2.004	2.992	4.3	19.9
5 1	14 33.92	−17 44.8	1.990	2.997	0.9	19.6
5 11	14 26.49	−16 36.8	2.005	3.002	3.7	19.8
5 21	14 19.95	−15 31.1	2.047	3.008	7.3	20.1
5 31	14 14.95	−14 32.8	2.114	3.013	10.7	20.3
6 10	14 11.90	−13 45.7	2.204	3.019	13.5	20.5

499620 2010 UG_{53} 5 1.1 272°.87 1°.9/ 2.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.35	−22 57.7	1.640	2.508	14.0	22.0
4 11	14 51.60	−22 18.9	1.547	2.485	10.3	21.7
4 21	14 43.50	−21 21.1	1.478	2.463	6.0	21.4
5 1	14 33.94	−20 6.6	1.435	2.440	2.1	21.1
5 11	14 24.15	−18 41.3	1.418	2.416	4.8	21.2
5 21	14 15.37	−17 13.3	1.428	2.393	9.5	21.4
5 31	14 8.64	−15 51.6	1.462	2.368	14.0	21.6
6 10	14 4.64	−14 43.4	1.516	2.344	17.9	21.8

489530 2007 RU_{73} 5 1.1 231°.97 0°.0/ 1.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 55.70	−16 31.8	2.363	3.234	10.2	22.8
4 11	14 49.75	−16 7.5	2.279	3.223	7.1	22.6
4 21	14 42.27	−15 35.9	2.221	3.211	3.7	22.3
5 1	14 33.93	−14 59.1	2.192	3.199	0.0	21.9
5 11	14 25.54	−14 20.9	2.192	3.187	3.7	22.3
5 21	14 17.85	−13 44.9	2.220	3.174	7.3	22.5
5 31	14 11.56	−13 15.0	2.273	3.161	10.5	22.6
6 10	14 7.13	−12 54.1	2.349	3.147	13.2	22.8

222745 2002 BM_{14} 5 1.1 112°.74 6°.6/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.68	+ 1 30.5	1.928	2.814	11.4	20.3
4 11	14 49.68	+ 2 48.1	1.888	2.827	8.7	20.1
4 21	14 42.16	+ 3 58.2	1.873	2.839	6.8	20.0
5 1	14 33.93	+ 4 54.3	1.884	2.852	6.9	20.1
5 11	14 25.90	+ 5 31.6	1.922	2.864	8.9	20.2
5 21	14 18.87	+ 5 47.8	1.985	2.876	11.5	20.4
5 31	14 13.48	+ 5 42.8	2.069	2.888	14.1	20.6
6 10	14 10.10	+ 5 18.7	2.172	2.899	16.2	20.8

174009 2001 YV_{9} 5 1.1 35°.85 6°.4/ 7.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.17	−35 48.2	1.957	2.766	14.5	19.1
4 11	14 49.71	−35 42.7	1.890	2.775	11.8	18.9
4 21	14 42.31	−35 13.9	1.845	2.785	9.0	18.8
5 1	14 33.93	−34 21.8	1.824	2.795	6.8	18.6
5 11	14 25.69	−33 10.0	1.829	2.805	6.6	18.6
5 21	14 18.60	−31 44.9	1.860	2.816	8.4	18.8
5 31	14 13.46	−30 14.6	1.916	2.827	11.0	19.0
6 10	14 10.71	−28 47.1	1.995	2.838	13.6	19.2

92713 2000 QR_{88} 5 1.1 268°.12 3°.8/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 54.53	− 8 20.0	1.759	2.653	11.9	19.9
4 11	14 49.22	− 7 5.4	1.690	2.644	8.3	19.6
4 21	14 42.09	− 5 47.0	1.645	2.634	4.9	19.4
5 1	14 33.93	− 4 31.5	1.627	2.624	4.0	19.3
5 11	14 25.78	− 3 25.8	1.637	2.615	7.0	19.5
5 21	14 18.55	− 2 35.7	1.671	2.605	10.8	19.7
5 31	14 13.06	− 2 4.5	1.729	2.595	14.3	19.9
6 10	14 9.81	− 1 53.5	1.805	2.585	17.3	20.1

470240 2006 WK_{202} 5 1.1 177°.02 3°.7/ 5.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.02	−30 25.4	2.841	3.658	10.2	21.9
4 11	14 49.12	−30 15.9	2.761	3.660	8.0	21.8
4 21	14 41.88	−29 52.4	2.705	3.661	5.6	21.6
5 1	14 33.94	−29 15.4	2.677	3.662	3.9	21.5
5 11	14 26.02	−28 27.4	2.677	3.662	4.1	21.5
5 21	14 18.83	−27 32.0	2.706	3.662	6.1	21.7
5 31	14 12.95	−26 33.9	2.763	3.662	8.4	21.8
6 10	14 8.78	−25 37.8	2.843	3.661	10.7	22.0

439829 2015 KD_{96} 5 1.1 75°.32 5°.1/26.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 54.71	− 1 15.9	2.070	2.957	10.7	20.6
4 11	14 48.94	− 0 27.1	2.027	2.971	7.8	20.5
4 21	14 41.77	+ 0 16.6	2.009	2.986	5.5	20.3
5 1	14 33.94	+ 0 50.5	2.019	3.000	5.3	20.3
5 11	14 26.29	+ 1 10.7	2.055	3.015	7.3	20.5
5 21	14 19.56	+ 1 15.2	2.117	3.029	10.0	20.7
5 31	14 14.34	+ 1 3.5	2.203	3.044	12.6	20.9
6 10	14 11.00	+ 0 36.8	2.307	3.058	14.8	21.1

331230 2011 BR_{81} 5 1.1 305°.88 6°.7/25.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 54.31	− 1 15.0	1.612	2.509	12.6	20.2
4 11	14 49.13	+ 0 12.3	1.554	2.503	9.4	20.0
4 21	14 42.05	+ 1 35.7	1.521	2.497	7.0	19.8
5 1	14 33.95	+ 2 46.9	1.514	2.492	7.1	19.8
5 11	14 25.89	+ 3 38.6	1.531	2.487	9.6	19.9
5 21	14 18.87	+ 4 6.7	1.573	2.481	13.0	20.1
5 31	14 13.69	+ 4 9.9	1.635	2.476	16.1	20.3
6 10	14 10.83	+ 3 49.8	1.713	2.472	18.9	20.5

421958 2014 QV_{269} 5 1.1 222°.45 4°.6/27.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.85	− 6 7.2	1.685	2.576	12.5	22.2
4 11	14 51.59	− 4 55.5	1.617	2.568	8.9	22.0
4 21	14 43.33	− 3 42.4	1.574	2.560	5.6	21.8
5 1	14 33.96	− 2 34.7	1.557	2.551	4.9	21.7
5 11	14 24.57	− 1 39.6	1.568	2.541	7.8	21.9
5 21	14 16.22	− 1 2.1	1.604	2.530	11.6	22.1
5 31	14 9.75	− 0 45.1	1.662	2.520	15.2	22.3
6 10	14 5.71	− 0 48.7	1.738	2.508	18.2	22.4

118756 2000 QK_{200} 5 1.1 320°.90 7°.2/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 51.91	+ 2 9.1	1.858	2.749	11.4	19.4
4 11	14 47.31	+ 3 38.3	1.797	2.737	8.9	19.3
4 21	14 41.08	+ 5 1.3	1.761	2.726	7.3	19.1
5 1	14 33.94	+ 6 10.5	1.750	2.714	7.7	19.1
5 11	14 26.80	+ 6 59.7	1.765	2.703	9.9	19.2
5 21	14 20.51	+ 7 25.2	1.804	2.692	12.6	19.4
5 31	14 15.77	+ 7 26.3	1.863	2.682	15.4	19.5
6 10	14 13.06	+ 7 4.5	1.939	2.672	17.8	19.7

381797 2009 UK_{38} 5 1.1 231°.50 0°.5/30.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 56.62	−15 44.3	2.038	2.914	11.3	22.0
4 11	14 50.57	−15 7.6	1.957	2.904	7.9	21.7
4 21	14 42.77	−14 22.4	1.902	2.893	4.0	21.5
5 1	14 33.97	−13 32.1	1.874	2.881	0.5	21.2
5 11	14 25.11	−12 41.3	1.875	2.870	4.4	21.4
5 21	14 17.10	−11 55.0	1.904	2.857	8.3	21.7
5 31	14 10.70	−11 17.7	1.957	2.845	11.9	21.9
6 10	14 6.43	−10 52.6	2.032	2.831	15.0	22.0

497881 2006 UC_{239} 5 1.1 164°.99 0°.8/ 1.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.69	−19 3.3	2.018	2.885	11.8	22.8
4 11	14 51.93	−18 41.1	1.950	2.890	8.4	22.6
4 21	14 43.42	−18 8.6	1.907	2.895	4.5	22.4
5 1	14 33.98	−17 28.2	1.892	2.899	0.8	22.1
5 11	14 24.60	−16 44.1	1.905	2.902	4.0	22.4
5 21	14 16.22	−16 1.0	1.946	2.905	7.8	22.6
5 31	14 9.58	−15 23.7	2.013	2.907	11.4	22.8
6 10	14 5.15	−14 55.9	2.101	2.908	14.3	23.0

416244 2003 BZ_{86} 5 1.1 140°.44 3°.3/28.4 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.95	− 7 36.4	1.975	2.861	11.2	22.3
4 11	14 50.61	− 6 42.5	1.921	2.871	7.8	22.1
4 21	14 42.68	− 5 47.7	1.892	2.880	4.5	21.9
5 1	14 33.97	− 4 57.0	1.892	2.889	3.5	21.8
5 11	14 25.41	− 4 15.5	1.919	2.898	6.1	22.0
5 21	14 17.83	− 3 46.8	1.974	2.906	9.5	22.2
5 31	14 11.91	− 3 33.0	2.052	2.913	12.6	22.4
6 10	14 8.04	− 3 34.6	2.150	2.920	15.2	22.6

126828 2002 ER_{59} 5 1.1 122°.84 0°.5/30.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.08	−15 59.4	1.874	2.754	12.0	20.4
4 11	14 50.16	−15 22.6	1.812	2.760	8.3	20.2
4 21	14 42.52	−14 37.4	1.774	2.766	4.2	19.9
5 1	14 33.97	−13 47.4	1.764	2.771	0.5	19.6
5 11	14 25.53	−12 57.8	1.781	2.777	4.4	20.0
5 21	14 18.09	−12 13.6	1.826	2.782	8.5	20.2
5 31	14 12.40	−11 39.2	1.894	2.787	12.0	20.4
6 10	14 8.90	−11 17.3	1.983	2.791	15.0	20.7

500813 2013 GR_{71} 5 1.1 294°.77 1°.8/30.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.24	−13 15.6	1.363	2.259	14.5	21.8
4 11	14 51.83	−12 37.5	1.278	2.234	10.2	21.4
4 21	14 43.77	−11 49.6	1.215	2.208	5.3	21.1
5 1	14 33.99	−10 56.9	1.177	2.183	1.9	20.8
5 11	14 23.85	−10 6.3	1.164	2.158	6.5	21.0
5 21	14 14.75	− 9 25.0	1.175	2.133	11.9	21.2
5 31	14 7.92	− 8 59.2	1.208	2.108	16.8	21.4
6 10	14 4.13	− 8 52.4	1.257	2.083	21.0	21.6

427209 2014 WJ_{2} 5 1.1 201°.72 0°.7/30.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.37	−16 13.1	1.738	2.619	12.7	21.7
4 11	14 51.24	−15 22.7	1.668	2.617	8.9	21.5
4 21	14 43.15	−14 21.8	1.622	2.614	4.5	21.2
5 1	14 33.98	−13 14.9	1.603	2.610	0.7	20.9
5 11	14 24.85	−12 8.3	1.612	2.607	4.9	21.2
5 21	14 16.78	−11 8.3	1.647	2.602	9.3	21.5
5 31	14 10.61	−10 20.5	1.707	2.598	13.2	21.7
6 10	14 6.84	− 9 48.2	1.786	2.593	16.5	21.9

462596 2009 HN_{16} 5 1.1 135°.53 4°.8/27.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.87	− 5 27.0	1.569	2.463	13.1	21.5
4 11	14 51.57	− 4 24.2	1.517	2.469	9.3	21.3
4 21	14 43.28	− 3 22.4	1.488	2.474	5.8	21.1
5 1	14 33.99	− 2 28.3	1.487	2.480	5.1	21.1
5 11	14 24.85	− 1 48.4	1.511	2.485	7.9	21.2
5 21	14 16.91	− 1 26.7	1.560	2.490	11.7	21.5
5 31	14 10.99	− 1 24.8	1.631	2.494	15.2	21.7
6 10	14 7.54	− 1 42.0	1.720	2.498	18.1	21.9

55646 2637 P–L 5 1.1 151°.90 0°.4/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.26	−16 3.3	1.994	2.869	11.6	19.6
4 11	14 50.91	−15 28.3	1.930	2.876	8.0	19.4
4 21	14 42.88	−14 45.2	1.891	2.882	4.1	19.2
5 1	14 33.99	−13 57.4	1.881	2.888	0.4	18.9
5 11	14 25.20	−13 9.6	1.899	2.894	4.3	19.2
5 21	14 17.38	−12 26.6	1.944	2.899	8.1	19.4
5 31	14 11.26	−11 52.5	2.014	2.903	11.6	19.6
6 10	14 7.28	−11 30.2	2.106	2.907	14.5	19.8

82041 2000 SL_{191} 5 1.1 79°.27 3°.1/27.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 50.65	− 4 10.2	3.042	3.925	7.8	19.2
4 11	14 45.84	− 3 26.4	2.996	3.942	5.5	19.1
4 21	14 40.12	− 2 44.4	2.977	3.958	3.6	19.0
5 1	14 33.97	− 2 7.5	2.986	3.975	3.3	19.0
5 11	14 27.92	− 1 38.4	3.025	3.991	4.9	19.1
5 21	14 22.46	− 1 19.0	3.091	4.008	7.0	19.3
5 31	14 17.99	− 1 10.5	3.182	4.024	9.1	19.4
6 10	14 14.82	− 1 13.1	3.295	4.040	10.8	19.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
201508 2003 OD_1			5 1.1 188°.75	6°.8/ 8.9 18		
	h m	° ′			°	m
4 1	14 59.49	−41 40.3	2.646	3.395	12.7	19.6
4 11	14 52.46	−41 33.5	2.558	3.394	10.7	19.5
4 21	14 43.68	−41 4.7	2.492	3.393	8.8	19.3
5 1	14 34.00	−40 12.7	2.452	3.391	7.3	19.2
5 11	14 24.40	−38 59.7	2.438	3.388	6.8	19.2
5 21	14 15.81	−37 30.3	2.452	3.385	7.8	19.3
5 31	14 8.97	−35 51.4	2.493	3.381	9.7	19.4
6 10	14 4.33	−34 10.4	2.559	3.377	11.7	19.5
408287 2013 GR_{11}			5 1.1 24°.25	2°.6/29.6 17		
4 1	14 56.07	−12 13.3	1.136	2.043	15.9	20.2
4 11	14 50.87	−11 24.1	1.087	2.048	11.0	19.9
4 21	14 43.11	−10 27.4	1.059	2.053	5.7	19.6
5 1	14 33.99	− 9 30.4	1.054	2.059	2.7	19.5
5 11	14 25.05	− 8 41.3	1.073	2.066	7.1	19.8
5 21	14 17.64	− 8 7.0	1.114	2.073	12.3	20.1
5 31	14 12.78	− 7 51.7	1.176	2.081	16.8	20.3
6 10	14 10.96	− 7 56.6	1.254	2.089	20.5	20.6
513052 2017 VM_{10}			5 1.1 137°.96	6°.0/ 6.2 18		
4 1	15 2.11	−36 5.5	2.780	3.557	11.5	21.1
4 11	14 54.27	−36 54.9	2.706	3.566	9.5	20.9
4 21	14 44.65	−37 28.4	2.657	3.576	7.5	20.8
5 1	14 34.01	−37 43.7	2.634	3.585	6.2	20.8
5 11	14 23.28	−37 41.2	2.640	3.594	6.2	20.8
5 21	14 13.36	−37 23.6	2.674	3.603	7.4	20.9
5 31	14 5.03	−36 55.3	2.734	3.611	9.3	21.0
6 10	13 58.82	−36 21.8	2.817	3.618	11.2	21.1
111975 2002 GA_{89}			5 1.1 211°.36	4°.5/26.6 17		
4 1	14 56.74	− 7 48.6	1.890	2.778	11.5	19.7
4 11	14 50.62	− 5 44.6	1.821	2.771	8.1	19.5
4 21	14 42.78	− 3 35.3	1.779	2.764	5.1	19.3
5 1	14 34.00	− 1 29.7	1.767	2.756	4.9	19.3
5 11	14 25.26	+ 0 23.3	1.784	2.748	7.8	19.4
5 21	14 17.47	+ 1 56.3	1.827	2.739	11.3	19.6
5 31	14 11.37	+ 3 5.2	1.894	2.729	14.6	19.8
6 10	14 7.43	+ 3 49.1	1.980	2.718	17.3	20.0
344599 2003 DM_{23}			5 1.1 132°.52	6°.2/24.8 18		
4 1	14 53.31	+ 3 39.5	2.382	3.261	9.8	20.5
4 11	14 47.90	+ 4 46.3	2.336	3.267	7.7	20.4
4 21	14 41.25	+ 5 45.5	2.315	3.273	6.3	20.3
5 1	14 33.98	+ 6 32.2	2.322	3.279	6.5	20.3
5 11	14 26.82	+ 7 2.5	2.355	3.285	8.1	20.4
5 21	14 20.43	+ 7 14.5	2.414	3.291	10.3	20.6
5 31	14 15.33	+ 7 8.2	2.495	3.296	12.4	20.7
6 10	14 11.89	+ 6 45.0	2.594	3.302	14.3	20.9
479087 2013 AS_{108}			5 1.1 258°.79	2°.8/ 3.7 17		
4 1	14 54.26	−25 42.8	2.360	3.206	11.1	21.0
4 11	14 48.80	−25 31.3	2.282	3.205	8.3	20.8
4 21	14 41.81	−25 6.6	2.229	3.203	5.3	20.6
5 1	14 33.99	−24 29.7	2.203	3.201	3.0	20.4
5 11	14 26.18	−23 43.8	2.205	3.199	3.8	20.5
5 21	14 19.15	−22 53.1	2.235	3.197	6.7	20.7
5 31	14 13.59	−22 2.7	2.291	3.195	9.7	20.9
6 10	14 9.93	−21 17.0	2.369	3.193	12.4	21.0
117703 2005 EK_{300}			5 1.1 130°.72	0°.1/ 1.0 17		
4 1	14 55.26	−16 33.2	2.023	2.900	11.3	21.0
4 11	14 49.55	−16 3.9	1.956	2.903	7.9	20.8
4 21	14 42.20	−15 26.3	1.915	2.906	4.1	20.6
5 1	14 34.00	−14 43.7	1.901	2.908	0.1	20.3
5 11	14 25.85	−14 0.3	1.915	2.911	4.1	20.6
5 21	14 18.60	−13 20.7	1.956	2.913	7.9	20.8
5 31	14 12.97	−12 49.1	2.022	2.915	11.3	21.1
6 10	14 9.40	−12 28.2	2.109	2.917	14.2	21.3
203156 2000 WK_{138}			5 1.1 175°.32	0°.2/30.8 18		
4 1	14 49.81	−15 12.9	4.122	4.989	6.3	22.0
4 11	14 45.16	−14 48.5	4.048	4.991	4.3	21.8
4 21	14 39.76	−14 20.7	4.002	4.992	2.2	21.7
5 1	14 33.98	−13 50.9	3.986	4.994	0.2	21.5
5 11	14 28.22	−13 21.1	4.001	4.995	2.3	21.7
5 21	14 22.87	−12 53.4	4.045	4.995	4.4	21.8
5 31	14 18.26	−12 29.4	4.117	4.996	6.4	22.0
6 10	14 14.67	−12 10.8	4.213	4.996	8.1	22.1
53966 2000 GA_{65}			5 1.1 245°.52	1°.0/30.3 18		
4 1	14 56.65	−14 38.0	1.895	2.776	11.8	19.7
4 11	14 50.71	−13 54.5	1.813	2.763	8.2	19.5
4 21	14 42.90	−13 2.6	1.757	2.749	4.2	19.2
5 1	14 34.01	−12 6.2	1.729	2.736	1.1	18.9
5 11	14 25.03	−11 10.7	1.728	2.721	4.9	19.2
5 21	14 16.94	−10 21.5	1.755	2.707	9.0	19.4
5 31	14 10.56	− 9 43.4	1.805	2.692	12.8	19.6
6 10	14 6.43	− 9 19.5	1.876	2.676	16.0	19.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
390605 2001 TL_{174}			5 1.1 114°.97	1°.3/30.1 18		
	h m	° ′			°	m
4 1	14 57.69	−10 38.0	2.469	3.344	9.7	20.9
4 11	14 50.91	−10 36.1	2.411	3.357	6.7	20.7
4 21	14 42.80	−10 32.3	2.380	3.371	3.4	20.6
5 1	14 34.01	−10 28.7	2.378	3.384	1.4	20.4
5 11	14 25.33	−10 27.5	2.406	3.396	4.0	20.6
5 21	14 17.45	−10 30.7	2.463	3.409	7.1	20.8
5 31	14 10.96	−10 40.1	2.546	3.421	9.9	21.0
6 10	14 6.25	−10 56.7	2.651	3.433	12.3	21.2
299922 2006 TY_6			5 1.1 149°.32	0°.4/30.7 18		
4 1	14 53.38	−16 18.1	2.422	3.296	9.8	21.3
4 11	14 48.02	−15 32.5	2.354	3.300	6.8	21.1
4 21	14 41.35	−14 39.7	2.313	3.304	3.5	20.8
5 1	14 34.00	−13 42.9	2.300	3.307	0.4	20.6
5 11	14 26.73	−12 46.5	2.317	3.311	3.7	20.9
5 21	14 20.22	−11 54.6	2.361	3.314	7.0	21.1
5 31	14 15.03	−11 11.0	2.432	3.317	10.0	21.3
6 10	14 11.55	−10 38.3	2.524	3.320	12.5	21.5
172052 2001 XX_{125}			5 1.1 71°.37	4°.0/28.1 18		
4 1	14 55.58	− 3 43.1	2.115	3.001	10.5	19.8
4 11	14 49.57	− 3 14.1	2.067	3.014	7.5	19.6
4 21	14 42.14	− 2 48.4	2.043	3.027	4.8	19.5
5 1	14 34.02	− 2 29.7	2.048	3.039	4.1	19.4
5 11	14 26.04	− 2 21.3	2.080	3.052	6.2	19.6
5 21	14 18.97	− 2 25.0	2.139	3.065	9.1	19.8
5 31	14 13.40	− 2 41.7	2.221	3.078	11.9	20.0
6 10	14 9.73	− 3 10.8	2.324	3.091	14.3	20.2
123173 2000 TK_{61}			5 1.1 208°.45	5°.3/26.3 18		
4 1	14 55.98	− 0 20.6	2.266	3.146	10.1	20.8
4 11	14 49.89	+ 0 39.2	2.201	3.140	7.6	20.6
4 21	14 42.35	+ 1 34.9	2.162	3.134	5.6	20.5
5 1	14 34.02	+ 2 21.3	2.151	3.127	5.5	20.5
5 11	14 25.72	+ 2 54.0	2.168	3.119	7.5	20.6
5 21	14 18.18	+ 3 10.2	2.211	3.111	10.1	20.7
5 31	14 12.05	+ 3 9.1	2.278	3.102	12.7	20.9
6 10	14 7.76	+ 2 51.2	2.364	3.093	15.0	21.1
210129 2006 RD_{73}			5 1.1 333°.66	0°.1/ 1.2 17		
4 1	14 54.41	−16 36.2	1.819	2.702	12.1	20.5
4 11	14 49.20	−16 18.0	1.746	2.694	8.5	20.2
4 21	14 42.13	−15 51.1	1.696	2.688	4.4	20.0
5 1	14 34.02	−15 18.3	1.674	2.681	0.1	19.6
5 11	14 25.87	−14 43.9	1.678	2.675	4.3	19.9
5 21	14 18.64	−14 12.5	1.709	2.670	8.5	20.2
5 31	14 13.14	−13 48.5	1.763	2.665	12.3	20.4
6 10	14 9.89	−13 35.1	1.838	2.660	15.5	20.6
146158 2000 SF_{169}			5 1.1 159°.11	1°.4/ 2.7 18		
4 1	14 53.87	−22 27.9	2.930	3.780	9.1	20.2
4 11	14 48.21	−22 1.4	2.857	3.786	6.5	20.1
4 21	14 41.41	−21 25.5	2.810	3.792	3.8	19.9
5 1	14 34.02	−20 42.0	2.793	3.797	1.5	19.7
5 11	14 26.70	−19 53.8	2.806	3.802	2.9	19.8
5 21	14 20.03	−19 4.5	2.847	3.806	5.6	20.0
5 31	14 14.54	−18 17.8	2.916	3.810	8.2	20.2
6 10	14 10.57	−17 36.8	3.009	3.814	10.5	20.4
111466 2001 YF_2			5 1.1 161°.38	2°.2/ 2.8 18		
4 1	14 58.34	−22 43.7	1.970	2.828	12.5	20.0
4 11	14 51.82	−22 37.0	1.900	2.832	9.1	19.8
4 21	14 43.44	−22 17.3	1.854	2.835	5.4	19.5
5 1	14 34.05	−21 45.9	1.835	2.838	2.4	19.3
5 11	14 24.69	−21 6.4	1.844	2.841	4.1	19.5
5 21	14 16.34	−20 23.7	1.881	2.843	7.8	19.7
5 31	14 9.79	−19 43.1	1.943	2.845	11.3	19.9
6 10	14 5.54	−19 9.4	2.026	2.847	14.3	20.1
224530 2005 WJ_{101}			5 1.1 120°.91	0°.7/30.6 17		
4 1	14 56.46	−15 17.2	1.773	2.656	12.4	21.3
4 11	14 50.54	−14 42.5	1.710	2.660	8.6	21.1
4 21	14 42.78	−13 59.7	1.671	2.663	4.4	20.8
5 1	14 34.05	−13 12.5	1.660	2.667	0.7	20.6
5 11	14 25.39	−12 26.3	1.675	2.670	4.7	20.9
5 21	14 17.79	−11 46.1	1.717	2.674	8.9	21.1
5 31	14 12.01	−11 16.3	1.783	2.677	12.6	21.3
6 10	14 8.53	−10 59.6	1.870	2.680	15.7	21.6
332884 2011 AG_{53}			5 1.1 330°.34	6°.5/27.1 17		
4 1	14 54.32	− 2 37.6	1.329	2.234	14.1	19.6
4 11	14 49.60	− 1 43.8	1.262	2.217	10.4	19.3
4 21	14 42.52	− 0 53.7	1.217	2.201	7.2	19.1
5 1	14 34.05	− 0 15.1	1.196	2.185	6.8	19.0
5 11	14 25.45	+ 0 4.7	1.199	2.171	9.7	19.1
5 21	14 17.97	+ 0 1.6	1.224	2.157	13.8	19.3
5 31	14 12.65	− 0 25.5	1.268	2.145	17.8	19.5
6 10	14 10.11	− 1 14.9	1.329	2.133	21.2	19.7

139648 2001 QA_{172} 5 1.1 312°.13 4°.1/27.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 52.44	− 7 28.6	1.799	2.695	11.5	19.6
4 11	14 47.79	− 6 11.1	1.726	2.681	8.1	19.4
4 21	14 41.41	− 4 50.4	1.679	2.667	5.0	19.2
5 1	14 34.04	− 3 33.1	1.658	2.653	4.3	19.1
5 11	14 26.63	− 2 26.3	1.665	2.640	7.2	19.2
5 21	14 20.08	− 1 35.6	1.696	2.627	10.8	19.4
5 31	14 15.15	− 1 4.5	1.749	2.614	14.2	19.6
6 10	14 12.35	− 0 53.8	1.822	2.601	17.2	19.8

398707 2012 XF_{50} 5 1.1 315°.99 3°.5/28.6 17

4 1	14 56.05	− 5 23.4	2.059	2.945	10.8	20.6
4 11	14 50.07	− 5 2.0	1.994	2.943	7.6	20.4
4 21	14 42.49	− 4 42.3	1.954	2.940	4.6	20.2
5 1	14 34.06	− 4 27.9	1.942	2.938	3.6	20.1
5 11	14 25.64	− 4 22.3	1.958	2.936	6.0	20.3
5 21	14 18.08	− 4 27.7	2.000	2.934	9.2	20.5
5 31	14 12.06	− 4 45.4	2.066	2.932	12.3	20.6
6 10	14 8.03	− 5 15.2	2.153	2.930	14.9	20.8

341856 2008 FN_{94} 5 1.1 319°.83 1°.4/28.9 18

4 1	14 47.36	− 9 16.3	4.086	4.966	6.0	20.9
4 11	14 43.51	− 8 43.9	4.014	4.962	4.1	20.8
4 21	14 38.95	− 8 10.5	3.970	4.959	2.3	20.6
5 1	14 34.03	− 7 38.0	3.955	4.956	1.5	20.6
5 11	14 29.11	− 7 8.6	3.970	4.953	3.0	20.7
5 21	14 24.57	− 6 44.0	4.014	4.950	5.0	20.8
5 31	14 20.73	− 6 25.8	4.085	4.947	6.8	20.9
6 10	14 17.83	− 6 14.9	4.178	4.944	8.4	21.1

275559 1999 RF_{57} 5 1.1 307°.86 2°.9/ 2.8 16

4 1	14 57.04	−22 36.6	1.571	2.442	14.3	20.2
4 11	14 51.68	−22 44.5	1.473	2.411	10.7	19.9
4 21	14 43.75	−22 37.6	1.397	2.380	6.6	19.6
5 1	14 34.08	−22 15.7	1.346	2.349	3.1	19.3
5 11	14 23.92	−21 41.6	1.320	2.318	5.2	19.4
5 21	14 14.62	−21 0.6	1.320	2.287	9.9	19.5
5 31	14 7.41	−20 19.7	1.342	2.257	14.5	19.7
6 10	14 3.12	−19 45.9	1.384	2.227	18.5	19.9

473150 2015 KY_{12} 5 1.1 146°.94 5°.1/26.0 17

4 1	14 53.36	+ 0 16.4	2.430	3.312	9.5	21.2
4 11	14 47.95	+ 1 15.3	2.377	3.317	7.1	21.0
4 21	14 41.31	+ 2 9.2	2.351	3.321	5.4	20.9
5 1	14 34.06	+ 2 53.6	2.352	3.325	5.4	20.9
5 11	14 26.89	+ 3 24.6	2.381	3.329	7.1	21.0
5 21	14 20.45	+ 3 40.1	2.436	3.333	9.5	21.2
5 31	14 15.28	+ 3 39.2	2.515	3.337	11.8	21.3
6 10	14 11.75	+ 3 22.9	2.613	3.340	13.8	21.5

520024 2013 UB_{22} 5 1.1 154°.92 2°.5/29.1 17

4 1	14 56.47	− 8 49.6	2.196	3.078	10.4	21.8
4 11	14 50.23	− 8 13.8	2.135	3.084	7.2	21.6
4 21	14 42.53	− 7 36.4	2.101	3.090	4.0	21.4
5 1	14 34.07	− 7 1.2	2.094	3.095	2.6	21.3
5 11	14 25.70	− 6 32.2	2.117	3.100	5.2	21.5
5 21	14 18.18	− 6 12.4	2.166	3.104	8.4	21.7
5 31	14 12.16	− 6 4.1	2.241	3.108	11.4	21.9
6 10	14 8.03	− 6 8.1	2.336	3.112	14.0	22.1

426672 2013 TZ_{13} 5 1.1 166°.91 1°.7/29.8 17

4 1	14 56.97	−11 51.9	1.977	2.859	11.3	21.5
4 11	14 50.75	−11 19.0	1.912	2.862	7.8	21.2
4 21	14 42.86	−10 41.7	1.873	2.865	4.0	21.0
5 1	14 34.08	−10 3.8	1.862	2.867	1.8	20.9
5 11	14 25.35	− 9 29.6	1.878	2.868	4.9	21.1
5 21	14 17.57	− 9 3.1	1.922	2.870	8.7	21.3
5 31	14 11.44	− 8 47.4	1.990	2.871	12.1	21.5
6 10	14 7.43	− 8 44.1	2.079	2.871	14.9	21.7

491697 2012 US_{87} 5 1.1 138°.09 0°.4/30.8 17

4 1	14 55.46	−14 57.9	2.353	3.228	10.1	22.0
4 11	14 49.51	−14 38.7	2.288	3.234	7.0	21.8
4 21	14 42.16	−14 13.8	2.249	3.240	3.6	21.6
5 1	14 34.08	−13 45.9	2.239	3.246	0.4	21.3
5 11	14 26.06	−13 18.0	2.257	3.252	3.7	21.6
5 21	14 18.83	−12 53.6	2.303	3.257	7.1	21.8
5 31	14 13.01	−12 35.7	2.375	3.262	10.1	22.0
6 10	14 9.00	−12 26.3	2.469	3.267	12.7	22.2

320534 2007 YU_{64} 5 1.1 80°.22 1°.2/30.3 18

4 1	14 58.38	−14 10.3	1.502	2.391	13.8	21.1
4 11	14 51.98	−13 32.6	1.454	2.407	9.5	20.8
4 21	14 43.53	−12 47.4	1.430	2.423	4.8	20.6
5 1	14 34.09	−11 59.4	1.432	2.439	1.3	20.4
5 11	14 24.91	−11 14.9	1.460	2.454	5.4	20.7
5 21	14 17.06	−10 39.1	1.514	2.470	9.9	21.0
5 31	14 11.36	−10 16.1	1.591	2.485	13.8	21.3
6 10	14 8.23	−10 8.0	1.686	2.501	17.0	21.5

89900 2002 CJ_{293} 5 1.1 299°.68 5°.0/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 52.52	− 2 30.3	2.136	3.026	10.2	19.1
4 11	14 47.69	− 1 23.7	2.057	3.004	7.6	18.9
4 21	14 41.32	− 0 18.4	2.004	2.982	5.4	18.7
5 1	14 34.07	+ 0 39.7	1.977	2.960	5.3	18.7
5 11	14 26.72	+ 1 25.3	1.978	2.938	7.5	18.8
5 21	14 20.06	+ 1 54.6	2.004	2.916	10.5	18.9
5 31	14 14.77	+ 2 5.5	2.053	2.894	13.4	19.0
6 10	14 11.33	+ 1 57.8	2.121	2.872	15.9	19.2

252922 2002 NA_{35} 5 1.1 238°.66 15°.6/12.4 18

4 1	15 6.50	−49 25.1	1.267	2.020	23.7	20.5
4 11	14 59.65	−50 17.2	1.191	2.013	21.3	20.2
4 21	14 48.32	−50 26.1	1.129	2.005	18.8	20.0
5 1	14 34.14	−49 41.3	1.084	1.997	16.7	19.9
5 11	14 19.76	−48 0.0	1.058	1.988	15.6	19.8
5 21	14 7.76	−45 30.2	1.053	1.979	16.2	19.8
5 31	13 59.96	−42 29.3	1.068	1.970	18.4	19.9
6 10	13 57.05	−39 18.8	1.102	1.960	21.3	20.0

20494 1999 PM_{1} 5 1.1 233°.38 11°.0/19.8 18

4 1	14 59.51	+21 32.0	2.386	3.195	12.2	19.1
4 11	14 52.35	+22 32.6	2.334	3.181	11.3	19.1
4 21	14 43.64	+23 13.4	2.306	3.167	11.0	19.0
5 1	14 34.11	+23 28.8	2.301	3.152	11.5	19.0
5 11	14 24.63	+23 16.0	2.319	3.137	12.6	19.1
5 21	14 16.02	+22 35.1	2.359	3.121	14.1	19.1
5 31	14 8.95	+21 28.8	2.418	3.105	15.7	19.2
6 10	14 3.85	+20 1.5	2.493	3.088	17.1	19.3

182888 2002 CC_{295} 5 1.1 73°.57 4°.7/25.9 18

4 1	14 53.75	− 3 18.6	2.264	3.151	9.9	20.3
4 11	14 48.14	− 1 38.1	2.235	3.180	7.1	20.2
4 21	14 41.36	− 0 1.2	2.233	3.210	5.1	20.1
5 1	14 34.09	+ 1 25.8	2.260	3.239	5.1	20.1
5 11	14 27.08	+ 2 37.6	2.316	3.268	7.0	20.3
5 21	14 20.95	+ 3 31.2	2.398	3.297	9.5	20.5
5 31	14 16.21	+ 4 5.3	2.504	3.325	11.8	20.7
6 10	14 13.15	+ 4 20.8	2.629	3.353	13.8	20.9

207827 2007 TD_{361} 5 1.1 238°.31 2°.1/28.0 18

4 1	14 49.98	− 5 42.8	4.022	4.900	6.2	22.0
4 11	14 45.35	− 5 11.0	3.939	4.884	4.4	21.8
4 21	14 39.93	− 4 39.4	3.884	4.869	2.7	21.7
5 1	14 34.08	− 4 10.3	3.859	4.853	2.2	21.6
5 11	14 28.21	− 3 45.7	3.865	4.836	3.7	21.7
5 21	14 22.71	− 3 27.4	3.898	4.820	5.5	21.8
5 31	14 17.92	− 3 16.7	3.959	4.803	7.4	21.9
6 10	14 14.14	− 3 14.3	4.042	4.785	9.0	22.0

217112 2001 YQ_{99} 5 1.1 266°.70 8°.9/24.1 18

4 1	14 59.21	+ 9 0.9	1.945	2.810	12.3	20.5
4 11	14 52.49	+ 9 58.7	1.871	2.787	10.2	20.3
4 21	14 43.88	+10 44.0	1.822	2.763	9.0	20.2
5 1	14 34.13	+11 9.8	1.799	2.739	9.4	20.2
5 11	14 24.26	+11 11.4	1.801	2.715	11.2	20.2
5 21	14 15.23	+10 47.1	1.827	2.689	13.7	20.3
5 31	14 7.89	+ 9 57.9	1.873	2.664	16.3	20.5
6 10	14 2.80	+ 8 47.1	1.937	2.638	18.7	20.6

281590 2008 UN_{148} 5 1.1 217°.41 0°.6/30.7 17

4 1	14 57.02	−14 18.6	1.993	2.872	11.4	20.6
4 11	14 50.87	−14 6.5	1.923	2.870	7.9	20.4
4 21	14 42.98	−13 48.5	1.877	2.868	4.1	20.1
5 1	14 34.12	−13 27.3	1.859	2.866	0.6	19.8
5 11	14 25.25	−13 6.4	1.869	2.864	4.3	20.1
5 21	14 17.28	−12 49.2	1.906	2.862	8.2	20.4
5 31	14 10.96	−12 39.3	1.968	2.859	11.7	20.6
6 10	14 6.78	−12 38.8	2.051	2.857	14.7	20.8

276128 2002 GZ_{105} 5 1.1 329°.38 6°.4/26.4 18

4 1	14 54.92	− 0 33.4	1.666	2.560	12.4	19.7
4 11	14 49.55	+ 0 29.3	1.608	2.555	9.3	19.5
4 21	14 42.33	+ 1 26.5	1.575	2.551	6.8	19.3
5 1	14 34.11	+ 2 11.4	1.566	2.546	6.7	19.3
5 11	14 25.94	+ 2 38.2	1.584	2.542	9.1	19.4
5 21	14 18.77	+ 2 43.9	1.625	2.538	12.3	19.6
5 31	14 13.40	+ 2 27.9	1.687	2.535	15.5	19.8
6 10	14 10.32	+ 1 51.9	1.767	2.531	18.2	20.0

246720 2009 BP_{21} 5 1.1 276°.34 3°.3/28.5 17

4 1	14 54.68	− 7 4.5	2.044	2.933	10.7	20.7
4 11	14 49.20	− 6 23.2	1.972	2.923	7.5	20.4
4 21	14 42.10	− 5 41.3	1.926	2.914	4.4	20.2
5 1	14 34.11	− 5 3.0	1.907	2.905	3.5	20.2
5 11	14 26.10	− 4 32.9	1.916	2.896	6.0	20.3
5 21	14 18.88	− 4 14.4	1.951	2.886	9.4	20.5
5 31	14 13.18	− 4 9.8	2.010	2.877	12.6	20.7
6 10	14 9.45	− 4 19.8	2.089	2.868	15.3	20.8

510591 2012 SA_{32} 5 1.1 269°.35 1°.4/28.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 47.22	− 8 59.9	4.367	5.246	5.7	21.5
4 11	14 43.41	− 8 26.8	4.288	5.236	3.9	21.3
4 21	14 38.92	− 7 52.6	4.238	5.227	2.2	21.2
5 1	14 34.08	− 7 19.4	4.217	5.217	1.5	21.1
5 11	14 29.23	− 6 49.1	4.226	5.207	2.9	21.2
5 21	14 24.72	− 6 23.4	4.264	5.198	4.8	21.3
5 31	14 20.85	− 6 3.8	4.329	5.188	6.5	21.5
6 10	14 17.87	− 5 51.2	4.417	5.178	8.1	21.6

502414 2015 BJ_{255} 5 1.1 135°.37 6°.2/25.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.87	+ 0 18.2	1.898	2.785	11.5	21.6
4 11	14 49.95	+ 1 30.1	1.850	2.792	8.6	21.5
4 21	14 42.43	+ 2 36.0	1.827	2.798	6.6	21.3
5 1	14 34.12	+ 3 29.4	1.830	2.804	6.6	21.3
5 11	14 25.96	+ 4 5.2	1.860	2.810	8.7	21.5
5 21	14 18.77	+ 4 20.7	1.915	2.815	11.5	21.7
5 31	14 13.23	+ 4 15.6	1.992	2.820	14.2	21.9
6 10	14 9.75	+ 3 51.4	2.087	2.825	16.5	22.0

427478 2001 XC_{54} 5 1.1 191°.10 1°.9/29.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.53	−10 32.5	2.349	3.226	10.0	22.3
4 11	14 50.98	− 9 59.8	2.277	3.224	6.9	22.1
4 21	14 42.96	− 9 24.0	2.232	3.222	3.7	21.9
5 1	14 34.14	− 8 48.5	2.215	3.219	2.0	21.8
5 11	14 25.33	− 8 16.9	2.229	3.215	4.6	22.0
5 21	14 17.30	− 7 52.6	2.270	3.211	7.9	22.2
5 31	14 10.70	− 7 38.1	2.337	3.205	11.0	22.4
6 10	14 5.96	− 7 35.0	2.425	3.200	13.5	22.5

426452 2013 QS_{63} 5 1.1 230°.04 1°.3/30.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.55	−13 35.3	1.978	2.858	11.5	22.4
4 11	14 51.30	−12 57.2	1.898	2.847	8.0	22.1
4 21	14 43.24	−12 12.2	1.844	2.835	4.1	21.9
5 1	14 34.14	−11 24.0	1.817	2.823	1.3	21.6
5 11	14 24.97	−10 37.6	1.819	2.811	4.8	21.9
5 21	14 16.66	− 9 57.6	1.848	2.797	8.8	22.1
5 31	14 10.01	− 9 28.2	1.901	2.784	12.5	22.3
6 10	14 5.55	− 9 12.1	1.975	2.769	15.5	22.4

471231 2011 AV_{36} 5 1.1 347°.61 8°.0/ 6.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.13	−35 50.5	1.602	2.420	16.7	20.4
4 11	14 52.37	−36 13.1	1.528	2.418	13.8	20.2
4 21	14 44.02	−36 9.4	1.475	2.416	10.7	20.0
5 1	14 34.15	−35 36.9	1.444	2.414	8.4	19.9
5 11	14 24.22	−34 37.9	1.438	2.412	8.2	19.9
5 21	14 15.62	−33 19.3	1.456	2.411	10.2	20.0
5 31	14 9.47	−31 50.9	1.497	2.410	13.3	20.2
6 10	14 6.36	−30 23.0	1.559	2.410	16.4	20.4

483716 2005 TH_{24} 5 1.1 137°.29 7°.9/ 2.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 20.58	−25 16.3	1.193	2.039	19.6	21.0
4 11	15 9.15	−27 39.8	1.131	2.048	15.2	20.8
4 21	14 53.23	−29 48.7	1.091	2.056	10.7	20.5
5 1	14 34.28	−31 30.8	1.078	2.064	7.9	20.4
5 11	14 14.78	−32 39.3	1.092	2.071	9.4	20.5
5 21	13 57.29	−33 15.9	1.132	2.078	13.5	20.7
5 31	13 43.78	−33 30.3	1.194	2.083	17.7	21.0
6 10	13 35.17	−33 35.0	1.274	2.089	21.4	21.3

320343 2007 TY_{160} 5 1.1 154°.67 2°.1/ 2.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.00	−22 16.3	1.890	2.748	12.9	21.6
4 11	14 53.72	−22 8.8	1.824	2.756	9.4	21.4
4 21	14 44.47	−21 48.1	1.782	2.764	5.5	21.2
5 1	14 34.18	−21 15.5	1.767	2.771	2.2	21.0
5 11	14 23.96	−20 34.9	1.781	2.777	4.2	21.1
5 21	14 14.87	−19 51.4	1.822	2.783	8.1	21.4
5 31	14 7.73	−19 10.7	1.888	2.788	11.7	21.6
6 10	14 3.03	−18 37.6	1.976	2.792	14.8	21.8

175269 2005 JU_{144} 5 1.1 341°.02 1°.8/30.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.22	−12 50.6	1.211	2.115	15.3	20.0
4 11	14 50.44	−12 24.0	1.147	2.106	10.7	19.7
4 21	14 43.07	−11 49.8	1.103	2.098	5.5	19.4
5 1	14 34.16	−11 13.0	1.083	2.090	1.9	19.1
5 11	14 25.16	−10 40.2	1.088	2.083	6.5	19.4
5 21	14 17.47	−10 17.6	1.114	2.077	11.8	19.6
5 31	14 12.20	−10 10.0	1.162	2.072	16.5	19.9
6 10	14 9.98	−10 19.5	1.226	2.069	20.5	20.1

130159 1999 XH_{233} 5 1.1 202°.08 2°.2/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 54.97	− 9 54.6	2.536	3.415	9.3	21.0
4 11	14 49.14	− 9 0.8	2.462	3.410	6.4	20.8
4 21	14 42.00	− 8 3.8	2.415	3.404	3.5	20.6
5 1	14 34.16	− 7 7.6	2.398	3.398	2.3	20.5
5 11	14 26.34	− 6 16.4	2.410	3.392	4.7	20.7
5 21	14 19.20	− 5 33.8	2.450	3.384	7.8	20.8
5 31	14 13.33	− 5 2.8	2.516	3.376	10.6	21.0
6 10	14 9.12	− 4 44.7	2.603	3.368	13.0	21.2

507048 2008 UA_{300} 5 1.1 253°.77 1°.3/ 2.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 57.38	−20 3.4	2.139	3.002	11.4	21.8
4 11	14 51.22	−19 52.9	2.048	2.986	8.2	21.6
4 21	14 43.25	−19 31.9	1.983	2.969	4.6	21.3
5 1	14 34.18	−19 1.9	1.945	2.951	1.4	21.1
5 11	14 24.96	−18 26.1	1.936	2.933	3.8	21.2
5 21	14 16.50	−17 48.7	1.955	2.915	7.7	21.4
5 31	14 9.62	−17 14.5	1.999	2.896	11.2	21.6
6 10	14 4.88	−16 47.6	2.064	2.877	14.3	21.8

36099 1999 RE_{113} 5 1.1 321°.40 8°.4/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 53.20	+ 1 58.2	1.510	2.408	13.2	18.1
4 11	14 48.57	+ 3 36.0	1.451	2.395	10.3	17.9
4 21	14 41.94	+ 5 7.1	1.415	2.382	8.5	17.7
5 1	14 34.17	+ 6 21.7	1.403	2.370	8.9	17.7
5 11	14 26.37	+ 7 11.9	1.416	2.358	11.4	17.8
5 21	14 19.60	+ 7 33.6	1.450	2.347	14.6	18.0
5 31	14 14.72	+ 7 26.0	1.504	2.336	17.8	18.2
6 10	14 12.27	+ 6 51.9	1.573	2.326	20.5	18.3

214393 2005 MK_{52} 5 1.1 304°.61 1°.6/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 53.90	−12 17.5	2.063	2.948	10.8	21.1
4 11	14 48.67	−11 42.0	1.990	2.942	7.5	20.9
4 21	14 41.86	−11 1.7	1.943	2.935	3.9	20.6
5 1	14 34.17	−10 20.1	1.923	2.929	1.6	20.5
5 11	14 26.47	− 9 41.7	1.932	2.922	4.7	20.7
5 21	14 19.57	− 9 10.6	1.967	2.916	8.4	20.9
5 31	14 14.18	− 8 50.1	2.026	2.910	11.7	21.1
6 10	14 10.74	− 8 42.1	2.106	2.904	14.6	21.3

105994 2000 SG_{278} 5 1.1 280°.39 2°.0/ 2.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.28	−19 51.3	2.250	3.107	11.1	19.2
4 11	14 53.22	−20 27.9	2.164	3.096	8.1	19.0
4 21	14 44.29	−20 57.1	2.104	3.086	4.8	18.8
5 1	14 34.22	−21 18.4	2.072	3.076	2.0	18.6
5 11	14 23.95	−21 32.8	2.070	3.065	3.9	18.7
5 21	14 14.42	−21 42.3	2.096	3.055	7.4	18.9
5 31	14 6.45	−21 49.8	2.149	3.045	10.7	19.1
6 10	14 0.63	−21 58.9	2.224	3.034	13.5	19.2

498805 2008 UE_{285} 5 1.1 175°.90 0°.6/30.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.96	−14 16.9	2.344	3.217	10.2	22.0
4 11	14 50.62	−13 58.0	2.274	3.219	7.1	21.8
4 21	14 42.81	−13 33.7	2.230	3.221	3.6	21.6
5 1	14 34.20	−13 6.6	2.215	3.222	0.6	21.4
5 11	14 25.63	−12 40.0	2.229	3.223	3.9	21.6
5 21	14 17.84	−12 17.1	2.271	3.223	7.3	21.9
5 31	14 11.49	−12 0.9	2.339	3.223	10.4	22.0
6 10	14 7.00	−11 53.6	2.429	3.222	13.0	22.2

39664 1995 WW_{4} 5 1.1 46°.01 0°.7/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.10	−18 34.3	1.747	2.625	12.8	19.6
4 11	14 50.41	−18 11.7	1.683	2.629	9.1	19.3
4 21	14 42.81	−17 38.3	1.643	2.632	4.8	19.1
5 1	14 34.20	−16 56.9	1.629	2.636	0.7	18.8
5 11	14 25.66	−16 12.3	1.642	2.640	4.3	19.1
5 21	14 18.17	−15 29.9	1.682	2.644	8.5	19.3
5 31	14 12.55	−14 54.8	1.746	2.649	12.3	19.6
6 10	14 9.28	−14 30.6	1.830	2.653	15.5	19.8

424562 2008 FA_{62} 5 1.1 49°.83 0°.3/ 1.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.81	−17 21.9	1.349	2.238	15.1	21.0
4 11	14 51.86	−16 59.8	1.300	2.252	10.6	20.8
4 21	14 43.62	−16 26.2	1.274	2.265	5.5	20.5
5 1	14 34.22	−15 45.1	1.272	2.280	0.3	20.2
5 11	14 25.05	−15 2.5	1.296	2.294	5.1	20.6
5 21	14 17.32	−14 24.7	1.345	2.309	10.0	20.9
5 31	14 11.94	−13 57.1	1.415	2.325	14.2	21.2
6 10	14 9.36	−13 43.0	1.505	2.340	17.7	21.5

250089 2002 GH_{35} 5 1.1 330°.48 3°.1/29.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 54.82	−10 41.5	1.128	2.037	15.7	19.8
4 11	14 50.38	−10 7.0	1.059	2.021	11.0	19.4
4 21	14 43.16	− 9 26.5	1.011	2.005	5.9	19.1
5 1	14 34.22	− 8 46.3	0.986	1.991	3.2	18.9
5 11	14 25.06	− 8 13.9	0.984	1.977	7.6	19.1
5 21	14 17.18	− 7 55.9	1.004	1.964	13.0	19.3
5 31	14 11.84	− 7 56.9	1.043	1.953	18.0	19.6
6 10	14 9.74	− 8 18.2	1.098	1.943	22.2	19.8

56651 2000 KH_{46} 5 1.1 325°.51 4°.5/28.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 54.63	− 9 15.8	1.128	2.039	15.6	19.0
4 11	14 50.16	− 8 6.1	1.064	2.026	11.0	18.7
4 21	14 42.99	− 6 50.0	1.022	2.014	6.3	18.4
5 1	14 34.23	− 5 36.5	1.002	2.003	4.7	18.2
5 11	14 25.36	− 4 35.7	1.005	1.992	8.8	18.4
5 21	14 17.83	− 3 55.6	1.031	1.982	13.9	18.6
5 31	14 12.79	− 3 40.6	1.075	1.973	18.6	18.9
6 10	14 10.89	− 3 51.4	1.135	1.964	22.6	19.1

247132 2000 WV_{16} 5 1.1 226°.15 4°.4/27.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 57.06	+ 0 26.7	2.685	3.557	9.1	20.7
4 11	14 50.54	+ 0 43.9	2.613	3.549	6.8	20.5
4 21	14 42.74	+ 0 55.9	2.568	3.540	4.8	20.4
5 1	14 34.23	+ 0 59.6	2.552	3.531	4.5	20.4
5 11	14 25.71	+ 0 52.6	2.565	3.522	6.2	20.5
5 21	14 17.84	+ 0 33.8	2.606	3.513	8.5	20.6
5 31	14 11.19	+ 0 3.0	2.672	3.503	10.9	20.7
6 10	14 6.16	− 0 39.3	2.759	3.493	13.0	20.9

307168 2002 EB_{12} 5 1.1 5°.97 3°.4/29.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 52.88	−11 13.9	0.997	1.914	16.5	19.5
4 11	14 48.97	−10 17.7	0.948	1.913	11.5	19.2
4 21	14 42.34	− 9 14.4	0.919	1.914	6.1	18.9
5 1	14 34.22	− 8 12.6	0.912	1.917	3.6	18.8
5 11	14 26.22	− 7 21.8	0.928	1.920	8.0	19.0
5 21	14 19.77	− 6 49.6	0.964	1.926	13.3	19.3
5 31	14 15.96	− 6 39.9	1.019	1.932	18.1	19.6
6 10	14 15.31	− 6 53.2	1.090	1.940	22.0	19.9

424098 2007 EY_{12} 5 1.1 123°.91 9°.8/20.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.36	+ 9 58.5	1.932	2.801	12.2	20.9
4 11	14 49.58	+12 12.2	1.903	2.812	10.4	20.8
4 21	14 42.27	+14 10.8	1.899	2.823	9.8	20.8
5 1	14 34.23	+15 45.5	1.921	2.834	10.5	20.8
5 11	14 26.37	+16 51.0	1.968	2.844	12.2	21.0
5 21	14 19.50	+17 25.5	2.037	2.854	14.2	21.1
5 31	14 14.26	+17 30.6	2.125	2.864	16.2	21.3
6 10	14 11.03	+17 10.1	2.228	2.873	17.8	21.5

103107 1999 XE_{177} 5 1.1 135°.52 4°.7/28.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.94	− 3 12.5	1.861	2.744	11.9	19.3
4 11	14 52.81	− 2 36.1	1.810	2.756	8.5	19.1
4 21	14 43.95	− 2 3.5	1.785	2.767	5.6	18.9
5 1	14 34.25	− 1 39.3	1.787	2.777	4.8	18.9
5 11	14 24.73	− 1 27.6	1.817	2.787	7.2	19.0
5 21	14 16.29	− 1 30.6	1.873	2.796	10.4	19.3
5 31	14 9.66	− 1 48.9	1.952	2.805	13.5	19.5
6 10	14 5.27	− 2 21.5	2.051	2.813	16.1	19.7

387594 2001 XN_{78} 5 1.1 132°.73 5°.7/26.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.25	+ 2 54.3	2.293	3.168	10.2	20.4
4 11	14 50.06	+ 3 25.7	2.238	3.171	7.9	20.2
4 21	14 42.50	+ 3 49.4	2.209	3.174	6.1	20.1
5 1	14 34.24	+ 4 1.2	2.208	3.177	6.0	20.1
5 11	14 26.07	+ 3 58.4	2.234	3.180	7.6	20.2
5 21	14 18.71	+ 3 39.9	2.286	3.183	10.0	20.4
5 31	14 12.76	+ 3 5.9	2.362	3.186	12.4	20.5
6 10	14 8.61	+ 2 18.1	2.457	3.188	14.5	20.7

166595 2002 RE_{179} 5 1.1 252°.53 0°.6/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.60	−18 22.6	2.082	2.954	11.3	20.3
4 11	14 49.92	−18 2.2	2.005	2.948	8.0	20.1
4 21	14 42.56	−17 32.3	1.952	2.941	4.3	19.9
5 1	14 34.24	−16 55.4	1.927	2.935	0.6	19.6
5 11	14 25.89	−16 15.2	1.931	2.928	3.8	19.8
5 21	14 18.37	−15 36.2	1.961	2.921	7.7	20.0
5 31	14 12.42	−15 2.8	2.017	2.914	11.2	20.2
6 10	14 8.54	−14 38.6	2.093	2.907	14.1	20.4

313765 2003 WG_{145} 5 1.2 104°.28 1°.0/30.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.16	−13 59.8	1.667	2.549	13.1	21.3
4 11	14 53.12	−13 32.0	1.618	2.567	9.0	21.1
4 21	14 44.16	−12 57.5	1.594	2.585	4.6	20.9
5 1	14 34.28	−12 20.4	1.596	2.603	1.1	20.7
5 11	14 24.64	−11 45.6	1.626	2.620	5.0	21.0
5 21	14 16.26	−11 17.7	1.682	2.637	9.2	21.2
5 31	14 9.93	−11 0.2	1.763	2.653	12.9	21.5
6 10	14 6.06	−10 55.4	1.863	2.668	15.9	21.7

199560 2006 EB_{40} 5 1.2 232°.99 3°.3/28.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 54.65	− 8 12.7	2.123	3.010	10.5	20.9
4 11	14 49.16	− 7 2.1	2.050	3.001	7.3	20.7
4 21	14 42.13	− 5 48.5	2.004	2.991	4.3	20.5
5 1	14 34.26	− 4 37.2	1.985	2.982	3.5	20.4
5 11	14 26.37	− 3 34.1	1.995	2.971	6.1	20.5
5 21	14 19.27	− 2 43.8	2.032	2.961	9.4	20.7
5 31	14 13.63	− 2 9.6	2.092	2.950	12.5	20.9
6 10	14 9.90	− 1 52.6	2.173	2.939	15.2	21.1

284615 2007 UC_{66} 5 1.2 251°.34 0°.5/ 1.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.47	−18 13.4	2.100	2.972	11.2	21.2
4 11	14 49.83	−17 51.7	2.023	2.966	7.9	21.0
4 21	14 42.51	−17 20.7	1.970	2.959	4.2	20.7
5 1	14 34.26	−16 42.8	1.946	2.953	0.6	20.4
5 11	14 25.98	−16 1.9	1.949	2.946	3.8	20.7
5 21	14 18.53	−15 22.4	1.980	2.940	7.6	20.9
5 31	14 12.63	−14 48.6	2.036	2.933	11.1	21.1
6 10	14 8.77	−14 24.2	2.113	2.926	14.0	21.3

38965 2000 TB_{29} 5 1.2 231°.00 4°.1/ 4.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 58.08	−29 43.2	2.239	3.066	12.3	19.6
4 11	14 51.73	−29 32.9	2.148	3.054	9.6	19.4
4 21	14 43.54	−29 5.1	2.080	3.042	6.6	19.2
5 1	14 34.28	−28 20.0	2.040	3.029	4.4	19.0
5 11	14 24.93	−27 20.5	2.027	3.016	4.8	19.0
5 21	14 16.44	−26 11.6	2.043	3.002	7.5	19.2
5 31	14 9.63	−24 59.9	2.084	2.987	10.6	19.3
6 10	14 5.02	−23 51.8	2.148	2.972	13.5	19.5

274415 2008 SB_{5} 5 1.2 221°.90 1°.8/ 2.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.61	−21 19.8	2.480	3.330	10.5	21.2
4 11	14 52.61	−21 28.0	2.390	3.319	7.7	20.9
4 21	14 43.95	−21 27.0	2.327	3.308	4.5	20.7
5 1	14 34.29	−21 17.2	2.292	3.295	1.9	20.5
5 11	14 24.50	−21 0.6	2.287	3.282	3.6	20.6
5 21	14 15.40	−20 40.2	2.311	3.268	6.8	20.8
5 31	14 7.74	−20 19.7	2.361	3.254	10.0	21.0
6 10	14 2.03	−20 2.9	2.435	3.239	12.7	21.1

396467 2014 FG_{35} 5 1.2 67°.37 3°.8/27.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 52.68	− 5 28.2	2.213	3.102	10.0	20.5
4 11	14 47.65	− 4 24.9	2.159	3.109	7.1	20.4
4 21	14 41.29	− 3 22.4	2.131	3.116	4.5	20.2
5 1	14 34.26	− 2 25.7	2.131	3.122	4.0	20.2
5 11	14 27.33	− 1 39.4	2.159	3.129	6.2	20.3
5 21	14 21.20	− 1 6.8	2.213	3.136	9.1	20.5
5 31	14 16.43	− 0 49.8	2.291	3.143	11.8	20.7
6 10	14 13.39	− 0 48.6	2.389	3.150	14.1	20.9

32397 2000 QL_{214} 5 1.2 299°.14 1°.3/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 47.71	− 9 13.6	4.343	5.221	5.7	18.7
4 11	14 43.78	− 8 49.7	4.272	5.220	4.0	18.6
4 21	14 39.18	− 8 25.0	4.230	5.220	2.1	18.5
5 1	14 34.24	− 8 1.1	4.217	5.219	1.4	18.4
5 11	14 29.30	− 7 40.0	4.235	5.218	2.8	18.5
5 21	14 24.72	− 7 23.1	4.281	5.218	4.6	18.6
5 31	14 20.80	− 7 11.8	4.354	5.217	6.4	18.8
6 10	14 17.78	− 7 6.7	4.450	5.217	7.9	18.9

413470 2005 GM_{110} 5 1.2 46°.14 0°.8/ 1.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.96	−17 51.5	1.314	2.202	15.5	20.9
4 11	14 52.81	−17 46.1	1.262	2.212	10.9	20.6
4 21	14 44.21	−17 28.8	1.232	2.222	5.8	20.3
5 1	14 34.32	−17 2.5	1.226	2.233	0.9	20.0
5 11	14 24.58	−16 32.4	1.245	2.244	5.1	20.4
5 21	14 16.32	−16 4.2	1.289	2.256	10.1	20.7
5 31	14 10.50	−15 43.8	1.355	2.268	14.5	21.0
6 10	14 7.65	−15 34.8	1.440	2.280	18.1	21.2

209082 2003 SD_{15} 5 1.2 316°.58 3°.9/28.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.01	−10 2.5	1.277	2.182	14.6	19.9
4 11	14 50.21	− 8 50.2	1.211	2.171	10.2	19.7
4 21	14 42.97	− 7 30.8	1.168	2.160	5.7	19.4
5 1	14 34.31	− 6 12.6	1.148	2.149	4.1	19.2
5 11	14 25.58	− 5 5.0	1.153	2.139	8.0	19.4
5 21	14 18.08	− 4 15.6	1.181	2.130	12.8	19.7
5 31	14 12.85	− 3 49.2	1.230	2.121	17.3	19.9
6 10	14 10.50	− 3 47.0	1.295	2.112	21.0	20.1

74250 1998 SN_{65} 5 1.2 280°.89 1°.4/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.60	−12 1.5	1.980	2.862	11.4	19.4
4 11	14 51.52	−11 47.3	1.890	2.839	8.0	19.1
4 21	14 43.51	−11 28.8	1.824	2.816	4.1	18.8
5 1	14 34.32	−11 8.9	1.786	2.792	1.4	18.6
5 11	14 24.90	−10 51.0	1.777	2.769	4.9	18.8
5 21	14 16.22	−10 38.8	1.794	2.745	8.9	19.0
5 31	14 9.15	−10 35.6	1.835	2.721	12.7	19.1
6 10	14 4.29	−10 43.4	1.897	2.697	15.9	19.3

303232 2004 PG_{25} 5 1.2 212°.79 3°.5/ 3.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.04	−25 28.6	1.827	2.674	13.8	22.1
4 11	14 54.80	−25 30.4	1.744	2.667	10.4	21.9
4 21	14 45.26	−25 15.9	1.684	2.659	6.6	21.7
5 1	14 34.35	−24 44.9	1.651	2.650	3.7	21.5
5 11	14 23.31	−24 0.6	1.646	2.640	4.9	21.5
5 21	14 13.32	−23 8.5	1.668	2.630	8.7	21.7
5 31	14 5.40	−22 15.6	1.715	2.618	12.5	21.9
6 10	14 0.16	−21 28.6	1.784	2.606	15.9	22.1

19971 1988 RZ_{5} 5 1.2 255°.36 1°.8/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.54	−13 12.2	1.603	2.492	13.1	18.2
4 11	14 51.66	−12 25.9	1.528	2.481	9.2	17.9
4 21	14 43.62	−11 31.5	1.477	2.470	4.7	17.6
5 1	14 34.33	−10 33.8	1.453	2.459	1.8	17.4
5 11	14 24.94	− 9 39.3	1.455	2.447	5.8	17.6
5 21	14 16.60	− 8 54.1	1.483	2.435	10.3	17.8
5 31	14 10.25	− 8 23.1	1.533	2.423	14.5	18.1
6 10	14 6.46	− 8 9.1	1.603	2.411	18.0	18.3

348854 2006 SB_{89} 5 1.2 96°.67 2°.5/28.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 53.12	−10 13.1	2.173	3.061	10.2	21.0
4 11	14 48.02	− 9 10.2	2.112	3.064	7.1	20.8
4 21	14 41.52	− 8 3.9	2.076	3.067	3.9	20.6
5 1	14 34.30	− 6 58.9	2.069	3.070	2.6	20.5
5 11	14 27.16	− 6 0.5	2.090	3.073	5.3	20.7
5 21	14 20.82	− 5 12.9	2.138	3.076	8.5	20.9
5 31	14 15.89	− 4 39.2	2.210	3.078	11.5	21.1
6 10	14 12.76	− 4 20.6	2.302	3.081	14.0	21.3

83514 2001 SU_{131} 5 1.2 8°.67 4°.0/ 4.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.76	−26 50.4	2.057	2.901	12.6	19.4
4 11	14 51.58	−27 11.5	1.983	2.901	9.6	19.2
4 21	14 43.50	−27 18.3	1.933	2.901	6.5	19.0
5 1	14 34.34	−27 10.2	1.909	2.901	4.2	18.9
5 11	14 25.11	−26 49.4	1.912	2.902	4.9	18.9
5 21	14 16.81	−26 19.6	1.942	2.903	7.7	19.1
5 31	14 10.26	−25 46.3	1.997	2.903	10.9	19.3
6 10	14 6.01	−25 14.8	2.074	2.904	13.7	19.5

43829 1993 FB_{19} 5 1.2 157°.92 3°.9/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.47	− 7 12.4	1.736	2.627	12.2	19.2
4 11	14 51.29	− 6 14.3	1.679	2.630	8.6	19.0
4 21	14 43.29	− 5 15.2	1.646	2.634	5.1	18.8
5 1	14 34.33	− 4 21.0	1.640	2.637	4.1	18.8
5 11	14 25.48	− 3 37.5	1.662	2.640	6.9	18.9
5 21	14 17.69	− 3 9.0	1.709	2.642	10.6	19.1
5 31	14 11.73	− 2 57.8	1.779	2.645	14.0	19.4
6 10	14 8.07	− 3 4.2	1.867	2.646	16.8	19.6

2897 Ole Römer 5 1.2 60°.83 0°.7/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.37	−14 1.2	1.231	2.125	15.9	16.2
4 11	14 54.58	−13 59.0	1.181	2.135	11.1	15.9
4 21	14 45.17	−13 49.5	1.153	2.145	5.7	15.6
5 1	14 34.37	−13 35.7	1.149	2.156	0.7	15.3
5 11	14 23.75	−13 22.5	1.170	2.167	5.8	15.7
5 21	14 14.72	−13 14.8	1.215	2.178	11.0	16.0
5 31	14 8.32	−13 16.5	1.282	2.190	15.5	16.3
6 10	14 5.07	−13 30.2	1.367	2.201	19.2	16.6

279753 1998 SE_{87} 5 1.2 245°.20 0°.9/ 2.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.07	−20 13.0	2.404	3.265	10.4	20.5
4 11	14 50.17	−19 43.2	2.311	3.248	7.5	20.3
4 21	14 42.71	−19 2.8	2.244	3.230	4.1	20.1
5 1	14 34.33	−18 13.9	2.205	3.211	1.0	19.8
5 11	14 25.85	−17 20.1	2.195	3.192	3.5	20.0
5 21	14 18.06	−16 25.9	2.214	3.172	7.0	20.2
5 31	14 11.65	−15 36.0	2.259	3.152	10.3	20.3
6 10	14 7.12	−14 54.5	2.327	3.132	13.2	20.5

467633 2008 QQ_{34} 5 1.2 275°.49 5°.5/27.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.89	− 0 35.1	1.943	2.823	11.6	21.2
4 11	14 53.12	− 0 5.2	1.856	2.797	8.7	21.0
4 21	14 44.36	+ 0 19.7	1.794	2.770	6.1	20.8
5 1	14 34.37	+ 0 34.4	1.759	2.742	5.7	20.7
5 11	14 24.13	+ 0 34.7	1.751	2.715	8.0	20.7
5 21	14 14.65	+ 0 18.1	1.770	2.686	11.3	20.9
5 31	14 6.82	− 0 16.0	1.812	2.658	14.6	21.0
6 10	14 1.26	− 1 6.6	1.873	2.629	17.6	21.2

456784 2007 TZ_{174} 5 1.2 205°.98 0°.3/ 1.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 50.42	−17 58.7	4.160	5.019	6.4	23.4
4 11	14 45.71	−17 41.8	4.076	5.013	4.5	23.2
4 21	14 40.22	−17 20.2	4.020	5.007	2.4	23.1
5 1	14 34.30	−16 55.3	3.994	5.001	0.4	22.9
5 11	14 28.37	−16 28.9	3.998	4.994	2.1	23.0
5 21	14 22.84	−16 2.9	4.032	4.987	4.3	23.2
5 31	14 18.04	−15 39.1	4.094	4.980	6.2	23.3
6 10	14 14.27	−15 19.5	4.180	4.973	8.0	23.5

303824 2005 SG_{112} 5 1.2 236°.08 0°.9/ 2.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 53.58	−20 48.5	2.540	3.400	9.9	20.9
4 11	14 48.31	−20 10.5	2.456	3.392	7.1	20.7
4 21	14 41.69	−19 22.2	2.399	3.384	3.9	20.5
5 1	14 34.32	−18 25.8	2.370	3.376	1.0	20.3
5 11	14 26.95	−17 25.4	2.370	3.367	3.2	20.4
5 21	14 20.26	−16 25.3	2.399	3.358	6.5	20.6
5 31	14 14.86	−15 30.0	2.454	3.349	9.5	20.8
6 10	14 11.16	−14 43.1	2.532	3.340	12.1	21.0

215135 1999 TA_{124} 5 1.2 170°.60 2°.1/29.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.01	−11 40.9	1.944	2.826	11.5	21.2
4 11	14 51.55	−10 45.7	1.880	2.830	8.0	21.0
4 21	14 43.39	− 9 45.4	1.842	2.833	4.2	20.8
5 1	14 34.35	− 8 44.7	1.832	2.836	2.2	20.6
5 11	14 25.40	− 7 49.3	1.851	2.838	5.4	20.8
5 21	14 17.42	− 7 3.9	1.897	2.839	9.1	21.1
5 31	14 11.15	− 6 32.2	1.967	2.840	12.5	21.3
6 10	14 7.04	− 6 15.8	2.057	2.840	15.4	21.5

235121 2003 QK_{21} 5 1.2 244°.24 3°.7/ 3.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 0.09	−25 44.1	2.119	2.961	12.3	20.4
4 11	14 53.27	−26 10.8	2.032	2.951	9.4	20.2
4 21	14 44.44	−26 24.7	1.970	2.940	6.2	20.0
5 1	14 34.37	−26 24.7	1.935	2.929	3.9	19.8
5 11	14 24.10	−26 12.3	1.928	2.918	4.8	19.9
5 21	14 14.66	−25 50.8	1.948	2.907	7.8	20.0
5 31	14 6.96	−25 25.1	1.994	2.895	11.1	20.2
6 10	14 1.59	−25 0.5	2.062	2.883	14.1	20.4

70760 1999 VJ_{31} 5 1.2 242°.05 2°.8/29.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.53	− 8 30.8	1.756	2.640	12.4	18.7
4 11	14 53.64	− 8 12.7	1.679	2.628	8.7	18.4
4 21	14 44.64	− 7 53.4	1.626	2.616	4.8	18.2
5 1	14 34.38	− 7 36.6	1.601	2.604	2.9	18.0
5 11	14 23.99	− 7 26.2	1.604	2.591	6.1	18.2
5 21	14 14.56	− 7 25.7	1.633	2.577	10.2	18.4
5 31	14 7.02	− 7 37.5	1.686	2.563	14.0	18.6
6 10	14 1.96	− 8 2.3	1.758	2.549	17.3	18.8

520035 2013 VJ_{28} 5 1.2 209°.01 0°.6/30.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.88	−14 54.7	2.045	2.923	11.2	22.0
4 11	14 50.82	−14 30.9	1.972	2.919	7.8	21.8
4 21	14 43.06	−14 0.4	1.925	2.916	4.0	21.5
5 1	14 34.35	−13 26.0	1.905	2.912	0.6	21.2
5 11	14 25.64	−12 51.8	1.913	2.908	4.2	21.5
5 21	14 17.79	−12 21.8	1.949	2.904	8.1	21.7
5 31	14 11.55	−11 59.8	2.010	2.899	11.6	21.9
6 10	14 7.40	−11 48.3	2.092	2.895	14.5	22.1

332132 2005 WT_{92} 5 1.2 286°.46 3°.5/29.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.29	− 7 4.8	1.677	2.567	12.6	20.1
4 11	14 52.18	− 6 40.0	1.598	2.549	8.9	19.9
4 21	14 43.93	− 6 14.9	1.542	2.531	5.2	19.6
5 1	14 34.37	− 5 54.0	1.513	2.513	3.7	19.4
5 11	14 24.62	− 5 42.0	1.511	2.495	6.7	19.6
5 21	14 15.79	− 5 42.4	1.534	2.476	10.9	19.8
5 31	14 8.84	− 5 57.5	1.580	2.458	14.8	20.0
6 10	14 4.39	− 6 27.8	1.644	2.440	18.1	20.2

129935 1999 TJ_{153} 5 1.2 224°.91 2°.4/ 2.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.04	−22 29.5	2.095	2.950	11.9	20.0
4 11	14 52.45	−22 41.0	2.014	2.944	8.8	19.8
4 21	14 43.97	−22 41.1	1.958	2.938	5.3	19.5
5 1	14 34.38	−22 30.3	1.929	2.931	2.6	19.3
5 11	14 24.68	−22 10.8	1.929	2.924	4.1	19.4
5 21	14 15.84	−21 46.3	1.956	2.917	7.6	19.6
5 31	14 8.69	−21 21.4	2.008	2.910	11.0	19.8
6 10	14 3.79	−21 0.6	2.083	2.902	14.0	20.0

285242 1997 WU_{26} 5 1.2 212°.16 4°.3/28.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.07	− 2 16.1	2.161	3.041	10.6	20.9
4 11	14 51.50	− 2 0.4	2.096	3.039	7.7	20.7
4 21	14 43.36	− 1 49.0	2.057	3.038	5.1	20.5
5 1	14 34.37	− 1 45.5	2.046	3.036	4.4	20.5
5 11	14 25.42	− 1 52.6	2.064	3.034	6.4	20.6
5 21	14 17.30	− 2 11.8	2.108	3.031	9.4	20.7
5 31	14 10.69	− 2 43.6	2.176	3.029	12.3	20.9
6 10	14 6.06	− 3 27.3	2.265	3.027	14.7	21.1

119579 2001 VU_{97} 5 1.2 190°.28 4°.9/26.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.31	− 0 49.4	2.456	3.334	9.6	20.9
4 11	14 50.11	+ 0 16.5	2.394	3.332	7.1	20.7
4 21	14 42.59	+ 1 18.9	2.358	3.330	5.2	20.6
5 1	14 34.37	+ 2 12.9	2.352	3.327	5.2	20.6
5 11	14 26.20	+ 2 54.1	2.374	3.323	7.0	20.7
5 21	14 18.75	+ 3 20.0	2.422	3.319	9.5	20.9
5 31	14 12.62	+ 3 29.1	2.495	3.313	11.9	21.0
6 10	14 8.20	+ 3 22.0	2.587	3.307	14.1	21.2

338396 2003 AG_{67} 5 1.2 74°.35 4°.5/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.42	− 1 59.4	2.113	2.995	10.7	19.9
4 11	14 50.87	− 1 32.1	2.075	3.018	7.7	19.7
4 21	14 42.93	− 1 9.7	2.062	3.042	5.2	19.6
5 1	14 34.38	− 0 55.9	2.078	3.065	4.6	19.6
5 11	14 26.06	− 0 53.6	2.121	3.088	6.6	19.8
5 21	14 18.73	− 1 4.0	2.191	3.110	9.3	20.0
5 31	14 12.95	− 1 27.5	2.284	3.133	11.9	20.2
6 10	14 9.08	− 2 2.9	2.398	3.155	14.1	20.4

422340 2014 SR_{222} 5 1.2 84°.71 1°.7/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.96	−14 21.1	1.455	2.347	14.0	20.4
4 11	14 51.22	−13 19.0	1.399	2.353	9.7	20.1
4 21	14 43.36	−12 7.5	1.366	2.359	4.9	19.9
5 1	14 34.39	−10 52.8	1.359	2.365	1.8	19.7
5 11	14 25.57	− 9 42.8	1.378	2.371	5.9	19.9
5 21	14 18.02	− 8 44.5	1.423	2.377	10.5	20.2
5 31	14 12.62	− 8 3.1	1.489	2.383	14.6	20.5
6 10	14 9.82	− 7 40.7	1.575	2.389	18.0	20.7

339439 2005 EP_{147} 5 1.2 118°.43 1°.4/30.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 55.53	−12 34.7	2.047	2.930	11.0	21.4
4 11	14 49.80	−12 0.9	1.985	2.935	7.6	21.2
4 21	14 42.50	−11 22.4	1.947	2.939	3.9	20.9
5 1	14 34.38	−10 42.8	1.938	2.943	1.5	20.8
5 11	14 26.32	−10 6.3	1.956	2.948	4.6	21.0
5 21	14 19.16	− 9 36.9	2.002	2.952	8.2	21.2
5 31	14 13.55	− 9 17.7	2.072	2.956	11.5	21.4
6 10	14 9.94	− 9 10.5	2.163	2.960	14.3	21.6

503261 2015 KY_{116} 5 1.2 275°.44 4°.8/27.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 54.79	− 1 24.1	2.205	3.089	10.2	20.4
4 11	14 49.21	− 0 44.2	2.141	3.084	7.5	20.2
4 21	14 42.18	− 0 8.3	2.102	3.079	5.3	20.1
5 1	14 34.37	+ 0 19.0	2.091	3.074	5.0	20.1
5 11	14 26.58	+ 0 34.1	2.107	3.068	7.0	20.2
5 21	14 19.55	+ 0 34.6	2.149	3.063	9.7	20.3
5 31	14 13.92	+ 0 19.9	2.215	3.058	12.4	20.5
6 10	14 10.12	− 0 9.6	2.300	3.053	14.8	20.7

138676 2000 SZ_{15} 5 1.2 143°.47 2°.5/ 3.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.80	−25 39.5	2.896	3.732	9.6	20.5
4 11	14 49.70	−25 33.9	2.826	3.742	7.1	20.3
4 21	14 42.36	−25 17.5	2.781	3.752	4.6	20.2
5 1	14 34.38	−24 51.2	2.765	3.761	2.6	20.1
5 11	14 26.45	−24 17.4	2.778	3.770	3.3	20.1
5 21	14 19.23	−23 39.2	2.820	3.779	5.7	20.3
5 31	14 13.24	−23 0.4	2.890	3.787	8.2	20.5
6 10	14 8.88	−22 24.6	2.983	3.795	10.4	20.6

472690 2015 ES_{64} 5 1.2 3°.06 3°.6/29.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.64	− 6 40.8	1.557	2.453	13.0	20.1
4 11	14 50.96	− 6 25.6	1.498	2.453	9.2	19.8
4 21	14 43.23	− 6 11.7	1.463	2.453	5.3	19.6
5 1	14 34.39	− 6 3.3	1.453	2.453	3.7	19.5
5 11	14 25.59	− 6 4.4	1.469	2.455	6.7	19.7
5 21	14 17.90	− 6 17.6	1.510	2.457	10.7	19.9
5 31	14 12.18	− 6 44.2	1.573	2.459	14.4	20.1
6 10	14 8.94	− 7 23.9	1.655	2.463	17.5	20.4

114246 2002 WS_{9} 5 1.2 283°.29 2°.4/29.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.23	−12 38.2	1.285	2.183	15.1	19.6
4 11	14 52.70	−11 47.1	1.207	2.163	10.6	19.3
4 21	14 44.42	−10 45.9	1.150	2.143	5.6	18.9
5 1	14 34.42	− 9 40.6	1.118	2.123	2.6	18.7
5 11	14 24.12	− 8 39.4	1.110	2.102	7.1	18.9
5 21	14 14.98	− 7 50.5	1.127	2.082	12.5	19.1
5 31	14 8.25	− 7 20.3	1.164	2.062	17.5	19.3
6 10	14 4.65	− 7 11.7	1.217	2.041	21.7	19.5

142278 2002 RY_{120} 5 1.2 133°.89 0°.5/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.53	−16 0.7	1.851	2.728	12.2	20.8
4 11	14 51.97	−15 22.7	1.793	2.739	8.5	20.5
4 21	14 43.64	−14 36.2	1.759	2.750	4.3	20.3
5 1	14 34.41	−13 44.9	1.753	2.760	0.5	20.0
5 11	14 25.32	−12 54.2	1.775	2.770	4.5	20.3
5 21	14 17.32	−12 9.1	1.824	2.779	8.5	20.6
5 31	14 11.15	−11 34.0	1.897	2.787	12.1	20.8
6 10	14 7.24	−11 11.7	1.992	2.796	15.1	21.1

520083 2013 XN_{27} 5 1.2 194°.40 3°.5/ 4.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.85	−28 31.5	2.409	3.238	11.5	21.8
4 11	14 51.42	−28 18.7	2.326	3.235	8.8	21.6
4 21	14 43.36	−27 50.5	2.268	3.232	6.0	21.4
5 1	14 34.41	−27 7.5	2.237	3.229	3.7	21.2
5 11	14 25.45	−26 12.7	2.235	3.225	4.2	21.3
5 21	14 17.34	−25 10.8	2.261	3.220	6.9	21.4
5 31	14 10.77	−24 7.4	2.314	3.215	9.8	21.6
6 10	14 6.23	−23 8.0	2.390	3.209	12.4	21.8

433536 2013 WX_{92} 5 1.2 222°.71 0°.6/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.82	−14 7.8	1.935	2.814	11.7	20.9
4 11	14 51.57	−13 55.8	1.863	2.811	8.2	20.7
4 21	14 43.50	−13 38.1	1.817	2.808	4.2	20.4
5 1	14 34.41	−13 17.1	1.797	2.805	0.6	20.1
5 11	14 25.30	−12 56.5	1.806	2.801	4.4	20.4
5 21	14 17.09	−12 40.0	1.842	2.797	8.4	20.6
5 31	14 10.60	−12 30.9	1.902	2.794	12.0	20.9
6 10	14 6.32	−12 31.5	1.983	2.790	15.1	21.1

439907 2000 XH_{11} 5 1.2 178°.05 0°.0/ 1.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 50.89	−16 8.1	4.398	5.259	6.0	21.9
4 11	14 46.00	−15 56.5	4.321	5.261	4.2	21.8
4 21	14 40.37	−15 41.4	4.273	5.262	2.2	21.6
5 1	14 34.36	−15 24.0	4.255	5.262	0.1	21.4
5 11	14 28.36	−15 5.8	4.267	5.263	2.1	21.6
5 21	14 22.74	−14 48.5	4.310	5.263	4.1	21.8
5 31	14 17.82	−14 33.7	4.381	5.262	6.0	21.9
6 10	14 13.87	−14 22.9	4.476	5.262	7.6	22.0

314085 2005 CO_{47} 5 1.2 159°.84 2°.2/29.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 58.84	−11 44.4	1.702	2.588	12.7	22.1
4 11	14 52.33	−10 58.5	1.642	2.593	8.8	21.8
4 21	14 43.89	−10 7.2	1.606	2.597	4.6	21.6
5 1	14 34.42	− 9 15.5	1.597	2.601	2.2	21.4
5 11	14 25.06	− 8 29.2	1.615	2.604	5.7	21.7
5 21	14 16.81	− 7 53.2	1.660	2.607	9.8	21.9
5 31	14 10.49	− 7 31.2	1.728	2.610	13.5	22.2
6 10	14 6.58	− 7 24.7	1.816	2.611	16.6	22.4

255819 2006 SE_{57} 5 1.2 263°.59 0°.4/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.33	−18 23.8	1.729	2.604	13.0	21.4
4 11	14 52.29	−17 53.6	1.640	2.584	9.3	21.2
4 21	14 44.04	−17 10.8	1.574	2.564	5.0	20.9
5 1	14 34.43	−16 18.2	1.536	2.543	0.5	20.5
5 11	14 24.60	−15 20.9	1.525	2.522	4.6	20.7
5 21	14 15.69	−14 25.3	1.540	2.501	9.3	20.9
5 31	14 8.69	−13 37.6	1.580	2.479	13.6	21.1
6 10	14 4.24	−13 2.9	1.639	2.457	17.3	21.3

434071 2001 XO_{133} 5 1.2 135°.21 3°.6/28.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.25	− 4 3.8	2.436	3.317	9.5	21.1
4 11	14 49.37	− 3 31.7	2.379	3.324	6.8	20.9
4 21	14 42.21	− 3 1.9	2.348	3.331	4.3	20.8
5 1	14 34.40	− 2 37.8	2.346	3.337	3.7	20.7
5 11	14 26.67	− 2 22.7	2.372	3.343	5.7	20.9
5 21	14 19.69	− 2 18.5	2.425	3.349	8.4	21.0
5 31	14 14.03	− 2 26.5	2.503	3.354	10.9	21.2
6 10	14 10.04	− 2 46.3	2.602	3.360	13.1	21.4

169486 2002 CU_{167} 5 1.2 27°.90 1°.7/ 2.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.00	−19 4.2	1.154	2.046	16.8	19.5
4 11	14 53.19	−19 13.2	1.102	2.053	12.1	19.2
4 21	14 44.58	−19 8.2	1.070	2.060	6.7	18.9
5 1	14 34.44	−18 51.1	1.062	2.068	1.8	18.6
5 11	14 24.40	−18 26.8	1.077	2.077	5.5	18.9
5 21	14 15.97	−18 1.6	1.116	2.087	10.8	19.2
5 31	14 10.27	−17 42.3	1.176	2.097	15.5	19.5
6 10	14 7.86	−17 33.7	1.253	2.108	19.4	19.8

444767 2007 RT_{262} 5 1.2 181°.89 0°.3/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 50.41	−18 0.6	4.168	5.027	6.4	22.7
4 11	14 45.71	−17 40.8	4.090	5.027	4.5	22.6
4 21	14 40.24	−17 16.4	4.040	5.027	2.4	22.4
5 1	14 34.37	−16 48.6	4.019	5.027	0.4	22.2
5 11	14 28.51	−16 19.5	4.030	5.026	2.1	22.4
5 21	14 23.06	−15 51.0	4.070	5.025	4.2	22.5
5 31	14 18.35	−15 24.9	4.138	5.024	6.2	22.7
6 10	14 14.66	−15 3.2	4.230	5.022	7.9	22.8

56562 2000 JN_{7} 5 1.2 232°.47 5°.7/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.10	− 1 15.1	2.057	2.941	10.8	20.0
4 11	14 50.26	+ 0 5.5	1.987	2.929	8.1	19.8
4 21	14 42.79	+ 1 23.6	1.943	2.917	6.0	19.6
5 1	14 34.42	+ 2 32.6	1.927	2.903	6.0	19.6
5 11	14 26.00	+ 3 26.5	1.938	2.890	8.2	19.7
5 21	14 18.39	+ 4 1.5	1.975	2.875	11.2	19.9
5 31	14 12.29	+ 4 15.7	2.035	2.860	14.0	20.0
6 10	14 8.18	+ 4 9.7	2.113	2.845	16.5	20.2

388733 2007 VH_{254} 5 1.2 157°.68 1°.6/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 54.07	−12 17.8	2.389	3.269	9.7	21.1
4 11	14 48.61	−11 24.3	2.324	3.273	6.7	20.9
4 21	14 41.84	−10 26.3	2.286	3.277	3.5	20.7
5 1	14 34.40	− 9 27.6	2.277	3.281	1.7	20.6
5 11	14 27.04	− 8 32.7	2.296	3.284	4.4	20.8
5 21	14 20.42	− 7 45.7	2.344	3.287	7.6	21.0
5 31	14 15.13	− 7 9.8	2.417	3.290	10.5	21.2
6 10	14 11.55	− 6 46.5	2.511	3.292	12.9	21.3

100648 1997 WZ_{2} 5 1.2 134°.55 1°.6/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.92	−12 26.3	1.675	2.557	13.0	20.2
4 11	14 53.76	−11 58.2	1.619	2.569	9.0	20.0
4 21	14 44.62	−11 24.9	1.588	2.579	4.6	19.8
5 1	14 34.45	−10 50.3	1.584	2.590	1.6	19.6
5 11	14 24.45	−10 19.3	1.608	2.600	5.3	19.8
5 21	14 15.67	− 9 56.3	1.658	2.609	9.6	20.1
5 31	14 8.92	− 9 44.6	1.732	2.617	13.3	20.4
6 10	14 4.68	− 9 45.9	1.825	2.625	16.4	20.6

305670 2009 BL_{90} 5 1.2 171°.07 4°.5/28.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.90	− 6 11.9	1.588	2.480	13.0	20.9
4 11	14 52.46	− 5 11.7	1.531	2.483	9.3	20.7
4 21	14 43.99	− 4 11.3	1.498	2.484	5.7	20.5
5 1	14 34.44	− 3 17.4	1.491	2.486	4.7	20.5
5 11	14 24.99	− 2 36.2	1.511	2.487	7.7	20.6
5 21	14 16.71	− 2 12.3	1.556	2.488	11.5	20.8
5 31	14 10.43	− 2 7.6	1.623	2.488	15.1	21.1
6 10	14 6.66	− 2 21.9	1.708	2.488	18.1	21.3

45207 1999 XH_{175} 5 1.2 68°.19 7°.1/ 7.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 1.55	−37 1.5	1.898	2.694	15.3	18.7
4 11	14 54.20	−37 13.6	1.852	2.726	12.5	18.6
4 21	14 44.80	−37 1.2	1.827	2.758	9.7	18.4
5 1	14 34.46	−36 23.9	1.827	2.790	7.5	18.4
5 11	14 24.47	−35 25.2	1.853	2.821	7.2	18.4
5 21	14 15.93	−34 11.9	1.904	2.852	8.8	18.6
5 31	14 9.62	−32 52.3	1.981	2.883	11.1	18.8
6 10	14 5.94	−31 34.3	2.080	2.913	13.5	19.0

428318 2007 GY_{49} 5 1.2 13°.18 0°.4/ 1.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.44	−13 15.1	1.471	2.359	14.1	20.3
4 11	14 53.81	−13 38.5	1.409	2.360	9.9	20.1
4 21	14 44.82	−13 57.5	1.371	2.363	5.1	19.8
5 1	14 34.47	−14 13.7	1.358	2.366	0.4	19.4
5 11	14 24.11	−14 29.2	1.372	2.369	5.1	19.8
5 21	14 14.98	−14 46.7	1.411	2.373	9.9	20.1
5 31	14 8.11	−15 9.2	1.473	2.378	14.1	20.3
6 10	14 4.08	−15 38.8	1.555	2.383	17.6	20.6

68307 2001 FL_{104} 5 1.2 220°.80 0°.3/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.71	−16 48.2	2.284	3.152	10.6	19.7
4 11	14 51.35	−16 39.4	2.202	3.144	7.5	19.4
4 21	14 43.37	−16 23.4	2.147	3.136	3.9	19.2
5 1	14 34.45	−16 2.1	2.120	3.128	0.3	18.9
5 11	14 25.46	−15 38.5	2.122	3.119	3.7	19.2
5 21	14 17.23	−15 15.9	2.153	3.109	7.3	19.4
5 31	14 10.47	−14 57.9	2.209	3.100	10.6	19.5
6 10	14 5.68	−14 47.3	2.287	3.090	13.4	19.7

497978 2007 CS_{29} 5 1.2 80°.19 4°.9/ 4.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.59	−28 57.3	1.671	2.514	15.0	21.8
4 11	14 53.10	−29 5.8	1.610	2.526	11.6	21.6
4 21	14 44.38	−28 54.2	1.572	2.538	8.0	21.4
5 1	14 34.48	−28 22.6	1.558	2.549	5.2	21.2
5 11	14 24.69	−27 34.7	1.571	2.561	5.7	21.3
5 21	14 16.20	−26 36.8	1.609	2.573	8.8	21.5
5 31	14 9.92	−25 36.8	1.672	2.584	12.2	21.7
6 10	14 6.37	−24 41.7	1.756	2.596	15.4	21.9

406914 2009 FM_{6} 5 1.2 127°.20 2°.7/ 2.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.17	−22 34.9	1.611	2.474	14.5	22.5
4 11	14 54.88	−22 38.8	1.551	2.485	10.6	22.3
4 21	14 45.30	−22 27.9	1.513	2.495	6.3	22.1
5 1	14 34.50	−22 3.1	1.502	2.505	2.8	21.9
5 11	14 23.80	−21 28.3	1.518	2.515	4.8	22.0
5 21	14 14.43	−20 49.4	1.560	2.524	8.9	22.3
5 31	14 7.32	−20 12.5	1.626	2.532	12.9	22.5
6 10	14 3.00	−19 43.4	1.713	2.541	16.2	22.8

179578 2002 GQ_{15} 5 1.2 280°.36 5°.3/ 4.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.58	−30 41.7	2.397	3.212	12.0	19.7
4 11	14 53.59	−31 33.0	2.311	3.204	9.6	19.5
4 21	14 44.65	−32 10.6	2.249	3.197	7.1	19.3
5 1	14 34.50	−32 32.2	2.214	3.190	5.4	19.2
5 11	14 24.09	−32 37.9	2.208	3.182	5.7	19.2
5 21	14 14.43	−32 30.1	2.229	3.175	7.7	19.3
5 31	14 6.38	−32 13.0	2.275	3.168	10.3	19.4
6 10	14 0.56	−31 52.1	2.344	3.160	12.7	19.6

124780 2001 SR_{250} 5 1.2 254°.59 2°.5/29.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.79	−11 42.1	1.452	2.345	14.0	21.0
4 11	14 52.75	−10 54.6	1.380	2.334	9.8	20.7
4 21	14 44.32	−9 59.9	1.331	2.323	5.2	20.4
5 1	14 34.49	−9 3.7	1.307	2.312	2.6	20.2
5 11	14 24.55	−8 13.1	1.310	2.300	6.6	20.4
5 21	14 15.75	−7 34.3	1.337	2.288	11.4	20.6
5 31	14 9.14	−7 12.1	1.387	2.276	15.7	20.9
6 10	14 5.34	−7 8.6	1.454	2.264	19.4	21.1

153820 2001 WO_{20} 5 1.2 192°.22 1°.5/30.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.59	−13 24.5	1.871	2.754	11.8	21.0
4 11	14 50.72	−12 38.5	1.803	2.753	8.2	20.8
4 21	14 43.07	−11 45.8	1.761	2.752	4.2	20.5
5 1	14 34.47	−10 50.7	1.745	2.751	1.5	20.3
5 11	14 25.90	−9 58.8	1.758	2.750	5.0	20.5
5 21	14 18.29	−9 14.9	1.797	2.748	9.0	20.8
5 31	14 12.40	−8 43.2	1.861	2.746	12.6	21.0
6 10	14 8.71	−8 26.0	1.945	2.744	15.6	21.2

519334 2011 FG_{159} 5 1.2 338°.78 2°.1/29.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 54.77	−12 16.6	1.685	2.577	12.4	20.8
4 11	14 49.59	−11 25.1	1.620	2.574	8.6	20.6
4 21	14 42.54	−10 27.2	1.578	2.571	4.5	20.3
5 1	14 34.46	−9 28.2	1.564	2.568	2.2	20.2
5 11	14 26.40	−8 34.3	1.576	2.566	5.7	20.4
5 21	14 19.36	−7 50.9	1.613	2.564	9.8	20.6
5 31	14 14.12	−7 22.3	1.674	2.562	13.6	20.8
6 10	14 11.19	−7 10.1	1.754	2.561	16.7	21.1

208596 2002 CN_{143} 5 1.2 202°.61 3°.7/28.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 59.29	−7 19.4	1.947	2.829	11.5	21.4
4 11	14 52.55	−6 18.3	1.876	2.824	8.1	21.2
4 21	14 44.01	−5 15.1	1.832	2.818	4.8	21.0
5 1	14 34.49	−4 15.5	1.815	2.811	3.9	20.9
5 11	14 24.96	−3 25.2	1.828	2.804	6.6	21.0
5 21	14 16.37	−2 48.7	1.867	2.795	10.1	21.2
5 31	14 9.47	−2 28.6	1.929	2.785	13.5	21.4
6 10	14 4.77	−2 25.9	2.012	2.775	16.3	21.6

266362 2007 EW_{48} 5 1.2 54°.52 2°.0/ 2.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.77	−19 6.1	1.547	2.421	14.4	19.8
4 11	14 54.63	−19 37.7	1.493	2.434	10.3	19.6
4 21	14 45.19	−19 58.9	1.461	2.448	5.9	19.3
5 1	14 34.51	−20 9.8	1.456	2.462	2.1	19.1
5 11	14 23.94	−20 12.7	1.478	2.476	4.7	19.3
5 21	14 14.69	−20 11.4	1.526	2.490	9.1	19.6
5 31	14 7.72	−20 10.4	1.597	2.505	13.0	19.9
6 10	14 3.55	−20 13.9	1.689	2.519	16.3	20.1

45822 2000 QQ_{116} 5 1.2 230°.12 1°.2/29.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 47.34	−8 48.2	5.127	6.003	5.0	20.2
4 11	14 43.51	−8 27.4	5.048	5.995	3.4	20.0
4 21	14 39.11	−8 6.1	4.998	5.987	1.9	19.9
5 1	14 34.40	−7 45.6	4.977	5.978	1.2	19.8
5 11	14 29.68	−7 27.4	4.987	5.970	2.5	19.9
5 21	14 25.25	−7 12.8	5.026	5.961	4.1	20.1
5 31	14 21.36	−7 2.9	5.092	5.952	5.6	20.2
6 10	14 18.24	−6 58.4	5.182	5.943	6.9	20.3

405259 2003 SR_{269} 5 1.2 187°.99 0°.2/ 1.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.56	−15 15.5	1.961	2.832	11.9	21.5
4 11	14 54.19	−15 9.3	1.888	2.832	8.4	21.3
4 21	14 44.90	−14 56.3	1.841	2.831	4.4	21.1
5 1	14 34.52	−14 38.7	1.821	2.829	0.2	20.7
5 11	14 24.10	−14 19.7	1.831	2.826	4.3	21.1
5 21	14 14.67	−14 3.0	1.868	2.823	8.4	21.3
5 31	14 7.03	−13 52.3	1.931	2.819	12.0	21.5
6 10	14 1.73	−13 50.3	2.015	2.814	15.1	21.7

74942 1999 TO_{177} 5 1.2 202°.61 0°.9/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.78	−14 22.3	2.323	3.198	10.2	20.3
4 11	14 49.92	−13 40.4	2.248	3.194	7.0	20.1
4 21	14 42.59	−12 52.1	2.199	3.190	3.6	19.9
5 1	14 34.47	−12 0.7	2.179	3.185	1.0	19.7
5 11	14 26.36	−11 10.6	2.187	3.180	4.1	19.9
5 21	14 19.00	−10 25.9	2.224	3.174	7.6	20.1
5 31	14 13.04	−9 50.4	2.287	3.168	10.7	20.3
6 10	14 8.92	−9 26.4	2.371	3.161	13.4	20.4

225597 2000 XQ_{13} 5 1.2 188°.30 6°.0/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.16	−39 12.0	2.628	3.393	12.4	21.2
4 11	14 53.03	−38 56.4	2.539	3.392	10.3	21.0
4 21	14 44.21	−38 19.5	2.473	3.390	8.2	20.9
5 1	14 34.50	−37 20.8	2.434	3.388	6.5	20.8
5 11	14 24.89	−36 2.6	2.422	3.385	6.1	20.7
5 21	14 16.25	−34 30.2	2.439	3.381	7.4	20.8
5 31	14 9.32	−32 50.2	2.484	3.377	9.5	20.9
6 10	14 4.53	−31 10.2	2.553	3.372	11.7	21.1

145110 2005 GF_{117} 5 1.2 254°.12 2°.0/ 2.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.45	−20 36.9	1.686	2.554	13.7	20.3
4 11	14 53.86	−20 44.3	1.604	2.542	10.0	20.0
4 21	14 44.91	−20 39.5	1.545	2.530	5.8	19.7
5 1	14 34.52	−20 23.2	1.513	2.518	2.1	19.5
5 11	14 23.91	−19 58.5	1.508	2.506	4.7	19.6
5 21	14 14.32	−19 30.0	1.529	2.493	9.1	19.8
5 31	14 6.78	−19 3.6	1.574	2.480	13.3	20.0
6 10	14 1.97	−18 44.4	1.640	2.466	16.8	20.2

374455 2005 XM_{16} 5 1.2 140°.78 4°.4/ 5.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.37	−30 52.8	2.095	2.920	13.1	20.8
4 11	14 51.93	−30 34.8	2.025	2.928	10.2	20.6
4 21	14 43.68	−29 57.5	1.977	2.937	7.1	20.4
5 1	14 34.50	−29 1.8	1.956	2.944	4.7	20.3
5 11	14 25.44	−27 51.7	1.963	2.951	5.0	20.3
5 21	14 17.44	−26 33.2	1.998	2.958	7.5	20.5
5 31	14 11.27	−25 13.5	2.059	2.965	10.6	20.7
6 10	14 7.37	−23 59.2	2.142	2.971	13.3	20.9

407728 2011 UG_{320} 5 1.2 129°.46 2°.4/29.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.25	−10 50.2	1.646	2.532	13.0	22.6
4 11	14 53.32	−10 10.4	1.593	2.544	9.0	22.3
4 21	14 44.42	−9 26.7	1.564	2.555	4.8	22.1
5 1	14 34.53	−8 43.9	1.562	2.566	2.5	22.0
5 11	14 24.83	−8 7.4	1.588	2.576	5.9	22.2
5 21	14 16.35	−7 41.7	1.640	2.586	10.0	22.5
5 31	14 9.89	−7 29.7	1.715	2.596	13.7	22.7
6 10	14 5.91	−7 32.5	1.809	2.604	16.7	23.0

259134 2002 XK_{58} 5 1.2 137°.07 17°.3/24.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 10.52	+22 53.5	1.243	2.070	20.1	20.2
4 11	15 0.81	+23 50.5	1.213	2.078	18.3	20.1
4 21	14 48.33	+24 9.8	1.201	2.085	17.4	20.0
5 1	14 34.62	+23 42.3	1.209	2.092	17.6	20.0
5 11	14 21.48	+22 26.3	1.237	2.098	18.9	20.1
5 21	14 10.40	+20 27.7	1.285	2.104	20.8	20.3
5 31	14 2.37	+17 56.5	1.349	2.109	22.9	20.5
6 10	13 57.76	+15 4.0	1.428	2.114	24.9	20.6

45927 2000 YR_{113} 5 1.2 342°.42 6°.1/ 4.4 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.24	−27 44.3	1.168	2.041	18.1	18.1
4 11	14 51.70	−28 14.9	1.098	2.031	14.1	17.8
4 21	14 44.09	−28 22.2	1.048	2.021	9.8	17.6
5 1	14 34.54	−28 4.2	1.019	2.013	6.5	17.4
5 11	14 24.74	−27 23.6	1.012	2.006	7.2	17.4
5 21	14 16.38	−26 28.0	1.028	2.000	11.3	17.6
5 31	14 10.84	−25 27.7	1.064	1.995	15.8	17.8
6 10	14 8.86	−24 33.0	1.118	1.992	20.0	18.0

199023 2005 WR_{101} 5 1.2 180°.45 1°.5/ 2.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.34	−21 45.7	1.452	2.326	15.1	21.0
4 11	14 53.12	−21 6.3	1.385	2.327	10.9	20.7
4 21	14 44.50	−20 9.1	1.340	2.327	6.1	20.4
5 1	14 34.55	−18 57.7	1.321	2.328	1.7	20.2
5 11	14 24.66	−17 39.0	1.329	2.327	4.9	20.4
5 21	14 16.09	−16 21.6	1.361	2.327	9.8	20.6
5 31	14 9.85	−15 13.9	1.417	2.326	14.2	20.9
6 10	14 6.48	−14 21.6	1.493	2.325	18.0	21.1

338792 2003 UP_{338} 5 1.2 269°.84 0°.6/30.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.04	−15 6.4	1.904	2.785	11.8	21.6
4 11	14 50.41	−14 38.3	1.830	2.778	8.2	21.4
4 21	14 42.97	−14 2.7	1.780	2.772	4.2	21.1
5 1	14 34.52	−13 22.7	1.758	2.765	0.6	20.8
5 11	14 26.04	−12 42.9	1.764	2.759	4.5	21.1
5 21	14 18.45	−12 8.0	1.796	2.752	8.5	21.4
5 31	14 12.53	−11 42.1	1.852	2.746	12.2	21.6
6 10	14 8.80	−11 27.9	1.929	2.739	15.3	21.8

425934 2011 GD_{61} 5 1.2 28°.26 4°.7/28.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.81	− 4 6.1	1.544	2.439	13.2	20.3
4 11	14 51.74	− 3 42.0	1.493	2.444	9.4	20.1
4 21	14 43.67	− 3 21.8	1.465	2.451	5.9	19.9
5 1	14 34.55	− 3 10.3	1.463	2.457	4.8	19.9
5 11	14 25.56	− 3 11.7	1.486	2.464	7.5	20.1
5 21	14 17.76	− 3 28.1	1.534	2.472	11.2	20.3
5 31	14 11.96	− 3 59.9	1.604	2.480	14.7	20.5
6 10	14 8.65	− 4 46.0	1.693	2.488	17.7	20.7

157887 1999 RS_{178} 5 1.2 219°.50 5°.2/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.36	− 0 56.2	2.295	3.176	10.0	20.2
4 11	14 49.63	+ 0 13.7	2.227	3.168	7.5	20.0
4 21	14 42.47	+ 1 20.4	2.186	3.159	5.5	19.8
5 1	14 34.53	+ 2 18.6	2.173	3.149	5.5	19.8
5 11	14 26.58	+ 3 3.2	2.189	3.139	7.4	19.9
5 21	14 19.36	+ 3 31.3	2.230	3.129	10.1	20.1
5 31	14 13.50	+ 3 41.3	2.294	3.118	12.7	20.2
6 10	14 9.42	+ 3 33.6	2.378	3.106	15.0	20.4

302260 2001 XS_{120} 5 1.2 266°.54 3°.3/28.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.13	− 5 53.6	2.210	3.093	10.2	20.5
4 11	14 50.26	− 5 29.2	2.135	3.083	7.3	20.3
4 21	14 42.84	− 5 5.6	2.086	3.073	4.4	20.1
5 1	14 34.54	− 4 46.5	2.066	3.062	3.4	20.0
5 11	14 26.20	− 4 35.2	2.073	3.052	5.7	20.2
5 21	14 18.59	− 4 34.3	2.107	3.041	8.8	20.3
5 31	14 12.40	− 4 45.3	2.166	3.030	11.9	20.5
6 10	14 8.10	− 5 8.6	2.245	3.019	14.5	20.7

396378 2014 DX_{113} 5 1.2 79°.48 6°.6/ 6.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.51	−35 28.4	2.192	2.988	13.5	20.6
4 11	14 53.53	−36 5.6	2.129	3.004	11.1	20.4
4 21	14 44.59	−36 23.3	2.090	3.021	8.7	20.3
5 1	14 34.58	−36 19.7	2.076	3.037	6.9	20.2
5 11	14 24.61	−35 56.3	2.088	3.053	6.8	20.2
5 21	14 15.72	−35 17.3	2.127	3.069	8.3	20.3
5 31	14 8.75	−34 28.8	2.190	3.085	10.5	20.5
6 10	14 4.19	−33 37.7	2.276	3.100	12.8	20.7

168502 1999 SS_{10} 5 1.2 239°.22 1°.9/ 2.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.26	−21 55.8	1.940	2.798	12.6	21.1
4 11	14 53.53	−21 44.5	1.849	2.782	9.2	20.9
4 21	14 44.71	−21 19.9	1.783	2.766	5.4	20.6
5 1	14 34.59	−20 43.1	1.744	2.748	2.1	20.3
5 11	14 24.27	−19 57.6	1.733	2.730	4.2	20.5
5 21	14 14.83	−19 8.6	1.750	2.711	8.3	20.7
5 31	14 7.21	−18 22.0	1.792	2.692	12.2	20.8
6 10	14 2.02	−17 43.4	1.855	2.671	15.6	21.0

306339 2011 SQ_{129} 5 1.2 268°.00 1°.9/ 2.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 3.40	−19 10.5	1.469	2.342	15.0	21.1
4 11	14 56.40	−19 30.2	1.380	2.322	11.0	20.8
4 21	14 46.49	−19 38.9	1.314	2.301	6.3	20.5
5 1	14 34.64	−19 36.4	1.273	2.279	2.0	20.2
5 11	14 22.29	−19 25.2	1.259	2.257	5.3	20.3
5 21	14 10.96	−19 9.5	1.271	2.235	10.5	20.5
5 31	14 2.01	−18 55.6	1.305	2.212	15.3	20.7
6 10	13 56.28	−18 49.1	1.358	2.189	19.5	21.0

488792 2004 XX_{159} 5 1.2 117°.00 3°.5/ 4.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.09	−28 0.8	2.359	3.189	11.7	21.9
4 11	14 52.20	−27 56.0	2.298	3.208	8.9	21.7
4 21	14 43.77	−27 36.5	2.262	3.227	5.9	21.6
5 1	14 34.58	−27 3.2	2.253	3.246	3.7	21.5
5 11	14 25.53	−26 19.0	2.274	3.264	4.2	21.5
5 21	14 17.45	−25 28.5	2.322	3.281	6.7	21.7
5 31	14 11.00	−24 36.9	2.397	3.298	9.5	21.9
6 10	14 6.59	−23 49.1	2.495	3.314	12.0	22.1

206927 2004 QH_{21} 5 1.2 149°.53 2°.3/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.08	−11 16.1	1.864	2.744	12.0	21.5
4 11	14 53.05	−10 20.9	1.807	2.756	8.3	21.3
4 21	14 44.25	− 9 21.0	1.776	2.767	4.4	21.0
5 1	14 34.59	− 8 21.6	1.774	2.777	2.4	20.9
5 11	14 25.09	− 7 28.3	1.800	2.786	5.6	21.1
5 21	14 16.68	− 6 46.0	1.852	2.794	9.4	21.4
5 31	14 10.11	− 6 17.8	1.930	2.801	12.8	21.6
6 10	14 5.80	− 6 5.3	2.027	2.808	15.6	21.8

64792 2001 XL_{206} 5 1.2 145°.81 0°.8/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.96	−20 21.8	1.964	2.831	12.1	19.5
4 11	14 50.92	−19 37.1	1.898	2.838	8.6	19.2
4 21	14 43.18	−18 40.1	1.856	2.844	4.7	19.0
5 1	14 34.57	−17 34.0	1.843	2.849	0.9	18.7
5 11	14 26.05	−16 24.5	1.857	2.855	3.9	19.0
5 21	14 18.54	−15 17.4	1.900	2.860	7.9	19.2
5 31	14 12.76	−14 18.4	1.967	2.865	11.4	19.5
6 10	14 9.13	−13 31.6	2.056	2.869	14.4	19.7

334761 2003 ST_{16} 5 1.2 191°.39 1°.4/ 2.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.27	−21 32.6	2.088	2.950	11.7	21.4
4 11	14 50.46	−21 5.6	2.014	2.950	8.4	21.2
4 21	14 42.97	−20 26.3	1.964	2.949	4.8	20.9
5 1	14 34.57	−19 37.1	1.942	2.948	1.6	20.7
5 11	14 26.18	−18 42.2	1.949	2.946	3.7	20.8
5 21	14 18.69	−17 46.7	1.982	2.945	7.4	21.1
5 31	14 12.81	−16 56.0	2.042	2.943	10.9	21.3
6 10	14 9.02	−16 14.2	2.123	2.941	13.8	21.5

6311 Porubčan 5 1.2 162°.07 2°.5/ 3.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.14	−23 23.2	1.917	2.769	13.0	18.2
4 11	14 54.67	−23 17.2	1.848	2.776	9.6	18.0
4 21	14 45.19	−22 57.0	1.803	2.783	5.8	17.8
5 1	14 34.63	−22 23.8	1.786	2.788	2.6	17.6
5 11	14 24.12	−21 41.2	1.797	2.793	4.3	17.7
5 21	14 14.72	−20 54.5	1.836	2.797	8.0	17.9
5 31	14 7.29	−20 9.7	1.901	2.801	11.6	18.1
6 10	14 2.33	−19 31.9	1.987	2.803	14.7	18.4

107398 2001 DA_{1} 5 1.2 347°.73 2°.5/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 54.41	−12 22.4	1.184	2.091	15.3	18.7
4 11	14 49.98	−11 34.3	1.123	2.084	10.7	18.4
4 21	14 43.01	−10 37.8	1.084	2.078	5.6	18.1
5 1	14 34.58	− 9 39.6	1.068	2.073	2.6	17.9
5 11	14 26.12	− 8 48.0	1.075	2.069	7.0	18.2
5 21	14 18.98	− 8 10.3	1.106	2.066	12.2	18.4
5 31	14 14.25	− 7 51.4	1.156	2.064	16.8	18.7
6 10	14 12.50	− 7 53.2	1.223	2.062	20.7	18.9

312516 2009 DF_{17} 5 1.2 61°.25 3°.4/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.06	−10 31.8	1.340	2.240	14.4	20.8
4 11	14 51.43	− 9 23.3	1.291	2.248	10.0	20.6
4 21	14 43.57	− 8 9.7	1.264	2.256	5.5	20.3
5 1	14 34.59	− 6 58.6	1.262	2.264	3.6	20.2
5 11	14 25.80	− 5 58.2	1.286	2.272	7.2	20.5
5 21	14 18.36	− 5 14.7	1.333	2.281	11.7	20.7
5 31	14 13.16	− 4 51.6	1.402	2.290	15.7	21.0
6 10	14 10.66	− 4 49.5	1.489	2.298	19.1	21.2

417337 2006 DR_{79} 5 1.2 67°.93 3°.2/28.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.66	− 9 12.4	1.682	2.572	12.5	21.6
4 11	14 51.28	− 8 8.6	1.650	2.603	8.6	21.5
4 21	14 43.27	− 7 3.5	1.643	2.633	4.8	21.3
5 1	14 34.59	− 6 3.2	1.664	2.664	3.4	21.3
5 11	14 26.27	− 5 13.6	1.711	2.694	6.3	21.5
5 21	14 19.19	− 4 38.6	1.784	2.723	9.8	21.8
5 31	14 13.99	− 4 20.2	1.881	2.753	13.1	22.0
6 10	14 11.01	− 4 18.5	1.997	2.782	15.7	22.3

155916 2001 ON_{68} 5 1.2 349°.13 5°.4/ 4.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 55.45	−26 12.0	1.003	1.890	19.2	19.2
4 11	14 51.36	−26 28.5	0.941	1.883	14.7	18.9
4 21	14 44.00	−26 19.7	0.896	1.877	9.7	18.6
5 1	14 34.61	−25 44.6	0.872	1.872	5.7	18.3
5 11	14 25.05	−24 48.3	0.870	1.868	7.0	18.4
5 21	14 17.14	−23 40.4	0.888	1.865	11.8	18.6
5 31	14 12.28	−22 33.0	0.926	1.864	16.9	18.9
6 10	14 11.18	−21 36.4	0.981	1.864	21.4	19.2

362016 2008 WB_{129} 5 1.2 129°.10 2°.1/30.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.54	−10 31.1	1.608	2.491	13.4	21.1
4 11	14 55.00	−10 14.8	1.553	2.503	9.3	20.9
4 21	14 45.36	− 9 55.7	1.524	2.514	4.9	20.6
5 1	14 34.64	− 9 37.2	1.521	2.525	2.2	20.5
5 11	14 24.08	− 9 23.5	1.545	2.536	5.7	20.7
5 21	14 14.81	− 9 18.3	1.596	2.546	10.0	21.0
5 31	14 7.67	− 9 24.0	1.670	2.555	13.8	21.2
6 10	14 3.17	− 9 41.7	1.764	2.564	16.9	21.5

375259 2008 GL_{115} 5 1.2 254°.64 1°.2/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 51.16	− 8 40.9	4.468	5.339	5.7	20.7
4 11	14 46.23	− 8 40.7	4.389	5.334	4.0	20.6
4 21	14 40.58	− 8 40.3	4.340	5.328	2.1	20.5
5 1	14 34.55	− 8 40.9	4.320	5.323	1.2	20.4
5 11	14 28.50	− 8 43.6	4.332	5.317	2.6	20.5
5 21	14 22.79	− 8 49.7	4.373	5.311	4.5	20.6
5 31	14 17.75	− 8 59.9	4.442	5.306	6.3	20.7
6 10	14 13.64	− 9 14.9	4.535	5.300	7.8	20.9

499188 2009 SS_{310} 5 1.2 148°.65 0°.7/ 1.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.99	−19 33.4	2.399	3.258	10.5	22.7
4 11	14 51.39	−19 5.3	2.334	3.270	7.4	22.6
4 21	14 43.36	−18 27.9	2.295	3.281	4.0	22.4
5 1	14 34.61	−17 43.7	2.284	3.291	0.8	22.1
5 11	14 25.96	−16 56.2	2.304	3.301	3.4	22.3
5 21	14 18.17	−16 9.8	2.352	3.309	6.7	22.6
5 31	14 11.85	−15 28.5	2.427	3.317	9.8	22.8
6 10	14 7.40	−14 55.5	2.524	3.325	12.4	23.0

512600 2016 TD_{7} 5 1.2 280°.79 4°.6/26.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 52.32	− 3 37.5	2.269	3.158	9.8	21.3
4 11	14 47.55	− 2 16.8	2.202	3.150	7.1	21.1
4 21	14 41.43	− 0 56.8	2.162	3.141	5.0	21.0
5 1	14 34.56	+ 0 16.7	2.150	3.133	4.9	21.0
5 11	14 27.71	+ 1 18.2	2.165	3.124	7.0	21.1
5 21	14 21.55	+ 2 3.8	2.207	3.116	9.7	21.2
5 31	14 16.69	+ 2 31.3	2.272	3.107	12.4	21.4
6 10	14 13.54	+ 2 40.6	2.356	3.099	14.7	21.5

56713 2000 MC_{3} 5 1.2 223°.91 1°.6/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.54	−12 20.4	2.125	3.003	10.8	19.5
4 11	14 51.33	−11 42.4	2.045	2.993	7.5	19.3
4 21	14 43.45	−10 59.0	1.992	2.983	3.9	19.0
5 1	14 34.61	−10 13.9	1.966	2.971	1.6	18.8
5 11	14 25.72	− 9 31.6	1.970	2.960	4.7	19.0
5 21	14 17.61	− 8 56.3	2.001	2.948	8.5	19.2
5 31	14 11.04	− 8 31.5	2.057	2.935	11.9	19.4
6 10	14 6.51	− 8 19.4	2.134	2.921	14.7	19.6

43354 2000 SZ_{278} 5 1.2 239°.28 3°.8/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.17	− 2 21.7	2.475	3.350	9.6	17.4
4 11	14 51.53	− 2 13.8	2.402	3.343	7.0	17.2
4 21	14 43.48	− 2 9.8	2.356	3.336	4.6	17.1
5 1	14 34.63	− 2 12.5	2.339	3.329	3.9	17.0
5 11	14 25.76	− 2 24.3	2.351	3.321	5.7	17.1
5 21	14 17.58	− 2 46.4	2.391	3.314	8.5	17.3
5 31	14 10.74	− 3 19.3	2.456	3.306	11.1	17.4
6 10	14 5.65	− 4 2.5	2.543	3.298	13.5	17.6

192031 2005 YU_{225} 5 1.2 318°.58 8°.2/25.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.31	+ 4 50.5	1.661	2.545	13.0	19.8
4 11	14 51.38	+ 5 45.3	1.606	2.539	10.3	19.6
4 21	14 43.52	+ 6 28.8	1.574	2.535	8.5	19.5
5 1	14 34.63	+ 6 54.0	1.567	2.530	8.6	19.5
5 11	14 25.79	+ 6 56.3	1.585	2.525	10.6	19.6
5 21	14 17.99	+ 6 34.2	1.626	2.521	13.4	19.7
5 31	14 12.07	+ 5 48.8	1.688	2.517	16.3	19.9
6 10	14 8.50	+ 4 43.5	1.767	2.513	18.8	20.1

285187 1996 TS_{46} 5 1.2 160°.71 0°.8/ 1.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.67	−18 38.7	1.828	2.696	12.8	21.7
4 11	14 53.67	−18 23.2	1.761	2.702	9.1	21.5
4 21	14 44.69	−17 57.1	1.719	2.707	4.9	21.3
5 1	14 34.66	−17 22.7	1.705	2.712	0.9	21.0
5 11	14 24.68	−16 44.4	1.719	2.716	4.2	21.2
5 21	14 15.79	−16 6.9	1.760	2.720	8.4	21.5
5 31	14 8.83	−15 35.3	1.825	2.722	12.2	21.7
6 10	14 4.30	−15 13.5	1.912	2.725	15.3	21.9

443347 2014 GB_{22} 5 1.2 342°.95 5°.5/ 5.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 58.27	−31 11.5	2.136	2.958	13.0	20.9
4 11	14 52.11	−31 48.8	2.057	2.955	10.3	20.7
4 21	14 43.97	−32 9.7	2.002	2.953	7.7	20.5
5 1	14 34.64	−32 12.7	1.972	2.950	5.8	20.4
5 11	14 25.18	−31 58.8	1.970	2.948	6.0	20.4
5 21	14 16.59	−31 31.6	1.993	2.946	8.1	20.5
5 31	14 9.78	−30 56.2	2.042	2.944	10.8	20.7
6 10	14 5.31	−30 19.0	2.112	2.943	13.4	20.8

208242 2000 TJ_{40} 5 1.2 176°.69 4°.7/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.83	− 5 26.6	1.662	2.552	12.7	20.5
4 11	14 52.41	− 4 23.3	1.604	2.554	9.0	20.3
4 21	14 44.04	− 3 20.5	1.571	2.556	5.7	20.1
5 1	14 34.64	− 2 24.7	1.564	2.556	5.0	20.0
5 11	14 25.33	− 1 42.2	1.584	2.557	7.7	20.2
5 21	14 17.12	− 1 17.1	1.629	2.557	11.4	20.4
5 31	14 10.84	− 1 11.5	1.696	2.556	14.8	20.6
6 10	14 6.96	− 1 25.0	1.782	2.555	17.7	20.8

233087 2005 QZ_{188} 5 1.2 139°.81 0°.4/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.35	−16 47.2	1.300	2.190	15.5	21.1
4 11	14 53.28	−16 6.5	1.240	2.192	10.9	20.9
4 21	14 44.67	−15 13.0	1.201	2.193	5.6	20.6
5 1	14 34.66	−14 11.4	1.187	2.195	0.4	20.2
5 11	14 24.72	−13 9.5	1.199	2.196	5.7	20.6
5 21	14 16.19	−12 14.9	1.235	2.198	10.9	20.9
5 31	14 10.12	−11 34.4	1.293	2.199	15.5	21.1
6 10	14 7.06	−11 11.5	1.369	2.200	19.3	21.4

64990 2002 AK_{54} 5 1.2 291°.05 3°.3/28.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 54.32	− 6 56.0	2.146	3.033	10.3	19.3
4 11	14 49.09	− 6 15.2	2.067	3.017	7.3	19.1
4 21	14 42.30	− 5 33.6	2.014	3.002	4.4	18.9
5 1	14 34.61	− 4 55.3	1.989	2.986	3.4	18.8
5 11	14 26.84	− 4 24.9	1.991	2.970	5.8	18.9
5 21	14 19.79	− 4 5.7	2.020	2.955	9.1	19.1
5 31	14 14.14	− 4 0.0	2.073	2.939	12.3	19.3
6 10	14 10.38	− 4 8.6	2.146	2.924	15.0	19.4

191821 2004 TT_{359} 5 1.2 201°.57 3°.2/28.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.29	− 7 57.1	1.991	2.877	11.1	20.5
4 11	14 50.46	− 7 9.7	1.925	2.875	7.7	20.3
4 21	14 42.99	− 6 20.8	1.885	2.873	4.5	20.1
5 1	14 34.63	− 5 35.0	1.872	2.871	3.3	20.0
5 11	14 26.30	− 4 57.3	1.887	2.868	5.9	20.1
5 21	14 18.84	− 4 31.4	1.929	2.865	9.4	20.3
5 31	14 12.97	− 4 19.8	1.994	2.862	12.6	20.5
6 10	14 9.14	− 4 23.2	2.080	2.859	15.4	20.7

300996 2008 GG_{21} 5 1.2 84°.51 3°.9/ 4.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.96	−27 13.4	2.378	3.209	11.5	20.5
4 11	14 52.96	−27 49.3	2.312	3.222	8.8	20.4
4 21	14 44.28	−28 12.5	2.271	3.234	6.1	20.2
5 1	14 34.66	−28 22.2	2.258	3.247	4.1	20.1
5 11	14 25.04	−28 19.5	2.273	3.259	4.6	20.1
5 21	14 16.28	−28 7.5	2.316	3.271	7.0	20.3
5 31	14 9.14	−27 50.2	2.386	3.284	9.7	20.5
6 10	14 4.08	−27 32.4	2.478	3.296	12.1	20.7

392414 2010 LU_{131} 5 1.2 277°.02 1°.8/29.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 54.62	−10 55.3	2.514	3.393	9.3	21.3
4 11	14 49.21	−10 17.3	2.417	3.365	6.5	21.0
4 21	14 42.35	− 9 35.3	2.347	3.338	3.5	20.8
5 1	14 34.62	− 8 52.5	2.306	3.310	1.9	20.6
5 11	14 26.74	− 8 12.7	2.294	3.281	4.5	20.8
5 21	14 19.42	− 7 39.5	2.310	3.252	7.7	20.9
5 31	14 13.30	− 7 16.0	2.351	3.223	10.8	21.1
6 10	14 8.87	− 7 4.2	2.414	3.193	13.5	21.2

25666 2000 AR_{89} 5 1.2 247°.55 3°.8/ 4.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.56	−28 10.1	2.239	3.073	12.0	18.6
4 11	14 51.50	−28 7.9	2.148	3.060	9.3	18.4
4 21	14 43.62	−27 49.9	2.080	3.046	6.3	18.2
5 1	14 34.65	−27 16.4	2.040	3.032	4.0	18.0
5 11	14 25.56	−26 29.8	2.027	3.018	4.6	18.0
5 21	14 17.26	−25 34.7	2.043	3.003	7.4	18.2
5 31	14 10.58	−24 36.8	2.084	2.988	10.5	18.3
6 10	14 6.06	−23 42.1	2.147	2.973	13.4	18.5

347985 2003 SQ_{108} 5 1.2 188°.54 2°.0/ 3.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.58	−23 24.6	2.744	3.587	9.8	22.0
4 11	14 51.12	−23 17.0	2.662	3.586	7.2	21.8
4 21	14 43.26	−22 59.2	2.607	3.584	4.4	21.6
5 1	14 34.65	−22 32.1	2.580	3.582	2.1	21.5
5 11	14 26.01	−21 58.2	2.584	3.579	3.3	21.6
5 21	14 18.07	−21 20.8	2.616	3.575	6.1	21.7
5 31	14 11.43	−20 43.7	2.676	3.571	8.8	21.9
6 10	14 6.51	−20 10.7	2.759	3.566	11.3	22.1

31575 Nikhilmurthy 5 1.2 48°.23 4°.7/ 3.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 1.00	−25 51.5	1.309	2.175	17.0	18.6
4 11	14 54.63	−26 14.3	1.249	2.181	12.9	18.3
4 21	14 45.46	−26 17.0	1.211	2.187	8.4	18.1
5 1	14 34.70	−25 58.9	1.195	2.193	5.0	17.9
5 11	14 23.96	−25 23.6	1.205	2.200	6.1	18.0
5 21	14 14.75	−24 38.2	1.238	2.206	10.3	18.2
5 31	14 8.23	−23 51.3	1.294	2.213	14.5	18.5
6 10	14 4.98	−23 10.9	1.368	2.220	18.2	18.8

496426 2014 GQ_9 5 1.2 233°.60 4°.5/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 52.67	− 3 28.3	2.408	3.295	9.4	20.6
4 11	14 47.73	− 2 2.8	2.343	3.289	6.8	20.4
4 21	14 41.51	− 0 38.1	2.305	3.283	4.8	20.3
5 1	14 34.61	+ 0 40.1	2.296	3.277	4.8	20.3
5 11	14 27.74	+ 1 46.5	2.315	3.271	6.8	20.4
5 21	14 21.54	+ 2 37.3	2.360	3.264	9.4	20.6
5 31	14 16.57	+ 3 10.4	2.429	3.258	11.9	20.7
6 10	14 13.24	+ 3 25.6	2.518	3.251	14.1	20.9

319272 2006 BR_{44} 5 1.2 95°.88 4°.4/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.42	− 7 20.1	1.433	2.327	14.1	20.9
4 11	14 53.52	− 6 15.1	1.394	2.347	9.8	20.7
4 21	14 44.57	− 5 10.0	1.379	2.367	5.8	20.5
5 1	14 34.69	− 4 12.1	1.390	2.387	4.6	20.5
5 11	14 25.16	− 3 27.9	1.427	2.406	7.6	20.7
5 21	14 17.05	− 3 1.8	1.488	2.425	11.6	21.0
5 31	14 11.17	− 2 55.4	1.571	2.443	15.2	21.3
6 10	14 7.91	− 3 8.0	1.673	2.461	18.2	21.5

29684 1998 XF_{51} 5 1.2 155°.02 0°.8/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.13	−14 22.5	1.686	2.564	13.2	18.0
4 11	14 54.76	−14 3.5	1.625	2.572	9.2	17.8
4 21	14 45.29	−13 37.4	1.588	2.579	4.7	17.6
5 1	14 34.71	−13 7.3	1.578	2.585	0.8	17.3
5 11	14 24.23	−12 38.0	1.596	2.591	4.9	17.6
5 21	14 14.93	−12 13.8	1.640	2.595	9.3	17.9
5 31	14 7.71	−11 58.8	1.709	2.600	13.2	18.1
6 10	14 3.07	−11 55.5	1.798	2.603	16.4	18.3

152412 2005 UA_{343} 5 1.2 144°.49 7°.4/ 7.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.62	−38 35.3	2.112	2.893	14.5	19.2
4 11	14 54.46	−38 53.0	2.040	2.901	12.1	19.1
4 21	14 45.17	−38 47.4	1.989	2.909	9.7	18.9
5 1	14 34.71	−38 16.7	1.963	2.916	7.8	18.8
5 11	14 24.30	−37 23.0	1.963	2.923	7.5	18.8
5 21	14 15.09	−36 11.6	1.989	2.930	8.9	18.9
5 31	14 7.96	−34 50.1	2.041	2.936	11.2	19.1
6 10	14 3.43	−33 27.1	2.114	2.942	13.6	19.3

330744 2008 SZ_{91} 5 1.2 185°.11 1°.9/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.29	−12 5.4	2.268	3.149	10.2	21.1
4 11	14 49.61	−11 3.3	2.200	3.149	7.0	20.9
4 21	14 42.51	− 9 55.9	2.157	3.148	3.7	20.7
5 1	14 34.65	− 8 47.7	2.144	3.147	2.0	20.6
5 11	14 26.85	− 7 44.0	2.160	3.146	4.8	20.8
5 21	14 19.83	− 6 49.3	2.203	3.144	8.1	21.0
5 31	14 14.22	− 6 7.1	2.272	3.142	11.2	21.2
6 10	14 10.43	− 5 39.3	2.362	3.140	13.8	21.3

184993 2006 MA_7 5 1.2 254°.70 3°.8/28.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.33	− 7 42.8	1.691	2.581	12.5	20.8
4 11	14 52.26	− 6 48.7	1.614	2.565	8.9	20.6
4 21	14 44.10	− 5 51.8	1.561	2.549	5.2	20.3
5 1	14 34.69	− 4 58.0	1.534	2.533	4.0	20.2
5 11	14 25.15	− 4 13.5	1.535	2.516	7.1	20.4
5 21	14 16.55	− 3 43.5	1.561	2.498	11.1	20.5
5 31	14 9.81	− 3 31.2	1.610	2.481	15.0	20.7
6 10	14 5.53	− 3 37.6	1.678	2.463	18.2	20.9

426618 2013 SG_{55} 5 1.2 106°.46 4°.0/ 4.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.30	−29 45.3	1.929	2.765	13.6	20.5
4 11	14 51.31	−29 14.9	1.861	2.774	10.5	20.3
4 21	14 43.47	−28 24.3	1.816	2.782	7.1	20.1
5 1	14 34.69	−27 15.2	1.798	2.791	4.4	20.0
5 11	14 26.05	−25 52.8	1.807	2.799	4.8	20.0
5 21	14 18.53	−24 23.9	1.843	2.807	7.7	20.2
5 31	14 12.89	−22 56.4	1.905	2.816	11.1	20.4
6 10	14 9.59	−21 37.2	1.989	2.823	14.0	20.6

151105 2001 WM_9 5 1.2 139°.75 6°.2/27.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.05	+ 1 31.6	1.874	2.753	12.0	19.6
4 11	14 53.06	+ 2 3.0	1.821	2.759	9.1	19.4
4 21	14 44.33	+ 2 26.3	1.793	2.764	6.7	19.3
5 1	14 34.71	+ 2 36.6	1.793	2.770	6.3	19.3
5 11	14 25.23	+ 2 30.5	1.819	2.774	8.3	19.4
5 21	14 16.78	+ 2 7.0	1.870	2.779	11.2	19.6
5 31	14 10.11	+ 1 26.6	1.945	2.784	14.1	19.8
6 10	14 5.66	+ 0 31.4	2.038	2.788	16.5	20.0

47775 2000 DX_{115} 5 1.2 298°.46 8°.1/ 6.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 0.00	−36 49.0	1.959	2.756	14.9	18.4
4 11	14 53.75	−37 38.2	1.870	2.742	12.5	18.2
4 21	14 45.04	−38 6.6	1.802	2.728	10.1	18.0
5 1	14 34.74	−38 10.4	1.758	2.714	8.4	17.9
5 11	14 24.09	−37 49.4	1.739	2.700	8.3	17.8
5 21	14 14.40	−37 7.2	1.745	2.686	9.9	17.9
5 31	14 6.80	−36 10.7	1.775	2.672	12.4	18.0
6 10	14 2.02	−35 8.5	1.825	2.658	15.1	18.2

457552 2008 YX_{62} 5 1.2 137°.00 1°.1/30.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.80	−14 39.1	1.732	2.611	12.9	22.6
4 11	14 53.70	−13 56.7	1.677	2.624	8.9	22.4
4 21	14 44.69	−13 6.5	1.646	2.637	4.5	22.2
5 1	14 34.73	−12 12.9	1.643	2.649	1.1	22.0
5 11	14 24.95	−11 21.5	1.667	2.661	5.0	22.3
5 21	14 16.38	−10 37.8	1.719	2.672	9.2	22.5
5 31	14 9.79	−10 5.9	1.795	2.681	12.9	22.8
6 10	14 5.63	− 9 48.3	1.891	2.691	15.9	23.0

259847 2004 CC_{61} 5 1.2 75°.98 1°.6/ 2.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.21	−19 15.9	1.510	2.385	14.6	20.4
4 11	14 54.32	−19 24.5	1.455	2.398	10.4	20.2
4 21	14 45.14	−19 21.5	1.423	2.411	5.8	19.9
5 1	14 34.74	−19 8.2	1.417	2.423	1.7	19.7
5 11	14 24.48	−18 48.4	1.438	2.436	4.7	19.9
5 21	14 15.57	−18 27.0	1.484	2.449	9.2	20.2
5 31	14 8.94	−18 9.3	1.554	2.462	13.2	20.5
6 10	14 5.12	−17 59.7	1.643	2.475	16.6	20.7

174544 2003 FL_{26} 5 1.2 55°.55 1°.9/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 54.76	−11 37.3	1.968	2.855	11.2	20.0
4 11	14 49.31	−10 57.4	1.919	2.871	7.7	19.9
4 21	14 42.36	−10 13.8	1.895	2.887	4.0	19.7
5 1	14 34.68	− 9 30.7	1.899	2.903	1.9	19.5
5 11	14 27.16	− 8 52.6	1.930	2.920	4.9	19.8
5 21	14 20.60	− 8 23.3	1.988	2.937	8.4	20.0
5 31	14 15.61	− 8 5.5	2.070	2.953	11.5	20.2
6 10	14 12.59	− 8 0.6	2.172	2.970	14.2	20.5

463504 2013 QL_{58} 5 1.2 278°.82 1°.3/30.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.18	−13 29.1	1.630	2.516	13.1	21.4
4 11	14 52.33	−13 0.2	1.546	2.497	9.2	21.1
4 21	14 44.23	−12 23.6	1.486	2.478	4.8	20.8
5 1	14 34.73	−11 43.3	1.452	2.458	1.4	20.6
5 11	14 25.00	−11 4.4	1.444	2.439	5.5	20.8
5 21	14 16.21	−10 32.3	1.463	2.419	10.2	21.0
5 31	14 9.36	−10 12.0	1.504	2.399	14.4	21.2
6 10	14 5.12	−10 6.3	1.565	2.378	18.1	21.4

462529 2008 YL_{156} 5 1.2 355°.70 6°.2/ 4.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.48	−29 5.5	1.282	2.141	17.7	21.1
4 11	14 53.79	−29 29.4	1.215	2.139	13.9	20.9
4 21	14 45.15	−29 29.3	1.169	2.138	9.7	20.6
5 1	14 34.76	−29 3.4	1.145	2.137	6.5	20.4
5 11	14 24.25	−28 15.2	1.145	2.136	7.1	20.5
5 21	14 15.25	−27 12.4	1.168	2.136	10.7	20.7
5 31	14 9.00	−26 5.2	1.213	2.137	14.9	20.9
6 10	14 6.15	−25 3.7	1.277	2.138	18.8	21.1

297631 2001 TJ_{89} 5 1.2 80°.23 1°.8/ 2.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.19	−21 39.7	1.320	2.198	16.1	20.3
4 11	14 53.76	−21 12.0	1.269	2.212	11.6	20.1
4 21	14 44.88	−20 27.0	1.240	2.227	6.5	19.8
5 1	14 34.75	−19 28.3	1.236	2.241	2.0	19.5
5 11	14 24.88	−18 22.8	1.257	2.256	5.0	19.8
5 21	14 16.57	−17 18.9	1.303	2.270	9.9	20.1
5 31	14 10.77	−16 24.3	1.371	2.285	14.3	20.4
6 10	14 7.94	−15 44.1	1.459	2.299	17.9	20.7

297539 2001 OY_{51} 5 1.2 248°.24 0°.5/30.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.47	−15 38.8	1.706	2.582	13.1	21.9
4 11	14 54.63	−15 12.1	1.616	2.562	9.3	21.6
4 21	14 45.44	−14 35.7	1.551	2.541	4.9	21.3
5 1	14 34.78	−13 52.5	1.512	2.520	0.5	20.9
5 11	14 23.82	−13 7.5	1.502	2.497	5.1	21.2
5 21	14 13.79	−12 26.3	1.518	2.474	9.9	21.4
5 31	14 5.75	−11 54.5	1.558	2.449	14.2	21.6
6 10	14 0.37	−11 36.2	1.618	2.424	17.9	21.8

502020 2015 AZ_{80} 5 1.2 96°.62 2°.1/29.7 17 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.06	−11 27.6	1.808	2.693	12.1	21.6
4 11	14 51.68	−10 45.9	1.759	2.710	8.3	21.4
4 21	14 43.61	−10 0.2	1.736	2.727	4.4	21.2
5 1	14 34.73	− 9 15.1	1.739	2.744	2.1	21.0
5 11	14 26.04	− 8 35.6	1.771	2.760	5.3	21.3
5 21	14 18.47	− 8 5.8	1.829	2.776	9.1	21.5
5 31	14 12.69	− 7 48.7	1.910	2.792	12.5	21.8
6 10	14 9.13	− 7 45.4	2.012	2.807	15.3	22.0

214135 2005 AC_{18} 5 1.3 357°.00 22°.3/21.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 0.93	−58 18.6	1.184	1.892	27.3	18.6
4 11	14 57.32	−60 40.1	1.127	1.886	26.0	18.4
4 21	14 48.15	−62 17.2	1.082	1.881	24.6	18.3
5 1	14 34.84	−62 57.0	1.048	1.878	23.4	18.2
5 11	14 20.67	−62 32.8	1.026	1.877	22.6	18.1
5 21	14 9.33	−61 7.2	1.018	1.878	22.3	18.1
5 31	14 3.48	−58 52.2	1.025	1.880	22.6	18.1
6 10	14 3.90	−56 5.5	1.046	1.885	23.5	18.2

308014 2004 RH_{197} 5 1.3 315°.38 2°.5/29.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 53.74	−14 23.0	1.085	1.994	16.2	20.2
4 11	14 50.05	−13 13.4	1.003	1.965	11.5	19.8
4 21	14 43.39	−11 46.3	0.941	1.936	6.0	19.4
5 1	14 34.74	−10 9.1	0.902	1.908	2.6	19.1
5 11	14 25.63	− 8 33.2	0.885	1.880	7.8	19.3
5 21	14 17.67	− 7 10.9	0.891	1.853	14.0	19.5
5 31	14 12.30	− 6 12.1	0.915	1.828	19.6	19.7
6 10	14 10.36	− 5 42.0	0.953	1.803	24.5	19.9

101831 1999 JO_{40} 5 1.3 77°.41 2°.8/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.28	− 7 36.7	1.670	2.556	12.9	18.6
4 11	14 54.15	− 7 36.7	1.614	2.564	9.0	18.4
4 21	14 44.99	− 7 37.5	1.583	2.572	5.0	18.2
5 1	14 34.78	− 7 42.0	1.578	2.580	2.9	18.0
5 11	14 24.66	− 7 53.1	1.601	2.589	5.9	18.3
5 21	14 15.71	− 8 12.9	1.650	2.597	9.9	18.5
5 31	14 8.78	− 8 42.6	1.723	2.605	13.5	18.7
6 10	14 4.34	− 9 22.3	1.815	2.614	16.6	19.0

271688 2004 RB_{100} 5 1.3 259°.51 3°.4/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.14	− 9 9.0	1.828	2.719	11.6	20.5
4 11	14 49.84	− 7 54.1	1.757	2.710	8.2	20.3
4 21	14 42.78	− 6 34.6	1.711	2.701	4.7	20.0
5 1	14 34.72	− 5 17.0	1.693	2.691	3.6	19.9
5 11	14 26.65	− 4 8.1	1.702	2.682	6.6	20.1
5 21	14 19.47	− 3 13.5	1.737	2.672	10.3	20.3
5 31	14 13.96	− 2 37.1	1.795	2.662	13.8	20.5
6 10	14 10.61	− 2 20.1	1.872	2.653	16.7	20.7

100156 1993 TD_{26} 5 1.3 257°.16 3°.8/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.41	− 9 10.7	1.776	2.667	11.9	20.1
4 11	14 50.09	− 7 39.7	1.703	2.656	8.4	19.9
4 21	14 42.93	− 6 2.9	1.655	2.644	4.9	19.6
5 1	14 34.73	− 4 27.7	1.635	2.632	4.0	19.5
5 11	14 26.49	− 3 2.0	1.642	2.619	7.1	19.7
5 21	14 19.17	− 1 52.4	1.675	2.607	10.9	19.9
5 31	14 13.56	− 1 3.5	1.731	2.594	14.5	20.1
6 10	14 10.17	− 0 36.6	1.806	2.581	17.5	20.3

341304 2007 RF_{324} 5 1.3 203°.47 0°.8/30.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.24	−14 1.6	2.220	3.097	10.5	21.3
4 11	14 50.38	−13 37.3	2.148	3.094	7.3	21.0
4 21	14 42.98	−13 7.4	2.101	3.092	3.7	20.8
5 1	14 34.73	−12 34.9	2.082	3.089	0.8	20.6
5 11	14 26.48	−12 3.3	2.092	3.086	4.1	20.8
5 21	14 19.02	−11 36.3	2.130	3.083	7.6	21.0
5 31	14 13.01	−11 17.2	2.193	3.079	10.9	21.2
6 10	14 8.91	−11 8.0	2.277	3.076	13.6	21.4

414502 2009 SE_{1} 5 1.3 298°.55 0°.8/ 2.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 48.57	−21 51.5	4.188	5.038	6.6	20.4
4 11	14 44.55	−21 9.0	4.104	5.034	4.7	20.3
4 21	14 39.79	−20 19.7	4.048	5.030	2.7	20.1
5 1	14 34.66	−19 25.3	4.021	5.026	0.9	20.0
5 11	14 29.55	−18 28.2	4.025	5.022	2.0	20.1
5 21	14 24.84	−17 31.1	4.059	5.019	4.1	20.2
5 31	14 20.87	−16 36.5	4.122	5.015	6.0	20.4
6 10	14 17.89	−15 46.9	4.209	5.011	7.8	20.5

349310 2007 UB_{54} 5 1.3 118°.38 0°.6/ 1.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.25	−19 17.4	2.206	3.074	10.9	21.1
4 11	14 49.66	−18 43.7	2.140	3.081	7.7	20.9
4 21	14 42.58	−18 0.1	2.099	3.087	4.2	20.7
5 1	14 34.73	−17 9.6	2.087	3.094	0.7	20.5
5 11	14 26.96	−16 16.5	2.103	3.100	3.5	20.7
5 21	14 20.05	−15 25.3	2.146	3.107	7.1	20.9
5 31	14 14.62	−14 40.5	2.216	3.113	10.3	21.2
6 10	14 11.10	−14 5.5	2.307	3.119	13.1	21.3

276510 2003 QX_{89} 5 1.3 260°.33 3°.2/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.37	−26 32.2	2.146	2.988	12.2	20.1
4 11	14 51.46	−26 18.2	2.050	2.970	9.2	19.8
4 21	14 43.68	−25 48.3	1.979	2.951	6.0	19.6
5 1	14 34.76	−25 3.1	1.935	2.932	3.4	19.4
5 11	14 25.68	−24 5.8	1.918	2.913	4.3	19.4
5 21	14 17.40	−23 1.6	1.930	2.893	7.6	19.6
5 31	14 10.75	−21 56.7	1.967	2.872	11.0	19.7
6 10	14 6.30	−20 57.2	2.026	2.852	14.1	19.9

403236 2008 UU_{353} 5 1.3 64°.04 2°.5/30.0 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 0.91	−10 46.2	1.251	2.148	15.4	21.0
4 11	14 54.31	−10 25.2	1.203	2.158	10.7	20.7
4 21	14 45.21	−10 0.5	1.176	2.169	5.7	20.5
5 1	14 34.80	− 9 36.8	1.175	2.180	2.5	20.3
5 11	14 24.60	− 9 19.6	1.198	2.191	6.6	20.6
5 21	14 15.92	− 9 13.3	1.245	2.202	11.5	20.9
5 31	14 9.77	− 9 20.9	1.313	2.213	15.8	21.2
6 10	14 6.63	− 9 43.1	1.400	2.224	19.3	21.4

233536 2007 HT_{79} 5 1.3 147°.77 0°.7/30.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.75	−15 10.9	1.923	2.802	11.7	21.1
4 11	14 50.87	−14 33.4	1.858	2.806	8.2	20.9
4 21	14 43.27	−13 48.4	1.818	2.809	4.2	20.6
5 1	14 34.77	−12 59.4	1.805	2.812	0.8	20.4
5 11	14 26.32	−12 11.5	1.821	2.815	4.4	20.6
5 21	14 18.83	−11 29.4	1.863	2.818	8.4	20.9
5 31	14 13.03	−10 57.2	1.930	2.821	11.9	21.1
6 10	14 9.38	−10 37.6	2.018	2.823	14.9	21.3

285980 2001 RB_{140} 5 1.3 192°.44 2°.9/ 3.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.68	−25 21.5	2.671	3.506	10.3	21.6
4 11	14 52.02	−25 37.3	2.589	3.505	7.8	21.4
4 21	14 43.84	−25 42.4	2.533	3.503	5.1	21.3
5 1	14 34.78	−25 36.6	2.505	3.500	3.0	21.1
5 11	14 25.66	−25 21.6	2.506	3.497	3.8	21.2
5 21	14 17.22	−25 0.2	2.536	3.494	6.3	21.3
5 31	14 10.15	−24 36.0	2.593	3.490	9.0	21.5
6 10	14 4.91	−24 13.1	2.674	3.486	11.5	21.7

336355 2008 TR_{175} 5 1.3 204°.45 1°.1/ 2.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.16	−19 50.7	2.108	2.973	11.5	21.5
4 11	14 51.15	−19 32.7	2.032	2.970	8.2	21.3
4 21	14 43.44	−19 4.3	1.981	2.967	4.6	21.0
5 1	14 34.78	−18 27.5	1.958	2.964	1.2	20.8
5 11	14 26.10	−17 46.0	1.963	2.961	3.7	21.0
5 21	14 18.28	−17 4.4	1.996	2.957	7.5	21.2
5 31	14 12.05	−16 27.2	2.054	2.953	10.9	21.4
6 10	14 7.91	−15 58.4	2.134	2.948	13.9	21.6

459533 2013 FW_{19} 5 1.3 343°.23 6°.2/27.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 50.22	− 7 49.3	0.943	1.867	16.5	20.1
4 11	14 47.50	− 6 16.3	0.884	1.852	11.8	19.8
4 21	14 41.97	− 4 36.9	0.846	1.838	7.3	19.5
5 1	14 34.74	− 3 3.4	0.829	1.826	6.6	19.4
5 11	14 27.41	− 1 49.2	0.832	1.816	10.7	19.6
5 21	14 21.49	− 1 3.7	0.855	1.808	15.9	19.8
5 31	14 18.17	− 0 51.4	0.896	1.801	20.7	20.1
6 10	14 18.12	− 1 11.3	0.949	1.797	24.7	20.3

198616 Lucabracali 5 1.3 234°.34 3°.8/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.06	− 6 0.3	1.981	2.868	11.0	20.0
4 11	14 50.36	− 5 14.3	1.915	2.864	7.8	19.8
4 21	14 43.01	− 4 28.6	1.874	2.860	4.8	19.6
5 1	14 34.78	− 3 47.9	1.861	2.856	4.0	19.5
5 11	14 26.55	− 3 16.9	1.875	2.852	6.4	19.6
5 21	14 19.18	− 2 59.1	1.916	2.847	9.7	19.8
5 31	14 13.37	− 2 56.4	1.980	2.843	12.9	20.0
6 10	14 9.60	− 3 9.1	2.063	2.838	15.6	20.2

10304 Iwaki 5 1.3 131°.85 1°.8/ 2.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.04	−21 3.3	2.235	3.087	11.4	18.3
4 11	14 54.36	−21 9.8	2.174	3.104	8.3	18.1
4 21	14 45.02	−21 6.1	2.139	3.120	4.8	17.9
5 1	14 34.83	−20 53.3	2.132	3.136	1.9	17.8
5 11	14 24.74	−20 33.8	2.155	3.151	3.7	17.9
5 21	14 15.64	−20 11.3	2.206	3.165	7.0	18.1
5 31	14 8.23	−19 49.8	2.284	3.179	10.2	18.4
6 10	14 2.96	−19 33.0	2.385	3.191	12.8	18.6

329696 2003 UY_{244} 5 1.3 125°.16 2°.5/29.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.09	−10 50.3	1.677	2.564	12.7	20.8
4 11	14 52.58	−10 2.7	1.623	2.575	8.8	20.6
4 21	14 44.17	− 9 11.0	1.594	2.585	4.7	20.4
5 1	14 34.81	− 8 20.4	1.592	2.595	2.6	20.3
5 11	14 25.61	− 7 36.5	1.617	2.605	5.9	20.5
5 21	14 17.57	− 7 4.2	1.668	2.614	9.9	20.7
5 31	14 11.48	− 6 46.4	1.742	2.623	13.5	21.0
6 10	14 7.77	− 6 44.4	1.836	2.631	16.5	21.2

117483 2005 CZ_{3} 5 1.3 344°.29 1°.2/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.27	−13 32.5	1.194	2.095	15.7	18.9
4 11	14 52.13	−13 20.8	1.130	2.088	11.0	18.7
4 21	14 44.28	−13 1.5	1.088	2.082	5.7	18.3
5 1	14 34.82	−12 38.7	1.069	2.076	1.2	18.0
5 11	14 25.25	−12 17.9	1.074	2.071	6.1	18.3
5 21	14 17.03	−12 4.6	1.102	2.067	11.5	18.6
5 31	14 11.32	−12 3.6	1.150	2.064	16.4	18.9
6 10	14 8.76	−12 17.2	1.216	2.062	20.4	19.1

258776 2002 JL_{72} 5 1.3 356°.23 6°.0/27.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 56.11	− 4 44.0	1.185	2.092	15.2	19.7
4 11	14 51.14	− 3 43.6	1.132	2.090	11.0	19.5
4 21	14 43.66	− 2 45.1	1.100	2.087	7.1	19.2
5 1	14 34.81	− 1 57.3	1.092	2.086	6.3	19.2
5 11	14 26.01	− 1 28.0	1.107	2.085	9.5	19.3
5 21	14 18.58	− 1 21.5	1.144	2.085	13.8	19.6
5 31	14 13.53	− 1 39.2	1.201	2.086	17.9	19.8
6 10	14 11.43	− 2 19.2	1.273	2.088	21.4	20.1

176507 2001 YL_{34} 5 1.3 154°.24 3°.2/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.08	− 4 50.5	2.570	3.448	9.2	20.9
4 11	14 50.03	− 4 25.3	2.509	3.453	6.5	20.7
4 21	14 42.74	− 4 1.8	2.475	3.458	4.0	20.5
5 1	14 34.80	− 3 43.1	2.469	3.463	3.3	20.5
5 11	14 26.92	− 3 32.0	2.493	3.467	5.2	20.6
5 21	14 19.74	− 3 30.4	2.545	3.471	7.9	20.8
5 31	14 13.82	− 3 39.5	2.621	3.475	10.4	21.0
6 10	14 9.52	− 3 59.4	2.719	3.478	12.6	21.1

60153 1999 UV_{13} 5 1.3 308°.00 1°.6/ 2.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 54.35	−21 40.8	2.084	2.949	11.6	18.3
4 11	14 49.31	−21 22.6	1.999	2.935	8.4	18.0
4 21	14 42.56	−20 52.3	1.937	2.922	4.9	17.8
5 1	14 34.79	−20 11.6	1.903	2.908	1.8	17.5
5 11	14 26.93	−19 24.3	1.896	2.894	3.8	17.6
5 21	14 19.83	−18 35.1	1.916	2.881	7.5	17.8
5 31	14 14.29	−17 49.3	1.962	2.868	11.0	18.0
6 10	14 10.80	−17 11.3	2.028	2.855	14.1	18.2

471151 2010 FD_{49} 5 1.3 3°.69 0°.2/29.6 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 37.38	−10 2.7	31.209	32.086	0.9	21.3
4 11	14 36.52	− 9 58.6	31.140	32.088	0.6	21.3
4 21	14 35.59	− 9 54.4	31.099	32.090	0.3	21.3
5 1	14 34.62	− 9 50.2	31.088	32.091	0.2	21.2
5 11	14 33.66	− 9 46.4	31.106	32.093	0.4	21.3
5 21	14 32.72	− 9 43.0	31.153	32.095	0.7	21.3
5 31	14 31.86	− 9 40.2	31.227	32.097	0.9	21.4
6 10	14 31.11	− 9 38.2	31.326	32.099	1.2	21.4

213419 2001 XK_{38} 5 1.3 248°.04 0°.6/ 1.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.66	−17 23.0	2.494	3.358	10.0	20.6
4 11	14 51.40	−17 25.3	2.405	3.344	7.1	20.3
4 21	14 43.58	−17 21.2	2.342	3.330	3.8	20.1
5 1	14 34.83	−17 11.7	2.308	3.315	0.7	19.8
5 11	14 25.95	−16 59.2	2.303	3.300	3.4	20.0
5 21	14 17.71	−16 46.2	2.327	3.285	6.8	20.2
5 31	14 10.79	−16 35.9	2.378	3.270	9.9	20.4
6 10	14 5.70	−16 31.1	2.451	3.254	12.6	20.6

470354 2007 RF_{289} 5 1.3 270°.53 0°.5/30.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.61	−15 34.3	2.146	3.021	10.9	22.0
4 11	14 50.87	−15 3.8	2.052	2.998	7.7	21.8
4 21	14 43.39	−14 25.2	1.983	2.974	4.0	21.5
5 1	14 34.83	−13 41.3	1.942	2.950	0.5	21.2
5 11	14 26.08	−12 56.4	1.930	2.925	4.2	21.4
5 21	14 18.03	−12 14.9	1.945	2.900	8.1	21.6
5 31	14 11.45	−11 41.2	1.986	2.875	11.7	21.8
6 10	14 6.91	−11 18.6	2.047	2.849	14.8	22.0

177094 2003 FA_{82} 5 1.3 321°.95 5°.2/27.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 54.41	− 2 17.6	1.861	2.753	11.4	19.3
4 11	14 49.39	− 1 34.9	1.788	2.736	8.4	19.0
4 21	14 42.61	− 0 55.6	1.738	2.719	5.8	18.8
5 1	14 34.81	− 0 25.1	1.715	2.702	5.4	18.8
5 11	14 26.91	− 0 8.3	1.719	2.686	7.7	18.9
5 21	14 19.81	− 0 8.1	1.747	2.671	11.0	19.0
5 31	14 14.30	− 0 25.8	1.797	2.656	14.2	19.2
6 10	14 10.90	− 1 0.8	1.866	2.642	17.0	19.4

360365 2002 AT_{97} 5 1.3 87°.52 5°.5/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.25	−29 46.4	1.454	2.298	16.8	20.8
4 11	14 55.91	−29 54.3	1.404	2.319	13.0	20.6
4 21	14 46.04	−29 38.5	1.375	2.340	9.0	20.4
5 1	14 34.90	−28 59.3	1.370	2.360	5.9	20.3
5 11	14 24.04	−28 1.3	1.390	2.380	6.3	20.4
5 21	14 14.83	−26 52.6	1.436	2.400	9.6	20.6
5 31	14 8.23	−25 42.7	1.506	2.420	13.2	20.9
6 10	14 4.71	−24 39.9	1.596	2.438	16.5	21.1

417767 2007 DX_{96} 5 1.3 357°.15 2°.7/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 47.73	− 3 14.9	4.030	4.911	6.1	21.1
4 11	14 43.98	− 2 28.2	3.968	4.911	4.4	20.9
4 21	14 39.54	− 1 43.0	3.933	4.911	3.0	20.8
5 1	14 34.74	− 1 1.7	3.927	4.911	2.9	20.8
5 11	14 29.95	− 0 26.7	3.951	4.910	4.1	20.9
5 21	14 25.54	+ 0 0.3	4.002	4.910	5.8	21.0
5 31	14 21.82	+ 0 18.2	4.079	4.910	7.4	21.1
6 10	14 19.04	+ 0 26.4	4.178	4.910	8.9	21.3

470437 2007 WG_{13} 5 1.3 249°.71 4°.5/27.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 56.66	− 2 13.4	2.189	3.071	10.4	21.5
4 11	14 50.70	− 1 39.5	2.119	3.063	7.6	21.3
4 21	14 43.20	− 1 9.2	2.075	3.053	5.2	21.1
5 1	14 34.84	− 0 46.7	2.058	3.044	4.7	21.1
5 11	14 26.45	− 0 35.5	2.069	3.035	6.7	21.2
5 21	14 18.81	− 0 38.1	2.106	3.025	9.6	21.4
5 31	14 12.61	− 0 55.2	2.167	3.016	12.5	21.5
6 10	14 8.31	− 1 26.5	2.248	3.006	14.9	21.7

503004 2015 FV_{101} 5 1.3 168°.27 3°.2/ 4.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.81	−26 51.4	2.223	3.063	11.9	21.2
4 11	14 51.58	−26 40.0	2.148	3.066	9.0	21.0
4 21	14 43.67	−26 13.7	2.098	3.068	5.9	20.8
5 1	14 34.85	−25 33.4	2.074	3.070	3.4	20.7
5 11	14 26.05	−24 42.3	2.079	3.072	4.2	20.7
5 21	14 18.15	−23 45.3	2.112	3.074	7.1	20.9
5 31	14 11.88	−22 48.1	2.170	3.075	10.2	21.1
6 10	14 7.71	−21 56.1	2.252	3.076	12.9	21.3

27902 1996 RA_{5} 5 1.3 171°.51 3°.5/ 4.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.35	−28 12.7	2.584	3.411	10.8	19.6
4 11	14 51.12	−28 14.5	2.506	3.414	8.3	19.4
4 21	14 43.40	−28 2.8	2.453	3.416	5.7	19.3
5 1	14 34.85	−27 38.1	2.427	3.418	3.7	19.1
5 11	14 26.29	−27 2.4	2.431	3.419	4.1	19.2
5 21	14 18.50	−26 19.5	2.462	3.420	6.4	19.3
5 31	14 12.13	−25 34.1	2.520	3.421	9.1	19.5
6 10	14 7.63	−24 50.7	2.602	3.421	11.5	19.7

489311 2006 SL_{327} 5 1.3 145°.11 0°.9/30.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 54.93	−13 21.3	2.626	3.500	9.2	22.3
4 11	14 49.25	−12 51.4	2.562	3.508	6.3	22.2
4 21	14 42.35	−12 17.3	2.525	3.515	3.2	22.0
5 1	14 34.82	−11 41.7	2.516	3.522	1.0	21.8
5 11	14 27.35	−11 7.8	2.537	3.529	3.6	22.0
5 21	14 20.58	−10 38.8	2.586	3.535	6.7	22.2
5 31	14 15.04	−10 17.1	2.662	3.541	9.4	22.4
6 10	14 11.10	−10 4.7	2.759	3.547	11.8	22.6

155701 2000 QS_{67} 5 1.3 258°.41 2°.6/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.64	−22 8.8	1.938	2.795	12.7	20.4
4 11	14 53.95	−22 26.1	1.849	2.780	9.4	20.2
4 21	14 45.11	−22 32.0	1.784	2.764	5.7	19.9
5 1	14 34.90	−22 26.3	1.746	2.748	2.7	19.7
5 11	14 24.44	−22 11.0	1.736	2.732	4.4	19.8
5 21	14 14.81	−21 49.7	1.754	2.716	8.3	20.0
5 31	14 7.00	−21 27.6	1.796	2.699	12.0	20.2
6 10	14 1.65	−21 9.5	1.859	2.682	15.3	20.3

333605 2007 HX_{81} 5 1.3 353°.62 4°.3/28.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.49	− 5 10.6	1.663	2.555	12.5	20.9
4 11	14 51.59	− 4 36.8	1.603	2.554	9.0	20.7
4 21	14 43.76	− 4 4.9	1.567	2.553	5.5	20.5
5 1	14 34.87	− 3 40.0	1.557	2.552	4.5	20.4
5 11	14 26.02	− 3 26.7	1.573	2.552	7.2	20.5
5 21	14 18.20	− 3 28.0	1.615	2.552	10.8	20.8
5 31	14 12.26	− 3 45.2	1.679	2.551	14.3	21.0
6 10	14 8.69	− 4 17.9	1.761	2.552	17.3	21.2

183079 2002 RK_{49} 5 1.3 214°.51 1°.9/29.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.75	−11 31.0	1.996	2.876	11.4	21.2
4 11	14 52.32	−10 51.8	1.920	2.868	7.9	21.0
4 21	14 44.11	−10 7.7	1.870	2.860	4.2	20.7
5 1	14 34.88	− 9 22.7	1.847	2.852	2.0	20.5
5 11	14 25.61	− 8 41.7	1.854	2.843	5.1	20.7
5 21	14 17.20	− 8 8.8	1.887	2.833	9.0	20.9
5 31	14 10.44	− 7 47.6	1.945	2.822	12.5	21.1
6 10	14 5.83	− 7 40.1	2.024	2.811	15.4	21.3

521057 2015 DK_{237} 5 1.3 9°.00 1°.6/30.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.77	−12 22.0	1.757	2.644	12.3	21.5
4 11	14 51.05	−11 55.8	1.693	2.645	8.5	21.2
4 21	14 43.47	−11 24.5	1.653	2.645	4.4	21.0
5 1	14 34.86	−10 52.0	1.640	2.646	1.6	20.8
5 11	14 26.28	−10 22.9	1.653	2.646	5.1	21.0
5 21	14 18.69	−10 1.3	1.693	2.647	9.2	21.3
5 31	14 12.90	− 9 50.6	1.757	2.648	12.9	21.5
6 10	14 9.40	− 9 52.5	1.840	2.649	16.0	21.7

217958 2001 UW_{140} 5 1.3 90°.48 0°.4/ 1.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.16	−16 1.4	1.700	2.581	12.9	20.7
4 11	14 52.00	−15 32.7	1.644	2.592	9.0	20.5
4 21	14 43.93	−14 55.3	1.612	2.603	4.6	20.2
5 1	14 34.88	−14 12.9	1.606	2.613	0.4	19.9
5 11	14 25.97	−13 30.6	1.628	2.624	4.6	20.3
5 21	14 18.20	−12 53.5	1.676	2.635	8.8	20.5
5 31	14 12.35	−12 26.0	1.748	2.645	12.6	20.8
6 10	14 8.89	−12 10.9	1.840	2.656	15.7	21.0

310471 2000 SS_{102} 5 1.3 228.°25 0.°2/ 1.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 59.51	−16 58.0	1.767	2.642	12.8	21.4
4 11	14 53.12	−16 19.5	1.687	2.632	9.0	21.1
4 21	14 44.63	−15 30.0	1.631	2.621	4.7	20.9
5 1	14 34.92	−14 32.9	1.602	2.609	0.2	20.5
5 11	14 25.10	−13 33.9	1.601	2.597	4.7	20.8
5 21	14 16.26	−12 39.0	1.627	2.584	9.2	21.0
5 31	14 9.32	−11 54.0	1.677	2.570	13.3	21.2
6 10	14 4.85	−11 22.8	1.747	2.556	16.7	21.4

344581 Albisetti 5 1.3 58.°22 4.°1/28.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.67	− 4 57.9	1.915	2.805	11.3	20.4
4 11	14 49.96	− 4 11.7	1.875	2.825	8.0	20.3
4 21	14 42.75	− 3 28.0	1.860	2.845	5.0	20.1
5 1	14 34.86	− 2 51.5	1.872	2.865	4.3	20.1
5 11	14 27.18	− 2 26.4	1.911	2.885	6.5	20.3
5 21	14 20.49	− 2 15.3	1.976	2.906	9.6	20.5
5 31	14 15.42	− 2 19.2	2.065	2.926	12.5	20.7
6 10	14 12.32	− 2 37.6	2.172	2.947	14.9	21.0

141838 2002 OE_{17} 5 1.3 299.°90 0.°1/ 1.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.08	−18 26.9	1.414	2.302	14.6	20.0
4 11	14 51.18	−17 39.8	1.331	2.282	10.4	19.7
4 21	14 43.81	−16 36.5	1.270	2.262	5.6	19.3
5 1	14 34.90	−15 21.2	1.234	2.242	0.2	18.9
5 11	14 25.75	−14 1.4	1.224	2.222	5.3	19.2
5 21	14 17.67	−12 45.8	1.238	2.203	10.7	19.5
5 31	14 11.78	−11 42.9	1.275	2.184	15.5	19.7
6 10	14 8.76	−10 58.1	1.329	2.165	19.6	19.9

108938 2001 PP_{25} 5 1.3 157.°26 6.°9/25.4 17 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.81	+ 3 40.1	2.058	2.934	11.2	19.9
4 11	14 51.44	+ 4 47.6	2.010	2.940	8.8	19.8
4 21	14 43.54	+ 5 46.5	1.987	2.946	7.1	19.7
5 1	14 34.89	+ 6 31.0	1.992	2.952	7.2	19.7
5 11	14 26.35	+ 6 56.7	2.023	2.957	9.0	19.8
5 21	14 18.75	+ 7 1.6	2.079	2.961	11.5	20.0
5 31	14 12.71	+ 6 46.1	2.157	2.965	13.9	20.1
6 10	14 8.66	+ 6 12.3	2.253	2.968	16.0	20.3

519526 2012 HG_{87} 5 1.3 63.°24 0.°6/30.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.86	−16 49.8	1.512	2.399	13.9	21.5
4 11	14 51.23	−15 57.8	1.460	2.411	9.7	21.3
4 21	14 43.56	−14 54.7	1.431	2.423	5.0	21.0
5 1	14 34.88	−13 45.8	1.427	2.435	0.6	20.7
5 11	14 26.40	−12 38.3	1.450	2.447	5.0	21.1
5 21	14 19.16	−11 39.0	1.499	2.459	9.6	21.4
5 31	14 14.00	−10 53.4	1.571	2.471	13.6	21.6
6 10	14 11.34	−10 24.4	1.662	2.484	16.9	21.9

434449 2005 OD_{29} 5 1.3 255.°88 3.°4/27.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 54.82	− 4 38.4	2.729	3.608	8.7	22.1
4 11	14 49.27	− 3 54.7	2.642	3.586	6.3	21.9
4 21	14 42.44	− 3 11.5	2.582	3.564	4.0	21.7
5 1	14 34.86	− 2 32.4	2.551	3.541	3.5	21.6
5 11	14 27.19	− 2 1.0	2.549	3.518	5.5	21.7
5 21	14 20.04	− 1 40.0	2.575	3.494	8.1	21.8
5 31	14 14.01	− 1 31.3	2.626	3.470	10.7	22.0
6 10	14 9.52	− 1 35.5	2.698	3.445	12.9	22.1

310224 2011 SZ_{218} 5 1.3 242.°59 4.°6/28.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.00	− 5 45.4	1.604	2.492	13.2	20.9
4 11	14 54.29	− 4 57.9	1.528	2.478	9.5	20.6
4 21	14 45.31	− 4 10.1	1.477	2.463	5.8	20.4
5 1	14 34.95	− 3 28.0	1.452	2.447	4.8	20.3
5 11	14 24.43	− 2 57.7	1.453	2.431	7.8	20.4
5 21	14 14.92	− 2 43.7	1.480	2.414	11.9	20.6
5 31	14 7.43	− 2 48.4	1.529	2.396	15.8	20.8
6 10	14 2.59	− 3 11.9	1.596	2.378	19.1	21.0

459054 2012 BS_{8} 5 1.3 70.°86 4.°5/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.70	− 5 20.6	1.406	2.298	14.4	20.6
4 11	14 54.50	− 4 51.0	1.370	2.321	10.1	20.4
4 21	14 45.20	− 4 24.5	1.357	2.344	6.1	20.2
5 1	14 34.94	− 4 6.4	1.369	2.366	4.6	20.2
5 11	14 25.06	− 4 1.1	1.408	2.389	7.5	20.4
5 21	14 16.66	− 4 10.7	1.471	2.411	11.4	20.7
5 31	14 10.55	− 4 35.7	1.556	2.433	15.0	20.9
6 10	14 7.12	− 5 15.0	1.660	2.455	18.0	21.2

170099 2002 XV_{62} 5 1.3 100.°99 1.°1/30.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.64	−12 9.0	2.122	3.001	10.8	19.6
4 11	14 51.42	−12 2.4	2.057	3.005	7.5	19.4
4 21	14 43.59	−11 52.5	2.018	3.009	3.9	19.2
5 1	14 34.91	−11 41.6	2.007	3.013	1.1	19.0
5 11	14 26.25	−11 32.7	2.024	3.017	4.2	19.2
5 21	14 18.45	−11 28.3	2.068	3.021	7.8	19.4
5 31	14 12.19	−11 31.0	2.138	3.025	11.1	19.6
6 10	14 7.93	−11 42.3	2.229	3.029	13.8	19.8

297261 1995 SB_{80} 5 1.3 144.°06 3.°4/ 4.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 57.55	−26 16.8	2.259	3.100	11.7	21.4
4 11	14 51.46	−26 27.9	2.184	3.102	8.9	21.3
4 21	14 43.66	−26 25.7	2.134	3.104	5.9	21.1
5 1	14 34.91	−26 10.4	2.110	3.105	3.6	20.9
5 11	14 26.13	−25 44.2	2.115	3.107	4.3	21.0
5 21	14 18.18	−25 10.9	2.147	3.108	7.0	21.1
5 31	14 11.82	−24 35.3	2.205	3.109	10.0	21.3
6 10	14 7.53	−24 2.2	2.285	3.111	12.7	21.5

269286 2008 SA_{1} 5 1.3 267.°94 2.°8/29.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.20	− 9 22.3	1.974	2.859	11.2	20.8
4 11	14 51.37	− 8 38.2	1.887	2.837	7.9	20.5
4 21	14 43.70	− 7 50.3	1.825	2.815	4.4	20.2
5 1	14 34.91	− 7 3.2	1.791	2.792	2.9	20.1
5 11	14 25.94	− 6 21.8	1.784	2.769	5.8	20.2
5 21	14 17.72	− 5 50.7	1.805	2.745	9.6	20.4
5 31	14 11.08	− 5 33.4	1.849	2.722	13.2	20.6
6 10	14 6.59	− 5 31.4	1.913	2.697	16.3	20.7

437963 2002 XP_{41} 5 1.3 140.°90 3.°1/ 4.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.55	−28 29.0	2.647	3.473	10.6	21.4
4 11	14 50.47	−28 7.4	2.575	3.484	8.1	21.2
4 21	14 43.02	−27 31.8	2.529	3.494	5.4	21.1
5 1	14 34.89	−26 43.4	2.511	3.504	3.3	20.9
5 11	14 26.86	−25 45.4	2.522	3.513	3.7	21.0
5 21	14 19.63	−24 42.2	2.562	3.522	6.1	21.2
5 31	14 13.79	−23 38.6	2.629	3.531	8.7	21.3
6 10	14 9.74	−22 39.5	2.720	3.539	11.1	21.5

489669 2007 UG_{129} 5 1.3 148.°15 0.°8/30.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.47	−13 37.1	2.717	3.588	9.0	22.4
4 11	14 49.60	−13 9.4	2.652	3.597	6.2	22.3
4 21	14 42.55	−12 37.4	2.615	3.606	3.2	22.1
5 1	14 34.88	−12 3.7	2.607	3.614	0.8	21.9
5 11	14 27.28	−11 31.5	2.629	3.621	3.5	22.1
5 21	14 20.37	−11 3.5	2.679	3.629	6.5	22.3
5 31	14 14.66	−10 42.4	2.756	3.635	9.2	22.5
6 10	14 10.52	−10 30.0	2.856	3.642	11.4	22.7

199135 2005 YE_{107} 5 1.3 47.°42 0.°6/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.23	−18 14.6	1.132	2.027	16.9	20.2
4 11	14 53.40	−17 52.2	1.086	2.039	12.0	19.9
4 21	14 44.87	−17 15.4	1.060	2.052	6.4	19.7
5 1	14 34.96	−16 28.5	1.058	2.065	0.7	19.3
5 11	14 25.28	−15 38.9	1.080	2.079	5.5	19.7
5 21	14 17.28	−14 54.3	1.124	2.093	10.9	20.0
5 31	14 11.99	−14 21.4	1.190	2.108	15.6	20.4
6 10	14 9.86	−14 4.2	1.274	2.123	19.5	20.6

503449 2016 EQ_{113} 5 1.3 286.°67 4.°7/28.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.43	− 6 44.1	1.452	2.349	13.7	20.9
4 11	14 51.83	− 5 42.6	1.389	2.343	9.7	20.6
4 21	14 44.01	− 4 39.8	1.349	2.337	5.9	20.4
5 1	14 34.94	− 3 42.9	1.335	2.331	4.9	20.3
5 11	14 25.85	− 2 58.9	1.346	2.325	8.0	20.4
5 21	14 17.91	− 2 33.1	1.381	2.319	12.2	20.7
5 31	14 12.05	− 2 28.3	1.437	2.313	16.1	20.9
6 10	14 8.83	− 2 44.1	1.510	2.307	19.4	21.1

100784 1998 FM_{61} 5 1.3 331.°50 3.°1/ 2.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.52	−20 58.5	1.122	2.015	17.2	18.4
4 11	14 52.11	−21 24.3	1.046	1.995	12.7	18.1
4 21	14 44.58	−21 35.2	0.990	1.977	7.7	17.7
5 1	14 34.97	−21 30.5	0.956	1.960	3.3	17.4
5 11	14 24.90	−21 13.2	0.944	1.944	6.0	17.5
5 21	14 16.09	−20 49.3	0.955	1.930	11.5	17.7
5 31	14 10.03	−20 26.7	0.986	1.916	16.8	18.0
6 10	14 7.58	−20 12.4	1.033	1.905	21.4	18.2

272729 2005 YW_{79} 5 1.3 132.°49 1.°6/30.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.12	−12 4.2	2.043	2.922	11.2	21.5
4 11	14 51.73	−11 33.3	1.984	2.932	7.7	21.3
4 21	14 43.74	−10 58.2	1.952	2.942	4.0	21.1
5 1	14 34.94	−10 22.4	1.947	2.952	1.6	20.9
5 11	14 26.25	− 9 50.1	1.970	2.961	4.6	21.1
5 21	14 18.50	− 9 25.1	2.021	2.970	8.3	21.4
5 31	14 12.37	− 9 10.0	2.097	2.978	11.5	21.6
6 10	14 8.29	− 9 6.7	2.194	2.986	14.2	21.8

496301 2013 CZ_{212} 5 1.3 359.°14 3.°8/ 3.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.81	−23 18.2	1.086	1.974	18.0	20.8
4 11	14 52.86	−23 32.2	1.026	1.971	13.4	20.5
4 21	14 44.84	−23 26.0	0.985	1.969	8.3	20.2
5 1	14 34.97	−23 0.1	0.966	1.969	4.1	20.0
5 11	14 25.02	−22 19.2	0.970	1.969	6.1	20.1
5 21	14 16.65	−21 31.5	0.996	1.970	11.2	20.4
5 31	14 11.16	−20 46.5	1.042	1.972	16.2	20.6
6 10	14 9.21	−20 11.9	1.105	1.975	20.4	20.9

232791 2004 RG_{75} 5 1.3 147°.08 3°.7/27.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 56.16	− 4 26.7	2.569	3.447	9.2	21.9
4 11	14 50.07	− 3 22.8	2.516	3.460	6.6	21.8
4 21	14 42.78	− 2 20.2	2.491	3.472	4.3	21.7
5 1	14 34.92	− 1 23.6	2.496	3.483	3.9	21.7
5 11	14 27.17	− 0 36.8	2.529	3.493	5.8	21.8
5 21	14 20.17	− 0 2.8	2.591	3.503	8.3	22.0
5 31	14 14.43	+ 0 16.9	2.677	3.512	10.8	22.1
6 10	14 10.31	+ 0 22.1	2.784	3.521	12.8	22.3

8899 Hughmiller 5 1.3 206°.44 4°.1/27.6 18

4 1	14 57.73	− 2 25.8	2.509	3.385	9.5	18.9
4 11	14 51.30	− 1 46.9	2.438	3.379	6.9	18.7
4 21	14 43.50	− 1 10.8	2.394	3.371	4.7	18.5
5 1	14 34.94	− 0 41.2	2.378	3.364	4.3	18.5
5 11	14 26.37	− 0 21.8	2.392	3.355	6.1	18.6
5 21	14 18.48	− 0 14.7	2.433	3.346	8.8	18.7
5 31	14 11.89	− 0 21.0	2.499	3.336	11.4	18.9
6 10	14 7.01	− 0 40.6	2.585	3.325	13.6	19.1

72038 2000 XM_{48} 5 1.3 222°.04 2°.6/ 2.8 17

4 1	15 2.80	−21 41.6	1.690	2.552	14.0	20.0
4 11	14 55.65	−22 1.0	1.612	2.546	10.3	19.7
4 21	14 46.07	−22 8.0	1.558	2.540	6.2	19.5
5 1	14 35.02	−22 2.4	1.530	2.533	2.8	19.2
5 11	14 23.77	−21 46.4	1.529	2.526	4.8	19.3
5 21	14 13.60	−21 24.4	1.555	2.518	9.0	19.6
5 31	14 5.57	−21 2.2	1.605	2.510	13.1	19.8
6 10	14 0.34	−20 45.2	1.676	2.502	16.6	20.0

352596 2008 EW_{48} 5 1.3 146°.18 2°.4/ 3.9 17

4 1	14 56.87	−25 37.7	3.058	3.890	9.2	23.2
4 11	14 50.56	−25 33.5	2.987	3.901	6.9	23.0
4 21	14 43.05	−25 19.1	2.943	3.913	4.4	22.9
5 1	14 34.93	−24 55.2	2.927	3.924	2.5	22.8
5 11	14 26.85	−24 23.9	2.941	3.934	3.2	22.8
5 21	14 19.45	−23 48.4	2.985	3.944	5.4	23.0
5 31	14 13.23	−23 12.0	3.057	3.953	7.8	23.2
6 10	14 8.59	−22 38.1	3.152	3.961	10.0	23.3

506298 2017 ME_{8} 5 1.3 266°.11 1°.8/30.1 17

4 1	15 0.33	−12 20.3	1.771	2.652	12.5	22.2
4 11	14 53.87	−11 44.3	1.676	2.625	8.8	21.9
4 21	14 45.16	−11 1.1	1.606	2.597	4.7	21.6
5 1	14 34.99	−10 14.8	1.563	2.569	1.9	21.3
5 11	14 24.49	− 9 30.8	1.548	2.539	5.6	21.5
5 21	14 14.79	− 8 54.3	1.560	2.509	10.2	21.7
5 31	14 6.90	− 8 30.2	1.595	2.478	14.4	21.9
6 10	14 1.54	− 8 21.5	1.650	2.446	18.0	22.1

399082 2014 DZ_{13} 5 1.3 55°.93 5°.6/27.3 17

4 1	14 56.50	+ 0 20.2	1.973	2.857	11.3	20.2
4 11	14 50.55	+ 0 56.3	1.930	2.871	8.4	20.0
4 21	14 43.10	+ 1 25.6	1.912	2.885	6.1	19.9
5 1	14 34.93	+ 1 43.4	1.920	2.899	5.8	19.9
5 11	14 26.93	+ 1 46.5	1.955	2.914	7.7	20.0
5 21	14 19.89	+ 1 33.6	2.016	2.928	10.3	20.2
5 31	14 14.45	+ 1 4.7	2.099	2.943	13.0	20.4
6 10	14 10.98	+ 0 21.6	2.202	2.958	15.3	20.6

54662 2000 UY_{80} 5 1.3 43°.20 2°.2/ 2.7 18

4 1	14 58.26	−22 12.1	1.290	2.171	16.2	18.6
4 11	14 52.63	−21 52.3	1.235	2.179	11.8	18.4
4 21	14 44.47	−21 14.3	1.201	2.187	6.8	18.1
5 1	14 34.97	−20 21.2	1.190	2.195	2.4	17.9
5 11	14 25.60	−19 19.6	1.205	2.204	5.1	18.0
5 21	14 17.70	−18 17.7	1.244	2.214	10.0	18.3
5 31	14 12.29	−17 23.6	1.305	2.223	14.5	18.6
6 10	14 9.88	−16 43.1	1.384	2.233	18.2	18.9

106314 2000 UJ_{94} 5 1.3 257°.07 1°.6/ 2.5 17

4 1	14 57.45	−20 22.7	2.355	3.213	10.7	19.8
4 11	14 51.35	−20 32.4	2.272	3.206	7.7	19.6
4 21	14 43.63	−20 33.6	2.215	3.199	4.5	19.3
5 1	14 34.96	−20 26.9	2.187	3.191	1.7	19.1
5 11	14 26.18	−20 14.4	2.186	3.183	3.5	19.3
5 21	14 18.12	−19 59.0	2.214	3.176	6.9	19.4
5 31	14 11.49	−19 44.2	2.268	3.168	10.0	19.6
6 10	14 6.79	−19 33.6	2.345	3.160	12.8	19.8

84841 2003 AL_{14} 5 1.3 170°.52 5°.0/26.6 18

4 1	14 56.26	+ 1 12.1	2.537	3.411	9.4	20.0
4 11	14 50.21	+ 1 54.2	2.480	3.414	7.1	19.9
4 21	14 42.89	+ 2 30.8	2.449	3.417	5.4	19.8
5 1	14 34.94	+ 2 57.8	2.447	3.420	5.2	19.7
5 11	14 27.05	+ 3 12.1	2.473	3.421	6.9	19.8
5 21	14 19.87	+ 3 12.0	2.526	3.423	9.1	20.0
5 31	14 13.96	+ 2 57.2	2.602	3.424	11.4	20.2
6 10	14 9.69	+ 2 28.6	2.699	3.424	13.4	20.3

319608 2006 SS_{235} 5 1.3 107°.84 3°.2/29.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 57.86	− 9 46.7	1.575	2.467	13.1	21.1
4 11	14 51.88	− 8 47.1	1.521	2.475	9.1	20.9
4 21	14 43.93	− 7 43.8	1.491	2.482	5.1	20.7
5 1	14 34.97	− 6 43.2	1.488	2.489	3.4	20.6
5 11	14 26.15	− 5 51.8	1.511	2.496	6.6	20.8
5 21	14 18.50	− 5 14.7	1.559	2.503	10.6	21.0
5 31	14 12.83	− 4 55.1	1.630	2.509	14.3	21.3
6 10	14 9.61	− 4 53.7	1.720	2.516	17.4	21.5

184509 2005 PC_{19} 5 1.3 199°.58 9°.1/18.6 18

4 1	14 54.12	+19 8.8	2.850	3.670	10.1	20.7
4 11	14 48.69	+20 30.5	2.811	3.667	9.3	20.7
4 21	14 42.10	+21 36.9	2.797	3.663	9.1	20.7
5 1	14 34.92	+22 23.2	2.807	3.659	9.6	20.7
5 11	14 27.79	+22 46.7	2.841	3.654	10.7	20.8
5 21	14 21.29	+22 46.7	2.897	3.650	12.0	20.8
5 31	14 15.95	+22 24.5	2.971	3.644	13.2	20.9
6 10	14 12.12	+21 43.0	3.061	3.639	14.4	21.0

302286 2001 XW_{260} 5 1.3 115°.02 2°.2/ 3.5 17

4 1	14 55.41	−24 33.9	2.378	3.227	10.9	20.8
4 11	14 49.80	−24 10.6	2.310	3.235	8.1	20.6
4 21	14 42.74	−23 34.6	2.266	3.243	5.0	20.4
5 1	14 34.94	−22 47.9	2.250	3.251	2.4	20.3
5 11	14 27.22	−21 54.0	2.262	3.259	3.5	20.4
5 21	14 20.32	−20 57.4	2.303	3.266	6.5	20.6
5 31	14 14.87	−20 3.0	2.370	3.273	9.5	20.8
6 10	14 11.26	−19 15.2	2.460	3.281	12.1	21.0

208423 2001 SU_{342} 5 1.3 227°.82 5°.5/26.3 18

4 1	14 54.39	− 0 15.6	2.157	3.042	10.4	19.6
4 11	14 49.11	+ 0 46.0	2.100	3.041	7.8	19.5
4 21	14 42.40	+ 1 43.0	2.068	3.040	5.8	19.4
5 1	14 34.94	+ 2 30.0	2.063	3.039	5.7	19.3
5 11	14 27.53	+ 3 2.4	2.086	3.038	7.7	19.5
5 21	14 20.90	+ 3 17.6	2.133	3.037	10.3	19.6
5 31	14 15.67	+ 3 14.8	2.204	3.035	12.9	19.8
6 10	14 12.26	+ 2 54.9	2.293	3.034	15.1	19.9

378668 2008 GN_{140} 5 1.3 3°.75 0°.6/30.3 18

4 1	14 48.13	−13 15.7	4.232	5.105	6.0	21.2
4 11	14 44.29	−12 48.5	4.159	5.105	4.1	21.1
4 21	14 39.76	−12 18.6	4.114	5.105	2.1	21.0
5 1	14 34.87	−11 47.9	4.099	5.105	0.6	20.8
5 11	14 29.99	−11 18.2	4.114	5.105	2.4	21.0
5 21	14 25.47	−10 51.5	4.157	5.106	4.4	21.1
5 31	14 21.63	−10 29.3	4.228	5.106	6.3	21.3
6 10	14 18.71	−10 12.9	4.323	5.106	7.9	21.4

280132 2002 NX_{27} 5 1.3 282°.17 2°.2/ 3.1 18

4 1	14 57.12	−23 36.0	2.060	2.915	12.1	20.7
4 11	14 51.46	−23 15.6	1.957	2.888	9.0	20.5
4 21	14 43.84	−22 40.4	1.879	2.859	5.5	20.2
5 1	14 34.99	−21 51.6	1.828	2.831	2.4	19.9
5 11	14 25.88	−20 52.7	1.804	2.801	4.1	20.0
5 21	14 17.49	−19 49.0	1.808	2.772	7.9	20.2
5 31	14 10.71	−18 47.0	1.838	2.742	11.7	20.3
6 10	14 6.18	−17 52.5	1.889	2.712	15.1	20.5

469447 2002 NO_{58} 5 1.3 313°.54 2°.7/ 3.4 17

4 1	14 55.08	−24 41.4	1.714	2.577	13.7	21.0
4 11	14 50.20	−24 16.1	1.630	2.563	10.2	20.8
4 21	14 43.21	−23 32.7	1.569	2.549	6.3	20.5
5 1	14 34.97	−22 33.1	1.533	2.536	3.0	20.3
5 11	14 26.61	−21 22.3	1.524	2.522	4.5	20.3
5 21	14 19.23	−20 7.1	1.541	2.509	8.6	20.5
5 31	14 13.74	−18 55.3	1.582	2.497	12.6	20.7
6 10	14 10.75	−17 53.6	1.643	2.485	16.2	20.9

402938 2007 TO_{260} 5 1.3 229°.61 0°.3/30.9 18

4 1	14 51.34	−14 46.6	3.904	4.770	6.6	22.2
4 11	14 46.59	−14 27.1	3.817	4.759	4.6	22.0
4 21	14 40.98	−14 4.0	3.757	4.747	2.4	21.8
5 1	14 34.91	−13 38.9	3.728	4.735	0.3	21.6
5 11	14 28.81	−13 13.7	3.729	4.723	2.4	21.8
5 21	14 23.10	−12 50.5	3.759	4.710	4.7	21.9
5 31	14 18.16	−12 31.0	3.817	4.698	6.8	22.1
6 10	14 14.28	−12 16.9	3.899	4.684	8.6	22.2

74778 1999 RR_{239} 5 1.3 264°.10 3°.6/28.9 18

4 1	14 58.97	− 8 8.5	1.644	2.533	12.8	19.7
4 11	14 52.89	− 7 23.1	1.564	2.516	9.1	19.4
4 21	14 44.62	− 6 34.8	1.509	2.498	5.3	19.1
5 1	14 35.03	− 5 49.1	1.480	2.480	3.7	19.0
5 11	14 25.24	− 5 12.1	1.478	2.462	6.9	19.1
5 21	14 16.39	− 4 48.6	1.502	2.443	11.2	19.3
5 31	14 9.46	− 4 42.0	1.547	2.424	15.1	19.5
6 10	14 5.07	− 4 53.3	1.612	2.404	18.6	19.7

508964 2004 TW_{317} 5 1.3 270°.13 1°.3/ 2.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 58.46	−20 16.6	2.012	2.876	12.0	21.8
4 11	14 52.40	−19 59.8	1.914	2.851	8.7	21.6
4 21	14 44.34	−19 31.1	1.840	2.826	4.9	21.3
5 1	14 35.02	−18 52.1	1.794	2.800	1.4	21.0
5 11	14 25.42	−18 6.4	1.775	2.773	4.0	21.1
5 21	14 16.57	−17 18.8	1.784	2.746	8.2	21.3
5 31	14 9.36	−16 35.0	1.819	2.719	12.1	21.5
6 10	14 4.44	−15 59.8	1.874	2.691	15.5	21.7

45532 2000 CE_{21} 5 1.3 214°.32 3°.1/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.81	− 9 15.4	1.886	2.772	11.6	19.7
4 11	14 51.74	− 8 17.7	1.815	2.766	8.1	19.5
4 21	14 43.87	− 7 16.3	1.770	2.759	4.6	19.2
5 1	14 35.01	− 6 16.6	1.752	2.752	3.2	19.1
5 11	14 26.12	− 5 24.3	1.762	2.745	6.1	19.3
5 21	14 18.15	− 4 44.4	1.799	2.737	9.8	19.5
5 31	14 11.87	− 4 20.1	1.859	2.729	13.3	19.7
6 10	14 7.77	− 4 12.6	1.939	2.720	16.3	19.9

87924 2000 SB_{319} 5 1.3 257°.47 7°.4/ 6.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.29	−35 34.0	2.029	2.827	14.4	19.2
4 11	14 55.39	−36 18.3	1.936	2.812	12.0	19.0
4 21	14 46.03	−36 42.7	1.866	2.797	9.5	18.8
5 1	14 35.08	−36 43.7	1.820	2.781	7.7	18.7
5 11	14 23.76	−36 21.5	1.800	2.765	7.6	18.6
5 21	14 13.36	−35 39.3	1.806	2.749	9.5	18.7
5 31	14 4.99	−34 44.1	1.837	2.732	12.2	18.8
6 10	13 59.40	−33 44.1	1.888	2.715	14.9	19.0

480861 2001 RV_{141} 5 1.3 141°.96 13°.1/ 6.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 19.17	−38 53.4	1.236	2.033	21.9	21.5
4 11	15 8.78	−41 0.8	1.179	2.045	18.7	21.3
4 21	14 53.63	−42 36.9	1.141	2.057	15.5	21.1
5 1	14 35.31	−43 29.4	1.124	2.067	13.4	21.0
5 11	14 16.51	−43 33.8	1.131	2.076	13.3	21.0
5 21	14 0.01	−42 56.6	1.160	2.085	15.2	21.2
5 31	13 47.87	−41 52.4	1.209	2.092	18.0	21.4
6 10	13 40.90	−40 38.4	1.276	2.098	21.0	21.6

269726 1998 RQ_{65} 5 1.3 272°.97 0°.0/ 1.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 51.89	−16 22.4	3.594	4.458	7.2	21.4
4 11	14 47.09	−15 58.7	3.491	4.432	5.0	21.2
4 21	14 41.30	−15 30.0	3.416	4.405	2.6	21.0
5 1	14 34.94	−14 57.8	3.371	4.378	0.1	20.7
5 11	14 28.49	−14 24.5	3.355	4.351	2.6	20.9
5 21	14 22.42	−13 52.4	3.370	4.324	5.1	21.0
5 31	14 17.18	−13 24.0	3.411	4.296	7.4	21.2
6 10	14 13.12	−13 1.4	3.477	4.268	9.5	21.3

469069 2015 BG_{59} 5 1.3 203°.12 7°.9/24.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.81	+ 6 23.7	2.041	2.912	11.5	21.5
4 11	14 51.57	+ 7 33.6	1.986	2.908	9.3	21.3
4 21	14 43.72	+ 8 33.2	1.955	2.904	8.0	21.2
5 1	14 35.01	+ 9 16.1	1.952	2.900	8.2	21.2
5 11	14 26.35	+ 9 37.8	1.974	2.895	10.0	21.3
5 21	14 18.57	+ 9 36.5	2.020	2.889	12.3	21.5
5 31	14 12.36	+ 9 12.7	2.088	2.883	14.7	21.6
6 10	14 8.17	+ 8 29.0	2.173	2.877	16.8	21.8

469845 2005 TF_{71} 5 1.3 122°.38 7°.4/25.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.67	+ 6 7.7	2.111	2.982	11.2	21.3
4 11	14 51.29	+ 7 11.9	2.073	2.996	9.0	21.2
4 21	14 43.48	+ 8 5.2	2.060	3.010	7.6	21.1
5 1	14 35.01	+ 8 42.1	2.074	3.023	7.7	21.1
5 11	14 26.72	+ 8 59.0	2.114	3.036	9.3	21.3
5 21	14 19.38	+ 8 54.8	2.179	3.049	11.5	21.4
5 31	14 13.58	+ 8 30.4	2.265	3.061	13.7	21.6
6 10	14 9.70	+ 7 48.4	2.370	3.073	15.6	21.8

250517 2004 NC_{22} 5 1.3 290°.35 12°.8/13.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.29	−56 54.9	2.485	3.113	16.1	19.9
4 11	14 58.84	−58 5.9	2.391	3.095	15.1	19.8
4 21	14 48.11	−58 50.9	2.312	3.077	14.1	19.7
5 1	14 35.15	−59 3.7	2.253	3.059	13.2	19.6
5 11	14 21.65	−58 41.7	2.213	3.041	12.8	19.5
5 21	14 9.40	−57 46.4	2.193	3.023	12.9	19.5
5 31	13 59.93	−56 24.0	2.195	3.005	13.6	19.5
6 10	13 54.12	−54 43.5	2.216	2.987	14.8	19.5

468266 2015 BF_{474} 5 1.3 231°.99 0°.7/30.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.54	−15 3.0	1.997	2.872	11.6	22.1
4 11	14 52.29	−14 28.6	1.915	2.861	8.1	21.9
4 21	14 44.20	−13 46.1	1.857	2.848	4.2	21.6
5 1	14 35.04	−12 58.9	1.828	2.835	0.8	21.3
5 11	14 25.77	−12 11.7	1.827	2.821	4.5	21.6
5 21	14 17.33	−11 29.3	1.853	2.807	8.5	21.8
5 31	14 10.55	−10 56.1	1.905	2.792	12.2	22.0
6 10	14 5.95	−10 35.3	1.977	2.777	15.3	22.1

99336 2001 VD_{111} 5 1.3 69°.07 3°.1/ 4.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 55.39	−26 52.5	2.180	3.024	12.0	19.4
4 11	14 49.96	−26 32.0	2.108	3.028	9.0	19.2
4 21	14 42.90	−25 56.0	2.060	3.032	5.9	19.0
5 1	14 35.00	−25 6.2	2.039	3.037	3.3	18.9
5 11	14 27.14	−24 6.3	2.046	3.041	4.0	18.9
5 21	14 20.17	−23 1.5	2.081	3.045	7.0	19.1
5 31	14 14.79	−21 57.8	2.141	3.049	10.1	19.3
6 10	14 11.44	−21 0.4	2.224	3.054	12.9	19.5

196725 2003 SY_{115} 5 1.3 214°.80 3°.0/ 4.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.25	−27 38.3	2.451	3.284	11.2	20.4
4 11	14 51.18	−27 10.2	2.363	3.276	8.5	20.2
4 21	14 43.54	−26 26.6	2.299	3.268	5.6	20.0
5 1	14 35.02	−25 28.8	2.263	3.259	3.2	19.9
5 11	14 26.48	−24 20.4	2.256	3.250	3.8	19.9
5 21	14 18.73	−23 6.3	2.278	3.240	6.7	20.0
5 31	14 12.45	−21 52.4	2.327	3.230	9.7	20.2
6 10	14 8.11	−20 44.3	2.400	3.219	12.4	20.4

96473 1998 HG_{118} 5 1.3 298°.35 6°.8/27.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.57	+ 2 14.5	1.739	2.621	12.6	19.0
4 11	14 53.08	+ 2 43.1	1.676	2.614	9.7	18.8
4 21	14 44.62	+ 3 2.5	1.636	2.606	7.3	18.7
5 1	14 35.06	+ 3 7.3	1.622	2.598	7.0	18.6
5 11	14 25.49	+ 2 53.7	1.634	2.591	9.0	18.7
5 21	14 16.91	+ 2 20.6	1.672	2.584	12.1	18.9
5 31	14 10.17	+ 1 28.7	1.731	2.577	15.2	19.1
6 10	14 5.80	+ 0 20.5	1.809	2.570	17.9	19.3

214707 2006 SJ_{383} 5 1.3 71°.95 4°.4/27.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 54.39	− 3 56.0	2.122	3.010	10.4	20.5
4 11	14 49.02	− 2 50.4	2.081	3.028	7.5	20.3
4 21	14 42.32	− 1 47.5	2.066	3.046	5.0	20.2
5 1	14 34.99	− 0 52.6	2.078	3.065	4.6	20.2
5 11	14 27.84	− 0 10.2	2.118	3.083	6.7	20.4
5 21	14 21.56	+ 0 16.8	2.183	3.101	9.4	20.6
5 31	14 16.72	+ 0 27.3	2.273	3.119	12.0	20.8
6 10	14 13.68	+ 0 21.7	2.381	3.137	14.3	21.0

106454 2000 VJ_{60} 5 1.3 76°.93 0°.4/30.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 53.89	−16 30.7	2.243	3.119	10.4	19.8
4 11	14 48.77	−15 44.1	2.178	3.124	7.3	19.6
4 21	14 42.24	−14 49.6	2.139	3.129	3.7	19.4
5 1	14 35.00	−13 50.9	2.127	3.135	0.4	19.1
5 11	14 27.82	−12 52.6	2.145	3.140	3.8	19.4
5 21	14 21.45	−11 59.2	2.190	3.146	7.3	19.6
5 31	14 16.47	−11 14.8	2.260	3.151	10.4	19.8
6 10	14 13.29	−10 42.1	2.353	3.157	13.1	20.0

111495 2001 YM_{58} 5 1.3 206°.74 3°.2/28.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.87	− 5 29.2	2.459	3.339	9.5	20.2
4 11	14 50.06	− 5 1.1	2.390	3.336	6.7	20.0
4 21	14 42.91	− 4 34.1	2.348	3.333	4.1	19.8
5 1	14 35.03	− 4 11.5	2.335	3.330	3.3	19.8
5 11	14 27.16	− 3 56.5	2.350	3.326	5.3	19.9
5 21	14 19.97	− 3 51.3	2.393	3.323	8.1	20.1
5 31	14 14.06	− 3 57.4	2.460	3.319	10.8	20.2
6 10	14 9.85	− 4 15.1	2.549	3.314	13.2	20.4

20841 2000 UM_{69} 5 1.3 198°.67 1°.3/ 2.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 54.61	−21 42.4	2.460	3.317	10.3	18.7
4 11	14 49.26	−21 13.2	2.383	3.316	7.4	18.5
4 21	14 42.52	−20 33.3	2.331	3.315	4.3	18.3
5 1	14 35.02	−19 44.9	2.308	3.313	1.4	18.1
5 11	14 27.53	−18 51.5	2.314	3.311	3.2	18.2
5 21	14 20.77	−17 57.6	2.347	3.310	6.5	18.4
5 31	14 15.36	−17 7.4	2.408	3.307	9.5	18.6
6 10	14 11.70	−16 24.9	2.491	3.305	12.1	18.8

463119 2011 UX_{264} 5 1.3 296°.57 3°.5/ 3.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.29	−24 30.8	1.268	2.143	16.8	21.1
4 11	14 53.17	−24 19.1	1.185	2.124	12.7	20.8
4 21	14 45.10	−23 45.2	1.123	2.106	7.9	20.4
5 1	14 35.11	−22 49.8	1.084	2.087	3.7	20.1
5 11	14 24.76	−21 38.0	1.069	2.068	5.7	20.2
5 21	14 15.64	−20 18.8	1.078	2.050	10.9	20.4
5 31	14 9.12	−19 3.2	1.109	2.032	16.0	20.6
6 10	14 5.98	−18 0.3	1.157	2.015	20.5	20.9

157803 1995 SZ_{56} 5 1.3 283°.59 2°.0/29.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.24	−12 25.2	1.787	2.674	12.1	20.6
4 11	14 50.89	−11 38.2	1.704	2.655	8.5	20.4
4 21	14 43.56	−10 44.1	1.644	2.636	4.5	20.1
5 1	14 35.06	− 9 47.4	1.612	2.617	2.0	19.9
5 11	14 26.39	− 8 54.1	1.607	2.598	5.5	20.0
5 21	14 18.56	− 8 9.6	1.628	2.578	9.7	20.3
5 31	14 12.46	− 7 38.7	1.672	2.559	13.7	20.4
6 10	14 8.66	− 7 23.8	1.736	2.539	17.0	20.6

75010 1999 *UP* 5 1.3 280°.06 1°.7/30.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 56.90	−14 21.3	1.510	2.401	13.7	19.1
4 11	14 51.59	−13 21.6	1.433	2.387	9.6	18.8
4 21	14 44.00	−12 10.8	1.379	2.372	5.0	18.5
5 1	14 35.07	−10 54.7	1.351	2.357	1.8	18.2
5 11	14 26.01	− 9 40.9	1.350	2.343	5.9	18.5
5 21	14 17.99	− 8 37.1	1.373	2.328	10.8	18.7
5 31	14 12.01	− 7 49.6	1.419	2.313	15.1	18.9
6 10	14 8.69	− 7 21.6	1.483	2.299	18.8	19.1

308656 2006 BJ_{101} 5 1.3 266°.06 2°.2/ 2.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.67	−21 32.5	1.459	2.332	15.2	21.5
4 11	14 54.51	−21 25.9	1.376	2.316	11.2	21.2
4 21	14 45.67	−21 3.4	1.316	2.301	6.5	20.9
5 1	14 35.13	−20 26.1	1.280	2.285	2.4	20.6
5 11	14 24.29	−19 38.2	1.270	2.268	5.1	20.7
5 21	14 14.58	−18 46.6	1.285	2.252	10.1	21.0
5 31	14 7.19	−17 59.1	1.323	2.235	14.8	21.2
6 10	14 2.86	−17 22.4	1.380	2.218	18.8	21.4

34367 2000 RQ_{40} 5 1.3 316°.87 4°.3/ 4.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.42	−27 15.3	1.468	2.331	15.7	18.1
4 11	14 50.86	−27 2.1	1.381	2.311	12.0	17.8
4 21	14 43.76	−26 26.3	1.316	2.291	8.0	17.6
5 1	14 35.07	−25 28.1	1.274	2.272	4.6	17.3
5 11	14 26.12	−24 12.1	1.257	2.253	5.6	17.3
5 21	14 18.25	−22 46.5	1.264	2.235	9.7	17.5
5 31	14 12.63	−21 21.1	1.294	2.218	14.2	17.7
6 10	14 9.96	−20 5.2	1.344	2.201	18.2	17.9

311243 2005 CT_{68} 5 1.3 71°.59 1°.6/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.80	−12 56.8	1.357	2.248	14.9	21.4
4 11	14 54.11	−12 29.5	1.313	2.266	10.3	21.1
4 21	14 45.16	−11 56.1	1.292	2.285	5.3	20.9
5 1	14 35.11	−11 21.3	1.296	2.303	1.6	20.7
5 11	14 25.35	−10 50.6	1.327	2.321	5.8	21.0
5 21	14 17.07	−10 29.2	1.382	2.339	10.4	21.3
5 31	14 11.14	−10 20.5	1.459	2.358	14.5	21.6
6 10	14 8.01	−10 26.1	1.555	2.376	17.9	21.9

470913 2009 DK_{78} 5 1.3 22°.36 6°.6/26.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 54.51	+ 0 45.6	1.749	2.641	12.1	20.6
4 11	14 49.41	+ 1 47.5	1.702	2.646	9.1	20.5
4 21	14 42.65	+ 2 42.1	1.680	2.652	7.0	20.4
5 1	14 35.04	+ 3 23.0	1.683	2.658	6.9	20.4
5 11	14 27.55	+ 3 45.4	1.711	2.664	9.0	20.5
5 21	14 21.04	+ 3 47.1	1.763	2.671	11.8	20.7
5 31	14 16.22	+ 3 28.0	1.837	2.679	14.6	20.9
6 10	14 13.50	+ 2 50.2	1.928	2.687	17.0	21.1

215562 2003 CN_{20} 5 1.3 56°.17 7°.1/25.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.00	+ 4 27.4	2.021	2.901	11.2	20.3
4 11	14 49.55	+ 5 28.1	1.980	2.911	8.8	20.2
4 21	14 42.64	+ 6 19.0	1.963	2.921	7.3	20.1
5 1	14 35.04	+ 6 54.6	1.973	2.932	7.4	20.1
5 11	14 27.58	+ 7 11.0	2.008	2.942	9.1	20.3
5 21	14 21.03	+ 7 6.9	2.068	2.953	11.4	20.4
5 31	14 15.98	+ 6 42.8	2.149	2.963	13.7	20.6
6 10	14 12.83	+ 6 1.2	2.248	2.974	15.8	20.8

738 Alagasta 5 1.3 40°.87 1°.9/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.06	−11 26.1	2.019	2.904	11.0	14.7
4 11	14 49.71	−10 50.2	1.957	2.908	7.6	14.5
4 21	14 42.79	−10 10.5	1.920	2.911	4.0	14.2
5 1	14 35.05	− 9 30.8	1.910	2.915	1.9	14.1
5 11	14 27.36	− 8 55.5	1.929	2.919	4.8	14.3
5 21	14 20.54	− 8 28.4	1.974	2.923	8.4	14.5
5 31	14 15.25	− 8 12.4	2.043	2.927	11.7	14.7
6 10	14 11.92	− 8 9.1	2.133	2.931	14.4	14.9

2397 Lappajärvi 5 1.3 119°.59 4°.0/27.3 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 54.69	− 3 7.3	2.499	3.381	9.3	16.3
4 11	14 49.12	− 2 12.7	2.450	3.394	6.7	16.1
4 21	14 42.37	− 1 20.7	2.428	3.407	4.6	16.0
5 1	14 35.04	− 0 35.7	2.435	3.420	4.2	16.0
5 11	14 27.83	− 0 1.4	2.470	3.432	6.0	16.1
5 21	14 21.35	+ 0 20.0	2.531	3.444	8.5	16.3
5 31	14 16.13	+ 0 27.3	2.617	3.456	10.9	16.5
6 10	14 12.51	+ 0 20.6	2.724	3.467	12.9	16.6

102982 1999 XR_{79} 5 1.3 231°.88 1°.6/30.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.03	−12 53.2	1.847	2.727	12.1	20.3
4 11	14 52.74	−12 14.2	1.768	2.717	8.4	20.1
4 21	14 44.50	−11 28.6	1.714	2.705	4.4	19.8
5 1	14 35.12	−10 40.3	1.688	2.693	1.6	19.6
5 11	14 25.63	− 9 54.6	1.689	2.681	5.2	19.8
5 21	14 17.05	− 9 16.6	1.718	2.668	9.3	20.0
5 31	14 10.23	− 8 50.3	1.770	2.655	13.1	20.2
6 10	14 5.74	− 8 38.4	1.843	2.640	16.4	20.4

376796 2000 SC_{135} 5 1.3 205°.42 5°.2/ 5.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 0.79	−32 37.0	2.388	3.194	12.3	21.9
4 11	14 53.85	−32 50.6	2.300	3.188	9.8	21.8
4 21	14 45.05	−32 47.0	2.237	3.182	7.3	21.6
5 1	14 35.14	−32 25.3	2.199	3.175	5.4	21.5
5 11	14 25.12	−31 47.0	2.190	3.168	5.5	21.5
5 21	14 15.96	−30 56.1	2.209	3.160	7.5	21.6
5 31	14 8.46	−29 58.5	2.254	3.151	10.1	21.7
6 10	14 3.19	−29 0.4	2.321	3.142	12.7	21.9

119634 2001 XM_{16} 5 1.3 151°.09 2°.1/29.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.93	−10 47.4	2.056	2.936	11.0	20.0
4 11	14 51.66	−10 8.5	1.995	2.943	7.6	19.8
4 21	14 43.79	− 9 26.1	1.960	2.950	4.1	19.6
5 1	14 35.10	− 8 44.3	1.952	2.956	2.2	19.5
5 11	14 26.49	− 8 7.5	1.974	2.961	5.0	19.7
5 21	14 18.79	− 7 39.4	2.022	2.967	8.5	19.9
5 31	14 12.68	− 7 22.9	2.095	2.971	11.7	20.1
6 10	14 8.60	− 7 19.2	2.189	2.975	14.5	20.3

425200 2009 VS_{3} 5 1.3 105°.19 1°.3/ 2.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.53	−20 37.1	1.882	2.748	12.6	21.8
4 11	14 52.23	−20 17.9	1.823	2.761	9.0	21.6
4 21	14 44.14	−19 46.9	1.787	2.773	5.1	21.4
5 1	14 35.11	−19 6.6	1.779	2.785	1.5	21.2
5 11	14 26.21	−18 21.1	1.798	2.796	3.9	21.4
5 21	14 18.37	−17 35.8	1.844	2.808	7.8	21.6
5 31	14 12.34	−16 55.7	1.916	2.819	11.4	21.9
6 10	14 8.59	−16 24.9	2.008	2.829	14.4	22.1

82155 2001 FZ_{173} 5 1.3 4°.17 0°.3/ 4.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 37.68	−24 32.0	32.567	33.398	1.0	21.4
4 11	14 36.81	−24 30.1	32.490	33.403	0.7	21.4
4 21	14 35.85	−24 27.5	32.441	33.409	0.5	21.4
5 1	14 34.85	−24 24.1	32.420	33.414	0.3	21.3
5 11	14 33.86	−24 20.2	32.428	33.420	0.3	21.4
5 21	14 32.90	−24 16.0	32.466	33.426	0.6	21.4
5 31	14 32.01	−24 11.6	32.531	33.432	0.8	21.4
6 10	14 31.24	−24 7.3	32.622	33.437	1.0	21.4

376535 2012 *TL* 5 1.3 251°.65 1°.8/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 51.67	−25 6.6	4.584	5.413	6.4	20.4
4 11	14 46.81	−25 18.7	4.495	5.407	4.8	20.2
4 21	14 41.14	−25 24.7	4.434	5.402	3.2	20.1
5 1	14 35.02	−25 24.7	4.402	5.396	1.9	20.0
5 11	14 28.86	−25 19.7	4.400	5.390	2.3	20.0
5 21	14 23.03	−25 11.1	4.427	5.384	3.9	20.1
5 31	14 17.90	−25 0.6	4.483	5.378	5.6	20.3
6 10	14 13.75	−24 50.2	4.564	5.372	7.1	20.4

456245 2006 PL_{6} 5 1.3 358°.28 26°.5/26.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.68	−58 47.5	0.982	1.715	30.4	18.9
4 11	14 55.35	−62 9.9	0.936	1.706	29.4	18.8
4 21	14 47.90	−64 44.9	0.900	1.700	28.4	18.7
5 1	14 35.25	−66 17.3	0.873	1.697	27.6	18.6
5 11	14 20.90	−66 37.9	0.857	1.697	26.9	18.5
5 21	14 9.58	−65 47.7	0.850	1.699	26.5	18.5
5 31	14 4.95	−63 57.6	0.855	1.704	26.5	18.5
6 10	14 8.05	−61 24.8	0.870	1.712	26.9	18.6

241230 2007 TD_{161} 5 1.3 170°.16 0°.1/ 1.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.79	−16 13.3	2.185	3.058	10.8	20.8
4 11	14 50.89	−15 53.6	2.115	3.059	7.6	20.6
4 21	14 43.43	−15 26.8	2.071	3.060	4.0	20.4
5 1	14 35.10	−14 55.4	2.054	3.062	0.1	20.0
5 11	14 26.80	−14 23.0	2.066	3.062	3.8	20.4
5 21	14 19.31	−13 53.4	2.106	3.063	7.4	20.6
5 31	14 13.32	−13 30.1	2.171	3.064	10.7	20.8
6 10	14 9.28	−13 15.8	2.257	3.064	13.5	21.0

284173 2005 YL_{282} 5 1.3 45°.98 3°.0/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 48.87	− 0 54.5	4.025	4.902	6.2	20.3
4 11	14 44.84	− 0 23.2	3.968	4.906	4.6	20.1
4 21	14 40.10	+ 0 5.2	3.937	4.910	3.3	20.1
5 1	14 35.00	+ 0 28.7	3.936	4.914	3.2	20.0
5 11	14 29.93	+ 0 45.2	3.964	4.918	4.3	20.1
5 21	14 25.24	+ 0 53.6	4.019	4.922	5.9	20.2
5 31	14 21.26	+ 0 53.1	4.099	4.926	7.5	20.4
6 10	14 18.24	+ 0 43.7	4.202	4.930	8.9	20.5

275717 2000 YD_{59} 5 1.3 93°.35 2°.1/29.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.14	−10 48.4	1.896	2.780	11.7	20.5
4 11	14 51.83	−10 16.5	1.846	2.795	8.1	20.3
4 21	14 43.88	− 9 41.5	1.820	2.811	4.3	20.1
5 1	14 35.12	− 9 7.5	1.822	2.827	2.1	20.0
5 11	14 26.53	− 8 38.7	1.852	2.842	5.1	20.2
5 21	14 18.96	− 8 18.6	1.909	2.857	8.7	20.5
5 31	14 13.12	− 8 9.9	1.990	2.872	12.0	20.7
6 10	14 9.40	− 8 13.5	2.092	2.886	14.8	20.9

13989 Murikabushi 5 1.3 241.°42 7.°7/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 59.29	+ 5 4.7	2.014	2.886	11.6	18.8
4 11	14 52.80	+ 6 20.5	1.942	2.867	9.3	18.6
4 21	14 44.50	+ 7 28.3	1.895	2.848	7.9	18.5
5 1	14 35.15	+ 8 20.9	1.875	2.828	8.1	18.5
5 11	14 25.69	+ 8 53.0	1.882	2.807	10.1	18.6
5 21	14 17.03	+ 9 1.4	1.913	2.786	12.7	18.7
5 31	14 9.96	+ 8 46.1	1.965	2.763	15.4	18.8
6 10	14 5.02	+ 8 9.0	2.035	2.740	17.8	19.0

356814 2011 UU_{371} 5 1.3 157.°35 1.°4/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.97	−10 47.0	2.685	3.560	9.0	21.2
4 11	14 50.05	−10 30.9	2.618	3.564	6.2	21.0
4 21	14 42.90	−10 12.6	2.578	3.568	3.3	20.8
5 1	14 35.10	− 9 54.5	2.568	3.572	1.5	20.7
5 11	14 27.33	− 9 39.3	2.587	3.576	3.8	20.9
5 21	14 20.21	− 9 29.2	2.634	3.580	6.7	21.1
5 31	14 14.31	− 9 26.2	2.707	3.583	9.4	21.3
6 10	14 9.99	− 9 31.5	2.803	3.585	11.7	21.4

403849 2011 UX_{301} 5 1.3 124.°74 0.°3/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.17	−17 4.7	1.575	2.451	14.0	21.4
4 11	14 55.03	−16 52.2	1.517	2.462	9.9	21.2
4 21	14 45.69	−16 29.8	1.484	2.473	5.2	21.0
5 1	14 35.19	−16 0.2	1.476	2.484	0.4	20.6
5 11	14 24.81	−15 28.0	1.496	2.494	4.7	21.0
5 21	14 15.72	−14 58.4	1.542	2.503	9.3	21.3
5 31	14 8.84	−14 36.4	1.612	2.512	13.3	21.5
6 10	14 4.65	−14 25.3	1.702	2.521	16.6	21.8

248402 2005 SC_{97} 5 1.3 271.°11 1.°1/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.22	−13 10.2	2.364	3.241	9.9	20.8
4 11	14 49.80	−12 42.9	2.277	3.224	6.9	20.5
4 21	14 42.89	−12 10.6	2.216	3.207	3.6	20.3
5 1	14 35.10	−11 36.0	2.183	3.190	1.1	20.1
5 11	14 27.20	−11 2.8	2.180	3.172	4.1	20.3
5 21	14 19.94	−10 34.4	2.204	3.155	7.5	20.5
5 31	14 13.99	−10 14.2	2.253	3.137	10.7	20.6
6 10	14 9.83	−10 4.2	2.324	3.119	13.5	20.8

162098 1998 QQ_{34} 5 1.3 283.°80 3.°4/ 3.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.08	−24 51.4	1.936	2.788	12.9	20.1
4 11	14 53.02	−25 6.0	1.841	2.766	9.8	19.9
4 21	14 44.79	−25 6.8	1.770	2.745	6.4	19.6
5 1	14 35.17	−24 53.3	1.725	2.723	3.6	19.4
5 11	14 25.22	−24 27.4	1.707	2.701	4.7	19.4
5 21	14 16.06	−23 53.3	1.716	2.679	8.3	19.6
5 31	14 8.69	−23 16.6	1.749	2.657	12.0	19.8
6 10	14 3.79	−22 43.2	1.804	2.635	15.4	19.9

383293 2006 EV_{21} 5 1.3 269.°10 0.°4/ 1.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.37	−17 42.7	1.853	2.729	12.3	21.5
4 11	14 51.58	−17 25.5	1.780	2.724	8.7	21.2
4 21	14 43.90	−16 58.8	1.730	2.720	4.7	21.0
5 1	14 35.13	−16 25.0	1.708	2.715	0.5	20.6
5 11	14 26.32	−15 48.2	1.713	2.711	4.1	20.9
5 21	14 18.43	−15 13.1	1.744	2.706	8.3	21.1
5 31	14 12.31	−14 44.6	1.800	2.702	12.1	21.4
6 10	14 8.47	−14 26.0	1.877	2.697	15.3	21.6

8882 Sakaetamura 5 1.3 117.°95 11.°8/20.7 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.35	+15 5.7	1.762	2.613	14.0	17.3
4 11	14 52.67	+17 3.0	1.743	2.632	12.4	17.2
4 21	14 44.29	+18 38.2	1.747	2.649	11.8	17.2
5 1	14 35.14	+19 43.3	1.776	2.666	12.5	17.3
5 11	14 26.30	+20 14.4	1.826	2.682	13.9	17.4
5 21	14 18.65	+20 11.9	1.898	2.697	15.8	17.6
5 31	14 12.89	+19 39.2	1.987	2.712	17.5	17.8
6 10	14 9.38	+18 41.9	2.090	2.727	19.1	17.9

103432 2000 AX_{160} 5 1.3 171.°04 2.°3/ 3.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.20	−24 23.0	2.610	3.450	10.3	20.6
4 11	14 51.73	−24 15.8	2.533	3.454	7.7	20.5
4 21	14 43.83	−23 57.3	2.483	3.458	4.8	20.3
5 1	14 35.14	−23 28.5	2.461	3.461	2.4	20.1
5 11	14 26.46	−22 52.0	2.468	3.463	3.4	20.2
5 21	14 18.53	−22 11.5	2.504	3.464	6.2	20.4
5 31	14 11.98	−21 31.0	2.567	3.465	9.1	20.6
6 10	14 7.25	−20 54.7	2.654	3.466	11.5	20.7

98013 2000 QX_{214} 5 1.3 94.°26 0.°3/ 1.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.35	−15 31.4	1.484	2.365	14.4	18.8
4 11	14 55.13	−15 15.1	1.436	2.384	10.1	18.6
4 21	14 45.70	−14 50.2	1.411	2.402	5.2	18.4
5 1	14 35.20	−14 20.2	1.413	2.420	0.3	18.0
5 11	14 24.94	−13 50.1	1.441	2.438	5.0	18.4
5 21	14 16.10	−13 24.8	1.495	2.455	9.6	18.8
5 31	14 9.55	−13 8.8	1.573	2.472	13.6	19.0
6 10	14 5.74	−13 4.7	1.670	2.489	16.9	19.3

77902 2001 TY_{141} 5 1.3 233.°03 0.°7/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 49.22	−12 14.3	4.360	5.232	5.9	19.7
4 11	14 45.08	−12 0.0	4.286	5.231	4.0	19.5
4 21	14 40.24	−11 43.8	4.239	5.229	2.1	19.4
5 1	14 35.02	−11 27.1	4.222	5.228	0.7	19.2
5 11	14 29.81	−11 11.6	4.235	5.227	2.3	19.4
5 21	14 24.95	−10 58.7	4.278	5.226	4.3	19.5
5 31	14 20.75	−10 49.8	4.348	5.224	6.1	19.7
6 10	14 17.46	−10 45.9	4.441	5.223	7.7	19.8

14579 1998 QZ_{99} 5 1.3 211.°68 0.°5/ 1.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.69	−15 17.6	1.963	2.837	11.8	19.4
4 11	14 53.13	−14 55.4	1.886	2.831	8.3	19.2
4 21	14 44.69	−14 25.6	1.834	2.824	4.3	19.0
5 1	14 35.18	−13 51.1	1.810	2.817	0.5	18.6
5 11	14 25.59	−13 16.1	1.814	2.810	4.3	18.9
5 21	14 16.90	−12 44.8	1.846	2.801	8.4	19.1
5 31	14 9.93	−12 21.4	1.902	2.793	12.1	19.4
6 10	14 5.19	−12 8.8	1.980	2.783	15.2	19.5

231749 1999 TN_{152} 5 1.3 217.°36 0.°2/ 1.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 51.30	−14 58.4	4.240	5.104	6.2	21.7
4 11	14 46.55	−14 41.9	4.154	5.094	4.3	21.5
4 21	14 41.02	−14 22.0	4.095	5.085	2.2	21.3
5 1	14 35.06	−14 0.2	4.067	5.075	0.2	21.1
5 11	14 29.08	−13 38.2	4.070	5.064	2.2	21.3
5 21	14 23.46	−13 17.7	4.102	5.053	4.3	21.5
5 31	14 18.54	−13 0.5	4.162	5.042	6.3	21.6
6 10	14 14.61	−12 48.0	4.247	5.031	8.0	21.7

39527 1989 TO_5 5 1.3 244.°08 1.°7/30.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.34	−12 20.3	1.742	2.624	12.6	19.3
4 11	14 53.83	−11 49.9	1.660	2.609	8.9	19.1
4 21	14 45.17	−11 13.4	1.603	2.594	4.7	18.8
5 1	14 35.20	−10 34.6	1.573	2.579	1.8	18.6
5 11	14 25.05	− 9 58.6	1.570	2.562	5.4	18.8
5 21	14 15.83	− 9 30.2	1.594	2.545	9.9	19.0
5 31	14 8.48	− 9 13.5	1.642	2.528	13.9	19.2
6 10	14 3.64	− 9 11.0	1.709	2.510	17.3	19.4

80659 2000 BM_9 5 1.3 198.°04 0.°2/ 1.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.28	−16 26.9	2.027	2.898	11.6	20.9
4 11	14 52.77	−15 55.8	1.952	2.895	8.2	20.6
4 21	14 44.47	−15 16.0	1.902	2.891	4.3	20.4
5 1	14 35.18	−14 30.6	1.879	2.887	0.2	20.0
5 11	14 25.86	−13 43.9	1.886	2.882	4.1	20.4
5 21	14 17.44	−13 0.9	1.921	2.876	8.1	20.6
5 31	14 10.69	−12 25.8	1.980	2.870	11.7	20.8
6 10	14 6.11	−12 2.0	2.061	2.863	14.7	21.0

308033 2004 SO_{29} 5 1.3 200.°75 1.°0/30.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.98	−15 10.5	1.740	2.618	12.8	21.8
4 11	14 53.46	−14 23.8	1.668	2.615	9.0	21.6
4 21	14 44.90	−13 27.6	1.620	2.611	4.6	21.3
5 1	14 35.20	−12 26.3	1.600	2.607	1.0	21.1
5 11	14 25.48	−11 26.0	1.607	2.601	5.0	21.3
5 21	14 16.80	−10 32.7	1.642	2.595	9.4	21.6
5 31	14 10.05	− 9 51.7	1.700	2.589	13.4	21.8
6 10	14 5.75	− 9 25.9	1.778	2.581	16.7	22.0

201526 2003 QZ_{17} 5 1.3 255.°09 3.°9/ 4.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.63	−26 31.4	2.049	2.891	12.7	20.1
4 11	14 53.27	−26 47.9	1.962	2.879	9.7	19.9
4 21	14 44.86	−26 50.1	1.898	2.867	6.5	19.7
5 1	14 35.20	−26 37.2	1.860	2.854	4.1	19.5
5 11	14 25.33	−26 11.2	1.850	2.842	4.8	19.5
5 21	14 16.31	−25 36.0	1.868	2.829	7.9	19.7
5 31	14 9.04	−24 57.3	1.910	2.816	11.3	19.9
6 10	14 4.14	−24 20.8	1.974	2.802	14.3	20.0

302365 2002 CD_9 5 1.3 175.°58 3.°9/27.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 54.12	− 3 9.1	2.561	3.443	9.1	21.3
4 11	14 48.80	− 2 19.8	2.500	3.444	6.6	21.2
4 21	14 42.28	− 1 32.7	2.466	3.445	4.5	21.0
5 1	14 35.12	− 0 51.9	2.460	3.446	4.1	21.0
5 11	14 28.00	− 0 21.1	2.483	3.446	5.9	21.1
5 21	14 21.54	− 0 2.5	2.532	3.446	8.4	21.3
5 31	14 16.28	+ 0 2.4	2.605	3.446	10.8	21.4
6 10	14 12.59	− 0 6.3	2.700	3.446	13.0	21.6

69116 2003 EX_1 5 1.3 333.°57 5.°5/ 4.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.06	−26 5.9	1.110	1.988	18.4	19.1
4 11	14 53.31	−26 35.3	1.040	1.977	14.2	18.8
4 21	14 45.32	−26 42.6	0.989	1.967	9.5	18.5
5 1	14 35.23	−26 25.7	0.959	1.957	5.8	18.2
5 11	14 24.80	−25 47.7	0.952	1.948	7.0	18.3
5 21	14 15.84	−24 56.1	0.967	1.940	11.6	18.5
5 31	14 9.81	−24 1.4	1.002	1.934	16.5	18.7
6 10	14 7.51	−23 13.7	1.054	1.928	20.9	19.0

391355 2006 UJ_{267} 5 1.3 97°.08 0°.0/ 1.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 55.61	−16 45.4	2.363	3.233	10.2	22.0
4 11	14 49.91	−16 19.9	2.304	3.247	7.1	21.8
4 21	14 42.87	−15 47.5	2.271	3.260	3.7	21.6
5 1	14 35.14	−15 10.9	2.266	3.274	0.1	21.3
5 11	14 27.52	−14 33.6	2.290	3.287	3.4	21.6
5 21	14 20.70	−13 59.2	2.343	3.300	6.8	21.8
5 31	14 15.26	−13 31.1	2.421	3.313	9.8	22.1
6 10	14 11.60	−13 11.7	2.521	3.326	12.3	22.3

143475 2003 CB_{8} 5 1.3 35°.04 2°.4/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.15	−10 33.9	1.438	2.333	13.9	19.3
4 11	14 52.32	−10 9.8	1.385	2.340	9.7	19.1
4 21	14 44.33	− 9 42.4	1.356	2.348	5.2	18.8
5 1	14 35.20	− 9 16.2	1.351	2.356	2.5	18.7
5 11	14 26.18	− 8 56.4	1.373	2.365	6.1	18.9
5 21	14 18.41	− 8 47.0	1.419	2.374	10.5	19.2
5 31	14 12.79	− 8 50.8	1.487	2.383	14.5	19.5
6 10	14 9.80	− 9 8.6	1.574	2.393	17.8	19.7

205858 2002 EM_{79} 5 1.3 25°.46 2°.5/ 3.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.72	−23 29.3	1.203	2.086	17.0	19.2
4 11	14 51.77	−22 56.4	1.147	2.091	12.4	18.9
4 21	14 44.19	−22 2.0	1.111	2.097	7.3	18.7
5 1	14 35.19	−20 49.6	1.098	2.103	2.8	18.4
5 11	14 26.31	−19 27.5	1.110	2.110	5.2	18.6
5 21	14 18.95	−18 5.8	1.145	2.118	10.3	18.9
5 31	14 14.15	−16 54.0	1.202	2.126	15.0	19.2
6 10	14 12.42	−15 58.8	1.278	2.135	19.0	19.4

370781 2004 SA_{40} 5 1.3 137°.74 1°.6/ 2.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.23	−20 38.9	2.421	3.272	10.7	21.2
4 11	14 53.87	−20 48.3	2.356	3.286	7.7	21.0
4 21	14 44.95	−20 48.7	2.317	3.299	4.5	20.8
5 1	14 35.22	−20 40.9	2.307	3.312	1.7	20.6
5 11	14 25.55	−20 27.0	2.327	3.324	3.4	20.8
5 21	14 16.73	−20 10.2	2.376	3.335	6.6	21.0
5 31	14 9.45	−19 54.0	2.452	3.346	9.6	21.2
6 10	14 4.13	−19 41.6	2.551	3.356	12.1	21.4

223292 2003 HM_{52} 5 1.3 156°.02 0°.3/ 1.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.38	−21 48.5	2.168	3.024	11.5	19.8
4 11	14 51.91	−20 9.3	2.096	3.031	8.2	19.6
4 21	14 43.91	−18 14.8	2.051	3.038	4.4	19.4
5 1	14 35.19	−16 10.6	2.036	3.043	0.4	19.0
5 11	14 26.64	−14 4.3	2.053	3.049	3.8	19.3
5 21	14 19.08	−12 4.0	2.099	3.053	7.6	19.6
5 31	14 13.14	−10 16.7	2.174	3.058	11.0	19.8
6 10	14 9.21	− 8 47.0	2.271	3.061	13.9	20.0

283485 2001 SQ_{18} 5 1.3 183°.73 0°.9/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.11	−13 27.1	2.973	3.843	8.4	22.2
4 11	14 49.40	−12 55.5	2.899	3.843	5.8	22.0
4 21	14 42.58	−12 19.8	2.853	3.843	3.0	21.8
5 1	14 35.15	−11 42.4	2.836	3.842	0.9	21.6
5 11	14 27.74	−11 6.2	2.849	3.841	3.3	21.8
5 21	14 20.91	−10 34.3	2.891	3.839	6.1	22.0
5 31	14 15.17	−10 9.0	2.960	3.836	8.7	22.2
6 10	14 10.87	− 9 52.1	3.053	3.833	10.9	22.3

380140 1999 TH_{119} 5 1.3 157°.25 1°.5/29.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.38	−12 9.0	2.615	3.489	9.2	21.8
4 11	14 50.33	−11 20.7	2.552	3.498	6.4	21.6
4 21	14 43.06	−10 28.4	2.516	3.506	3.3	21.5
5 1	14 35.17	− 9 35.6	2.509	3.513	1.6	21.3
5 11	14 27.36	− 8 46.1	2.532	3.520	4.0	21.5
5 21	14 20.27	− 8 3.6	2.584	3.526	7.0	21.7
5 31	14 14.44	− 7 30.8	2.662	3.532	9.8	21.9
6 10	14 10.23	− 7 9.4	2.763	3.536	12.1	22.1

507409 2012 LM_{16} 5 1.4 282°.29 2°.3/29.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.10	−11 7.1	1.730	2.617	12.4	21.2
4 11	14 52.34	−10 32.9	1.643	2.595	8.8	20.9
4 21	14 44.45	− 9 53.3	1.580	2.572	4.7	20.6
5 1	14 35.23	− 9 12.6	1.544	2.549	2.3	20.4
5 11	14 25.75	− 8 36.1	1.535	2.525	5.8	20.6
5 21	14 17.10	− 8 8.8	1.551	2.502	10.2	20.8
5 31	14 10.25	− 7 54.6	1.591	2.478	14.2	21.0
6 10	14 5.85	− 7 55.9	1.650	2.454	17.7	21.2

379809 2011 JT_{26} 5 1.4 96°.05 2°.4/29.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.71	− 9 51.3	1.875	2.760	11.7	20.8
4 11	14 51.65	− 9 22.7	1.816	2.767	8.1	20.6
4 21	14 43.88	− 8 51.8	1.783	2.773	4.4	20.4
5 1	14 35.20	− 8 22.4	1.777	2.780	2.4	20.2
5 11	14 26.61	− 7 58.8	1.798	2.786	5.3	20.4
5 21	14 18.99	− 7 44.5	1.846	2.793	9.0	20.7
5 31	14 13.07	− 7 41.7	1.918	2.799	12.4	20.9
6 10	14 9.31	− 7 51.5	2.010	2.805	15.3	21.1

483503 2002 WH_{29} 5 1.4 90°.33 2°.5/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 0.34	−28 52.7	1.061	1.931	19.8	20.6
4 11	14 54.41	−26 46.2	1.004	1.941	14.6	20.4
4 21	14 45.53	−24 1.0	0.968	1.951	8.6	20.1
5 1	14 35.26	−20 46.8	0.956	1.961	2.9	19.8
5 11	14 25.42	−17 22.3	0.970	1.971	5.7	20.0
5 21	14 17.57	−14 8.5	1.010	1.981	11.7	20.3
5 31	14 12.69	−11 22.5	1.073	1.990	17.0	20.6
6 10	14 11.18	− 9 13.2	1.154	2.000	21.3	21.0

195052 2002 CJ_{73} 5 1.4 335°.64 1°.0/ 2.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.95	−19 9.0	1.759	2.632	13.0	20.2
4 11	14 52.08	−18 55.5	1.689	2.632	9.3	20.0
4 21	14 44.21	−18 31.0	1.644	2.632	5.1	19.7
5 1	14 35.22	−17 57.5	1.624	2.631	1.1	19.4
5 11	14 26.22	−17 19.4	1.632	2.631	4.2	19.6
5 21	14 18.23	−16 41.8	1.667	2.631	8.4	19.9
5 31	14 12.13	−16 9.8	1.725	2.630	12.3	20.1
6 10	14 8.42	−15 47.4	1.804	2.630	15.6	20.3

391658 2007 WB_{59} 5 1.4 2°.79 6°.4/26.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 53.52	+ 0 14.7	1.764	2.658	11.9	20.1
4 11	14 48.81	+ 1 15.7	1.712	2.657	9.0	19.9
4 21	14 42.43	+ 2 10.2	1.684	2.657	6.8	19.8
5 1	14 35.17	+ 2 52.0	1.681	2.658	6.7	19.8
5 11	14 27.97	+ 3 16.0	1.704	2.659	8.8	19.9
5 21	14 21.70	+ 3 19.6	1.750	2.661	11.7	20.1
5 31	14 17.07	+ 3 2.5	1.818	2.664	14.6	20.2
6 10	14 14.51	+ 2 26.5	1.904	2.667	17.1	20.4

184246 2004 RY_{332} 5 1.4 303°.54 1°.6/30.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.54	−11 14.4	2.155	3.038	10.5	20.1
4 11	14 50.15	−10 57.1	2.074	3.023	7.3	19.9
4 21	14 43.15	−10 36.6	2.018	3.009	3.9	19.7
5 1	14 35.20	−10 15.8	1.989	2.995	1.6	19.5
5 11	14 27.13	− 9 58.0	1.989	2.980	4.5	19.7
5 21	14 19.77	− 9 46.4	2.016	2.967	8.1	19.9
5 31	14 13.84	− 9 43.7	2.067	2.953	11.5	20.0
6 10	14 9.83	− 9 51.5	2.139	2.939	14.3	20.2

373611 2002 EQ_{2} 5 1.4 21°.51 1°.9/30.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.89	− 9 41.9	1.364	2.258	14.6	19.9
4 11	14 54.39	−10 2.6	1.311	2.265	10.2	19.6
4 21	14 45.49	−10 22.7	1.281	2.273	5.4	19.4
5 1	14 35.28	−10 44.4	1.275	2.281	1.9	19.2
5 11	14 25.14	−11 10.0	1.296	2.291	5.8	19.4
5 21	14 16.36	−11 41.4	1.341	2.301	10.5	19.7
5 31	14 9.91	−12 20.1	1.409	2.313	14.7	20.0
6 10	14 6.35	−13 6.7	1.496	2.324	18.1	20.2

162747 2000 WH_{28} 5 1.4 109°.08 8°.6/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.29	+ 5 4.7	1.577	2.456	13.9	19.7
4 11	14 54.21	+ 6 5.5	1.539	2.470	10.9	19.6
4 21	14 45.21	+ 6 53.3	1.525	2.484	8.9	19.5
5 1	14 35.29	+ 7 21.0	1.536	2.497	8.9	19.5
5 11	14 25.64	+ 7 24.4	1.572	2.510	10.8	19.7
5 21	14 17.29	+ 7 2.8	1.631	2.523	13.6	19.9
5 31	14 11.00	+ 6 18.2	1.711	2.535	16.3	20.1
6 10	14 7.19	+ 5 14.7	1.809	2.547	18.7	20.3

10443 van der Pol 5 1.4 223°.52 1°.8/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.87	−13 57.7	1.663	2.547	13.0	17.9
4 11	14 52.80	−12 53.3	1.589	2.539	9.1	17.6
4 21	14 44.63	−11 39.2	1.539	2.531	4.7	17.4
5 1	14 35.27	−10 20.9	1.516	2.522	1.9	17.1
5 11	14 25.87	− 9 5.9	1.521	2.512	5.7	17.4
5 21	14 17.50	− 8 1.1	1.552	2.503	10.2	17.6
5 31	14 11.07	− 7 12.0	1.607	2.492	14.2	17.8
6 10	14 7.13	− 6 41.5	1.681	2.481	17.6	18.0

9157 1983 RB_{4} 5 1.4 242°.18 0°.3/ 1.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.99	−15 55.6	1.929	2.802	12.0	18.8
4 11	14 53.50	−15 34.1	1.842	2.786	8.5	18.5
4 21	14 45.01	−15 4.3	1.780	2.770	4.5	18.3
5 1	14 35.30	−14 28.5	1.746	2.754	0.3	17.9
5 11	14 25.40	−13 51.0	1.740	2.736	4.4	18.2
5 21	14 16.35	−13 16.5	1.762	2.719	8.7	18.4
5 31	14 9.02	−12 49.5	1.808	2.700	12.5	18.6
6 10	14 4.01	−12 33.4	1.875	2.681	15.8	18.8

219709 2001 XX_{49} 5 1.4 193°.59 0°.2/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.04	−17 43.6	1.935	2.808	12.0	20.4
4 11	14 51.99	−17 13.5	1.863	2.807	8.5	20.2
4 21	14 44.13	−16 33.5	1.816	2.805	4.5	19.9
5 1	14 35.26	−15 46.6	1.796	2.803	0.3	19.6
5 11	14 26.40	−14 57.5	1.804	2.801	4.1	19.9
5 21	14 18.47	−14 11.2	1.839	2.799	8.1	20.1
5 31	14 12.25	−13 32.6	1.900	2.796	11.8	20.3
6 10	14 8.24	−13 5.2	1.981	2.793	14.9	20.5

288584 2004 JT_1 5 1.4 0°.54 4°.1/ 4.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 57.91	−26 25.2	1.908	2.756	13.2	20.1
4 11	14 52.10	−26 49.6	1.835	2.756	10.1	19.9
4 21	14 44.28	−26 59.3	1.785	2.755	6.8	19.7
5 1	14 35.28	−26 53.8	1.761	2.755	4.3	19.5
5 11	14 26.19	−26 35.1	1.764	2.755	5.0	19.6
5 21	14 18.05	−26 7.1	1.793	2.756	8.0	19.7
5 31	14 11.75	−25 35.6	1.846	2.757	11.3	19.9
6 10	14 7.85	−25 5.9	1.921	2.759	14.3	20.1

391351 2006 UP_{226} 5 1.4 96°.86 1°.6/ 2.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.34	−19 59.0	2.494	3.345	10.4	21.1
4 11	14 53.91	−20 23.3	2.436	3.366	7.5	20.9
4 21	14 44.99	−20 39.6	2.404	3.386	4.3	20.7
5 1	14 35.31	−20 48.3	2.402	3.406	1.7	20.6
5 11	14 25.70	−20 51.0	2.429	3.425	3.3	20.7
5 21	14 16.94	−20 50.0	2.486	3.445	6.4	21.0
5 31	14 9.68	−20 48.3	2.570	3.464	9.2	21.2
6 10	14 4.33	−20 48.8	2.677	3.482	11.6	21.4

34538 2000 SA_{222} 5 1.4 298°.42 6°.2/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 54.80	+ 2 14.1	2.130	3.012	10.6	18.4
4 11	14 49.57	+ 3 8.4	2.065	3.001	8.2	18.2
4 21	14 42.82	+ 3 56.0	2.025	2.991	6.5	18.1
5 1	14 35.23	+ 4 31.7	2.012	2.980	6.5	18.1
5 11	14 27.63	+ 4 51.1	2.025	2.970	8.3	18.2
5 21	14 20.77	+ 4 51.9	2.063	2.959	10.9	18.3
5 31	14 15.31	+ 4 33.9	2.123	2.949	13.5	18.5
6 10	14 11.72	+ 3 58.2	2.202	2.939	15.8	18.6

498842 2008 WA_{76} 5 1.4 139°.35 0°.4/ 1.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.02	−16 27.8	2.004	2.881	11.5	21.6
4 11	14 50.48	−15 47.3	1.937	2.883	8.0	21.4
4 21	14 43.30	−14 58.1	1.895	2.885	4.1	21.2
5 1	14 35.25	−14 4.0	1.880	2.888	0.4	20.9
5 11	14 27.25	−13 9.8	1.894	2.890	4.1	21.2
5 21	14 20.14	−12 20.4	1.935	2.892	8.0	21.4
5 31	14 14.62	−11 40.4	2.000	2.894	11.4	21.6
6 10	14 11.15	−11 12.6	2.087	2.896	14.3	21.8

90632 2259 $T\text{-}_2$ 5 1.4 268°.29 0°.1/ 1.4 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.16	−17 7.1	1.736	2.614	12.9	19.6
4 11	14 52.37	−16 41.9	1.654	2.600	9.1	19.4
4 21	14 44.47	−16 6.2	1.596	2.587	4.8	19.1
5 1	14 35.30	−15 23.1	1.565	2.573	0.2	18.7
5 11	14 25.98	−14 37.2	1.561	2.558	4.5	19.0
5 21	14 17.58	−13 54.2	1.583	2.544	9.1	19.2
5 31	14 11.04	−13 19.5	1.629	2.530	13.2	19.4
6 10	14 6.98	−12 56.9	1.695	2.515	16.7	19.6

364766 2007 XP_{29} 5 1.4 282°.00 2°.1/30.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.89	−11 16.4	1.463	2.352	14.1	20.7
4 11	14 54.68	−10 58.7	1.378	2.331	10.0	20.4
4 21	14 45.86	−10 36.3	1.317	2.309	5.3	20.1
5 1	14 35.36	−10 12.7	1.281	2.287	2.1	19.8
5 11	14 24.48	− 9 53.2	1.272	2.265	6.2	20.0
5 21	14 14.58	− 9 42.5	1.287	2.242	11.3	20.2
5 31	14 6.86	− 9 44.7	1.324	2.220	15.9	20.4
6 10	14 2.08	−10 2.0	1.380	2.197	19.9	20.6

374437 2005 WA_{168} 5 1.4 175°.39 0°.8/30.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.13	−14 40.7	1.942	2.820	11.7	21.7
4 11	14 52.01	−14 11.6	1.874	2.821	8.2	21.5
4 21	14 44.13	−13 35.6	1.831	2.822	4.2	21.2
5 1	14 35.29	−12 56.1	1.816	2.823	0.8	21.0
5 11	14 26.47	−12 17.3	1.828	2.823	4.4	21.3
5 21	14 18.58	−11 43.8	1.868	2.823	8.4	21.5
5 31	14 12.37	−11 19.4	1.932	2.823	11.9	21.7
6 10	14 8.33	−11 6.7	2.018	2.823	14.9	21.9

48839 1998 BZ_1 5 1.4 100°.17 1°.2/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.33	−13 1.5	2.313	3.190	10.1	19.8
4 11	14 50.41	−12 26.9	2.261	3.208	7.0	19.6
4 21	14 43.15	−11 48.1	2.235	3.226	3.6	19.4
5 1	14 35.25	−11 8.2	2.237	3.243	1.2	19.3
5 11	14 27.49	−10 31.3	2.269	3.261	4.0	19.5
5 21	14 20.58	−10 0.5	2.328	3.278	7.3	19.7
5 31	14 15.07	− 9 38.7	2.413	3.294	10.2	20.0
6 10	14 11.34	− 9 27.4	2.519	3.311	12.6	20.2

287482 2003 AU_{94} 5 1.4 167°.95 1°.7/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.52	−11 6.9	2.511	3.388	9.4	21.4
4 11	14 49.86	−10 32.9	2.444	3.391	6.5	21.2
4 21	14 42.89	− 9 55.9	2.404	3.394	3.5	21.0
5 1	14 35.25	− 9 19.0	2.392	3.396	1.7	20.9
5 11	14 27.63	− 8 45.6	2.410	3.398	4.2	21.0
5 21	14 20.72	− 8 18.9	2.455	3.400	7.2	21.2
5 31	14 15.07	− 8 1.3	2.527	3.401	10.0	21.4
6 10	14 11.08	− 7 54.3	2.620	3.402	12.4	21.6

125047 2001 TB_{214} 5 1.4 160°.38 2°.2/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 0.38	−12 2.2	1.693	2.577	12.8	20.8
4 11	14 53.69	−11 8.6	1.633	2.583	8.9	20.5
4 21	14 45.02	−10 9.1	1.597	2.588	4.7	20.3
5 1	14 35.32	− 9 8.8	1.589	2.593	2.3	20.1
5 11	14 25.73	− 8 14.2	1.608	2.597	5.7	20.4
5 21	14 17.26	− 7 30.5	1.654	2.601	9.9	20.6
5 31	14 10.76	− 7 1.7	1.723	2.604	13.6	20.8
6 10	14 6.69	− 6 49.5	1.812	2.606	16.7	21.1

39695 1996 SJ_6 5 1.4 223°.13 2°.0/ 2.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.23	−20 43.1	1.744	2.608	13.5	19.3
4 11	14 55.28	−20 50.1	1.665	2.601	9.9	19.0
4 21	14 46.02	−20 45.0	1.609	2.593	5.7	18.8
5 1	14 35.37	−20 28.7	1.580	2.585	2.1	18.5
5 11	14 24.54	−20 4.0	1.578	2.576	4.5	18.6
5 21	14 14.72	−19 35.5	1.603	2.567	8.8	18.9
5 31	14 6.95	−19 8.9	1.653	2.557	12.8	19.1
6 10	14 1.83	−18 49.1	1.723	2.547	16.3	19.3

225961 2002 CC_{71} 5 1.4 138°.10 1°.2/30.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.87	−13 33.6	1.949	2.829	11.6	20.9
4 11	14 51.76	−12 58.6	1.887	2.835	8.0	20.7
4 21	14 43.97	−12 17.7	1.850	2.842	4.1	20.5
5 1	14 35.29	−11 34.6	1.841	2.848	1.2	20.3
5 11	14 26.69	−10 54.0	1.861	2.854	4.6	20.5
5 21	14 19.04	−10 20.2	1.907	2.859	8.4	20.8
5 31	14 13.07	− 9 56.6	1.977	2.864	11.8	21.0
6 10	14 9.21	− 9 45.5	2.069	2.869	14.7	21.2

15862 1996 HJ_{15} 5 1.4 357°.55 0°.8/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.66	−15 6.9	1.539	2.426	13.7	18.2
4 11	14 52.05	−14 36.5	1.474	2.425	9.6	18.0
4 21	14 44.29	−13 57.2	1.433	2.425	4.9	17.7
5 1	14 35.32	−13 13.1	1.417	2.425	0.8	17.4
5 11	14 26.36	−12 29.9	1.428	2.425	5.1	17.7
5 21	14 18.54	−11 53.2	1.464	2.425	9.7	18.0
5 31	14 12.75	−11 27.8	1.523	2.425	13.8	18.2
6 10	14 9.54	−11 16.6	1.601	2.425	17.3	18.5

217577 2008 AC_{114} 5 1.4 343°.44 1°.2/30.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.42	−14 34.1	1.222	2.123	15.4	20.2
4 11	14 50.94	−14 2.5	1.157	2.115	10.8	19.9
4 21	14 43.89	−13 20.6	1.113	2.107	5.6	19.6
5 1	14 35.31	−12 33.5	1.092	2.100	1.2	19.3
5 11	14 26.63	−11 48.4	1.096	2.094	6.0	19.6
5 21	14 19.22	−11 12.1	1.123	2.088	11.4	19.9
5 31	14 14.17	−10 50.4	1.170	2.084	16.1	20.1
6 10	14 12.13	−10 46.4	1.235	2.081	20.1	20.4

373314 2012 JC_8 5 1.4 142°.82 0°.7/30.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.61	−13 47.6	1.816	2.694	12.4	20.7
4 11	14 53.83	−13 40.0	1.752	2.699	8.7	20.5
4 21	14 45.13	−13 26.9	1.713	2.704	4.5	20.2
5 1	14 35.36	−13 10.7	1.702	2.709	0.7	19.9
5 11	14 25.63	−12 55.2	1.718	2.713	4.5	20.2
5 21	14 16.93	−12 43.7	1.761	2.717	8.7	20.5
5 31	14 10.10	−12 39.7	1.828	2.721	12.4	20.7
6 10	14 5.63	−12 45.3	1.917	2.725	15.5	20.9

124948 2001 TV_{85} 5 1.4 54°.70 3°.3/ 3.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.27	−23 56.1	1.231	2.107	17.2	19.3
4 11	14 54.30	−23 49.2	1.176	2.116	12.7	19.0
4 21	14 45.58	−23 22.0	1.142	2.125	7.7	18.8
5 1	14 35.38	−22 36.3	1.132	2.135	3.6	18.6
5 11	14 25.32	−21 38.3	1.146	2.145	5.5	18.7
5 21	14 16.85	−20 36.4	1.184	2.155	10.2	19.0
5 31	14 11.05	−19 39.8	1.243	2.165	14.8	19.3
6 10	14 8.47	−18 55.3	1.322	2.176	18.6	19.5

473141 2015 KN_5 5 1.4 307°.18 0°.6/30.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 53.97	−17 43.6	1.783	2.665	12.4	20.6
4 11	14 49.37	−16 34.2	1.698	2.647	8.7	20.4
4 21	14 42.88	−15 10.9	1.637	2.629	4.5	20.1
5 1	14 35.29	−13 38.7	1.604	2.611	0.6	19.7
5 11	14 27.59	−12 4.8	1.597	2.593	4.7	20.0
5 21	14 20.76	−10 37.1	1.618	2.576	9.2	20.2
5 31	14 15.63	− 9 22.4	1.662	2.559	13.2	20.4
6 10	14 12.75	− 8 25.3	1.727	2.543	16.6	20.6

102040 1999 RG_{112} 5 1.4 196°.26 4°.0/ 6.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.41	−33 12.5	3.169	3.964	9.8	19.8
4 11	14 50.46	−33 5.3	3.080	3.961	7.8	19.7
4 21	14 43.23	−32 43.9	3.015	3.957	5.8	19.5
5 1	14 35.31	−32 8.6	2.979	3.953	4.3	19.4
5 11	14 27.37	−31 21.2	2.971	3.948	4.3	19.4
5 21	14 20.08	−30 25.0	2.992	3.943	5.8	19.5
5 31	14 13.98	−29 24.3	3.040	3.937	7.8	19.6
6 10	14 9.50	−28 23.6	3.113	3.931	9.9	19.8

67713 2000 UF_1 5 1.4 235°.54 0°.5/ 1.7 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 0.06	−18 2.5	1.580	2.458	13.9	19.4
4 11	14 53.83	−17 42.5	1.506	2.451	9.9	19.2
4 21	14 45.29	−17 10.8	1.455	2.445	5.4	18.9
5 1	14 35.39	−16 30.0	1.431	2.438	0.6	18.5
5 11	14 25.39	−15 45.4	1.433	2.431	4.7	18.8
5 21	14 16.49	−15 2.7	1.461	2.424	9.5	19.1
5 31	14 9.70	−14 27.9	1.512	2.416	13.8	19.3
6 10	14 5.62	−14 5.5	1.583	2.408	17.4	19.5

418230 2008 CJ_{208} 5 1.4 317°.32 1°.2/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 51.47	−21 16.0	4.123	4.970	6.7	21.1
4 11	14 46.77	−21 22.2	4.040	4.967	4.9	20.9
4 21	14 41.24	−21 22.9	3.984	4.963	2.9	20.8
5 1	14 35.24	−21 18.9	3.958	4.960	1.3	20.6
5 11	14 29.21	−21 11.3	3.961	4.957	2.2	20.7
5 21	14 23.55	−21 1.8	3.995	4.955	4.1	20.9
5 31	14 18.65	−20 52.1	4.055	4.952	6.1	21.0
6 10	14 14.80	−20 44.1	4.141	4.949	7.8	21.1

102610 1999 VQ_{15} 5 1.4 255°.10 1°.4/ 2.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.18	−20 27.7	1.745	2.612	13.4	20.5
4 11	14 53.90	−20 12.7	1.657	2.595	9.7	20.2
4 21	14 45.36	−19 44.5	1.592	2.578	5.5	19.9
5 1	14 35.41	−19 4.5	1.554	2.560	1.6	19.6
5 11	14 25.21	−18 17.1	1.543	2.542	4.4	19.8
5 21	14 15.94	−17 27.8	1.559	2.523	9.0	20.0
5 31	14 8.61	−16 43.2	1.600	2.504	13.2	20.2
6 10	14 3.88	−16 8.5	1.660	2.484	16.8	20.4

383856 2008 PH_{12} 5 1.4 237°.07 5°.6/ 6.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.17	−34 22.0	2.499	3.293	12.1	21.1
4 11	14 54.26	−34 37.4	2.399	3.276	9.9	20.9
4 21	14 45.43	−34 35.4	2.322	3.258	7.6	20.7
5 1	14 35.41	−34 14.4	2.271	3.240	5.9	20.6
5 11	14 25.17	−33 35.3	2.249	3.221	5.8	20.6
5 21	14 15.68	−32 41.9	2.254	3.201	7.6	20.6
5 31	14 7.80	−31 39.8	2.286	3.181	10.1	20.8
6 10	14 2.11	−30 35.7	2.340	3.159	12.7	20.9

258323 2001 UR_{225} 5 1.4 140°.73 2°.2/29.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.97	−10 15.6	2.059	2.938	11.1	21.2
4 11	14 52.42	− 9 38.9	2.001	2.949	7.7	21.0
4 21	14 44.29	− 8 59.4	1.970	2.959	4.1	20.8
5 1	14 35.36	− 8 21.1	1.966	2.969	2.3	20.7
5 11	14 26.54	− 7 48.2	1.991	2.978	5.0	20.9
5 21	14 18.65	− 7 24.1	2.044	2.987	8.5	21.1
5 31	14 12.38	− 7 11.5	2.121	2.995	11.7	21.3
6 10	14 8.14	− 7 11.5	2.219	3.002	14.4	21.5

255694 2006 QU_{63} 5 1.4 222°.26 1°.4/30.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.68	−13 57.7	1.807	2.688	12.3	21.2
4 11	14 52.58	−13 12.3	1.732	2.681	8.6	20.9
4 21	14 44.53	−12 18.8	1.682	2.673	4.5	20.7
5 1	14 35.37	−11 21.8	1.659	2.665	1.4	20.4
5 11	14 26.16	−10 26.8	1.664	2.657	5.1	20.7
5 21	14 17.90	− 9 39.4	1.696	2.648	9.3	20.9
5 31	14 11.43	− 9 4.2	1.751	2.638	13.1	21.1
6 10	14 7.28	− 8 44.0	1.827	2.628	16.3	21.3

308466 2005 SN_{289} 5 1.4 228°.34 4°.6/ 5.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.02	−32 43.7	2.685	3.490	11.1	21.1
4 11	14 51.13	−32 46.2	2.595	3.482	8.9	21.0
4 21	14 43.68	−32 33.1	2.528	3.473	6.6	20.8
5 1	14 35.34	−32 4.0	2.489	3.465	4.9	20.7
5 11	14 26.93	−31 20.7	2.477	3.456	4.9	20.7
5 21	14 19.23	−30 26.9	2.493	3.447	6.7	20.8
5 31	14 12.93	−29 27.6	2.536	3.437	9.0	20.9
6 10	14 8.50	−28 28.2	2.603	3.427	11.4	21.1

497040 2003 SF_{164} 5 1.4 297°.33 3°.0/ 2.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.52	−21 24.7	1.398	2.272	15.6	21.3
4 11	14 55.60	−21 47.2	1.301	2.241	11.7	20.9
4 21	14 46.63	−21 56.4	1.226	2.210	7.1	20.6
5 1	14 35.47	−21 51.2	1.176	2.179	3.1	20.3
5 11	14 23.59	−21 33.4	1.150	2.148	5.6	20.3
5 21	14 12.58	−21 7.7	1.149	2.117	10.9	20.5
5 31	14 3.93	−20 41.5	1.170	2.086	16.0	20.7
6 10	13 58.65	−20 21.9	1.209	2.055	20.5	20.9

472306 2014 WG_{496} 5 1.4 62°.10 1°.0/ 2.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.36	−21 34.0	1.653	2.526	13.7	20.5
4 11	14 50.95	−20 36.2	1.595	2.536	9.8	20.3
4 21	14 43.63	−19 22.9	1.560	2.547	5.4	20.0
5 1	14 35.35	−17 58.5	1.551	2.558	1.2	19.8
5 11	14 27.24	−16 30.5	1.569	2.568	4.2	20.0
5 21	14 20.29	−15 6.6	1.614	2.579	8.6	20.3
5 31	14 15.28	−13 53.7	1.684	2.590	12.5	20.5
6 10	14 12.64	−12 56.5	1.774	2.602	15.7	20.8

391337 2006 UH_{65} 5 1.4 178°.30 2°.3/ 3.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 57.71	−23 32.2	2.493	3.339	10.6	22.0
4 11	14 51.56	−23 37.6	2.416	3.340	7.8	21.8
4 21	14 43.89	−23 32.5	2.365	3.341	4.9	21.6
5 1	14 35.37	−23 17.5	2.341	3.341	2.5	21.4
5 11	14 26.81	−22 54.7	2.346	3.341	3.5	21.5
5 21	14 18.98	−22 27.5	2.380	3.341	6.4	21.7
5 31	14 12.55	−21 59.6	2.440	3.341	9.3	21.9
6 10	14 7.98	−21 35.1	2.523	3.340	11.9	22.0

459229 2012 EA_5 5 1.4 342°.54 6°.0/ 3.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.19	−23 24.3	1.077	1.963	18.3	19.4
4 11	14 54.41	−24 48.6	1.005	1.947	14.1	19.1
4 21	14 46.15	−26 0.0	0.952	1.932	9.5	18.7
5 1	14 35.47	−26 53.5	0.921	1.918	6.2	18.5
5 11	14 24.14	−27 26.9	0.912	1.907	7.7	18.6
5 21	14 14.12	−27 42.7	0.925	1.897	12.3	18.8
5 31	14 7.12	−27 47.6	0.957	1.889	17.2	19.0
6 10	14 4.12	−27 50.0	1.006	1.882	21.5	19.2

71918 2000 WN_{54} 5 1.4 92°.23 1°.4/30.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.16	−12 59.5	1.505	2.391	14.0	18.8
4 11	14 54.38	−12 35.9	1.455	2.405	9.7	18.6
4 21	14 45.45	−12 6.5	1.428	2.420	5.0	18.3
5 1	14 35.44	−11 35.3	1.427	2.433	1.5	18.1
5 11	14 25.61	−11 7.3	1.453	2.447	5.4	18.4
5 21	14 17.11	−10 47.1	1.504	2.461	9.9	18.7
5 31	14 10.79	−10 38.2	1.579	2.474	13.8	19.0
6 10	14 7.12	−10 42.5	1.673	2.487	17.1	19.2

382770 2003 SG_{24} 5 1.4 170°.85 2°.6/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.54	− 8 29.8	2.745	3.622	8.7	22.2
4 11	14 49.78	− 7 25.9	2.680	3.626	6.1	22.0
4 21	14 42.86	− 6 20.1	2.643	3.630	3.5	21.8
5 1	14 35.35	− 5 16.4	2.636	3.633	2.7	21.8
5 11	14 27.90	− 4 19.1	2.659	3.636	4.8	21.9
5 21	14 21.10	− 3 31.6	2.711	3.638	7.4	22.1
5 31	14 15.46	− 2 56.2	2.788	3.639	9.9	22.3
6 10	14 11.35	− 2 34.1	2.887	3.640	12.1	22.4

254695 2005 MW_{31} 5 1.4 264°.34 3°.8/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.08	− 6 49.1	1.732	2.620	12.4	20.4
4 11	14 52.98	− 6 10.7	1.655	2.605	8.8	20.2
4 21	14 44.82	− 5 31.4	1.602	2.589	5.3	19.9
5 1	14 35.43	− 4 56.4	1.576	2.574	4.0	19.8
5 11	14 25.87	− 4 30.9	1.576	2.557	6.8	19.9
5 21	14 17.22	− 4 18.9	1.602	2.541	10.8	20.1
5 31	14 10.37	− 4 22.8	1.651	2.525	14.5	20.3
6 10	14 5.94	− 4 43.2	1.720	2.508	17.7	20.5

154986 2004 VR_{66} 5 1.4 278°.40 1°.5/30.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.28	−13 10.4	1.868	2.751	11.9	20.3
4 11	14 51.70	−12 32.5	1.780	2.729	8.3	20.0
4 21	14 44.15	−11 47.5	1.716	2.707	4.4	19.7
5 1	14 35.40	−10 59.1	1.679	2.685	1.5	19.5
5 11	14 26.45	−10 12.5	1.670	2.663	5.1	19.7
5 21	14 18.27	− 9 32.8	1.687	2.640	9.3	19.9
5 31	14 11.76	− 9 4.6	1.729	2.617	13.2	20.0
6 10	14 7.52	− 8 50.7	1.790	2.594	16.5	20.2

285710 2000 SB_{251} 5 1.4 177°.51 1°.8/ 2.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.85	−20 8.8	1.669	2.535	13.9	20.5
4 11	14 55.71	−20 15.2	1.599	2.536	10.1	20.3
4 21	14 46.26	−20 9.7	1.553	2.537	5.8	20.0
5 1	14 35.49	−19 53.4	1.533	2.538	1.9	19.8
5 11	14 24.65	−19 29.4	1.540	2.538	4.5	20.0
5 21	14 14.97	−19 2.6	1.574	2.538	8.9	20.2
5 31	14 7.42	−18 38.4	1.633	2.537	12.9	20.4
6 10	14 2.59	−18 21.7	1.712	2.536	16.4	20.7

362483 2010 SE_{34} 5 1.4 326°.61 4°.4/ 2.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.74	−21 26.8	1.049	1.943	18.0	19.4
4 11	14 53.59	−22 21.8	0.963	1.912	13.7	19.0
4 21	14 45.87	−23 5.0	0.896	1.882	8.7	18.6
5 1	14 35.49	−23 33.1	0.850	1.853	4.6	18.3
5 11	14 24.13	−23 45.8	0.827	1.825	7.0	18.3
5 21	14 13.81	−23 46.4	0.824	1.799	12.7	18.5
5 31	14 6.41	−23 42.2	0.839	1.775	18.4	18.7
6 10	14 3.13	−23 41.6	0.871	1.752	23.5	18.9

281037 2006 HS_{22} 5 1.4 280°.74 1°.7/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.38	−11 39.5	1.895	2.779	11.7	20.7
4 11	14 51.59	−11 16.3	1.824	2.774	8.1	20.5
4 21	14 44.01	−10 49.0	1.778	2.769	4.3	20.2
5 1	14 35.40	−10 21.1	1.759	2.765	1.7	20.1
5 11	14 26.76	− 9 56.7	1.768	2.760	4.9	20.3
5 21	14 19.00	− 9 39.4	1.804	2.756	8.8	20.5
5 31	14 12.91	− 9 32.4	1.863	2.751	12.4	20.7
6 10	14 9.00	− 9 37.4	1.943	2.746	15.4	20.9

129547 1996 TC_6 5 1.4 285.°26 1.°4/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 57.52	−15 7.3	1.457	2.347	14.1	19.6
4 11	14 52.27	−14 12.5	1.376	2.328	10.0	19.3
4 21	14 44.60	−13 5.3	1.317	2.309	5.2	18.9
5 1	14 35.43	−11 51.0	1.284	2.290	1.4	18.6
5 11	14 26.04	−10 37.3	1.276	2.271	5.9	18.9
5 21	14 17.68	− 9 32.2	1.294	2.252	11.0	19.1
5 31	14 11.43	− 8 42.7	1.334	2.233	15.6	19.3
6 10	14 7.97	− 8 12.9	1.392	2.214	19.5	19.5

185637 2008 DH_{54} 5 1.4 316.°84 2.°8/ 3.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.02	−23 46.6	2.192	3.043	11.7	20.0
4 11	14 52.00	−24 3.6	2.114	3.040	8.7	19.8
4 21	14 44.22	−24 9.2	2.061	3.037	5.5	19.6
5 1	14 35.42	−24 3.5	2.035	3.035	3.0	19.5
5 11	14 26.52	−23 48.5	2.037	3.032	4.0	19.5
5 21	14 18.42	−23 27.6	2.067	3.030	7.2	19.7
5 31	14 11.90	−23 4.9	2.122	3.027	10.3	19.9
6 10	14 7.48	−22 45.0	2.199	3.025	13.1	20.1

53254 1999 ES_{10} 5 1.4 338.°35 3.°4/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 54.38	− 7 57.8	2.050	2.938	10.7	19.2
4 11	14 49.31	− 6 53.8	1.987	2.938	7.5	19.0
4 21	14 42.74	− 5 47.9	1.950	2.937	4.4	18.8
5 1	14 35.36	− 4 45.4	1.940	2.937	3.5	18.7
5 11	14 28.02	− 3 51.7	1.958	2.936	6.0	18.9
5 21	14 21.50	− 3 11.0	2.003	2.936	9.3	19.1
5 31	14 16.44	− 2 46.1	2.071	2.936	12.3	19.3
6 10	14 13.28	− 2 37.6	2.159	2.935	14.9	19.4

390234 2012 XQ_{52} 5 1.4 49.°88 4.°5/27.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.45	− 2 12.2	2.221	3.104	10.2	20.5
4 11	14 49.95	− 1 33.9	2.163	3.106	7.4	20.4
4 21	14 43.04	− 0 59.4	2.130	3.109	5.1	20.2
5 1	14 35.39	− 0 32.9	2.125	3.111	4.7	20.2
5 11	14 27.79	− 0 17.9	2.148	3.113	6.6	20.3
5 21	14 20.97	− 0 16.4	2.197	3.116	9.3	20.5
5 31	14 15.53	− 0 29.5	2.269	3.118	12.0	20.7
6 10	14 11.88	− 0 56.4	2.362	3.121	14.3	20.8

310429 1999 XP_{19} 5 1.4 93.°77 0.°3/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 4.78	−17 27.7	1.942	2.804	12.4	20.1
4 11	14 56.35	−17 8.7	1.904	2.842	8.7	20.0
4 21	14 46.27	−16 41.1	1.892	2.880	4.6	19.8
5 1	14 35.51	−16 7.6	1.908	2.916	0.4	19.5
5 11	14 25.14	−15 32.5	1.954	2.951	3.9	19.9
5 21	14 16.06	−15 0.0	2.029	2.985	7.7	20.2
5 31	14 8.94	−14 34.1	2.129	3.018	11.0	20.4
6 10	14 4.12	−14 17.5	2.251	3.050	13.7	20.7

38365 1999 RE_{158} 5 1.4 176.°87 0.°7/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 54.81	−14 3.0	2.942	3.812	8.4	20.0
4 11	14 49.28	−13 37.3	2.870	3.813	5.9	19.9
4 21	14 42.63	−13 7.5	2.825	3.815	3.0	19.7
5 1	14 35.38	−12 35.6	2.809	3.816	0.7	19.5
5 11	14 28.15	−12 4.5	2.823	3.816	3.2	19.7
5 21	14 21.50	−11 36.9	2.866	3.816	6.0	19.9
5 31	14 15.93	−11 15.3	2.935	3.816	8.6	20.0
6 10	14 11.81	−11 1.5	3.028	3.815	10.8	20.2

470321 2007 PL_{47} 5 1.4 267.°16 1.°8/ 2.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.66	−21 24.2	1.992	2.854	12.1	21.7
4 11	14 51.85	−21 18.6	1.913	2.848	8.9	21.5
4 21	14 44.19	−21 1.5	1.858	2.841	5.2	21.2
5 1	14 35.44	−20 34.0	1.830	2.834	2.0	21.0
5 11	14 26.61	−19 59.4	1.830	2.828	3.9	21.1
5 21	14 18.63	−19 22.3	1.857	2.821	7.7	21.3
5 31	14 12.34	−18 47.6	1.908	2.814	11.3	21.5
6 10	14 8.26	−18 19.8	1.982	2.807	14.4	21.7

278402 2007 QA_{13} 5 1.4 295.°64 8.°0/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 54.61	+ 3 20.1	1.788	2.675	12.1	19.9
4 11	14 49.73	+ 4 57.9	1.725	2.661	9.6	19.7
4 21	14 43.07	+ 6 28.8	1.686	2.646	8.1	19.6
5 1	14 35.40	+ 7 44.4	1.674	2.631	8.5	19.6
5 11	14 27.67	+ 8 37.8	1.686	2.617	10.7	19.7
5 21	14 20.79	+ 9 5.1	1.721	2.603	13.5	19.8
5 31	14 15.54	+ 9 5.5	1.776	2.589	16.3	20.0
6 10	14 12.44	+ 8 41.2	1.848	2.575	18.7	20.1

124758 2001 SH_{227} 5 1.4 90.°77 1.°7/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.07	−13 55.7	1.378	2.267	14.8	20.1
4 11	14 54.39	−13 6.1	1.333	2.285	10.3	19.9
4 21	14 45.47	−12 8.5	1.311	2.303	5.3	19.6
5 1	14 35.49	−11 8.8	1.315	2.321	1.7	19.4
5 11	14 25.80	−10 14.2	1.345	2.338	5.8	19.7
5 21	14 17.57	− 9 30.8	1.399	2.355	10.5	20.1
5 31	14 11.68	− 9 3.0	1.477	2.372	14.6	20.3
6 10	14 8.54	− 8 52.6	1.573	2.389	17.9	20.6

400263 2007 RP_{137} 5 1.4 192.°77 0.°3/ 1.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 51.27	−17 54.3	4.179	5.036	6.4	22.4
4 11	14 46.62	−17 34.3	4.098	5.034	4.5	22.3
4 21	14 41.18	−17 9.6	4.044	5.031	2.4	22.1
5 1	14 35.33	−16 41.7	4.021	5.028	0.3	21.9
5 11	14 29.48	−16 12.4	4.028	5.025	2.1	22.1
5 21	14 24.02	−15 43.7	4.065	5.021	4.2	22.2
5 31	14 19.28	−15 17.5	4.129	5.017	6.2	22.4
6 10	14 15.56	−14 55.5	4.219	5.013	7.9	22.5

37633 1993 TG_{39} 5 1.4 152.°11 2.°4/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.54	−10 56.4	1.725	2.608	12.6	19.5
4 11	14 53.82	−10 12.9	1.666	2.616	8.8	19.3
4 21	14 45.16	− 9 25.2	1.632	2.622	4.7	19.1
5 1	14 35.49	− 8 38.0	1.625	2.629	2.5	18.9
5 11	14 25.92	− 7 56.8	1.646	2.634	5.7	19.1
5 21	14 17.46	− 7 26.1	1.693	2.640	9.7	19.4
5 31	14 10.92	− 7 9.3	1.764	2.644	13.4	19.6
6 10	14 6.78	− 7 7.7	1.854	2.648	16.4	19.8

88128 2000 WH_{152} 5 1.4 228.°44 5.°3/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.98	+ 0 48.1	2.404	3.278	9.9	20.1
4 11	14 51.73	+ 1 40.3	2.330	3.264	7.5	19.9
4 21	14 44.01	+ 2 27.8	2.282	3.250	5.7	19.8
5 1	14 35.46	+ 3 6.0	2.263	3.235	5.6	19.8
5 11	14 26.85	+ 3 30.8	2.271	3.219	7.4	19.9
5 21	14 18.91	+ 3 39.6	2.306	3.203	9.9	20.0
5 31	14 12.29	+ 3 31.7	2.365	3.186	12.5	20.1
6 10	14 7.44	+ 3 7.7	2.444	3.168	14.7	20.3

31634 1999 GG_{31} 5 1.4 67.°08 0.°9/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.87	−14 14.2	2.034	2.915	11.2	18.9
4 11	14 50.38	−13 43.2	1.973	2.921	7.7	18.7
4 21	14 43.32	−13 6.1	1.937	2.928	4.0	18.4
5 1	14 35.43	−12 26.4	1.928	2.935	0.9	18.2
5 11	14 27.61	−11 48.5	1.947	2.942	4.2	18.5
5 21	14 20.67	−11 16.2	1.993	2.949	7.9	18.7
5 31	14 15.28	−10 53.1	2.064	2.955	11.2	18.9
6 10	14 11.87	−10 41.3	2.156	2.962	14.0	19.1

180530 2004 DV_{51} 5 1.4 104.°05 3.°7/28.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.45	− 7 42.5	1.724	2.611	12.4	20.8
4 11	14 52.91	− 6 46.0	1.679	2.629	8.7	20.6
4 21	14 44.62	− 5 49.0	1.659	2.647	5.1	20.4
5 1	14 35.49	− 4 57.2	1.666	2.664	3.8	20.4
5 11	14 26.58	− 4 16.0	1.701	2.681	6.5	20.6
5 21	14 18.83	− 3 49.2	1.761	2.697	10.1	20.8
5 31	14 12.96	− 3 39.0	1.845	2.713	13.4	21.1
6 10	14 9.35	− 3 45.2	1.947	2.729	16.2	21.3

40997 1999 UE_6 5 1.4 242.°91 0.°6/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.46	−18 50.6	2.030	2.899	11.7	19.7
4 11	14 51.67	−18 26.2	1.949	2.890	8.3	19.4
4 21	14 44.09	−17 51.4	1.893	2.880	4.5	19.2
5 1	14 35.47	−17 8.6	1.864	2.871	0.7	18.9
5 11	14 26.77	−16 21.9	1.863	2.861	3.8	19.1
5 21	14 18.90	−15 36.2	1.890	2.851	7.8	19.3
5 31	14 12.65	−14 56.4	1.941	2.841	11.4	19.5
6 10	14 8.53	−14 26.3	2.014	2.830	14.5	19.7

229113 2004 RN_{82} 5 1.4 157.°70 0.°2/ 1.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.20	−17 40.5	2.418	3.281	10.3	22.4
4 11	14 51.83	−17 13.4	2.350	3.289	7.2	22.2
4 21	14 44.02	−16 38.4	2.309	3.297	3.8	22.0
5 1	14 35.47	−15 58.1	2.296	3.303	0.3	21.7
5 11	14 26.99	−15 15.9	2.313	3.309	3.4	21.9
5 21	14 19.29	−14 35.9	2.358	3.315	6.8	22.2
5 31	14 13.02	−14 1.6	2.430	3.320	9.8	22.4
6 10	14 8.57	−13 35.9	2.524	3.324	12.4	22.6

202982 1999 TD_{239} 5 1.4 223.°89 0.°6/30.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 51.57	−13 29.3	3.971	4.839	6.5	21.5
4 11	14 46.87	−13 8.2	3.886	4.829	4.5	21.4
4 21	14 41.35	−12 44.2	3.829	4.819	2.3	21.2
5 1	14 35.37	−12 18.8	3.802	4.808	0.6	21.0
5 11	14 29.37	−11 54.1	3.805	4.797	2.5	21.2
5 21	14 23.74	−11 31.9	3.837	4.786	4.7	21.3
5 31	14 18.86	−11 14.0	3.897	4.775	6.8	21.5
6 10	14 15.03	−11 1.9	3.981	4.763	8.5	21.6

420112 2011 FU_{13} 5 1.4 43.°01 5.°2/27.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 54.72	− 7 7.6	1.430	2.332	13.5	20.5
4 11	14 49.85	− 5 20.9	1.392	2.348	9.5	20.3
4 21	14 43.09	− 3 33.9	1.378	2.365	6.0	20.1
5 1	14 35.43	− 1 56.2	1.390	2.382	5.5	20.1
5 11	14 28.04	− 0 36.5	1.427	2.400	8.4	20.4
5 21	14 21.88	+ 0 19.6	1.488	2.418	12.1	20.6
5 31	14 17.68	+ 0 50.2	1.570	2.436	15.5	20.9
6 10	14 15.82	+ 0 56.3	1.670	2.455	18.3	21.1

99207 2001 HR_{27} 5 1.4 19.°60 0.°9/30.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 57.92	−14 31.4	1.226	2.124	15.6	18.9
4 11	14 52.60	−14 13.9	1.172	2.128	10.9	18.7
4 21	14 44.75	−13 47.7	1.140	2.133	5.7	18.4
5 1	14 35.50	−13 17.1	1.132	2.139	0.9	18.1
5 11	14 26.34	−12 48.0	1.148	2.146	5.7	18.4
5 21	14 18.59	−12 26.2	1.188	2.153	10.9	18.7
5 31	14 13.27	−12 16.2	1.248	2.162	15.4	19.0
6 10	14 10.94	−12 20.7	1.327	2.171	19.2	19.3

374589 2006 DM_{57} 5 1.4 134.°55 2.°2/ 3.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.29	−23 7.8	2.151	3.002	11.8	21.6
4 11	14 52.78	−23 1.1	2.084	3.012	8.7	21.4
4 21	14 44.59	−22 42.2	2.043	3.022	5.2	21.2
5 1	14 35.50	−22 12.4	2.028	3.031	2.4	21.0
5 11	14 26.47	−21 34.9	2.043	3.040	3.8	21.1
5 21	14 18.38	−20 54.1	2.085	3.048	7.1	21.3
5 31	14 11.94	−20 14.9	2.153	3.056	10.3	21.6
6 10	14 7.61	−19 41.7	2.244	3.063	13.1	21.8

177291 2003 XR_6 5 1.4 212.°10 1.°7/30.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.98	−12 4.5	2.029	2.906	11.3	21.3
4 11	14 53.37	−11 27.1	1.951	2.898	7.9	21.0
4 21	14 44.96	−10 44.3	1.899	2.890	4.2	20.8
5 1	14 35.52	−10 0.0	1.876	2.881	1.8	20.6
5 11	14 26.01	− 9 18.8	1.881	2.871	4.9	20.8
5 21	14 17.35	− 8 45.1	1.913	2.860	8.8	21.0
5 31	14 10.33	− 8 22.4	1.971	2.849	12.3	21.2
6 10	14 5.45	− 8 12.8	2.049	2.836	15.3	21.4

105410 2000 QL_{154} 5 1.4 297.°73 2.°0/ 3.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.12	−23 44.1	2.092	2.949	11.9	19.7
4 11	14 50.00	−23 13.7	2.011	2.942	8.7	19.5
4 21	14 43.20	−22 29.0	1.954	2.934	5.3	19.2
5 1	14 35.45	−21 32.1	1.924	2.927	2.2	19.0
5 11	14 27.66	−20 27.4	1.922	2.920	3.7	19.1
5 21	14 20.69	−19 20.3	1.947	2.913	7.3	19.3
5 31	14 15.30	−18 16.9	1.998	2.906	10.7	19.5
6 10	14 11.95	−17 22.1	2.071	2.899	13.8	19.7

276996 2004 XA_{47} 5 1.4 228.°39 2.°9/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.32	− 8 15.3	2.023	2.908	11.0	20.4
4 11	14 51.47	− 7 37.9	1.953	2.902	7.7	20.2
4 21	14 43.94	− 6 58.8	1.908	2.897	4.4	20.0
5 1	14 35.48	− 6 22.5	1.891	2.891	3.0	19.9
5 11	14 27.00	− 5 53.1	1.902	2.885	5.6	20.0
5 21	14 19.34	− 5 34.2	1.939	2.879	9.1	20.2
5 31	14 13.24	− 5 28.3	2.000	2.872	12.4	20.4
6 10	14 9.16	− 5 36.3	2.082	2.866	15.2	20.6

181222 2005 TN_1 5 1.4 274.°88 0.°3/ 1.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.78	−14 49.5	2.294	3.167	10.3	20.1
4 11	14 51.02	−14 43.3	2.214	3.158	7.3	19.9
4 21	14 43.70	−14 31.9	2.159	3.149	3.8	19.6
5 1	14 35.48	−14 17.0	2.133	3.141	0.3	19.3
5 11	14 27.17	−14 1.7	2.136	3.132	3.7	19.6
5 21	14 19.55	−13 48.7	2.166	3.123	7.3	19.8
5 31	14 13.33	−13 41.0	2.222	3.114	10.5	20.0
6 10	14 8.99	−13 41.0	2.299	3.105	13.3	20.1

259768 2004 BE_{12} 5 1.4 21.°73 1.°0/30.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.92	−14 19.0	1.266	2.163	15.3	19.9
4 11	14 52.54	−13 58.7	1.212	2.168	10.7	19.7
4 21	14 44.70	−13 30.1	1.180	2.173	5.5	19.4
5 1	14 35.51	−12 57.5	1.172	2.179	1.0	19.1
5 11	14 26.41	−12 26.8	1.189	2.186	5.6	19.4
5 21	14 18.69	−12 3.8	1.229	2.194	10.7	19.7
5 31	14 13.34	−11 52.8	1.291	2.202	15.2	20.0
6 10	14 10.90	−11 56.4	1.371	2.211	18.9	20.3

437621 2014 BG_{24} 5 1.4 262.°29 2.°9/28.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 54.45	− 9 20.6	2.099	2.986	10.6	21.2
4 11	14 49.37	− 8 18.5	2.034	2.985	7.4	21.0
4 21	14 42.81	− 7 13.4	1.995	2.985	4.2	20.8
5 1	14 35.44	− 6 10.3	1.984	2.984	3.0	20.7
5 11	14 28.12	− 5 14.4	2.001	2.983	5.6	20.8
5 21	14 21.59	− 4 30.1	2.045	2.982	8.9	21.0
5 31	14 16.50	− 4 0.5	2.112	2.982	11.9	21.2
6 10	14 13.27	− 3 46.6	2.200	2.981	14.6	21.4

413007 1999 VP_{181} 5 1.4 143.°49 0.°3/ 1.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.99	−16 46.5	1.958	2.828	12.0	22.4
4 11	14 53.28	−16 6.1	1.897	2.840	8.4	22.2
4 21	14 44.84	−15 16.7	1.861	2.851	4.3	22.0
5 1	14 35.53	−14 22.1	1.854	2.861	0.3	21.7
5 11	14 26.35	−13 27.1	1.875	2.871	4.2	22.0
5 21	14 18.19	−12 37.1	1.924	2.880	8.1	22.3
5 31	14 11.79	−11 56.5	1.998	2.888	11.6	22.5
6 10	14 7.58	−11 28.2	2.094	2.896	14.5	22.7

502720 2015 DN_{28} 5 1.4 146.°94 0.°0/ 1.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 59.73	−16 5.6	2.025	2.896	11.6	21.3
4 11	14 53.14	−15 56.8	1.959	2.902	8.2	21.0
4 21	14 44.81	−15 41.0	1.919	2.908	4.3	20.8
5 1	14 35.53	−15 20.3	1.906	2.913	0.2	20.5
5 11	14 26.28	−14 57.9	1.921	2.918	3.9	20.8
5 21	14 17.97	−14 37.7	1.965	2.923	7.8	21.0
5 31	14 11.33	−14 23.1	2.033	2.928	11.2	21.3
6 10	14 6.85	−14 17.0	2.123	2.932	14.1	21.5

132324 2002 GX_{21} 5 1.4 7.°00 0.°4/ 1.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.46	−15 26.3	1.569	2.451	13.8	19.2
4 11	14 54.12	−15 48.2	1.503	2.451	9.8	19.0
4 21	14 45.50	−16 3.9	1.462	2.452	5.2	18.7
5 1	14 35.56	−16 14.1	1.446	2.453	0.5	18.4
5 11	14 25.55	−16 21.5	1.456	2.455	4.6	18.7
5 21	14 16.66	−16 29.0	1.493	2.457	9.2	18.9
5 31	14 9.87	−16 40.1	1.553	2.460	13.3	19.2
6 10	14 5.78	−16 57.7	1.633	2.463	16.7	19.4

426368 2013 ND_{23} 5 1.4 0.°74 8.°2/ 7.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.76	−34 38.4	1.275	2.116	18.9	20.4
4 11	14 52.21	−34 52.1	1.208	2.114	15.4	20.2
4 21	14 44.73	−34 34.9	1.160	2.113	11.7	20.0
5 1	14 35.53	−33 44.5	1.133	2.113	8.8	19.8
5 11	14 26.28	−32 25.0	1.129	2.113	8.4	19.8
5 21	14 18.56	−30 45.8	1.148	2.115	11.0	19.9
5 31	14 13.59	−28 59.5	1.188	2.117	14.7	20.1
6 10	14 11.96	−27 18.4	1.248	2.121	18.3	20.4

520029 2013 VU_{27} 5 1.4 261.°02 1.°2/30.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.26	−13 16.9	1.857	2.739	12.0	21.9
4 11	14 52.35	−12 53.8	1.780	2.728	8.4	21.6
4 21	14 44.50	−12 24.7	1.727	2.718	4.4	21.3
5 1	14 35.53	−11 53.0	1.701	2.707	1.2	21.1
5 11	14 26.44	−11 22.9	1.702	2.696	4.8	21.3
5 21	14 18.23	−10 58.7	1.731	2.686	8.9	21.5
5 31	14 11.74	−10 44.0	1.783	2.675	12.7	21.7
6 10	14 7.52	−10 41.5	1.856	2.663	15.9	21.9

318583 2005 GP_{180} 5 1.4 12.°12 1.°7/30.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.46	−13 6.0	1.186	2.088	15.7	20.4
4 11	14 52.35	−12 41.6	1.132	2.090	11.0	20.2
4 21	14 44.66	−12 9.8	1.099	2.093	5.7	19.9
5 1	14 35.53	−11 35.7	1.090	2.096	1.7	19.6
5 11	14 26.45	−11 5.6	1.104	2.101	6.2	19.9
5 21	14 18.79	−10 45.4	1.142	2.106	11.4	20.2
5 31	14 13.60	−10 39.4	1.200	2.112	16.0	20.5
6 10	14 11.42	−10 49.4	1.276	2.119	19.8	20.8

100209 1994 JG_5 5 1.4 51.°89 0.°6/ 1.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.50	−16 13.6	1.310	2.201	15.3	19.7
4 11	14 52.80	−15 34.4	1.260	2.213	10.7	19.5
4 21	14 44.76	−14 44.3	1.233	2.226	5.5	19.2
5 1	14 35.54	−13 48.3	1.231	2.239	0.6	18.9
5 11	14 26.51	−12 53.7	1.254	2.252	5.4	19.3
5 21	14 18.90	−12 7.3	1.301	2.265	10.3	19.6
5 31	14 13.64	−11 34.6	1.371	2.279	14.7	19.9
6 10	14 11.19	−11 18.4	1.458	2.293	18.2	20.2

96070 6078 P–L 5 1.4 210.°51 2.°9/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.27	− 8 23.8	2.451	3.330	9.5	20.9
4 11	14 50.51	− 7 15.0	2.376	3.323	6.7	20.7
4 21	14 43.37	− 6 3.4	2.328	3.315	3.9	20.5
5 1	14 35.49	− 4 53.6	2.310	3.306	3.1	20.4
5 11	14 27.59	− 3 50.8	2.320	3.297	5.4	20.6
5 21	14 20.37	− 2 58.9	2.359	3.286	8.4	20.7
5 31	14 14.43	− 2 21.0	2.423	3.276	11.2	20.9
6 10	14 10.20	− 1 58.4	2.508	3.264	13.6	21.0

346322 2008 QW_{41} 5 1.4 110.°98 5.°4/ 5.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.20	−30 7.3	1.889	2.718	14.1	20.7
4 11	14 54.56	−30 37.1	1.817	2.722	11.1	20.5
4 21	14 45.71	−30 49.0	1.769	2.726	8.0	20.3
5 1	14 35.59	−30 41.4	1.746	2.729	5.7	20.1
5 11	14 25.39	−30 16.3	1.749	2.733	6.0	20.2
5 21	14 16.26	−29 38.1	1.779	2.737	8.5	20.3
5 31	14 9.16	−28 53.3	1.833	2.740	11.6	20.5
6 10	14 4.65	−28 9.0	1.909	2.744	14.5	20.7

242126 2002 XX_{10} 5 1.4 99.°97 2.°6/29.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.10	− 7 44.2	2.099	2.981	10.8	20.5
4 11	14 51.93	− 7 30.2	2.035	2.983	7.6	20.3
4 21	14 44.16	− 7 16.2	1.997	2.985	4.3	20.1
5 1	14 35.53	− 7 5.3	1.987	2.988	2.7	20.0
5 11	14 26.92	− 7 0.5	2.004	2.990	5.2	20.1
5 21	14 19.15	− 7 4.2	2.049	2.992	8.5	20.3
5 31	14 12.91	− 7 18.0	2.119	2.995	11.7	20.5
6 10	14 8.66	− 7 42.3	2.210	2.997	14.3	20.7

357527 2004 RF_{144} 5 1.4 283°.79 0°.0/ 1.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 1.69	−15 35.0	1.380	2.266	15.0	20.5
4 11	14 55.51	−15 33.3	1.296	2.246	10.8	20.2
4 21	14 46.51	−15 22.7	1.234	2.225	5.8	19.9
5 1	14 35.63	−15 5.1	1.196	2.204	0.2	19.4
5 11	14 24.31	−14 44.8	1.184	2.183	5.5	19.7
5 21	14 14.03	−14 27.1	1.197	2.162	11.0	20.0
5 31	14 6.11	−14 17.4	1.232	2.140	16.0	20.2
6 10	14 1.34	−14 20.0	1.285	2.119	20.2	20.4

159218 2005 WU_{76} 5 1.4 48°.00 0°.6/ 1.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.65	−17 46.2	1.645	2.523	13.4	20.4
4 11	14 52.71	−17 34.9	1.582	2.527	9.5	20.1
4 21	14 44.70	−17 13.6	1.542	2.532	5.1	19.9
5 1	14 35.56	−16 44.7	1.529	2.536	0.7	19.6
5 11	14 26.44	−16 12.6	1.543	2.541	4.4	19.9
5 21	14 18.43	−15 42.3	1.582	2.546	8.8	20.1
5 31	14 12.41	−15 18.6	1.645	2.551	12.7	20.4
6 10	14 8.89	−15 5.2	1.728	2.556	16.1	20.6

112794 2002 PV_{164} 5 1.4 342°.76 0°.1/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.06	−16 12.1	1.138	2.040	16.3	19.1
4 11	14 51.67	−15 59.6	1.072	2.029	11.6	18.8
4 21	14 44.47	−15 35.4	1.027	2.020	6.1	18.5
5 1	14 35.55	−15 3.1	1.004	2.011	0.2	18.0
5 11	14 26.45	−14 28.8	1.004	2.004	5.8	18.4
5 21	14 18.68	−13 59.5	1.027	1.998	11.5	18.7
5 31	14 13.46	−13 41.6	1.070	1.993	16.5	18.9
6 10	14 11.48	−13 38.9	1.130	1.990	20.8	19.2

216576 2002 DY_{10} 5 1.4 146°.85 1°.4/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.60	−10 0.1	2.972	3.841	8.4	20.6
4 11	14 51.19	− 9 50.5	2.908	3.851	5.8	20.4
4 21	14 43.64	− 9 39.6	2.873	3.861	3.1	20.2
5 1	14 35.52	− 9 29.3	2.867	3.871	1.5	20.1
5 11	14 27.45	− 9 21.7	2.891	3.880	3.6	20.3
5 21	14 20.00	− 9 18.6	2.945	3.888	6.2	20.5
5 31	14 13.69	− 9 21.6	3.026	3.896	8.7	20.7
6 10	14 8.85	− 9 31.7	3.130	3.904	10.8	20.8

18048 1999 RG_{170} 5 1.4 168°.98 0°.1/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.08	−17 13.9	2.537	3.405	9.7	18.9
4 11	14 49.67	−16 48.8	2.465	3.406	6.8	18.7
4 21	14 42.93	−16 16.8	2.419	3.408	3.6	18.5
5 1	14 35.49	−15 40.0	2.401	3.409	0.2	18.2
5 11	14 28.06	−15 1.9	2.413	3.410	3.2	18.5
5 21	14 21.32	−14 25.8	2.453	3.411	6.5	18.7
5 31	14 15.84	−13 55.2	2.519	3.411	9.4	18.9
6 10	14 12.03	−13 32.6	2.607	3.412	11.9	19.1

213080 1999 TQ_{133} 5 1.4 292°.28 0°.3/ 1.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.40	−17 58.8	1.449	2.333	14.6	20.5
4 11	14 53.07	−17 31.1	1.362	2.311	10.5	20.2
4 21	14 45.16	−16 49.6	1.297	2.288	5.7	19.8
5 1	14 35.60	−15 57.3	1.257	2.265	0.5	19.4
5 11	14 25.69	−14 59.9	1.243	2.242	5.2	19.7
5 21	14 16.77	−14 4.9	1.254	2.219	10.5	19.9
5 31	14 10.02	−13 19.5	1.287	2.197	15.3	20.1
6 10	14 6.20	−12 49.2	1.339	2.174	19.5	20.3

152336 2005 UN_{51} 5 1.4 138°.85 1°.3/ 2.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 54.35	−22 29.2	2.486	3.341	10.3	19.8
4 11	14 49.19	−21 44.8	2.412	3.344	7.4	19.6
4 21	14 42.69	−20 48.9	2.364	3.347	4.3	19.4
5 1	14 35.49	−19 44.1	2.344	3.350	1.4	19.2
5 11	14 28.35	−18 34.7	2.354	3.352	3.1	19.3
5 21	14 21.96	−17 25.4	2.392	3.355	6.3	19.5
5 31	14 16.88	−16 21.1	2.457	3.357	9.3	19.7
6 10	14 13.51	−15 25.7	2.545	3.359	11.9	19.9

232402 2003 CG_{16} 5 1.4 86°.72 2°.8/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 52.05	− 4 57.6	3.187	4.066	7.6	21.0
4 11	14 47.25	− 4 13.7	3.141	4.085	5.4	20.9
4 21	14 41.56	− 3 31.3	3.122	4.105	3.4	20.8
5 1	14 35.45	− 2 53.1	3.133	4.124	3.0	20.8
5 11	14 29.44	− 2 22.1	3.173	4.142	4.5	20.9
5 21	14 23.98	− 2 0.1	3.241	4.161	6.6	21.0
5 31	14 19.47	− 1 48.3	3.334	4.180	8.6	21.2
6 10	14 16.19	− 1 47.0	3.449	4.198	10.3	21.4

381462 2008 RC_{104} 5 1.4 202°.06 2°.8/ 3.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.28	−24 20.4	1.891	2.746	13.0	21.3
4 11	14 52.38	−24 13.9	1.818	2.746	9.7	21.1
4 21	14 44.53	−23 52.7	1.768	2.745	6.0	20.9
5 1	14 35.58	−23 17.8	1.744	2.745	3.0	20.7
5 11	14 26.59	−22 32.9	1.748	2.744	4.3	20.8
5 21	14 18.58	−21 43.2	1.778	2.744	7.9	21.0
5 31	14 12.40	−20 54.7	1.833	2.743	11.5	21.2
6 10	14 8.56	−20 12.9	1.910	2.742	14.6	21.4

428865 2008 UF_{133} 5 1.4 215°.25 0°.1/ 1.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 58.63	−15 41.4	1.977	2.851	11.7	21.0
4 11	14 52.49	−15 33.2	1.905	2.849	8.2	20.7
4 21	14 44.55	−15 18.2	1.858	2.848	4.3	20.5
5 1	14 35.58	−14 58.6	1.838	2.846	0.2	20.1
5 11	14 26.57	−14 37.6	1.846	2.844	4.0	20.5
5 21	14 18.44	−14 19.0	1.882	2.841	8.0	20.7
5 31	14 11.98	−14 6.4	1.943	2.839	11.6	20.9
6 10	14 7.70	−14 2.6	2.024	2.837	14.6	21.1

308512 2005 UO_{27} 5 1.4 276°.42 0°.4/ 1.0 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 54.03	−17 23.2	2.334	3.206	10.2	20.9
4 11	14 49.10	−16 22.1	2.247	3.191	7.2	20.7
4 21	14 42.72	−15 10.9	2.186	3.176	3.7	20.5
5 1	14 35.51	−13 53.5	2.153	3.160	0.4	20.2
5 11	14 28.24	−12 34.9	2.150	3.145	3.8	20.4
5 21	14 21.66	−11 20.6	2.174	3.129	7.4	20.6
5 31	14 16.40	−10 15.6	2.225	3.113	10.6	20.8
6 10	14 12.91	− 9 23.4	2.298	3.098	13.5	20.9

179448 2002 AG_{159} 5 1.4 84°.61 3°.7/ 4.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.48	−28 21.2	2.319	3.152	11.7	20.1
4 11	14 50.87	−28 18.5	2.244	3.155	9.0	20.0
4 21	14 43.65	−28 0.9	2.193	3.157	6.2	19.8
5 1	14 35.54	−27 29.0	2.169	3.160	3.9	19.6
5 11	14 27.44	−26 45.6	2.172	3.163	4.3	19.7
5 21	14 20.16	−25 54.8	2.204	3.166	6.8	19.8
5 31	14 14.41	−25 2.0	2.261	3.168	9.7	20.0
6 10	14 10.64	−24 12.4	2.340	3.171	12.3	20.2

1551 Argelander 5 1.4 245°.95 2°.4/29.9 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.22	−11 5.9	1.598	2.486	13.2	16.0
4 11	14 53.20	−10 28.7	1.528	2.480	9.2	15.7
4 21	14 45.02	− 9 46.6	1.483	2.474	5.0	15.4
5 1	14 35.60	− 9 4.3	1.464	2.468	2.5	15.3
5 11	14 26.12	− 8 27.3	1.471	2.461	5.9	15.5
5 21	14 17.70	− 8 0.8	1.504	2.455	10.3	15.7
5 31	14 11.25	− 7 48.4	1.559	2.448	14.4	15.9
6 10	14 7.36	− 7 51.8	1.634	2.441	17.7	16.1

415097 2012 BG_{152} 5 1.4 78°.48 1°.3/ 2.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.64	−21 21.3	1.478	2.354	14.8	20.5
4 11	14 52.85	−20 42.2	1.419	2.361	10.7	20.3
4 21	14 44.81	−19 46.8	1.382	2.369	6.0	20.0
5 1	14 35.60	−18 38.9	1.370	2.376	1.5	19.8
5 11	14 26.50	−17 25.5	1.384	2.384	4.6	20.0
5 21	14 18.70	−16 14.3	1.424	2.391	9.3	20.3
5 31	14 13.10	−15 12.8	1.488	2.399	13.5	20.5
6 10	14 10.20	−14 26.2	1.571	2.406	17.1	20.8

189973 2003 XE_{11} 5 1.4 189°.34 0°.6/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.18	−23 13.0	1.689	2.540	14.5	21.5
4 11	14 58.65	−21 30.3	1.608	2.540	10.5	21.2
4 21	14 47.80	−19 24.5	1.553	2.538	5.7	20.9
5 1	14 35.72	−17 1.6	1.528	2.535	0.8	20.6
5 11	14 23.79	−14 32.3	1.534	2.530	4.8	20.9
5 21	14 13.22	−12 8.6	1.570	2.524	9.7	21.1
5 31	14 4.97	−10 1.4	1.632	2.515	14.1	21.4
6 10	13 59.53	− 8 17.4	1.716	2.505	17.7	21.6

34556 2000 SX_{265} 5 1.4 228°.02 2°.2/30.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.37	− 9 56.9	1.859	2.742	11.9	18.0
4 11	14 53.06	− 9 39.2	1.790	2.739	8.3	17.7
4 21	14 44.87	− 9 19.2	1.745	2.735	4.5	17.5
5 1	14 35.61	− 9 0.2	1.727	2.731	2.2	17.3
5 11	14 26.31	− 8 46.2	1.738	2.728	5.3	17.5
5 21	14 17.93	− 8 40.2	1.775	2.724	9.2	17.7
5 31	14 11.29	− 8 44.9	1.835	2.719	12.8	17.9
6 10	14 6.92	− 9 1.3	1.917	2.715	15.8	18.1

304700 2006 WF_{175} 5 1.4 303°.81 1°.2/ 2.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 54.84	−20 56.6	1.983	2.852	11.9	20.5
4 11	14 50.00	−20 23.1	1.891	2.830	8.7	20.2
4 21	14 43.32	−19 36.2	1.823	2.809	4.9	20.0
5 1	14 35.55	−18 38.4	1.781	2.787	1.3	19.7
5 11	14 27.60	−17 34.2	1.767	2.766	3.9	19.8
5 21	14 20.42	−16 29.5	1.781	2.745	7.9	20.0
5 31	14 14.81	−15 30.2	1.819	2.725	11.7	20.2
6 10	14 11.36	−14 41.5	1.878	2.704	15.0	20.4

181363 2006 RS_{93} 5 1.4 101°.32 1°.5/ 2.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.16	−21 20.2	2.397	3.252	10.6	21.4
4 11	14 51.15	−21 10.7	2.335	3.267	7.7	21.3
4 21	14 43.72	−20 51.5	2.299	3.281	4.4	21.1
5 1	14 35.56	−20 24.2	2.291	3.296	1.6	20.9
5 11	14 27.49	−19 51.7	2.312	3.310	3.3	21.0
5 21	14 20.23	−19 17.9	2.361	3.323	6.4	21.3
5 31	14 14.41	−18 46.4	2.436	3.337	9.4	21.5
6 10	14 10.42	−18 20.7	2.534	3.350	11.9	21.7

88012 2000 UY_{56} 5 1.4 315.°79 6.°8/ 4.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 1.61	−29 23.6	1.535	2.379	16.1	19.2
4 11	14 55.57	−30 25.5	1.450	2.362	12.9	18.9
4 21	14 46.62	−31 10.0	1.386	2.346	9.5	18.7
5 1	14 35.70	−31 32.9	1.347	2.330	7.0	18.5
5 11	14 24.25	−31 33.5	1.332	2.315	7.5	18.5
5 21	14 13.82	−31 15.3	1.341	2.300	10.6	18.6
5 31	14 5.79	−30 45.2	1.373	2.286	14.3	18.8
6 10	14 1.02	−30 12.1	1.424	2.272	17.8	19.0

128939 2004 TU_{110} 5 1.4 330.°08 5.°5/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.75	− 0 53.0	1.710	2.594	12.7	19.3
4 11	14 54.08	− 0 37.0	1.648	2.591	9.4	19.1
4 21	14 45.41	− 0 27.8	1.610	2.589	6.4	18.9
5 1	14 35.64	− 0 30.0	1.599	2.586	5.6	18.8
5 11	14 25.87	− 0 46.8	1.614	2.584	7.9	19.0
5 21	14 17.14	− 1 19.6	1.654	2.582	11.2	19.1
5 31	14 10.29	− 2 7.9	1.718	2.580	14.6	19.4
6 10	14 5.85	− 3 10.0	1.800	2.578	17.4	19.5

204693 2006 EM_1 5 1.4 264.°69 2.°1/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.98	−11 12.1	1.882	2.767	11.7	20.1
4 11	14 51.39	−10 34.5	1.810	2.761	8.1	19.9
4 21	14 44.00	− 9 52.5	1.763	2.754	4.4	19.6
5 1	14 35.59	− 9 10.2	1.743	2.747	2.2	19.5
5 11	14 27.13	− 8 32.5	1.750	2.740	5.3	19.6
5 21	14 19.54	− 8 3.8	1.784	2.733	9.1	19.9
5 31	14 13.61	− 7 47.3	1.842	2.726	12.7	20.1
6 10	14 9.85	− 7 44.8	1.919	2.719	15.7	20.2

71442 2000 AA_{230} 5 1.4 222.°89 4.°1/28.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.26	− 3 43.4	2.209	3.090	10.3	19.4
4 11	14 51.33	− 3 2.8	2.140	3.084	7.5	19.2
4 21	14 43.89	− 2 24.3	2.096	3.077	4.9	19.1
5 1	14 35.59	− 1 52.2	2.081	3.070	4.3	19.0
5 11	14 27.27	− 1 30.5	2.093	3.063	6.4	19.1
5 21	14 19.71	− 1 21.8	2.132	3.055	9.3	19.3
5 31	14 13.56	− 1 27.5	2.195	3.047	12.2	19.5
6 10	14 9.28	− 1 47.7	2.279	3.039	14.7	19.6

211478 2003 EA_{55} 5 1.4 341.°42 3.°9/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.79	− 4 22.6	2.106	2.991	10.6	20.0
4 11	14 51.03	− 3 55.4	2.043	2.990	7.6	19.8
4 21	14 43.73	− 3 30.7	2.005	2.989	4.8	19.6
5 1	14 35.59	− 3 12.1	1.995	2.988	4.0	19.5
5 11	14 27.46	− 3 3.2	2.012	2.987	6.1	19.7
5 21	14 20.13	− 3 6.3	2.055	2.986	9.2	19.9
5 31	14 14.29	− 3 22.4	2.123	2.986	12.1	20.0
6 10	14 10.36	− 3 51.4	2.211	2.985	14.7	20.2

200660 2001 TK_{45} 5 1.4 235.°51 0.°7/ 1.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.67	−19 20.8	1.631	2.503	13.9	20.7
4 11	14 54.35	−18 46.4	1.549	2.492	10.0	20.5
4 21	14 45.72	−17 57.9	1.492	2.480	5.4	20.2
5 1	14 35.69	−16 58.3	1.460	2.467	0.8	19.8
5 11	14 25.50	−15 53.2	1.456	2.454	4.6	20.1
5 21	14 16.37	−14 49.8	1.478	2.441	9.5	20.3
5 31	14 9.30	−13 55.0	1.524	2.426	13.8	20.5
6 10	14 4.91	−13 14.1	1.590	2.412	17.5	20.7

191552 2003 VC_8 5 1.4 197.°75 1.°6/ 2.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.91	−21 25.0	2.262	3.119	11.1	21.1
4 11	14 51.87	−21 12.6	2.184	3.117	8.1	20.9
4 21	14 44.20	−20 49.5	2.131	3.114	4.7	20.7
5 1	14 35.62	−20 17.1	2.107	3.111	1.7	20.5
5 11	14 27.01	−19 38.8	2.111	3.108	3.5	20.6
5 21	14 19.18	−18 58.5	2.142	3.105	7.0	20.8
5 31	14 12.86	−18 20.9	2.200	3.101	10.2	21.0
6 10	14 8.52	−17 49.8	2.280	3.097	13.0	21.2

19034 Santorini 5 1.4 167.°60 0.°1/ 1.2 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 51.78	−15 32.7	4.045	4.908	6.5	19.9
4 11	14 47.02	−15 14.2	3.972	4.911	4.5	19.7
4 21	14 41.47	−14 52.0	3.926	4.915	2.3	19.6
5 1	14 35.51	−14 27.7	3.910	4.918	0.2	19.4
5 11	14 29.56	−14 3.2	3.925	4.921	2.2	19.6
5 21	14 24.02	−13 40.2	3.970	4.923	4.4	19.7
5 31	14 19.23	−13 20.6	4.042	4.926	6.4	19.9
6 10	14 15.48	−13 6.0	4.139	4.927	8.1	20.0

384066 2008 UA_{337} 5 1.4 330.°78 2.°6/ 3.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.51	−24 9.4	1.758	2.620	13.5	20.7
4 11	14 51.28	−23 51.2	1.683	2.615	10.0	20.5
4 21	14 44.03	−23 16.8	1.631	2.611	6.2	20.2
5 1	14 35.62	−22 27.9	1.604	2.607	2.9	20.0
5 11	14 27.15	−21 29.1	1.605	2.603	4.3	20.1
5 21	14 19.69	−20 26.6	1.631	2.599	8.2	20.3
5 31	14 14.11	−19 27.2	1.682	2.596	12.1	20.5
6 10	14 10.94	−18 36.8	1.754	2.593	15.4	20.7

21277 1996 TO_5 5 1.4 128.°57 6.°5/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 0.56	+ 4 29.4	2.458	3.321	10.1	21.3
4 11	14 53.25	+ 5 59.4	2.427	3.347	8.0	21.2
4 21	14 44.72	+ 7 20.6	2.423	3.372	6.6	21.2
5 1	14 35.65	+ 8 27.4	2.448	3.396	6.8	21.2
5 11	14 26.80	+ 9 15.8	2.502	3.418	8.3	21.3
5 21	14 18.86	+ 9 44.0	2.582	3.440	10.4	21.5
5 31	14 12.35	+ 9 52.2	2.685	3.459	12.3	21.7
6 10	14 7.60	+ 9 42.4	2.807	3.478	14.0	21.8

112895 2002 QQ_{48} 5 1.4 203.°64 0.°9/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.20	−13 44.6	2.216	3.091	10.6	20.4
4 11	14 51.33	−13 18.7	2.143	3.089	7.4	20.2
4 21	14 43.91	−12 47.4	2.095	3.086	3.8	20.0
5 1	14 35.62	−12 13.6	2.076	3.083	0.9	19.8
5 11	14 27.31	−11 41.1	2.085	3.079	4.1	20.0
5 21	14 19.78	−11 13.4	2.122	3.075	7.6	20.2
5 31	14 13.70	−10 53.9	2.185	3.071	10.9	20.4
6 10	14 9.52	−10 44.7	2.269	3.067	13.7	20.6

392930 2012 VX_{107} 5 1.4 237.°99 1.°6/ 2.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.72	−22 39.1	2.149	3.008	11.5	21.2
4 11	14 50.39	−22 7.2	2.073	3.006	8.4	21.0
4 21	14 43.44	−21 22.3	2.022	3.005	4.9	20.7
5 1	14 35.60	−20 26.8	1.998	3.003	1.8	20.5
5 11	14 27.78	−19 24.9	2.003	3.001	3.6	20.6
5 21	14 20.78	−18 22.1	2.035	2.999	7.1	20.9
5 31	14 15.32	−17 23.6	2.092	2.997	10.5	21.1
6 10	14 11.85	−16 34.1	2.172	2.996	13.4	21.2

213821 2003 QO_{52} 5 1.4 306.°64 2.°6/ 2.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.92	−20 43.6	1.271	2.153	16.3	20.1
4 11	14 54.66	−21 0.4	1.181	2.126	12.1	19.7
4 21	14 46.29	−21 3.0	1.113	2.099	7.2	19.4
5 1	14 35.75	−20 51.0	1.067	2.072	2.8	19.0
5 11	14 24.54	−20 27.3	1.046	2.046	5.7	19.1
5 21	14 14.34	−19 57.3	1.048	2.019	11.2	19.3
5 31	14 6.66	−19 29.0	1.071	1.994	16.6	19.5
6 10	14 2.47	−19 9.5	1.112	1.969	21.2	19.7

332891 2011 AU_{77} 5 1.4 98.°52 3.°3/29.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.47	− 7 54.8	1.777	2.663	12.2	21.2
4 11	14 52.98	− 7 13.9	1.730	2.680	8.5	21.0
4 21	14 44.75	− 6 32.6	1.708	2.696	4.9	20.8
5 1	14 35.67	− 5 55.5	1.712	2.712	3.4	20.8
5 11	14 26.78	− 5 27.3	1.744	2.727	6.1	21.0
5 21	14 18.99	− 5 11.4	1.802	2.742	9.7	21.2
5 31	14 13.02	− 5 9.7	1.884	2.757	13.0	21.4
6 10	14 9.28	− 5 22.4	1.985	2.772	15.7	21.7

69938 1998 US_{23} 5 1.4 197.°35 1.°0/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.77	−12 48.5	2.314	3.186	10.3	19.9
4 11	14 52.39	−12 37.3	2.239	3.184	7.2	19.7
4 21	14 44.46	−12 22.1	2.191	3.181	3.7	19.5
5 1	14 35.67	−12 5.2	2.172	3.178	1.0	19.2
5 11	14 26.83	−11 49.6	2.181	3.175	4.0	19.5
5 21	14 18.74	−11 38.1	2.219	3.171	7.4	19.7
5 31	14 12.08	−11 33.2	2.283	3.167	10.6	19.9
6 10	14 7.31	−11 36.9	2.368	3.162	13.3	20.0

192701 1999 TB_{63} 5 1.4 179.°55 0.°1/ 1.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.85	−16 18.6	2.090	2.962	11.2	20.9
4 11	14 51.86	−15 55.8	2.019	2.963	7.9	20.6
4 21	14 44.21	−15 25.5	1.974	2.964	4.1	20.4
5 1	14 35.65	−14 50.1	1.956	2.964	0.2	20.1
5 11	14 27.09	−14 13.8	1.967	2.964	3.9	20.4
5 21	14 19.38	−13 40.5	2.005	2.963	7.7	20.6
5 31	14 13.24	−13 14.1	2.069	2.963	11.1	20.8
6 10	14 9.14	−12 57.5	2.154	2.962	14.0	21.0

332608 2008 TH_6 5 1.4 180.°76 1.°9/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.30	−11 45.1	2.324	3.202	10.0	21.2
4 11	14 50.60	−10 50.0	2.256	3.203	7.0	21.0
4 21	14 43.48	− 9 50.2	2.214	3.204	3.7	20.8
5 1	14 35.62	− 8 50.0	2.200	3.204	2.0	20.7
5 11	14 27.80	− 7 54.0	2.216	3.203	4.6	20.9
5 21	14 20.73	− 7 6.5	2.260	3.203	7.9	21.1
5 31	14 15.03	− 6 30.6	2.329	3.201	10.9	21.2
6 10	14 11.10	− 6 8.2	2.420	3.199	13.4	21.4

279364 2010 AF_{60} 5 1.4 158.°11 0.°9/ 2.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.56	−18 19.8	1.937	2.805	12.2	20.9
4 11	14 53.20	−18 18.7	1.867	2.807	8.7	20.7
4 21	14 44.97	−18 8.6	1.822	2.809	4.8	20.5
5 1	14 35.69	−17 51.1	1.804	2.811	1.0	20.2
5 11	14 26.39	−17 29.4	1.814	2.812	3.9	20.4
5 21	14 18.02	−17 7.4	1.851	2.813	7.9	20.6
5 31	14 11.40	−16 49.2	1.913	2.815	11.5	20.9
6 10	14 7.04	−16 38.4	1.997	2.816	14.5	21.1

344391 2001 YQ_{37} 5 1.4 91°.27 5°.7/27.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 58.12	+ 2 35.2	2.257	3.130	10.5	20.3
4 11	14 51.79	+ 3 1.9	2.207	3.139	8.0	20.2
4 21	14 44.07	+ 3 20.7	2.183	3.149	6.1	20.1
5 1	14 35.65	+ 3 27.8	2.186	3.158	5.8	20.1
5 11	14 27.35	+ 3 20.7	2.217	3.166	7.4	20.2
5 21	14 19.89	+ 2 58.4	2.274	3.175	9.8	20.3
5 31	14 13.87	+ 2 21.3	2.354	3.184	12.2	20.5
6 10	14 9.67	+ 1 31.2	2.455	3.193	14.3	20.7

128015 2003 JR_{11} 5 1.4 271°.41 3°.6/28.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.97	− 4 33.1	2.324	3.206	9.9	19.6
4 11	14 50.41	− 4 3.5	2.253	3.199	7.1	19.4
4 21	14 43.42	− 3 35.7	2.208	3.191	4.5	19.2
5 1	14 35.63	− 3 13.3	2.191	3.183	3.7	19.2
5 11	14 27.81	− 2 59.6	2.201	3.176	5.8	19.3
5 21	14 20.67	− 2 57.1	2.239	3.168	8.7	19.4
5 31	14 14.86	− 3 7.1	2.301	3.160	11.5	19.6
6 10	14 10.80	− 3 29.6	2.384	3.152	13.9	19.8

17417 1988 RY_{10} 5 1.5 240°.16 0°.5/30.7 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 48.98	−13 35.5	4.551	5.420	5.7	18.9
4 11	14 45.05	−13 15.6	4.472	5.415	3.9	18.8
4 21	14 40.46	−12 53.3	4.420	5.410	2.0	18.6
5 1	14 35.50	−12 30.0	4.399	5.405	0.5	18.5
5 11	14 30.54	−12 7.2	4.407	5.400	2.2	18.6
5 21	14 25.90	−11 46.7	4.445	5.395	4.1	18.8
5 31	14 21.88	−11 29.9	4.510	5.390	5.9	18.9
6 10	14 18.74	−11 18.0	4.600	5.385	7.4	19.0

111047 2001 VK_{36} 5 1.5 208°.81 0°.3/ 1.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.45	−15 36.2	2.183	3.053	11.0	20.3
4 11	14 52.98	−15 15.9	2.104	3.047	7.7	20.1
4 21	14 44.82	−14 48.6	2.051	3.040	4.0	19.8
5 1	14 35.70	−14 16.7	2.026	3.033	0.3	19.5
5 11	14 26.50	−13 44.0	2.030	3.025	3.9	19.8
5 21	14 18.09	−13 14.1	2.062	3.017	7.7	20.0
5 31	14 11.22	−12 51.0	2.119	3.008	11.1	20.2
6 10	14 6.37	−12 37.2	2.199	2.999	14.0	20.4

332747 2009 TM_{23} 5 1.5 223°.90 0°.2/ 1.6 17 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.78	−18 18.1	1.960	2.831	11.9	20.8
4 11	14 51.96	−17 39.6	1.882	2.825	8.5	20.6
4 21	14 44.33	−16 50.1	1.829	2.818	4.5	20.4
5 1	14 35.67	−15 52.9	1.804	2.811	0.3	20.0
5 11	14 26.97	−14 53.1	1.806	2.804	4.0	20.3
5 21	14 19.15	−13 56.0	1.836	2.796	8.1	20.5
5 31	14 13.00	−13 7.1	1.891	2.788	11.8	20.7
6 10	14 9.03	−12 30.3	1.967	2.780	15.0	20.9

85287 1994 PM_{29} 5 1.5 245°.13 1°.2/ 2.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.77	−20 59.0	2.591	3.447	9.9	20.1
4 11	14 50.28	−20 38.1	2.501	3.434	7.2	19.9
4 21	14 43.37	−20 7.5	2.437	3.421	4.1	19.7
5 1	14 35.63	−19 28.9	2.402	3.407	1.3	19.4
5 11	14 27.81	−18 45.3	2.395	3.393	3.1	19.6
5 21	14 20.62	−18 0.5	2.418	3.379	6.3	19.7
5 31	14 14.69	−17 18.4	2.467	3.365	9.4	19.9
6 10	14 10.46	−16 42.8	2.538	3.350	12.0	20.1

349910 2009 HQ_{9} 5 1.5 147°.27 6°.2/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.61	+ 6 45.5	2.536	3.393	10.1	20.6
4 11	14 53.42	+ 7 0.3	2.481	3.398	8.0	20.5
4 21	14 44.89	+ 7 5.1	2.453	3.403	6.5	20.4
5 1	14 35.70	+ 6 56.4	2.452	3.407	6.4	20.4
5 11	14 26.61	+ 6 32.3	2.480	3.412	7.7	20.5
5 21	14 18.31	+ 5 52.9	2.535	3.416	9.7	20.6
5 31	14 11.38	+ 4 59.2	2.615	3.420	11.8	20.8
6 10	14 6.20	+ 3 53.3	2.715	3.423	13.7	20.9

212631 Hsinchu 5 1.5 194°.04 2°.0/29.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 54.52	−11 23.1	2.365	3.246	9.8	20.4
4 11	14 49.35	−10 29.5	2.296	3.245	6.8	20.2
4 21	14 42.84	− 9 31.7	2.253	3.244	3.6	20.0
5 1	14 35.61	− 8 33.8	2.239	3.243	2.0	19.8
5 11	14 28.41	− 7 40.4	2.254	3.241	4.6	20.0
5 21	14 21.91	− 6 55.4	2.297	3.240	7.7	20.2
5 31	14 16.71	− 6 21.9	2.364	3.238	10.7	20.4
6 10	14 13.21	− 6 1.5	2.453	3.236	13.2	20.6

249221 2008 EZ_{99} 5 1.5 106°.56 0°.2/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.80	−15 13.6	2.468	3.331	10.1	20.0
4 11	14 53.70	−15 33.6	2.403	3.342	7.1	19.8
4 21	14 45.11	−15 49.0	2.365	3.353	3.8	19.6
5 1	14 35.72	−16 0.7	2.356	3.363	0.3	19.4
5 11	14 26.35	−16 10.2	2.377	3.374	3.3	19.6
5 21	14 17.76	−16 19.3	2.428	3.384	6.6	19.9
5 31	14 10.60	−16 30.4	2.505	3.395	9.6	20.1
6 10	14 5.30	−16 45.3	2.605	3.405	12.1	20.3

118757 2000 QE_{207} 5 1.5 191°.46 3°.7/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 58.40	−29 7.0	2.775	3.594	10.4	20.6
4 11	14 52.11	−29 19.9	2.692	3.592	8.1	20.4
4 21	14 44.33	−29 20.1	2.633	3.590	5.7	20.2
5 1	14 35.69	−29 7.4	2.603	3.588	3.9	20.1
5 11	14 26.99	−28 43.4	2.601	3.586	4.2	20.1
5 21	14 18.96	−28 11.0	2.627	3.583	6.2	20.3
5 31	14 12.26	−27 34.3	2.681	3.580	8.7	20.4
6 10	14 7.35	−26 57.8	2.758	3.576	11.0	20.6

138371 2000 GK_{144} 5 1.5 288°.46 0°.4/ 1.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.74	−17 40.0	2.004	2.877	11.6	20.3
4 11	14 51.24	−17 23.1	1.926	2.869	8.3	20.1
4 21	14 43.98	−16 57.3	1.872	2.861	4.4	19.8
5 1	14 35.69	−16 24.8	1.846	2.854	0.5	19.5
5 11	14 27.32	−15 49.5	1.848	2.846	3.9	19.8
5 21	14 19.77	−15 15.8	1.876	2.838	7.8	20.0
5 31	14 13.82	−14 47.8	1.930	2.831	11.4	20.2
6 10	14 9.98	−14 29.1	2.004	2.823	14.5	20.4

508501 2016 QP_{15} 5 1.5 265°.46 0°.3/ 1.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 54.86	−19 7.1	2.167	3.037	11.0	21.1
4 11	14 49.76	−18 17.7	2.091	3.033	7.8	20.9
4 21	14 43.13	−17 17.4	2.041	3.029	4.2	20.6
5 1	14 35.65	−16 9.8	2.018	3.026	0.4	20.3
5 11	14 28.18	−14 59.7	2.024	3.022	3.6	20.6
5 21	14 21.51	−13 52.7	2.058	3.018	7.4	20.8
5 31	14 16.30	−12 53.8	2.117	3.014	10.7	21.0
6 10	14 12.99	−12 6.7	2.198	3.011	13.6	21.2

281151 2007 DY_{65} 5 1.5 355°.65 5°.1/27.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.70	− 5 41.8	1.458	2.358	13.4	20.3
4 11	14 50.79	− 4 34.5	1.401	2.356	9.6	20.0
4 21	14 43.81	− 3 27.3	1.368	2.354	6.2	19.8
5 1	14 35.69	− 2 27.8	1.359	2.353	5.4	19.8
5 11	14 27.60	− 1 43.2	1.376	2.352	8.2	19.9
5 21	14 20.63	− 1 18.1	1.416	2.352	12.1	20.1
5 31	14 15.63	− 1 14.9	1.477	2.352	15.8	20.4
6 10	14 13.12	− 1 32.7	1.556	2.353	18.9	20.6

426382 2013 PM_{17} 5 1.5 288°.41 1°.7/30.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.37	−13 13.0	1.541	2.430	13.5	21.0
4 11	14 52.88	−12 37.2	1.458	2.411	9.6	20.8
4 21	14 45.05	−11 53.3	1.399	2.391	5.0	20.4
5 1	14 35.75	−11 5.5	1.365	2.371	1.7	20.2
5 11	14 26.19	−10 19.9	1.357	2.351	5.7	20.4
5 21	14 17.58	− 9 42.6	1.374	2.331	10.6	20.6
5 31	14 10.97	− 9 18.7	1.414	2.311	15.0	20.8
6 10	14 7.05	− 9 11.3	1.472	2.291	18.8	21.0

199313 2006 BZ_{101} 5 1.5 293°.76 7°.6/ 6.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.43	−35 11.8	1.809	2.619	15.4	19.4
4 11	14 54.46	−35 48.8	1.721	2.605	12.8	19.2
4 21	14 45.95	−36 3.9	1.654	2.591	10.0	19.0
5 1	14 35.80	−35 53.8	1.610	2.577	8.0	18.9
5 11	14 25.32	−35 19.0	1.592	2.563	7.9	18.8
5 21	14 15.86	−34 24.1	1.599	2.550	9.8	18.9
5 31	14 8.57	−33 16.7	1.629	2.536	12.8	19.0
6 10	14 4.18	−32 6.2	1.680	2.523	15.8	19.2

200095 1994 SY_{12} 5 1.5 136°.76 0°.1/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.25	−16 49.1	1.508	2.386	14.4	20.8
4 11	14 55.40	−16 33.0	1.447	2.393	10.2	20.6
4 21	14 46.24	−16 6.7	1.410	2.400	5.4	20.3
5 1	14 35.81	−15 33.2	1.398	2.406	0.3	19.9
5 11	14 25.44	−14 57.5	1.414	2.412	4.8	20.3
5 21	14 16.35	−14 25.2	1.455	2.417	9.6	20.6
5 31	14 9.51	−14 1.4	1.519	2.422	13.8	20.8
6 10	14 5.45	−13 49.7	1.603	2.427	17.3	21.1

192786 1999 UW_{30} 5 1.5 223°.54 1°.5/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.00	−12 51.6	2.238	3.115	10.4	21.6
4 11	14 51.23	−12 7.5	2.160	3.106	7.3	21.4
4 21	14 43.91	−11 17.7	2.107	3.097	3.8	21.1
5 1	14 35.71	−10 26.0	2.083	3.088	1.5	20.9
5 11	14 27.46	− 9 36.7	2.087	3.078	4.4	21.1
5 21	14 19.95	− 8 54.2	2.119	3.067	8.0	21.3
5 31	14 13.85	− 8 22.1	2.177	3.056	11.2	21.5
6 10	14 9.64	− 8 2.7	2.256	3.045	14.0	21.7

61496 2000 QO_{49} 5 1.5 117°.70 5°.4/27.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.14	− 2 49.0	1.837	2.725	11.7	18.9
4 11	14 51.38	− 1 36.8	1.787	2.733	8.6	18.7
4 21	14 43.97	− 0 27.8	1.762	2.741	6.0	18.6
5 1	14 35.72	+ 0 31.4	1.765	2.748	5.7	18.6
5 11	14 27.58	+ 1 15.3	1.794	2.756	7.9	18.7
5 21	14 20.44	+ 1 40.4	1.848	2.763	11.0	18.9
5 31	14 14.96	+ 1 45.5	1.924	2.770	13.9	19.1
6 10	14 11.58	+ 1 31.8	2.019	2.777	16.4	19.3

303756 2005 QE_{127} 5 1.5 234°.32 4°.0/27.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 54.20	− 4 2.1	2.442	3.326	9.4	21.3
4 11	14 49.13	− 3 0.7	2.374	3.319	6.8	21.1
4 21	14 42.75	− 2 0.4	2.332	3.313	4.6	20.9
5 1	14 35.67	− 1 5.8	2.319	3.306	4.2	20.9
5 11	14 28.57	− 0 21.2	2.334	3.299	6.2	21.0
5 21	14 22.13	+ 0 10.1	2.375	3.292	8.8	21.2
5 31	14 16.91	+ 0 26.4	2.441	3.284	11.4	21.3
6 10	14 13.32	+ 0 27.2	2.527	3.277	13.7	21.5

203823 Zdanavicius 5 1.5 133°.02 0°.4/ 1.1 17

4 1	14 57.53	−15 3.9	2.121	2.996	11.0	21.1
4 11	14 51.61	−14 45.6	2.055	3.000	7.7	20.9
4 21	14 44.10	−14 21.0	2.013	3.004	4.0	20.7
5 1	14 35.73	−13 52.9	2.000	3.007	0.4	20.4
5 11	14 27.38	−13 24.8	2.015	3.011	3.9	20.7
5 21	14 19.87	−13 0.3	2.058	3.015	7.6	20.9
5 31	14 13.89	−12 42.8	2.125	3.018	10.9	21.1
6 10	14 9.90	−12 34.6	2.215	3.021	13.7	21.3

85628 1998 KV_2 5 1.5 62°.70 12°.3/ 1.7 18

4 1	15 35.45	+ 9 25.4	0.471	1.371	31.2	17.5
4 11	15 18.14	+ 8 3.9	0.473	1.419	23.2	17.3
4 21	14 57.21	+ 6 7.5	0.490	1.467	15.9	17.2
5 1	14 36.25	+ 3 40.1	0.525	1.515	12.3	17.3
5 11	14 18.62	+ 0 55.0	0.581	1.561	14.6	17.7
5 21	14 6.10	− 1 53.1	0.655	1.607	19.3	18.2
5 31	13 59.11	− 4 35.6	0.745	1.651	23.7	18.7
6 10	13 57.15	− 7 8.9	0.849	1.693	27.2	19.1

274535 2008 SA_{236} 5 1.5 302°.82 1°.6/ 2.6 17

4 1	14 58.34	−20 30.6	1.763	2.632	13.1	20.9
4 11	14 52.60	−20 26.0	1.687	2.627	9.5	20.7
4 21	14 44.79	−20 9.4	1.636	2.621	5.5	20.4
5 1	14 35.77	−19 42.3	1.610	2.615	1.8	20.1
5 11	14 26.65	−19 8.5	1.611	2.610	4.2	20.3
5 21	14 18.49	−18 32.7	1.639	2.605	8.4	20.5
5 31	14 12.20	−18 0.6	1.691	2.600	12.3	20.8
6 10	14 8.36	−17 36.6	1.763	2.595	15.6	21.0

391283 2006 ST_{188} 5 1.5 183°.11 5°.6/24.4 18

4 1	14 54.33	+ 4 53.5	2.996	3.863	8.4	22.2
4 11	14 48.99	+ 6 5.2	2.942	3.863	6.7	22.1
4 21	14 42.60	+ 7 10.5	2.915	3.863	5.7	22.0
5 1	14 35.67	+ 8 5.0	2.916	3.863	5.9	22.0
5 11	14 28.78	+ 8 45.5	2.945	3.861	7.2	22.1
5 21	14 22.44	+ 9 9.9	3.000	3.860	9.0	22.2
5 31	14 17.14	+ 9 17.8	3.079	3.857	10.8	22.4
6 10	14 13.20	+ 9 9.9	3.176	3.855	12.4	22.5

15706 1988 CE_2 5 1.5 228°.80 4°.2/ 4.3 18

4 1	15 2.19	−27 14.8	1.716	2.561	14.6	18.2
4 11	14 55.53	−27 17.1	1.632	2.551	11.2	18.0
4 21	14 46.44	−27 0.7	1.571	2.542	7.5	17.7
5 1	14 35.86	−26 25.1	1.536	2.532	4.5	17.5
5 11	14 25.08	−25 33.5	1.527	2.521	5.3	17.6
5 21	14 15.37	−24 32.0	1.545	2.510	9.0	17.7
5 31	14 7.82	−23 28.5	1.587	2.498	12.9	17.9
6 10	14 3.06	−22 30.6	1.650	2.485	16.4	18.1

494889 2008 SH_{185} 5 1.5 150°.38 1°.9/ 4.2 18

4 1	14 52.92	−25 44.3	4.231	5.058	7.0	22.8
4 11	14 47.85	−25 38.8	4.156	5.067	5.2	22.6
4 21	14 41.97	−25 25.8	4.108	5.075	3.4	22.5
5 1	14 35.65	−25 6.1	4.088	5.083	2.0	22.4
5 11	14 29.35	−24 41.1	4.099	5.091	2.4	22.5
5 21	14 23.48	−24 12.9	4.140	5.099	4.0	22.6
5 31	14 18.41	−23 43.7	4.209	5.106	5.8	22.7
6 10	14 14.41	−23 15.8	4.303	5.113	7.5	22.9

431871 2008 SS_{151} 5 1.5 212°.65 2°.8/ 3.6 18

4 1	15 1.47	−24 35.0	2.485	3.321	10.9	21.7
4 11	14 54.41	−24 50.5	2.396	3.313	8.2	21.5
4 21	14 45.64	−24 54.8	2.333	3.305	5.3	21.3
5 1	14 35.82	−24 47.9	2.298	3.296	3.0	21.1
5 11	14 25.85	−24 31.3	2.293	3.286	3.9	21.1
5 21	14 16.58	−24 8.0	2.316	3.275	6.8	21.3
5 31	14 8.78	−23 42.2	2.367	3.264	9.8	21.5
6 10	14 2.98	−23 18.2	2.441	3.252	12.4	21.6

210903 2001 SD_{205} 5 1.5 203°.53 3°.8/27.6 18

4 1	14 54.75	− 5 12.5	2.362	3.245	9.7	21.3
4 11	14 49.53	− 4 7.4	2.296	3.243	6.9	21.1
4 21	14 42.97	− 3 2.5	2.258	3.240	4.5	20.9
5 1	14 35.70	− 2 2.7	2.247	3.237	4.0	20.9
5 11	14 28.45	− 1 12.7	2.266	3.234	6.1	21.0
5 21	14 21.89	− 0 35.9	2.310	3.230	8.9	21.2
5 31	14 16.61	− 0 14.4	2.379	3.227	11.5	21.3
6 10	14 13.02	− 0 8.6	2.469	3.223	13.8	21.5

411256 2010 RU_{118} 5 1.5 96°.96 0°.6/ 1.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 2.58	−13 59.9	1.627	2.506	13.5	20.8
4 11	14 55.41	−13 55.7	1.574	2.521	9.4	20.6
4 21	14 46.16	−13 45.5	1.546	2.536	4.9	20.4
5 1	14 35.84	−13 31.8	1.543	2.551	0.6	20.1
5 11	14 25.67	−13 18.5	1.569	2.565	4.7	20.4
5 21	14 16.74	−13 9.2	1.621	2.579	9.1	20.7
5 31	14 9.91	−13 7.5	1.696	2.593	13.0	21.0
6 10	14 5.66	−13 15.5	1.792	2.606	16.1	21.2

381537 2008 SO_{301} 5 1.5 131°.65 3°.4/ 4.2 17

4 1	15 0.21	−26 33.2	2.209	3.046	12.1	21.3
4 11	14 53.55	−26 40.7	2.141	3.056	9.2	21.1
4 21	14 45.15	−26 34.2	2.097	3.065	6.0	20.9
5 1	14 35.80	−26 14.0	2.080	3.075	3.6	20.8
5 11	14 26.48	−25 42.6	2.092	3.084	4.3	20.8
5 21	14 18.10	−25 4.2	2.131	3.093	7.1	21.0
5 31	14 11.38	−24 23.9	2.197	3.101	10.1	21.2
6 10	14 6.82	−23 46.7	2.285	3.109	12.8	21.4

424060 2007 CV_{13} 5 1.5 107°.71 0°.0/ 1.5 18

4 1	14 59.93	−17 36.0	1.908	2.778	12.3	21.3
4 11	14 53.29	−17 0.2	1.856	2.798	8.6	21.1
4 21	14 44.95	−16 15.1	1.829	2.818	4.5	20.9
5 1	14 35.79	−15 24.1	1.829	2.837	0.2	20.5
5 11	14 26.83	−14 32.4	1.858	2.855	4.0	20.9
5 21	14 18.96	−13 45.0	1.914	2.873	7.9	21.2
5 31	14 12.89	−13 6.3	1.996	2.890	11.4	21.4
6 10	14 9.01	−12 39.2	2.098	2.907	14.3	21.6

276528 2003 RA_{26} 5 1.5 309°.17 0°.7/ 2.0 16

4 1	14 55.66	−20 45.8	1.586	2.464	13.9	20.8
4 11	14 51.13	−19 50.9	1.483	2.428	10.1	20.4
4 21	14 44.23	−18 36.5	1.403	2.392	5.6	20.1
5 1	14 35.77	−17 5.8	1.349	2.356	0.9	19.7
5 11	14 26.91	−15 25.6	1.321	2.321	4.8	19.8
5 21	14 18.86	−13 45.2	1.319	2.285	10.0	20.0
5 31	14 12.75	−12 14.3	1.341	2.250	14.8	20.2
6 10	14 9.32	−11 0.3	1.381	2.215	19.1	20.4

111623 2002 AK_{120} 5 1.5 63°.38 1°.3/30.4 18

4 1	14 55.60	−12 40.4	2.178	3.058	10.5	19.6
4 11	14 50.19	−12 11.6	2.118	3.066	7.3	19.4
4 21	14 43.34	−11 38.5	2.083	3.074	3.8	19.2
5 1	14 35.73	−11 4.3	2.077	3.083	1.3	19.0
5 11	14 28.19	−10 33.0	2.098	3.091	4.2	19.2
5 21	14 21.45	−10 7.9	2.147	3.099	7.6	19.5
5 31	14 16.15	− 9 51.8	2.221	3.108	10.7	19.7
6 10	14 12.70	− 9 46.5	2.316	3.116	13.3	19.9

304745 2006 YR_3 5 1.5 298°.57 2°.4/29.7 17

4 1	14 56.56	− 8 48.5	2.183	3.066	10.4	20.4
4 11	14 50.93	− 8 27.2	2.114	3.062	7.3	20.2
4 21	14 43.77	− 8 4.8	2.070	3.059	4.0	20.0
5 1	14 35.75	− 7 44.4	2.053	3.055	2.4	19.9
5 11	14 27.72	− 7 29.4	2.065	3.052	4.9	20.0
5 21	14 20.43	− 7 22.5	2.104	3.048	8.2	20.2
5 31	14 14.57	− 7 25.7	2.168	3.045	11.3	20.4
6 10	14 10.59	− 7 40.1	2.252	3.042	14.0	20.6

519716 2013 BY_{83} 5 1.5 310°.25 4°.8/27.1 17

4 1	14 54.76	− 1 19.3	2.304	3.187	9.9	21.4
4 11	14 49.56	− 0 30.7	2.243	3.185	7.3	21.2
4 21	14 43.00	+ 0 13.9	2.209	3.184	5.2	21.1
5 1	14 35.73	+ 0 50.2	2.202	3.183	5.0	21.0
5 11	14 28.47	+ 1 14.2	2.222	3.182	6.8	21.2
5 21	14 21.94	+ 1 23.6	2.269	3.180	9.4	21.3
5 31	14 16.71	+ 1 17.5	2.339	3.179	11.9	21.5
6 10	14 13.19	+ 0 56.3	2.428	3.178	14.2	21.6

406340 2007 RZ_{67} 5 1.5 131°.98 2°.7/29.5 18

4 1	15 0.84	−10 24.7	1.770	2.652	12.4	21.7
4 11	14 54.01	− 9 31.0	1.718	2.667	8.6	21.5
4 21	14 45.37	− 8 33.6	1.691	2.681	4.7	21.3
5 1	14 35.83	− 7 38.0	1.691	2.694	2.8	21.2
5 11	14 26.47	− 6 49.7	1.720	2.706	5.8	21.4
5 21	14 18.24	− 6 13.3	1.775	2.718	9.6	21.6
5 31	14 11.89	− 5 51.8	1.854	2.729	13.1	21.9
6 10	14 7.84	− 5 46.3	1.953	2.739	16.0	22.1

472725 2015 FP_{72} 5 1.5 285°.30 1°.0/30.8 17

4 1	14 57.06	−13 45.8	1.972	2.852	11.4	21.7
4 11	14 51.45	−13 22.7	1.900	2.849	8.0	21.4
4 21	14 44.10	−12 53.9	1.854	2.845	4.2	21.2
5 1	14 35.78	−12 22.3	1.834	2.841	1.0	20.9
5 11	14 27.42	−11 52.1	1.842	2.837	4.4	21.2
5 21	14 19.90	−11 27.2	1.877	2.833	8.3	21.4
5 31	14 13.99	−11 11.1	1.937	2.829	11.8	21.6
6 10	14 10.17	−11 6.0	2.017	2.826	14.8	21.8

101078 1998 RF_{24} 5 1.5 298.°51 5.°6/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 57.45	− 5 12.3	1.444	2.342	13.7	19.5
4 11	14 52.36	− 4 2.9	1.363	2.316	10.0	19.2
4 21	14 44.86	− 2 51.4	1.304	2.289	6.6	19.0
5 1	14 35.82	− 1 45.9	1.270	2.263	5.9	18.9
5 11	14 26.46	− 0 54.7	1.261	2.236	9.0	19.0
5 21	14 18.01	− 0 24.2	1.276	2.210	13.4	19.1
5 31	14 11.59	− 0 18.1	1.311	2.184	17.6	19.3
6 10	14 7.92	− 0 36.4	1.363	2.158	21.2	19.5

86355 1999 XF_{116} 5 1.5 130.°45 3.°2/ 3.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 4.14	−24 34.4	1.518	2.376	15.5	19.6
4 11	14 56.79	−24 25.6	1.459	2.388	11.5	19.4
4 21	14 47.00	−23 58.4	1.422	2.401	7.1	19.2
5 1	14 35.91	−23 14.3	1.411	2.412	3.4	19.0
5 11	14 24.97	−22 18.3	1.426	2.424	4.9	19.1
5 21	14 15.46	−21 17.6	1.468	2.434	9.2	19.4
5 31	14 8.36	−20 20.3	1.533	2.444	13.2	19.6
6 10	14 4.20	−19 32.9	1.619	2.453	16.7	19.9

181673 2008 BM_{32} 5 1.5 193.°34 4.°7/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.22	− 0 24.6	2.587	3.464	9.2	20.7
4 11	14 49.76	+ 0 25.5	2.525	3.463	6.8	20.5
4 21	14 43.07	+ 1 11.7	2.489	3.461	5.0	20.4
5 1	14 35.74	+ 1 49.6	2.482	3.459	4.9	20.4
5 11	14 28.42	+ 2 15.9	2.503	3.456	6.5	20.5
5 21	14 21.75	+ 2 28.3	2.551	3.454	8.8	20.6
5 31	14 16.26	+ 2 26.0	2.622	3.451	11.2	20.8
6 10	14 12.34	+ 2 9.4	2.714	3.447	13.2	20.9

140512 2001 TN_{166} 5 1.5 235.°65 4.°2/ 5.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.43	−29 19.1	2.356	3.182	11.8	19.8
4 11	14 52.40	−29 31.6	2.272	3.176	9.2	19.6
4 21	14 44.62	−29 29.3	2.211	3.170	6.5	19.4
5 1	14 35.81	−29 11.8	2.177	3.164	4.5	19.3
5 11	14 26.89	−28 40.9	2.171	3.157	4.7	19.3
5 21	14 18.74	−28 0.4	2.192	3.151	7.1	19.4
5 31	14 12.14	−27 15.3	2.239	3.144	9.9	19.6
6 10	14 7.60	−26 31.1	2.309	3.137	12.5	19.7

41585 2000 ST_{37} 5 1.5 81.°12 2.°6/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.12	− 8 19.4	2.213	3.096	10.3	18.5
4 11	14 50.50	− 7 46.5	2.159	3.107	7.2	18.4
4 21	14 43.49	− 7 12.9	2.130	3.118	4.0	18.2
5 1	14 35.77	− 6 42.1	2.129	3.129	2.7	18.1
5 11	14 28.14	− 6 17.8	2.157	3.140	5.0	18.3
5 21	14 21.33	− 6 2.9	2.211	3.151	8.1	18.5
5 31	14 15.93	− 5 59.1	2.290	3.162	11.0	18.7
6 10	14 12.33	− 6 7.1	2.390	3.173	13.5	18.9

254923 2005 SC_{121} 5 1.5 247.°44 0.°0/ 1.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.11	−17 26.0	2.532	3.400	9.7	21.1
4 11	14 49.84	−16 53.0	2.447	3.388	6.9	20.9
4 21	14 43.20	−16 12.1	2.388	3.376	3.6	20.7
5 1	14 35.76	−15 25.8	2.357	3.365	0.2	20.4
5 11	14 28.26	−14 37.7	2.356	3.352	3.3	20.6
5 21	14 21.39	−13 51.8	2.382	3.340	6.7	20.8
5 31	14 15.77	−13 11.8	2.435	3.327	9.7	21.0
6 10	14 11.83	−12 40.7	2.511	3.315	12.3	21.1

39334 2002 AV_{10} 5 1.5 146.°93 2.°0/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.40	−10 34.7	2.414	3.288	9.9	20.5
4 11	14 51.99	− 9 49.9	2.355	3.300	6.8	20.4
4 21	14 44.23	− 9 2.3	2.323	3.312	3.7	20.2
5 1	14 35.81	− 8 15.4	2.321	3.323	2.1	20.1
5 11	14 27.48	− 7 33.4	2.348	3.333	4.5	20.3
5 21	14 19.96	− 6 59.5	2.403	3.343	7.6	20.5
5 31	14 13.82	− 6 36.4	2.484	3.352	10.4	20.7
6 10	14 9.44	− 6 25.2	2.587	3.360	12.8	20.9

302438 2002 EF_{24} 5 1.5 80.°50 0.°2/ 1.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.55	−16 13.6	2.308	3.180	10.3	21.4
4 11	14 50.13	−15 48.6	2.245	3.189	7.2	21.2
4 21	14 43.31	−15 16.8	2.208	3.198	3.8	21.0
5 1	14 35.77	−14 41.1	2.199	3.207	0.2	20.7
5 11	14 28.28	−14 5.1	2.219	3.216	3.5	21.0
5 21	14 21.58	−13 32.2	2.266	3.225	6.9	21.2
5 31	14 16.25	−13 6.0	2.339	3.233	10.0	21.4
6 10	14 12.71	−12 48.7	2.434	3.242	12.6	21.6

133652 2003 UD_{164} 5 1.5 274.°05 1.°3/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.73	−11 19.8	1.962	2.839	11.6	19.2
4 11	14 54.16	−11 24.1	1.879	2.826	8.2	19.0
4 21	14 45.62	−11 26.0	1.821	2.812	4.3	18.7
5 1	14 35.89	−11 27.4	1.791	2.798	1.3	18.5
5 11	14 25.95	−11 31.1	1.790	2.784	4.6	18.7
5 21	14 16.81	−11 39.5	1.816	2.769	8.7	18.9
5 31	14 9.34	−11 54.9	1.866	2.755	12.3	19.1
6 10	14 4.12	−12 19.0	1.938	2.741	15.5	19.3

80405 1999 XF_{186} 5 1.5 57.°01 2.°1/ 2.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 3.05	−19 53.6	1.206	2.089	17.0	18.1
4 11	14 56.51	−20 7.4	1.149	2.095	12.3	17.8
4 21	14 47.06	−20 6.8	1.113	2.101	7.0	17.6
5 1	14 35.95	−19 52.7	1.101	2.107	2.3	17.3
5 11	14 24.85	−19 29.5	1.114	2.113	5.4	17.5
5 21	14 15.31	−19 3.4	1.150	2.120	10.6	17.8
5 31	14 8.54	−18 41.4	1.208	2.126	15.4	18.1
6 10	14 5.13	−18 29.0	1.284	2.133	19.3	18.4

344588 2003 BN_{81} 5 1.5 95.°66 4.°5/27.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.67	− 2 40.8	2.310	3.193	9.9	21.0
4 11	14 50.07	− 1 41.2	2.268	3.211	7.2	20.8
4 21	14 43.22	− 0 45.0	2.251	3.228	5.0	20.7
5 1	14 35.77	+ 0 3.1	2.262	3.246	4.6	20.7
5 11	14 28.47	+ 0 39.1	2.302	3.263	6.5	20.9
5 21	14 21.98	+ 1 0.5	2.368	3.280	9.0	21.1
5 31	14 16.83	+ 1 6.5	2.457	3.297	11.5	21.2
6 10	14 13.37	+ 0 57.4	2.567	3.313	13.6	21.4

83445 2001 SF_{58} 5 1.5 285.°29 2.°4/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 54.58	−11 6.6	2.067	2.953	10.7	19.0
4 11	14 49.65	−10 4.6	1.993	2.944	7.5	18.8
4 21	14 43.15	− 8 57.4	1.944	2.934	4.1	18.6
5 1	14 35.77	− 7 50.0	1.923	2.925	2.5	18.4
5 11	14 28.36	− 6 47.9	1.930	2.916	5.3	18.6
5 21	14 21.70	− 5 56.1	1.963	2.906	8.8	18.8
5 31	14 16.50	− 5 18.3	2.021	2.897	12.1	19.0
6 10	14 13.21	− 4 56.3	2.099	2.888	14.9	19.1

87168 2000 OW 5 1.5 237.°08 4.°4/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.87	−29 29.9	2.187	3.012	12.6	20.1
4 11	14 54.29	−29 37.2	2.094	2.998	9.9	19.9
4 21	14 45.71	−29 27.9	2.024	2.984	7.0	19.7
5 1	14 35.90	−29 1.3	1.981	2.969	4.7	19.6
5 11	14 25.88	−28 19.4	1.966	2.953	5.0	19.5
5 21	14 16.67	−27 26.6	1.978	2.937	7.7	19.7
5 31	14 9.18	−26 29.0	2.016	2.920	10.9	19.8
6 10	14 3.99	−25 33.1	2.077	2.903	13.8	20.0

214861 2006 YL_{22} 5 1.5 203.°96 2.°2/29.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.91	− 8 32.5	2.641	3.518	9.0	21.2
4 11	14 50.28	− 8 6.2	2.568	3.515	6.3	21.1
4 21	14 43.38	− 7 38.9	2.523	3.511	3.5	20.9
5 1	14 35.79	− 7 13.4	2.507	3.507	2.3	20.8
5 11	14 28.18	− 6 52.7	2.519	3.503	4.4	20.9
5 21	14 21.20	− 6 39.3	2.560	3.499	7.2	21.1
5 31	14 15.40	− 6 35.1	2.626	3.495	9.9	21.3
6 10	14 11.18	− 6 40.9	2.715	3.490	12.2	21.4

240018 2001 TD_{233} 5 1.5 158.°31 4.°0/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.87	− 7 1.1	1.604	2.491	13.3	21.0
4 11	14 54.98	− 6 16.1	1.547	2.496	9.4	20.8
4 21	14 46.00	− 5 30.7	1.514	2.501	5.6	20.5
5 1	14 35.91	− 4 50.6	1.508	2.506	4.1	20.5
5 11	14 25.91	− 4 21.2	1.528	2.510	7.0	20.6
5 21	14 17.09	− 4 6.4	1.575	2.513	10.9	20.9
5 31	14 10.30	− 4 8.4	1.643	2.516	14.6	21.1
6 10	14 6.06	− 4 26.9	1.731	2.518	17.7	21.3

192897 1999 XH_{142} 5 1.5 264.°82 11.°9/14.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.73	−54 11.2	2.232	2.894	16.9	19.7
4 11	14 58.34	−54 30.7	2.134	2.879	15.5	19.5
4 21	14 48.02	−54 18.9	2.052	2.864	14.0	19.3
5 1	14 36.00	−53 30.5	1.990	2.849	12.7	19.2
5 11	14 23.96	−52 4.4	1.950	2.833	11.9	19.1
5 21	14 13.47	−50 4.9	1.933	2.817	12.1	19.1
5 31	14 5.74	−47 40.9	1.940	2.802	13.2	19.1
6 10	14 1.35	−45 4.1	1.970	2.785	14.8	19.2

237337 2009 WK_{60} 5 1.5 170.°31 0.°3/ 1.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.78	−18 26.1	1.963	2.834	11.9	21.2
4 11	14 51.94	−17 49.4	1.894	2.836	8.5	21.0
4 21	14 44.36	−17 2.1	1.849	2.837	4.5	20.8
5 1	14 35.84	−16 7.5	1.831	2.838	0.4	20.5
5 11	14 27.34	−15 10.5	1.842	2.839	3.9	20.8
5 21	14 19.76	−14 16.6	1.880	2.840	7.9	21.0
5 31	14 13.86	−13 30.6	1.943	2.841	11.5	21.2
6 10	14 10.10	−12 56.2	2.027	2.841	14.5	21.4

84558 2002 VW_{3} 5 1.5 184.°10 0.°6/ 2.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.97	−18 35.1	2.289	3.154	10.7	20.4
4 11	14 51.22	−18 14.8	2.215	3.154	7.6	20.2
4 21	14 43.94	−17 45.9	2.167	3.154	4.1	19.9
5 1	14 35.83	−17 10.4	2.146	3.154	0.7	19.7
5 11	14 27.70	−16 32.0	2.155	3.153	3.4	19.9
5 21	14 20.34	−15 54.5	2.191	3.152	7.0	20.1
5 31	14 14.41	−15 21.9	2.254	3.151	10.2	20.3
6 10	14 10.37	−14 57.4	2.338	3.150	12.9	20.5

334797 2003 ST_{191} 5 1.5 176°.97 2°.7/ 4.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 58.06	−25 56.0	2.388	3.227	11.2	21.5
4 11	14 51.98	−25 36.4	2.310	3.229	8.4	21.3
4 21	14 44.34	−25 3.0	2.257	3.230	5.4	21.2
5 1	14 35.85	−24 17.1	2.232	3.231	2.9	21.0
5 11	14 27.37	−23 22.2	2.236	3.231	3.7	21.0
5 21	14 19.70	−22 22.8	2.268	3.231	6.6	21.2
5 31	14 13.53	−21 24.1	2.327	3.231	9.6	21.4
6 10	14 9.28	−20 31.1	2.409	3.230	12.3	21.6

180405 2004 BG_{28} 5 1.5 136°.14 0°.9/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.80	−14 29.2	1.871	2.746	12.2	21.3
4 11	14 54.01	−13 59.7	1.812	2.758	8.5	21.1
4 21	14 45.42	−13 23.5	1.778	2.769	4.4	20.9
5 1	14 35.90	−12 44.0	1.772	2.779	0.9	20.6
5 11	14 26.49	−12 5.9	1.795	2.789	4.5	20.9
5 21	14 18.13	−11 33.5	1.844	2.799	8.5	21.1
5 31	14 11.59	−11 10.6	1.918	2.808	12.0	21.4
6 10	14 7.31	−10 59.6	2.013	2.816	15.0	21.6

471349 2011 QO_{57} 5 1.5 173°.50 5°.6/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 54.41	+ 5 44.2	3.078	3.942	8.3	21.7
4 11	14 49.04	+ 6 44.7	3.027	3.945	6.6	21.6
4 21	14 42.67	+ 7 38.3	3.002	3.948	5.6	21.5
5 1	14 35.77	+ 8 20.9	3.005	3.950	5.8	21.5
5 11	14 28.93	+ 8 49.7	3.036	3.952	7.1	21.6
5 21	14 22.64	+ 9 3.2	3.093	3.953	8.8	21.7
5 31	14 17.35	+ 9 1.2	3.174	3.953	10.5	21.9
6 10	14 13.40	+ 8 44.4	3.274	3.953	12.0	22.0

278678 2008 RQ_{100} 5 1.5 120°.52 1°.6/30.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.67	−12 32.7	1.868	2.751	11.8	20.6
4 11	14 51.89	−11 57.9	1.805	2.754	8.2	20.4
4 21	14 44.35	−11 18.0	1.766	2.757	4.3	20.1
5 1	14 35.86	−10 36.7	1.755	2.760	1.6	19.9
5 11	14 27.40	− 9 59.0	1.771	2.763	4.9	20.2
5 21	14 19.89	− 9 29.1	1.814	2.766	8.8	20.4
5 31	14 14.08	− 9 10.3	1.880	2.769	12.3	20.6
6 10	14 10.43	− 9 4.6	1.968	2.772	15.3	20.8

124815 2001 SH_{287} 5 1.5 153°.54 4°.4/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.97	− 2 57.7	2.021	2.899	11.3	19.1
4 11	14 54.01	− 2 31.4	1.963	2.905	8.2	19.0
4 21	14 45.40	− 2 8.9	1.931	2.911	5.3	18.8
5 1	14 35.91	− 1 54.2	1.926	2.916	4.5	18.7
5 11	14 26.49	− 1 50.7	1.950	2.921	6.6	18.9
5 21	14 18.02	− 2 0.3	2.000	2.926	9.7	19.1
5 31	14 11.19	− 2 23.6	2.075	2.930	12.7	19.3
6 10	14 6.47	− 2 59.9	2.170	2.933	15.2	19.5

248976 2007 DM_{97} 5 1.5 315°.61 2°.2/ 4.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 51.48	−26 52.5	4.110	4.935	7.2	20.1
4 11	14 46.98	−26 57.7	4.023	4.930	5.5	19.9
4 21	14 41.60	−26 55.3	3.962	4.925	3.7	19.8
5 1	14 35.73	−26 45.5	3.929	4.920	2.4	19.7
5 11	14 29.82	−26 29.7	3.926	4.915	2.7	19.7
5 21	14 24.29	−26 9.5	3.952	4.911	4.2	19.8
5 31	14 19.54	−25 47.1	4.006	4.906	6.0	19.9
6 10	14 15.88	−25 25.1	4.084	4.902	7.7	20.1

501246 2013 VC_{16} 5 1.5 231°.84 1°.7/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.49	−13 8.0	2.044	2.923	11.2	21.8
4 11	14 51.74	−12 10.2	1.964	2.912	7.8	21.5
4 21	14 44.29	−11 5.2	1.910	2.901	4.1	21.3
5 1	14 35.86	− 9 57.6	1.885	2.890	1.8	21.1
5 11	14 27.37	− 8 52.9	1.888	2.878	4.9	21.3
5 21	14 19.68	− 7 56.4	1.918	2.865	8.7	21.5
5 31	14 13.54	− 7 12.7	1.973	2.852	12.2	21.7
6 10	14 9.44	− 6 44.3	2.048	2.839	15.2	21.9

282275 2002 OM_{12} 5 1.5 282°.76 2°.7/ 3.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.32	−26 32.2	2.079	2.923	12.4	20.8
4 11	14 51.85	−25 49.7	1.974	2.896	9.4	20.5
4 21	14 44.46	−24 48.2	1.893	2.868	6.0	20.2
5 1	14 35.88	−23 29.3	1.839	2.839	3.0	20.0
5 11	14 27.09	−21 57.4	1.813	2.810	4.1	20.0
5 21	14 19.06	−20 19.3	1.816	2.781	7.7	20.2
5 31	14 12.66	−18 43.0	1.845	2.752	11.5	20.3
6 10	14 8.49	−17 15.7	1.896	2.722	14.9	20.5

16018 1999 CJ_{67} 5 1.5 233°.13 6°.1/ 6.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.78	−33 36.1	1.790	2.610	15.2	16.8
4 11	14 53.80	−33 34.1	1.712	2.607	12.2	16.6
4 21	14 45.52	−33 8.3	1.655	2.604	9.1	16.4
5 1	14 35.93	−32 18.2	1.622	2.601	6.6	16.2
5 11	14 26.28	−31 6.8	1.615	2.598	6.5	16.2
5 21	14 17.79	−29 41.0	1.634	2.595	8.9	16.3
5 31	14 11.43	−28 9.7	1.678	2.591	12.1	16.5
6 10	14 7.77	−26 42.1	1.743	2.588	15.2	16.7

415030 2011 UA_{354} 5 1.5 352°.31 1°.9/ 2.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 56.16	−22 38.6	1.151	2.039	17.2	19.7
4 11	14 51.78	−21 54.8	1.087	2.035	12.6	19.4
4 21	14 44.63	−20 48.2	1.044	2.032	7.2	19.1
5 1	14 35.89	−19 23.2	1.023	2.030	2.2	18.7
5 11	14 27.12	−17 48.9	1.027	2.028	5.3	18.9
5 21	14 19.80	−16 16.5	1.054	2.027	10.9	19.2
5 31	14 15.07	−14 56.7	1.101	2.027	15.9	19.5
6 10	14 13.52	−13 56.6	1.167	2.028	20.1	19.8

56618 2000 JC_{73} 5 1.5 275°.79 7°.1/27.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.31	+ 2 25.9	1.720	2.599	12.9	18.9
4 11	14 54.68	+ 3 0.2	1.648	2.584	10.0	18.7
4 21	14 45.95	+ 3 25.5	1.599	2.568	7.6	18.5
5 1	14 35.96	+ 3 35.8	1.577	2.552	7.3	18.5
5 11	14 25.83	+ 3 26.9	1.581	2.536	9.4	18.5
5 21	14 16.63	+ 2 56.8	1.609	2.520	12.6	18.7
5 31	14 9.29	+ 2 6.2	1.660	2.504	15.8	18.9
6 10	14 4.40	+ 0 57.7	1.728	2.487	18.7	19.0

25874 2000 OS_{39} 5 1.5 109°.86 3°.2/28.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.10	− 8 51.1	2.028	2.910	11.1	18.5
4 11	14 51.90	− 7 38.4	1.982	2.930	7.7	18.4
4 21	14 44.23	− 6 24.1	1.963	2.950	4.4	18.2
5 1	14 35.87	− 5 13.6	1.972	2.970	3.3	18.2
5 11	14 27.72	− 4 12.6	2.010	2.989	5.8	18.4
5 21	14 20.55	− 3 25.2	2.075	3.007	9.0	18.6
5 31	14 14.96	− 2 53.9	2.164	3.025	12.0	18.8
6 10	14 11.34	− 2 39.3	2.273	3.042	14.5	19.0

65794 1995 WG_{27} 5 1.5 134°.39 2°.1/ 3.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.87	−24 1.6	2.352	3.198	11.2	20.2
4 11	14 52.48	−23 43.7	2.286	3.210	8.2	20.0
4 21	14 44.57	−23 13.6	2.246	3.223	5.0	19.8
5 1	14 35.89	−22 32.8	2.233	3.235	2.3	19.7
5 11	14 27.30	−21 44.8	2.250	3.246	3.5	19.8
5 21	14 19.58	−20 54.0	2.295	3.257	6.6	20.0
5 31	14 13.38	−20 5.2	2.366	3.267	9.6	20.2
6 10	14 9.11	−19 22.7	2.460	3.277	12.2	20.4

522985 2016 PA_{119} 5 1.5 169°.42 4°.0/27.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.49	− 2 36.3	2.590	3.469	9.1	22.0
4 11	14 49.96	− 1 56.7	2.529	3.471	6.6	21.8
4 21	14 43.22	− 1 20.0	2.495	3.472	4.5	21.7
5 1	14 35.83	− 0 49.8	2.489	3.474	4.1	21.7
5 11	14 28.48	− 0 29.3	2.511	3.475	5.8	21.8
5 21	14 21.78	− 0 20.7	2.560	3.476	8.3	21.9
5 31	14 16.27	− 0 24.9	2.635	3.477	10.7	22.1
6 10	14 12.34	− 0 41.8	2.729	3.478	12.8	22.2

25457 Mariannamao 5 1.5 94°.60 2°.0/29.8 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.94	−12 19.4	1.974	2.856	11.3	19.3
4 11	14 51.18	−11 19.4	1.923	2.873	7.8	19.1
4 21	14 43.89	−10 14.7	1.898	2.889	4.1	18.9
5 1	14 35.86	− 9 10.0	1.901	2.905	2.1	18.8
5 11	14 27.99	− 8 11.0	1.931	2.920	5.0	19.0
5 21	14 21.09	− 7 22.2	1.989	2.936	8.5	19.2
5 31	14 15.79	− 6 47.0	2.072	2.951	11.7	19.4
6 10	14 12.48	− 6 27.0	2.175	2.966	14.4	19.7

353598 2011 TL_{16} 5 1.5 78°.39 1°.0/ 2.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.33	−20 15.0	2.338	3.200	10.6	20.6
4 11	14 50.03	−19 50.3	2.271	3.208	7.6	20.5
4 21	14 43.31	−19 15.9	2.230	3.215	4.2	20.3
5 1	14 35.84	−18 34.3	2.217	3.223	1.1	20.0
5 11	14 28.43	−17 49.0	2.232	3.230	3.2	20.2
5 21	14 21.79	−17 4.1	2.275	3.238	6.6	20.4
5 31	14 16.54	−16 23.9	2.344	3.245	9.7	20.6
6 10	14 13.09	−15 51.5	2.436	3.253	12.3	20.8

155427 1997 LO_{5} 5 1.5 279°.38 1°.7/28.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 48.62	− 7 57.6	4.288	5.166	5.8	20.7
4 11	14 44.89	− 7 19.6	4.214	5.160	4.1	20.6
4 21	14 40.48	− 6 41.0	4.168	5.155	2.4	20.4
5 1	14 35.71	− 6 3.8	4.152	5.149	1.8	20.4
5 11	14 30.94	− 5 30.3	4.165	5.144	3.1	20.5
5 21	14 26.50	− 5 2.0	4.207	5.138	4.9	20.6
5 31	14 22.70	− 4 40.6	4.276	5.133	6.6	20.7
6 10	14 19.80	− 4 26.8	4.368	5.127	8.2	20.8

206661 2003 YP_{60} 5 1.5 164°.72 3°.4/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.28	−28 53.9	2.182	3.015	12.4	20.2
4 11	14 51.56	−28 18.8	2.105	3.017	9.5	20.0
4 21	14 44.17	−27 25.9	2.052	3.019	6.3	19.8
5 1	14 35.89	−26 16.7	2.026	3.021	3.7	19.7
5 11	14 27.66	−24 55.9	2.028	3.022	4.2	19.7
5 21	14 20.36	−23 29.4	2.059	3.023	7.0	19.9
5 31	14 14.69	−22 4.2	2.115	3.024	10.2	20.1
6 10	14 11.11	−20 46.3	2.195	3.025	13.0	20.3

499175 2009 SW_{136} 5 1.5 206°.25 1°.3/30.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 57.74	−14 10.5	2.106	2.982	11.0	22.9
4 11	14 51.85	−13 15.8	2.031	2.978	7.7	22.7
4 21	14 44.33	−12 13.5	1.982	2.972	4.0	22.4
5 1	14 35.90	−11 8.1	1.961	2.967	1.3	22.2
5 11	14 27.46	−10 4.7	1.968	2.960	4.5	22.4
5 21	14 19.84	− 9 8.5	2.004	2.954	8.3	22.6
5 31	14 13.74	− 8 23.8	2.065	2.946	11.7	22.8
6 10	14 9.65	− 7 53.3	2.147	2.938	14.5	23.0

217865 2001 QF_{139} 5 1.5 201°.25 4°.7/ 5.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.20	−31 32.0	2.502	3.308	11.8	20.8
4 11	14 55.03	−31 44.0	2.413	3.303	9.4	20.6
4 21	14 46.04	−31 40.2	2.349	3.297	6.8	20.5
5 1	14 35.99	−31 19.6	2.311	3.291	4.9	20.3
5 11	14 25.82	−30 43.8	2.303	3.283	5.0	20.3
5 21	14 16.44	−29 56.5	2.322	3.275	7.1	20.4
5 31	14 8.65	−29 3.3	2.369	3.266	9.8	20.6
6 10	14 2.99	−28 9.8	2.439	3.256	12.3	20.7

333677 2008 TK_{128} 5 1.5 268°.64 4°.6/27.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.59	− 6 9.3	1.873	2.763	11.4	21.0
4 11	14 50.51	− 4 40.6	1.801	2.751	8.2	20.7
4 21	14 43.69	− 3 9.4	1.754	2.738	5.3	20.5
5 1	14 35.88	− 1 43.0	1.735	2.726	4.9	20.5
5 11	14 28.01	− 0 28.6	1.744	2.713	7.5	20.6
5 21	14 20.97	+ 0 28.3	1.778	2.700	10.9	20.8
5 31	14 15.51	+ 1 4.3	1.835	2.687	14.2	21.0
6 10	14 12.14	+ 1 18.8	1.910	2.674	17.0	21.1

9987 Peano 5 1.5 127°.34 5°.5/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.76	− 4 25.1	1.468	2.360	13.9	18.6
4 11	14 54.29	− 3 20.5	1.418	2.368	10.0	18.4
4 21	14 45.68	− 2 18.3	1.392	2.376	6.5	18.2
5 1	14 35.97	− 1 25.8	1.392	2.383	5.7	18.2
5 11	14 26.42	− 0 49.5	1.418	2.390	8.5	18.3
5 21	14 18.13	− 0 33.3	1.467	2.397	12.3	18.6
5 31	14 11.97	− 0 38.4	1.539	2.403	15.8	18.8
6 10	14 8.43	− 1 3.5	1.627	2.409	18.8	19.0

157329 2004 TM_{16} 5 1.5 214°.87 3°.9/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.86	− 4 38.5	2.037	2.917	11.1	19.8
4 11	14 53.36	− 4 14.8	1.968	2.913	8.0	19.6
4 21	14 45.14	− 3 53.3	1.924	2.908	5.0	19.4
5 1	14 35.95	− 3 37.9	1.909	2.903	4.0	19.3
5 11	14 26.74	− 3 32.0	1.921	2.898	6.2	19.4
5 21	14 18.37	− 3 38.0	1.961	2.893	9.5	19.6
5 31	14 11.58	− 3 57.1	2.024	2.887	12.6	19.8
6 10	14 6.87	− 4 29.0	2.108	2.881	15.3	20.0

200645 2001 SA_{313} 5 1.5 301°.36 2°.0/30.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.84	−11 50.5	1.219	2.116	15.7	20.1
4 11	14 55.21	−11 38.6	1.141	2.097	11.2	19.8
4 21	14 46.61	−11 21.0	1.084	2.077	6.0	19.4
5 1	14 36.04	−11 1.8	1.051	2.058	2.0	19.1
5 11	14 25.03	−10 46.4	1.043	2.039	6.6	19.3
5 21	14 15.16	−10 40.2	1.057	2.020	12.3	19.6
5 31	14 7.81	−10 47.7	1.092	2.001	17.4	19.8
6 10	14 3.81	−11 11.3	1.144	1.984	21.8	20.0

93093 2000 SB_{39} 5 1.5 132°.13 0°.3/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.15	−16 41.0	2.166	3.031	11.2	19.7
4 11	14 54.14	−16 37.3	2.104	3.044	7.9	19.5
4 21	14 45.49	−16 26.7	2.068	3.056	4.2	19.3
5 1	14 35.98	−16 10.8	2.061	3.068	0.4	19.0
5 11	14 26.54	−15 52.6	2.083	3.080	3.6	19.3
5 21	14 18.02	−15 35.5	2.133	3.091	7.3	19.5
5 31	14 11.13	−15 22.7	2.208	3.101	10.5	19.7
6 10	14 6.30	−15 16.9	2.306	3.111	13.3	20.0

207918 2008 VG_{62} 5 1.5 277°.81 0°.3/ 1.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.16	−16 11.5	1.880	2.758	12.0	20.8
4 11	14 51.67	−15 42.9	1.805	2.752	8.5	20.6
4 21	14 44.33	−15 5.5	1.755	2.745	4.5	20.3
5 1	14 35.93	−14 22.6	1.731	2.738	0.3	20.0
5 11	14 27.47	−13 38.9	1.735	2.732	4.2	20.3
5 21	14 19.88	−12 59.1	1.765	2.725	8.4	20.5
5 31	14 13.98	−12 27.9	1.820	2.719	12.1	20.7
6 10	14 10.29	−12 8.5	1.896	2.712	15.3	20.9

24036 1999 SP_4 5 1.5 141°.40 1°.5/30.1 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.06	−13 14.3	2.293	3.168	10.3	19.3
4 11	14 51.17	−12 20.5	2.232	3.179	7.1	19.1
4 21	14 43.89	−11 21.4	2.198	3.188	3.7	18.9
5 1	14 35.91	−10 21.0	2.193	3.198	1.5	18.7
5 11	14 28.02	− 9 24.0	2.216	3.207	4.3	18.9
5 21	14 20.96	− 8 34.7	2.268	3.215	7.6	19.2
5 31	14 15.30	− 7 56.4	2.346	3.223	10.6	19.4
6 10	14 11.45	− 7 31.0	2.445	3.231	13.1	19.6

361136 2006 HM_{40} 5 1.5 321°.99 1°.9/ 2.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 1.69	−18 39.3	1.263	2.148	16.2	20.3
4 11	14 55.75	−19 5.4	1.192	2.139	11.8	20.0
4 21	14 46.85	−19 20.6	1.141	2.129	6.7	19.7
5 1	14 36.07	−19 24.8	1.114	2.120	2.1	19.4
5 11	14 24.97	−19 20.6	1.112	2.112	5.4	19.6
5 21	14 15.13	−19 12.8	1.134	2.104	10.7	19.9
5 31	14 7.88	−19 7.1	1.177	2.097	15.6	20.1
6 10	14 3.98	−19 9.0	1.239	2.090	19.8	20.4

479051 2013 AD_{50} 5 1.5 282°.04 1°.8/30.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.29	−10 18.5	2.222	3.102	10.4	20.7
4 11	14 51.52	−10 5.7	2.146	3.093	7.3	20.4
4 21	14 44.18	− 9 50.7	2.095	3.085	3.9	20.2
5 1	14 35.93	− 9 36.4	2.072	3.077	1.8	20.0
5 11	14 27.61	− 9 25.6	2.078	3.068	4.5	20.2
5 21	14 20.00	− 9 21.1	2.111	3.060	7.9	20.4
5 31	14 13.79	− 9 25.2	2.169	3.052	11.1	20.6
6 10	14 9.48	− 9 39.0	2.248	3.043	13.9	20.8

320001 2007 DW_{27} 5 1.5 351°.27 2°.6/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 49.48	− 4 36.4	3.596	4.477	6.7	21.0
4 11	14 45.60	− 4 0.5	3.529	4.474	4.8	20.9
4 21	14 40.90	− 3 25.7	3.490	4.472	3.1	20.8
5 1	14 35.78	− 2 54.4	3.479	4.469	2.7	20.7
5 11	14 30.65	− 2 29.2	3.498	4.467	4.1	20.8
5 21	14 25.94	− 2 11.7	3.544	4.465	6.0	21.0
5 31	14 22.00	− 2 3.2	3.615	4.464	7.9	21.1
6 10	14 19.12	− 2 4.1	3.709	4.462	9.6	21.2

178268 2008 AH_{32} 5 1.5 128°.39 2°.7/27.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 48.69	− 1 41.5	4.444	5.320	5.7	20.2
4 11	14 44.92	− 1 7.2	4.382	5.321	4.2	20.1
4 21	14 40.51	− 0 35.1	4.348	5.322	2.9	20.0
5 1	14 35.76	− 0 7.1	4.343	5.323	2.8	20.0
5 11	14 31.03	+ 0 14.8	4.367	5.324	3.9	20.1
5 21	14 26.62	+ 0 29.4	4.420	5.325	5.3	20.2
5 31	14 22.84	+ 0 35.9	4.497	5.326	6.8	20.3
6 10	14 19.92	+ 0 34.0	4.597	5.327	8.2	20.4

225517 2000 QX_{170} 5 1.5 204°.57 1°.2/ 2.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.95	−21 10.3	2.633	3.482	10.0	22.3
4 11	14 52.53	−20 47.6	2.547	3.476	7.2	22.1
4 21	14 44.66	−20 14.9	2.486	3.469	4.1	21.9
5 1	14 35.97	−19 33.9	2.455	3.460	1.3	21.6
5 11	14 27.22	−18 47.8	2.454	3.451	3.1	21.8
5 21	14 19.15	−18 0.3	2.482	3.442	6.3	21.9
5 31	14 12.40	−17 15.6	2.537	3.431	9.3	22.1
6 10	14 7.40	−16 37.5	2.616	3.420	11.9	22.3

300242 2007 DZ_{70} 5 1.5 342°.49 2°.4/28.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 49.36	− 5 54.7	3.544	4.425	6.8	20.6
4 11	14 45.54	− 5 16.9	3.473	4.419	4.8	20.4
4 21	14 40.88	− 4 39.4	3.430	4.414	3.0	20.3
5 1	14 35.78	− 4 4.8	3.415	4.408	2.5	20.3
5 11	14 30.68	− 3 35.6	3.430	4.403	4.0	20.4
5 21	14 25.98	− 3 13.8	3.472	4.398	6.0	20.5
5 31	14 22.07	− 3 0.8	3.540	4.394	8.0	20.6
6 10	14 19.22	− 2 57.2	3.630	4.389	9.7	20.7

56386 2000 EG_{54} 5 1.5 239°.93 2°.1/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.99	−11 41.5	1.528	2.413	13.8	19.4
4 11	14 55.44	−11 14.5	1.453	2.404	9.8	19.2
4 21	14 46.48	−10 42.0	1.402	2.393	5.2	18.9
5 1	14 36.07	−10 8.1	1.377	2.383	2.1	18.6
5 11	14 25.48	− 9 38.2	1.379	2.371	5.9	18.8
5 21	14 15.97	− 9 17.3	1.406	2.360	10.7	19.1
5 31	14 8.59	− 9 9.5	1.456	2.348	15.0	19.3
6 10	14 3.99	− 9 16.7	1.525	2.335	18.6	19.5

452849 2006 SG_{140} 5 1.5 264°.97 2°.3/28.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 53.53	− 5 36.4	3.636	4.509	6.9	21.3
4 11	14 48.46	− 5 16.6	3.545	4.487	4.9	21.1
4 21	14 42.44	− 4 57.5	3.482	4.465	3.0	21.0
5 1	14 35.87	− 4 41.1	3.448	4.443	2.3	20.9
5 11	14 29.22	− 4 29.4	3.445	4.420	3.8	21.0
5 21	14 22.95	− 4 24.2	3.470	4.397	5.9	21.1
5 31	14 17.47	− 4 26.6	3.522	4.374	8.0	21.2
6 10	14 13.13	− 4 37.4	3.597	4.350	9.9	21.3

125744 2001 XY_{118} 5 1.5 65°.27 6°.5/ 5.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.62	−31 56.3	1.657	2.483	15.9	19.2
4 11	14 56.45	−32 32.7	1.606	2.505	12.6	19.1
4 21	14 46.90	−32 47.2	1.577	2.528	9.3	18.9
5 1	14 36.09	−32 38.0	1.572	2.551	6.9	18.8
5 11	14 25.43	−32 7.9	1.593	2.573	6.9	18.9
5 21	14 16.20	−31 22.7	1.639	2.596	9.2	19.1
5 31	14 9.35	−30 30.3	1.709	2.618	12.2	19.3
6 10	14 5.38	−29 38.8	1.801	2.641	15.0	19.5

502747 2015 DZ_{45} 5 1.5 293.°89 6.°4/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 56.58	− 0 37.8	1.769	2.658	12.1	20.5
4 11	14 51.36	+ 0 28.7	1.695	2.639	9.1	20.3
4 21	14 44.23	+ 1 31.4	1.646	2.620	6.8	20.1
5 1	14 35.97	+ 2 23.3	1.623	2.602	6.7	20.0
5 11	14 27.57	+ 2 58.3	1.625	2.583	9.0	20.1
5 21	14 19.99	+ 3 12.4	1.652	2.564	12.2	20.3
5 31	14 14.09	+ 3 4.2	1.700	2.546	15.5	20.4
6 10	14 10.42	+ 2 34.8	1.766	2.527	18.3	20.6

278273 2007 FR_{47} 5 1.5 330.°35 1.°2/30.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 53.51	−16 7.1	1.366	2.263	14.4	19.7
4 11	14 49.67	−15 4.6	1.289	2.245	10.2	19.4
4 21	14 43.51	−13 47.8	1.235	2.228	5.3	19.0
5 1	14 35.94	−12 22.5	1.205	2.212	1.3	18.7
5 11	14 28.19	−10 57.6	1.200	2.197	5.8	19.0
5 21	14 21.50	− 9 42.0	1.219	2.182	10.9	19.2
5 31	14 16.88	− 8 43.4	1.260	2.169	15.6	19.4
6 10	14 14.99	− 8 6.2	1.318	2.157	19.5	19.7

328227 2008 FY_{27} 5 1.5 114.°32 4.°2/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.67	− 6 21.0	1.701	2.591	12.5	20.2
4 11	14 52.66	− 5 26.1	1.648	2.598	8.8	20.0
4 21	14 44.81	− 4 31.4	1.619	2.605	5.4	19.8
5 1	14 36.00	− 3 42.8	1.616	2.612	4.4	19.7
5 11	14 27.29	− 3 5.9	1.641	2.618	7.0	19.9
5 21	14 19.65	− 2 44.5	1.690	2.625	10.6	20.1
5 31	14 13.85	− 2 40.6	1.763	2.631	14.0	20.3
6 10	14 10.32	− 2 53.9	1.854	2.637	16.8	20.5

129882 Ustica 5 1.5 181.°65 0.°4/ 1.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.76	−18 7.4	1.939	2.806	12.2	20.7
4 11	14 54.12	−17 40.8	1.867	2.807	8.7	20.5
4 21	14 45.61	−17 4.1	1.819	2.807	4.7	20.2
5 1	14 36.05	−16 19.9	1.800	2.807	0.5	19.9
5 11	14 26.48	−15 32.8	1.809	2.807	4.0	20.2
5 21	14 17.89	−14 47.7	1.846	2.805	8.1	20.4
5 31	14 11.06	−14 9.6	1.907	2.803	11.8	20.7
6 10	14 6.50	−13 42.2	1.990	2.801	14.9	20.9

507541 2012 XP_{57} 5 1.5 158.°14 0.°1/ 1.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.90	−16 6.4	2.649	3.515	9.4	22.7
4 11	14 51.00	−15 45.0	2.580	3.521	6.6	22.5
4 21	14 43.82	−15 17.6	2.537	3.526	3.4	22.3
5 1	14 35.97	−14 46.5	2.524	3.531	0.2	22.0
5 11	14 28.13	−14 14.7	2.540	3.536	3.2	22.3
5 21	14 20.98	−13 45.3	2.585	3.541	6.3	22.5
5 31	14 15.08	−13 21.3	2.656	3.544	9.1	22.7
6 10	14 10.81	−13 4.8	2.750	3.548	11.5	22.9

87934 2000 SF_{347} 5 1.5 139.°25 8.°9/10.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.63	−44 3.0	2.072	2.819	15.8	18.3
4 11	14 55.76	−44 12.6	1.996	2.825	13.6	18.1
4 21	14 46.57	−43 54.7	1.940	2.831	11.4	18.0
5 1	14 36.12	−43 6.6	1.907	2.836	9.6	17.9
5 11	14 25.76	−41 50.3	1.898	2.841	8.9	17.9
5 21	14 16.72	−40 11.8	1.916	2.846	9.8	17.9
5 31	14 9.95	−38 20.1	1.958	2.851	11.6	18.0
6 10	14 5.96	−36 25.3	2.022	2.855	13.9	18.2

385582 2004 XA_{30} 5 1.5 207.°96 2.°4/ 3.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.48	−24 52.5	2.243	3.088	11.6	21.3
4 11	14 52.45	−24 32.1	2.160	3.083	8.7	21.1
4 21	14 44.72	−23 57.7	2.102	3.078	5.4	20.9
5 1	14 36.04	−23 10.7	2.072	3.073	2.7	20.7
5 11	14 27.31	−22 14.7	2.070	3.067	3.7	20.8
5 21	14 19.40	−21 14.5	2.096	3.060	7.0	21.0
5 31	14 13.04	−20 15.8	2.149	3.053	10.3	21.1
6 10	14 8.73	−19 23.7	2.224	3.046	13.1	21.3

174793 2003 WU_{136} 5 1.5 254.°90 2.°4/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.46	−10 28.6	1.827	2.707	12.2	20.3
4 11	14 54.89	− 9 56.6	1.738	2.686	8.7	20.0
4 21	14 46.18	− 9 20.1	1.674	2.664	4.7	19.8
5 1	14 36.12	− 8 43.1	1.637	2.641	2.4	19.5
5 11	14 25.78	− 8 10.6	1.629	2.618	5.7	19.7
5 21	14 16.25	− 7 47.0	1.647	2.593	9.9	19.9
5 31	14 8.48	− 7 36.0	1.689	2.568	13.9	20.1
6 10	14 3.12	− 7 39.7	1.750	2.543	17.3	20.3

67285 2000 GH_{2} 5 1.5 168.°22 0.°2/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.51	−15 59.1	2.229	3.100	10.7	20.2
4 11	14 51.66	−15 39.2	2.159	3.102	7.5	20.0
4 21	14 44.26	−15 12.5	2.114	3.103	3.9	19.7
5 1	14 36.02	−14 41.5	2.097	3.105	0.2	19.4
5 11	14 27.78	−14 9.7	2.109	3.106	3.7	19.7
5 21	14 20.32	−13 40.7	2.149	3.107	7.3	20.0
5 31	14 14.33	−13 18.1	2.214	3.107	10.5	20.2
6 10	14 10.24	−13 4.4	2.301	3.108	13.2	20.3

411726 2012 BQ_{29} 5 1.5 69.°02 1.°9/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 0.02	−13 4.3	1.382	2.274	14.6	21.3
4 11	14 53.88	−12 21.5	1.336	2.289	10.2	21.1
4 21	14 45.54	−11 31.9	1.313	2.305	5.3	20.8
5 1	14 36.09	−10 41.2	1.315	2.320	1.9	20.7
5 11	14 26.87	− 9 55.8	1.342	2.336	5.8	20.9
5 21	14 19.02	− 9 21.5	1.395	2.352	10.4	21.2
5 31	14 13.43	− 9 2.1	1.470	2.368	14.5	21.5
6 10	14 10.53	− 8 59.1	1.563	2.384	17.8	21.8

132672 2002 NP_{9} 5 1.5 295.°95 0.°2/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.40	−18 10.0	1.820	2.697	12.4	19.6
4 11	14 51.30	−17 35.8	1.736	2.681	8.9	19.3
4 21	14 44.25	−16 50.1	1.677	2.666	4.8	19.1
5 1	14 36.03	−15 55.9	1.643	2.651	0.4	18.7
5 11	14 27.67	−14 58.5	1.637	2.636	4.2	19.0
5 21	14 20.15	−14 3.7	1.658	2.621	8.6	19.2
5 31	14 14.35	−13 17.0	1.702	2.606	12.5	19.4
6 10	14 10.84	−12 42.9	1.767	2.591	15.9	19.6

153943 2001 YH_{127} 5 1.5 213.°94 1.°1/ 2.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.33	−19 15.5	2.089	2.951	11.7	20.2
4 11	14 53.84	−19 8.6	2.009	2.945	8.4	19.9
4 21	14 45.51	−18 52.1	1.953	2.939	4.7	19.7
5 1	14 36.10	−18 27.5	1.925	2.932	1.2	19.4
5 11	14 26.58	−17 57.9	1.926	2.924	3.7	19.6
5 21	14 17.89	−17 27.3	1.955	2.916	7.6	19.8
5 31	14 10.84	−17 0.2	2.009	2.908	11.1	20.0
6 10	14 5.96	−16 40.3	2.085	2.899	14.2	20.2

96369 1997 XM_{2} 5 1.5 226.°91 2.°0/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.44	−11 13.0	1.803	2.681	12.5	19.8
4 11	14 55.51	−10 48.7	1.723	2.670	8.8	19.5
4 21	14 46.47	−10 20.0	1.668	2.658	4.7	19.2
5 1	14 36.15	− 9 50.4	1.641	2.646	2.0	19.0
5 11	14 25.66	− 9 24.5	1.641	2.632	5.4	19.2
5 21	14 16.10	− 9 6.4	1.669	2.619	9.6	19.4
5 31	14 8.38	− 8 59.5	1.721	2.604	13.5	19.6
6 10	14 3.10	− 9 5.7	1.793	2.589	16.8	19.8

425216 2009 VW_{61} 5 1.5 176.°70 0.°7/ 1.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.60	−14 20.1	2.146	3.017	11.0	22.1
4 11	14 53.16	−13 59.7	2.075	3.019	7.7	21.9
4 21	14 45.07	−13 33.5	2.031	3.021	4.0	21.7
5 1	14 36.08	−13 4.1	2.015	3.022	0.7	21.4
5 11	14 27.07	−12 35.3	2.027	3.022	4.0	21.7
5 21	14 18.91	−12 10.6	2.068	3.022	7.7	21.9
5 31	14 12.31	−11 53.3	2.134	3.022	11.1	22.1
6 10	14 7.73	−11 45.8	2.221	3.021	13.9	22.3

160717 2000 QS_{118} 5 1.5 125.°09 2.°2/ 3.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.15	−23 11.3	1.695	2.554	14.1	19.2
4 11	14 55.23	−22 46.2	1.636	2.568	10.3	19.0
4 21	14 46.22	−22 5.3	1.600	2.582	6.1	18.8
5 1	14 36.14	−21 11.1	1.591	2.595	2.4	18.5
5 11	14 26.21	−20 8.7	1.609	2.608	4.3	18.7
5 21	14 17.54	−19 5.1	1.655	2.620	8.4	19.0
5 31	14 10.98	−18 6.9	1.725	2.631	12.2	19.2
6 10	14 6.98	−17 19.6	1.815	2.642	15.5	19.5

145486 2005 UJ_{438} 5 1.5 47.°92 0.°2/ 2.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 41.49	−18 27.7	14.693	15.547	2.0	22.8
4 11	14 39.71	−18 20.0	14.638	15.571	1.4	22.8
4 21	14 37.76	−18 11.2	14.610	15.595	0.8	22.7
5 1	14 35.72	−18 1.5	14.612	15.619	0.2	22.6
5 11	14 33.68	−17 51.4	14.645	15.643	0.6	22.7
5 21	14 31.74	−17 41.3	14.706	15.666	1.2	22.8
5 31	14 29.97	−17 31.6	14.796	15.690	1.8	22.9
6 10	14 28.44	−17 22.9	14.912	15.714	2.3	22.9

273595 2007 CR_{58} 5 1.5 111.°72 12.°7/20.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.48	+18 57.3	1.791	2.627	14.5	20.1
4 11	14 53.17	+20 21.9	1.760	2.632	13.2	20.0
4 21	14 45.06	+21 22.7	1.752	2.637	12.7	20.0
5 1	14 36.08	+21 52.7	1.766	2.641	13.3	20.0
5 11	14 27.29	+21 48.6	1.801	2.646	14.6	20.1
5 21	14 19.63	+21 11.3	1.856	2.651	16.2	20.2
5 31	14 13.83	+20 4.6	1.929	2.655	18.0	20.4
6 10	14 10.29	+18 34.5	2.016	2.660	19.5	20.5

267314 2001 TC_{161} 5 1.5 132.°91 1.°7/ 2.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.34	−21 38.1	2.215	3.067	11.5	21.8
4 11	14 54.29	−21 28.2	2.153	3.083	8.3	21.6
4 21	14 45.62	−21 7.5	2.117	3.098	4.9	21.4
5 1	14 36.11	−20 37.3	2.108	3.112	1.8	21.2
5 11	14 26.71	−20 1.1	2.129	3.126	3.5	21.4
5 21	14 18.25	−19 23.0	2.178	3.140	6.9	21.6
5 31	14 11.44	−18 47.5	2.254	3.152	10.1	21.8
6 10	14 6.70	−18 18.4	2.352	3.164	12.8	22.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
510389 2011 UR_{83}			5 1.5 211°.20	0°.9/ 2.5 18		
	h m	° ′			°	m
4 1	14 56.03	−19 59.1	2.927	3.781	9.0	23.1
4 11	14 50.42	−19 41.6	2.842	3.774	6.4	22.9
4 21	14 43.56	−19 16.2	2.783	3.767	3.6	22.7
5 1	14 36.01	−18 44.5	2.753	3.759	1.0	22.5
5 11	14 28.42	−18 9.1	2.753	3.751	2.8	22.7
5 21	14 21.39	−17 33.0	2.783	3.743	5.7	22.8
5 31	14 15.47	−16 59.5	2.839	3.734	8.4	23.0
6 10	14 11.08	−16 31.5	2.919	3.725	10.8	23.2
382153 2012 EX_{14}			5 1.5 87°.60	1°.6/ 1.4 17		
4 1	15 19.64	− 7 6.1	0.990	1.874	19.7	19.7
4 11	15 8.82	− 8 40.4	0.937	1.884	14.1	19.4
4 21	14 53.91	−10 22.9	0.905	1.895	7.5	19.1
5 1	14 36.56	−12 9.7	0.898	1.905	1.6	18.8
5 11	14 19.18	−13 55.7	0.918	1.915	7.0	19.1
5 21	14 4.06	−15 37.0	0.963	1.925	13.3	19.5
5 31	13 52.81	−17 13.3	1.031	1.935	18.7	19.9
6 10	13 46.13	−18 46.1	1.116	1.944	23.0	20.2
48252 2001 TL_{212}			5 1.5 201°.73	0°.3/ 2.0 18		
4 1	14 49.22	−18 34.6	4.379	5.237	6.1	19.6
4 11	14 45.36	−18 3.4	4.300	5.236	4.3	19.4
4 21	14 40.80	−17 27.5	4.249	5.236	2.3	19.3
5 1	14 35.88	−16 48.3	4.228	5.235	0.4	19.1
5 11	14 30.97	−16 7.8	4.237	5.234	1.9	19.3
5 21	14 26.42	−15 28.3	4.276	5.234	3.9	19.4
5 31	14 22.53	−14 51.6	4.342	5.233	5.8	19.5
6 10	14 19.57	−14 19.6	4.433	5.233	7.5	19.7
361002 2005 UB_{486}			5 1.5 182°.65	7°.4/10.2 18		
4 1	15 3.39	−46 45.9	3.342	4.034	11.3	22.2
4 11	14 55.87	−47 26.6	3.256	4.035	10.0	22.1
4 21	14 46.56	−47 49.3	3.191	4.035	8.7	22.0
5 1	14 36.18	−47 51.6	3.150	4.034	7.8	22.0
5 11	14 25.65	−47 33.3	3.135	4.033	7.4	21.9
5 21	14 15.86	−46 56.7	3.146	4.032	7.9	22.0
5 31	14 7.61	−46 5.9	3.182	4.030	8.9	22.0
6 10	14 1.41	−45 6.6	3.241	4.027	10.2	22.1
75684 2000 AN_{99}			5 1.5 112°.31	3°.7/29.3 18		
4 1	15 0.80	− 7 23.4	1.583	2.471	13.3	18.4
4 11	14 54.31	− 6 47.8	1.528	2.479	9.4	18.2
4 21	14 45.76	− 6 12.0	1.498	2.486	5.4	18.0
5 1	14 36.14	− 5 41.0	1.493	2.493	3.8	17.9
5 11	14 26.61	− 5 20.0	1.516	2.500	6.7	18.1
5 21	14 18.25	− 5 12.3	1.563	2.506	10.6	18.3
5 31	14 11.90	− 5 19.9	1.633	2.513	14.3	18.6
6 10	14 8.07	− 5 42.8	1.723	2.519	17.4	18.8
123594 2000 XF_{49}			5 1.5 111°.30	3°.0/29.4 18		
4 1	15 0.21	− 6 59.5	2.033	2.913	11.2	20.0
4 11	14 53.50	− 6 36.7	1.981	2.927	7.9	19.8
4 21	14 45.20	− 6 14.5	1.955	2.942	4.5	19.6
5 1	14 36.11	− 5 56.4	1.956	2.955	3.1	19.5
5 11	14 27.14	− 5 45.7	1.986	2.969	5.5	19.7
5 21	14 19.14	− 5 44.9	2.043	2.982	8.8	19.9
5 31	14 12.76	− 5 55.3	2.125	2.995	11.8	20.1
6 10	14 8.43	− 6 17.2	2.227	3.007	14.4	20.3
169006 2001 DU_{37}			5 1.5 120°.63	0°.7/ 2.0 18		
4 1	15 2.29	−18 35.0	1.729	2.598	13.4	20.9
4 11	14 55.26	−18 16.8	1.673	2.613	9.5	20.7
4 21	14 46.23	−17 47.8	1.640	2.628	5.1	20.5
5 1	14 36.17	−17 10.7	1.635	2.642	0.8	20.2
5 11	14 26.25	−16 30.2	1.657	2.655	4.2	20.5
5 21	14 17.52	−15 51.4	1.706	2.668	8.5	20.8
5 31	14 10.81	−15 19.3	1.780	2.681	12.2	21.0
6 10	14 6.59	−14 57.7	1.875	2.692	15.4	21.3
51346 2000 QX_{158}			5 1.5 285°.28	0°.9/ 2.9 18		
4 1	14 49.73	−21 23.6	4.250	5.099	6.5	19.2
4 11	14 45.75	−21 2.9	4.168	5.096	4.7	19.0
4 21	14 41.03	−20 36.4	4.113	5.094	2.7	18.9
5 1	14 35.90	−20 5.2	4.087	5.092	1.0	18.7
5 11	14 30.78	−19 31.2	4.092	5.090	2.0	18.8
5 21	14 26.02	−18 56.5	4.126	5.087	3.9	19.0
5 31	14 21.96	−18 23.1	4.187	5.085	5.8	19.1
6 10	14 18.88	−17 53.2	4.274	5.083	7.5	19.2
276105 2002 EW_{157}			5 1.5 109°.74	2°.4/29.4 18		
4 1	14 59.39	−10 4.4	2.284	3.159	10.3	22.3
4 11	14 52.69	− 9 8.3	2.241	3.186	7.1	22.1
4 21	14 44.69	− 8 10.0	2.224	3.213	3.9	21.9
5 1	14 36.09	− 7 13.8	2.237	3.238	2.4	21.9
5 11	14 27.72	− 6 24.3	2.280	3.263	4.8	22.1
5 21	14 20.27	− 5 45.0	2.350	3.287	7.9	22.3
5 31	14 14.30	− 5 18.1	2.446	3.311	10.7	22.5
6 10	14 10.16	− 5 4.6	2.564	3.333	13.0	22.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
317770 2003 SO_{117}			5 1.5 285°.52	3°.6/ 3.3 17		
	h m	° ′			°	m
4 1	15 2.66	−23 24.1	1.508	2.371	15.3	20.8
4 11	14 56.45	−23 47.2	1.414	2.346	11.6	20.5
4 21	14 47.35	−23 55.5	1.341	2.320	7.4	20.2
5 1	14 36.26	−23 47.7	1.294	2.295	3.8	19.9
5 11	14 24.56	−23 25.5	1.272	2.268	5.5	19.9
5 21	14 13.77	−22 53.5	1.275	2.242	10.1	20.1
5 31	14 5.25	−22 19.0	1.301	2.215	14.8	20.3
6 10	13 59.90	−21 49.5	1.346	2.189	19.0	20.5
357741 2005 SO_{14}			5 1.5 222°.25	0°.2/ 1.4 18		
4 1	14 55.95	−15 53.5	2.753	3.619	9.1	21.8
4 11	14 50.41	−15 32.3	2.670	3.611	6.4	21.6
4 21	14 43.59	−15 5.4	2.614	3.603	3.3	21.4
5 1	14 36.05	−14 34.7	2.586	3.594	0.2	21.1
5 11	14 28.45	−14 3.2	2.589	3.585	3.1	21.4
5 21	14 21.43	−13 33.9	2.620	3.575	6.2	21.5
5 31	14 15.56	−13 9.7	2.677	3.566	9.1	21.7
6 10	14 11.26	−12 53.0	2.758	3.556	11.5	21.9
200216 1999 TW_{184}			5 1.5 215°.48	4°.0/ 5.4 18		
4 1	14 59.28	−30 27.6	2.440	3.257	11.7	21.9
4 11	14 53.01	−30 15.0	2.350	3.249	9.2	21.7
4 21	14 45.06	−29 45.8	2.284	3.241	6.5	21.5
5 1	14 36.13	−29 0.3	2.245	3.232	4.3	21.4
5 11	14 27.13	−28 1.0	2.234	3.222	4.5	21.4
5 21	14 18.92	−26 52.8	2.252	3.212	6.9	21.5
5 31	14 12.25	−25 41.5	2.297	3.201	9.7	21.7
6 10	14 7.60	−24 33.1	2.365	3.189	12.4	21.8
377411 2004 TE_{95}			5 1.5 250°.36	0°.3/ 1.8 17		
4 1	14 58.80	−17 29.2	1.905	2.778	12.2	21.6
4 11	14 52.89	−17 12.9	1.827	2.770	8.7	21.4
4 21	14 45.08	−16 47.4	1.773	2.762	4.7	21.2
5 1	14 36.13	−16 15.0	1.746	2.754	0.5	20.8
5 11	14 27.08	−15 39.6	1.747	2.745	4.0	21.1
5 21	14 18.90	−15 5.8	1.775	2.737	8.2	21.3
5 31	14 12.43	−14 38.1	1.828	2.728	12.0	21.5
6 10	14 8.22	−14 20.3	1.901	2.720	15.2	21.7
418093 2007 VH_{334}			5 1.5 152°.59	0°.0/ 1.6 16		
4 1	15 1.99	−16 55.3	1.905	2.773	12.4	22.4
4 11	14 54.96	−16 33.6	1.841	2.782	8.7	22.1
4 21	14 46.07	−16 3.2	1.802	2.790	4.6	21.9
5 1	14 36.18	−15 26.7	1.790	2.798	0.3	21.6
5 11	14 26.36	−14 48.5	1.808	2.805	4.1	21.9
5 21	14 17.57	−14 13.0	1.853	2.811	8.2	22.2
5 31	14 10.62	−13 44.8	1.923	2.817	11.8	22.4
6 10	14 5.97	−13 27.0	2.014	2.821	14.8	22.6
89207 2001 UJ_{99}			5 1.5 271°.56	1°.6/30.4 18		
4 1	14 57.90	−13 24.8	1.691	2.576	12.7	19.5
4 11	14 52.38	−12 42.3	1.618	2.568	8.9	19.3
4 21	14 44.84	−11 52.3	1.569	2.561	4.7	19.0
5 1	14 36.12	−10 59.3	1.547	2.553	1.6	18.8
5 11	14 27.33	−10 9.1	1.551	2.545	5.3	19.0
5 21	14 19.50	− 9 27.3	1.582	2.537	9.6	19.2
5 31	14 13.51	− 8 58.4	1.636	2.529	13.5	19.5
6 10	14 9.91	− 8 45.0	1.709	2.521	16.9	19.7
437143 2012 VH_{12}			5 1.5 232°.54	1°.3/30.5 17		
4 1	14 57.31	−12 48.5	2.185	3.062	10.6	21.8
4 11	14 51.60	−12 20.5	2.109	3.056	7.4	21.6
4 21	14 44.30	−11 47.7	2.059	3.049	3.9	21.3
5 1	14 36.10	−11 13.1	2.036	3.042	1.3	21.1
5 11	14 27.84	−10 40.6	2.042	3.035	4.3	21.3
5 21	14 20.32	−10 13.9	2.076	3.028	7.9	21.5
5 31	14 14.26	− 9 56.2	2.135	3.021	11.1	21.7
6 10	14 10.11	− 9 49.4	2.215	3.013	14.0	21.9
172453 2003 QD_{93}			5 1.5 283°.43	0°.3/ 1.4 17		
4 1	15 1.83	−14 50.4	1.445	2.330	14.6	20.1
4 11	14 55.61	−14 50.1	1.366	2.315	10.4	19.8
4 21	14 46.76	−14 42.4	1.310	2.301	5.5	19.4
5 1	14 36.24	−14 29.3	1.279	2.286	0.4	19.0
5 11	14 25.39	−14 14.8	1.274	2.272	5.2	19.3
5 21	14 15.62	−14 3.6	1.293	2.257	10.4	19.6
5 31	14 8.08	−14 0.2	1.336	2.242	15.1	19.8
6 10	14 3.52	−14 8.2	1.397	2.228	19.0	20.0
175890 1999 XB_{5}			5 1.5 183°.96	1°.7/30.3 17		
4 1	15 0.44	−12 9.3	1.963	2.840	11.6	20.8
4 11	14 53.87	−11 32.0	1.894	2.840	8.1	20.6
4 21	14 45.51	−10 49.6	1.850	2.840	4.3	20.4
5 1	14 36.17	−10 6.0	1.835	2.840	1.8	20.2
5 11	14 26.83	− 9 25.9	1.847	2.838	4.9	20.4
5 21	14 18.41	− 8 53.6	1.888	2.836	8.7	20.6
5 31	14 11.68	− 8 32.6	1.953	2.834	12.2	20.8
6 10	14 7.12	− 8 24.6	2.038	2.830	15.2	21.0

329030 2011 AO_{25} 5 1.5 151°.94 1°.1/30.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 59.62	−13 46.1	1.760	2.641	12.6	21.0
4 11	14 53.45	−13 19.5	1.696	2.644	8.8	20.8
4 21	14 45.34	−12 46.4	1.655	2.646	4.6	20.5
5 1	14 36.16	−12 10.5	1.642	2.649	1.1	20.3
5 11	14 27.00	−11 36.4	1.656	2.651	4.8	20.5
5 21	14 18.86	−11 8.7	1.697	2.653	9.0	20.8
5 31	14 12.56	−10 51.0	1.761	2.655	12.7	21.0
6 10	14 8.61	−10 45.9	1.846	2.657	15.9	21.2

124408 2001 QN_{208} 5 1.5 170°.27 3°.7/ 3.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 4.75	−24 43.3	1.616	2.468	15.0	20.4
4 11	14 57.42	−24 58.2	1.546	2.471	11.3	20.2
4 21	14 47.59	−24 56.6	1.498	2.474	7.2	20.0
5 1	14 36.28	−24 38.3	1.477	2.476	3.9	19.8
5 11	14 24.90	−24 6.3	1.482	2.478	5.1	19.9
5 21	14 14.75	−23 26.0	1.514	2.479	9.1	20.1
5 31	14 6.91	−22 44.7	1.570	2.479	13.1	20.3
6 10	14 1.99	−22 8.9	1.646	2.479	16.5	20.5

70535 1999 TU_{121} 5 1.5 130°.83 2°.2/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.14	−21 29.4	1.741	2.601	13.7	18.8
4 11	14 55.99	−21 34.7	1.678	2.611	10.0	18.6
4 21	14 46.70	−21 27.4	1.639	2.621	5.9	18.3
5 1	14 36.23	−21 8.3	1.626	2.630	2.3	18.1
5 11	14 25.80	−20 40.8	1.641	2.639	4.3	18.3
5 21	14 16.54	−20 9.8	1.683	2.648	8.4	18.5
5 31	14 9.34	−19 40.8	1.750	2.656	12.1	18.8
6 10	14 4.74	−19 18.6	1.838	2.663	15.3	19.0

382889 2004 PG_{54} 5 1.5 247°.83 2°.0/ 3.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.27	−22 36.0	2.024	2.880	12.3	21.4
4 11	14 53.25	−22 21.8	1.936	2.867	9.0	21.1
4 21	14 45.29	−21 54.4	1.872	2.853	5.4	20.9
5 1	14 36.17	−21 14.9	1.834	2.838	2.2	20.6
5 11	14 26.87	−20 27.0	1.825	2.823	3.9	20.7
5 21	14 18.39	−19 35.6	1.844	2.808	7.7	20.9
5 31	14 11.58	−18 46.5	1.887	2.792	11.4	21.1
6 10	14 7.03	−18 4.8	1.953	2.776	14.6	21.3

153757 2001 UN_{210} 5 1.5 212°.77 1°.1/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 48.82	− 9 41.6	4.829	5.702	5.3	21.0
4 11	14 45.04	− 9 17.2	4.754	5.699	3.7	20.9
4 21	14 40.65	− 8 51.9	4.707	5.696	2.0	20.8
5 1	14 35.92	− 8 27.1	4.690	5.692	1.2	20.7
5 11	14 31.20	− 8 4.7	4.703	5.689	2.5	20.8
5 21	14 26.77	− 7 45.8	4.746	5.685	4.2	20.9
5 31	14 22.91	− 7 31.8	4.815	5.681	5.8	21.0
6 10	14 19.86	− 7 23.5	4.908	5.677	7.2	21.2

468635 2008 SB_{31} 5 1.6 276°.97 0°.3/ 1.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.15	−18 53.6	1.960	2.829	12.0	22.2
4 11	14 52.56	−18 11.7	1.860	2.802	8.6	22.0
4 21	14 44.99	−17 16.8	1.786	2.774	4.7	21.7
5 1	14 36.16	−16 11.9	1.738	2.745	0.5	21.3
5 11	14 27.06	−15 2.0	1.719	2.717	4.1	21.5
5 21	14 18.69	−13 53.3	1.727	2.687	8.5	21.7
5 31	14 11.95	−12 52.2	1.760	2.658	12.5	21.9
6 10	14 7.46	−12 3.6	1.814	2.628	16.0	22.1

380601 2004 SD_{54} 5 1.6 212°.21 5°.2/26.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.07	− 4 6.3	1.977	2.864	11.1	20.7
4 11	14 50.76	− 2 25.2	1.915	2.861	8.1	20.5
4 21	14 43.86	− 0 44.2	1.879	2.857	5.7	20.3
5 1	14 36.09	+ 0 49.3	1.871	2.853	5.6	20.3
5 11	14 28.35	+ 2 8.3	1.890	2.849	7.9	20.4
5 21	14 21.43	+ 3 7.8	1.936	2.844	10.9	20.6
5 31	14 16.04	+ 3 45.3	2.004	2.839	13.8	20.8
6 10	14 12.62	+ 4 0.8	2.091	2.834	16.3	20.9

137909 2000 AN_{235} 5 1.6 42°.63 2°.8/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.21	−23 27.8	1.343	2.217	16.1	19.2
4 11	14 53.62	−23 16.7	1.289	2.228	11.9	19.0
4 21	14 45.56	−22 47.3	1.256	2.239	7.2	18.8
5 1	14 36.18	−22 1.6	1.247	2.251	3.1	18.6
5 11	14 26.92	−21 5.7	1.263	2.263	4.9	18.7
5 21	14 19.09	−20 7.1	1.304	2.275	9.5	19.0
5 31	14 13.67	−19 13.8	1.367	2.288	13.8	19.3
6 10	14 11.15	−18 31.9	1.450	2.301	17.4	19.5

38729 2000 QP_{137} 5 1.6 247°.67 1°.1/ 2.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.23	−19 39.6	1.779	2.644	13.2	20.2
4 11	14 55.60	−19 25.4	1.688	2.626	9.6	20.0
4 21	14 46.66	−18 58.9	1.621	2.607	5.4	19.7
5 1	14 36.25	−18 21.5	1.581	2.587	1.3	19.3
5 11	14 25.55	−17 37.3	1.568	2.567	4.3	19.5
5 21	14 15.73	−16 51.8	1.583	2.546	8.9	19.7
5 31	14 7.83	−16 10.9	1.622	2.524	13.2	19.9
6 10	14 2.52	−15 40.0	1.682	2.501	16.8	20.1

386143 2007 TH_{159} 5 1.6 170°.28 1°.5/ 3.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 57.67	−22 3.5	2.592	3.442	10.1	21.8
4 11	14 51.67	−21 48.1	2.517	3.445	7.4	21.6
4 21	14 44.27	−21 22.8	2.467	3.448	4.3	21.4
5 1	14 36.12	−20 49.0	2.446	3.450	1.7	21.2
5 11	14 27.97	−20 9.7	2.455	3.452	3.1	21.4
5 21	14 20.53	−19 28.5	2.492	3.454	6.2	21.6
5 31	14 14.42	−18 49.3	2.556	3.455	9.0	21.7
6 10	14 10.04	−18 15.8	2.643	3.456	11.6	21.9

316811 1999 VF_{121} 5 1.6 268°.35 0°.5/ 1.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.28	−17 51.1	1.877	2.750	12.3	21.5
4 11	14 52.53	−17 35.4	1.803	2.746	8.8	21.3
4 21	14 44.89	−17 10.2	1.753	2.741	4.7	21.0
5 1	14 36.15	−16 37.8	1.729	2.737	0.6	20.7
5 11	14 27.34	−16 2.3	1.734	2.732	4.0	20.9
5 21	14 19.43	−15 28.2	1.765	2.728	8.2	21.2
5 31	14 13.26	−15 0.1	1.820	2.723	11.9	21.4
6 10	14 9.33	−14 41.7	1.897	2.719	15.1	21.6

277582 2005 YS_{237} 5 1.6 1°.28 1°.5/ 2.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.84	−20 26.4	1.387	2.271	15.1	20.4
4 11	14 51.28	−20 8.2	1.323	2.269	10.9	20.2
4 21	14 44.37	−19 34.9	1.280	2.269	6.2	19.9
5 1	14 36.13	−18 49.5	1.262	2.269	1.7	19.6
5 11	14 27.85	−17 57.8	1.269	2.270	4.7	19.8
5 21	14 20.77	−17 6.6	1.300	2.272	9.5	20.1
5 31	14 15.87	−16 22.9	1.354	2.274	13.9	20.3
6 10	14 13.72	−15 51.9	1.426	2.278	17.6	20.6

31210 1998 BX_{7} 5 1.6 135°.19 3°.1/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.11	− 5 23.8	2.801	3.672	8.8	22.0
4 11	14 52.37	− 4 32.0	2.753	3.693	6.2	21.8
4 21	14 44.51	− 3 41.1	2.732	3.713	3.9	21.7
5 1	14 36.14	− 2 55.0	2.742	3.733	3.3	21.7
5 11	14 27.91	− 2 16.9	2.782	3.751	5.0	21.8
5 21	14 20.41	− 1 49.2	2.850	3.768	7.5	22.0
5 31	14 14.13	− 1 33.5	2.945	3.785	9.8	22.2
6 10	14 9.40	− 1 30.0	3.062	3.800	11.7	22.3

127130 2002 GG_{105} 5 1.6 99°.69 5°.7/27.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.87	− 1 27.2	1.838	2.724	11.8	19.5
4 11	14 52.03	− 0 29.0	1.788	2.732	8.8	19.3
4 21	14 44.51	+ 0 24.3	1.763	2.739	6.2	19.2
5 1	14 36.14	+ 1 6.8	1.765	2.747	5.9	19.2
5 11	14 27.88	+ 1 33.7	1.793	2.754	8.0	19.3
5 21	14 20.60	+ 1 42.4	1.846	2.762	11.0	19.5
5 31	14 14.99	+ 1 32.2	1.922	2.769	13.9	19.7
6 10	14 11.49	+ 1 4.5	2.016	2.776	16.4	19.9

33234 1998 GL_{7} 5 1.6 104°.44 9°.1/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.39	+ 4 35.4	1.534	2.418	13.9	18.0
4 11	14 53.26	+ 6 9.1	1.497	2.429	11.0	17.9
4 21	14 45.19	+ 7 30.6	1.483	2.440	9.2	17.8
5 1	14 36.18	+ 8 31.0	1.494	2.451	9.5	17.8
5 11	14 27.37	+ 9 4.4	1.529	2.461	11.5	18.0
5 21	14 19.78	+ 9 9.1	1.587	2.472	14.3	18.2
5 31	14 14.19	+ 8 46.4	1.665	2.482	17.0	18.4
6 10	14 11.02	+ 8 0.3	1.759	2.491	19.3	18.6

353107 2009 EP_{28} 5 1.6 309°.47 4°.1/28.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.01	− 3 50.7	2.025	2.909	11.0	19.7
4 11	14 52.16	− 3 29.4	1.956	2.902	8.0	19.5
4 21	14 44.63	− 3 11.2	1.912	2.894	5.1	19.3
5 1	14 36.16	− 2 59.8	1.895	2.888	4.2	19.3
5 11	14 27.63	− 2 58.6	1.905	2.881	6.4	19.4
5 21	14 19.89	− 3 9.9	1.942	2.874	9.6	19.6
5 31	14 13.69	− 3 34.5	2.002	2.868	12.7	19.7
6 10	14 9.51	− 4 12.1	2.083	2.861	15.3	19.9

313669 2003 SP_{207} 5 1.6 142°.81 0°.3/ 1.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.71	−17 35.8	1.823	2.692	12.8	20.9
4 11	14 54.85	−17 13.5	1.761	2.702	9.0	20.7
4 21	14 46.05	−16 41.5	1.723	2.712	4.8	20.5
5 1	14 36.24	−16 2.6	1.713	2.720	0.4	20.1
5 11	14 26.50	−15 21.4	1.731	2.729	4.1	20.4
5 21	14 17.85	−14 42.8	1.776	2.736	8.3	20.7
5 31	14 11.10	−14 11.5	1.846	2.743	12.0	20.9
6 10	14 6.72	−13 50.9	1.937	2.750	15.1	21.2

333903 1999 RE_{127} 5 1.6 234°.61 4°.2/ 5.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.36	−30 41.3	2.522	3.335	11.5	22.1
4 11	14 53.84	−30 39.9	2.423	3.319	9.1	21.9
4 21	14 45.56	−30 22.8	2.348	3.302	6.5	21.7
5 1	14 36.22	−29 49.3	2.301	3.285	4.5	21.6
5 11	14 26.71	−29 1.6	2.281	3.267	4.7	21.6
5 21	14 17.91	−28 3.5	2.291	3.248	6.9	21.7
5 31	14 10.60	−27 0.6	2.327	3.228	9.7	21.8
6 10	14 5.32	−25 58.9	2.387	3.208	12.4	22.0

501928 2014 WL_{494} 5 1.6 115°.23 6°.3/26.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 57.80	+ 0 24.8	1.938	2.821	11.5	21.5
4 11	14 51.86	+ 1 44.1	1.896	2.834	8.7	21.3
4 21	14 44.38	+ 2 57.0	1.879	2.847	6.6	21.2
5 1	14 36.15	+ 3 57.0	1.889	2.860	6.6	21.3
5 11	14 28.08	+ 4 39.1	1.926	2.873	8.5	21.4
5 21	14 20.97	+ 5 0.5	1.987	2.885	11.2	21.6
5 31	14 15.47	+ 5 1.0	2.071	2.897	13.8	21.8
6 10	14 11.96	+ 4 42.3	2.174	2.908	16.0	22.0

81173 2000 EY_{167} 5 1.6 84°.93 3°.5/ 3.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.61	−24 23.8	1.990	2.835	12.9	19.0
4 11	14 55.54	−24 59.1	1.924	2.845	9.7	18.8
4 21	14 46.47	−25 21.9	1.883	2.855	6.3	18.6
5 1	14 36.27	−25 31.3	1.869	2.865	3.7	18.5
5 11	14 26.02	−25 29.0	1.883	2.875	4.6	18.6
5 21	14 16.77	−25 18.2	1.924	2.885	7.7	18.8
5 31	14 9.38	−25 3.6	1.990	2.895	10.9	19.0
6 10	14 4.39	−24 50.0	2.079	2.905	13.8	19.2

511780 2015 EM_{8} 5 1.6 20°.93 2°.2/ 3.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.68	−21 56.4	1.687	2.555	13.7	21.2
4 11	14 52.99	−21 53.0	1.620	2.556	10.1	20.9
4 21	14 45.19	−21 35.8	1.575	2.558	6.0	20.7
5 1	14 36.20	−21 6.6	1.557	2.561	2.4	20.5
5 11	14 27.19	−20 29.1	1.564	2.563	4.3	20.6
5 21	14 19.24	−19 48.7	1.598	2.566	8.4	20.8
5 31	14 13.25	−19 11.4	1.656	2.569	12.3	21.1
6 10	14 9.77	−18 42.0	1.734	2.572	15.6	21.3

360037 2013 AO_{41} 5 1.6 218°.88 4°.2/27.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.45	− 2 18.7	2.504	3.384	9.3	21.5
4 11	14 50.10	− 1 33.4	2.438	3.379	6.9	21.3
4 21	14 43.45	− 0 50.9	2.398	3.375	4.8	21.1
5 1	14 36.11	− 0 15.2	2.386	3.370	4.4	21.1
5 11	14 28.76	+ 0 10.0	2.403	3.366	6.2	21.2
5 21	14 22.06	+ 0 22.4	2.446	3.361	8.7	21.4
5 31	14 16.57	+ 0 20.8	2.514	3.355	11.2	21.5
6 10	14 12.69	+ 0 5.3	2.602	3.350	13.3	21.7

271099 2003 QB_{78} 5 1.6 258°.45 1°.6/30.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.39	−13 10.5	2.330	3.204	10.2	20.7
4 11	14 51.71	−12 15.5	2.234	3.180	7.1	20.5
4 21	14 44.43	−11 13.3	2.165	3.155	3.8	20.2
5 1	14 36.18	−10 7.8	2.125	3.130	1.6	20.0
5 11	14 27.77	− 9 3.9	2.114	3.104	4.5	20.2
5 21	14 19.98	− 8 6.5	2.132	3.077	8.1	20.4
5 31	14 13.53	− 7 20.0	2.175	3.050	11.4	20.5
6 10	14 8.91	− 6 47.0	2.239	3.022	14.3	20.7

278638 2008 RD_{3} 5 1.6 165°.49 0°.8/ 2.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.34	−19 20.5	2.010	2.877	11.9	21.3
4 11	14 52.44	−18 56.8	1.940	2.879	8.5	21.1
4 21	14 44.80	−18 22.6	1.894	2.880	4.7	20.9
5 1	14 36.20	−17 40.3	1.875	2.882	0.9	20.6
5 11	14 27.60	−16 54.3	1.885	2.883	3.7	20.8
5 21	14 19.90	−16 9.2	1.922	2.885	7.6	21.1
5 31	14 13.85	−15 29.9	1.984	2.886	11.1	21.3
6 10	14 9.93	−15 0.1	2.068	2.886	14.1	21.5

285724 2000 SX_{314} 5 1.6 205°.44 2°.6/ 4.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.17	−27 4.9	2.619	3.453	10.5	20.5
4 11	14 50.67	−26 31.5	2.535	3.449	7.9	20.4
4 21	14 43.79	−25 44.0	2.475	3.445	5.1	20.2
5 1	14 36.15	−24 44.1	2.444	3.441	2.8	20.0
5 11	14 28.51	−23 35.2	2.442	3.437	3.4	20.1
5 21	14 21.59	−22 22.1	2.469	3.432	6.1	20.2
5 31	14 15.99	−21 10.1	2.523	3.428	8.9	20.4
6 10	14 12.13	−20 3.8	2.601	3.422	11.5	20.6

163322 2002 JJ_{112} 5 1.6 292°.35 3°.4/ 4.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.62	−26 19.2	1.846	2.697	13.5	20.1
4 11	14 52.37	−26 3.3	1.751	2.675	10.3	19.8
4 21	14 44.97	−25 29.3	1.679	2.653	6.7	19.5
5 1	14 36.22	−24 38.0	1.633	2.632	3.7	19.3
5 11	14 27.23	−23 32.9	1.613	2.610	4.6	19.3
5 21	14 19.08	−22 20.2	1.620	2.588	8.3	19.5
5 31	14 12.75	−21 7.5	1.652	2.566	12.2	19.7
6 10	14 8.89	−20 1.9	1.705	2.545	15.7	19.8

332914 2011 BR_{104} 5 1.6 283°.86 7°.7/24.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.31	+ 1 36.1	1.716	2.604	12.4	20.6
4 11	14 51.26	+ 3 15.2	1.648	2.587	9.7	20.4
4 21	14 44.29	+ 4 49.6	1.604	2.569	7.9	20.2
5 1	14 36.19	+ 6 10.3	1.586	2.551	8.2	20.2
5 11	14 27.96	+ 7 9.7	1.593	2.533	10.5	20.3
5 21	14 20.60	+ 7 43.2	1.624	2.515	13.6	20.4
5 31	14 14.94	+ 7 49.2	1.674	2.497	16.7	20.6
6 10	14 11.53	+ 7 29.7	1.742	2.479	19.3	20.8

131559 2001 VU_{37} 5 1.6 69°.20 11°.9/27.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 9.48	+12 43.2	1.303	2.162	17.4	19.1
4 11	15 0.41	+13 0.8	1.272	2.181	14.5	18.9
4 21	14 48.94	+12 52.7	1.262	2.200	12.4	18.9
5 1	14 36.42	+12 13.2	1.275	2.219	12.0	18.9
5 11	14 24.43	+11 1.5	1.312	2.238	13.5	19.0
5 21	14 14.26	+ 9 22.0	1.372	2.257	16.0	19.2
5 31	14 6.79	+ 7 21.6	1.453	2.276	18.7	19.5
6 10	14 2.39	+ 5 7.6	1.551	2.295	21.1	19.7

145819 1998 TB_{2} 5 1.6 224°.14 1°.5/ 2.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.61	−20 48.5	1.941	2.802	12.5	20.7
4 11	14 54.22	−20 33.5	1.859	2.794	9.1	20.5
4 21	14 45.84	−20 6.4	1.800	2.784	5.2	20.2
5 1	14 36.27	−19 28.8	1.769	2.775	1.6	20.0
5 11	14 26.57	−18 44.5	1.766	2.765	3.9	20.1
5 21	14 17.76	−17 58.4	1.791	2.754	8.0	20.3
5 31	14 10.71	−17 16.2	1.840	2.743	11.8	20.5
6 10	14 5.99	−16 42.5	1.911	2.731	15.1	20.7

102023 1999 RA_{93} 5 1.6 287°.92 4°.6/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.49	− 7 44.6	1.499	2.394	13.5	19.8
4 11	14 53.20	− 6 31.6	1.413	2.366	9.7	19.5
4 21	14 45.51	− 5 12.9	1.350	2.338	6.0	19.2
5 1	14 36.27	− 3 56.1	1.313	2.310	4.8	19.0
5 11	14 26.67	− 2 49.6	1.302	2.281	8.2	19.1
5 21	14 17.95	− 2 0.9	1.314	2.253	12.7	19.3
5 31	14 11.21	− 1 34.7	1.349	2.224	17.0	19.5
6 10	14 7.18	− 1 32.7	1.400	2.195	20.7	19.7

512031 2015 MG_{59} 5 1.6 264°.74 9°.5/19.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.83	+19 59.9	2.792	3.606	10.5	21.6
4 11	14 50.35	+21 5.8	2.738	3.589	9.7	21.5
4 21	14 43.60	+21 56.2	2.707	3.571	9.5	21.5
5 1	14 36.16	+22 26.0	2.701	3.553	9.9	21.5
5 11	14 28.69	+22 32.6	2.718	3.535	11.0	21.5
5 21	14 21.84	+22 15.3	2.756	3.517	12.3	21.6
5 31	14 16.14	+21 35.4	2.814	3.499	13.7	21.7
6 10	14 12.01	+20 35.8	2.887	3.480	14.9	21.7

236151 2005 UU_{199} 5 1.6 179°.26 0°.8/ 1.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.64	−14 35.7	1.577	2.455	13.9	21.5
4 11	14 56.53	−14 17.4	1.510	2.456	9.8	21.3
4 21	14 47.10	−13 51.3	1.467	2.457	5.1	21.0
5 1	14 36.35	−13 20.5	1.451	2.458	0.8	20.7
5 11	14 25.57	−12 50.0	1.461	2.458	5.0	21.0
5 21	14 15.98	−12 24.6	1.499	2.457	9.7	21.3
5 31	14 8.55	−12 8.9	1.559	2.455	13.9	21.5
6 10	14 3.85	−12 5.6	1.640	2.453	17.4	21.7

12310 Londontario 5 1.6 227°.30 0°.8/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.94	−14 32.0	2.282	3.154	10.4	19.3
4 11	14 52.06	−14 0.4	2.200	3.144	7.3	19.0
4 21	14 44.59	−13 22.4	2.144	3.134	3.8	18.8
5 1	14 36.22	−12 40.9	2.116	3.123	0.8	18.5
5 11	14 27.76	−11 59.8	2.117	3.112	3.9	18.8
5 21	14 20.01	−11 23.2	2.147	3.100	7.6	19.0
5 31	14 13.66	−10 54.6	2.201	3.088	10.8	19.1
6 10	14 9.20	−10 36.6	2.278	3.075	13.6	19.3

259330 2003 FE_{95} 5 1.6 351°.00 3°.8/ 4.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.29	−27 10.8	2.201	3.039	12.1	20.2
4 11	14 52.46	−27 24.8	2.124	3.038	9.3	20.0
4 21	14 44.86	−27 24.8	2.071	3.038	6.3	19.8
5 1	14 36.24	−27 10.7	2.045	3.037	4.0	19.6
5 11	14 27.53	−26 44.6	2.046	3.037	4.5	19.7
5 21	14 19.64	−26 10.3	2.075	3.037	7.2	19.8
5 31	14 13.36	−25 32.8	2.128	3.037	10.2	20.0
6 10	14 9.19	−24 57.2	2.205	3.036	12.9	20.2

304104 2006 HD_{73} 5 1.6 36°.74 4°.0/29.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.75	− 7 47.7	1.220	2.120	15.5	19.9
4 11	14 54.74	− 7 19.0	1.171	2.127	11.0	19.7
4 21	14 46.21	− 6 50.0	1.143	2.134	6.3	19.4
5 1	14 36.31	− 6 26.7	1.140	2.141	4.1	19.3
5 11	14 26.52	− 6 14.6	1.160	2.149	7.5	19.5
5 21	14 18.19	− 6 17.6	1.204	2.157	12.1	19.8
5 31	14 12.32	− 6 37.4	1.269	2.166	16.4	20.1
6 10	14 9.43	− 7 13.5	1.351	2.175	19.9	20.3

473193 2015 KZ_{75} 5 1.6 231°.55 4°.0/27.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.25	− 4 18.7	2.369	3.252	9.7	21.8
4 11	14 50.05	− 3 18.8	2.300	3.245	7.0	21.6
4 21	14 43.48	− 2 19.8	2.258	3.238	4.7	21.4
5 1	14 36.16	− 1 26.3	2.243	3.231	4.2	21.4
5 11	14 28.83	− 0 42.9	2.257	3.224	6.2	21.5
5 21	14 22.16	− 0 12.7	2.297	3.216	9.0	21.6
5 31	14 16.75	+ 0 2.1	2.361	3.208	11.6	21.8
6 10	14 13.03	+ 0 1.5	2.446	3.200	14.0	22.0

87603 2000 RD_{40} 5 1.6 162.°47 2.°2/ 3.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 59.01	−24 11.6	2.152	3.000	11.9	19.6
4 11	14 52.85	−23 44.0	2.079	3.005	8.8	19.4
4 21	14 45.00	−23 2.4	2.031	3.009	5.3	19.2
5 1	14 36.25	−22 8.8	2.010	3.013	2.4	19.0
5 11	14 27.53	−21 7.2	2.019	3.016	3.7	19.1
5 21	14 19.73	−20 3.2	2.055	3.019	7.1	19.3
5 31	14 13.55	−19 2.3	2.117	3.021	10.4	19.5
6 10	14 9.46	−18 9.5	2.202	3.023	13.3	19.7

198291 2004 TO_{302} 5 1.6 170.°97 1.°6/30.1 17

4 1	14 57.82	−12 14.1	2.263	3.139	10.4	21.4
4 11	14 51.86	−11 29.7	2.196	3.142	7.2	21.2
4 21	14 44.43	−10 40.7	2.155	3.145	3.8	21.0
5 1	14 36.22	− 9 50.8	2.142	3.147	1.7	20.9
5 11	14 28.03	− 9 4.4	2.159	3.149	4.4	21.1
5 21	14 20.64	− 8 25.5	2.203	3.150	7.8	21.3
5 31	14 14.67	− 7 57.1	2.273	3.151	10.9	21.5
6 10	14 10.55	− 7 41.1	2.364	3.151	13.5	21.6

313101 2000 WC_{70} 5 1.6 241.°97 2.°2/ 3.7 18

4 1	14 57.96	−24 20.3	2.891	3.728	9.5	22.3
4 11	14 51.95	−24 19.6	2.793	3.711	7.1	22.1
4 21	14 44.51	−24 8.9	2.720	3.693	4.5	21.9
5 1	14 36.23	−23 48.7	2.676	3.675	2.4	21.7
5 11	14 27.80	−23 20.7	2.662	3.656	3.2	21.8
5 21	14 19.90	−22 47.9	2.677	3.637	5.9	21.9
5 31	14 13.18	−22 13.9	2.719	3.617	8.6	22.1
6 10	14 8.09	−21 42.5	2.785	3.597	11.0	22.2

247889 2003 UA_{210} 5 1.6 197.°42 0.°9/ 2.2 17

4 1	15 0.95	−19 39.7	1.916	2.780	12.5	21.3
4 11	14 54.40	−19 12.7	1.840	2.777	9.0	21.0
4 21	14 45.91	−18 33.9	1.788	2.774	5.0	20.8
5 1	14 36.31	−17 45.7	1.763	2.770	1.0	20.5
5 11	14 26.65	−16 52.8	1.767	2.765	4.0	20.7
5 21	14 17.95	−16 0.5	1.798	2.760	8.1	20.9
5 31	14 11.04	−15 14.5	1.855	2.754	11.9	21.2
6 10	14 6.46	−14 38.9	1.933	2.748	15.1	21.4

519325 2011 FT_{20} 5 1.6 305.°57 1.°3/ 2.4 17

4 1	14 59.99	−18 57.5	1.733	2.605	13.2	21.6
4 11	14 53.93	−19 0.5	1.661	2.602	9.5	21.4
4 21	14 45.74	−18 53.3	1.612	2.599	5.3	21.1
5 1	14 36.30	−18 37.2	1.589	2.595	1.4	20.9
5 11	14 26.76	−18 15.6	1.594	2.593	4.2	21.1
5 21	14 18.20	−17 52.8	1.624	2.590	8.5	21.3
5 31	14 11.57	−17 33.5	1.679	2.587	12.4	21.5
6 10	14 7.42	−17 22.0	1.754	2.584	15.8	21.7

140491 2001 TA_{149} 5 1.6 93.°92 3.°9/28.7 18

4 1	14 58.15	− 7 24.4	1.685	2.575	12.5	19.7
4 11	14 52.39	− 6 24.9	1.632	2.583	8.8	19.5
4 21	14 44.79	− 5 24.4	1.604	2.591	5.3	19.3
5 1	14 36.25	− 4 29.1	1.602	2.599	4.1	19.3
5 11	14 27.81	− 3 44.9	1.626	2.606	6.8	19.4
5 21	14 20.43	− 3 16.1	1.676	2.614	10.5	19.7
5 31	14 14.88	− 3 4.8	1.749	2.621	13.9	19.9
6 10	14 11.59	− 3 11.3	1.841	2.629	16.7	20.1

93286 2000 SV_{191} 5 1.6 5.°74 0.°3/ 1.4 17

4 1	14 57.00	−17 2.3	1.549	2.434	13.7	19.1
4 11	14 51.87	−16 22.9	1.485	2.434	9.7	18.8
4 21	14 44.64	−15 32.3	1.444	2.435	5.1	18.6
5 1	14 36.24	−14 34.7	1.428	2.435	0.3	18.2
5 11	14 27.85	−13 36.4	1.438	2.436	4.7	18.5
5 21	14 20.56	−12 43.8	1.474	2.438	9.4	18.8
5 31	14 15.26	−12 2.8	1.533	2.440	13.5	19.0
6 10	14 12.45	−11 36.7	1.611	2.442	16.9	19.3

338529 2003 RO_{14} 5 1.6 258.°60 4.°3/ 4.9 17

4 1	15 0.25	−29 20.7	2.235	3.060	12.4	21.0
4 11	14 54.01	−29 26.2	2.135	3.040	9.7	20.8
4 21	14 45.79	−29 15.7	2.059	3.019	6.8	20.6
5 1	14 36.32	−28 48.3	2.009	2.998	4.6	20.4
5 11	14 26.58	−28 5.9	1.988	2.976	4.9	20.4
5 21	14 17.58	−27 12.6	1.993	2.953	7.6	20.5
5 31	14 10.21	−26 14.4	2.025	2.930	10.8	20.6
6 10	14 5.07	−25 17.7	2.079	2.907	13.7	20.8

18037 1999 NA_{38} 5 1.6 211.°49 3.°2/25.9 18

4 1	14 49.06	+ 2 37.4	4.759	5.627	5.5	19.1
4 11	14 45.23	+ 3 8.7	4.697	5.625	4.2	19.0
4 21	14 40.79	+ 3 36.4	4.663	5.622	3.4	18.9
5 1	14 36.04	+ 3 58.6	4.657	5.619	3.4	18.9
5 11	14 31.28	+ 4 13.6	4.680	5.616	4.2	19.0
5 21	14 26.84	+ 4 20.5	4.731	5.613	5.5	19.1
5 31	14 22.97	+ 4 18.7	4.807	5.610	6.8	19.2
6 10	14 19.91	+ 4 8.3	4.904	5.607	8.0	19.3

207752 2007 RX_{297} 5 1.6 290.°47 3.°7/29.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 1.21	− 7 57.3	1.363	2.257	14.6	19.8
4 11	14 55.15	− 7 30.7	1.294	2.247	10.4	19.5
4 21	14 46.53	− 7 2.9	1.247	2.237	6.0	19.2
5 1	14 36.36	− 6 39.3	1.225	2.227	3.8	19.0
5 11	14 26.00	− 6 25.4	1.228	2.216	7.2	19.2
5 21	14 16.81	− 6 25.4	1.255	2.206	12.0	19.4
5 31	14 9.88	− 6 41.9	1.304	2.197	16.3	19.7
6 10	14 5.90	− 7 15.2	1.371	2.187	20.1	19.9

192751 1999 TF_{255} 5 1.6 233.°09 0.°2/ 1.8 17

4 1	14 58.21	−17 43.2	2.002	2.872	11.7	20.6
4 11	14 52.43	−17 17.8	1.924	2.866	8.3	20.4
4 21	14 44.87	−16 42.9	1.871	2.860	4.5	20.1
5 1	14 36.27	−16 1.3	1.846	2.853	0.4	19.8
5 11	14 27.61	−15 17.0	1.849	2.847	3.9	20.1
5 21	14 19.78	−14 34.8	1.879	2.840	7.9	20.3
5 31	14 13.57	−13 59.4	1.934	2.832	11.5	20.5
6 10	14 9.51	−13 34.3	2.010	2.825	14.6	20.7

104575 2000 GX_{78} 5 1.6 90.°61 0.°4/ 1.3 17

4 1	14 58.59	−14 52.3	2.037	2.911	11.4	19.8
4 11	14 52.59	−14 43.3	1.970	2.915	8.0	19.6
4 21	14 44.90	−14 28.4	1.929	2.919	4.2	19.3
5 1	14 36.28	−14 9.9	1.915	2.923	0.4	19.0
5 11	14 27.66	−13 51.1	1.930	2.927	3.9	19.3
5 21	14 19.91	−13 35.4	1.972	2.931	7.7	19.6
5 31	14 13.76	−13 26.0	2.039	2.934	11.1	19.8
6 10	14 9.67	−13 25.2	2.127	2.938	14.0	20.0

377783 2005 YC_{251} 5 1.6 126.°31 2.°1/29.9 17

4 1	14 58.10	−11 24.7	1.886	2.769	11.7	21.8
4 11	14 52.28	−10 40.9	1.825	2.775	8.2	21.6
4 21	14 44.73	− 9 52.7	1.790	2.780	4.4	21.4
5 1	14 36.28	− 9 4.7	1.782	2.786	2.2	21.2
5 11	14 27.89	− 8 21.9	1.801	2.791	5.2	21.4
5 21	14 20.44	− 7 48.5	1.848	2.796	8.9	21.7
5 31	14 14.67	− 7 27.9	1.918	2.801	12.3	21.9
6 10	14 11.02	− 7 21.4	2.008	2.806	15.2	22.1

473213 2015 KF_{129} 5 1.6 154.°31 2.°1/29.5 17

4 1	14 55.78	−10 41.4	2.424	3.302	9.7	21.4
4 11	14 50.36	− 9 47.7	2.360	3.308	6.7	21.3
4 21	14 43.63	− 8 50.8	2.323	3.312	3.7	21.1
5 1	14 36.22	− 7 54.5	2.315	3.317	2.2	21.0
5 11	14 28.86	− 7 3.3	2.336	3.321	4.5	21.1
5 21	14 22.22	− 6 20.9	2.384	3.325	7.6	21.3
5 31	14 16.86	− 5 50.0	2.458	3.329	10.4	21.5
6 10	14 13.18	− 5 32.0	2.553	3.332	12.8	21.7

390095 2012 UK_{161} 5 1.6 160.°46 1.°8/ 3.2 18

4 1	14 57.41	−22 49.9	2.439	3.289	10.6	21.9
4 11	14 51.60	−22 32.0	2.365	3.293	7.8	21.7
4 21	14 44.33	−22 3.1	2.317	3.297	4.7	21.5
5 1	14 36.26	−21 24.7	2.297	3.300	1.9	21.3
5 11	14 28.20	−20 40.1	2.305	3.303	3.3	21.4
5 21	14 20.91	−19 53.2	2.342	3.306	6.4	21.6
5 31	14 15.01	−19 8.6	2.406	3.308	9.4	21.8
6 10	14 10.93	−18 30.2	2.492	3.310	12.0	22.0

383888 2008 RB_{146} 5 1.6 154.°71 2.°1/ 3.6 17

4 1	14 58.76	−24 15.9	2.444	3.287	10.9	22.1
4 11	14 52.52	−23 54.0	2.372	3.295	8.0	21.9
4 21	14 44.79	−23 19.8	2.326	3.302	4.9	21.7
5 1	14 36.29	−22 34.9	2.308	3.309	2.3	21.6
5 11	14 27.83	−21 42.8	2.319	3.315	3.4	21.7
5 21	14 20.18	−20 47.9	2.358	3.321	6.4	21.9
5 31	14 13.99	−19 54.9	2.425	3.326	9.4	22.1
6 10	14 9.66	−19 8.2	2.515	3.331	12.0	22.2

145487 2005 UG_{455} 5 1.6 178.°04 5.°6/ 7.7 18

4 1	14 58.42	−37 16.1	2.757	3.533	11.6	20.6
4 11	14 52.38	−37 20.1	2.673	3.534	9.6	20.4
4 21	14 44.77	−37 6.4	2.613	3.534	7.6	20.3
5 1	14 36.30	−36 34.3	2.578	3.535	6.0	20.2
5 11	14 27.81	−35 45.6	2.571	3.535	5.7	20.1
5 21	14 20.10	−34 43.9	2.591	3.535	6.9	20.2
5 31	14 13.86	−33 34.6	2.638	3.535	8.9	20.3
6 10	14 9.54	−32 23.6	2.709	3.534	11.0	20.5

88719 2001 SL_{25} 5 1.6 9.°23 0.°4/ 1.4 18

4 1	14 57.24	−16 5.7	1.300	2.194	15.2	18.8
4 11	14 52.34	−15 41.6	1.242	2.195	10.7	18.6
4 21	14 45.01	−15 6.7	1.205	2.197	5.6	18.3
5 1	14 36.31	−14 25.3	1.192	2.200	0.4	17.9
5 11	14 27.63	−13 43.7	1.204	2.203	5.2	18.3
5 21	14 20.22	−13 8.2	1.240	2.207	10.3	18.5
5 31	14 15.10	−12 44.3	1.298	2.213	14.8	18.8
6 10	14 12.81	−12 35.2	1.373	2.218	18.6	19.1

267363 2001 XC_{51} 5 1.6 108.°92 1.°7/30.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 0.60	−11 38.6	1.842	2.722	12.1	20.8
4 11	14 54.02	−11 15.8	1.787	2.735	8.5	20.6
4 21	14 45.64	−10 49.2	1.757	2.747	4.5	20.4
5 1	14 36.35	−10 22.4	1.754	2.760	1.7	20.2
5 11	14 27.17	− 9 59.4	1.780	2.772	4.9	20.5
5 21	14 19.03	− 9 43.7	1.832	2.784	8.7	20.7
5 31	14 12.69	− 9 38.1	1.908	2.795	12.2	21.0
6 10	14 8.59	− 9 44.0	2.005	2.806	15.1	21.2

201553 2003 RD_{17} 5 1.6 290.°70 0.°7/ 2.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.58	−18 16.6	1.816	2.689	12.6	20.6
4 11	14 52.90	−18 7.2	1.738	2.680	9.1	20.3
4 21	14 45.21	−17 47.8	1.684	2.672	5.0	20.1
5 1	14 36.33	−17 20.6	1.656	2.663	0.9	19.8
5 11	14 27.31	−16 49.2	1.656	2.655	4.1	20.0
5 21	14 19.19	−16 18.3	1.682	2.647	8.3	20.2
5 31	14 12.85	−15 52.5	1.733	2.638	12.2	20.4
6 10	14 8.86	−15 35.9	1.804	2.630	15.6	20.6

200417 2000 SO_{182} 5 1.6 191.°57 0.°9/ 3.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 51.97	−22 1.7	4.336	5.178	6.5	21.2
4 11	14 47.33	−21 27.9	4.251	5.176	4.7	21.0
4 21	14 41.94	−20 47.6	4.193	5.173	2.7	20.9
5 1	14 36.15	−20 2.2	4.166	5.170	1.0	20.7
5 11	14 30.37	−19 13.8	4.169	5.167	1.9	20.8
5 21	14 24.98	−18 24.7	4.203	5.163	3.9	20.9
5 31	14 20.32	−17 37.4	4.266	5.159	5.9	21.1
6 10	14 16.65	−16 54.2	4.354	5.155	7.5	21.2

179937 2002 VM_{85} 5 1.6 255.°91 2.°8/ 3.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.57	−23 47.5	1.733	2.591	13.9	20.7
4 11	14 54.51	−23 42.9	1.649	2.579	10.4	20.4
4 21	14 46.15	−23 22.7	1.588	2.567	6.4	20.1
5 1	14 36.40	−22 47.7	1.553	2.555	3.1	19.9
5 11	14 26.43	−22 1.2	1.545	2.542	4.6	20.0
5 21	14 17.43	−21 9.1	1.563	2.530	8.7	20.2
5 31	14 10.42	−20 18.1	1.605	2.517	12.7	20.4
6 10	14 6.04	−19 34.6	1.668	2.503	16.2	20.6

506733 2006 VW_{10} 5 1.6 132.°05 1.°1/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.87	−22 31.4	2.703	3.552	9.7	21.7
4 11	14 50.34	−21 40.8	2.634	3.563	7.0	21.6
4 21	14 43.59	−20 39.4	2.592	3.574	4.0	21.4
5 1	14 36.25	−19 30.1	2.579	3.584	1.3	21.2
5 11	14 29.00	−18 16.9	2.596	3.594	2.9	21.3
5 21	14 22.48	−17 4.5	2.643	3.604	5.9	21.6
5 31	14 17.20	−15 57.3	2.717	3.613	8.7	21.8
6 10	14 13.53	−14 58.9	2.814	3.622	11.0	21.9

224404 2005 UZ_{310} 5 1.6 116.°99 1.°2/30.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.09	−14 9.0	1.814	2.694	12.3	21.4
4 11	14 53.03	−13 31.6	1.755	2.703	8.6	21.2
4 21	14 45.16	−12 47.5	1.721	2.712	4.5	20.9
5 1	14 36.34	−12 0.5	1.713	2.720	1.2	20.7
5 11	14 27.60	−11 15.9	1.734	2.728	4.6	21.0
5 21	14 19.89	−10 38.4	1.781	2.736	8.7	21.2
5 31	14 13.96	−10 11.8	1.852	2.744	12.3	21.5
6 10	14 10.26	− 9 58.4	1.944	2.751	15.3	21.7

153818 2001 WP_{10} 5 1.6 69.°74 0.°9/30.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.20	−14 54.9	1.602	2.486	13.4	20.6
4 11	14 53.22	−14 20.5	1.551	2.501	9.4	20.4
4 21	14 45.28	−13 38.3	1.524	2.515	4.8	20.1
5 1	14 36.35	−12 52.5	1.523	2.530	0.9	19.9
5 11	14 27.58	−12 8.8	1.549	2.545	4.8	20.2
5 21	14 19.99	−11 32.2	1.601	2.560	9.1	20.5
5 31	14 14.39	−11 7.1	1.676	2.575	12.9	20.7
6 10	14 11.21	−10 55.6	1.771	2.590	16.1	21.0

493447 2014 WK_{366} 5 1.6 244.°66 1.°3/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 53.27	− 7 47.9	4.553	5.421	5.7	20.7
4 11	14 48.20	− 7 49.1	4.474	5.415	4.0	20.6
4 21	14 42.40	− 7 50.6	4.423	5.409	2.2	20.4
5 1	14 36.20	− 7 53.4	4.403	5.404	1.3	20.4
5 11	14 29.97	− 7 58.6	4.413	5.398	2.6	20.5
5 21	14 24.07	− 8 7.3	4.454	5.392	4.4	20.6
5 31	14 18.82	− 8 20.3	4.523	5.386	6.2	20.7
6 10	14 14.48	− 8 38.1	4.616	5.380	7.7	20.8

40335 1999 NJ_5 5 1.6 82.°86 5.°5/28.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.81	− 4 25.8	1.439	2.333	14.0	18.1
4 11	14 53.82	− 3 26.3	1.388	2.338	10.1	17.9
4 21	14 45.67	− 2 29.1	1.360	2.343	6.6	17.7
5 1	14 36.38	− 1 41.5	1.357	2.349	5.7	17.7
5 11	14 27.19	− 1 10.0	1.379	2.354	8.5	17.8
5 21	14 19.23	− 0 58.4	1.426	2.359	12.3	18.1
5 31	14 13.38	− 1 7.7	1.494	2.364	15.9	18.3
6 10	14 10.14	− 1 36.8	1.579	2.369	19.0	18.5

160105 Gobi 5 1.6 243.°08 1.°4/ 2.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 0.55	−21 29.0	1.663	2.529	13.9	19.8
4 11	14 54.50	−20 55.8	1.580	2.517	10.2	19.6
4 21	14 46.15	−20 6.6	1.520	2.505	5.8	19.3
5 1	14 36.42	−19 3.9	1.486	2.492	1.6	19.0
5 11	14 26.51	−17 53.1	1.479	2.478	4.4	19.1
5 21	14 17.62	−16 41.6	1.499	2.464	9.1	19.3
5 31	14 10.75	−15 36.8	1.543	2.450	13.4	19.6
6 10	14 6.53	−14 44.9	1.607	2.435	17.1	19.8

281458 2008 SU_{131} 5 1.6 199.°62 0.°2/ 1.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.56	−18 2.5	1.994	2.865	11.8	21.5
4 11	14 51.95	−17 28.9	1.922	2.864	8.3	21.3
4 21	14 44.62	−16 45.4	1.874	2.863	4.5	21.0
5 1	14 36.33	−15 55.0	1.854	2.862	0.4	20.7
5 11	14 28.03	−15 2.3	1.862	2.860	3.8	21.0
5 21	14 20.60	−14 12.5	1.897	2.859	7.8	21.2
5 31	14 14.79	−13 30.4	1.958	2.857	11.4	21.4
6 10	14 11.07	−12 59.4	2.039	2.855	14.4	21.6

43343 2000 RY_{81} 5 1.6 180.°96 5.°0/ 7.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.82	−36 19.1	3.068	3.843	10.5	19.3
4 11	14 52.54	−36 24.0	2.982	3.844	8.7	19.2
4 21	14 44.83	−36 13.2	2.920	3.844	6.8	19.1
5 1	14 36.35	−35 46.2	2.885	3.844	5.3	19.0
5 11	14 27.83	−35 4.6	2.879	3.844	5.1	18.9
5 21	14 20.02	−34 11.5	2.900	3.843	6.3	19.0
5 31	14 13.51	−33 11.5	2.948	3.842	8.2	19.1
6 10	14 8.76	−32 9.6	3.021	3.840	10.1	19.3

91499 1999 RX_{144} 5 1.6 82.°49 1.°4/ 2.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.51	−21 56.4	1.881	2.741	12.8	18.8
4 11	14 53.19	−21 17.7	1.831	2.766	9.2	18.6
4 21	14 45.17	−20 25.9	1.807	2.791	5.2	18.4
5 1	14 36.36	−19 24.3	1.809	2.815	1.6	18.2
5 11	14 27.79	−18 18.5	1.840	2.839	3.7	18.4
5 21	14 20.35	−17 14.3	1.898	2.863	7.6	18.7
5 31	14 14.73	−16 17.5	1.982	2.886	11.0	19.0
6 10	14 11.32	−15 32.0	2.087	2.909	13.9	19.2

178762 2000 WN_4 5 1.6 209.°60 3.°0/ 4.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.36	−27 6.0	2.758	3.587	10.2	21.3
4 11	14 51.56	−27 2.3	2.672	3.582	7.8	21.2
4 21	14 44.35	−26 46.4	2.610	3.577	5.2	21.0
5 1	14 36.32	−26 18.9	2.577	3.571	3.2	20.8
5 11	14 28.24	−25 42.0	2.573	3.565	3.6	20.9
5 21	14 20.79	−24 58.9	2.597	3.558	6.0	21.0
5 31	14 14.62	−24 14.0	2.649	3.552	8.6	21.2
6 10	14 10.16	−23 31.4	2.724	3.544	11.0	21.3

297644 2001 TJ_{176} 5 1.6 204.°11 0.°9/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 48.81	−11 32.6	4.766	5.637	5.4	20.8
4 11	14 45.11	−10 59.9	4.690	5.635	3.7	20.7
4 21	14 40.79	−10 25.3	4.643	5.633	2.0	20.5
5 1	14 36.15	− 9 50.7	4.626	5.630	0.9	20.4
5 11	14 31.50	− 9 17.7	4.639	5.628	2.3	20.5
5 21	14 27.16	− 8 48.1	4.682	5.625	4.1	20.7
5 31	14 23.41	− 8 23.4	4.752	5.623	5.8	20.8
6 10	14 20.47	− 8 4.5	4.846	5.620	7.2	20.9

152445 2005 UF_{473} 5 1.6 321.°36 1.°3/ 2.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.29	−19 32.1	1.505	2.384	14.4	19.9
4 11	14 53.07	−19 24.8	1.429	2.373	10.4	19.6
4 21	14 45.48	−19 4.6	1.375	2.363	5.9	19.3
5 1	14 36.43	−18 33.6	1.346	2.353	1.5	19.0
5 11	14 27.19	−17 56.1	1.343	2.343	4.6	19.2
5 21	14 18.99	−17 17.8	1.365	2.334	9.4	19.4
5 31	14 12.89	−16 45.1	1.410	2.325	13.8	19.7
6 10	14 9.55	−16 23.0	1.474	2.317	17.6	19.9

188020 2001 TH_{257} 5 1.6 243.°69 0.°4/ 2.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 52.03	−17 43.0	4.397	5.252	6.2	20.1
4 11	14 47.42	−17 45.0	4.315	5.249	4.4	20.0
4 21	14 42.04	−17 43.2	4.261	5.246	2.4	19.8
5 1	14 36.24	−17 38.5	4.236	5.243	0.5	19.6
5 11	14 30.41	−17 32.2	4.242	5.240	1.9	19.8
5 21	14 24.91	−17 25.5	4.278	5.237	3.9	19.9
5 31	14 20.10	−17 20.0	4.341	5.233	5.8	20.0
6 10	14 16.24	−17 17.1	4.430	5.230	7.4	20.2

120393 2005 QH_{88} 5 1.6 198.°64 13.°3/19.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.88	+ 5 24.7	1.117	2.014	16.9	19.7
4 11	14 54.35	+ 9 6.4	1.079	2.013	14.2	19.5
4 21	14 46.14	+12 34.7	1.065	2.011	13.3	19.4
5 1	14 36.48	+15 29.1	1.075	2.009	14.8	19.5
5 11	14 26.91	+17 35.2	1.107	2.007	17.7	19.7
5 21	14 18.84	+18 48.0	1.157	2.004	21.0	19.9
5 31	14 13.30	+19 10.2	1.222	2.001	24.0	20.1
6 10	14 10.84	+18 49.9	1.298	1.997	26.4	20.3

426843 2013 VP_{10} 5 1.6 249.°59 1.°6/ 2.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 0.07	−20 51.8	1.919	2.781	12.6	21.6
4 11	14 53.97	−20 43.1	1.834	2.769	9.2	21.3
4 21	14 45.84	−20 22.5	1.773	2.757	5.3	21.1
5 1	14 36.47	−19 51.3	1.738	2.744	1.8	20.8
5 11	14 26.92	−19 13.0	1.732	2.731	4.0	20.9
5 21	14 18.22	−18 32.3	1.753	2.717	8.1	21.2
5 31	14 11.27	−17 54.7	1.798	2.703	11.9	21.4
6 10	14 6.67	−17 24.9	1.865	2.689	15.2	21.5

289496 2005 ES_{127} 5 1.6 158.°21 2.°6/29.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.80	−10 5.8	2.031	2.915	11.0	21.5
4 11	14 51.33	− 9 14.5	1.967	2.916	7.7	21.3
4 21	14 44.28	− 8 19.9	1.929	2.918	4.3	21.1
5 1	14 36.37	− 7 26.5	1.918	2.920	2.6	21.0
5 11	14 28.50	− 6 39.5	1.935	2.921	5.3	21.2
5 21	14 21.47	− 6 2.8	1.979	2.922	8.8	21.4
5 31	14 15.95	− 5 39.7	2.047	2.923	12.0	21.6
6 10	14 12.39	− 5 31.2	2.136	2.924	14.7	21.8

116243 2003 YF_{15} 5 1.6 258.°24 3.°1/29.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.43	− 6 31.1	2.068	2.949	11.0	19.3
4 11	14 53.23	− 6 15.3	1.996	2.942	7.8	19.1
4 21	14 45.33	− 6 0.3	1.948	2.935	4.6	18.9
5 1	14 36.45	− 5 49.6	1.929	2.928	3.2	18.8
5 11	14 27.49	− 5 46.2	1.937	2.920	5.6	18.9
5 21	14 19.32	− 5 52.6	1.973	2.913	9.0	19.1
5 31	14 12.68	− 6 10.2	2.033	2.906	12.2	19.3
6 10	14 8.08	− 6 39.5	2.113	2.898	15.0	19.5

69087 2003 BQ_{11} 5 1.6 352.°80 4.°3/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.17	− 3 38.2	2.132	3.017	10.5	19.2
4 11	14 50.82	− 2 52.9	2.071	3.016	7.6	19.0
4 21	14 44.00	− 2 10.0	2.035	3.016	5.1	18.9
5 1	14 36.37	− 1 34.1	2.027	3.016	4.5	18.8
5 11	14 28.76	− 1 9.3	2.046	3.016	6.5	18.9
5 21	14 21.92	− 0 58.3	2.091	3.016	9.4	19.1
5 31	14 16.50	− 1 2.4	2.160	3.015	12.2	19.3
6 10	14 12.93	− 1 21.4	2.249	3.015	14.7	19.5

374269 2005 LA_{43} 5 1.6 40.°76 11.°6/11.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.46	−44 14.5	0.860	1.687	26.9	19.7
4 11	14 55.26	−43 29.3	0.806	1.695	22.8	19.5
4 21	14 46.95	−41 43.2	0.766	1.704	18.2	19.2
5 1	14 36.53	−38 53.0	0.743	1.714	13.7	19.0
5 11	14 26.60	−35 10.1	0.740	1.724	11.6	18.9
5 21	14 19.28	−30 59.6	0.759	1.735	13.4	19.1
5 31	14 15.82	−26 51.8	0.799	1.747	17.6	19.3
6 10	14 16.46	−23 11.5	0.859	1.759	22.0	19.7

117165 2004 RZ_{4} 5 1.6 145.°60 5.°7/26.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.09	+ 1 3.6	2.246	3.122	10.4	20.1
4 11	14 52.02	+ 2 8.1	2.197	3.131	7.9	19.9
4 21	14 44.56	+ 3 6.6	2.174	3.141	6.1	19.8
5 1	14 36.40	+ 3 53.9	2.180	3.149	6.0	19.9
5 11	14 28.34	+ 4 25.9	2.212	3.158	7.7	20.0
5 21	14 21.11	+ 4 40.4	2.271	3.165	10.1	20.1
5 31	14 15.29	+ 4 36.8	2.352	3.172	12.5	20.3
6 10	14 11.27	+ 4 16.5	2.453	3.179	14.6	20.5

474077 2016 JP_{32} 5 1.6 287.°93 8.°4/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.63	+ 5 43.6	1.819	2.694	12.5	20.7
4 11	14 53.70	+ 6 46.7	1.739	2.665	10.2	20.5
4 21	14 45.73	+ 7 40.4	1.683	2.637	8.6	20.3
5 1	14 36.48	+ 8 17.2	1.652	2.608	8.8	20.3
5 11	14 26.98	+ 8 31.3	1.647	2.579	10.8	20.3
5 21	14 18.24	+ 8 19.7	1.665	2.550	13.7	20.4
5 31	14 11.18	+ 7 42.5	1.704	2.520	16.7	20.6
6 10	14 6.43	+ 6 42.3	1.760	2.491	19.4	20.7

323737 2005 MZ_{11} 5 1.6 277.°74 2.°1/30.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.48	−12 5.4	1.659	2.544	12.9	21.2
4 11	14 53.79	−11 24.5	1.572	2.522	9.2	20.9
4 21	14 45.85	−10 36.5	1.508	2.499	4.9	20.6
5 1	14 36.49	− 9 45.9	1.471	2.476	2.2	20.4
5 11	14 26.84	− 8 58.6	1.461	2.453	5.8	20.5
5 21	14 18.04	− 8 20.5	1.477	2.429	10.4	20.7
5 31	14 11.10	− 7 56.2	1.515	2.406	14.6	20.9
6 10	14 6.70	− 7 48.6	1.573	2.382	18.2	21.1

352087 2006 XY_{8} 5 1.6 184.°12 1.°5/ 3.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.61	−22 22.4	2.796	3.643	9.5	22.2
4 11	14 50.96	−22 7.4	2.717	3.643	7.0	22.0
4 21	14 44.02	−21 43.0	2.663	3.643	4.1	21.8
5 1	14 36.38	−21 10.5	2.639	3.642	1.7	21.6
5 11	14 28.71	−20 32.6	2.644	3.641	2.9	21.7
5 21	14 21.68	−19 52.5	2.677	3.640	5.8	21.9
5 31	14 15.84	−19 14.1	2.738	3.638	8.5	22.1
6 10	14 11.61	−18 40.5	2.823	3.636	10.9	22.2

501411 2013 YT_{116} 5 1.6 138.°25 5.°7/26.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 57.04	+ 1 41.8	2.275	3.151	10.3	21.4
4 11	14 51.30	+ 2 34.7	2.224	3.158	7.9	21.3
4 21	14 44.19	+ 3 21.3	2.198	3.163	6.1	21.2
5 1	14 36.39	+ 3 56.5	2.200	3.169	5.9	21.2
5 11	14 28.65	+ 4 16.9	2.228	3.175	7.6	21.3
5 21	14 21.70	+ 4 20.4	2.283	3.180	10.0	21.5
5 31	14 16.11	+ 4 6.9	2.361	3.185	12.4	21.6
6 10	14 12.28	+ 3 37.6	2.458	3.190	14.4	21.8

180454 2004 BH_{150} 5 1.6 59.°15 3.°6/29.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.23	− 8 16.2	1.432	2.326	14.1	20.2
4 11	14 54.15	− 7 40.2	1.382	2.335	9.9	20.0
4 21	14 45.89	− 7 3.2	1.355	2.345	5.6	19.8
5 1	14 36.49	− 6 30.6	1.353	2.354	3.7	19.7
5 11	14 27.22	− 6 7.9	1.377	2.364	6.8	19.9
5 21	14 19.22	− 5 59.0	1.426	2.374	11.0	20.1
5 31	14 13.36	− 6 6.0	1.496	2.385	14.9	20.4
6 10	14 10.14	− 6 28.8	1.585	2.395	18.1	20.6

282795 2006 PR_{17} 5 1.6 229.°33 0.°5/ 2.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.96	−18 59.9	2.157	3.017	11.5	21.4
4 11	14 54.41	−18 29.4	2.065	3.002	8.2	21.1
4 21	14 46.02	−17 48.1	2.000	2.986	4.5	20.9
5 1	14 36.52	−16 58.2	1.962	2.970	0.7	20.5
5 11	14 26.86	−16 3.9	1.954	2.952	3.7	20.8
5 21	14 17.96	−15 10.1	1.975	2.934	7.7	21.0
5 31	14 10.64	−14 22.1	2.021	2.914	11.3	21.2
6 10	14 5.44	−13 44.1	2.089	2.894	14.5	21.3

340288 2006 BD_{279} 5 1.6 254.°15 0.°2/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 49.87	−17 7.9	4.565	5.425	5.9	21.3
4 11	14 45.91	−16 52.9	4.482	5.419	4.1	21.2
4 21	14 41.26	−16 34.1	4.426	5.413	2.2	21.0
5 1	14 36.24	−16 12.7	4.399	5.407	0.2	20.8
5 11	14 31.19	−15 50.4	4.403	5.400	1.9	21.0
5 21	14 26.46	−15 28.7	4.436	5.394	3.8	21.2
5 31	14 22.36	−15 9.2	4.497	5.388	5.6	21.3
6 10	14 19.14	−14 53.6	4.583	5.382	7.2	21.4

501028 2013 RX_{64} 5 1.6 176.°08 0.°3/ 1.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.02	−18 16.9	2.283	3.145	10.8	21.9
4 11	14 52.82	−17 46.4	2.210	3.148	7.7	21.7
4 21	14 45.07	−17 7.0	2.162	3.150	4.1	21.4
5 1	14 36.47	−16 21.2	2.144	3.151	0.5	21.1
5 11	14 27.88	−15 32.9	2.154	3.152	3.5	21.4
5 21	14 20.09	−14 46.5	2.193	3.152	7.1	21.6
5 31	14 13.78	−14 6.3	2.258	3.151	10.3	21.8
6 10	14 9.38	−13 35.5	2.345	3.150	13.1	22.0

313654 2003 SA_{165} 5 1.6 239.°91 2.°0/ 2.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.23	−20 40.0	1.699	2.562	13.9	20.6
4 11	14 56.46	−20 49.9	1.616	2.552	10.2	20.3
4 21	14 47.29	−20 47.9	1.558	2.541	6.0	20.1
5 1	14 36.61	−20 34.5	1.525	2.530	2.2	19.8
5 11	14 25.67	−20 12.3	1.520	2.519	4.5	19.9
5 21	14 15.71	−19 46.0	1.542	2.507	8.9	20.1
5 31	14 7.80	−19 21.2	1.588	2.494	13.1	20.4
6 10	14 2.62	−19 3.0	1.654	2.482	16.7	20.6

4348 Poulydamas 5 1.6 205.°90 0.°0/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 49.12	−16 24.2	4.852	5.714	5.5	17.3
4 11	14 45.35	−16 0.4	4.772	5.711	3.9	17.1
4 21	14 40.96	−15 33.1	4.720	5.709	2.0	17.0
5 1	14 36.23	−15 3.8	4.698	5.706	0.1	16.8
5 11	14 31.50	−14 34.1	4.707	5.703	1.8	17.0
5 21	14 27.08	−14 5.5	4.744	5.700	3.7	17.1
5 31	14 23.24	−13 39.8	4.810	5.697	5.4	17.2
6 10	14 20.22	−13 18.3	4.901	5.694	6.9	17.3

456766 2007 TV_{107} 5 1.6 212.°36 0.°2/ 1.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 52.17	−15 43.5	4.060	4.922	6.5	23.1
4 11	14 47.57	−15 19.8	3.976	4.915	4.5	23.0
4 21	14 42.16	−14 52.3	3.919	4.907	2.4	22.8
5 1	14 36.31	−14 22.4	3.891	4.899	0.2	22.6
5 11	14 30.43	−13 52.1	3.895	4.891	2.2	22.8
5 21	14 24.93	−13 23.4	3.928	4.882	4.4	22.9
5 31	14 20.16	−12 58.3	3.989	4.873	6.5	23.0
6 10	14 16.41	−12 38.4	4.074	4.864	8.2	23.2

57539 2001 TU_{17} 5 1.6 161.°63 1.°2/ 2.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.95	−22 10.4	2.047	2.904	12.1	18.7
4 11	14 52.89	−21 19.6	1.976	2.909	8.7	18.5
4 21	14 45.13	−20 14.9	1.930	2.914	5.0	18.3
5 1	14 36.48	−18 59.5	1.912	2.918	1.4	18.0
5 11	14 27.89	−17 38.9	1.922	2.921	3.6	18.2
5 21	14 20.26	−16 19.6	1.961	2.924	7.5	18.4
5 31	14 14.29	−15 7.6	2.026	2.927	11.0	18.7
6 10	14 10.43	−14 7.7	2.113	2.929	14.0	18.9

477611 2010 KL_{115} 5 1.6 239°.99 0°.3/ 1.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 55.35	−18 33.0	2.716	3.578	9.3	21.9
4 11	14 50.14	−17 58.5	2.629	3.567	6.6	21.7
4 21	14 43.64	−17 15.8	2.568	3.555	3.6	21.4
5 1	14 36.40	−16 27.2	2.535	3.543	0.4	21.2
5 11	14 29.09	−15 36.1	2.532	3.530	3.0	21.4
5 21	14 22.37	−14 46.3	2.558	3.517	6.2	21.6
5 31	14 16.81	−14 1.5	2.611	3.504	9.1	21.7
6 10	14 12.82	−13 24.8	2.687	3.491	11.6	21.9

185102 2006 SE_{20} 5 1.6 187°.35 3°.7/ 5.3 18

4 1	14 58.19	−29 33.9	2.594	3.414	11.0	21.2
4 11	14 52.24	−29 29.7	2.512	3.414	8.6	21.1
4 21	14 44.78	−29 11.1	2.455	3.413	6.0	20.9
5 1	14 36.46	−28 38.3	2.424	3.412	4.0	20.8
5 11	14 28.11	−27 53.9	2.422	3.410	4.2	20.8
5 21	14 20.50	−27 1.6	2.449	3.408	6.4	20.9
5 31	14 14.28	−26 6.3	2.502	3.406	9.0	21.1
6 10	14 9.92	−25 13.1	2.578	3.404	11.5	21.2

10428 Wanders 5 1.6 93°.67 0°.2/ 1.5 18

4 1	15 0.20	−16 57.4	1.750	2.625	12.9	19.6
4 11	14 53.82	−16 19.1	1.699	2.644	9.1	19.4
4 21	14 45.61	−15 31.4	1.673	2.662	4.7	19.2
5 1	14 36.51	−14 38.4	1.673	2.681	0.3	18.8
5 11	14 27.60	−13 45.5	1.702	2.699	4.3	19.2
5 21	14 19.84	−12 58.2	1.757	2.717	8.4	19.5
5 31	14 13.97	−12 20.9	1.837	2.735	12.1	19.7
6 10	14 10.42	−11 56.6	1.937	2.752	15.1	20.0

415724 1999 TL_{171} 5 1.6 229°.87 0°.9/30.9 17

4 1	14 59.62	−15 45.7	1.818	2.695	12.5	21.1
4 11	14 53.63	−14 54.4	1.739	2.685	8.8	20.8
4 21	14 45.66	−13 52.8	1.684	2.674	4.6	20.6
5 1	14 36.53	−12 45.2	1.656	2.663	0.9	20.3
5 11	14 27.30	−11 37.7	1.657	2.652	4.7	20.5
5 21	14 18.98	−10 36.6	1.684	2.640	9.1	20.7
5 31	14 12.44	− 9 47.3	1.736	2.627	13.0	21.0
6 10	14 8.23	− 9 13.4	1.808	2.614	16.3	21.2

480255 2015 HZ_{60} 5 1.6 356°.07 6°.2/25.6 17

4 1	14 52.51	− 4 7.5	1.643	2.543	12.2	20.2
4 11	14 48.61	− 2 5.1	1.588	2.540	8.9	20.0
4 21	14 42.96	− 0 2.6	1.558	2.537	6.5	19.9
5 1	14 36.37	+ 1 50.2	1.554	2.535	6.6	19.9
5 11	14 29.81	+ 3 24.2	1.576	2.534	9.2	20.0
5 21	14 24.17	+ 4 33.4	1.622	2.533	12.5	20.2
5 31	14 20.19	+ 5 15.1	1.690	2.534	15.6	20.4
6 10	14 18.31	+ 5 30.1	1.774	2.535	18.2	20.6

351471 2005 PU_{8} 5 1.6 298°.76 3°.4/ 4.2 17

4 1	14 58.75	−25 45.5	2.147	2.991	12.1	20.6
4 11	14 52.93	−26 0.4	2.066	2.985	9.2	20.4
4 21	14 45.27	−26 2.2	2.008	2.979	6.1	20.2
5 1	14 36.52	−25 50.8	1.977	2.973	3.6	20.0
5 11	14 27.62	−25 28.1	1.974	2.967	4.3	20.0
5 21	14 19.51	−24 57.8	1.998	2.962	7.3	20.2
5 31	14 13.01	−24 24.8	2.047	2.956	10.5	20.4
6 10	14 8.67	−23 54.2	2.119	2.951	13.4	20.6

477482 2010 AN_{131} 5 1.6 309°.85 13°.6/15.7 16

4 1	14 57.43	+20 4.3	1.813	2.647	14.4	20.1
4 11	14 52.29	+21 54.5	1.745	2.609	13.7	20.0
4 21	14 45.06	+23 24.9	1.699	2.571	13.7	19.9
5 1	14 36.51	+24 25.4	1.674	2.534	14.7	19.9
5 11	14 27.67	+24 49.3	1.669	2.496	16.3	19.9
5 21	14 19.61	+24 34.5	1.683	2.458	18.4	19.9
5 31	14 13.25	+23 42.4	1.712	2.421	20.5	20.0
6 10	14 9.25	+22 18.0	1.753	2.384	22.5	20.1

57926 2002 FV_{34} 5 1.6 274°.38 1°.3/30.3 18

4 1	14 54.28	−13 53.4	2.382	3.260	9.8	19.3
4 11	14 49.46	−12 56.9	2.308	3.255	6.8	19.1
4 21	14 43.30	−11 54.2	2.260	3.251	3.6	18.9
5 1	14 36.40	−10 49.1	2.241	3.246	1.3	18.7
5 11	14 29.49	− 9 46.4	2.250	3.242	4.1	18.9
5 21	14 23.25	− 8 50.5	2.287	3.237	7.4	19.1
5 31	14 18.29	− 8 5.1	2.350	3.232	10.4	19.3
6 10	14 14.99	− 7 32.7	2.434	3.228	13.0	19.4

161548 2004 XL_{49} 5 1.6 208°.56 4°.7/28.3 18

4 1	15 0.48	− 6 8.6	1.646	2.534	12.9	20.4
4 11	14 54.27	− 5 2.9	1.581	2.530	9.3	20.1
4 21	14 46.00	− 3 56.3	1.540	2.525	5.8	19.9
5 1	14 36.57	− 2 55.4	1.526	2.520	4.8	19.8
5 11	14 27.10	− 2 7.1	1.539	2.515	7.6	20.0
5 21	14 18.67	− 1 36.1	1.577	2.508	11.4	20.2
5 31	14 12.15	− 1 25.1	1.637	2.502	15.0	20.4
6 10	14 8.08	− 1 33.9	1.716	2.495	18.1	20.6

504260 2006 VW_{49} 5 1.6 146°.84 2°.1/ 4.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 56.49	−26 1.3	3.015	3.847	9.3	22.2
4 11	14 50.78	−25 32.2	2.943	3.857	7.0	22.1
4 21	14 43.90	−24 51.8	2.896	3.867	4.4	21.9
5 1	14 36.44	−24 1.8	2.878	3.876	2.3	21.8
5 11	14 29.05	−23 5.1	2.889	3.885	2.9	21.9
5 21	14 22.31	−22 5.4	2.931	3.893	5.3	22.0
5 31	14 16.74	−21 6.8	3.000	3.901	7.8	22.2
6 10	14 12.69	−20 13.0	3.094	3.908	10.0	22.4

64712 2001 XE_{99} 5 1.6 181°.12 1°.2/30.8 18

4 1	15 2.60	−13 36.7	1.763	2.639	12.8	19.5
4 11	14 55.68	−13 7.7	1.695	2.641	9.0	19.3
4 21	14 46.72	−12 32.1	1.651	2.641	4.7	19.0
5 1	14 36.62	−11 53.4	1.635	2.641	1.2	18.8
5 11	14 26.49	−11 16.6	1.647	2.641	4.9	19.0
5 21	14 17.41	−10 46.2	1.685	2.639	9.2	19.3
5 31	14 10.24	−10 26.3	1.748	2.637	13.0	19.5
6 10	14 5.52	−10 19.4	1.831	2.635	16.2	19.7

347773 2002 CK_{181} 5 1.6 126°.30 3°.6/ 4.8 17

4 1	14 58.18	−27 53.4	2.406	3.236	11.4	21.1
4 11	14 52.32	−28 0.1	2.330	3.240	8.8	20.9
4 21	14 44.86	−27 53.1	2.280	3.243	6.0	20.7
5 1	14 36.50	−27 32.6	2.256	3.247	3.8	20.6
5 11	14 28.11	−27 0.7	2.260	3.250	4.2	20.6
5 21	14 20.50	−26 21.4	2.292	3.253	6.6	20.8
5 31	14 14.36	−25 39.2	2.350	3.257	9.4	20.9
6 10	14 10.17	−24 59.0	2.431	3.260	12.0	21.1

181641 2006 XW_{48} 5 1.6 40°.00 3°.7/29.0 18

4 1	14 57.69	− 4 54.0	2.073	2.956	10.8	19.9
4 11	14 51.92	− 4 32.5	2.015	2.962	7.7	19.7
4 21	14 44.62	− 4 13.3	1.983	2.968	4.8	19.6
5 1	14 36.49	− 4 0.0	1.979	2.974	3.7	19.5
5 11	14 28.42	− 3 55.8	2.002	2.980	5.9	19.6
5 21	14 21.19	− 4 2.7	2.051	2.987	9.0	19.8
5 31	14 15.45	− 4 21.7	2.125	2.994	11.9	20.0
6 10	14 11.65	− 4 52.6	2.219	3.001	14.4	20.2

370951 2005 SJ_{49} 5 1.6 208°.45 0°.9/30.9 17

4 1	14 59.14	−14 47.0	2.356	3.224	10.3	23.9
4 11	14 52.92	−14 5.6	2.275	3.217	7.2	23.7
4 21	14 45.17	−13 17.4	2.220	3.209	3.8	23.4
5 1	14 36.54	−12 25.5	2.194	3.201	0.9	23.2
5 11	14 27.85	−11 34.1	2.197	3.191	3.9	23.4
5 21	14 19.88	−10 47.5	2.230	3.181	7.4	23.6
5 31	14 13.30	−10 9.5	2.288	3.170	10.7	23.8
6 10	14 8.57	− 9 42.8	2.368	3.158	13.4	23.9

91585 1999 SR_{20} 5 1.6 140°.69 4°.6/27.8 18

4 1	14 58.70	− 2 15.6	2.199	3.078	10.5	19.5
4 11	14 52.51	− 1 30.2	2.146	3.087	7.7	19.4
4 21	14 44.88	− 0 48.6	2.118	3.095	5.3	19.2
5 1	14 36.52	− 0 15.0	2.119	3.104	4.8	19.2
5 11	14 28.23	+ 0 6.5	2.147	3.111	6.7	19.3
5 21	14 20.79	+ 0 13.8	2.202	3.119	9.4	19.5
5 31	14 14.79	+ 0 6.0	2.281	3.126	12.1	19.7
6 10	14 10.65	− 0 16.2	2.380	3.132	14.3	19.9

132430 2002 GE_{154} 5 1.6 96°.47 2°.7/29.9 18

4 1	15 1.43	−10 46.8	1.462	2.351	14.1	19.9
4 11	14 54.96	−10 2.5	1.413	2.365	9.9	19.7
4 21	14 46.33	− 9 14.0	1.387	2.378	5.3	19.4
5 1	14 36.60	− 8 27.0	1.387	2.391	2.8	19.3
5 11	14 27.05	− 7 47.6	1.413	2.403	6.2	19.5
5 21	14 18.80	− 7 20.7	1.464	2.416	10.6	19.8
5 31	14 12.71	− 7 9.4	1.538	2.428	14.5	20.1
6 10	14 9.27	− 7 14.6	1.631	2.440	17.7	20.3

70353 1999 RB_{183} 5 1.6 185°.03 2°.0/30.1 16

4 1	15 0.36	−11 55.0	1.958	2.835	11.7	20.3
4 11	14 53.94	−11 6.4	1.889	2.835	8.1	20.1
4 21	14 45.74	−10 12.5	1.845	2.835	4.4	19.9
5 1	14 36.57	− 9 17.5	1.830	2.834	2.1	19.7
5 11	14 27.40	− 8 27.0	1.843	2.833	5.1	19.9
5 21	14 19.15	− 7 45.4	1.884	2.830	8.9	20.1
5 31	14 12.57	− 7 16.6	1.949	2.827	12.4	20.3
6 10	14 8.15	− 7 2.4	2.034	2.824	15.3	20.5

340323 2006 DO_{31} 5 1.6 241°.74 3°.7/ 7.4 18

4 1	14 53.02	−36 4.9	4.655	5.423	7.3	21.0
4 11	14 48.23	−36 20.3	4.565	5.420	6.0	20.9
4 21	14 42.56	−36 25.8	4.500	5.416	4.8	20.8
5 1	14 36.38	−36 21.2	4.462	5.413	3.9	20.8
5 11	14 30.15	−36 7.3	4.452	5.410	3.7	20.8
5 21	14 24.28	−35 45.5	4.470	5.406	4.5	20.8
5 31	14 19.18	−35 18.2	4.516	5.403	5.7	20.9
6 10	14 15.16	−34 47.8	4.586	5.400	7.0	21.0

403240 2008 VH_{70} 5 1.6 181.°16 0.°7/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 52.99	−13 12.1	3.616	4.484	7.1	21.8
4 11	14 48.21	−12 51.6	3.541	4.484	4.9	21.6
4 21	14 42.54	−12 28.2	3.495	4.484	2.5	21.5
5 1	14 36.39	−12 3.6	3.477	4.484	0.7	21.3
5 11	14 30.24	−11 40.1	3.490	4.484	2.7	21.5
5 21	14 24.52	−11 19.5	3.533	4.483	5.0	21.6
5 31	14 19.63	−11 3.7	3.602	4.482	7.2	21.8
6 10	14 15.88	−10 54.2	3.695	4.482	9.0	21.9

307942 2004 FA_{29} 5 1.6 114.°30 7.°2/ 3.4 18

4 1	15 19.85	−24 45.7	1.138	1.990	20.0	20.3
4 11	15 9.36	−26 50.1	1.082	2.003	15.4	20.0
4 21	14 54.62	−28 38.4	1.048	2.016	10.6	19.8
5 1	14 37.14	−30 0.6	1.038	2.028	7.4	19.7
5 11	14 19.32	−30 52.1	1.055	2.040	8.7	19.8
5 21	14 3.56	−31 16.1	1.096	2.052	12.8	20.0
5 31	13 51.67	−31 21.9	1.160	2.063	17.2	20.3
6 10	13 44.44	−31 21.2	1.241	2.073	20.9	20.6

181663 2008 AW_{2} 5 1.6 62.°65 5.°1/28.3 18

4 1	14 59.22	− 5 24.9	1.441	2.337	13.9	19.6
4 11	14 53.44	− 4 24.8	1.393	2.345	10.0	19.4
4 21	14 45.55	− 3 26.2	1.367	2.353	6.3	19.2
5 1	14 36.57	− 2 36.1	1.367	2.361	5.3	19.2
5 11	14 27.72	− 2 1.1	1.392	2.369	8.1	19.4
5 21	14 20.09	− 1 45.1	1.441	2.378	11.9	19.6
5 31	14 14.54	− 1 49.5	1.512	2.386	15.5	19.8
6 10	14 11.55	− 2 13.4	1.600	2.395	18.6	20.1

517564 2014 TL_{57} 5 1.6 228.°59 2.°8/29.6 16

4 1	15 0.47	−10 13.1	1.777	2.660	12.4	21.9
4 11	14 54.25	− 9 22.4	1.701	2.650	8.7	21.7
4 21	14 46.02	− 8 26.9	1.650	2.639	4.8	21.4
5 1	14 36.61	− 7 31.7	1.626	2.628	2.9	21.3
5 11	14 27.08	− 6 42.8	1.630	2.617	6.0	21.4
5 21	14 18.47	− 6 5.2	1.660	2.604	10.0	21.6
5 31	14 11.66	− 5 42.7	1.714	2.592	13.8	21.8
6 10	14 7.20	− 5 37.0	1.787	2.578	17.0	22.0

421507 2014 OO_{92} 5 1.6 138.°76 3.°1/29.6 16

4 1	15 0.29	−11 22.4	1.376	2.269	14.6	21.4
4 11	14 54.38	−10 18.0	1.319	2.273	10.2	21.1
4 21	14 46.14	− 9 6.9	1.284	2.276	5.6	20.9
5 1	14 36.63	− 7 56.1	1.275	2.278	3.2	20.7
5 11	14 27.17	− 6 53.9	1.292	2.281	6.8	21.0
5 21	14 19.00	− 6 6.8	1.333	2.283	11.4	21.2
5 31	14 13.06	− 5 39.1	1.395	2.286	15.6	21.5
6 10	14 9.87	− 5 32.2	1.476	2.288	19.1	21.7

499224 2009 US_{88} 5 1.6 211.°28 1.°4/ 2.8 17

4 1	15 1.23	−20 58.3	2.431	3.281	10.7	22.4
4 11	14 54.46	−20 51.9	2.344	3.272	7.8	22.2
4 21	14 46.03	−20 35.8	2.282	3.263	4.5	22.0
5 1	14 36.63	−20 11.0	2.249	3.253	1.6	21.7
5 11	14 27.09	−19 40.1	2.245	3.243	3.4	21.8
5 21	14 18.27	−19 6.6	2.271	3.231	6.7	22.0
5 31	14 10.87	−18 34.7	2.323	3.219	10.0	22.2
6 10	14 5.42	−18 8.3	2.398	3.206	12.7	22.4

288860 2004 RQ_{222} 5 1.6 114.°84 7.°6/24.7 18

4 1	15 1.14	+ 0 30.3	1.726	2.607	12.7	20.3
4 11	14 54.34	+ 2 47.5	1.695	2.631	9.7	20.2
4 21	14 45.85	+ 4 56.7	1.690	2.653	7.8	20.1
5 1	14 36.60	+ 6 48.2	1.713	2.675	8.1	20.2
5 11	14 27.65	+ 8 14.4	1.764	2.696	10.2	20.3
5 21	14 19.89	+ 9 11.7	1.839	2.716	13.0	20.6
5 31	14 13.98	+ 9 40.2	1.935	2.735	15.6	20.8
6 10	14 10.31	+ 9 42.8	2.047	2.753	17.7	21.0

359703 2011 SB_{249} 5 1.6 177.°74 0.°1/ 1.8 17

4 1	14 56.43	−17 6.0	2.800	3.662	9.1	22.7
4 11	14 50.83	−16 43.8	2.726	3.664	6.4	22.5
4 21	14 44.00	−16 15.3	2.677	3.665	3.4	22.3
5 1	14 36.50	−15 42.5	2.658	3.666	0.3	22.0
5 11	14 29.00	−15 8.3	2.669	3.666	2.9	22.3
5 21	14 22.10	−14 35.7	2.708	3.666	6.0	22.5
5 31	14 16.37	−14 7.8	2.774	3.665	8.7	22.6
6 10	14 12.17	−13 46.9	2.864	3.665	11.1	22.8

250448 2003 YR_{122} 5 1.6 167.°68 1.°5/ 2.8 17

4 1	15 1.46	−21 8.2	1.804	2.666	13.2	21.2
4 11	14 54.93	−20 50.0	1.734	2.669	9.6	21.0
4 21	14 46.36	−20 18.8	1.688	2.672	5.5	20.7
5 1	14 36.65	−19 36.6	1.669	2.675	1.7	20.5
5 11	14 26.93	−18 47.7	1.678	2.677	4.0	20.6
5 21	14 18.27	−17 57.8	1.714	2.678	8.2	20.9
5 31	14 11.52	−17 12.8	1.774	2.679	12.0	21.1
6 10	14 7.22	−16 37.4	1.856	2.680	15.3	21.3

29502 1997 WL_{35} 5 1.6 222.°33 0.°6/ 2.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 59.23	−19 21.7	2.058	2.922	11.8	19.5
4 11	14 53.23	−18 47.2	1.976	2.914	8.4	19.3
4 21	14 45.43	−18 1.4	1.918	2.905	4.6	19.0
5 1	14 36.60	−17 7.0	1.889	2.896	0.8	18.7
5 11	14 27.68	−16 8.4	1.887	2.886	3.8	18.9
5 21	14 19.58	−15 11.1	1.914	2.875	7.7	19.2
5 31	14 13.10	−14 20.4	1.966	2.865	11.4	19.4
6 10	14 8.74	−13 40.3	2.040	2.853	14.5	19.5

328317 2008 HA_{59} 5 1.6 206.°14 1.°3/30.9 17

4 1	15 0.49	−13 0.1	1.685	2.567	13.0	21.1
4 11	14 54.32	−12 42.0	1.618	2.566	9.1	20.9
4 21	14 46.07	−12 18.3	1.574	2.565	4.8	20.6
5 1	14 36.64	−11 52.5	1.558	2.564	1.3	20.4
5 11	14 27.16	−11 28.7	1.568	2.564	4.9	20.6
5 21	14 18.71	−11 11.3	1.605	2.563	9.3	20.9
5 31	14 12.17	−11 3.8	1.665	2.562	13.2	21.1
6 10	14 8.09	−11 8.2	1.746	2.560	16.5	21.3

304414 2006 TR_{52} 5 1.6 176.°35 0.°2/ 1.5 17

4 1	14 55.28	−17 46.3	2.284	3.154	10.5	20.5
4 11	14 50.23	−16 53.0	2.211	3.154	7.4	20.3
4 21	14 43.74	−15 50.4	2.165	3.154	3.9	20.0
5 1	14 36.49	−14 42.3	2.147	3.154	0.3	19.7
5 11	14 29.27	−13 33.3	2.157	3.154	3.6	20.0
5 21	14 22.79	−12 28.7	2.196	3.154	7.1	20.2
5 31	14 17.68	−11 32.8	2.261	3.154	10.3	20.4
6 10	14 14.36	−10 49.0	2.347	3.154	13.0	20.6

203942 2003 QZ_{88} 5 1.6 202.°58 6.°0/25.5 18

4 1	14 57.09	+ 3 18.9	2.496	3.366	9.7	20.7
4 11	14 51.35	+ 4 24.8	2.434	3.362	7.6	20.5
4 21	14 44.31	+ 5 24.4	2.399	3.357	6.2	20.4
5 1	14 36.54	+ 6 12.7	2.392	3.351	6.3	20.4
5 11	14 28.77	+ 6 45.7	2.413	3.345	7.8	20.5
5 21	14 21.67	+ 7 1.0	2.459	3.338	10.0	20.6
5 31	14 15.81	+ 6 58.2	2.528	3.331	12.2	20.8
6 10	14 11.60	+ 6 38.4	2.617	3.323	14.2	20.9

413272 2003 UY_{18} 5 1.6 169.°32 0.°4/ 1.4 16

4 1	15 4.27	−14 30.2	2.049	2.915	11.7	22.2
4 11	14 56.67	−14 27.2	1.980	2.920	8.3	22.0
4 21	14 47.21	−14 18.6	1.936	2.924	4.4	21.8
5 1	14 36.72	−14 6.2	1.920	2.928	0.4	21.4
5 11	14 26.21	−13 53.0	1.935	2.931	4.0	21.7
5 21	14 16.64	−13 42.2	1.977	2.933	8.0	22.0
5 31	14 8.80	−13 36.9	2.046	2.934	11.5	22.2
6 10	14 3.21	−13 39.7	2.136	2.934	14.4	22.4

395393 2011 SO_{89} 5 1.6 137.°80 0.°1/ 1.6 18

4 1	14 55.59	−17 11.2	2.656	3.521	9.4	21.5
4 11	14 50.26	−16 33.3	2.588	3.529	6.6	21.3
4 21	14 43.70	−15 48.4	2.548	3.536	3.5	21.1
5 1	14 36.50	−14 59.3	2.536	3.544	0.2	20.8
5 11	14 29.36	−14 9.5	2.554	3.551	3.1	21.1
5 21	14 22.89	−13 22.8	2.600	3.558	6.2	21.3
5 31	14 17.62	−12 42.5	2.673	3.564	9.0	21.5
6 10	14 13.92	−12 11.3	2.769	3.570	11.4	21.7

106144 2000 TL_{46} 5 1.6 335.°34 0.°3/ 1.5 18

4 1	14 54.39	−15 58.8	1.458	2.351	13.9	18.8
4 11	14 50.48	−15 40.3	1.375	2.328	9.9	18.5
4 21	14 44.25	−15 11.6	1.313	2.305	5.3	18.1
5 1	14 36.55	−14 36.0	1.276	2.284	0.4	17.7
5 11	14 28.54	−13 58.8	1.264	2.263	5.0	18.0
5 21	14 21.44	−13 25.6	1.276	2.244	10.0	18.2
5 31	14 16.31	−13 2.3	1.310	2.227	14.6	18.4
6 10	14 13.85	−12 52.8	1.362	2.210	18.5	18.6

462191 2007 UR_{45} 5 1.6 178.°34 2.°1/ 3.1 17

4 1	15 2.64	−22 3.3	1.720	2.580	13.9	22.0
4 11	14 55.90	−21 57.5	1.649	2.582	10.2	21.8
4 21	14 46.95	−21 37.7	1.601	2.583	6.0	21.6
5 1	14 36.71	−21 5.3	1.579	2.583	2.4	21.3
5 11	14 26.42	−20 24.0	1.585	2.583	4.3	21.4
5 21	14 17.22	−19 39.5	1.617	2.583	8.5	21.7
5 31	14 10.07	−18 58.0	1.674	2.582	12.5	21.9
6 10	14 5.53	−18 24.7	1.752	2.581	15.9	22.1

284659 2008 BO_{6} 5 1.6 231.°14 7.°1/24.4 18

4 1	14 55.62	+ 6 18.0	2.347	3.217	10.3	20.6
4 11	14 50.39	+ 7 26.4	2.292	3.213	8.4	20.5
4 21	14 43.82	+ 8 25.8	2.262	3.209	7.2	20.4
5 1	14 36.52	+ 9 10.8	2.259	3.204	7.4	20.4
5 11	14 29.23	+ 9 37.4	2.282	3.200	8.9	20.5
5 21	14 22.65	+ 9 43.8	2.329	3.196	11.0	20.6
5 31	14 17.34	+ 9 29.9	2.399	3.191	13.1	20.8
6 10	14 13.73	+ 8 57.7	2.486	3.186	15.0	20.9

257294 2009 HQ_{53} 5 1.7 294°.71 2°.7/30.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 0.07	−10 27.2	1.436	2.328	14.1	20.6
4 11	14 54.37	− 9 56.5	1.365	2.318	10.0	20.3
4 21	14 46.25	− 9 21.4	1.317	2.308	5.5	20.1
5 1	14 36.68	− 8 46.8	1.294	2.298	2.8	19.9
5 11	14 26.94	− 8 18.6	1.296	2.288	6.4	20.1
5 21	14 18.29	− 8 1.7	1.324	2.278	11.1	20.3
5 31	14 11.78	− 7 59.9	1.373	2.269	15.4	20.5
6 10	14 8.04	− 8 14.5	1.440	2.260	19.1	20.7

60139 1999 TP_{285} 5 1.7 236°.53 3°.5/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.00	− 9 27.8	1.406	2.297	14.5	20.1
4 11	14 55.73	− 8 39.5	1.337	2.289	10.3	19.8
4 21	14 46.97	− 7 46.7	1.291	2.281	5.8	19.5
5 1	14 36.73	− 6 55.7	1.270	2.272	3.6	19.3
5 11	14 26.34	− 6 13.4	1.276	2.263	7.1	19.5
5 21	14 17.13	− 5 45.7	1.305	2.254	11.8	19.8
5 31	14 10.16	− 5 36.3	1.357	2.244	16.2	20.0
6 10	14 6.05	− 5 46.3	1.426	2.234	19.8	20.2

64887 2001 YZ_{73} 5 1.7 269°.25 3°.0/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.64	− 9 48.2	1.462	2.352	14.1	19.2
4 11	14 55.52	− 9 17.0	1.386	2.337	10.0	18.9
4 21	14 46.90	− 8 41.8	1.332	2.322	5.6	18.6
5 1	14 36.73	− 8 7.7	1.304	2.307	3.0	18.4
5 11	14 26.29	− 7 40.4	1.302	2.292	6.6	18.6
5 21	14 16.90	− 7 24.9	1.324	2.276	11.4	18.8
5 31	14 9.65	− 7 24.9	1.369	2.260	15.8	19.0
6 10	14 5.23	− 7 41.7	1.431	2.245	19.5	19.2

181007 2005 NG_{55} 5 1.7 184°.81 4°.3/27.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.54	− 2 31.1	2.524	3.404	9.3	20.6
4 11	14 50.26	− 1 36.1	2.462	3.404	6.8	20.4
4 21	14 43.72	− 0 43.6	2.427	3.403	4.8	20.3
5 1	14 36.52	+ 0 2.1	2.420	3.403	4.4	20.3
5 11	14 29.34	+ 0 37.1	2.441	3.402	6.2	20.4
5 21	14 22.80	+ 0 58.8	2.489	3.401	8.7	20.5
5 31	14 17.47	+ 1 5.8	2.561	3.400	11.1	20.7
6 10	14 13.71	+ 0 58.4	2.653	3.398	13.2	20.8

290699 2005 UK_{379} 5 1.7 301°.68 1°.3/30.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.15	−13 41.3	2.116	2.997	10.8	21.0
4 11	14 50.33	−12 58.9	2.035	2.983	7.5	20.8
4 21	14 43.90	−12 10.0	1.978	2.969	4.0	20.5
5 1	14 36.54	−11 18.2	1.949	2.955	1.3	20.3
5 11	14 29.07	−10 28.1	1.947	2.941	4.4	20.5
5 21	14 22.31	− 9 44.4	1.973	2.927	8.1	20.7
5 31	14 16.96	− 9 11.1	2.024	2.914	11.5	20.9
6 10	14 13.52	− 8 50.6	2.095	2.900	14.4	21.0

2483 Guinevere 5 1.7 125°.87 0°.6/ 2.5 18 A

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 53.02	−19 37.6	3.874	4.725	7.0	17.6
4 11	14 48.17	−19 16.0	3.808	4.739	5.0	17.5
4 21	14 42.52	−18 48.9	3.770	4.753	2.8	17.4
5 1	14 36.45	−18 17.6	3.761	4.767	0.7	17.2
5 11	14 30.42	−17 44.3	3.783	4.781	2.1	17.3
5 21	14 24.85	−17 11.2	3.834	4.794	4.3	17.5
5 31	14 20.11	−16 40.5	3.914	4.807	6.3	17.7
6 10	14 16.46	−16 14.1	4.017	4.819	8.1	17.8

498040 2007 JN_{14} 5 1.7 199°.93 0°.0/ 1.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.14	−15 11.4	2.105	2.971	11.4	21.4
4 11	14 55.23	−15 17.0	2.028	2.969	8.1	21.2
4 21	14 46.50	−15 17.1	1.978	2.966	4.3	20.9
5 1	14 36.70	−15 13.1	1.955	2.963	0.3	20.6
5 11	14 26.80	−15 7.3	1.962	2.959	3.8	20.9
5 21	14 17.72	−15 2.7	1.997	2.955	7.7	21.1
5 31	14 10.26	−15 2.2	2.057	2.951	11.2	21.3
6 10	14 4.96	−15 8.4	2.140	2.946	14.1	21.5

338898 2004 CT_{75} 5 1.7 79°.70 2°.2/29.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.57	−10 53.3	2.028	2.911	11.0	20.6
4 11	14 51.21	−10 7.6	1.968	2.918	7.7	20.4
4 21	14 44.29	− 9 18.3	1.934	2.924	4.2	20.2
5 1	14 36.57	− 8 29.7	1.927	2.930	2.3	20.1
5 11	14 28.89	− 7 46.6	1.948	2.937	5.0	20.3
5 21	14 22.07	− 7 13.0	1.996	2.943	8.5	20.5
5 31	14 16.77	− 6 51.8	2.068	2.950	11.6	20.7
6 10	14 13.41	− 6 44.3	2.161	2.956	14.4	20.9

168839 2000 TX_{48} 5 1.7 302°.76 1°.4/ 1.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.59	−12 36.0	1.287	2.180	15.4	19.2
4 11	14 55.87	−12 32.5	1.208	2.161	11.0	18.9
4 21	14 47.27	−12 23.5	1.150	2.142	5.9	18.5
5 1	14 36.77	−12 11.9	1.116	2.123	1.4	18.2
5 11	14 25.83	−12 2.5	1.108	2.105	6.0	18.4
5 21	14 15.96	−12 0.0	1.123	2.087	11.6	18.7
5 31	14 8.50	−12 8.6	1.159	2.069	16.6	18.9
6 10	14 4.27	−12 31.0	1.213	2.052	20.9	19.1

8938 1997 AF_{21} 5 1.7 261°.86 1°.3/ 2.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 3.36	−19 26.8	1.475	2.348	15.0	18.1
4 11	14 56.96	−19 17.2	1.387	2.329	11.0	17.8
4 21	14 47.80	−18 53.9	1.321	2.308	6.2	17.5
5 1	14 36.80	−18 18.3	1.281	2.287	1.5	17.1
5 11	14 25.37	−17 34.5	1.267	2.266	4.9	17.3
5 21	14 14.94	−16 49.2	1.278	2.244	10.2	17.5
5 31	14 6.79	−16 9.5	1.312	2.221	15.1	17.8
6 10	14 1.71	−15 41.5	1.365	2.198	19.3	18.0

251824 1999 TJ_{177} 5 1.7 241°.87 0°.5/ 1.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.45	−18 7.2	1.834	2.703	12.8	21.8
4 11	14 55.07	−17 47.2	1.748	2.688	9.2	21.6
4 21	14 46.55	−17 16.6	1.686	2.673	5.0	21.3
5 1	14 36.72	−16 37.4	1.651	2.658	0.7	20.9
5 11	14 26.66	−15 53.9	1.644	2.642	4.2	21.2
5 21	14 17.48	−15 11.4	1.664	2.625	8.7	21.4
5 31	14 10.11	−14 35.2	1.708	2.608	12.7	21.6
6 10	14 5.18	−14 9.7	1.774	2.590	16.2	21.8

241930 2002 CC_{38} 5 1.7 147°.81 11°.3/11.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.44	−48 16.5	2.072	2.784	16.8	20.5
4 11	14 59.82	−49 17.7	1.999	2.788	15.0	20.4
4 21	14 49.26	−49 51.3	1.943	2.792	13.3	20.2
5 1	14 36.89	−49 52.1	1.909	2.796	11.9	20.2
5 11	14 24.30	−49 19.2	1.898	2.800	11.3	20.1
5 21	14 13.07	−48 16.6	1.909	2.803	11.8	20.2
5 31	14 4.48	−46 52.4	1.943	2.806	13.1	20.2
6 10	13 59.22	−45 17.0	1.998	2.809	14.8	20.4

269754 1999 RW_{104} 5 1.7 271°.71 2°.4/ 3.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.70	−23 50.0	2.058	2.908	12.3	20.7
4 11	14 53.81	−23 36.7	1.957	2.883	9.2	20.5
4 21	14 45.89	−23 9.1	1.880	2.858	5.7	20.2
5 1	14 36.69	−22 27.8	1.829	2.832	2.6	20.0
5 11	14 27.18	−21 36.1	1.807	2.805	4.0	20.0
5 21	14 18.39	−20 39.0	1.813	2.778	7.8	20.2
5 31	14 11.23	−19 42.6	1.844	2.750	11.6	20.3
6 10	14 6.34	−18 52.7	1.897	2.723	14.9	20.5

143516 2003 EP_{9} 5 1.7 338°.93 0°.4/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.27	−18 11.9	1.825	2.704	12.3	19.4
4 11	14 50.63	−17 45.6	1.750	2.695	8.8	19.2
4 21	14 44.14	−17 8.8	1.698	2.687	4.8	18.9
5 1	14 36.58	−16 24.4	1.672	2.679	0.6	18.6
5 11	14 28.93	−15 37.1	1.673	2.672	4.0	18.8
5 21	14 22.14	−14 52.0	1.700	2.666	8.2	19.1
5 31	14 17.00	−14 14.3	1.752	2.660	12.0	19.3
6 10	14 14.07	−13 47.8	1.824	2.655	15.2	19.5

402445 2006 BV_{45} 5 1.7 58°.53 5°.2/ 4.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.73	−27 34.5	1.335	2.192	17.3	20.4
4 11	14 56.53	−27 52.4	1.273	2.197	13.3	20.2
4 21	14 47.49	−27 48.4	1.230	2.202	9.0	20.0
5 1	14 36.79	−27 21.7	1.212	2.207	5.6	19.8
5 11	14 26.04	−26 35.8	1.217	2.211	6.2	19.8
5 21	14 16.75	−25 38.3	1.247	2.217	10.1	20.1
5 31	14 10.10	−24 38.6	1.300	2.222	14.3	20.3
6 10	14 6.72	−23 45.4	1.372	2.227	18.0	20.6

308992 2006 UX_{24} 5 1.7 152°.43 0°.6/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.56	−15 43.5	2.928	3.793	8.6	21.5
4 11	14 50.13	−14 49.7	2.860	3.801	6.0	21.4
4 21	14 43.61	−13 50.0	2.820	3.809	3.1	21.2
5 1	14 36.55	−12 47.5	2.810	3.817	0.6	21.0
5 11	14 29.54	−11 45.9	2.831	3.824	3.1	21.2
5 21	14 23.15	−10 48.9	2.880	3.831	6.0	21.4
5 31	14 17.86	− 9 59.8	2.957	3.837	8.6	21.6
6 10	14 14.01	− 9 20.7	3.057	3.843	10.8	21.7

365457 2010 NB_{75} 5 1.7 266°.55 1°.7/30.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.50	−13 1.3	1.631	2.515	13.2	21.2
4 11	14 54.58	−12 24.8	1.547	2.497	9.4	21.0
4 21	14 46.37	−11 40.6	1.487	2.478	5.0	20.7
5 1	14 36.73	−10 53.0	1.453	2.459	1.7	20.4
5 11	14 26.83	−10 7.6	1.446	2.439	5.5	20.6
5 21	14 17.82	− 9 30.1	1.464	2.419	10.2	20.8
5 31	14 10.75	− 9 5.6	1.506	2.399	14.5	21.0
6 10	14 6.27	− 8 56.9	1.567	2.379	18.2	21.2

387999 2005 QO_{111} 5 1.7 5°.44 10°.2/ 8.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.85	−41 48.4	1.997	2.756	15.9	20.5
4 11	14 58.72	−43 19.6	1.923	2.757	13.9	20.3
4 21	14 48.75	−44 28.4	1.870	2.757	11.9	20.2
5 1	14 36.89	−45 9.1	1.840	2.758	10.6	20.1
5 11	14 24.56	−45 19.8	1.834	2.760	10.3	20.1
5 21	14 13.26	−45 3.0	1.852	2.762	11.2	20.1
5 31	14 4.31	−44 25.4	1.892	2.764	13.0	20.3
6 10	13 58.50	−43 36.0	1.953	2.767	15.0	20.4

132767 2002 PO_{84} 5 1.7 294.°59 3.°6/ 4.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 59.95	−25 12.7	1.887	2.737	13.3	19.2
4 11	14 54.12	−25 31.5	1.800	2.723	10.1	19.0
4 21	14 46.11	−25 36.4	1.735	2.708	6.6	18.8
5 1	14 36.72	−25 26.8	1.697	2.694	3.9	18.6
5 11	14 27.06	−25 4.4	1.685	2.680	4.8	18.6
5 21	14 18.23	−24 33.4	1.700	2.666	8.2	18.8
5 31	14 11.22	−23 59.4	1.740	2.652	11.8	18.9
6 10	14 6.67	−23 28.3	1.800	2.638	15.1	19.1

286346 2001 XK_{94} 5 1.7 30.°99 5.°1/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.09	+ 0 42.1	2.123	2.996	11.1	20.0
4 11	14 54.33	+ 0 50.2	2.062	2.997	8.3	19.8
4 21	14 45.95	+ 0 51.2	2.026	2.999	5.9	19.7
5 1	14 36.71	+ 0 41.6	2.018	3.000	5.2	19.6
5 11	14 27.49	+ 0 19.1	2.038	3.002	7.0	19.8
5 21	14 19.12	− 0 16.9	2.085	3.004	9.7	19.9
5 31	14 12.30	− 1 6.1	2.156	3.005	12.5	20.1
6 10	14 7.48	− 2 6.7	2.249	3.007	14.9	20.3

321169 2008 VC_{47} 5 1.7 162.°54 0.°0/ 1.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.91	−17 26.6	2.175	3.043	11.0	21.7
4 11	14 52.16	−16 54.6	2.105	3.046	7.8	21.5
4 21	14 44.83	−16 14.0	2.060	3.049	4.1	21.3
5 1	14 36.64	−15 27.7	2.044	3.051	0.3	20.9
5 11	14 28.47	−14 40.0	2.056	3.054	3.6	21.2
5 21	14 21.12	−13 55.2	2.096	3.056	7.3	21.5
5 31	14 15.26	−13 17.5	2.161	3.057	10.6	21.7
6 10	14 11.34	−12 50.0	2.249	3.059	13.4	21.9

36665 2000 QO_{211} 5 1.7 149.°33 0.°4/ 1.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.33	−15 54.2	2.000	2.872	11.7	19.9
4 11	14 53.22	−15 23.3	1.935	2.878	8.2	19.7
4 21	14 45.41	−14 44.7	1.894	2.884	4.3	19.5
5 1	14 36.68	−14 1.6	1.881	2.889	0.4	19.2
5 11	14 27.98	−13 18.3	1.897	2.894	4.0	19.5
5 21	14 20.20	−12 39.4	1.940	2.898	7.9	19.7
5 31	14 14.06	−12 8.9	2.008	2.902	11.4	19.9
6 10	14 10.02	−11 49.7	2.097	2.906	14.3	20.1

3927 Feliciaplatt 5 1.7 312.°62 1.°1/ 2.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.76	−19 27.9	1.169	2.060	16.8	16.7
4 11	14 54.03	−19 7.0	1.095	2.046	12.2	16.4
4 21	14 46.34	−18 28.9	1.041	2.031	6.8	16.0
5 1	14 36.75	−17 36.5	1.010	2.017	1.3	15.6
5 11	14 26.83	−16 36.6	1.003	2.003	5.5	15.9
5 21	14 18.18	−15 37.8	1.018	1.990	11.3	16.1
5 31	14 12.12	−14 49.1	1.054	1.978	16.6	16.4
6 10	14 9.43	−14 17.0	1.107	1.966	21.1	16.6

272678 2005 XD_{21} 5 1.7 315.°18 0.°1/ 1.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.57	−16 21.4	1.544	2.428	13.8	20.6
4 11	14 53.24	−16 1.3	1.471	2.419	9.8	20.3
4 21	14 45.65	−15 31.3	1.420	2.411	5.2	20.0
5 1	14 36.70	−14 54.6	1.394	2.402	0.3	19.6
5 11	14 27.60	−14 16.2	1.395	2.394	4.7	19.9
5 21	14 19.52	−13 41.6	1.421	2.386	9.5	20.2
5 31	14 13.45	−13 16.1	1.470	2.378	13.8	20.4
6 10	14 10.02	−13 3.5	1.538	2.371	17.5	20.6

29745 Mareknovak 5 1.7 176.°15 1.°1/ 1.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 4.65	−13 0.7	1.703	2.578	13.2	18.9
4 11	14 57.25	−12 50.0	1.636	2.581	9.3	18.6
4 21	14 47.66	−12 33.9	1.593	2.583	4.9	18.4
5 1	14 36.83	−12 15.2	1.577	2.584	1.1	18.1
5 11	14 25.96	−11 57.9	1.589	2.584	4.9	18.4
5 21	14 16.18	−11 45.8	1.629	2.584	9.3	18.6
5 31	14 8.44	−11 42.4	1.692	2.583	13.3	18.9
6 10	14 3.29	−11 50.0	1.776	2.582	16.6	19.1

94377 2001 SR_{61} 5 1.7 236.°34 2.°4/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.46	−12 36.0	1.564	2.449	13.6	20.2
4 11	14 54.51	−11 32.4	1.489	2.440	9.5	19.9
4 21	14 46.30	−10 20.1	1.438	2.429	5.1	19.6
5 1	14 36.76	− 9 4.9	1.414	2.418	2.5	19.4
5 11	14 27.09	− 7 54.6	1.416	2.406	6.2	19.6
5 21	14 18.46	− 6 56.1	1.444	2.394	10.8	19.9
5 31	14 11.84	− 6 14.8	1.495	2.382	15.0	20.1
6 10	14 7.84	− 5 53.4	1.565	2.369	18.5	20.3

508487 2016 PN_{70} 5 1.7 234.°30 1.°2/30.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.57	−12 1.5	2.339	3.212	10.2	21.8
4 11	14 52.59	−11 50.7	2.261	3.206	7.1	21.6
4 21	14 45.08	−11 36.7	2.210	3.199	3.8	21.4
5 1	14 36.68	−11 21.7	2.187	3.193	1.2	21.2
5 11	14 28.20	−11 8.6	2.192	3.186	4.0	21.4
5 21	14 20.41	−11 0.1	2.226	3.179	7.4	21.6
5 31	14 13.98	−10 58.6	2.286	3.171	10.5	21.8
6 10	14 9.38	−11 5.7	2.367	3.164	13.2	21.9

341897 2008 HJ_{43} 5 1.7 296.°64 0.°5/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 49.97	−13 51.3	4.203	5.072	6.1	21.2
4 11	14 46.08	−13 27.6	4.125	5.067	4.3	21.1
4 21	14 41.46	−13 1.1	4.074	5.063	2.2	20.9
5 1	14 36.45	−12 33.3	4.052	5.059	0.5	20.8
5 11	14 31.42	−12 6.2	4.061	5.055	2.3	20.9
5 21	14 26.74	−11 41.5	4.098	5.050	4.3	21.1
5 31	14 22.73	−11 21.0	4.163	5.046	6.2	21.2
6 10	14 19.66	−11 6.0	4.252	5.042	7.9	21.3

152013 2004 JG_{36} 5 1.7 298.°88 4.°5/28.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.78	− 6 58.9	1.540	2.435	13.2	20.0
4 11	14 52.70	− 6 0.3	1.462	2.415	9.5	19.8
4 21	14 45.39	− 4 59.0	1.407	2.395	5.8	19.5
5 1	14 36.71	− 4 1.8	1.378	2.375	4.7	19.4
5 11	14 27.79	− 3 15.9	1.375	2.355	7.7	19.5
5 21	14 19.79	− 2 46.8	1.396	2.336	11.9	19.7
5 31	14 13.69	− 2 37.9	1.438	2.317	15.9	19.9
6 10	14 10.14	− 2 50.1	1.498	2.298	19.4	20.1

346179 2007 WL_{22} 5 1.7 249.°68 2.°4/ 3.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.09	−24 8.9	2.166	3.016	11.8	21.2
4 11	14 52.46	−23 58.3	2.083	3.009	8.8	21.0
4 21	14 45.08	−23 34.5	2.025	3.002	5.5	20.8
5 1	14 36.69	−22 58.6	1.993	2.994	2.7	20.6
5 11	14 28.19	−22 13.8	1.989	2.987	3.8	20.6
5 21	14 20.49	−21 24.6	2.013	2.979	7.1	20.8
5 31	14 14.34	−20 36.3	2.063	2.971	10.4	21.0
6 10	14 10.26	−19 53.9	2.135	2.963	13.4	21.2

155716 2000 QE_{196} 5 1.7 141.°73 6.°4/25.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.11	+ 1 57.2	2.115	2.992	10.9	20.1
4 11	14 52.18	+ 3 15.1	2.069	3.002	8.4	19.9
4 21	14 44.79	+ 4 26.3	2.049	3.011	6.7	19.9
5 1	14 36.67	+ 5 24.4	2.055	3.020	6.7	19.9
5 11	14 28.66	+ 6 4.9	2.089	3.028	8.5	20.0
5 21	14 21.50	+ 6 25.3	2.148	3.036	10.9	20.2
5 31	14 15.83	+ 6 25.2	2.230	3.043	13.3	20.3
6 10	14 12.04	+ 6 6.4	2.329	3.050	15.4	20.5

427548 2002 SO_{32} 5 1.7 217.°36 0.°5/ 2.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.97	−18 37.1	2.093	2.955	11.7	22.3
4 11	14 54.49	−18 12.4	2.009	2.946	8.4	22.0
4 21	14 46.17	−17 37.5	1.950	2.936	4.6	21.8
5 1	14 36.77	−16 54.8	1.919	2.926	0.7	21.5
5 11	14 27.24	−16 8.1	1.917	2.915	3.8	21.7
5 21	14 18.52	−15 22.2	1.943	2.903	7.7	21.9
5 31	14 11.42	−14 42.0	1.994	2.890	11.4	22.1
6 10	14 6.48	−14 11.5	2.068	2.877	14.4	22.3

259315 2003 FU_{37} 5 1.7 41.°49 0.°0/ 1.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.59	−17 17.7	1.452	2.337	14.5	20.1
4 11	14 53.14	−16 49.1	1.398	2.347	10.2	19.8
4 21	14 45.51	−16 9.4	1.367	2.358	5.4	19.6
5 1	14 36.72	−15 22.7	1.361	2.369	0.4	19.2
5 11	14 28.04	−14 34.9	1.381	2.380	4.7	19.6
5 21	14 20.60	−13 52.2	1.426	2.392	9.4	19.9
5 31	14 15.28	−13 19.9	1.493	2.404	13.5	20.2
6 10	14 12.58	−13 1.4	1.581	2.416	17.0	20.4

407769 2011 WX_{89} 5 1.7 256.°98 1.°5/ 2.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.25	−20 17.9	1.544	2.414	14.6	21.9
4 11	14 56.04	−20 4.0	1.459	2.399	10.7	21.6
4 21	14 47.26	−19 35.8	1.396	2.383	6.1	21.3
5 1	14 36.85	−18 54.8	1.360	2.366	1.7	20.9
5 11	14 26.12	−18 5.6	1.349	2.349	4.7	21.1
5 21	14 16.41	−17 14.6	1.365	2.331	9.7	21.3
5 31	14 8.87	−16 29.1	1.404	2.314	14.3	21.6
6 10	14 4.21	−15 54.9	1.462	2.295	18.2	21.8

277606 2006 AE_{68} 5 1.7 121.°96 1.°5/30.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.36	−13 13.8	1.821	2.703	12.2	21.0
4 11	14 52.69	−12 37.3	1.756	2.705	8.5	20.8
4 21	14 45.20	−11 54.7	1.715	2.706	4.5	20.5
5 1	14 36.71	−11 10.1	1.702	2.708	1.5	20.3
5 11	14 28.22	−10 28.4	1.716	2.710	4.8	20.5
5 21	14 20.68	− 9 54.2	1.756	2.711	8.8	20.8
5 31	14 14.86	− 9 31.4	1.821	2.713	12.4	21.0
6 10	14 11.25	− 9 22.1	1.905	2.714	15.5	21.2

108592 2001 MC_{13} 5 1.7 273.°16 0.°0/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.54	−17 37.7	1.772	2.646	12.9	19.7
4 11	14 53.86	−17 4.8	1.680	2.624	9.2	19.4
4 21	14 46.01	−16 20.1	1.612	2.601	5.0	19.1
5 1	14 36.79	−15 26.7	1.571	2.579	0.3	18.7
5 11	14 27.28	−14 29.5	1.557	2.555	4.4	19.0
5 21	14 18.60	−13 34.7	1.570	2.532	9.1	19.2
5 31	14 11.70	−12 48.4	1.607	2.508	13.3	19.4
6 10	14 7.26	−12 15.1	1.664	2.484	16.9	19.6

122622 2000 RS_{64} 5 1.7 146°.44 1°.3/30.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 58.04	−15 9.0	2.041	2.916	11.4	19.8
4 11	14 52.26	−14 0.9	1.978	2.924	7.9	19.6
4 21	14 44.89	−12 44.5	1.940	2.930	4.1	19.3
5 1	14 36.71	−11 24.8	1.931	2.937	1.3	19.1
5 11	14 28.61	−10 7.9	1.950	2.943	4.5	19.4
5 21	14 21.41	− 8 59.5	1.998	2.949	8.2	19.6
5 31	14 15.78	− 8 4.0	2.070	2.954	11.5	19.8
6 10	14 12.15	− 7 24.1	2.164	2.959	14.3	20.0

222475 2001 ST_{55} 5 1.7 188°.16 0°.2/ 1.8 17

4 1	15 2.64	−16 13.1	2.228	3.090	11.1	20.5
4 11	14 55.53	−16 13.6	2.152	3.090	7.9	20.3
4 21	14 46.68	−16 7.6	2.101	3.088	4.2	20.0
5 1	14 36.83	−15 56.7	2.079	3.087	0.4	19.7
5 11	14 26.90	−15 43.4	2.087	3.084	3.6	20.0
5 21	14 17.77	−15 30.7	2.123	3.081	7.3	20.2
5 31	14 10.21	−15 21.8	2.185	3.077	10.7	20.4
6 10	14 4.71	−15 19.6	2.270	3.073	13.5	20.6

376784 2000 QW_{144} 5 1.7 273°.56 2°.5/ 3.0 17

4 1	15 4.14	−21 50.1	1.645	2.506	14.4	21.9
4 11	14 57.53	−21 57.9	1.544	2.477	10.7	21.6
4 21	14 48.19	−21 52.1	1.466	2.447	6.5	21.3
5 1	14 36.95	−21 32.3	1.413	2.417	2.7	21.0
5 11	14 25.10	−21 0.9	1.388	2.386	4.9	21.0
5 21	14 14.03	−20 22.8	1.389	2.354	9.6	21.2
5 31	14 5.03	−19 44.8	1.414	2.322	14.3	21.4
6 10	13 58.97	−19 13.8	1.459	2.289	18.4	21.6

165163 2000 QP_{87} 5 1.7 275°.87 2°.3/ 3.1 17

4 1	15 1.15	−22 16.2	1.478	2.347	15.2	20.7
4 11	14 55.40	−22 5.4	1.392	2.329	11.3	20.5
4 21	14 46.99	−21 37.7	1.328	2.312	6.7	20.1
5 1	14 36.87	−20 54.1	1.289	2.294	2.6	19.8
5 11	14 26.39	−19 59.3	1.276	2.275	4.9	19.9
5 21	14 16.95	−19 0.1	1.288	2.257	9.8	20.2
5 31	14 9.75	−18 4.7	1.323	2.238	14.5	20.4
6 10	14 5.55	−17 20.2	1.377	2.220	18.6	20.6

54232 2000 JL_{15} 5 1.7 9°.15 0°.8/ 1.0 18

4 1	14 56.87	−14 43.9	1.992	2.870	11.4	19.4
4 11	14 51.57	−14 10.9	1.923	2.870	8.0	19.2
4 21	14 44.59	−13 31.1	1.880	2.871	4.2	18.9
5 1	14 36.70	−12 47.9	1.864	2.871	0.8	18.7
5 11	14 28.80	−12 5.8	1.876	2.872	4.2	18.9
5 21	14 21.74	−11 29.2	1.914	2.872	8.0	19.2
5 31	14 16.24	−11 1.9	1.978	2.873	11.5	19.4
6 10	14 12.77	−10 46.3	2.062	2.873	14.4	19.6

285098 1994 UZ_{8} 5 1.7 317°.59 3°.4/ 3.5 17

4 1	15 0.66	−23 8.7	1.680	2.541	14.1	20.5
4 11	14 54.82	−23 37.6	1.599	2.529	10.6	20.2
4 21	14 46.59	−23 53.8	1.540	2.518	6.7	19.9
5 1	14 36.85	−23 56.3	1.506	2.507	3.6	19.7
5 11	14 26.81	−23 47.0	1.499	2.496	4.9	19.8
5 21	14 17.69	−23 29.7	1.518	2.485	8.8	20.0
5 31	14 10.59	−23 9.9	1.560	2.475	12.8	20.2
6 10	14 6.19	−22 53.2	1.623	2.466	16.3	20.4

280390 2003 UH_{197} 5 1.7 261°.98 0°.9/ 1.0 17

4 1	14 59.18	−13 36.2	2.016	2.892	11.4	21.1
4 11	14 53.29	−13 19.7	1.934	2.880	8.1	20.9
4 21	14 45.58	−12 57.6	1.878	2.868	4.3	20.6
5 1	14 36.79	−12 32.8	1.849	2.856	0.9	20.4
5 11	14 27.85	−12 8.8	1.848	2.843	4.3	20.6
5 21	14 19.67	−11 49.3	1.874	2.831	8.2	20.8
5 31	14 13.07	−11 37.8	1.926	2.818	11.8	21.0
6 10	14 8.58	−11 36.7	1.998	2.806	14.9	21.2

263684 2008 GS_{131} 5 1.7 67°.49 2°.5/ 4.4 18

4 1	14 56.05	−27 20.3	2.292	3.131	11.6	19.9
4 11	14 50.82	−26 24.1	2.221	3.139	8.7	19.7
4 21	14 44.12	−25 11.5	2.175	3.147	5.5	19.5
5 1	14 36.68	−23 45.3	2.156	3.156	2.8	19.4
5 11	14 29.36	−22 10.8	2.166	3.164	3.5	19.4
5 21	14 22.90	−20 34.4	2.206	3.172	6.5	19.6
5 31	14 17.92	−19 2.4	2.272	3.181	9.6	19.8
6 10	14 14.82	−17 40.3	2.362	3.189	12.3	20.0

314076 2005 CQ_{17} 5 1.7 117°.70 2°.9/29.7 18

4 1	15 2.16	− 9 48.6	1.700	2.582	12.9	21.8
4 11	14 55.28	− 8 58.9	1.652	2.600	9.0	21.6
4 21	14 46.52	− 8 6.4	1.628	2.617	5.0	21.4
5 1	14 36.84	− 7 16.4	1.631	2.633	3.0	21.3
5 11	14 27.36	− 6 34.5	1.663	2.649	5.9	21.5
5 21	14 19.06	− 6 5.0	1.720	2.664	9.8	21.7
5 31	14 12.69	− 5 50.4	1.801	2.679	13.3	22.0
6 10	14 8.69	− 5 51.5	1.902	2.692	16.2	22.2

60106 1999 TT_{201} 5 1.7 146°.36 1°.1/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 57.74	−14 54.6	1.985	2.862	11.5	19.6
4 11	14 52.14	−14 5.7	1.920	2.866	8.1	19.4
4 21	14 44.89	−13 9.2	1.879	2.870	4.2	19.1
5 1	14 36.74	−12 9.2	1.867	2.873	1.1	18.9
5 11	14 28.64	−11 11.1	1.882	2.877	4.4	19.2
5 21	14 21.42	−10 19.9	1.925	2.880	8.2	19.4
5 31	14 15.80	− 9 39.8	1.992	2.883	11.6	19.6
6 10	14 12.22	− 9 13.3	2.081	2.885	14.5	19.8

247412 2002 CU_{120} 5 1.7 38°.51 5°.9/26.2 18

4 1	14 55.38	+ 1 19.5	2.189	3.070	10.4	20.0
4 11	14 50.32	+ 2 22.6	2.136	3.072	8.0	19.8
4 21	14 43.87	+ 3 19.6	2.108	3.075	6.2	19.7
5 1	14 36.68	+ 4 5.3	2.107	3.077	6.2	19.7
5 11	14 29.53	+ 4 35.2	2.133	3.079	7.9	19.8
5 21	14 23.14	+ 4 47.3	2.184	3.081	10.3	20.0
5 31	14 18.10	+ 4 40.8	2.257	3.084	12.8	20.2
6 10	14 14.82	+ 4 17.1	2.349	3.086	14.9	20.3

448 Natalie 5 1.7 271°.80 0°.5/ 2.1 18

4 1	14 59.16	−16 52.8	2.411	3.275	10.3	15.4
4 11	14 53.13	−16 57.9	2.319	3.257	7.4	15.2
4 21	14 45.46	−16 57.0	2.253	3.240	4.0	15.0
5 1	14 36.80	−16 51.0	2.216	3.223	0.6	14.7
5 11	14 27.92	−16 42.3	2.207	3.205	3.3	14.9
5 21	14 19.65	−16 33.3	2.227	3.187	6.9	15.1
5 31	14 12.71	−16 27.1	2.273	3.169	10.1	15.2
6 10	14 7.63	−16 26.4	2.342	3.151	12.9	15.4

203361 2001 VT_{102} 5 1.7 200°.27 0°.7/ 2.2 16

4 1	15 3.06	−18 42.0	1.709	2.576	13.6	21.7
4 11	14 56.27	−18 23.7	1.634	2.573	9.7	21.5
4 21	14 47.25	−17 53.7	1.583	2.570	5.4	21.2
5 1	14 36.91	−17 14.5	1.558	2.565	0.9	20.9
5 11	14 26.48	−16 30.5	1.562	2.561	4.3	21.1
5 21	14 17.09	−15 47.3	1.592	2.555	8.9	21.3
5 31	14 9.72	−15 10.8	1.647	2.549	13.0	21.6
6 10	14 4.95	−14 45.2	1.722	2.542	16.5	21.8

159427 1999 TG_{268} 5 1.7 334°.44 5°.1/ 5.7 18

4 1	14 56.35	−30 25.2	1.522	2.370	16.0	18.8
4 11	14 51.91	−30 4.0	1.442	2.360	12.6	18.5
4 21	14 45.06	−29 17.5	1.384	2.350	8.8	18.3
5 1	14 36.77	−28 6.1	1.348	2.341	5.6	18.0
5 11	14 28.36	−26 35.0	1.338	2.333	5.7	18.0
5 21	14 21.10	−24 52.8	1.353	2.325	9.2	18.2
5 31	14 16.02	−23 10.2	1.392	2.318	13.2	18.4
6 10	14 13.73	−21 36.8	1.451	2.312	16.9	18.6

31774 Debralas 5 1.7 342°.75 1°.5/30.6 17

4 1	14 55.86	−12 59.6	1.814	2.700	12.0	18.8
4 11	14 51.03	−12 26.0	1.744	2.695	8.4	18.5
4 21	14 44.39	−11 46.6	1.698	2.689	4.4	18.3
5 1	14 36.73	−11 5.2	1.678	2.684	1.5	18.1
5 11	14 29.00	−10 26.8	1.686	2.680	4.8	18.3
5 21	14 22.14	− 9 55.8	1.719	2.676	8.8	18.5
5 31	14 16.92	− 9 36.0	1.776	2.672	12.5	18.7
6 10	14 13.86	− 9 29.6	1.853	2.669	15.6	18.9

150939 2001 TX_{97} 5 1.7 260°.88 1°.0/ 2.5 17

4 1	14 59.90	−19 59.8	1.869	2.735	12.7	20.7
4 11	14 54.03	−19 37.0	1.780	2.718	9.2	20.4
4 21	14 46.08	−19 1.7	1.714	2.700	5.2	20.2
5 1	14 36.84	−18 16.0	1.675	2.682	1.2	19.8
5 11	14 27.38	−17 24.0	1.664	2.663	4.0	20.0
5 21	14 18.74	−16 31.4	1.680	2.644	8.4	20.2
5 31	14 11.85	−15 44.1	1.721	2.625	12.4	20.4
6 10	14 7.34	−15 7.0	1.782	2.605	15.9	20.6

429595 2011 EE_{69} 5 1.7 313°.90 2°.5/30.2 17

4 1	14 59.36	− 9 55.1	1.646	2.534	12.9	20.7
4 11	14 53.67	− 9 36.1	1.574	2.525	9.1	20.4
4 21	14 45.88	− 9 14.5	1.526	2.517	5.0	20.1
5 1	14 36.84	− 8 54.2	1.505	2.509	2.5	20.0
5 11	14 27.66	− 8 39.5	1.509	2.501	5.7	20.1
5 21	14 19.44	− 8 34.2	1.539	2.493	9.9	20.4
5 31	14 13.09	− 8 41.0	1.593	2.485	13.9	20.6
6 10	14 9.19	− 9 1.1	1.665	2.478	17.2	20.8

430110 2013 TX_{3} 5 1.7 176°.75 3°.4/ 4.6 17

4 1	15 1.44	−27 14.4	2.322	3.152	11.8	22.0
4 11	14 54.74	−27 17.0	2.244	3.155	9.0	21.9
4 21	14 46.30	−27 5.3	2.190	3.156	6.0	21.7
5 1	14 36.86	−26 39.7	2.164	3.157	3.7	21.5
5 11	14 27.38	−26 2.5	2.166	3.158	4.2	21.6
5 21	14 18.73	−25 17.9	2.197	3.158	6.9	21.7
5 31	14 11.68	−24 31.0	2.254	3.157	9.9	21.9
6 10	14 6.72	−23 47.1	2.334	3.156	12.6	22.1

151017 2001 UC_{114} 5 1.7 58°.15 0°.3/ 1.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 4.20	−13 47.3	1.530	2.410	14.2	19.4
4 11	14 57.05	−14 8.6	1.476	2.423	10.0	19.2
4 21	14 47.62	−14 24.8	1.446	2.436	5.3	19.0
5 1	14 36.95	−14 37.3	1.442	2.449	0.4	18.6
5 11	14 26.36	−14 48.3	1.465	2.463	4.7	19.0
5 21	14 17.04	−15 0.8	1.514	2.477	9.2	19.3
5 31	14 9.93	−15 17.7	1.587	2.491	13.3	19.6
6 10	14 5.56	−15 41.2	1.680	2.505	16.6	19.8

405399 2004 OJ 5 1.7 258°.75 3°.2/29.6 16

4 1	15 2.75	− 9 24.8	1.694	2.576	12.9	22.3
4 11	14 56.21	− 8 38.3	1.604	2.551	9.2	22.0
4 21	14 47.34	− 7 46.8	1.537	2.526	5.3	21.7
5 1	14 36.95	− 6 55.6	1.498	2.499	3.3	21.5
5 11	14 26.19	− 6 10.6	1.486	2.472	6.5	21.6
5 21	14 16.25	− 5 37.6	1.501	2.444	11.0	21.8
5 31	14 8.19	− 5 20.7	1.538	2.415	15.2	22.0
6 10	14 2.71	− 5 21.8	1.595	2.385	18.8	22.2

161892 2007 DK_{19} 5 1.7 137°.32 1°.8/30.3 17

4 1	14 59.71	−12 14.8	1.954	2.833	11.6	21.3
4 11	14 53.49	−11 33.0	1.895	2.842	8.1	21.1
4 21	14 45.60	−10 46.3	1.861	2.851	4.3	20.9
5 1	14 36.82	− 9 59.0	1.854	2.859	1.8	20.7
5 11	14 28.12	− 9 15.7	1.876	2.867	4.8	21.0
5 21	14 20.37	− 8 40.8	1.925	2.875	8.5	21.2
5 31	14 14.27	− 8 17.6	1.999	2.882	11.9	21.4
6 10	14 10.28	− 8 7.8	2.093	2.889	14.7	21.6

14115 Melaas 5 1.7 207°.33 1°.0/ 2.5 18

4 1	15 0.73	−20 18.1	2.036	2.895	12.0	19.7
4 11	14 54.37	−19 50.6	1.955	2.890	8.7	19.5
4 21	14 46.15	−19 11.2	1.899	2.884	4.9	19.2
5 1	14 36.86	−18 22.2	1.871	2.877	1.2	18.9
5 11	14 27.49	−17 28.0	1.871	2.870	3.7	19.1
5 21	14 18.98	−16 33.6	1.900	2.862	7.7	19.3
5 31	14 12.15	−15 44.5	1.954	2.853	11.4	19.5
6 10	14 7.52	−15 5.3	2.029	2.844	14.5	19.7

506215 2016 JC_{15} 5 1.7 263°.87 8°.9/23.1 17

4 1	14 58.23	+ 8 0.7	1.975	2.844	12.0	21.5
4 11	14 52.62	+ 9 30.7	1.908	2.824	10.0	21.3
4 21	14 45.24	+10 50.4	1.865	2.804	9.0	21.2
5 1	14 36.82	+11 52.2	1.848	2.784	9.4	21.2
5 11	14 28.26	+12 30.1	1.856	2.763	11.2	21.2
5 21	14 20.46	+12 41.2	1.886	2.742	13.7	21.4
5 31	14 14.21	+12 25.5	1.937	2.720	16.1	21.5
6 10	14 10.02	+11 45.6	2.005	2.698	18.3	21.6

165261 2000 SA_{226} 5 1.7 86°.12 5°.3/28.2 18

4 1	15 2.09	− 4 53.0	1.489	2.379	13.9	19.9
4 11	14 55.27	− 3 42.0	1.456	2.404	9.9	19.8
4 21	14 46.51	− 2 34.1	1.446	2.429	6.4	19.6
5 1	14 36.88	− 1 36.7	1.463	2.454	5.5	19.6
5 11	14 27.60	− 0 55.8	1.506	2.478	8.1	19.8
5 21	14 19.69	− 0 34.8	1.573	2.502	11.6	20.1
5 31	14 13.88	− 0 34.5	1.663	2.526	14.9	20.3
6 10	14 10.57	− 0 53.3	1.770	2.548	17.7	20.6

384852 2012 SU_{17} 5 1.7 112°.16 1°.3/ 2.8 17

4 1	14 57.53	−21 14.7	2.077	2.938	11.8	21.0
4 11	14 52.03	−20 48.6	2.006	2.941	8.5	20.8
4 21	14 44.86	−20 10.8	1.960	2.944	4.9	20.6
5 1	14 36.79	−19 23.6	1.942	2.947	1.5	20.4
5 11	14 28.72	−18 31.2	1.951	2.950	3.5	20.5
5 21	14 21.51	−17 38.5	1.988	2.953	7.2	20.8
5 31	14 15.89	−16 50.7	2.051	2.956	10.6	21.0
6 10	14 12.30	−16 11.9	2.135	2.959	13.5	21.2

51788 2001 ME_{21} 5 1.7 292°.73 1°.4/30.7 17

4 1	14 57.53	−12 51.6	1.980	2.860	11.4	19.7
4 11	14 52.10	−12 24.3	1.907	2.855	8.0	19.4
4 21	14 44.94	−11 51.8	1.858	2.849	4.2	19.2
5 1	14 36.80	−11 17.4	1.837	2.843	1.4	19.0
5 11	14 28.58	−10 45.4	1.844	2.838	4.5	19.2
5 21	14 21.17	−10 19.7	1.877	2.832	8.3	19.4
5 31	14 15.33	−10 3.8	1.935	2.827	11.8	19.6
6 10	14 11.55	− 9 59.6	2.014	2.822	14.8	19.8

425195 2009 UX_{136} 5 1.7 200°.66 2°.0/30.4 17

4 1	15 2.06	− 9 46.4	2.149	3.022	11.0	21.5
4 11	14 55.16	− 9 35.6	2.074	3.018	7.7	21.3
4 21	14 46.53	− 9 23.1	2.026	3.014	4.2	21.1
5 1	14 36.91	− 9 11.5	2.006	3.010	2.0	20.9
5 11	14 27.20	− 9 3.8	2.015	3.005	4.7	21.1
5 21	14 18.30	− 9 2.6	2.052	2.999	8.3	21.3
5 31	14 10.95	− 9 10.0	2.115	2.993	11.6	21.5
6 10	14 5.65	− 9 27.3	2.199	2.987	14.4	21.7

209502 2004 KT_{15} 5 1.7 41°.61 0°.0/ 1.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 57.77	−16 36.2	1.885	2.761	12.1	20.1
4 11	14 52.26	−16 21.4	1.824	2.769	8.5	19.9
4 21	14 45.00	−15 58.7	1.789	2.778	4.5	19.7
5 1	14 36.80	−15 30.7	1.780	2.787	0.3	19.4
5 11	14 28.65	−15 1.5	1.798	2.797	3.9	19.7
5 21	14 21.44	−14 35.0	1.843	2.806	7.9	19.9
5 31	14 15.91	−14 15.2	1.913	2.816	11.4	20.2
6 10	14 12.52	−14 4.9	2.004	2.827	14.3	20.4

149207 2002 PB_{130} 5 1.7 273°.20 2°.4/ 2.9 17

4 1	15 2.62	−21 30.5	1.285	2.161	16.6	20.3
4 11	14 56.70	−21 29.5	1.209	2.150	12.2	20.0
4 21	14 47.80	−21 11.7	1.154	2.139	7.2	19.7
5 1	14 37.00	−20 38.0	1.122	2.127	2.7	19.4
5 11	14 25.87	−19 52.7	1.116	2.116	5.3	19.5
5 21	14 15.99	−19 3.4	1.133	2.104	10.6	19.8
5 31	14 8.68	−18 18.3	1.172	2.092	15.7	20.0
6 10	14 4.73	−17 44.7	1.230	2.080	20.0	20.2

201566 2003 SM_{29} 5 1.7 341°.66 1°.6/ 2.9 17

4 1	14 56.84	−22 10.0	1.715	2.583	13.5	19.8
4 11	14 51.87	−21 33.1	1.642	2.580	9.8	19.6
4 21	14 44.90	−20 40.7	1.592	2.577	5.7	19.3
5 1	14 36.80	−19 35.7	1.569	2.574	1.8	19.1
5 11	14 28.67	−18 23.9	1.572	2.572	4.0	19.2
5 21	14 21.53	−17 12.1	1.601	2.569	8.3	19.4
5 31	14 16.24	−16 7.3	1.655	2.568	12.3	19.7
6 10	14 13.33	−15 14.9	1.729	2.566	15.7	19.9

243555 1991 VB_{8} 5 1.7 229°.08 0°.7/ 1.1 18

4 1	14 56.20	−15 52.0	2.398	3.269	10.1	20.9
4 11	14 50.93	−15 3.5	2.318	3.261	7.1	20.7
4 21	14 44.25	−14 7.4	2.264	3.254	3.7	20.5
5 1	14 36.76	−13 6.9	2.239	3.246	0.7	20.2
5 11	14 29.24	−12 6.5	2.242	3.238	3.7	20.5
5 21	14 22.39	−11 10.8	2.274	3.229	7.1	20.7
5 31	14 16.84	−10 23.7	2.332	3.220	10.2	20.8
6 10	14 13.02	− 9 48.2	2.412	3.211	12.9	21.0

497215 2004 VY_{90} 5 1.7 209°.49 1°.6/ 3.2 17

4 1	15 0.00	−22 11.4	2.459	3.307	10.7	22.4
4 11	14 53.66	−21 57.4	2.373	3.300	7.8	22.2
4 21	14 45.72	−21 32.6	2.312	3.292	4.6	22.0
5 1	14 36.86	−20 58.3	2.280	3.283	1.8	21.8
5 11	14 27.91	−20 17.4	2.277	3.274	3.3	21.9
5 21	14 19.66	−19 33.7	2.302	3.265	6.6	22.1
5 31	14 12.81	−18 51.8	2.355	3.254	9.7	22.3
6 10	14 7.85	−18 15.7	2.431	3.243	12.4	22.4

312079 2007 TL_{49} 5 1.7 142°.43 1°.1/ 2.5 18

4 1	15 2.98	−19 55.4	1.860	2.721	12.9	21.6
4 11	14 55.94	−19 35.9	1.797	2.733	9.3	21.4
4 21	14 46.96	−19 4.9	1.759	2.744	5.2	21.1
5 1	14 36.94	−18 24.6	1.748	2.754	1.3	20.9
5 11	14 27.01	−17 39.4	1.765	2.764	3.9	21.1
5 21	14 18.16	−16 54.6	1.810	2.773	8.0	21.4
5 31	14 11.22	−16 15.4	1.880	2.781	11.7	21.6
6 10	14 6.66	−15 45.8	1.972	2.789	14.8	21.8

416087 2002 OQ_{18} 5 1.7 256°.34 4°.1/ 4.8 17

4 1	15 2.03	−28 29.3	1.922	2.756	13.7	21.4
4 11	14 55.69	−28 20.2	1.822	2.734	10.7	21.2
4 21	14 47.06	−27 52.0	1.746	2.712	7.3	20.9
5 1	14 36.97	−27 4.2	1.695	2.689	4.5	20.7
5 11	14 26.56	−25 59.9	1.673	2.666	5.0	20.7
5 21	14 17.01	−24 44.7	1.677	2.641	8.4	20.8
5 31	14 9.35	−23 26.6	1.707	2.616	12.2	21.0
6 10	14 4.25	−22 13.5	1.758	2.591	15.6	21.1

134635 1999 UY_{15} 5 1.7 236°.79 1°.3/30.9 17

4 1	15 3.44	−12 22.4	1.927	2.799	12.0	20.3
4 11	14 56.44	−12 10.9	1.841	2.785	8.5	20.0
4 21	14 47.36	−11 54.9	1.780	2.769	4.5	19.8
5 1	14 36.99	−11 36.8	1.747	2.753	1.3	19.5
5 11	14 26.38	−11 20.3	1.743	2.736	4.7	19.7
5 21	14 16.58	−11 8.9	1.766	2.719	8.9	19.9
5 31	14 8.50	−11 5.9	1.814	2.701	12.8	20.1
6 10	14 2.78	−11 13.6	1.883	2.682	16.0	20.3

426493 2013 RG_{29} 5 1.7 146°.31 4°.0/28.1 17

4 1	14 57.79	− 6 23.5	2.071	2.954	10.8	21.5
4 11	14 52.07	− 5 10.3	2.015	2.961	7.7	21.3
4 21	14 44.83	− 3 56.6	1.985	2.968	4.9	21.2
5 1	14 36.82	− 2 48.3	1.983	2.975	4.1	21.1
5 11	14 28.88	− 1 50.7	2.009	2.981	6.4	21.3
5 21	14 21.80	− 1 8.1	2.061	2.987	9.5	21.5
5 31	14 16.22	− 0 42.5	2.138	2.992	12.4	21.7
6 10	14 12.55	− 0 34.4	2.234	2.997	14.9	21.9

30251 Ashkin 5 1.7 201°.80 0°.2/ 1.9 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 59.83	−17 54.9	1.859	2.730	12.5	19.7
4 11	14 53.84	−17 25.0	1.786	2.728	8.9	19.4
4 21	14 45.92	−16 44.8	1.737	2.725	4.8	19.2
5 1	14 36.91	−15 57.1	1.715	2.722	0.4	18.8
5 11	14 27.84	−15 6.8	1.721	2.719	4.1	19.1
5 21	14 19.72	−14 19.2	1.754	2.716	8.3	19.4
5 31	14 13.36	−13 39.4	1.812	2.712	12.1	19.6
6 10	14 9.28	−13 11.2	1.890	2.708	15.3	19.8

393940 2005 UL_{163} 5 1.7 263°.75 0°.7/ 2.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.66	−19 58.6	2.404	3.266	10.4	21.1
4 11	14 50.61	−19 20.5	2.319	3.256	7.4	20.9
4 21	14 44.12	−18 32.1	2.260	3.246	4.1	20.7
5 1	14 36.79	−17 35.9	2.229	3.236	0.8	20.4
5 11	14 29.40	−16 36.0	2.227	3.226	3.2	20.6
5 21	14 22.68	−15 37.0	2.253	3.215	6.7	20.8
5 31	14 17.27	−14 43.4	2.305	3.205	9.9	21.0
6 10	14 13.62	−13 59.0	2.380	3.195	12.6	21.2

287522 2003 CS_{10} 5 1.7 29°.54 5°.5/27.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.57	− 0 9.2	2.076	2.959	10.8	20.1
4 11	14 51.25	+ 0 41.7	2.021	2.961	8.1	20.0
4 21	14 44.43	+ 1 27.2	1.990	2.963	6.0	19.8
5 1	14 36.81	+ 2 2.3	1.987	2.965	5.7	19.8
5 11	14 29.23	+ 2 22.7	2.010	2.967	7.6	19.9
5 21	14 22.45	+ 2 26.4	2.059	2.969	10.3	20.1
5 31	14 17.12	+ 2 12.7	2.130	2.972	12.9	20.3
6 10	14 13.65	+ 1 42.7	2.221	2.974	15.2	20.4

106730 2000 WA_{183} 5 1.7 204°.74 5°.8/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.00	+ 6 30.8	3.005	3.864	8.6	20.4
4 11	14 50.52	+ 7 25.2	2.944	3.859	6.9	20.3
4 21	14 43.94	+ 8 12.1	2.910	3.853	5.9	20.2
5 1	14 36.78	+ 8 47.7	2.903	3.846	6.1	20.2
5 11	14 29.61	+ 9 9.0	2.924	3.839	7.3	20.3
5 21	14 22.99	+ 9 14.5	2.972	3.832	9.1	20.4
5 31	14 17.38	+ 9 4.0	3.042	3.824	10.9	20.5
6 10	14 13.16	+ 8 38.7	3.132	3.815	12.5	20.6

11887 Echemmon 5 1.7 236°.56 1°.8/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 50.53	−27 22.9	4.667	5.488	6.5	18.3
4 11	14 46.50	−26 57.0	4.577	5.483	4.9	18.2
4 21	14 41.76	−26 23.4	4.514	5.478	3.3	18.1
5 1	14 36.64	−25 43.0	4.479	5.472	2.0	18.0
5 11	14 31.51	−24 57.5	4.475	5.467	2.2	18.0
5 21	14 26.75	−24 9.0	4.500	5.462	3.6	18.1
5 31	14 22.65	−23 19.9	4.554	5.456	5.3	18.2
6 10	14 19.49	−22 32.6	4.634	5.451	6.9	18.3

521241 2015 HT_{189} 5 1.7 302°.53 6°.1/26.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.57	+ 0 23.3	2.022	2.907	11.0	21.1
4 11	14 50.70	+ 1 30.1	1.953	2.892	8.4	20.9
4 21	14 44.22	+ 2 32.3	1.908	2.878	6.4	20.8
5 1	14 36.81	+ 3 23.8	1.890	2.864	6.4	20.8
5 11	14 29.31	+ 3 59.4	1.898	2.849	8.4	20.8
5 21	14 22.55	+ 4 15.8	1.931	2.836	11.2	21.0
5 31	14 17.21	+ 4 11.8	1.987	2.822	13.9	21.1
6 10	14 13.80	+ 3 48.4	2.060	2.808	16.4	21.3

434970 2006 UZ_{109} 5 1.7 234°.71 0°.5/ 2.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.44	−19 23.2	2.264	3.128	10.8	21.2
4 11	14 51.20	−18 43.0	2.185	3.123	7.7	21.0
4 21	14 44.44	−17 52.5	2.132	3.118	4.2	20.8
5 1	14 36.82	−16 54.5	2.106	3.113	0.6	20.5
5 11	14 29.17	−15 53.5	2.110	3.108	3.4	20.7
5 21	14 22.26	−14 54.2	2.141	3.103	7.0	20.9
5 31	14 16.76	−14 1.5	2.198	3.097	10.3	21.1
6 10	14 13.11	−13 19.0	2.278	3.092	13.1	21.3

239531 2008 RK_{96} 5 1.7 108°.53 1°.1/ 3.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 54.64	−21 8.7	3.505	4.352	7.8	21.4
4 11	14 49.47	−21 1.7	3.440	4.367	5.6	21.2
4 21	14 43.35	−20 48.1	3.401	4.381	3.3	21.1
5 1	14 36.75	−20 29.1	3.391	4.395	1.3	20.9
5 11	14 30.17	−20 6.5	3.412	4.409	2.3	21.0
5 21	14 24.10	−19 42.5	3.461	4.423	4.6	21.2
5 31	14 18.97	−19 19.6	3.539	4.437	6.8	21.4
6 10	14 15.07	−19 0.0	3.640	4.450	8.7	21.5

251929 1999 VE_{209} 5 1.7 217°.74 0°.5/ 2.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.67	−18 17.4	1.917	2.783	12.4	21.5
4 11	14 55.17	−17 56.0	1.836	2.775	8.9	21.2
4 21	14 46.67	−17 24.2	1.779	2.766	4.9	21.0
5 1	14 36.98	−16 44.2	1.750	2.757	0.7	20.6
5 11	14 27.15	−16 0.4	1.749	2.747	4.0	20.9
5 21	14 18.21	−15 17.6	1.776	2.737	8.2	21.1
5 31	14 11.02	−14 41.0	1.827	2.726	12.1	21.3
6 10	14 6.17	−14 14.5	1.900	2.714	15.3	21.5

173271 1999 RW_{253} 5 1.7 284°.95 2°.0/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 1.57	−21 6.3	1.535	2.405	14.7	20.5
4 11	14 55.79	−21 0.7	1.440	2.379	10.9	20.2
4 21	14 47.32	−20 40.3	1.367	2.352	6.4	19.8
5 1	14 37.04	−20 5.7	1.320	2.325	2.2	19.5
5 11	14 26.24	−19 20.8	1.298	2.297	4.8	19.6
5 21	14 16.31	−18 31.7	1.302	2.270	9.9	19.8
5 31	14 8.51	−17 45.8	1.329	2.242	14.6	20.0
6 10	14 3.67	−17 9.9	1.375	2.214	18.8	20.2

193053 2000 FE_{39} 5 1.7 65°.06 0°.6/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 4.01	−14 25.6	1.226	2.115	16.2	19.3
4 11	14 57.32	−14 23.6	1.175	2.126	11.5	19.1
4 21	14 47.93	−14 13.8	1.145	2.137	6.0	18.8
5 1	14 37.06	−13 59.2	1.140	2.148	0.6	18.5
5 11	14 26.30	−13 44.5	1.160	2.159	5.5	18.8
5 21	14 17.07	−13 34.8	1.204	2.170	10.8	19.2
5 31	14 10.46	−13 34.3	1.270	2.182	15.3	19.5
6 10	14 7.02	−13 45.8	1.354	2.193	19.1	19.7

277614 2006 BY_{1} 5 1.7 106°.15 1°.7/30.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.05	−12 24.1	1.877	2.757	11.9	21.1
4 11	14 53.12	−11 46.4	1.819	2.767	8.3	20.9
4 21	14 45.47	−11 3.8	1.786	2.776	4.4	20.7
5 1	14 36.91	−10 20.4	1.780	2.785	1.7	20.5
5 11	14 28.43	− 9 40.9	1.802	2.794	4.8	20.7
5 21	14 20.91	− 9 9.7	1.851	2.803	8.6	21.0
5 31	14 15.09	− 8 50.0	1.924	2.812	12.1	21.2
6 10	14 11.41	− 8 43.4	2.018	2.821	15.0	21.4

225979 2002 CP_{189} 5 1.7 193°.34 0°.2/ 1.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.17	−15 57.0	2.015	2.885	11.7	21.1
4 11	14 53.97	−15 38.5	1.942	2.884	8.3	20.9
4 21	14 45.97	−15 12.5	1.894	2.883	4.4	20.7
5 1	14 36.96	−14 41.6	1.873	2.881	0.3	20.3
5 11	14 27.89	−14 9.6	1.881	2.879	3.9	20.6
5 21	14 19.68	−13 40.6	1.917	2.876	7.9	20.9
5 31	14 13.11	−13 18.4	1.977	2.873	11.4	21.1
6 10	14 8.67	−13 5.9	2.059	2.870	14.4	21.3

214509 2006 BO_{89} 5 1.7 288°.15 1°.0/ 2.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.17	−19 2.7	1.771	2.643	13.0	20.6
4 11	14 53.61	−18 51.6	1.689	2.630	9.4	20.4
4 21	14 45.93	−18 29.4	1.630	2.617	5.3	20.1
5 1	14 36.96	−17 58.1	1.597	2.604	1.2	19.8
5 11	14 27.79	−17 21.4	1.591	2.591	4.1	19.9
5 21	14 19.49	−16 44.5	1.612	2.578	8.5	20.2
5 31	14 13.00	−16 12.6	1.656	2.565	12.5	20.4
6 10	14 8.94	−15 50.1	1.722	2.552	16.0	20.6

267382 2001 XY_{230} 5 1.7 93°.56 1°.7/ 2.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.26	−21 8.6	1.740	2.606	13.5	20.6
4 11	14 54.21	−20 55.6	1.677	2.613	9.8	20.3
4 21	14 46.15	−20 29.8	1.636	2.620	5.6	20.1
5 1	14 36.97	−19 53.0	1.622	2.627	1.9	19.9
5 11	14 27.82	−19 9.8	1.635	2.634	4.0	20.0
5 21	14 19.75	−18 25.4	1.675	2.641	8.2	20.3
5 31	14 13.60	−17 45.5	1.739	2.648	12.0	20.5
6 10	14 9.88	−17 14.8	1.824	2.655	15.2	20.8

58289 1994 CC_{16} 5 1.7 112°.22 1°.8/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.17	−11 52.5	1.874	2.754	12.0	19.4
4 11	14 53.89	−11 18.6	1.819	2.766	8.4	19.2
4 21	14 45.87	−10 40.4	1.788	2.778	4.4	19.0
5 1	14 36.96	−10 1.9	1.785	2.790	1.8	18.8
5 11	14 28.15	− 9 27.8	1.810	2.802	4.9	19.0
5 21	14 20.33	− 9 1.8	1.861	2.813	8.7	19.3
5 31	14 14.25	− 8 47.0	1.937	2.824	12.1	19.5
6 10	14 10.34	− 8 45.0	2.034	2.834	14.9	19.7

402951 2007 TK_{369} 5 1.7 252°.50 1°.8/ 2.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.79	−20 39.8	1.642	2.508	14.1	21.4
4 11	14 56.39	−20 37.0	1.557	2.494	10.4	21.1
4 21	14 47.52	−20 21.1	1.495	2.479	6.0	20.8
5 1	14 37.09	−19 53.0	1.458	2.464	2.0	20.5
5 11	14 26.34	−19 16.4	1.449	2.448	4.5	20.6
5 21	14 16.56	−18 36.5	1.466	2.432	9.2	20.9
5 31	14 8.85	−17 59.9	1.506	2.415	13.5	21.1
6 10	14 3.91	−17 32.2	1.567	2.398	17.3	21.3

469 Argentina 5 1.7 30°.81 6°.2/ 6.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.79	−32 44.2	1.924	2.743	14.3	13.0
4 11	14 53.98	−33 16.9	1.859	2.752	11.5	12.9
4 21	14 46.08	−33 30.2	1.816	2.762	8.7	12.7
5 1	14 36.98	−33 22.7	1.798	2.772	6.6	12.6
5 11	14 27.83	−32 56.1	1.805	2.783	6.5	12.6
5 21	14 19.74	−32 15.0	1.838	2.794	8.4	12.8
5 31	14 13.58	−31 25.9	1.895	2.805	11.1	12.9
6 10	14 9.91	−30 35.8	1.974	2.817	13.8	13.1

338080 2002 PK_{107} 5 1.7 252°.62 3°.3/ 4.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 0.32	−26 27.2	2.356	3.190	11.5	21.3
4 11	14 54.13	−26 32.0	2.259	3.173	8.8	21.1
4 21	14 46.13	−26 23.5	2.186	3.154	5.9	20.9
5 1	14 36.99	−26 1.5	2.140	3.135	3.5	20.7
5 11	14 27.62	−25 28.1	2.123	3.116	4.1	20.7
5 21	14 18.91	−24 46.8	2.134	3.096	7.0	20.8
5 31	14 11.68	−24 2.8	2.171	3.075	10.2	21.0
6 10	14 6.51	−23 21.1	2.231	3.055	13.0	21.1

251401 2007 YJ_{7} 5 1.7 225°.46 0°.0/ 1.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.58	−17 14.7	1.901	2.770	12.4	22.0
4 11	14 55.14	−16 46.4	1.818	2.759	8.8	21.8
4 21	14 46.69	−16 8.0	1.760	2.748	4.7	21.5
5 1	14 37.03	−15 22.4	1.729	2.736	0.3	21.2
5 11	14 27.21	−14 34.1	1.726	2.724	4.2	21.4
5 21	14 18.27	−13 48.3	1.751	2.710	8.5	21.7
5 31	14 11.07	−13 10.2	1.801	2.697	12.4	21.9
6 10	14 6.21	−12 43.5	1.871	2.682	15.7	22.1

37590 1991 RA_{14} 5 1.7 225°.74 1°.9/ 4.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 54.10	−25 27.2	3.994	4.822	7.3	20.0
4 11	14 49.13	−25 22.1	3.900	4.811	5.5	19.8
4 21	14 43.23	−25 9.2	3.832	4.800	3.6	19.7
5 1	14 36.79	−24 49.1	3.793	4.789	2.0	19.5
5 11	14 30.30	−24 23.3	3.784	4.777	2.5	19.6
5 21	14 24.19	−23 53.8	3.805	4.766	4.3	19.7
5 31	14 18.89	−23 23.1	3.854	4.753	6.3	19.8
6 10	14 14.72	−22 53.8	3.928	4.741	8.1	19.9

93118 2000 SY_{58} 5 1.7 85°.21 0°.3/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.13	−16 57.8	1.424	2.306	14.9	18.8
4 11	14 55.63	−16 20.4	1.376	2.323	10.5	18.6
4 21	14 46.89	−15 32.0	1.351	2.341	5.5	18.3
5 1	14 37.04	−14 37.2	1.351	2.359	0.4	18.0
5 11	14 27.40	−13 42.6	1.378	2.377	4.9	18.4
5 21	14 19.17	−12 54.7	1.431	2.394	9.6	18.7
5 31	14 13.21	−12 18.8	1.506	2.411	13.8	19.0
6 10	14 9.96	−11 58.1	1.600	2.427	17.2	19.3

209901 2005 MF_{45} 5 1.7 144°.99 21°.4/18.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 10.07	+30 21.1	1.199	1.997	22.4	19.7
4 11	15 1.54	+32 7.8	1.184	2.004	21.6	19.6
4 21	14 50.06	+33 8.5	1.184	2.010	21.4	19.6
5 1	14 37.24	+33 13.2	1.199	2.015	21.9	19.7
5 11	14 24.95	+32 20.0	1.230	2.020	23.0	19.8
5 21	14 14.74	+30 34.7	1.275	2.025	24.4	19.9
5 31	14 7.60	+28 7.6	1.333	2.029	25.9	20.0
6 10	14 3.93	+25 11.1	1.402	2.032	27.3	20.2

47675 2000 CW_{66} 5 1.7 112°.26 5°.6/27.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.41	− 3 39.8	1.750	2.637	12.3	19.5
4 11	14 53.33	− 2 7.6	1.708	2.653	9.0	19.3
4 21	14 45.55	− 0 38.1	1.690	2.668	6.2	19.2
5 1	14 36.95	+ 0 40.9	1.700	2.683	5.9	19.2
5 11	14 28.53	+ 1 42.9	1.736	2.698	8.2	19.3
5 21	14 21.18	+ 2 23.9	1.798	2.712	11.3	19.5
5 31	14 15.61	+ 2 42.6	1.882	2.726	14.3	19.8
6 10	14 12.21	+ 2 40.2	1.985	2.739	16.8	20.0

471301 2011 HS_{20} 5 1.7 336°.07 5°.7/27.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 54.97	− 4 58.2	1.455	2.356	13.4	21.0
4 11	14 50.76	− 3 41.4	1.390	2.344	9.8	20.7
4 21	14 44.43	− 2 24.3	1.349	2.333	6.5	20.5
5 1	14 36.88	− 1 15.1	1.332	2.323	6.0	20.4
5 11	14 29.23	− 0 21.8	1.340	2.313	8.8	20.6
5 21	14 22.58	+ 0 10.1	1.371	2.305	12.6	20.7
5 31	14 17.83	+ 0 17.9	1.423	2.297	16.3	21.0
6 10	14 15.54	+ 0 2.2	1.492	2.290	19.5	21.2

309304 2007 RU_{254} 5 1.7 140°.00 1°.9/ 3.0 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.64	−22 8.0	1.664	2.526	14.2	21.0
4 11	14 55.96	−21 47.0	1.600	2.534	10.3	20.8
4 21	14 47.10	−21 10.9	1.560	2.543	6.0	20.6
5 1	14 37.06	−20 22.2	1.546	2.551	2.1	20.3
5 11	14 27.08	−19 25.8	1.559	2.558	4.2	20.5
5 21	14 18.29	−18 28.1	1.599	2.565	8.5	20.8
5 31	14 11.60	−17 36.0	1.663	2.571	12.5	21.0
6 10	14 7.52	−16 54.5	1.748	2.577	15.9	21.2

83660 2001 TJ_{16} 5 1.7 322°.83 4°.8/28.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.95	− 2 13.3	2.022	2.905	11.1	19.1
4 11	14 52.32	− 1 38.6	1.959	2.902	8.1	18.9
4 21	14 45.07	− 1 7.9	1.921	2.899	5.6	18.8
5 1	14 36.92	− 0 45.7	1.909	2.896	4.9	18.7
5 11	14 28.76	− 0 35.8	1.925	2.893	7.0	18.8
5 21	14 21.40	− 0 40.5	1.966	2.891	9.9	19.0
5 31	14 15.56	− 1 0.5	2.031	2.888	12.8	19.2
6 10	14 11.68	− 1 35.2	2.116	2.886	15.4	19.4

438268 2005 XX_{108} 5 1.7 297°.25 0°.9/30.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 56.33	−13 54.0	2.195	3.072	10.6	21.3
4 11	14 51.25	−13 28.5	2.109	3.055	7.5	21.1
4 21	14 44.55	−12 57.2	2.048	3.038	3.9	20.8
5 1	14 36.89	−12 23.0	2.015	3.022	0.9	20.6
5 11	14 29.09	−11 49.5	2.010	3.005	4.0	20.8
5 21	14 21.94	−11 20.8	2.033	2.989	7.7	21.0
5 31	14 16.17	−11 0.1	2.080	2.973	11.1	21.1
6 10	14 12.28	−10 50.0	2.149	2.957	14.0	21.3

110754 2001 UB_{13} 5 1.7 209°.74 0°.9/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.35	−14 52.8	2.269	3.138	10.6	20.9
4 11	14 53.25	−14 9.1	2.189	3.132	7.4	20.7
4 21	14 45.56	−13 18.1	2.134	3.124	3.9	20.5
5 1	14 36.96	−12 23.2	2.109	3.116	0.9	20.2
5 11	14 28.30	−11 29.0	2.112	3.106	4.0	20.5
5 21	14 20.38	−10 39.8	2.144	3.097	7.6	20.7
5 31	14 13.89	− 9 59.9	2.202	3.086	10.9	20.8
6 10	14 9.31	− 9 31.8	2.282	3.075	13.7	21.0

89223 2001 UE_{123} 5 1.7 264°.91 0°.7/ 1.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.92	−15 3.1	1.545	2.425	14.1	20.3
4 11	14 56.60	−14 42.1	1.457	2.404	10.1	20.0
4 21	14 47.71	−14 11.8	1.392	2.382	5.4	19.6
5 1	14 37.12	−13 35.2	1.353	2.360	0.7	19.2
5 11	14 26.13	−12 57.3	1.340	2.337	5.2	19.5
5 21	14 16.06	−12 23.8	1.353	2.314	10.3	19.7
5 31	14 8.08	−12 0.3	1.389	2.290	15.0	19.9
6 10	14 2.96	−11 50.9	1.445	2.266	19.0	20.1

508198 2015 FB_{377} 5 1.7 357°.69 1°.9/ 3.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.92	−23 6.6	1.511	2.384	14.7	20.6
4 11	14 51.46	−22 27.6	1.442	2.382	10.8	20.4
4 21	14 44.80	−21 30.3	1.396	2.380	6.4	20.1
5 1	14 36.91	−20 18.1	1.374	2.379	2.2	19.8
5 11	14 29.00	−18 57.6	1.378	2.379	4.4	20.0
5 21	14 22.19	−17 37.0	1.407	2.379	8.9	20.2
5 31	14 17.42	−16 24.4	1.460	2.380	13.1	20.5
6 10	14 15.22	−15 25.9	1.533	2.381	16.8	20.7

35090 1990 WR_{1} 5 1.7 240°.27 4°.1/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.16	− 7 14.8	1.651	2.538	12.9	19.0
4 11	14 54.99	− 6 19.1	1.577	2.526	9.3	18.7
4 21	14 46.67	− 5 21.2	1.527	2.513	5.6	18.5
5 1	14 37.05	− 4 27.1	1.503	2.500	4.3	18.4
5 11	14 27.28	− 3 43.3	1.507	2.487	7.2	18.5
5 21	14 18.46	− 3 14.8	1.535	2.473	11.2	18.7
5 31	14 11.54	− 3 4.7	1.587	2.459	15.0	18.9
6 10	14 7.11	− 3 13.7	1.656	2.444	18.3	19.1

499163 2009 SK_{61} 5 1.7 194°.39 3°.4/ 4.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.42	−26 6.5	2.165	3.001	12.3	22.9
4 11	14 55.63	−26 16.0	2.084	2.999	9.4	22.7
4 21	14 46.91	−26 11.6	2.027	2.996	6.2	22.5
5 1	14 37.07	−25 53.2	1.998	2.993	3.6	22.3
5 11	14 27.10	−25 23.0	1.997	2.990	4.3	22.4
5 21	14 17.98	−24 45.1	2.023	2.986	7.3	22.5
5 31	14 10.56	−24 4.7	2.076	2.981	10.6	22.7
6 10	14 5.38	−23 27.3	2.152	2.976	13.5	22.9

38496 1999 TT_{120} 5 1.7 221°.09 0°.5/ 2.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.26	−18 50.2	2.637	3.498	9.6	19.8
4 11	14 50.94	−18 26.6	2.556	3.492	6.9	19.6
4 21	14 44.29	−17 55.1	2.501	3.487	3.8	19.4
5 1	14 36.88	−17 17.6	2.474	3.481	0.7	19.1
5 11	14 29.43	−16 37.2	2.476	3.475	3.0	19.3
5 21	14 22.59	−15 57.4	2.507	3.469	6.2	19.5
5 31	14 16.96	−15 21.9	2.565	3.462	9.1	19.7
6 10	14 12.95	−14 53.5	2.645	3.455	11.6	19.8

196604 2003 QH_{74} 5 1.7 182°.59 2°.6/ 4.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.57	−25 51.7	2.564	3.398	10.7	21.1
4 11	14 53.32	−25 37.7	2.483	3.398	8.1	20.9
4 21	14 45.56	−25 11.0	2.428	3.399	5.2	20.7
5 1	14 36.97	−24 32.6	2.400	3.398	2.8	20.6
5 11	14 28.36	−23 45.4	2.402	3.397	3.5	20.6
5 21	14 20.48	−22 53.3	2.433	3.396	6.2	20.8
5 31	14 13.99	−22 1.1	2.491	3.393	9.1	20.9
6 10	14 9.34	−21 13.3	2.572	3.391	11.7	21.1

502870 2015 DE_{205} 5 1.7 246°.44 4°.4/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.51	− 4 30.5	2.136	3.020	10.5	21.3
4 11	14 51.28	− 3 24.8	2.066	3.012	7.6	21.1
4 21	14 44.52	− 2 19.6	2.022	3.003	5.1	20.9
5 1	14 36.90	− 1 20.3	2.006	2.995	4.6	20.9
5 11	14 29.23	− 0 32.2	2.018	2.986	6.7	21.0
5 21	14 22.30	+ 0 1.0	2.056	2.977	9.7	21.2
5 31	14 16.75	+ 0 17.1	2.117	2.968	12.6	21.3
6 10	14 13.06	+ 0 15.9	2.198	2.958	15.2	21.5

499714 2011 AJ_{65} 5 1.7 80°.16 2°.6/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 59.79	−10 13.8	1.654	2.540	12.9	21.3
4 11	14 53.83	− 9 37.3	1.598	2.548	9.0	21.1
4 21	14 45.93	− 8 57.7	1.566	2.556	4.9	20.8
5 1	14 36.99	− 8 19.7	1.561	2.565	2.7	20.7
5 11	14 28.14	− 7 48.4	1.583	2.573	5.7	20.9
5 21	14 20.36	− 7 27.9	1.630	2.581	9.7	21.2
5 31	14 14.47	− 7 21.0	1.701	2.589	13.4	21.4
6 10	14 10.95	− 7 28.7	1.791	2.597	16.5	21.6

33236 1998 GV_{8} 5 1.7 358°.72 9°.9/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.83	+ 6 44.2	1.449	2.335	14.5	17.6
4 11	14 52.65	+ 7 52.7	1.402	2.332	11.8	17.4
4 21	14 45.37	+ 8 46.4	1.377	2.331	10.1	17.3
5 1	14 36.96	+ 9 17.1	1.375	2.330	10.3	17.3
5 11	14 28.60	+ 9 19.4	1.396	2.330	12.2	17.4
5 21	14 21.38	+ 8 52.3	1.439	2.331	15.0	17.6
5 31	14 16.15	+ 7 57.8	1.501	2.332	17.8	17.7
6 10	14 13.43	+ 6 40.7	1.579	2.334	20.3	17.9

63172 2000 YN_{41} 5 1.7 285°.60 7°.3/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.37	+ 7 15.4	2.328	3.195	10.5	19.0
4 11	14 51.06	+ 8 10.2	2.269	3.187	8.6	18.9
4 21	14 44.36	+ 8 55.1	2.234	3.179	7.4	18.8
5 1	14 36.89	+ 9 25.0	2.226	3.171	7.6	18.8
5 11	14 29.41	+ 9 36.3	2.244	3.162	9.0	18.9
5 21	14 22.61	+ 9 27.5	2.286	3.154	11.1	19.0
5 31	14 17.11	+ 8 59.0	2.349	3.146	13.2	19.1
6 10	14 13.34	+ 8 12.8	2.432	3.138	15.2	19.3

292392 2006 SD_{269} 5 1.7 337°.45 6°.1/ 4.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.35	−26 27.7	1.141	2.017	18.3	19.9
4 11	14 54.15	−27 14.4	1.067	2.001	14.3	19.6
4 21	14 46.72	−27 41.3	1.011	1.986	9.9	19.3
5 1	14 37.09	−27 45.0	0.977	1.973	6.5	19.0
5 11	14 26.96	−27 26.6	0.965	1.960	7.2	19.0
5 21	14 18.09	−26 51.8	0.975	1.949	11.4	19.2
5 31	14 12.02	−26 9.9	1.005	1.940	16.2	19.4
6 10	14 9.64	−25 30.7	1.053	1.932	20.5	19.7

377708 2005 WW_{56} 5 1.7 265°.16 0°.6/ 2.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.12	−17 58.2	1.917	2.785	12.3	21.7
4 11	14 54.96	−17 46.5	1.824	2.763	8.9	21.4
4 21	14 46.70	−17 25.2	1.754	2.742	4.9	21.1
5 1	14 37.09	−16 55.7	1.712	2.719	0.8	20.8
5 11	14 27.17	−16 21.8	1.698	2.697	4.0	21.0
5 21	14 18.00	−15 48.0	1.711	2.673	8.4	21.2
5 31	14 10.53	−15 19.1	1.749	2.650	12.4	21.4
6 10	14 5.41	−14 59.5	1.808	2.626	15.9	21.5

92979 2000 RS_{68} 5 1.7 149°.66 0°.5/ 2.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.07	−15 37.5	1.931	2.796	12.4	18.4
4 11	14 57.53	−16 4.8	1.860	2.799	8.8	18.2
4 21	14 47.95	−16 26.6	1.815	2.802	4.8	17.9
5 1	14 37.17	−16 43.4	1.798	2.806	0.7	17.6
5 11	14 26.29	−16 56.6	1.810	2.809	3.9	17.9
5 21	14 16.37	−17 8.6	1.851	2.811	8.0	18.1
5 31	14 8.28	−17 22.2	1.916	2.814	11.7	18.4
6 10	14 2.59	−17 40.2	2.004	2.816	14.7	18.6

425856 2011 EL_{72} 5 1.7 180°.35 3°.4/ 4.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.00	−25 37.2	2.057	2.898	12.7	21.2
4 11	14 55.39	−25 49.4	1.980	2.899	9.6	21.0
4 21	14 46.81	−25 47.6	1.928	2.899	6.3	20.8
5 1	14 37.09	−25 31.9	1.903	2.899	3.6	20.7
5 11	14 27.27	−25 4.4	1.905	2.899	4.4	20.7
5 21	14 18.35	−24 29.4	1.935	2.898	7.5	20.9
5 31	14 11.19	−23 52.2	1.990	2.897	10.8	21.1
6 10	14 6.34	−23 18.2	2.068	2.896	13.8	21.3

188281 2003 AL_{87} 5 1.7 99°.21 5°.2/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.37	− 4 8.0	1.691	2.579	12.6	20.1
4 11	14 53.43	− 3 1.7	1.644	2.591	9.1	20.0
4 21	14 45.67	− 1 58.1	1.621	2.602	6.0	19.8
5 1	14 37.01	− 1 3.6	1.625	2.613	5.4	19.8
5 11	14 28.48	− 0 23.9	1.655	2.625	7.7	19.9
5 21	14 21.03	− 0 2.6	1.710	2.635	11.1	20.2
5 31	14 15.40	− 0 0.9	1.787	2.646	14.2	20.4
6 10	14 12.01	− 0 17.9	1.883	2.656	16.9	20.6

377910 2006 DB_{206} 5 1.7 156°.29 1°.3/30.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.93	−13 8.4	2.102	2.978	11.1	21.7
4 11	14 52.98	−12 32.6	2.037	2.982	7.7	21.5
4 21	14 45.43	−11 51.4	1.997	2.987	4.1	21.2
5 1	14 37.01	−11 8.5	1.985	2.991	1.4	21.1
5 11	14 28.62	−10 28.3	2.001	2.994	4.3	21.3
5 21	14 21.08	− 9 54.5	2.046	2.998	7.9	21.5
5 31	14 15.06	− 9 30.7	2.115	3.001	11.2	21.7
6 10	14 11.01	− 9 18.8	2.205	3.003	14.0	21.9

284103 2005 QP_{181} 5 1.7 130°.04 2°.8/ 3.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 5.14	−22 29.3	1.430	2.295	15.9	21.0
4 11	14 58.09	−22 36.4	1.368	2.303	11.7	20.8
4 21	14 48.41	−22 27.5	1.329	2.310	7.1	20.6
5 1	14 37.23	−22 3.3	1.314	2.317	3.1	20.3
5 11	14 26.04	−21 28.0	1.325	2.324	4.9	20.5
5 21	14 16.23	−20 47.6	1.362	2.330	9.5	20.7
5 31	14 8.91	−20 9.6	1.423	2.336	13.8	21.0
6 10	14 4.64	−19 40.0	1.502	2.342	17.5	21.3

464636 1999 TY_{225} 5 1.7 224°.23 0°.8/ 2.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.24	−18 56.1	1.915	2.778	12.5	22.0
4 11	14 55.66	−18 41.5	1.831	2.769	9.0	21.7
4 21	14 47.02	−18 16.3	1.772	2.758	5.0	21.5
5 1	14 37.14	−17 42.2	1.740	2.747	1.0	21.2
5 11	14 27.08	−17 3.2	1.737	2.735	4.0	21.3
5 21	14 17.89	−16 23.9	1.761	2.723	8.2	21.6
5 31	14 10.47	−15 49.5	1.810	2.710	12.1	21.8
6 10	14 5.42	−15 24.3	1.880	2.697	15.4	22.0

469280 1995 SS_{62} 5 1.7 207°.52 0°.8/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.56	−13 45.4	3.020	3.886	8.4	22.8
4 11	14 51.01	−13 15.1	2.938	3.879	5.8	22.6
4 21	14 44.30	−12 40.4	2.883	3.872	3.1	22.4
5 1	14 36.94	−12 3.7	2.858	3.864	0.8	22.3
5 11	14 29.54	−11 27.9	2.862	3.856	3.2	22.4
5 21	14 22.67	−10 55.7	2.896	3.847	6.0	22.6
5 31	14 16.83	−10 29.8	2.957	3.837	8.6	22.8
6 10	14 12.40	−10 12.1	3.042	3.827	10.8	22.9

260885 2005 QG_{142} 5 1.7 262°.57 3°.4/28.0 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.15	− 7 12.7	2.453	3.335	9.4	21.2
4 11	14 50.24	− 5 57.6	2.372	3.319	6.7	21.0
4 21	14 43.97	− 4 39.9	2.318	3.302	4.2	20.8
5 1	14 36.92	− 3 24.7	2.292	3.285	3.6	20.7
5 11	14 29.79	− 2 17.2	2.295	3.268	5.7	20.8
5 21	14 23.25	− 1 21.6	2.326	3.251	8.6	21.0
5 31	14 17.90	− 0 41.1	2.382	3.233	11.4	21.1
6 10	14 14.18	− 0 16.9	2.458	3.215	13.8	21.3

111669 2002 BE_{11} 5 1.7 76°.84 4°.5/ 5.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.28	−30 6.8	2.351	3.171	12.0	19.5
4 11	14 53.34	−30 25.1	2.276	3.175	9.4	19.3
4 21	14 45.68	−30 28.5	2.224	3.178	6.8	19.2
5 1	14 37.04	−30 16.3	2.199	3.182	4.8	19.0
5 11	14 28.33	−29 50.4	2.201	3.186	4.9	19.0
5 21	14 20.42	−29 14.3	2.231	3.189	7.0	19.2
5 31	14 14.05	−28 33.0	2.286	3.193	9.6	19.3
6 10	14 9.74	−27 51.9	2.365	3.196	12.2	19.5

363392 2002 XB_{88} 5 1.7 78°.40 7°.0/ 6.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.15	−34 4.2	1.652	2.469	16.3	19.7
4 11	14 56.60	−34 26.1	1.590	2.482	13.2	19.6
4 21	14 47.57	−34 23.8	1.550	2.495	10.0	19.4
5 1	14 37.17	−33 55.7	1.534	2.508	7.5	19.3
5 11	14 26.82	−33 4.7	1.542	2.521	7.2	19.3
5 21	14 17.83	−31 57.4	1.576	2.534	9.4	19.4
5 31	14 11.21	−30 42.8	1.634	2.547	12.4	19.6
6 10	14 7.50	−29 29.9	1.713	2.560	15.4	19.9

73326 2002 JH_{102} 5 1.7 328°.29 2°.1/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.53	−10 59.9	1.440	2.328	14.4	19.2
4 11	14 56.16	−10 49.4	1.376	2.327	10.1	19.0
4 21	14 47.37	−10 35.4	1.335	2.326	5.5	18.7
5 1	14 37.17	−10 21.5	1.319	2.325	2.1	18.5
5 11	14 26.87	−10 12.1	1.329	2.324	5.8	18.7
5 21	14 17.76	−10 11.0	1.365	2.323	10.5	19.0
5 31	14 10.87	−10 21.3	1.422	2.322	14.8	19.2
6 10	14 6.79	−10 44.2	1.499	2.321	18.4	19.5

250935 2005 WW_{194} 5 1.7 277°.61 9°.0/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.03	+15 16.5	2.470	3.301	11.1	20.2
4 11	14 54.36	+15 54.7	2.400	3.280	9.8	20.1
4 21	14 46.17	+16 17.7	2.354	3.259	9.1	20.0
5 1	14 37.09	+16 20.5	2.334	3.237	9.3	20.0
5 11	14 27.94	+16 0.3	2.339	3.215	10.5	20.0
5 21	14 19.48	+15 16.6	2.369	3.193	12.3	20.1
5 31	14 12.37	+14 11.1	2.420	3.171	14.1	20.2
6 10	14 7.09	+12 47.2	2.490	3.148	15.9	20.3

69816 1998 RS_{57} 5 1.7 345°.84 3°.0/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.84	−22 21.6	1.658	2.522	14.1	18.0
4 11	14 54.96	−22 49.2	1.585	2.518	10.5	17.8
4 21	14 46.76	−23 4.4	1.534	2.514	6.5	17.5
5 1	14 37.14	−23 6.9	1.509	2.511	3.2	17.3
5 11	14 27.32	−22 58.5	1.510	2.508	4.7	17.4
5 21	14 18.51	−22 43.3	1.537	2.505	8.6	17.6
5 31	14 11.73	−22 26.6	1.588	2.503	12.6	17.8
6 10	14 7.61	−22 13.5	1.659	2.502	16.0	18.1

185329 2006 VK_{26} 5 1.7 142.°86 0.°2/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 57.11	−17 38.4	2.685	3.546	9.4	21.8
4 11	14 51.46	−17 16.7	2.617	3.554	6.7	21.6
4 21	14 44.55	−16 48.3	2.575	3.562	3.6	21.5
5 1	14 36.98	−16 15.2	2.562	3.569	0.4	21.2
5 11	14 29.43	−15 40.4	2.579	3.576	2.9	21.4
5 21	14 22.54	−15 7.1	2.624	3.583	6.0	21.6
5 31	14 16.87	−14 38.4	2.696	3.590	8.8	21.8
6 10	14 12.79	−14 16.9	2.791	3.596	11.2	22.0

131509 2001 TK_{11} 5 1.7 147.°23 0.°7/ 2.3 18

4 1	15 1.16	−19 1.7	2.227	3.085	11.2	21.0
4 11	14 54.49	−18 42.1	2.161	3.096	8.0	20.8
4 21	14 46.22	−18 13.3	2.121	3.106	4.4	20.6
5 1	14 37.10	−17 37.6	2.109	3.116	0.9	20.3
5 11	14 28.03	−16 58.3	2.126	3.125	3.4	20.5
5 21	14 19.83	−16 19.8	2.172	3.133	7.0	20.8
5 31	14 13.20	−15 46.1	2.244	3.140	10.2	21.0
6 10	14 8.57	−15 20.4	2.338	3.147	13.0	21.2

241287 2007 UG_{29} 5 1.7 239.°71 0.°5/ 1.4 17

4 1	14 57.73	−15 43.8	2.158	3.030	10.9	21.3
4 11	14 52.23	−15 13.5	2.080	3.024	7.7	21.0
4 21	14 45.09	−14 35.8	2.028	3.017	4.1	20.8
5 1	14 37.03	−13 53.6	2.003	3.010	0.5	20.5
5 11	14 28.89	−13 11.0	2.006	3.003	3.8	20.8
5 21	14 21.50	−12 32.3	2.037	2.996	7.6	21.0
5 31	14 15.56	−12 1.3	2.094	2.988	11.0	21.2
6 10	14 11.57	−11 40.8	2.172	2.980	13.9	21.3

7621 Sweelinck 5 1.7 243.°34 0.°0/ 1.7 18

4 1	14 56.71	−16 54.2	2.654	3.518	9.4	20.0
4 11	14 51.31	−16 30.4	2.566	3.505	6.7	19.8
4 21	14 44.55	−15 59.7	2.504	3.492	3.6	19.6
5 1	14 36.99	−15 24.3	2.471	3.479	0.3	19.2
5 11	14 29.33	−14 47.2	2.468	3.465	3.1	19.5
5 21	14 22.25	−14 11.7	2.493	3.451	6.4	19.7
5 31	14 16.35	−13 41.3	2.545	3.437	9.3	19.8
6 10	14 12.07	−13 18.7	2.619	3.423	11.9	20.0

64549 2001 WO_{1} 5 1.7 210.°33 3.°9/28.9 17

4 1	15 1.48	− 7 57.2	1.670	2.555	12.9	20.4
4 11	14 55.16	− 6 56.1	1.602	2.550	9.2	20.2
4 21	14 46.75	− 5 52.2	1.558	2.545	5.5	19.9
5 1	14 37.15	− 4 51.7	1.540	2.538	4.0	19.8
5 11	14 27.48	− 4 1.1	1.550	2.531	7.0	20.0
5 21	14 18.81	− 3 25.7	1.586	2.524	10.9	20.2
5 31	14 12.05	− 3 8.6	1.644	2.515	14.6	20.4
6 10	14 7.73	− 3 10.5	1.721	2.507	17.8	20.6

161553 2004 XV_{102} 5 1.7 227.°16 2.°2/ 3.0 18

4 1	15 4.39	−21 18.5	1.682	2.542	14.1	20.6
4 11	14 57.49	−21 26.9	1.601	2.534	10.4	20.3
4 21	14 48.14	−21 22.5	1.543	2.525	6.2	20.0
5 1	14 37.25	−21 5.8	1.511	2.515	2.4	19.8
5 11	14 26.11	−20 39.6	1.507	2.505	4.5	19.9
5 21	14 15.98	−20 8.6	1.529	2.495	8.9	20.1
5 31	14 7.94	−19 38.9	1.576	2.484	13.1	20.3
6 10	14 2.66	−19 15.9	1.643	2.472	16.7	20.5

236194 2005 WD_{57} 5 1.7 156.°79 0.°3/ 1.9 18

4 1	15 2.98	−18 25.2	1.528	2.402	14.5	20.8
4 11	14 56.35	−17 51.5	1.465	2.408	10.4	20.6
4 21	14 47.42	−17 5.1	1.424	2.413	5.6	20.3
5 1	14 37.20	−16 9.5	1.410	2.417	0.6	20.0
5 11	14 27.01	−15 10.9	1.422	2.421	4.6	20.3
5 21	14 18.06	−14 16.0	1.461	2.424	9.4	20.6
5 31	14 11.31	−13 31.1	1.523	2.427	13.7	20.8
6 10	14 7.30	−13 0.5	1.604	2.429	17.2	21.1

300219 2006 WN_{187} 5 1.7 234.°67 3.°7/28.3 18

4 1	14 56.72	− 4 14.5	2.499	3.377	9.4	20.7
4 11	14 51.30	− 3 32.2	2.426	3.368	6.8	20.5
4 21	14 44.53	− 2 51.2	2.379	3.359	4.5	20.3
5 1	14 37.00	− 2 15.4	2.360	3.350	3.8	20.2
5 11	14 29.42	− 1 48.4	2.370	3.340	5.7	20.3
5 21	14 22.45	− 1 33.0	2.407	3.330	8.4	20.5
5 31	14 16.70	− 1 30.7	2.468	3.320	11.0	20.7
6 10	14 12.57	− 1 41.7	2.551	3.310	13.3	20.8

15372 Agrigento 5 1.8 211.°66 1.°4/30.3 18

4 1	14 55.08	−11 25.6	2.929	3.802	8.4	19.0
4 11	14 50.00	−10 58.8	2.854	3.798	5.8	18.8
4 21	14 43.79	−10 29.3	2.805	3.794	3.1	18.6
5 1	14 36.95	− 9 59.5	2.786	3.790	1.4	18.5
5 11	14 30.09	− 9 32.3	2.796	3.786	3.5	18.7
5 21	14 23.75	− 9 10.1	2.835	3.782	6.2	18.8
5 31	14 18.45	− 8 55.1	2.899	3.778	8.8	19.0
6 10	14 14.55	− 8 48.7	2.987	3.773	11.0	19.1

430217 2013 VS_{2} 5 1.8 165.°41 1.°8/ 3.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 0.11	−22 43.9	2.329	3.177	11.2	22.1
4 11	14 53.79	−22 26.2	2.255	3.182	8.2	22.0
4 21	14 45.88	−21 56.8	2.207	3.186	4.9	21.7
5 1	14 37.11	−21 17.5	2.187	3.190	2.0	21.6
5 11	14 28.34	−20 31.5	2.196	3.194	3.4	21.7
5 21	14 20.38	−19 43.2	2.233	3.196	6.7	21.9
5 31	14 13.92	−18 57.4	2.297	3.199	9.8	22.1
6 10	14 9.41	−18 18.1	2.383	3.200	12.5	22.3

501734 2014 UO_{90} 5 1.8 10.°36 3.°4/30.0 17

4 1	15 1.29	− 8 27.4	1.349	2.243	14.7	20.6
4 11	14 55.35	− 8 7.6	1.291	2.244	10.4	20.4
4 21	14 46.96	− 7 46.8	1.255	2.245	5.9	20.1
5 1	14 37.19	− 7 29.9	1.243	2.246	3.4	20.0
5 11	14 27.39	− 7 21.9	1.257	2.248	6.7	20.2
5 21	14 18.84	− 7 26.3	1.295	2.250	11.3	20.4
5 31	14 12.56	− 7 45.3	1.355	2.253	15.5	20.7
6 10	14 9.12	− 8 19.0	1.433	2.256	19.1	20.9

251024 2006 QE_{51} 5 1.8 309.°34 2.°9/ 3.2 17

4 1	15 2.53	−21 18.8	1.384	2.257	15.8	19.9
4 11	14 56.59	−21 44.3	1.308	2.247	11.7	19.7
4 21	14 47.84	−21 56.4	1.253	2.236	7.1	19.4
5 1	14 37.27	−21 54.7	1.223	2.226	3.1	19.1
5 11	14 26.34	−21 41.5	1.218	2.217	5.2	19.2
5 21	14 16.56	−21 21.7	1.237	2.208	10.0	19.4
5 31	14 9.18	−21 1.8	1.279	2.199	14.6	19.7
6 10	14 4.98	−20 47.9	1.340	2.190	18.6	19.9

132282 2002 FQ_{12} 5 1.8 329.°11 1.°7/30.6 18

4 1	14 58.35	−12 47.0	1.758	2.642	12.4	19.9
4 11	14 52.89	−12 10.5	1.691	2.641	8.7	19.6
4 21	14 45.53	−11 28.2	1.649	2.639	4.6	19.4
5 1	14 37.09	−10 44.0	1.632	2.638	1.7	19.2
5 11	14 28.63	−10 3.3	1.643	2.637	5.0	19.4
5 21	14 21.10	− 9 30.8	1.680	2.636	9.1	19.6
5 31	14 15.33	− 9 10.2	1.741	2.634	12.8	19.9
6 10	14 11.83	− 9 3.6	1.821	2.633	16.0	20.1

504758 2009 WK_{80} 5 1.8 230.°56 3.°0/ 4.3 18

4 1	15 0.75	−26 13.1	2.192	3.030	12.1	22.2
4 11	14 54.51	−26 0.9	2.101	3.018	9.2	22.0
4 21	14 46.40	−25 33.6	2.034	3.005	6.0	21.8
5 1	14 37.16	−24 51.8	1.995	2.992	3.3	21.6
5 11	14 27.77	−23 58.5	1.983	2.979	4.1	21.6
5 21	14 19.16	−22 58.6	2.000	2.964	7.3	21.8
5 31	14 12.17	−21 58.2	2.043	2.950	10.6	22.0
6 10	14 7.34	−21 2.9	2.109	2.934	13.6	22.1

382142 2011 KE_{37} 5 1.8 10.°22 3.°1/29.7 17

4 1	14 58.91	− 8 12.9	1.779	2.666	12.2	20.3
4 11	14 53.22	− 7 42.1	1.717	2.666	8.6	20.1
4 21	14 45.68	− 7 10.2	1.678	2.667	4.9	19.9
5 1	14 37.11	− 6 41.7	1.666	2.667	3.2	19.8
5 11	14 28.52	− 6 20.9	1.682	2.668	5.9	19.9
5 21	14 20.88	− 6 11.3	1.723	2.669	9.6	20.1
5 31	14 14.96	− 6 15.0	1.787	2.670	13.1	20.4
6 10	14 11.27	− 6 32.6	1.871	2.671	16.1	20.6

265378 2004 RY_{247} 5 1.8 183.°83 13.°2/10.7 18

4 1	15 11.52	−45 52.0	1.446	2.202	21.1	20.9
4 11	15 3.71	−46 53.6	1.374	2.203	18.6	20.8
4 21	14 51.91	−47 19.9	1.319	2.203	16.1	20.6
5 1	14 37.57	−47 2.4	1.283	2.203	14.0	20.5
5 11	14 22.93	−45 59.6	1.268	2.202	13.2	20.4
5 21	14 10.23	−44 18.1	1.275	2.200	14.1	20.4
5 31	14 1.13	−42 11.7	1.304	2.198	16.3	20.6
6 10	13 56.40	−39 56.9	1.353	2.194	19.0	20.7

231245 2005 YL_{116} 5 1.8 206.°37 5.°0/27.9 18

4 1	14 59.58	− 2 3.8	2.041	2.921	11.1	20.8
4 11	14 53.51	− 1 17.6	1.976	2.917	8.2	20.6
4 21	14 45.77	− 0 34.9	1.937	2.914	5.7	20.4
5 1	14 37.12	− 0 0.9	1.925	2.910	5.2	20.4
5 11	14 28.45	+ 0 20.2	1.940	2.905	7.2	20.5
5 21	14 20.59	+ 0 25.8	1.982	2.901	10.2	20.7
5 31	14 14.27	+ 0 14.7	2.047	2.895	13.1	20.8
6 10	14 9.95	− 0 12.4	2.131	2.890	15.6	21.0

430762 2004 RP_{136} 5 1.8 270.°71 3.°1/ 4.1 18

4 1	15 0.42	−25 48.1	1.997	2.841	12.9	21.4
4 11	14 54.54	−25 33.4	1.895	2.816	9.8	21.2
4 21	14 46.55	−25 2.2	1.817	2.791	6.3	20.9
5 1	14 37.21	−24 14.9	1.766	2.765	3.3	20.7
5 11	14 27.55	−23 14.7	1.743	2.739	4.3	20.7
5 21	14 18.64	−22 7.0	1.747	2.713	8.0	20.8
5 31	14 11.45	−20 58.7	1.776	2.686	11.8	21.0
6 10	14 6.62	−19 56.8	1.827	2.658	15.2	21.2

183272 2002 TS_{251} 5 1.8 126°.87 0°.9/ 2.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 2.73	−18 43.2	1.768	2.635	13.2	20.6
4 11	14 55.96	−18 36.5	1.706	2.645	9.5	20.4
4 21	14 47.15	−18 19.5	1.668	2.654	5.3	20.2
5 1	14 37.24	−17 54.2	1.657	2.663	1.1	19.9
5 11	14 27.35	−17 24.4	1.673	2.672	4.0	20.1
5 21	14 18.56	−16 54.7	1.717	2.681	8.2	20.4
5 31	14 11.72	−16 29.9	1.785	2.689	12.0	20.6
6 10	14 7.33	−16 13.8	1.874	2.696	15.2	20.9

430358 2014 AD 5 1.8 286°.44 5°.6/28.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.70	− 1 7.0	1.774	2.657	12.4	20.6
4 11	14 54.57	− 0 36.5	1.704	2.646	9.2	20.4
4 21	14 46.47	− 0 11.5	1.659	2.636	6.5	20.2
5 1	14 37.20	+ 0 2.8	1.639	2.625	5.8	20.1
5 11	14 27.81	+ 0 2.2	1.646	2.614	7.9	20.2
5 21	14 19.32	− 0 15.4	1.678	2.604	11.3	20.4
5 31	14 12.57	− 0 50.6	1.733	2.593	14.6	20.6
6 10	14 8.14	− 1 41.8	1.807	2.583	17.4	20.8

90829 1995 UY_5 5 1.8 179°.84 3°.7/ 4.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.39	−27 43.0	2.397	3.221	11.7	19.7
4 11	14 55.52	−27 57.6	2.317	3.223	9.0	19.6
4 21	14 46.89	−27 58.7	2.261	3.224	6.1	19.4
5 1	14 37.23	−27 45.8	2.234	3.224	3.9	19.2
5 11	14 27.48	−27 20.7	2.235	3.224	4.3	19.3
5 21	14 18.52	−26 46.9	2.264	3.223	6.9	19.4
5 31	14 11.12	−26 9.2	2.320	3.222	9.7	19.6
6 10	14 5.80	−25 32.8	2.398	3.220	12.3	19.8

8457 Billgolisch 5 1.8 125°.72 1°.8/ 3.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.79	−22 23.5	2.040	2.893	12.3	18.3
4 11	14 54.39	−22 4.1	1.976	2.906	8.9	18.1
4 21	14 46.24	−21 32.1	1.937	2.918	5.3	17.9
5 1	14 37.19	−20 49.6	1.926	2.930	2.0	17.7
5 11	14 28.20	−20 0.5	1.943	2.941	3.6	17.8
5 21	14 20.19	−19 10.0	1.987	2.952	7.2	18.1
5 31	14 13.90	−18 23.1	2.058	2.963	10.6	18.3
6 10	14 9.76	−17 44.4	2.150	2.973	13.5	18.5

399056 2013 WN_{69} 5 1.8 176°.86 0°.3/ 2.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.28	−17 29.9	2.009	2.877	11.8	21.4
4 11	14 54.12	−17 15.6	1.938	2.878	8.4	21.2
4 21	14 46.16	−16 52.8	1.891	2.879	4.6	21.0
5 1	14 37.19	−16 23.6	1.872	2.879	0.6	20.7
5 11	14 28.17	−15 51.7	1.881	2.879	3.7	20.9
5 21	14 20.03	−15 21.3	1.917	2.879	7.7	21.2
5 31	14 13.54	−14 56.4	1.979	2.879	11.2	21.4
6 10	14 9.20	−14 40.3	2.062	2.879	14.2	21.6

351893 2006 SZ_{223} 5 1.8 86°.74 1°.0/30.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.93	−14 58.5	2.219	3.094	10.5	21.0
4 11	14 50.84	−14 6.1	2.155	3.101	7.3	20.8
4 21	14 44.32	−13 6.9	2.117	3.107	3.8	20.5
5 1	14 37.05	−12 4.8	2.108	3.114	1.0	20.3
5 11	14 29.84	−11 4.6	2.126	3.121	4.0	20.6
5 21	14 23.41	−10 11.1	2.173	3.127	7.4	20.8
5 31	14 18.36	− 9 27.9	2.245	3.134	10.5	21.0
6 10	14 15.10	− 8 57.5	2.338	3.140	13.2	21.2

508620 2017 SG_{39} 5 1.8 237°.68 4°.2/ 5.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.47	−29 14.2	2.012	2.843	13.3	21.3
4 11	14 54.48	−29 5.2	1.925	2.834	10.4	21.0
4 21	14 46.46	−28 37.9	1.861	2.824	7.2	20.8
5 1	14 37.22	−27 52.1	1.823	2.814	4.6	20.6
5 11	14 27.83	−26 51.2	1.812	2.804	4.9	20.6
5 21	14 19.35	−25 40.7	1.829	2.793	7.8	20.8
5 31	14 12.66	−24 27.7	1.871	2.782	11.2	21.0
6 10	14 8.34	−23 19.2	1.935	2.771	14.3	21.2

512628 2016 TU_{43} 5 1.8 135°.33 0°.6/ 2.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 53.79	−19 14.6	3.976	4.826	6.9	23.6
4 11	14 48.86	−18 59.3	3.908	4.839	4.9	23.5
4 21	14 43.13	−18 38.8	3.867	4.851	2.7	23.4
5 1	14 36.98	−18 14.4	3.856	4.863	0.7	23.2
5 11	14 30.84	−17 48.0	3.876	4.874	2.0	23.3
5 21	14 25.15	−17 21.4	3.925	4.885	4.2	23.5
5 31	14 20.25	−16 56.9	4.002	4.896	6.2	23.6
6 10	14 16.42	−16 36.3	4.104	4.906	8.0	23.8

224342 2005 UW_{76} 5 1.8 194°.48 6°.6/27.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.86	+ 2 54.5	1.969	2.841	11.8	20.2
4 11	14 55.13	+ 3 33.6	1.909	2.840	9.2	20.0
4 21	14 46.66	+ 4 4.2	1.874	2.838	7.1	19.9
5 1	14 37.24	+ 4 21.1	1.866	2.836	6.8	19.8
5 11	14 27.82	+ 4 20.6	1.885	2.834	8.6	19.9
5 21	14 19.30	+ 4 1.2	1.929	2.831	11.3	20.1
5 31	14 12.44	+ 3 23.5	1.996	2.827	14.0	20.3
6 10	14 7.71	+ 2 29.5	2.082	2.824	16.4	20.4

134220 2005 WM_{46} 5 1.8 231°.69 5°.8/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 0.07	+ 1 34.4	2.344	3.214	10.3	20.5
4 11	14 53.77	+ 2 33.8	2.268	3.198	7.9	20.4
4 21	14 45.93	+ 3 28.2	2.218	3.182	6.1	20.2
5 1	14 37.19	+ 4 12.5	2.196	3.164	6.0	20.2
5 11	14 28.33	+ 4 42.2	2.202	3.146	7.8	20.3
5 21	14 20.13	+ 4 54.6	2.235	3.127	10.3	20.4
5 31	14 13.27	+ 4 48.8	2.291	3.108	12.9	20.5
6 10	14 8.23	+ 4 25.5	2.366	3.087	15.2	20.7

248425 2005 SZ_{255} 5 1.8 161°.57 4°.9/ 6.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.99	−33 0.9	2.730	3.527	11.2	20.9
4 11	14 54.46	−33 28.0	2.651	3.530	9.0	20.8
4 21	14 46.31	−33 40.5	2.596	3.534	6.8	20.6
5 1	14 37.21	−33 37.3	2.567	3.537	5.2	20.5
5 11	14 28.02	−33 19.5	2.567	3.540	5.2	20.5
5 21	14 19.53	−32 49.9	2.594	3.542	6.7	20.6
5 31	14 12.47	−32 12.9	2.648	3.545	8.9	20.8
6 10	14 7.33	−31 33.5	2.726	3.546	11.0	20.9

502665 2015 CM_{51} 5 1.8 35°.10 3°.6/ 4.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.39	−26 9.2	1.787	2.637	13.9	21.0
4 11	14 53.76	−26 7.2	1.717	2.640	10.5	20.7
4 21	14 46.07	−25 48.5	1.670	2.643	6.9	20.5
5 1	14 37.19	−25 13.8	1.649	2.646	3.9	20.4
5 11	14 28.29	−24 26.8	1.654	2.650	4.6	20.4
5 21	14 20.41	−23 33.1	1.685	2.653	8.0	20.6
5 31	14 14.45	−22 39.4	1.742	2.657	11.6	20.8
6 10	14 10.93	−21 51.7	1.819	2.661	14.8	21.1

267065 1999 RS_7 5 1.8 345°.72 7°.1/ 4.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.03	−26 57.6	1.286	2.149	17.5	19.2
4 11	14 56.69	−28 25.3	1.212	2.136	13.8	19.0
4 21	14 48.14	−29 37.8	1.158	2.125	10.0	18.7
5 1	14 37.37	−30 29.5	1.127	2.115	7.3	18.5
5 11	14 26.00	−30 58.3	1.119	2.106	8.0	18.5
5 21	14 15.77	−31 6.6	1.134	2.099	11.4	18.7
5 31	14 8.22	−31 1.1	1.171	2.093	15.4	18.9
6 10	14 4.29	−30 50.4	1.225	2.089	19.2	19.1

384 Burdigala 5 1.8 126°.35 0°.3/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.27	−15 21.5	2.014	2.884	11.7	14.2
4 11	14 54.71	−15 6.5	1.953	2.895	8.2	14.0
4 21	14 46.42	−14 44.9	1.917	2.906	4.3	13.8
5 1	14 37.22	−14 19.2	1.909	2.917	0.4	13.5
5 11	14 28.08	−13 53.1	1.930	2.927	3.9	13.8
5 21	14 19.88	−13 30.3	1.978	2.937	7.7	14.0
5 31	14 13.35	−13 14.3	2.052	2.947	11.1	14.2
6 10	14 8.95	−13 7.5	2.147	2.956	14.0	14.5

466647 2014 WL_{54} 5 1.8 310°.27 4°.8/29.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.74	− 5 39.6	1.373	2.268	14.5	20.8
4 11	14 55.08	− 5 6.4	1.305	2.257	10.5	20.5
4 21	14 46.94	− 4 34.4	1.259	2.246	6.5	20.3
5 1	14 37.28	− 4 9.8	1.238	2.235	4.9	20.1
5 11	14 27.43	− 3 58.3	1.241	2.225	7.9	20.3
5 21	14 18.68	− 4 3.8	1.269	2.215	12.3	20.5
5 31	14 12.13	− 4 27.9	1.317	2.205	16.5	20.7
6 10	14 8.41	− 5 10.1	1.383	2.196	20.1	20.9

123587 2000 XK_{42} 5 1.8 228°.56 4°.2/ 4.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.52	−27 34.0	2.193	3.021	12.5	20.0
4 11	14 56.60	−28 2.1	2.104	3.012	9.7	19.8
4 21	14 47.61	−28 16.5	2.039	3.002	6.7	19.6
5 1	14 37.33	−28 15.9	2.001	2.991	4.4	19.5
5 11	14 26.79	−28 1.3	1.992	2.980	4.9	19.5
5 21	14 17.02	−27 35.9	2.010	2.969	7.6	19.6
5 31	14 8.93	−27 4.9	2.054	2.957	10.7	19.8
6 10	14 3.16	−26 33.9	2.121	2.945	13.6	20.0

457495 2008 UD_{367} 5 1.8 226°.17 3°.0/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.81	− 9 25.3	1.697	2.577	13.0	22.1
4 11	14 56.94	− 8 47.4	1.619	2.566	9.2	21.8
4 21	14 47.83	− 8 6.0	1.565	2.554	5.2	21.5
5 1	14 37.36	− 7 25.6	1.539	2.541	3.0	21.4
5 11	14 26.69	− 6 51.8	1.540	2.527	6.2	21.5
5 21	14 16.98	− 6 29.3	1.567	2.513	10.5	21.7
5 31	14 9.19	− 6 21.3	1.618	2.498	14.4	21.9
6 10	14 3.96	− 6 29.3	1.689	2.481	17.8	22.1

178005 2006 QD_{128} 5 1.8 160°.61 3°.3/ 4.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.23	−27 40.6	2.269	3.103	11.9	20.5
4 11	14 52.61	−27 24.4	2.192	3.105	9.1	20.3
4 21	14 45.34	−26 53.0	2.139	3.107	6.1	20.1
5 1	14 37.17	−26 7.2	2.113	3.108	3.6	19.9
5 11	14 28.98	−25 10.5	2.116	3.110	4.0	20.0
5 21	14 21.62	−24 7.8	2.146	3.111	6.8	20.1
5 31	14 15.80	−23 4.7	2.202	3.112	9.8	20.3
6 10	14 11.98	−22 6.7	2.281	3.113	12.5	20.5

497397 2005 VP_{117} 5 1.8 191°.64 0°.5/ 2.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 0.06	−19 0.6	2.242	3.102	11.1	23.1
4 11	14 53.84	−18 30.6	2.164	3.100	7.9	22.9
4 21	14 45.99	−17 50.8	2.112	3.098	4.4	22.7
5 1	14 37.22	−17 3.6	2.088	3.095	0.7	22.4
5 11	14 28.41	−16 13.1	2.093	3.092	3.4	22.6
5 21	14 20.39	−15 23.7	2.127	3.088	7.1	22.8
5 31	14 13.87	−14 40.0	2.187	3.083	10.5	23.0
6 10	14 9.32	−14 5.7	2.269	3.078	13.3	23.2

264540 2001 SJ_{34} 5 1.8 123°.08 2°.3/ 3.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.46	−21 58.9	1.904	2.758	13.0	21.0
4 11	14 56.44	−22 9.7	1.841	2.770	9.5	20.8
4 21	14 47.43	−22 8.5	1.801	2.781	5.7	20.6
5 1	14 37.32	−21 56.1	1.788	2.791	2.5	20.4
5 11	14 27.22	−21 35.2	1.804	2.802	4.0	20.5
5 21	14 18.16	−21 9.8	1.847	2.811	7.7	20.7
5 31	14 10.98	−20 45.0	1.915	2.821	11.2	21.0
6 10	14 6.21	−20 25.3	2.005	2.830	14.3	21.2

477476 2010 AK_{18} 5 1.8 124°.15 1°.2/ 3.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 54.06	−22 30.6	3.863	4.703	7.3	22.3
4 11	14 49.09	−22 16.3	3.796	4.718	5.3	22.2
4 21	14 43.27	−21 55.3	3.755	4.732	3.2	22.1
5 1	14 37.02	−21 28.6	3.744	4.746	1.4	21.9
5 11	14 30.79	−20 58.3	3.763	4.760	2.2	22.0
5 21	14 25.03	−20 26.4	3.812	4.774	4.2	22.2
5 31	14 20.11	−19 55.4	3.888	4.787	6.2	22.3
6 10	14 16.33	−19 27.6	3.990	4.800	8.0	22.5

69104 2003 BG_{84} 5 1.8 86°.69 3°.5/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.83	− 8 51.3	1.320	2.211	15.2	19.2
4 11	14 57.01	− 8 18.7	1.273	2.225	10.7	18.9
4 21	14 47.80	− 7 44.4	1.250	2.239	6.0	18.7
5 1	14 37.34	− 7 14.1	1.251	2.253	3.5	18.6
5 11	14 27.08	− 6 53.4	1.278	2.267	6.9	18.8
5 21	14 18.27	− 6 46.3	1.329	2.281	11.4	19.1
5 31	14 11.85	− 6 55.0	1.402	2.294	15.4	19.4
6 10	14 8.31	− 7 19.4	1.493	2.307	18.8	19.6

231120 2005 SF_{209} 5 1.8 199°.47 0°.0/ 1.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.96	−19 0.5	1.986	2.853	12.0	21.3
4 11	14 53.20	−17 55.9	1.910	2.851	8.5	21.1
4 21	14 45.68	−16 38.6	1.859	2.848	4.6	20.8
5 1	14 37.19	−15 13.0	1.837	2.844	0.3	20.5
5 11	14 28.71	−13 45.4	1.843	2.840	4.0	20.8
5 21	14 21.12	−12 22.5	1.877	2.836	8.0	21.0
5 31	14 15.17	−11 10.3	1.937	2.832	11.7	21.2
6 10	14 11.34	−10 13.2	2.018	2.826	14.8	21.4

271808 2004 TJ_{97} 5 1.8 236°.51 1°.8/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.68	−13 16.6	1.911	2.792	11.7	20.9
4 11	14 52.34	−12 16.0	1.838	2.787	8.2	20.6
4 21	14 45.25	−11 8.0	1.791	2.782	4.4	20.4
5 1	14 37.17	− 9 57.5	1.771	2.776	1.9	20.2
5 11	14 29.05	− 8 50.6	1.779	2.770	5.0	20.4
5 21	14 21.78	− 7 53.0	1.814	2.764	8.9	20.6
5 31	14 16.13	− 7 9.1	1.873	2.758	12.5	20.8
6 10	14 12.56	− 6 41.4	1.952	2.752	15.5	21.0

343514 2010 EH_{113} 5 1.8 115°.97 1°.0/30.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.65	−13 37.5	2.093	2.968	11.1	21.1
4 11	14 52.85	−13 12.0	2.029	2.975	7.8	20.9
4 21	14 45.45	−12 41.3	1.991	2.981	4.1	20.6
5 1	14 37.19	−12 8.4	1.981	2.987	1.0	20.4
5 11	14 28.95	−11 37.3	1.999	2.994	4.1	20.7
5 21	14 21.56	−11 11.6	2.044	3.000	7.7	20.9
5 31	14 15.69	−10 54.4	2.114	3.005	11.0	21.1
6 10	14 11.78	−10 47.7	2.206	3.011	13.8	21.3

287810 2003 SJ_{176} 5 1.8 170°.29 1°.4/ 2.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.09	−20 46.1	2.232	3.088	11.3	21.3
4 11	14 53.89	−20 38.3	2.159	3.090	8.2	21.1
4 21	14 46.03	−20 20.4	2.110	3.093	4.7	20.9
5 1	14 37.23	−19 54.0	2.089	3.094	1.6	20.7
5 11	14 28.40	−19 21.9	2.097	3.096	3.4	20.8
5 21	14 20.37	−18 48.0	2.133	3.097	6.9	21.0
5 31	14 13.87	−18 16.7	2.195	3.098	10.2	21.2
6 10	14 9.36	−17 51.7	2.280	3.098	13.0	21.4

201507 2003 NC_{8} 5 1.8 252°.43 7°.0/ 7.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.48	−37 56.3	2.394	3.168	13.2	20.5
4 11	14 56.70	−38 22.0	2.290	3.147	11.1	20.3
4 21	14 47.74	−38 28.0	2.209	3.126	9.0	20.1
5 1	14 37.37	−38 11.8	2.152	3.104	7.3	20.0
5 11	14 26.66	−37 33.4	2.122	3.081	7.1	19.9
5 21	14 16.71	−36 36.3	2.118	3.058	8.5	19.9
5 31	14 8.50	−35 26.6	2.141	3.034	10.8	20.0
6 10	14 2.69	−34 11.8	2.186	3.010	13.3	20.2

309314 2007 RB_{294} 5 1.8 68°.91 1°.6/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 59.66	−15 7.1	1.370	2.260	14.9	20.0
4 11	14 54.14	−14 6.0	1.314	2.266	10.4	19.7
4 21	14 46.32	−12 54.2	1.281	2.273	5.4	19.5
5 1	14 37.26	−11 38.0	1.274	2.280	1.6	19.2
5 11	14 28.29	−10 25.7	1.292	2.287	5.7	19.5
5 21	14 20.62	− 9 24.8	1.334	2.294	10.5	19.8
5 31	14 15.16	− 8 41.1	1.399	2.301	14.8	20.1
6 10	14 12.42	− 8 17.0	1.483	2.309	18.4	20.3

333427 2003 QD_{22} 5 1.8 215°.77 6°.2/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.94	+ 0 54.7	2.210	3.088	10.5	20.3
4 11	14 51.59	+ 2 24.5	2.148	3.082	8.1	20.2
4 21	14 44.77	+ 3 50.0	2.112	3.076	6.4	20.1
5 1	14 37.15	+ 5 4.6	2.104	3.070	6.5	20.0
5 11	14 29.50	+ 6 2.8	2.123	3.063	8.4	20.1
5 21	14 22.58	+ 6 41.2	2.168	3.055	10.9	20.3
5 31	14 17.01	+ 6 58.3	2.235	3.047	13.4	20.4
6 10	14 13.23	+ 6 55.2	2.321	3.039	15.5	20.6

125942 2001 XG_{241} 5 1.8 119°.76 3°.9/ 5.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.90	−30 2.4	2.206	3.026	12.7	20.0
4 11	14 55.10	−29 42.5	2.143	3.045	9.8	19.8
4 21	14 46.62	−29 5.1	2.104	3.064	6.7	19.7
5 1	14 37.28	−28 11.2	2.092	3.081	4.3	19.5
5 11	14 28.10	−27 4.8	2.108	3.098	4.4	19.6
5 21	14 19.95	−25 51.5	2.153	3.115	6.9	19.7
5 31	14 13.54	−24 37.7	2.224	3.131	9.9	20.0
6 10	14 9.29	−23 29.5	2.318	3.146	12.5	20.2

425218 2009 VQ_{63} 5 1.8 182°.53 3°.4/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.63	− 5 17.3	2.269	3.142	10.4	21.1
4 11	14 54.84	− 4 54.0	2.202	3.143	7.5	20.9
4 21	14 46.49	− 4 32.2	2.160	3.143	4.6	20.8
5 1	14 37.28	− 4 15.2	2.148	3.143	3.5	20.7
5 11	14 28.06	− 4 6.3	2.164	3.142	5.5	20.8
5 21	14 19.61	− 4 7.7	2.208	3.141	8.6	21.0
5 31	14 12.62	− 4 20.5	2.278	3.138	11.5	21.2
6 10	14 7.53	− 4 45.0	2.368	3.136	14.0	21.4

457539 2008 WG_{134} 5 1.8 150°.29 3°.2/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 4.09	− 8 39.5	1.608	2.490	13.5	21.3
4 11	14 57.00	− 8 7.7	1.550	2.498	9.5	21.1
4 21	14 47.77	− 7 34.2	1.516	2.505	5.4	20.8
5 1	14 37.38	− 7 3.8	1.509	2.511	3.2	20.7
5 11	14 27.04	− 6 41.3	1.529	2.517	6.2	20.9
5 21	14 17.88	− 6 30.7	1.576	2.522	10.3	21.2
5 31	14 10.78	− 6 34.1	1.645	2.526	14.1	21.4
6 10	14 6.26	− 6 52.1	1.734	2.530	17.3	21.6

505295 2012 WG_{18} 5 1.8 128°.12 1°.5/30.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.41	−10 0.3	2.615	3.484	9.4	22.3
4 11	14 53.78	− 9 54.9	2.555	3.497	6.6	22.2
4 21	14 45.85	− 9 48.2	2.521	3.509	3.5	22.0
5 1	14 37.23	− 9 42.1	2.517	3.522	1.6	21.8
5 11	14 28.67	− 9 39.0	2.543	3.533	3.8	22.0
5 21	14 20.82	− 9 40.6	2.598	3.545	6.8	22.2
5 31	14 14.25	− 9 48.6	2.679	3.556	9.5	22.4
6 10	14 9.35	−10 4.0	2.783	3.567	11.8	22.6

74740 1999 RN_{184} 5 1.8 302°.98 2°.4/ 2.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.73	−19 59.9	1.356	2.233	15.8	18.6
4 11	14 57.12	−20 23.1	1.260	2.202	11.8	18.2
4 21	14 48.42	−20 34.8	1.185	2.171	7.0	17.9
5 1	14 37.46	−20 34.0	1.135	2.140	2.6	17.5
5 11	14 25.68	−20 22.7	1.109	2.109	5.4	17.6
5 21	14 14.72	−20 5.3	1.107	2.078	10.9	17.8
5 31	14 6.11	−19 48.4	1.128	2.047	16.1	18.0
6 10	14 0.88	−19 38.8	1.166	2.017	20.8	18.2

171812 2001 DW_{95} 5 1.8 78°.73 2°.3/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.32	−11 37.2	1.438	2.326	14.4	20.5
4 11	14 55.79	−11 0.2	1.394	2.345	10.0	20.3
4 21	14 47.10	−10 18.6	1.372	2.363	5.4	20.1
5 1	14 37.33	− 9 37.5	1.376	2.381	2.3	19.9
5 11	14 27.79	− 9 2.8	1.407	2.400	5.8	20.2
5 21	14 19.60	− 8 39.0	1.463	2.418	10.2	20.5
5 31	14 13.61	− 8 29.5	1.541	2.435	14.1	20.8
6 10	14 10.26	− 8 35.1	1.638	2.453	17.4	21.0

467968 2012 KS_{10} 5 1.8 301°.46 1°.7/30.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.67	−14 25.0	1.543	2.432	13.6	21.2
4 11	14 52.91	−13 30.8	1.454	2.406	9.6	20.9
4 21	14 45.83	−12 25.1	1.388	2.379	5.1	20.5
5 1	14 37.26	−11 13.0	1.347	2.353	1.7	20.2
5 11	14 28.35	−10 1.7	1.333	2.328	5.7	20.4
5 21	14 20.29	− 8 58.7	1.343	2.302	10.6	20.6
5 31	14 14.15	− 8 10.8	1.376	2.276	15.2	20.8
6 10	14 10.63	− 7 41.9	1.428	2.251	19.1	21.0

4247 Grahamsmith 5 1.8 161°.41 0°.7/ 1.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 56.45	−14 0.3	2.995	3.861	8.4	19.3
4 11	14 50.95	−13 32.1	2.926	3.867	5.9	19.1
4 21	14 44.33	−12 59.6	2.883	3.872	3.1	18.9
5 1	14 37.14	−12 25.3	2.870	3.877	0.7	18.8
5 11	14 29.95	−11 52.0	2.888	3.882	3.1	19.0
5 21	14 23.34	−11 22.3	2.934	3.886	5.8	19.1
5 31	14 17.79	−10 58.7	3.007	3.889	8.4	19.3
6 10	14 13.64	−10 43.1	3.103	3.892	10.5	19.5

202971 1999 TW_{95} 5 1.8 252°.70 2°.2/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.94	−10 44.8	2.160	3.037	10.7	21.0
4 11	14 53.18	−10 3.4	2.074	3.020	7.6	20.7
4 21	14 45.73	− 9 17.6	2.013	3.002	4.2	20.5
5 1	14 37.25	− 8 31.3	1.980	2.983	2.2	20.3
5 11	14 28.61	− 7 49.1	1.976	2.964	4.9	20.5
5 21	14 20.65	− 7 15.0	1.999	2.944	8.5	20.6
5 31	14 14.11	− 6 52.5	2.047	2.924	11.9	20.8
6 10	14 9.53	− 6 43.6	2.116	2.904	14.8	21.0

297889 2002 CS_{176} 5 1.8 117°.74 1°.9/ 3.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.19	−23 6.3	2.550	3.396	10.4	21.6
4 11	14 52.36	−22 56.3	2.483	3.407	7.6	21.5
4 21	14 45.15	−22 36.0	2.441	3.419	4.6	21.3
5 1	14 37.20	−22 6.6	2.428	3.430	2.1	21.1
5 11	14 29.29	−21 31.0	2.443	3.441	3.1	21.2
5 21	14 22.12	−20 52.7	2.487	3.452	6.0	21.4
5 31	14 16.29	−20 15.7	2.558	3.462	8.9	21.6
6 10	14 12.20	−19 43.5	2.652	3.472	11.3	21.8

306373 1125 $T\text{-}_3$ 5 1.8 186°.09 1°.9/ 3.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.24	−24 21.0	3.051	3.887	9.1	22.2
4 11	14 51.59	−24 7.4	2.968	3.886	6.8	22.0
4 21	14 44.72	−23 43.9	2.912	3.885	4.2	21.8
5 1	14 37.18	−23 11.7	2.884	3.884	2.1	21.7
5 11	14 29.61	−22 33.1	2.886	3.882	2.9	21.7
5 21	14 22.62	−21 51.1	2.917	3.880	5.3	21.9
5 31	14 16.74	−21 9.4	2.976	3.877	7.8	22.1
6 10	14 12.35	−20 31.3	3.059	3.874	10.1	22.2

78036 2002 JK_{95} 5 1.8 331°.68 0°.6/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.84	−13 56.5	1.354	2.242	15.2	18.8
4 11	14 56.68	−14 3.6	1.287	2.237	10.8	18.5
4 21	14 47.86	−14 4.5	1.242	2.233	5.8	18.2
5 1	14 37.43	−14 1.6	1.221	2.229	0.6	17.8
5 11	14 26.80	−13 58.3	1.227	2.225	5.2	18.1
5 21	14 17.38	−13 58.7	1.256	2.222	10.4	18.4
5 31	14 10.31	−14 6.8	1.308	2.219	15.0	18.6
6 10	14 6.28	−14 25.2	1.379	2.216	18.9	18.9

182867 2002 CF_{200} 5 1.8 157°.57 3°.1/ 4.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.73	−26 41.4	2.567	3.398	10.8	20.8
4 11	14 52.85	−26 45.5	2.490	3.402	8.2	20.6
4 21	14 45.47	−26 37.4	2.438	3.404	5.5	20.4
5 1	14 37.24	−26 17.4	2.413	3.407	3.3	20.3
5 11	14 28.97	−25 47.6	2.417	3.410	3.8	20.3
5 21	14 21.40	−25 11.6	2.450	3.412	6.2	20.5
5 31	14 15.21	−24 33.4	2.509	3.414	8.9	20.7
6 10	14 10.82	−23 57.5	2.591	3.416	11.4	20.8

413215 2003 JB_1 5 1.8 265°.71 0°.8/ 1.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.26	−15 51.6	1.543	2.424	14.0	21.7
4 11	14 55.45	−15 12.4	1.458	2.406	10.0	21.4
4 21	14 47.19	−14 21.6	1.396	2.387	5.3	21.1
5 1	14 37.38	−13 23.1	1.360	2.367	0.8	20.7
5 11	14 27.26	−12 23.3	1.351	2.348	5.2	20.9
5 21	14 18.09	−11 29.1	1.367	2.328	10.2	21.2
5 31	14 10.97	−10 46.9	1.406	2.307	14.8	21.4
6 10	14 6.61	−10 21.1	1.464	2.286	18.7	21.6

397670 2008 AC_{63} 5 1.8 62°.60 2°.9/ 4.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.88	−25 42.3	2.163	3.008	12.0	21.2
4 11	14 52.41	−25 32.8	2.093	3.014	9.0	21.0
4 21	14 45.27	−25 9.3	2.047	3.020	5.8	20.8
5 1	14 37.22	−24 33.0	2.028	3.026	3.2	20.7
5 11	14 29.18	−23 47.2	2.037	3.033	3.9	20.7
5 21	14 21.99	−22 56.4	2.072	3.039	6.9	20.9
5 31	14 16.37	−22 6.1	2.134	3.045	10.0	21.1
6 10	14 12.77	−21 21.1	2.218	3.052	12.8	21.3

93953 2000 WY_{181} 5 1.8 200°.12 4°.7/27.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.07	− 3 9.7	2.273	3.152	10.2	20.8
4 11	14 52.36	− 1 58.4	2.207	3.148	7.5	20.6
4 21	14 45.19	− 0 48.6	2.167	3.144	5.2	20.5
5 1	14 37.23	+ 0 14.3	2.156	3.139	4.9	20.5
5 11	14 29.25	+ 1 5.2	2.173	3.134	6.8	20.6
5 21	14 21.99	+ 1 40.6	2.217	3.128	9.6	20.7
5 31	14 16.09	+ 1 58.7	2.284	3.122	12.3	20.9
6 10	14 11.97	+ 1 59.4	2.372	3.115	14.6	21.1

109565 2001 QQ_{264} 5 1.8 111°.08 4°.1/ 5.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 0.87	−31 19.1	1.824	2.651	14.7	19.4
4 11	14 54.67	−30 22.7	1.755	2.662	11.3	19.2
4 21	14 46.49	−29 2.3	1.709	2.672	7.7	19.0
5 1	14 37.32	−27 20.7	1.690	2.683	4.6	18.9
5 11	14 28.34	−25 24.4	1.699	2.693	4.7	18.9
5 21	14 20.57	−23 22.7	1.736	2.703	7.9	19.1
5 31	14 14.82	−21 25.2	1.799	2.713	11.4	19.3
6 10	14 11.51	−19 40.0	1.885	2.722	14.5	19.6

21660 Velenia 5 1.8 147°.65 1°.3/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.20	−14 8.3	1.952	2.830	11.6	19.2
4 11	14 52.66	−13 23.5	1.886	2.833	8.1	19.0
4 21	14 45.41	−12 31.8	1.845	2.835	4.3	18.8
5 1	14 37.25	−11 37.3	1.831	2.838	1.3	18.6
5 11	14 29.09	−10 45.1	1.846	2.840	4.5	18.8
5 21	14 21.82	−10 0.1	1.887	2.842	8.3	19.0
5 31	14 16.15	− 9 26.3	1.953	2.844	11.8	19.2
6 10	14 12.55	− 9 6.0	2.040	2.846	14.7	19.4

389174 2009 BD_{121} 5 1.8 257°.06 5°.8/26.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.37	+ 0 8.4	2.127	3.009	10.7	21.4
4 11	14 51.25	+ 1 18.6	2.065	3.004	8.1	21.2
4 21	14 44.64	+ 2 24.3	2.029	2.998	6.2	21.1
5 1	14 37.19	+ 3 19.6	2.019	2.992	6.1	21.1
5 11	14 29.73	+ 3 59.5	2.037	2.987	8.0	21.2
5 21	14 23.00	+ 4 21.1	2.080	2.981	10.6	21.3
5 31	14 17.66	+ 4 23.2	2.145	2.975	13.2	21.5
6 10	14 14.15	+ 4 6.7	2.229	2.969	15.5	21.7

54939 2001 OP_{107} 5 1.8 232°.02 1°.0/ 2.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.10	−19 14.7	1.893	2.758	12.6	19.0
4 11	14 54.93	−19 3.1	1.813	2.751	9.1	18.8
4 21	14 46.74	−18 40.8	1.757	2.743	5.1	18.5
5 1	14 37.36	−18 9.5	1.728	2.734	1.2	18.2
5 11	14 27.81	−17 33.1	1.726	2.726	3.9	18.4
5 21	14 19.14	−16 56.2	1.752	2.716	8.1	18.7
5 31	14 12.23	−16 23.8	1.803	2.707	11.9	18.9
6 10	14 7.65	−16 0.2	1.875	2.697	15.2	19.1

120123 2003 FT_{92} 5 1.8 47°.76 6°.9/26.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.90	− 2 6.4	1.517	2.413	13.3	19.6
4 11	14 51.93	− 0 22.3	1.474	2.422	9.9	19.4
4 21	14 45.06	+ 1 17.4	1.455	2.431	7.3	19.3
5 1	14 37.22	+ 2 43.4	1.461	2.440	7.3	19.3
5 11	14 29.51	+ 3 47.9	1.493	2.450	9.7	19.5
5 21	14 22.92	+ 4 26.7	1.548	2.460	12.9	19.7
5 31	14 18.20	+ 4 38.8	1.623	2.470	16.0	19.9
6 10	14 15.78	+ 4 26.4	1.716	2.481	18.6	20.1

471376 2011 SR_{89} 5 1.8 193°.89 3°.1/ 4.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.01	−25 49.3	2.457	3.292	11.1	21.5
4 11	14 53.85	−26 5.4	2.377	3.291	8.4	21.3
4 21	14 46.05	−26 9.8	2.322	3.290	5.6	21.2
5 1	14 37.30	−26 2.4	2.294	3.289	3.4	21.0
5 11	14 28.44	−25 44.9	2.295	3.287	3.9	21.0
5 21	14 20.29	−25 20.4	2.324	3.286	6.5	21.2
5 31	14 13.57	−24 52.9	2.379	3.284	9.4	21.4
6 10	14 8.77	−24 26.9	2.458	3.282	12.0	21.6

228264 1999 TM_{130} 5 1.8 298°.35 0°.3/ 1.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.24	−17 11.1	1.177	2.070	16.5	19.8
4 11	14 55.21	−16 35.4	1.105	2.057	11.9	19.5
4 21	14 47.24	−15 44.5	1.053	2.044	6.4	19.2
5 1	14 37.41	−14 42.8	1.024	2.032	0.5	18.7
5 11	14 27.28	−13 38.2	1.020	2.020	5.8	19.0
5 21	14 18.43	−12 39.6	1.039	2.008	11.6	19.3
5 31	14 12.14	−11 55.2	1.078	1.996	16.9	19.6
6 10	14 9.16	−11 30.1	1.135	1.985	21.3	19.8

215907 2005 HT_3 5 1.8 241°.50 3°.3/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.01	− 9 30.5	1.730	2.616	12.5	20.4
4 11	14 54.20	− 8 31.8	1.656	2.605	8.9	20.2
4 21	14 46.36	− 7 28.5	1.605	2.594	5.1	19.9
5 1	14 37.33	− 6 26.4	1.582	2.582	3.4	19.8
5 11	14 28.18	− 5 31.8	1.586	2.571	6.4	19.9
5 21	14 19.93	− 4 50.3	1.615	2.558	10.4	20.1
5 31	14 13.47	− 4 25.7	1.668	2.546	14.2	20.3
6 10	14 9.36	− 4 19.4	1.740	2.533	17.4	20.5

17421 1988 SW_1 5 1.8 338°.17 0°.9/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 53.54	−19 28.3	3.831	4.682	7.1	18.6
4 11	14 48.84	−19 34.6	3.748	4.678	5.1	18.4
4 21	14 43.23	−19 36.0	3.692	4.674	2.9	18.3
5 1	14 37.10	−19 33.2	3.666	4.671	1.0	18.1
5 11	14 30.91	−19 27.5	3.669	4.668	2.1	18.2
5 21	14 25.11	−19 20.5	3.702	4.664	4.3	18.4
5 31	14 20.10	−19 14.0	3.763	4.661	6.4	18.5
6 10	14 16.20	−19 9.9	3.848	4.658	8.3	18.6

94438 2001 TV_{62} 5 1.8 149°.06 0°.0/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 4.40	−16 11.9	1.550	2.425	14.3	20.2
4 11	14 57.42	−16 1.4	1.487	2.431	10.1	19.9
4 21	14 48.10	−15 42.0	1.448	2.437	5.4	19.7
5 1	14 37.46	−15 16.0	1.435	2.442	0.4	19.3
5 11	14 26.82	−14 48.1	1.448	2.447	4.6	19.6
5 21	14 17.39	−14 23.2	1.488	2.451	9.4	19.9
5 31	14 10.15	−14 5.9	1.552	2.455	13.6	20.2
6 10	14 5.66	−13 59.8	1.635	2.458	17.1	20.4

266637 2008 RN_{99} 5 1.8 113°.61 1°.9/30.3 17

4 1	14 58.70	−12 2.3	2.036	2.914	11.2	21.5
4 11	14 52.87	−11 16.9	1.979	2.926	7.8	21.3
4 21	14 45.47	−10 27.2	1.947	2.937	4.2	21.1
5 1	14 37.27	− 9 37.2	1.944	2.948	1.9	20.9
5 11	14 29.15	− 8 51.7	1.968	2.959	4.7	21.1
5 21	14 21.93	− 8 14.8	2.020	2.969	8.2	21.4
5 31	14 16.26	− 7 49.6	2.097	2.980	11.4	21.6
6 10	14 12.56	− 7 37.8	2.194	2.990	14.1	21.8

430516 2001 XM_{116} 5 1.8 168°.90 0°.3/ 1.5 17

4 1	15 1.20	−15 31.7	2.444	3.306	10.2	22.8
4 11	14 54.50	−15 11.7	2.373	3.312	7.2	22.6
4 21	14 46.33	−14 45.7	2.328	3.316	3.8	22.4
5 1	14 37.34	−14 15.8	2.313	3.320	0.4	22.1
5 11	14 28.36	−13 45.3	2.327	3.323	3.4	22.4
5 21	14 20.13	−13 17.5	2.370	3.326	6.8	22.6
5 31	14 13.30	−12 55.6	2.440	3.328	9.9	22.8
6 10	14 8.29	−12 42.0	2.533	3.328	12.5	23.0

474831 2005 SJ_{59} 5 1.8 242°.38 0°.5/ 2.2 16

4 1	14 57.48	−17 59.4	2.523	3.385	9.9	21.8
4 11	14 51.98	−17 45.2	2.439	3.376	7.1	21.6
4 21	14 45.04	−17 23.5	2.381	3.367	3.9	21.4
5 1	14 37.25	−16 56.3	2.351	3.358	0.6	21.1
5 11	14 29.37	−16 26.3	2.350	3.349	3.1	21.3
5 21	14 22.10	−15 56.8	2.378	3.339	6.4	21.5
5 31	14 16.10	−15 31.2	2.432	3.330	9.5	21.7
6 10	14 11.80	−15 12.4	2.508	3.320	12.1	21.8

289210 2004 XK_{20} 5 1.8 119°.25 1°.8/ 3.0 18

4 1	15 3.35	−21 50.3	1.618	2.481	14.5	20.6
4 11	14 56.56	−21 31.1	1.559	2.494	10.5	20.4
4 21	14 47.58	−20 57.0	1.524	2.507	6.1	20.2
5 1	14 37.44	−20 10.5	1.514	2.519	2.1	20.0
5 11	14 27.40	−19 16.8	1.532	2.531	4.3	20.1
5 21	14 18.62	−18 22.2	1.576	2.543	8.6	20.4
5 31	14 11.98	−17 33.4	1.644	2.554	12.6	20.7
6 10	14 7.99	−16 55.3	1.734	2.564	15.9	20.9

137891 2000 AJ_{149} 5 1.8 358°.50 12°.8/24.5 18

4 1	14 58.11	+ 9 41.0	1.146	2.037	17.1	17.6
4 11	14 53.35	+10 59.1	1.105	2.033	14.5	17.5
4 21	14 46.04	+11 55.6	1.083	2.031	12.9	17.4
5 1	14 37.33	+12 19.9	1.081	2.029	13.2	17.4
5 11	14 28.69	+12 6.1	1.100	2.029	15.2	17.5
5 21	14 21.43	+11 14.3	1.138	2.030	18.1	17.7
5 31	14 16.56	+ 9 49.1	1.193	2.033	21.0	17.9
6 10	14 14.61	+ 7 57.9	1.262	2.036	23.7	18.1

463201 2012 CH_{18} 5 1.8 43°.22 0°.0/ 1.7 17

4 1	14 59.97	−17 27.3	1.308	2.196	15.6	21.2
4 11	14 54.50	−16 56.2	1.255	2.205	11.0	21.0
4 21	14 46.59	−16 12.7	1.223	2.214	5.9	20.7
5 1	14 37.38	−15 21.2	1.216	2.224	0.4	20.4
5 11	14 28.25	−14 28.5	1.234	2.234	5.0	20.7
5 21	14 20.49	−13 41.6	1.276	2.244	10.0	21.0
5 31	14 15.06	−13 6.5	1.341	2.255	14.5	21.3
6 10	14 12.47	−12 46.9	1.424	2.266	18.2	21.6

353797 2012 RO_{20} 5 1.8 182°.03 2°.8/28.9 18

4 1	14 57.13	− 8 22.3	2.497	3.374	9.5	21.2
4 11	14 51.60	− 7 19.8	2.429	3.374	6.7	21.0
4 21	14 44.77	− 6 15.2	2.389	3.375	3.9	20.8
5 1	14 37.24	− 5 12.9	2.377	3.374	2.9	20.7
5 11	14 29.72	− 4 17.5	2.395	3.374	5.1	20.9
5 21	14 22.87	− 3 32.5	2.441	3.372	7.9	21.0
5 31	14 17.26	− 3 0.7	2.512	3.371	10.6	21.2
6 10	14 13.28	− 2 43.0	2.604	3.368	13.0	21.4

380108 2013 TR_{30} 5 1.8 225°.45 1°.5/30.6 18

4 1	14 59.39	−13 12.4	2.114	2.988	11.0	21.6
4 11	14 53.50	−12 29.1	2.034	2.979	7.8	21.4
4 21	14 45.91	−11 39.5	1.979	2.969	4.1	21.1
5 1	14 37.33	−10 47.3	1.953	2.958	1.5	20.9
5 11	14 28.66	− 9 57.4	1.955	2.947	4.5	21.1
5 21	14 20.73	− 9 14.1	1.985	2.936	8.2	21.3
5 31	14 14.31	− 8 41.6	2.039	2.923	11.7	21.5
6 10	14 9.89	− 8 22.1	2.115	2.911	14.6	21.7

391325 2006 TY_{108} 5 1.8 88°.15 0°.7/ 1.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 56.28	−15 58.5	2.195	3.069	10.7	21.1
4 11	14 51.16	−15 9.4	2.130	3.074	7.5	20.9
4 21	14 44.59	−14 12.5	2.090	3.080	3.9	20.7
5 1	14 37.23	−13 11.8	2.078	3.085	0.7	20.5
5 11	14 29.92	−12 12.0	2.095	3.090	3.8	20.7
5 21	14 23.39	−11 17.7	2.139	3.096	7.3	20.9
5 31	14 18.27	−10 33.2	2.209	3.101	10.5	21.1
6 10	14 14.97	−10 0.9	2.300	3.106	13.2	21.3

312161 2007 UP_{56} 5 1.8 142°.97 0°.6/ 2.3 18

4 1	15 2.32	−19 28.9	1.835	2.698	13.0	21.4
4 11	14 55.63	−18 52.8	1.772	2.709	9.3	21.2
4 21	14 47.03	−18 4.7	1.733	2.720	5.1	21.0
5 1	14 37.42	−17 8.1	1.722	2.729	0.8	20.7
5 11	14 27.90	−16 8.0	1.740	2.738	3.9	21.0
5 21	14 19.45	−15 10.4	1.784	2.747	8.1	21.2
5 31	14 12.88	−14 21.0	1.854	2.754	11.8	21.5
6 10	14 8.66	−13 43.5	1.945	2.761	15.0	21.7

250858 2005 UE_{292} 5 1.8 338°.97 1°.5/ 2.9 17

4 1	14 57.48	−20 42.9	2.175	3.036	11.3	20.8
4 11	14 52.17	−20 38.2	2.099	3.033	8.2	20.6
4 21	14 45.20	−20 23.6	2.047	3.030	4.8	20.4
5 1	14 37.29	−20 0.5	2.022	3.027	1.7	20.1
5 11	14 29.29	−19 31.7	2.026	3.025	3.4	20.3
5 21	14 22.05	−19 1.1	2.056	3.022	6.9	20.5
5 31	14 16.28	−18 32.8	2.112	3.020	10.3	20.7
6 10	14 12.48	−18 10.6	2.191	3.018	13.1	20.9

153708 2001 UK_{76} 5 1.8 297°.19 1°.0/30.4 18

4 1	14 51.48	−10 57.1	4.105	4.976	6.2	19.5
4 11	14 47.34	−10 42.1	4.024	4.968	4.3	19.4
4 21	14 42.43	−10 25.6	3.971	4.959	2.3	19.2
5 1	14 37.08	−10 9.1	3.947	4.951	1.0	19.1
5 11	14 31.70	− 9 54.5	3.952	4.943	2.6	19.2
5 21	14 26.66	− 9 43.1	3.987	4.935	4.6	19.4
5 31	14 22.30	− 9 36.4	4.049	4.926	6.5	19.5
6 10	14 18.90	− 9 35.5	4.135	4.918	8.2	19.6

507441 2012 SE_{40} 5 1.8 255°.19 2°.0/ 3.3 17

4 1	14 59.71	−22 9.9	2.013	2.869	12.3	21.9
4 11	14 53.91	−22 5.1	1.931	2.862	9.1	21.7
4 21	14 46.20	−21 48.2	1.874	2.854	5.4	21.5
5 1	14 37.37	−21 20.2	1.843	2.847	2.2	21.3
5 11	14 28.40	−20 44.4	1.840	2.839	3.8	21.3
5 21	14 20.24	−20 5.2	1.864	2.831	7.5	21.6
5 31	14 13.74	−19 27.6	1.914	2.823	11.1	21.8
6 10	14 9.45	−18 56.4	1.985	2.814	14.2	21.9

343080 2009 DH_{1} 5 1.8 123°.40 1°.6/30.5 17

4 1	14 57.92	−12 2.8	2.171	3.048	10.7	21.3
4 11	14 52.33	−11 30.6	2.107	3.053	7.5	21.1
4 21	14 45.22	−10 54.4	2.068	3.058	4.0	20.9
5 1	14 37.29	−10 17.6	2.058	3.063	1.6	20.7
5 11	14 29.39	− 9 44.1	2.076	3.068	4.3	20.9
5 21	14 22.27	− 9 17.5	2.121	3.072	7.8	21.1
5 31	14 16.59	− 9 0.5	2.191	3.077	10.9	21.3
6 10	14 12.79	− 8 55.0	2.282	3.081	13.6	21.5

305434 2008 CP_{172} 5 1.8 202°.53 4°.0/27.9 17

4 1	14 55.53	− 4 55.0	2.292	3.175	9.9	21.3
4 11	14 50.58	− 3 52.3	2.230	3.175	7.2	21.1
4 21	14 44.27	− 2 50.2	2.193	3.175	4.7	20.9
5 1	14 37.22	− 1 53.7	2.185	3.174	4.2	20.9
5 11	14 30.18	− 1 7.5	2.205	3.174	6.1	21.0
5 21	14 23.84	− 0 34.8	2.251	3.173	8.9	21.2
5 31	14 18.78	− 0 17.7	2.320	3.173	11.6	21.3
6 10	14 15.41	− 0 16.3	2.411	3.172	13.9	21.5

371930 2008 EN_{64} 5 1.8 248°.12 0°.1/ 1.9 17

4 1	15 0.28	−18 6.0	1.852	2.722	12.6	21.3
4 11	14 54.42	−17 27.8	1.766	2.707	9.0	21.0
4 21	14 46.53	−16 37.8	1.704	2.692	4.9	20.7
5 1	14 37.40	−15 39.1	1.669	2.677	0.4	20.3
5 11	14 28.09	−14 37.0	1.663	2.661	4.2	20.6
5 21	14 19.63	−13 37.6	1.683	2.645	8.6	20.8
5 31	14 12.91	−12 46.6	1.728	2.628	12.6	21.0
6 10	14 8.53	−12 8.6	1.794	2.611	16.0	21.2

418297 2008 FU_{28} 5 1.8 10°.90 3°.8/ 3.9 17

4 1	14 59.80	−24 6.4	1.269	2.143	16.9	20.9
4 11	14 54.71	−24 20.0	1.208	2.145	12.7	20.6
4 21	14 46.88	−24 15.1	1.167	2.147	8.0	20.4
5 1	14 37.43	−23 51.8	1.149	2.151	4.1	20.1
5 11	14 27.89	−23 14.4	1.156	2.155	5.4	20.2
5 21	14 19.72	−22 29.7	1.186	2.159	9.9	20.5
5 31	14 14.06	−21 45.9	1.237	2.165	14.4	20.8
6 10	14 11.53	−21 10.3	1.308	2.171	18.2	21.0

134158 2005 AJ_{75} 5 1.8 131°.74 0°.4/ 2.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 59.21	−17 50.7	2.012	2.881	11.8	20.7
4 11	14 53.39	−17 30.6	1.944	2.884	8.4	20.5
4 21	14 45.85	−17 1.6	1.901	2.888	4.6	20.3
5 1	14 37.36	−16 26.1	1.884	2.892	0.6	20.0
5 11	14 28.85	−15 48.2	1.896	2.895	3.7	20.2
5 21	14 21.22	−15 12.1	1.936	2.899	7.6	20.5
5 31	14 15.21	−14 42.1	2.000	2.902	11.0	20.7
6 10	14 11.28	−14 21.5	2.086	2.905	14.0	20.9

41390 2000 AX_{145} 5 1.8 174°.16 0°.3/ 2.1 18

4 1	14 58.84	−18 36.6	2.442	3.302	10.3	19.5
4 11	14 52.89	−17 59.8	2.368	3.305	7.3	19.3
4 21	14 45.50	−17 14.3	2.320	3.307	4.0	19.1
5 1	14 37.33	−16 22.5	2.301	3.309	0.5	18.8
5 11	14 29.17	−15 28.4	2.312	3.310	3.2	19.0
5 21	14 21.75	−14 36.3	2.351	3.311	6.6	19.3
5 31	14 15.69	−13 50.4	2.417	3.311	9.7	19.5
6 10	14 11.40	−13 13.7	2.506	3.310	12.3	19.6

340350 2006 DX_{75} 5 1.8 249°.26 0°.9/30.3 18

4 1	14 50.29	−11 6.6	4.589	5.459	5.6	21.2
4 11	14 46.45	−10 45.0	4.510	5.453	3.9	21.1
4 21	14 41.94	−10 21.8	4.459	5.448	2.1	21.0
5 1	14 37.07	− 9 58.7	4.438	5.442	1.0	20.9
5 11	14 32.17	− 9 37.2	4.447	5.436	2.3	21.0
5 21	14 27.58	− 9 18.9	4.485	5.431	4.2	21.1
5 31	14 23.60	− 9 5.1	4.550	5.425	5.9	21.2
6 10	14 20.46	− 8 56.8	4.639	5.419	7.4	21.3

173931 2001 VJ_{104} 5 1.8 240°.01 2°.6/ 4.3 18

4 1	14 57.48	−25 45.9	2.275	3.118	11.6	20.0
4 11	14 52.14	−25 23.9	2.194	3.115	8.7	19.8
4 21	14 45.19	−24 47.7	2.138	3.111	5.6	19.6
5 1	14 37.31	−23 58.6	2.108	3.108	2.9	19.4
5 11	14 29.40	−23 0.2	2.107	3.104	3.6	19.4
5 21	14 22.25	−21 57.5	2.134	3.100	6.7	19.6
5 31	14 16.58	−20 55.9	2.187	3.096	9.9	19.8
6 10	14 12.86	−20 0.4	2.262	3.093	12.7	20.0

422685 1999 XK_{148} 5 1.8 240°.53 1°.0/ 1.1 17

4 1	15 2.09	−14 6.6	1.901	2.774	12.2	22.2
4 11	14 55.67	−13 38.9	1.815	2.759	8.6	22.0
4 21	14 47.20	−13 4.0	1.753	2.743	4.6	21.7
5 1	14 37.48	−12 25.0	1.719	2.726	1.0	21.4
5 11	14 27.53	−11 46.4	1.714	2.709	4.6	21.6
5 21	14 18.38	−11 12.9	1.735	2.691	8.9	21.8
5 31	14 10.94	−10 48.8	1.781	2.672	12.8	22.0
6 10	14 5.81	−10 37.1	1.848	2.652	16.1	22.2

206783 2004 CN_{112} 5 1.8 263°.77 5°.6/27.6 18

4 1	14 58.94	+ 0 15.9	2.057	2.936	11.1	20.0
4 11	14 53.11	+ 0 54.0	1.996	2.934	8.4	19.8
4 21	14 45.67	+ 1 26.3	1.960	2.932	6.1	19.7
5 1	14 37.36	+ 1 47.8	1.951	2.930	5.7	19.6
5 11	14 29.04	+ 1 55.0	1.969	2.928	7.6	19.7
5 21	14 21.53	+ 1 45.8	2.012	2.926	10.3	19.9
5 31	14 15.51	+ 1 20.0	2.079	2.923	13.1	20.1
6 10	14 11.45	+ 0 38.9	2.165	2.921	15.5	20.3

181737 1995 UQ_{43} 5 1.8 203°.11 1°.1/30.9 17

4 1	15 1.22	−14 11.5	2.048	2.920	11.5	21.9
4 11	14 54.82	−13 32.7	1.972	2.915	8.1	21.7
4 21	14 46.64	−12 46.9	1.920	2.910	4.3	21.4
5 1	14 37.44	−11 57.6	1.897	2.903	1.1	21.2
5 11	14 28.16	−11 9.5	1.903	2.897	4.4	21.4
5 21	14 19.71	−10 27.3	1.936	2.889	8.3	21.6
5 31	14 12.87	− 9 55.0	1.994	2.881	11.8	21.8
6 10	14 8.14	− 9 35.3	2.074	2.872	14.8	22.0

351494 2005 QT_{147} 5 1.8 286°.19 4°.4/28.2 16

4 1	14 57.78	− 3 15.3	2.176	3.057	10.5	20.9
4 11	14 52.38	− 2 34.7	2.093	3.036	7.7	20.7
4 21	14 45.36	− 1 56.0	2.035	3.015	5.2	20.5
5 1	14 37.35	− 1 23.9	2.005	2.994	4.6	20.4
5 11	14 29.17	− 1 2.6	2.003	2.973	6.6	20.5
5 21	14 21.63	− 0 54.9	2.027	2.951	9.7	20.6
5 31	14 15.45	− 1 2.7	2.074	2.930	12.7	20.8
6 10	14 11.15	− 1 26.0	2.142	2.909	15.3	20.9

130501 2000 QK_{136} 5 1.8 196°.86 0°.9/ 1.2 16

4 1	15 2.52	−15 4.3	1.820	2.693	12.6	21.3
4 11	14 55.91	−14 29.7	1.746	2.690	8.9	21.1
4 21	14 47.28	−13 46.9	1.697	2.687	4.7	20.8
5 1	14 37.50	−12 59.3	1.676	2.683	0.9	20.5
5 11	14 27.63	−12 12.0	1.683	2.678	4.6	20.8
5 21	14 18.73	−11 30.2	1.717	2.673	8.8	21.0
5 31	14 11.67	−10 58.6	1.775	2.667	12.7	21.2
6 10	14 6.97	−10 40.1	1.854	2.661	16.0	21.4

455225 2001 RT_{62} 5 1.8 185°.72 0°.3/ 1.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 4.29	−15 56.4	1.722	2.593	13.3	22.3
4 11	14 57.25	−15 37.6	1.651	2.594	9.5	22.1
4 21	14 48.04	−15 10.2	1.604	2.593	5.1	21.8
5 1	14 37.56	−14 36.8	1.585	2.592	0.4	21.5
5 11	14 27.00	−14 2.0	1.593	2.590	4.5	21.8
5 21	14 17.50	−13 30.6	1.628	2.588	9.0	22.0
5 31	14 9.99	−13 7.3	1.688	2.585	13.0	22.3
6 10	14 5.04	−12 55.5	1.768	2.581	16.4	22.5

473206 2015 KG_{113} 5 1.8 280°.63 1°.8/30.1 17

4 1	14 55.83	−12 46.3	2.169	3.049	10.6	21.4
4 11	14 50.94	−11 49.1	2.094	3.042	7.4	21.2
4 21	14 44.54	−10 45.7	2.044	3.035	4.0	20.9
5 1	14 37.29	− 9 40.7	2.023	3.028	1.8	20.8
5 11	14 30.00	− 8 39.1	2.030	3.021	4.6	20.9
5 21	14 23.42	− 7 45.8	2.065	3.014	8.1	21.1
5 31	14 18.22	− 7 4.6	2.124	3.007	11.3	21.3
6 10	14 14.85	− 6 37.8	2.204	3.000	14.1	21.5

35815 1999 JO_{48} 5 1.8 280°.82 1°.1/ 2.5 18

4 1	15 0.74	−19 5.4	1.791	2.660	13.0	19.0
4 11	14 54.93	−19 1.3	1.702	2.641	9.5	18.7
4 21	14 46.92	−18 46.6	1.637	2.623	5.4	18.4
5 1	14 37.50	−18 22.5	1.598	2.604	1.3	18.1
5 11	14 27.77	−17 52.5	1.586	2.585	4.1	18.2
5 21	14 18.86	−17 21.2	1.601	2.567	8.6	18.5
5 31	14 11.75	−16 53.8	1.640	2.548	12.7	18.7
6 10	14 7.11	−16 34.8	1.699	2.529	16.2	18.8

226373 2003 JH_{10} 5 1.8 354°.49 5°.5/28.4 17

4 1	14 54.17	− 6 41.6	1.171	2.082	15.1	19.2
4 11	14 50.64	− 5 35.0	1.115	2.074	10.9	18.9
4 21	14 44.69	− 4 27.1	1.080	2.069	6.8	18.7
5 1	14 37.32	− 3 26.9	1.067	2.064	5.7	18.6
5 11	14 29.89	− 2 42.9	1.078	2.061	8.9	18.7
5 21	14 23.66	− 2 21.1	1.111	2.060	13.3	19.0
5 31	14 19.64	− 2 24.1	1.162	2.060	17.5	19.2
6 10	14 18.43	− 2 50.8	1.230	2.062	21.1	19.5

106381 2000 VB_{16} 5 1.8 227°.69 1°.9/29.9 18

4 1	14 56.66	−10 12.8	2.716	3.590	8.9	20.4
4 11	14 51.30	− 9 37.4	2.636	3.580	6.3	20.3
4 21	14 44.67	− 8 59.3	2.582	3.570	3.5	20.1
5 1	14 37.32	− 8 21.6	2.557	3.560	1.9	19.9
5 11	14 29.90	− 7 47.6	2.562	3.549	4.1	20.1
5 21	14 23.04	− 7 20.2	2.595	3.538	7.0	20.2
5 31	14 17.30	− 7 1.9	2.654	3.527	9.7	20.4
6 10	14 13.09	− 6 54.1	2.735	3.515	12.0	20.5

106379 2000 VL_{14} 5 1.8 154°.85 2°.0/30.1 18

4 1	14 58.08	− 9 16.2	2.548	3.422	9.4	19.3
4 11	14 52.28	− 8 57.2	2.481	3.425	6.6	19.1
4 21	14 45.18	− 8 36.9	2.441	3.429	3.7	19.0
5 1	14 37.36	− 8 18.1	2.430	3.432	2.0	18.8
5 11	14 29.53	− 8 3.5	2.447	3.435	4.2	19.0
5 21	14 22.37	− 7 55.4	2.493	3.438	7.1	19.2
5 31	14 16.45	− 7 55.7	2.565	3.441	9.9	19.4
6 10	14 12.15	− 8 5.3	2.659	3.443	12.2	19.5

285196 1996 VS_{28} 5 1.8 51°.46 1°.4/30.9 17

4 1	15 0.58	−11 29.8	1.895	2.774	11.9	20.4
4 11	14 54.34	−11 29.2	1.841	2.788	8.3	20.2
4 21	14 46.35	−11 25.8	1.812	2.802	4.4	20.0
5 1	14 37.45	−11 22.0	1.810	2.816	1.4	19.8
5 11	14 28.62	−11 20.7	1.836	2.831	4.4	20.1
5 21	14 20.76	−11 24.5	1.889	2.846	8.2	20.3
5 31	14 14.61	−11 35.4	1.966	2.861	11.6	20.6
6 10	14 10.62	−11 54.8	2.065	2.876	14.4	20.8

344010 2011 SN_{121} 5 1.8 140°.65 3°.0/28.5 18

4 1	14 55.48	− 7 50.1	2.530	3.410	9.3	20.9
4 11	14 50.44	− 6 40.3	2.470	3.416	6.5	20.7
4 21	14 44.18	− 5 29.1	2.436	3.422	3.9	20.6
5 1	14 37.28	− 4 21.1	2.432	3.427	3.1	20.5
5 11	14 30.44	− 3 20.8	2.457	3.432	5.2	20.7
5 21	14 24.25	− 2 31.9	2.509	3.438	7.9	20.8
5 31	14 19.25	− 1 56.8	2.586	3.442	10.4	21.0
6 10	14 15.80	− 1 36.3	2.685	3.447	12.7	21.2

150328 1999 VU_{142} 5 1.8 228°.76 0°.7/ 2.6 18

4 1	14 56.68	−19 44.5	2.818	3.673	9.2	21.1
4 11	14 51.33	−19 21.6	2.731	3.664	6.6	20.9
4 21	14 44.70	−18 50.6	2.670	3.654	3.7	20.7
5 1	14 37.33	−18 13.1	2.637	3.643	0.9	20.5
5 11	14 29.88	−17 32.0	2.634	3.633	2.8	20.6
5 21	14 23.00	−16 50.7	2.660	3.622	5.8	20.8
5 31	14 17.23	−16 12.7	2.713	3.610	8.6	20.9
6 10	14 13.01	−15 41.0	2.789	3.599	11.1	21.1

347760 2002 BW_{27} 5 1.8 133°.22 6°.3/25.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 57.61	+ 7 33.6	2.800	3.657	9.2	21.3
4 11	14 51.77	+ 8 21.4	2.757	3.669	7.5	21.2
4 21	14 44.82	+ 9 0.0	2.741	3.681	6.4	21.1
5 1	14 37.34	+ 9 25.4	2.752	3.693	6.5	21.1
5 11	14 29.94	+ 9 35.3	2.790	3.704	7.7	21.2
5 21	14 23.21	+ 9 28.7	2.854	3.714	9.4	21.3
5 31	14 17.62	+ 9 6.0	2.941	3.725	11.2	21.5
6 10	14 13.50	+ 8 29.0	3.048	3.735	12.7	21.6

134269 2006 BP_{114} 5 1.8 7°.72 0°.5/ 1.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 50.81	−14 4.1	4.089	4.956	6.3	20.1
4 11	14 46.89	−13 41.6	4.015	4.957	4.4	20.0
4 21	14 42.21	−13 16.2	3.968	4.957	2.3	19.8
5 1	14 37.14	−12 49.5	3.951	4.958	0.5	19.7
5 11	14 32.06	−12 23.4	3.963	4.958	2.3	19.8
5 21	14 27.33	−11 59.7	4.005	4.959	4.4	20.0
5 31	14 23.31	−11 40.2	4.074	4.959	6.3	20.1
6 10	14 20.24	−11 26.1	4.167	4.960	8.0	20.2

189467 1999 RO_{219} 5 1.8 155°.45 0°.5/ 2.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.09	−19 39.5	2.475	3.331	10.3	20.5
4 11	14 53.03	−18 58.1	2.405	3.339	7.4	20.4
4 21	14 45.58	−18 7.2	2.362	3.347	4.0	20.2
5 1	14 37.40	−17 9.5	2.347	3.354	0.7	19.9
5 11	14 29.28	−16 9.2	2.363	3.361	3.1	20.1
5 21	14 21.92	−15 10.7	2.407	3.367	6.5	20.3
5 31	14 15.92	−14 18.3	2.478	3.372	9.5	20.5
6 10	14 11.69	−13 35.4	2.572	3.377	12.0	20.7

192108 2006 CO_{29} 5 1.8 148°.21 1°.9/30.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.96	−12 6.6	1.968	2.847	11.5	20.6
4 11	14 53.20	−11 23.0	1.904	2.851	8.0	20.4
4 21	14 45.77	−10 34.5	1.865	2.855	4.3	20.2
5 1	14 37.42	− 9 45.2	1.854	2.859	1.9	20.1
5 11	14 29.10	− 9 0.2	1.871	2.862	4.8	20.3
5 21	14 21.65	− 8 23.7	1.915	2.866	8.5	20.5
5 31	14 15.81	− 7 59.1	1.983	2.869	11.9	20.7
6 10	14 12.01	− 7 48.2	2.072	2.871	14.8	20.9

523548 2017 VN_{21} 5 1.8 99°.38 0°.7/ 2.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.87	−20 17.7	2.270	3.131	10.9	21.5
4 11	14 51.59	−19 37.9	2.203	3.139	7.8	21.4
4 21	14 44.86	−18 47.7	2.161	3.146	4.3	21.1
5 1	14 37.35	−17 50.0	2.147	3.154	0.9	20.9
5 11	14 29.90	−16 49.1	2.162	3.161	3.2	21.1
5 21	14 23.23	−15 49.9	2.205	3.169	6.7	21.3
5 31	14 17.99	−14 57.0	2.274	3.176	9.9	21.5
6 10	14 14.56	−14 13.9	2.365	3.183	12.6	21.7

183868 2004 CL_{35} 5 1.8 272°.42 3°.5/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.36	−24 23.0	1.655	2.511	14.5	19.9
4 11	14 56.28	−24 36.6	1.572	2.499	11.0	19.7
4 21	14 47.73	−24 34.9	1.510	2.486	7.1	19.4
5 1	14 37.60	−24 17.3	1.474	2.474	3.8	19.2
5 11	14 27.16	−23 46.4	1.464	2.461	4.9	19.2
5 21	14 17.68	−23 7.3	1.481	2.448	8.9	19.4
5 31	14 10.28	−22 26.6	1.521	2.436	13.0	19.6
6 10	14 5.67	−21 51.1	1.581	2.423	16.7	19.8

90713 Chajnantor 5 1.8 237°.77 1°.3/ 2.6 16 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 4.54	−19 15.6	1.762	2.624	13.5	19.9
4 11	14 57.66	−19 15.4	1.675	2.611	9.8	19.6
4 21	14 48.41	−19 4.3	1.611	2.596	5.6	19.4
5 1	14 37.66	−18 43.4	1.575	2.581	1.5	19.0
5 11	14 26.59	−18 15.6	1.566	2.565	4.2	19.2
5 21	14 16.41	−17 45.7	1.585	2.549	8.8	19.4
5 31	14 8.18	−17 19.2	1.628	2.532	13.0	19.6
6 10	14 2.60	−17 0.8	1.692	2.514	16.6	19.8

350996 2003 GH_{57} 5 1.8 320°.96 3°.2/29.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.97	− 6 39.7	2.080	2.963	10.8	20.2
4 11	14 52.52	− 6 18.2	2.009	2.955	7.7	20.0
4 21	14 45.44	− 5 57.3	1.962	2.948	4.6	19.8
5 1	14 37.41	− 5 40.4	1.943	2.941	3.2	19.7
5 11	14 29.31	− 5 31.2	1.951	2.935	5.5	19.8
5 21	14 21.95	− 5 32.0	1.986	2.928	8.8	20.0
5 31	14 16.04	− 5 44.6	2.045	2.922	12.0	20.2
6 10	14 12.07	− 6 9.4	2.125	2.916	14.7	20.4

414165 2008 AS_{61} 5 1.8 180°.90 1°.1/30.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.74	−14 10.6	1.999	2.871	11.7	22.7
4 11	14 55.19	−13 31.8	1.929	2.872	8.2	22.5
4 21	14 46.86	−12 46.0	1.884	2.873	4.3	22.3
5 1	14 37.53	−11 57.0	1.867	2.873	1.1	22.0
5 11	14 28.18	−11 9.6	1.879	2.873	4.4	22.2
5 21	14 19.74	−10 28.3	1.918	2.871	8.3	22.5
5 31	14 12.95	− 9 57.3	1.983	2.869	11.8	22.7
6 10	14 8.32	− 9 38.9	2.068	2.866	14.8	22.9

247825 2003 SF_{190} 5 1.8 264°.15 6°.7/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 1.35	− 0 56.4	1.697	2.581	12.8	20.9
4 11	14 55.33	+ 0 16.6	1.617	2.558	9.7	20.6
4 21	14 47.13	+ 1 27.0	1.561	2.534	7.2	20.4
5 1	14 37.57	+ 2 27.1	1.531	2.510	7.0	20.3
5 11	14 27.72	+ 3 9.7	1.527	2.486	9.4	20.4
5 21	14 18.70	+ 3 30.2	1.548	2.460	12.9	20.6
5 31	14 11.47	+ 3 26.5	1.591	2.434	16.4	20.7
6 10	14 6.68	+ 2 59.8	1.650	2.408	19.5	20.9

45291 2000 AS_{33} 5 1.8 251°.92 5°.2/ 5.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.78	−30 20.4	1.930	2.754	14.1	19.4
4 11	14 57.19	−30 33.4	1.833	2.735	11.2	19.2
4 21	14 48.20	−30 27.6	1.758	2.715	8.0	19.0
5 1	14 37.65	−30 1.4	1.709	2.695	5.5	18.8
5 11	14 26.73	−29 16.4	1.687	2.674	5.8	18.7
5 21	14 16.66	−28 17.2	1.692	2.653	8.6	18.9
5 31	14 8.53	−27 11.4	1.722	2.631	12.1	19.0
6 10	14 3.05	−26 6.8	1.774	2.608	15.4	19.2

140520 2001 TN_{170} 5 1.8 277°.50 4°.4/ 5.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.86	−29 9.2	2.160	2.988	12.6	19.8
4 11	14 54.05	−29 23.6	2.077	2.983	9.9	19.6
4 21	14 46.35	−29 22.3	2.018	2.977	7.0	19.4
5 1	14 37.51	−29 4.9	1.985	2.972	4.7	19.3
5 11	14 28.51	−28 33.1	1.979	2.967	4.9	19.3
5 21	14 20.33	−27 51.1	2.000	2.962	7.4	19.4
5 31	14 13.79	−27 4.4	2.046	2.956	10.4	19.6
6 10	14 9.46	−26 18.9	2.115	2.951	13.2	19.7

226927 2004 TU_{273} 5 1.8 148°.35 0°.8/ 2.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.85	−19 34.1	2.220	3.080	11.2	21.4
4 11	14 53.73	−19 8.6	2.152	3.087	8.0	21.2
4 21	14 46.03	−18 33.4	2.110	3.095	4.5	21.0
5 1	14 37.48	−17 50.8	2.095	3.102	1.0	20.7
5 11	14 28.95	−17 4.6	2.109	3.108	3.3	20.9
5 21	14 21.26	−16 19.2	2.152	3.114	6.9	21.1
5 31	14 15.09	−15 39.0	2.220	3.120	10.2	21.4
6 10	14 10.88	−15 7.5	2.311	3.125	13.0	21.6

83761 2001 TE_{152} 5 1.8 245°.83 3°.4/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.66	− 6 7.5	2.244	3.124	10.2	19.4
4 11	14 52.19	− 5 29.7	2.173	3.118	7.3	19.2
4 21	14 45.23	− 4 52.2	2.127	3.112	4.5	19.0
5 1	14 37.42	− 4 18.8	2.110	3.106	3.5	18.9
5 11	14 29.56	− 3 53.7	2.121	3.099	5.6	19.0
5 21	14 22.40	− 3 39.5	2.158	3.093	8.6	19.2
5 31	14 16.58	− 3 38.3	2.220	3.086	11.6	19.4
6 10	14 12.57	− 3 50.5	2.303	3.079	14.1	19.6

417338 2006 DE_{88} 5 1.8 32°.70 6°.5/27.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.55	− 4 14.5	1.238	2.143	14.9	20.1
4 11	14 51.88	− 2 45.6	1.210	2.165	10.8	20.0
4 21	14 45.12	− 1 21.8	1.205	2.189	7.3	19.8
5 1	14 37.40	− 0 12.3	1.224	2.213	6.7	19.9
5 11	14 29.99	+ 0 35.5	1.266	2.238	9.4	20.1
5 21	14 23.95	+ 0 58.0	1.331	2.264	13.0	20.4
5 31	14 20.04	+ 0 55.1	1.416	2.291	16.4	20.6
6 10	14 18.63	+ 0 29.7	1.518	2.318	19.2	20.9

285450 1999 XJ_{62} 5 1.8 219°.07 2°.0/30.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.71	−11 9.1	1.850	2.726	12.3	21.2
4 11	14 56.08	−10 46.6	1.774	2.719	8.7	21.0
4 21	14 47.44	−10 20.2	1.722	2.712	4.7	20.8
5 1	14 37.60	− 9 53.4	1.698	2.703	2.0	20.5
5 11	14 27.62	− 9 30.2	1.703	2.695	5.1	20.7
5 21	14 18.53	− 9 14.5	1.734	2.685	9.2	21.0
5 31	14 11.21	− 9 9.5	1.789	2.675	12.9	21.2
6 10	14 6.21	− 9 16.9	1.865	2.665	16.1	21.4

371106 2005 VD_{51} 5 1.8 191°.48 2°.8/29.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.11	− 9 47.6	2.111	2.989	10.9	22.5
4 11	14 53.25	− 8 46.4	2.041	2.988	7.6	22.3
4 21	14 45.80	− 7 41.4	1.998	2.986	4.3	22.1
5 1	14 37.47	− 6 37.6	1.983	2.984	2.9	22.0
5 11	14 29.13	− 5 40.4	1.997	2.981	5.4	22.1
5 21	14 21.59	− 4 54.3	2.038	2.977	8.8	22.3
5 31	14 15.53	− 4 22.5	2.104	2.974	12.0	22.5
6 10	14 11.42	− 4 6.3	2.191	2.969	14.7	22.7

405412 2004 RX_{98} 5 1.8 245°.44 2°.4/30.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.14	−12 40.5	1.594	2.478	13.5	21.7
4 11	14 55.25	−11 36.6	1.515	2.464	9.5	21.4
4 21	14 47.11	−10 23.6	1.460	2.450	5.2	21.1
5 1	14 37.58	− 9 7.3	1.431	2.436	2.5	20.9
5 11	14 27.87	− 7 55.2	1.430	2.420	6.1	21.1
5 21	14 19.12	− 6 54.6	1.454	2.405	10.7	21.3
5 31	14 12.34	− 6 10.9	1.501	2.388	14.9	21.5
6 10	14 8.14	− 5 47.1	1.567	2.372	18.5	21.7

499544 2010 RA_{114} 5 1.8 230°.08 2°.7/ 3.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 3.11	−24 7.2	1.904	2.752	13.3	22.4
4 11	14 56.53	−24 2.0	1.816	2.740	9.9	22.1
4 21	14 47.76	−23 42.0	1.752	2.728	6.2	21.9
5 1	14 37.64	−23 7.6	1.714	2.716	3.0	21.6
5 11	14 27.28	−22 22.1	1.705	2.702	4.3	21.7
5 21	14 17.81	−21 30.5	1.723	2.688	8.1	21.9
5 31	14 10.19	−20 39.4	1.766	2.673	11.9	22.1
6 10	14 5.06	−19 54.7	1.830	2.658	15.3	22.3

297886 2002 CL_{162} 5 1.8 99°.63 10°.6/13.5 18

4 1	15 7.91	−52 12.9	2.588	3.249	14.8	20.4
4 11	15 0.13	−53 14.2	2.519	3.261	13.5	20.3
4 21	14 49.75	−53 50.9	2.468	3.272	12.2	20.2
5 1	14 37.79	−53 58.7	2.438	3.284	11.1	20.1
5 11	14 25.65	−53 37.1	2.431	3.295	10.6	20.1
5 21	14 14.69	−52 48.9	2.446	3.306	10.8	20.1
5 31	14 6.06	−51 40.3	2.484	3.317	11.6	20.2
6 10	14 0.38	−50 19.5	2.544	3.328	12.7	20.3

1739 Meyermann 5 1.8 307°.75 0°.9/ 1.3 18

4 1	14 58.96	−16 7.6	1.260	2.153	15.6	15.8
4 11	14 54.19	−15 23.1	1.187	2.140	11.2	15.5
4 21	14 46.72	−14 25.0	1.134	2.126	5.9	15.2
5 1	14 37.56	−13 18.2	1.106	2.113	1.0	14.8
5 11	14 28.15	−12 10.9	1.102	2.100	5.8	15.1
5 21	14 19.90	−11 11.4	1.122	2.088	11.3	15.3
5 31	14 14.01	−10 27.3	1.163	2.076	16.3	15.6
6 10	14 11.18	−10 3.0	1.221	2.065	20.5	15.8

178682 2000 RV_{32} 5 1.8 208°.70 4°.2/ 5.9 18

4 1	15 0.29	−31 49.3	2.958	3.757	10.3	21.1
4 11	14 53.99	−32 4.2	2.867	3.751	8.2	20.9
4 21	14 46.19	−32 5.8	2.800	3.744	6.1	20.8
5 1	14 37.51	−31 53.5	2.761	3.737	4.5	20.7
5 11	14 28.70	−31 28.4	2.751	3.729	4.5	20.6
5 21	14 20.49	−30 53.3	2.769	3.721	6.1	20.7
5 31	14 13.54	−30 12.2	2.815	3.713	8.3	20.9
6 10	14 8.32	−29 29.6	2.884	3.704	10.5	21.0

199661 2006 GV_{46} 5 1.8 217°.93 0°.3/ 1.6 17

4 1	15 0.21	−15 21.3	2.050	2.921	11.5	20.7
4 11	14 54.17	−15 9.3	1.975	2.918	8.1	20.5
4 21	14 46.36	−14 50.8	1.925	2.914	4.3	20.2
5 1	14 37.53	−14 28.0	1.903	2.910	0.4	19.9
5 11	14 28.60	−14 4.4	1.909	2.906	3.9	20.2
5 21	14 20.49	−13 43.5	1.942	2.902	7.8	20.4
5 31	14 13.94	−13 29.0	2.001	2.898	11.3	20.6
6 10	14 9.49	−13 23.4	2.081	2.893	14.3	20.8

85883 1999 CS_{27} 5 1.8 352°.32 10°.4/25.8 17

4 1	15 1.66	+ 9 6.7	1.493	2.366	14.8	18.2
4 11	14 55.49	+ 9 58.1	1.444	2.364	12.3	18.0
4 21	14 47.13	+10 32.2	1.416	2.362	10.7	17.9
5 1	14 37.59	+10 41.3	1.412	2.361	10.7	17.9
5 11	14 28.09	+10 21.2	1.432	2.360	12.5	18.0
5 21	14 19.78	+ 9 31.9	1.473	2.359	15.1	18.1
5 31	14 13.53	+ 8 16.6	1.534	2.359	17.8	18.3
6 10	14 9.88	+ 6 40.5	1.612	2.359	20.3	18.5

141423 2002 BZ_{29} 5 1.8 169°.76 4°.2/27.8 18

4 1	14 58.09	− 0 11.0	2.835	3.704	8.7	20.5
4 11	14 52.18	+ 0 20.0	2.774	3.708	6.5	20.4
4 21	14 45.11	+ 0 46.7	2.740	3.710	4.7	20.2
5 1	14 37.43	+ 1 5.8	2.735	3.713	4.3	20.2
5 11	14 29.77	+ 1 14.8	2.758	3.715	5.8	20.3
5 21	14 22.71	+ 1 12.3	2.809	3.717	8.0	20.5
5 31	14 16.76	+ 0 57.5	2.886	3.718	10.1	20.6
6 10	14 12.29	+ 0 31.0	2.983	3.719	12.1	20.8

215365 2001 XY_{249} 5 1.8 42°.41 4°.9/28.3 18

4 1	14 58.14	− 1 54.5	1.973	2.856	11.3	19.8
4 11	14 52.55	− 1 19.9	1.922	2.865	8.3	19.6
4 21	14 45.41	− 0 50.0	1.897	2.875	5.7	19.4
5 1	14 37.45	− 0 29.4	1.898	2.884	5.1	19.4
5 11	14 29.58	− 0 21.7	1.926	2.894	7.0	19.5
5 21	14 22.58	− 0 28.6	1.979	2.904	9.9	19.7
5 31	14 17.12	− 0 50.7	2.056	2.914	12.7	19.9
6 10	14 13.62	− 1 26.9	2.153	2.925	15.1	20.1

479088 2013 AO_{110} 5 1.8 319°.08 4°.4/ 5.6 16

4 1	14 58.17	−30 0.1	2.203	3.029	12.5	20.7
4 11	14 52.81	−30 1.3	2.122	3.026	9.8	20.5
4 21	14 45.67	−29 46.0	2.063	3.022	7.0	20.3
5 1	14 37.48	−29 14.1	2.031	3.018	4.7	20.1
5 11	14 29.20	−28 28.2	2.026	3.014	4.8	20.1
5 21	14 21.73	−27 32.7	2.048	3.011	7.2	20.3
5 31	14 15.86	−26 33.4	2.095	3.007	10.1	20.4
6 10	14 12.09	−25 36.4	2.165	3.004	12.9	20.6

128197 2003 SR_{35} 5 1.8 228°.57 0°.5/ 1.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 54.99	−15 46.6	2.794	3.661	8.9	20.0
4 11	14 50.13	−15 5.8	2.714	3.656	6.2	19.8
4 21	14 44.07	−14 18.9	2.662	3.651	3.3	19.6
5 1	14 37.36	−13 28.5	2.638	3.645	0.5	19.3
5 11	14 30.61	−12 38.1	2.643	3.639	3.1	19.5
5 21	14 24.43	−11 51.3	2.678	3.633	6.1	19.7
5 31	14 19.33	−11 11.4	2.738	3.627	8.9	19.9
6 10	14 15.70	−10 40.6	2.822	3.621	11.3	20.0

420372 2012 BG_{118} 5 1.8 171°.25 2°.5/ 3.6 17

4 1	15 2.36	−23 19.7	1.635	2.494	14.5	21.6
4 11	14 56.09	−23 8.4	1.564	2.496	10.7	21.3
4 21	14 47.52	−22 41.2	1.517	2.497	6.5	21.1
5 1	14 37.64	−21 59.3	1.495	2.498	2.8	20.9
5 11	14 27.68	−21 7.4	1.500	2.499	4.4	21.0
5 21	14 18.86	−20 11.6	1.531	2.499	8.6	21.2
5 31	14 12.14	−19 19.1	1.586	2.500	12.7	21.4
6 10	14 8.10	−18 35.8	1.662	2.499	16.2	21.7

338116 2002 QP_{62} 5 1.8 189°.38 3°.6/ 5.0 18

4 1	15 0.49	−28 19.3	2.440	3.265	11.5	21.2
4 11	14 54.27	−28 22.4	2.358	3.264	8.9	21.0
4 21	14 46.39	−28 11.3	2.301	3.263	6.1	20.9
5 1	14 37.55	−27 46.2	2.271	3.261	3.9	20.7
5 11	14 28.62	−27 9.3	2.269	3.259	4.2	20.7
5 21	14 20.45	−26 24.3	2.295	3.256	6.6	20.9
5 31	14 13.76	−25 36.3	2.348	3.254	9.5	21.0
6 10	14 9.05	−24 50.4	2.424	3.250	12.1	21.2

224328 2005 UL_{51} 5 1.8 337°.02 2°.7/ 3.7 18

4 1	14 55.96	−24 8.6	1.312	2.189	16.2	18.8
4 11	14 52.04	−23 37.9	1.236	2.177	12.1	18.5
4 21	14 45.56	−22 45.1	1.182	2.165	7.4	18.2
5 1	14 37.49	−21 32.9	1.151	2.155	3.1	17.9
5 11	14 29.23	−20 8.0	1.144	2.145	4.9	18.0
5 21	14 22.13	−18 40.0	1.161	2.136	9.9	18.2
5 31	14 17.32	−17 19.0	1.200	2.129	14.6	18.5
6 10	14 15.46	−16 13.0	1.258	2.122	18.8	18.7

347455 2012 TE_{258} 5 1.8 316°.78 3°.2/ 6.2 18

4 1	14 54.19	−31 40.6	4.173	4.969	7.6	20.3
4 11	14 49.39	−31 56.7	4.084	4.965	6.1	20.2
4 21	14 43.64	−32 3.6	4.021	4.961	4.5	20.1
5 1	14 37.34	−32 1.2	3.985	4.957	3.4	20.0
5 11	14 30.96	−31 50.3	3.978	4.953	3.4	20.0
5 21	14 24.96	−31 32.6	3.999	4.950	4.5	20.1
5 31	14 19.77	−31 10.3	4.048	4.946	6.0	20.2
6 10	14 15.71	−30 46.2	4.122	4.942	7.6	20.3

61050 2000 KM_{72} 5 1.8 220°.94 1°.2/ 1.1 17

4 1	15 2.69	−14 16.0	1.615	2.494	13.6	19.4
4 11	14 56.32	−13 43.6	1.541	2.487	9.6	19.1
4 21	14 47.67	−13 2.9	1.490	2.480	5.1	18.9
5 1	14 37.66	−12 17.9	1.466	2.473	1.2	18.6
5 11	14 27.51	−11 34.0	1.469	2.465	5.1	18.8
5 21	14 18.39	−10 56.8	1.498	2.457	9.8	19.1
5 31	14 11.28	−10 31.1	1.551	2.448	14.0	19.3
6 10	14 6.79	−10 20.0	1.623	2.438	17.5	19.5

423433 2005 QL_{75} 5 1.8 186°.02 1°.7/30.3 17

4 1	15 0.07	−12 8.1	2.370	3.240	10.2	23.0
4 11	14 53.81	−11 22.8	2.297	3.240	7.1	22.8
4 21	14 46.08	−10 32.9	2.251	3.239	3.8	22.6
5 1	14 37.54	− 9 41.8	2.233	3.238	1.7	22.4
5 11	14 28.97	− 8 54.0	2.246	3.236	4.3	22.6
5 21	14 21.15	− 8 13.3	2.287	3.232	7.6	22.8
5 31	14 14.69	− 7 42.8	2.353	3.229	10.6	23.0
6 10	14 10.04	− 7 24.5	2.442	3.224	13.2	23.2

80636 2000 AV_{214} 5 1.8 179°.49 0°.5/ 2.2 18 R

4 1	15 3.42	−18 37.3	1.438	2.314	15.2	20.0
4 11	14 57.00	−18 11.1	1.371	2.315	10.9	19.8
4 21	14 48.08	−17 31.5	1.327	2.315	6.0	19.5
5 1	14 37.70	−16 41.7	1.308	2.316	0.8	19.1
5 11	14 27.26	−15 47.6	1.316	2.316	4.8	19.4
5 21	14 18.07	−14 56.3	1.349	2.315	9.8	19.7
5 31	14 11.19	−14 14.3	1.405	2.314	14.3	20.0
6 10	14 7.21	−13 46.4	1.480	2.313	18.1	20.2

104499 2000 GH_{36} 5 1.8 243°.25 0°.8/ 2.5 18

4 1	14 59.40	−18 55.2	2.343	3.202	10.7	19.6
4 11	14 53.53	−18 43.9	2.254	3.190	7.7	19.4
4 21	14 46.03	−18 24.0	2.192	3.177	4.3	19.2
5 1	14 37.54	−17 57.1	2.157	3.164	1.0	18.9
5 11	14 28.90	−17 26.1	2.151	3.150	3.3	19.1
5 21	14 20.92	−16 54.5	2.174	3.136	6.9	19.3
5 31	14 14.32	−16 26.3	2.222	3.122	10.2	19.5
6 10	14 9.61	−16 5.0	2.293	3.108	13.0	19.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
126716 2002 CF_{247}			5 1.8 357.°42		0.°8/ 2.4 17	
	h m	° ′			°	m
4 1	14 59.63	−18 50.1	1.703	2.576	13.3	20.1
4 11	14 54.05	−18 36.1	1.634	2.576	9.6	19.9
4 21	14 46.41	−18 11.0	1.588	2.575	5.3	19.6
5 1	14 37.57	−17 37.3	1.568	2.575	1.1	19.3
5 11	14 28.66	−16 59.2	1.575	2.575	4.1	19.5
5 21	14 20.75	−16 21.9	1.608	2.575	8.4	19.8
5 31	14 14.72	−15 50.6	1.665	2.575	12.4	20.0
6 10	14 11.11	−15 29.4	1.743	2.576	15.8	20.2
375815 2009 UT_{25}			5 1.9 173.°59		2.°8/29.9 18	
4 1	15 2.53	− 7 19.3	2.133	3.007	11.0	21.0
4 11	14 55.66	− 7 3.0	2.066	3.009	7.8	20.8
4 21	14 47.11	− 6 46.8	2.025	3.011	4.5	20.6
5 1	14 37.63	− 6 34.0	2.013	3.013	2.9	20.5
5 11	14 28.14	− 6 27.5	2.029	3.014	5.2	20.7
5 21	14 19.47	− 6 29.8	2.074	3.015	8.5	20.9
5 31	14 12.37	− 6 42.5	2.143	3.015	11.7	21.1
6 10	14 7.29	− 7 6.0	2.234	3.015	14.4	21.3
250341 2003 SY_{155}			5 1.9 266.°22		2.°9/ 3.4 17	
4 1	15 4.05	−22 12.8	1.573	2.435	14.8	20.3
4 11	14 57.63	−22 31.8	1.489	2.421	11.1	20.1
4 21	14 48.56	−22 37.4	1.427	2.408	6.8	19.8
5 1	14 37.77	−22 29.1	1.391	2.394	3.1	19.5
5 11	14 26.58	−22 9.2	1.382	2.380	4.9	19.6
5 21	14 16.38	−21 42.2	1.398	2.366	9.3	19.8
5 31	14 8.37	−21 14.6	1.437	2.351	13.7	20.0
6 10	14 3.30	−20 52.6	1.497	2.337	17.6	20.2
499214 2009 US_{45}			5 1.9 229.°63		0.°1/ 1.9 17	
4 1	15 1.67	−16 44.9	2.104	2.969	11.5	22.8
4 11	14 55.27	−16 31.4	2.019	2.958	8.2	22.6
4 21	14 47.01	−16 10.0	1.959	2.946	4.5	22.3
5 1	14 37.63	−15 42.8	1.927	2.934	0.4	21.9
5 11	14 28.08	−15 13.0	1.923	2.921	3.7	22.2
5 21	14 19.27	−14 44.5	1.948	2.908	7.7	22.4
5 31	14 12.04	−14 21.5	1.998	2.894	11.3	22.6
6 10	14 6.93	−14 7.3	2.070	2.879	14.4	22.8
87381 2000 QE_{62}			5 1.9 274.°75		5.°3/27.8 18	
4 1	14 59.59	− 3 8.0	1.826	2.710	12.0	19.8
4 11	14 53.97	− 2 10.7	1.746	2.690	8.9	19.6
4 21	14 46.38	− 1 14.7	1.690	2.669	6.1	19.3
5 1	14 37.59	− 0 26.4	1.661	2.648	5.5	19.3
5 11	14 28.57	+ 0 8.5	1.658	2.626	7.9	19.4
5 21	14 20.33	+ 0 25.7	1.681	2.605	11.4	19.5
5 31	14 13.73	+ 0 23.3	1.726	2.583	14.8	19.7
6 10	14 9.35	+ 0 1.3	1.790	2.561	17.8	19.8
17067 1999 GF_{19}			5 1.9 316.°55		5.°6/27.6 18	
4 1	14 58.29	− 0 8.2	2.007	2.888	11.2	17.7
4 11	14 52.77	+ 0 32.1	1.944	2.883	8.5	17.5
4 21	14 45.60	+ 1 6.8	1.905	2.878	6.2	17.4
5 1	14 37.52	+ 1 31.0	1.893	2.873	5.8	17.3
5 11	14 29.41	+ 1 40.6	1.908	2.869	7.6	17.4
5 21	14 22.09	+ 1 33.7	1.949	2.865	10.5	17.6
5 31	14 16.27	+ 1 9.6	2.012	2.861	13.3	17.8
6 10	14 12.43	+ 0 29.7	2.095	2.857	15.8	17.9
62369 2000 SK_{150}			5 1.9 238.°12		0.°4/ 2.1 18	
4 1	15 0.06	−17 49.9	1.815	2.687	12.7	19.0
4 11	14 54.27	−17 32.2	1.743	2.685	9.1	18.8
4 21	14 46.50	−17 4.7	1.694	2.682	5.0	18.5
5 1	14 37.59	−16 29.9	1.673	2.680	0.7	18.2
5 11	14 28.61	−15 52.0	1.678	2.678	4.0	18.4
5 21	14 20.54	−15 15.9	1.711	2.675	8.2	18.7
5 31	14 14.26	−14 46.3	1.767	2.673	12.1	18.9
6 10	14 10.30	−14 26.8	1.845	2.670	15.3	19.1
245155 2004 SC_{17}			5 1.9 267.°81		4.°7/29.1 17	
4 1	15 3.02	− 6 8.4	1.510	2.397	13.9	20.7
4 11	14 56.79	− 5 23.8	1.428	2.377	10.1	20.4
4 21	14 48.07	− 4 38.2	1.370	2.356	6.3	20.1
5 1	14 37.74	− 3 57.8	1.337	2.334	4.8	20.0
5 11	14 27.04	− 3 29.1	1.331	2.312	7.8	20.1
5 21	14 17.28	− 3 17.0	1.349	2.289	12.2	20.3
5 31	14 9.56	− 3 24.4	1.389	2.266	16.4	20.5
6 10	14 4.62	− 3 51.6	1.446	2.243	20.1	20.7
405408 2004 RA_{31}			5 1.9 251.°97		3.°4/ 3.8 16	
4 1	15 4.78	−24 2.5	1.600	2.455	15.0	21.8
4 11	14 58.18	−24 14.1	1.512	2.439	11.3	21.5
4 21	14 48.88	−24 9.9	1.446	2.423	7.2	21.3
5 1	14 37.80	−23 49.2	1.406	2.406	3.7	21.0
5 11	14 26.31	−23 14.5	1.392	2.389	5.0	21.0
5 21	14 15.80	−22 31.2	1.404	2.371	9.4	21.2
5 31	14 7.49	−21 46.7	1.440	2.353	13.8	21.4
6 10	14 2.16	−21 8.1	1.496	2.334	17.6	21.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
135124 2001 QT_{146}			5 1.9 175.°02		3.°4/28.9 18	
	h m	° ′			°	m
4 1	14 59.17	− 4 21.0	2.563	3.436	9.4	20.2
4 11	14 53.07	− 3 55.4	2.498	3.438	6.8	20.1
4 21	14 45.66	− 3 31.7	2.459	3.440	4.3	19.9
5 1	14 37.53	− 3 13.1	2.449	3.441	3.5	19.9
5 11	14 29.40	− 3 2.5	2.468	3.442	5.2	20.0
5 21	14 21.93	− 3 1.8	2.514	3.442	7.9	20.1
5 31	14 15.70	− 3 12.1	2.587	3.442	10.5	20.3
6 10	14 11.11	− 3 33.6	2.680	3.442	12.7	20.5
111063 2001 VL_{45}			5 1.9 134.°18		1.°9/30.4 18	
4 1	15 1.71	−10 43.1	2.265	3.136	10.6	19.8
4 11	14 54.91	−10 15.2	2.209	3.152	7.4	19.6
4 21	14 46.63	− 9 44.7	2.179	3.167	4.0	19.5
5 1	14 37.61	− 9 14.6	2.177	3.181	1.9	19.3
5 11	14 28.68	− 8 48.7	2.206	3.195	4.4	19.5
5 21	14 20.60	− 8 29.7	2.262	3.208	7.6	19.8
5 31	14 14.02	− 8 20.1	2.344	3.220	10.6	20.0
6 10	14 9.33	− 8 21.1	2.448	3.232	13.2	20.2
93180 2000 SS_{104}			5 1.9 192.°22		2.°7/29.3 18	
4 1	14 58.48	−10 3.2	2.203	3.081	10.5	20.8
4 11	14 52.79	− 8 56.2	2.133	3.079	7.4	20.6
4 21	14 45.57	− 7 45.1	2.089	3.077	4.2	20.4
5 1	14 37.53	− 6 35.0	2.075	3.075	2.8	20.3
5 11	14 29.48	− 5 31.2	2.089	3.072	5.3	20.5
5 21	14 22.19	− 4 38.4	2.130	3.068	8.5	20.7
5 31	14 16.31	− 3 59.9	2.197	3.064	11.6	20.9
6 10	14 12.29	− 3 37.2	2.284	3.059	14.2	21.0
57469 2001 SA_{115}			5 1.9 33.°25		2.°5/30.2 18	
4 1	14 57.55	−12 55.5	1.252	2.152	15.2	18.2
4 11	14 52.78	−11 54.6	1.209	2.166	10.6	18.0
4 21	14 45.74	−10 46.4	1.188	2.181	5.6	17.7
5 1	14 37.54	− 9 38.1	1.191	2.196	2.5	17.6
5 11	14 29.53	− 8 37.9	1.219	2.213	6.3	17.8
5 21	14 22.88	− 7 52.4	1.270	2.230	11.0	18.1
5 31	14 18.47	− 7 25.8	1.343	2.248	15.1	18.4
6 10	14 16.72	− 7 19.0	1.433	2.266	18.5	18.7
140678 2001 UC_{52}			5 1.9 96.°52		0.°8/ 1.1 18	
4 1	14 57.99	−14 15.6	2.286	3.158	10.4	20.2
4 11	14 52.34	−13 45.7	2.228	3.171	7.3	20.0
4 21	14 45.29	−13 10.5	2.196	3.185	3.8	19.8
5 1	14 37.51	−12 33.2	2.192	3.198	0.8	19.6
5 11	14 29.80	−11 57.3	2.216	3.212	3.7	19.8
5 21	14 22.88	−11 26.4	2.269	3.225	7.1	20.0
5 31	14 17.36	−11 3.6	2.347	3.238	10.1	20.3
6 10	14 13.62	−10 50.7	2.447	3.250	12.6	20.5
151422 2002 FH			5 1.9 2.°93		4.°0/ 4.7 17	
4 1	15 0.90	−27 7.2	2.226	3.060	12.1	19.5
4 11	14 54.76	−27 40.5	2.149	3.059	9.4	19.3
4 21	14 46.75	−28 0.9	2.096	3.059	6.5	19.1
5 1	14 37.64	−28 7.5	2.070	3.060	4.3	19.0
5 11	14 28.36	−28 1.4	2.071	3.060	4.7	19.0
5 21	14 19.86	−27 45.6	2.100	3.061	7.2	19.2
5 31	14 12.96	−27 24.4	2.154	3.061	10.1	19.3
6 10	14 8.21	−27 2.9	2.231	3.062	12.8	19.5
235154 2003 RM_{5}			5 1.9 207.°93		4.°9/ 5.4 18	
4 1	15 2.59	−29 45.3	2.091	2.914	13.2	20.5
4 11	14 56.09	−30 10.5	2.010	2.912	10.4	20.3
4 21	14 47.53	−30 19.5	1.953	2.909	7.4	20.1
5 1	14 37.71	−30 11.2	1.922	2.906	5.2	20.0
5 11	14 27.71	−29 46.9	1.918	2.903	5.4	20.0
5 21	14 18.58	−29 10.5	1.941	2.900	7.8	20.1
5 31	14 11.24	−28 27.9	1.989	2.896	10.8	20.3
6 10	14 6.28	−27 45.2	2.060	2.892	13.7	20.5
39714 1996 UX_{1}			5 1.9 84.°90		4.°0/ 4.5 18	
4 1	15 3.09	−26 27.2	1.462	2.317	16.2	18.9
4 11	14 56.76	−26 24.1	1.403	2.329	12.2	18.7
4 21	14 47.92	−26 0.7	1.366	2.340	7.9	18.5
5 1	14 37.73	−25 18.1	1.354	2.352	4.4	18.3
5 11	14 27.60	−24 20.9	1.367	2.363	5.2	18.4
5 21	14 18.86	−23 16.8	1.405	2.375	9.1	18.6
5 31	14 12.51	−22 14.2	1.467	2.386	13.1	18.9
6 10	14 9.07	−21 20.3	1.549	2.397	16.6	19.1
110302 2001 SM_{270}			5 1.9 203.°96		6.°0/26.4 17	
4 1	15 0.30	+ 2 10.2	2.310	3.179	10.4	20.5
4 11	14 54.01	+ 3 10.2	2.245	3.174	8.1	20.3
4 21	14 46.22	+ 4 4.4	2.206	3.168	6.3	20.2
5 1	14 37.60	+ 4 47.4	2.194	3.161	6.2	20.2
5 11	14 28.94	+ 5 15.0	2.211	3.153	7.9	20.3
5 21	14 21.01	+ 5 24.8	2.254	3.144	10.4	20.4
5 31	14 14.45	+ 5 16.2	2.320	3.135	12.8	20.6
6 10	14 9.71	+ 4 50.5	2.405	3.125	15.0	20.7

54280 2000 JF_{47} 5 1.9 270°.13 4°.6/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 59.01	−30 59.7	2.153	2.974	12.9	18.7
4 11	14 53.50	−30 53.7	2.065	2.965	10.2	18.5
4 21	14 46.11	−30 29.6	2.000	2.956	7.3	18.3
5 1	14 37.60	−29 47.0	1.960	2.946	5.0	18.1
5 11	14 28.95	−28 48.7	1.948	2.936	5.0	18.1
5 21	14 21.14	−27 39.8	1.963	2.927	7.4	18.2
5 31	14 14.98	−26 26.9	2.004	2.917	10.5	18.4
6 10	14 11.02	−25 16.8	2.068	2.907	13.4	18.6

350680 2001 US_{160} 5 1.9 176°.76 1°.5/30.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.73	−10 35.9	2.855	3.723	8.7	22.0
4 11	14 52.71	−10 19.2	2.783	3.725	6.1	21.9
4 21	14 45.46	−10 0.6	2.738	3.726	3.3	21.7
5 1	14 37.55	− 9 42.3	2.723	3.727	1.5	21.5
5 11	14 29.62	− 9 26.6	2.738	3.728	3.6	21.7
5 21	14 22.28	− 9 15.8	2.782	3.728	6.4	21.9
5 31	14 16.06	− 9 11.8	2.852	3.728	9.0	22.0
6 10	14 11.34	− 9 15.9	2.946	3.727	11.2	22.2

287796 2003 SJ_{155} 5 1.9 149°.06 0°.6/ 2.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.84	−18 55.3	1.916	2.779	12.6	21.2
4 11	14 56.04	−18 27.8	1.852	2.789	9.0	21.0
4 21	14 47.38	−17 49.7	1.812	2.798	4.9	20.7
5 1	14 37.71	−17 3.6	1.799	2.806	0.8	20.5
5 11	14 28.09	−16 14.2	1.815	2.814	3.8	20.7
5 21	14 19.49	−15 26.5	1.859	2.821	7.9	21.0
5 31	14 12.70	−14 45.8	1.929	2.828	11.5	21.2
6 10	14 8.20	−14 15.5	2.019	2.834	14.6	21.4

512595 2016 TL_{1} 5 1.9 253°.53 4°.8/ 6.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.35	−32 43.4	2.574	3.377	11.6	21.5
4 11	14 53.58	−32 51.7	2.479	3.365	9.3	21.3
4 21	14 46.11	−32 44.0	2.408	3.352	7.0	21.2
5 1	14 37.61	−32 19.8	2.363	3.338	5.1	21.0
5 11	14 28.95	−31 40.4	2.346	3.325	5.1	21.0
5 21	14 20.96	−30 49.5	2.356	3.311	6.9	21.1
5 31	14 14.40	−29 52.1	2.393	3.298	9.3	21.2
6 10	14 9.79	−28 53.9	2.453	3.283	11.8	21.3

492404 2014 KQ_{4} 5 1.9 302°.37 2°.1/ 2.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.74	−19 35.1	1.129	2.017	17.5	20.2
4 11	14 57.45	−19 49.9	1.051	1.998	12.9	19.9
4 21	14 48.82	−19 50.5	0.992	1.980	7.6	19.5
5 1	14 37.87	−19 37.2	0.956	1.962	2.4	19.1
5 11	14 26.29	−19 13.3	0.943	1.944	5.7	19.3
5 21	14 15.92	−18 45.2	0.953	1.927	11.7	19.5
5 31	14 8.33	−18 21.0	0.983	1.910	17.2	19.8
6 10	14 4.46	−18 7.6	1.029	1.894	22.0	20.0

442181 2011 AC_{16} 5 1.9 147°.99 14°.2/10.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 12.14	−45 25.3	1.325	2.091	22.2	21.1
4 11	15 4.60	−46 49.0	1.261	2.096	19.6	20.9
4 21	14 52.79	−47 36.7	1.213	2.100	17.0	20.7
5 1	14 38.18	−47 38.9	1.184	2.104	14.9	20.6
5 11	14 23.19	−46 53.2	1.175	2.108	14.2	20.6
5 21	14 10.25	−45 26.2	1.188	2.111	15.0	20.6
5 31	14 1.18	−43 32.2	1.220	2.114	17.2	20.8
6 10	13 56.76	−41 28.1	1.271	2.116	19.8	20.9

378164 2006 WT_{39} 5 1.9 224°.65 0°.2/ 2.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.47	−18 33.5	1.865	2.733	12.6	21.2
4 11	14 54.57	−17 53.6	1.785	2.726	9.0	20.9
4 21	14 46.70	−17 1.8	1.730	2.718	4.9	20.7
5 1	14 37.68	−16 1.4	1.702	2.710	0.5	20.3
5 11	14 28.55	−14 57.8	1.702	2.701	4.0	20.6
5 21	14 20.32	−13 56.8	1.729	2.692	8.3	20.8
5 31	14 13.83	−13 4.4	1.781	2.682	12.2	21.0
6 10	14 9.64	−12 24.8	1.854	2.672	15.5	21.2

419601 2010 RE_{119} 5 1.9 226°.31 0°.7/ 2.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.64	−17 52.0	1.797	2.663	13.1	21.5
4 11	14 56.95	−17 49.4	1.716	2.655	9.4	21.2
4 21	14 48.05	−17 37.4	1.659	2.646	5.2	20.9
5 1	14 37.80	−17 17.5	1.630	2.637	0.9	20.6
5 11	14 27.33	−16 53.0	1.628	2.627	4.1	20.8
5 21	14 17.77	−16 28.4	1.653	2.617	8.5	21.1
5 31	14 10.10	−16 8.2	1.703	2.606	12.6	21.3
6 10	14 4.94	−15 56.5	1.774	2.595	16.0	21.5

41634 2000 SO_{218} 5 1.9 285°.27 5°.3/28.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.48	− 3 14.7	1.732	2.619	12.4	18.6
4 11	14 53.87	− 2 26.4	1.666	2.611	9.1	18.4
4 21	14 46.32	− 1 41.0	1.623	2.604	6.2	18.2
5 1	14 37.65	− 1 4.2	1.607	2.596	5.4	18.1
5 11	14 28.90	− 0 41.3	1.617	2.589	7.7	18.3
5 21	14 21.05	− 0 35.6	1.652	2.581	11.2	18.4
5 31	14 14.94	− 0 48.5	1.709	2.574	14.5	18.6
6 10	14 11.11	− 1 19.3	1.785	2.566	17.4	18.8

30637 6196 $P–L$ 5 1.9 282°.55 2°.2/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 56.42	−11 38.5	2.081	2.963	10.9	18.9
4 11	14 51.45	−10 39.3	2.011	2.960	7.6	18.7
4 21	14 44.93	− 9 34.8	1.967	2.957	4.1	18.5
5 1	14 37.54	− 8 29.9	1.950	2.954	2.3	18.4
5 11	14 30.13	− 7 30.0	1.962	2.950	4.9	18.5
5 21	14 23.49	− 6 39.8	2.000	2.947	8.4	18.7
5 31	14 18.28	− 6 3.0	2.063	2.944	11.7	18.9
6 10	14 14.96	− 5 41.3	2.147	2.941	14.5	19.1

488674 2003 UJ_{196} 5 1.9 211°.98 1°.0/ 2.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.88	−20 3.4	2.432	3.286	10.5	22.3
4 11	14 53.82	−19 49.2	2.348	3.280	7.6	22.1
4 21	14 46.19	−19 25.7	2.289	3.273	4.4	21.9
5 1	14 37.65	−18 54.6	2.259	3.265	1.2	21.6
5 11	14 29.01	−18 18.7	2.258	3.257	3.2	21.7
5 21	14 21.04	−17 41.7	2.286	3.248	6.6	22.0
5 31	14 14.45	−17 7.7	2.340	3.239	9.8	22.1
6 10	14 9.70	−16 40.2	2.417	3.230	12.5	22.3

381835 2009 WO_{31} 5 1.9 128°.87 7°.3/28.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.35	+ 5 11.5	1.829	2.695	12.9	20.3
4 11	14 57.81	+ 5 25.5	1.772	2.697	10.1	20.1
4 21	14 48.33	+ 5 27.2	1.739	2.699	7.9	20.0
5 1	14 37.82	+ 5 12.1	1.733	2.701	7.4	20.0
5 11	14 27.36	+ 4 37.7	1.754	2.703	9.1	20.1
5 21	14 17.94	+ 3 44.1	1.800	2.704	11.8	20.3
5 31	14 10.39	+ 2 33.5	1.870	2.706	14.6	20.4
6 10	14 5.18	+ 1 9.1	1.959	2.708	17.1	20.6

335794 2007 GQ_{59} 5 1.9 320°.92 1°.1/ 2.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.19	−18 20.7	1.471	2.353	14.5	20.7
4 11	14 54.26	−18 23.2	1.388	2.334	10.6	20.4
4 21	14 46.81	−18 14.7	1.327	2.315	6.0	20.1
5 1	14 37.72	−17 56.7	1.290	2.297	1.3	19.7
5 11	14 28.25	−17 32.8	1.278	2.279	4.6	19.9
5 21	14 19.71	−17 8.1	1.292	2.262	9.7	20.2
5 31	14 13.26	−16 48.4	1.327	2.246	14.3	20.4
6 10	14 9.65	−16 38.4	1.382	2.230	18.3	20.6

119138 2001 PS_{15} 5 1.9 258°.09 1°.9/ 3.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.16	−20 49.1	1.735	2.599	13.6	20.3
4 11	14 56.01	−20 51.1	1.654	2.589	10.0	20.0
4 21	14 47.60	−20 41.0	1.595	2.579	5.9	19.7
5 1	14 37.78	−20 19.6	1.563	2.568	2.1	19.5
5 11	14 27.72	−19 50.1	1.558	2.558	4.2	19.6
5 21	14 18.58	−19 17.4	1.580	2.547	8.5	19.8
5 31	14 11.37	−18 46.9	1.625	2.536	12.6	20.0
6 10	14 6.73	−18 23.8	1.692	2.525	16.1	20.2

192922 1999 YM_{14} 5 1.9 88°.64 6°.5/ 7.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.61	−34 42.6	2.001	2.802	14.5	19.6
4 11	14 56.83	−35 11.5	1.937	2.817	11.8	19.4
4 21	14 47.91	−35 19.7	1.896	2.832	9.0	19.3
5 1	14 37.80	−35 5.5	1.879	2.847	7.0	19.2
5 11	14 27.69	−34 30.9	1.889	2.862	6.7	19.2
5 21	14 18.71	−33 40.8	1.925	2.876	8.4	19.3
5 31	14 11.74	−32 41.9	1.986	2.891	11.0	19.5
6 10	14 7.32	−31 42.0	2.069	2.905	13.5	19.7

405499 2005 AR_{12} 5 1.9 114°.19 1°.8/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.62	−12 27.1	1.636	2.515	13.4	21.2
4 11	14 56.70	−11 52.1	1.585	2.532	9.4	20.9
4 21	14 47.75	−11 11.7	1.558	2.548	5.0	20.7
5 1	14 37.79	−10 30.5	1.558	2.563	1.8	20.5
5 11	14 27.97	− 9 53.7	1.585	2.578	5.2	20.8
5 21	14 19.37	− 9 25.8	1.639	2.593	9.4	21.1
5 31	14 12.79	− 9 10.2	1.716	2.607	13.2	21.3
6 10	14 8.69	− 9 8.5	1.814	2.620	16.3	21.6

201604 2003 SW_{192} 5 1.9 299°.21 3°.3/ 4.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.96	−26 29.0	1.876	2.723	13.5	19.6
4 11	14 53.59	−26 13.5	1.798	2.719	10.2	19.4
4 21	14 46.21	−25 40.9	1.742	2.715	6.7	19.2
5 1	14 37.67	−24 52.2	1.713	2.711	3.6	19.0
5 11	14 29.04	−23 51.3	1.710	2.707	4.3	19.0
5 21	14 21.35	−22 44.2	1.734	2.703	7.8	19.2
5 31	14 15.46	−21 37.9	1.783	2.699	11.4	19.4
6 10	14 11.90	−20 38.7	1.854	2.695	14.6	19.6

439158 2011 UX_{263} 5 1.9 257°.58 4°.8/28.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.09	− 0 20.3	2.362	3.236	10.1	20.6
4 11	14 53.19	+ 0 6.5	2.292	3.228	7.5	20.4
4 21	14 45.83	+ 0 28.4	2.246	3.219	5.4	20.2
5 1	14 37.64	+ 0 41.5	2.229	3.210	4.9	20.2
5 11	14 29.39	+ 0 42.8	2.240	3.202	6.6	20.3
5 21	14 21.80	+ 0 30.7	2.277	3.193	9.2	20.4
5 31	14 15.52	+ 0 4.5	2.339	3.184	11.8	20.6
6 10	14 10.98	− 0 34.9	2.421	3.175	14.1	20.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
213648 2002 RU_{126}			5 1.9 276°.36	3°.6/29.5 17		
	h m	° ′			°	m
4 1	15 1.57	− 8 11.3	1.659	2.544	13.0	20.9
4 11	14 55.67	− 7 28.4	1.571	2.519	9.3	20.6
4 21	14 47.48	− 6 42.3	1.507	2.494	5.5	20.3
5 1	14 37.79	− 5 58.2	1.469	2.469	3.7	20.1
5 11	14 27.75	− 5 22.1	1.458	2.443	6.8	20.3
5 21	14 18.50	− 4 59.2	1.472	2.417	11.1	20.4
5 31	14 11.09	− 4 53.0	1.509	2.390	15.2	20.6
6 10	14 6.23	− 5 5.0	1.565	2.363	18.8	20.8
500835 2013 GN_{137}			5 1.9 36°.87	0°.0/ 1.4 17		
4 1	14 39.22	−13 58.3	41.133	41.998	0.7	23.3
4 11	14 38.53	−13 55.0	41.058	41.999	0.5	23.3
4 21	14 37.77	−13 51.5	41.012	42.000	0.2	23.2
5 1	14 36.99	−13 47.8	40.994	42.002	0.0	23.2
5 11	14 36.21	−13 44.3	41.007	42.003	0.2	23.2
5 21	14 35.45	−13 40.9	41.048	42.004	0.5	23.3
5 31	14 34.75	−13 37.8	41.116	42.005	0.7	23.3
6 10	14 34.12	−13 35.1	41.211	42.006	0.9	23.3
18971 2000 QY_{177}			5 1.9 349°.21	1°.9/29.0 18		
4 1	14 50.48	− 8 12.7	3.724	4.601	6.6	18.4
4 11	14 46.78	− 7 28.2	3.653	4.599	4.6	18.2
4 21	14 42.28	− 6 42.7	3.610	4.596	2.7	18.1
5 1	14 37.36	− 5 58.9	3.596	4.594	2.0	18.0
5 11	14 32.42	− 5 19.3	3.612	4.592	3.4	18.1
5 21	14 27.87	− 4 46.1	3.656	4.590	5.5	18.3
5 31	14 24.05	− 4 20.9	3.726	4.588	7.4	18.4
6 10	14 21.25	− 4 4.7	3.819	4.587	9.1	18.5
162140 1998 UX_{28}			5 1.9 246°.05	2°.1/29.9 18		
4 1	14 58.44	−10 34.3	2.440	3.314	9.8	20.9
4 11	14 52.80	− 9 47.0	2.351	3.296	6.9	20.7
4 21	14 45.67	− 8 55.5	2.289	3.277	3.8	20.4
5 1	14 37.64	− 8 3.6	2.255	3.257	2.2	20.3
5 11	14 29.48	− 7 15.6	2.250	3.237	4.6	20.4
5 21	14 21.90	− 6 35.2	2.274	3.216	7.8	20.6
5 31	14 15.57	− 6 5.9	2.323	3.195	10.9	20.7
6 10	14 10.98	− 5 49.4	2.394	3.173	13.6	20.9
474886 2005 SJ_{169}			5 1.9 190°.02	0°.8/ 2.7 16		
4 1	14 57.05	−19 56.5	2.872	3.725	9.1	22.1
4 11	14 51.61	−19 34.2	2.792	3.724	6.6	21.9
4 21	14 44.94	−19 3.8	2.739	3.722	3.7	21.7
5 1	14 37.58	−18 27.3	2.714	3.720	1.0	21.5
5 11	14 30.19	−17 47.4	2.719	3.718	2.7	21.6
5 21	14 23.38	−17 7.2	2.754	3.716	5.6	21.8
5 31	14 17.70	−16 30.3	2.815	3.712	8.4	22.0
6 10	14 13.53	−15 59.4	2.900	3.709	10.7	22.1
123580 2000 XK_{40}			5 1.9 192°.84	7°.0/ 7.3 18		
4 1	15 4.53	−36 23.8	2.166	2.953	14.0	19.5
4 11	14 57.60	−37 0.1	2.085	2.952	11.6	19.4
4 21	14 48.42	−37 16.5	2.025	2.950	9.2	19.2
5 1	14 37.88	−37 10.4	1.990	2.948	7.4	19.1
5 11	14 27.13	−36 42.3	1.982	2.946	7.2	19.1
5 21	14 17.32	−35 56.2	2.000	2.943	8.7	19.1
5 31	14 9.43	−34 58.4	2.043	2.940	11.1	19.3
6 10	14 4.09	−33 56.8	2.108	2.937	13.5	19.4
106673 2000 WL_{151}			5 1.9 135°.10	11°.1/10.8 18		
4 1	15 5.72	−43 27.2	1.123	1.923	23.5	19.1
4 11	14 59.76	−43 5.3	1.055	1.925	20.1	18.8
4 21	14 49.95	−41 54.8	1.002	1.927	16.2	18.6
5 1	14 38.00	−39 50.8	0.968	1.930	12.7	18.4
5 11	14 26.22	−36 58.8	0.957	1.932	11.1	18.3
5 21	14 16.68	−33 35.4	0.968	1.934	12.8	18.4
5 31	14 10.76	−30 3.6	1.003	1.935	16.4	18.6
6 10	14 8.92	−26 44.9	1.058	1.937	20.4	18.9
254981 2005 SV_{256}			5 1.9 25°.32	3°.1/28.8 17		
4 1	14 55.66	− 8 12.3	2.268	3.150	10.0	20.4
4 11	14 50.80	− 7 9.1	2.203	3.150	7.1	20.2
4 21	14 44.55	− 6 4.0	2.164	3.151	4.2	20.0
5 1	14 37.56	− 5 1.7	2.154	3.151	3.2	20.0
5 11	14 30.57	− 4 7.1	2.171	3.151	5.4	20.1
5 21	14 24.28	− 3 24.2	2.216	3.151	8.4	20.3
5 31	14 19.29	− 2 55.6	2.285	3.151	11.3	20.5
6 10	14 16.01	− 2 42.2	2.375	3.151	13.7	20.7
62666 Rainawessen			5 1.9 237°.53	2°.4/ 4.4 18		
4 1	14 57.70	−25 55.1	2.682	3.516	10.3	19.2
4 11	14 52.24	−25 36.4	2.590	3.505	7.8	19.0
4 21	14 45.35	−25 5.2	2.523	3.494	5.0	18.8
5 1	14 37.63	−24 22.6	2.484	3.482	2.7	18.7
5 11	14 29.81	−23 31.4	2.474	3.470	3.3	18.7
5 21	14 22.61	−22 35.3	2.493	3.458	6.0	18.8
5 31	14 16.65	−21 39.2	2.539	3.445	8.8	19.0
6 10	14 12.40	−20 47.2	2.608	3.432	11.4	19.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
17614 1995 UT_{7}			5 1.9 217°.52	1°.9/ 3.7 18		
	h m	° ′			°	m
4 1	14 57.47	−23 43.2	2.349	3.197	11.1	19.0
4 11	14 52.17	−23 16.0	2.269	3.195	8.2	18.8
4 21	14 45.33	−22 36.3	2.214	3.192	5.0	18.6
5 1	14 37.63	−21 45.8	2.186	3.189	2.1	18.4
5 11	14 29.89	−20 48.3	2.187	3.186	3.3	18.4
5 21	14 22.88	−19 48.4	2.217	3.183	6.5	18.6
5 31	14 17.28	−18 51.1	2.272	3.180	9.7	18.8
6 10	14 13.52	−18 1.0	2.351	3.176	12.4	19.0
246055 2006 VP_{6}			5 1.9 269°.51	1°.4/30.8 17		
4 1	14 58.93	−12 2.2	2.296	3.170	10.3	20.5
4 11	14 53.26	−11 44.3	2.208	3.153	7.3	20.2
4 21	14 45.97	−11 22.7	2.146	3.135	3.9	20.0
5 1	14 37.70	−10 59.8	2.112	3.118	1.4	19.8
5 11	14 29.26	−10 39.0	2.107	3.100	4.1	19.9
5 21	14 21.43	−10 23.3	2.129	3.082	7.6	20.1
5 31	14 14.94	−10 15.5	2.177	3.064	10.9	20.3
6 10	14 10.29	−10 17.6	2.247	3.046	13.7	20.5
234549 2001 VX_{95}			5 1.9 192°.18	3°.9/27.8 18		
4 1	14 56.79	− 3 12.3	2.653	3.528	9.0	20.9
4 11	14 51.43	− 2 20.5	2.587	3.527	6.6	20.7
4 21	14 44.85	− 1 30.6	2.548	3.525	4.5	20.6
5 1	14 37.60	− 0 46.5	2.538	3.523	4.1	20.5
5 11	14 30.35	− 0 12.1	2.556	3.520	5.8	20.6
5 21	14 23.69	+ 0 10.3	2.601	3.517	8.2	20.8
5 31	14 18.18	+ 0 19.0	2.672	3.514	10.6	20.9
6 10	14 14.18	+ 0 14.1	2.763	3.510	12.7	21.1
371684 2007 DT_{36}			5 1.9 134°.60	4°.9/ 5.3 17		
4 1	15 5.18	−29 19.8	2.005	2.829	13.7	21.8
4 11	14 57.93	−29 50.3	1.936	2.838	10.7	21.6
4 21	14 48.55	−30 4.4	1.890	2.847	7.6	21.4
5 1	14 37.92	−30 0.5	1.871	2.856	5.2	21.3
5 11	14 27.22	−29 40.3	1.879	2.864	5.5	21.3
5 21	14 17.54	−29 8.0	1.914	2.872	8.0	21.5
5 31	14 9.80	−28 29.4	1.974	2.879	11.0	21.7
6 10	14 4.57	−27 51.0	2.057	2.887	13.8	21.9
297654 2001 TN_{235}			5 1.9 187°.14	4°.1/29.1 17		
4 1	15 2.86	− 7 3.4	1.694	2.576	12.9	21.3
4 11	14 56.27	− 6 8.7	1.630	2.576	9.2	21.0
4 21	14 47.63	− 5 12.8	1.590	2.576	5.6	20.8
5 1	14 37.85	− 4 21.6	1.578	2.575	4.2	20.7
5 11	14 28.04	− 3 41.1	1.592	2.573	6.9	20.9
5 21	14 19.26	− 3 15.5	1.633	2.570	10.7	21.1
5 31	14 12.38	− 3 7.5	1.697	2.567	14.3	21.3
6 10	14 7.92	− 3 17.4	1.779	2.563	17.4	21.5
299413 2005 YD_{84}			5 1.9 236°.42	4°.5/28.8 17		
4 1	15 3.17	− 6 25.3	1.689	2.571	12.9	21.2
4 11	14 56.66	− 5 27.2	1.611	2.557	9.3	21.0
4 21	14 47.95	− 4 27.3	1.557	2.541	5.8	20.7
5 1	14 37.89	− 3 31.8	1.530	2.525	4.6	20.6
5 11	14 27.61	− 2 47.2	1.530	2.508	7.4	20.8
5 21	14 18.23	− 2 18.5	1.556	2.490	11.4	20.9
5 31	14 10.74	− 2 8.9	1.605	2.472	15.2	21.1
6 10	14 5.74	− 2 18.8	1.673	2.452	18.5	21.3
261985 2006 QH_{24}			5 1.9 315°.50	1°.0/ 2.4 17		
4 1	15 0.29	−18 5.0	1.278	2.165	15.9	20.2
4 11	14 55.36	−18 5.3	1.198	2.146	11.6	19.9
4 21	14 47.57	−17 53.3	1.139	2.128	6.5	19.5
5 1	14 37.88	−17 30.8	1.104	2.111	1.3	19.1
5 11	14 27.74	−17 2.0	1.093	2.094	5.1	19.3
5 21	14 18.67	−16 33.1	1.105	2.077	10.7	19.6
5 31	14 11.99	−16 10.8	1.139	2.062	15.8	19.8
6 10	14 8.52	−16 0.4	1.191	2.047	20.1	20.0
210707 2000 SD_{159}			5 1.9 85°.35	2°.0/30.5 18		
4 1	15 2.16	−13 31.2	1.435	2.321	14.5	20.0
4 11	14 55.83	−12 33.2	1.390	2.340	10.1	19.8
4 21	14 47.36	−11 27.9	1.369	2.359	5.3	19.6
5 1	14 37.83	−10 21.4	1.373	2.378	2.0	19.4
5 11	14 28.55	− 9 21.1	1.404	2.397	5.7	19.7
5 21	14 20.61	− 8 33.1	1.460	2.416	10.2	20.0
5 31	14 14.86	− 8 1.5	1.538	2.434	14.1	20.3
6 10	14 11.72	− 7 47.9	1.636	2.452	17.4	20.5
126754 2002 DT_{6}			5 1.9 293°.95	3°.3/28.9 16		
4 1	14 55.89	− 7 25.3	2.223	3.107	10.2	20.3
4 11	14 51.07	− 6 32.6	2.149	3.097	7.3	20.0
4 21	14 44.77	− 5 38.3	2.101	3.087	4.4	19.8
5 1	14 37.63	− 4 47.1	2.080	3.077	3.4	19.8
5 11	14 30.42	− 4 3.6	2.087	3.067	5.6	19.9
5 21	14 23.86	− 3 31.5	2.121	3.057	8.7	20.1
5 31	14 18.62	− 3 13.3	2.179	3.047	11.7	20.2
6 10	14 15.15	− 3 10.1	2.257	3.037	14.3	20.4

306615 2000 QK_{14} 5 1.9 246°.68 0°.2/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 58.01	−16 5.7	2.606	3.470	9.6	21.3
4 11	14 52.47	−15 40.9	2.515	3.454	6.8	21.1
4 21	14 45.51	−15 9.5	2.450	3.438	3.6	20.9
5 1	14 37.70	−14 33.8	2.414	3.421	0.3	20.6
5 11	14 29.75	−13 56.9	2.407	3.404	3.2	20.8
5 21	14 22.37	−13 22.1	2.429	3.387	6.6	21.0
5 31	14 16.17	−12 52.9	2.478	3.369	9.6	21.1
6 10	14 11.63	−12 31.9	2.549	3.351	12.2	21.3

504540 2008 SZ_{94} 5 1.9 224°.08 0°.5/ 2.4 17

4 1	14 59.29	−19 4.6	2.149	3.011	11.4	22.2
4 11	14 53.58	−18 33.7	2.067	3.004	8.2	21.9
4 21	14 46.16	−17 52.4	2.011	2.997	4.5	21.7
5 1	14 37.76	−17 3.4	1.982	2.989	0.8	21.4
5 11	14 29.26	−16 10.6	1.982	2.981	3.5	21.6
5 21	14 21.53	−15 19.1	2.010	2.972	7.3	21.8
5 31	14 15.30	−14 33.5	2.063	2.964	10.8	22.0
6 10	14 11.08	−13 57.8	2.139	2.954	13.8	22.2

479111 2013 AH_{169} 5 1.9 83°.47 1°.3/30.6 17

4 1	14 55.92	−13 44.1	2.319	3.195	10.1	21.3
4 11	14 51.00	−12 53.8	2.251	3.197	7.1	21.1
4 21	14 44.69	−11 57.7	2.208	3.198	3.7	20.9
5 1	14 37.64	−10 59.7	2.194	3.200	1.3	20.7
5 11	14 30.58	−10 4.2	2.208	3.201	4.0	20.9
5 21	14 24.23	− 9 15.5	2.251	3.203	7.3	21.1
5 31	14 19.19	− 8 37.1	2.318	3.204	10.4	21.3
6 10	14 15.85	− 8 11.1	2.407	3.206	13.0	21.5

185372 2006 VG_{129} 5 1.9 63°.38 4°.3/ 6.4 18

4 1	14 57.97	−32 8.1	2.233	3.049	12.7	19.6
4 11	14 52.62	−31 38.6	2.157	3.054	10.0	19.4
4 21	14 45.61	−30 50.0	2.105	3.059	7.1	19.3
5 1	14 37.71	−29 43.2	2.080	3.065	4.8	19.1
5 11	14 29.87	−28 22.2	2.082	3.070	4.7	19.1
5 21	14 22.93	−26 53.0	2.112	3.076	6.9	19.3
5 31	14 17.60	−25 22.5	2.168	3.082	9.7	19.5
6 10	14 14.31	−23 57.5	2.248	3.087	12.4	19.6

253847 2003 YH_{132} 5 1.9 137°.95 0°.3/ 2.1 17

4 1	15 3.64	−17 13.2	1.780	2.648	13.1	21.0
4 11	14 56.79	−17 3.5	1.717	2.657	9.3	20.8
4 21	14 47.91	−16 44.9	1.679	2.666	5.1	20.6
5 1	14 37.91	−16 19.6	1.667	2.674	0.6	20.3
5 11	14 27.93	−15 51.4	1.683	2.682	4.0	20.5
5 21	14 19.01	−15 24.8	1.726	2.689	8.3	20.8
5 31	14 12.01	−15 4.2	1.794	2.696	12.1	21.1
6 10	14 7.44	−14 53.0	1.883	2.702	15.3	21.3

29434 1997 HZ_{13} 5 1.9 188°.35 0°.7/ 1.5 18

4 1	15 3.85	−15 10.9	1.515	2.394	14.4	20.0
4 11	14 57.28	−14 47.2	1.448	2.394	10.2	19.8
4 21	14 48.31	−14 14.6	1.403	2.393	5.4	19.5
5 1	14 37.95	−13 36.5	1.385	2.392	0.8	19.1
5 11	14 27.50	−12 58.3	1.393	2.391	5.0	19.4
5 21	14 18.22	−12 25.6	1.427	2.389	9.8	19.7
5 31	14 11.10	−12 3.3	1.485	2.387	14.1	20.0
6 10	14 6.75	−11 54.6	1.561	2.384	17.7	20.2

53919 2000 GX_{18} 5 1.9 305°.03 0°.2/ 1.8 18

4 1	14 57.71	−16 46.4	1.889	2.764	12.1	19.7
4 11	14 52.67	−16 17.2	1.809	2.753	8.6	19.5
4 21	14 45.76	−15 38.8	1.753	2.743	4.6	19.2
5 1	14 37.74	−14 54.1	1.724	2.732	0.4	18.8
5 11	14 29.59	−14 7.8	1.723	2.721	4.0	19.1
5 21	14 22.24	−13 24.8	1.748	2.711	8.2	19.4
5 31	14 16.51	−12 50.1	1.798	2.701	12.0	19.6
6 10	14 12.95	−12 26.9	1.868	2.691	15.2	19.7

30304 2000 HZ_{103} 5 1.9 68°.74 9°.0/25.0 18

4 1	14 59.05	+ 4 20.8	1.541	2.426	13.8	18.7
4 11	14 53.55	+ 5 57.6	1.504	2.436	11.0	18.5
4 21	14 46.14	+ 7 22.6	1.490	2.447	9.2	18.4
5 1	14 37.76	+ 8 26.8	1.501	2.458	9.4	18.5
5 11	14 29.55	+ 9 4.2	1.536	2.468	11.4	18.6
5 21	14 22.47	+ 9 12.8	1.593	2.479	14.1	18.8
5 31	14 17.29	+ 8 53.7	1.670	2.490	16.8	19.0
6 10	14 14.45	+ 8 10.8	1.763	2.501	19.1	19.2

162775 2000 XG_{6} 5 1.9 232°.19 4°.2/ 4.5 18

4 1	15 4.59	−26 39.6	1.734	2.576	14.6	19.9
4 11	14 57.91	−26 54.5	1.649	2.567	11.2	19.6
4 21	14 48.75	−26 52.4	1.588	2.557	7.5	19.4
5 1	14 38.00	−26 32.3	1.551	2.547	4.5	19.2
5 11	14 26.96	−25 56.4	1.542	2.536	5.2	19.2
5 21	14 16.91	−25 10.0	1.559	2.525	8.8	19.4
5 31	14 8.96	−24 20.1	1.601	2.513	12.7	19.6
6 10	14 3.80	−23 34.0	1.663	2.501	16.2	19.8

341655 2007 VG_{59} 5 1.9 154°.68 2°.2/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 58.29	−24 25.0	2.247	3.094	11.5	21.2
4 11	14 52.80	−23 59.8	2.172	3.097	8.6	21.0
4 21	14 45.71	−23 21.2	2.122	3.099	5.3	20.8
5 1	14 37.74	−22 31.1	2.099	3.101	2.4	20.6
5 11	14 29.75	−21 33.2	2.105	3.103	3.4	20.7
5 21	14 22.57	−20 32.4	2.138	3.104	6.7	20.9
5 31	14 16.89	−19 34.0	2.197	3.106	9.9	21.1
6 10	14 13.14	−18 42.8	2.280	3.108	12.7	21.3

466146 2012 HU_{38} 5 1.9 253°.76 4°.7/29.3 18

4 1	15 7.46	− 1 2.6	2.113	2.976	11.5	20.6
4 11	14 59.44	− 0 59.4	2.023	2.956	8.6	20.4
4 21	14 49.39	− 1 2.2	1.959	2.934	5.8	20.2
5 1	14 38.06	− 1 14.4	1.924	2.912	4.8	20.0
5 11	14 26.44	− 1 38.7	1.919	2.890	6.8	20.1
5 21	14 15.52	− 2 16.1	1.942	2.866	10.0	20.3
5 31	14 6.21	− 3 6.8	1.991	2.842	13.3	20.4
6 10	13 59.12	− 4 9.5	2.061	2.818	16.2	20.6

393892 2005 TH_{105} 5 1.9 237°.12 0°.1/ 2.0 18

4 1	14 59.04	−16 18.0	2.842	3.701	9.0	21.3
4 11	14 53.11	−16 11.8	2.751	3.687	6.4	21.1
4 21	14 45.84	−16 0.3	2.686	3.673	3.5	20.9
5 1	14 37.76	−15 44.9	2.651	3.658	0.3	20.6
5 11	14 29.53	−15 27.6	2.645	3.643	2.9	20.8
5 21	14 21.82	−15 11.1	2.669	3.627	6.0	21.0
5 31	14 15.22	−14 57.9	2.719	3.611	8.8	21.2
6 10	14 10.18	−14 50.5	2.794	3.594	11.3	21.3

43649 2002 EE_{87} 5 1.9 1°.17 3°.5/29.5 18

4 1	14 58.35	−11 20.7	1.287	2.186	15.0	18.5
4 11	14 53.54	−10 4.6	1.229	2.185	10.5	18.2
4 21	14 46.34	− 8 40.7	1.193	2.185	5.9	17.9
5 1	14 37.80	− 7 17.4	1.182	2.185	3.6	17.8
5 11	14 29.24	− 6 3.9	1.196	2.185	7.2	18.0
5 21	14 21.92	− 5 7.9	1.233	2.186	11.9	18.3
5 31	14 16.82	− 4 34.3	1.291	2.187	16.2	18.5
6 10	14 14.48	− 4 24.1	1.367	2.189	19.8	18.8

247844 2003 SZ_{318} 5 1.9 154°.68 1°.2/ 2.8 16

4 1	15 3.35	−20 14.8	1.864	2.724	13.0	21.5
4 11	14 56.56	−19 57.1	1.797	2.731	9.4	21.3
4 21	14 47.79	−19 27.5	1.754	2.738	5.3	21.0
5 1	14 37.92	−18 48.2	1.738	2.744	1.4	20.8
5 11	14 28.06	−18 3.5	1.751	2.750	3.8	21.0
5 21	14 19.23	−17 18.4	1.791	2.755	7.9	21.2
5 31	14 12.27	−16 38.5	1.856	2.760	11.7	21.5
6 10	14 7.69	−16 7.9	1.943	2.763	14.8	21.7

498825 2008 VP_{23} 5 1.9 173°.42 1°.8/30.4 17

4 1	14 59.17	−11 20.2	2.130	3.007	10.9	21.8
4 11	14 53.39	−10 48.0	2.062	3.008	7.6	21.6
4 21	14 46.03	−10 12.1	2.020	3.009	4.1	21.4
5 1	14 37.78	− 9 36.0	2.006	3.010	1.9	21.2
5 11	14 29.51	− 9 3.8	2.020	3.011	4.5	21.4
5 21	14 22.03	− 8 39.0	2.061	3.011	8.0	21.6
5 31	14 16.02	− 8 24.5	2.127	3.011	11.3	21.8
6 10	14 11.94	− 8 21.8	2.215	3.011	14.0	22.0

353558 2011 SX_{221} 5 1.9 186°.79 0°.3/ 1.6 18

4 1	14 57.74	−15 34.4	2.802	3.665	9.0	22.4
4 11	14 52.13	−15 11.5	2.725	3.664	6.4	22.2
4 21	14 45.27	−14 43.3	2.675	3.663	3.4	22.0
5 1	14 37.72	−14 11.8	2.655	3.662	0.4	21.7
5 11	14 30.14	−13 39.8	2.664	3.660	3.0	22.0
5 21	14 23.14	−13 10.4	2.702	3.658	6.0	22.1
5 31	14 17.28	−12 46.2	2.766	3.655	8.8	22.3
6 10	14 12.94	−12 29.6	2.854	3.652	11.1	22.5

340448 2006 GA_{36} 5 1.9 296°.13 0°.7/ 2.4 17

4 1	14 59.97	−18 20.5	1.837	2.707	12.6	20.9
4 11	14 54.31	−18 12.0	1.761	2.702	9.1	20.7
4 21	14 46.67	−17 53.9	1.710	2.697	5.1	20.4
5 1	14 37.84	−17 27.9	1.685	2.692	1.0	20.1
5 11	14 28.89	−16 57.9	1.687	2.686	3.9	20.3
5 21	14 20.81	−16 28.2	1.716	2.681	8.1	20.6
5 31	14 14.48	−16 3.4	1.769	2.676	11.9	20.8
6 10	14 10.46	−15 47.4	1.843	2.672	15.2	21.0

93813 2000 WB_{60} 5 1.9 242°.01 3°.6/ 5.1 18

4 1	15 0.66	−28 38.3	2.203	3.031	12.4	19.8
4 11	14 54.69	−28 20.2	2.109	3.017	9.6	19.5
4 21	14 46.85	−27 44.9	2.038	3.003	6.5	19.3
5 1	14 37.86	−26 52.7	1.994	2.988	4.0	19.1
5 11	14 28.71	−25 46.9	1.979	2.972	4.3	19.1
5 21	14 20.35	−24 32.7	1.991	2.956	7.2	19.3
5 31	14 13.60	−23 16.8	2.030	2.939	10.5	19.4
6 10	14 9.02	−22 5.8	2.091	2.922	13.6	19.6

342373 2008 UR_9 5 1.9 306.°49 2.°6/29.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 56.59	−13 18.4	1.669	2.558	12.7	20.9
4 11	14 51.99	−11 50.5	1.595	2.547	8.9	20.6
4 21	14 45.43	−10 12.4	1.545	2.536	4.8	20.4
5 1	14 37.75	− 8 31.0	1.523	2.526	2.6	20.2
5 11	14 29.98	− 6 54.9	1.527	2.516	6.0	20.4
5 21	14 23.12	− 5 31.9	1.557	2.506	10.2	20.6
5 31	14 18.00	− 4 27.9	1.611	2.497	14.1	20.8
6 10	14 15.17	− 3 45.7	1.683	2.488	17.4	21.0

138724 2000 SZ_{164} 5 1.9 107.°86 0.°3/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.82	−18 13.6	1.456	2.336	14.8	19.8
4 11	14 55.10	−17 16.3	1.395	2.342	10.5	19.5
4 21	14 47.11	−16 5.1	1.358	2.347	5.6	19.3
5 1	14 37.88	−14 45.2	1.346	2.353	0.5	18.9
5 11	14 28.72	−13 24.5	1.360	2.359	4.8	19.2
5 21	14 20.80	−12 11.3	1.400	2.364	9.7	19.5
5 31	14 15.04	−11 12.2	1.463	2.370	14.0	19.8
6 10	14 11.94	−10 31.2	1.546	2.375	17.6	20.0

437726 2014 DS_{120} 5 1.9 89.°92 4.°9/27.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.80	− 1 35.5	2.175	3.055	10.5	20.8
4 11	14 52.30	− 0 45.8	2.124	3.065	7.8	20.6
4 21	14 45.38	− 0 0.3	2.099	3.074	5.5	20.5
5 1	14 37.74	+ 0 36.2	2.102	3.084	5.1	20.5
5 11	14 30.16	+ 0 59.8	2.131	3.093	6.9	20.6
5 21	14 23.38	+ 1 8.3	2.187	3.102	9.5	20.8
5 31	14 18.00	+ 1 1.0	2.266	3.112	12.1	21.0
6 10	14 14.41	+ 0 38.5	2.365	3.121	14.3	21.2

377349 2004 RK_{34} 5 1.9 265.°92 1.°8/30.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.79	−12 23.4	1.847	2.727	12.1	20.9
4 11	14 54.17	−11 48.1	1.766	2.713	8.6	20.7
4 21	14 46.61	−11 6.9	1.709	2.699	4.6	20.4
5 1	14 37.85	−10 23.7	1.680	2.686	1.8	20.2
5 11	14 28.92	− 9 43.5	1.678	2.671	5.0	20.4
5 21	14 20.80	− 9 10.9	1.703	2.657	9.1	20.6
5 31	14 14.35	− 8 50.0	1.752	2.643	12.9	20.8
6 10	14 10.14	− 8 43.0	1.820	2.628	16.2	21.0

271793 2004 TQ_{50} 5 1.9 255.°79 1.°9/ 3.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.40	−20 53.5	2.002	2.858	12.4	20.2
4 11	14 56.06	−21 3.0	1.913	2.844	9.1	20.0
4 21	14 47.65	−21 2.1	1.849	2.830	5.4	19.7
5 1	14 37.95	−20 51.4	1.812	2.816	2.1	19.5
5 11	14 27.97	−20 32.9	1.802	2.801	3.9	19.6
5 21	14 18.75	−20 10.4	1.821	2.786	7.8	19.8
5 31	14 11.20	−19 48.4	1.864	2.770	11.5	20.0
6 10	14 5.97	−19 31.6	1.930	2.755	14.7	20.2

214703 2006 SW_{343} 5 1.9 110.°14 0.°5/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.91	−16 38.6	2.354	3.223	10.3	20.5
4 11	14 51.66	−15 48.8	2.291	3.232	7.2	20.3
4 21	14 45.04	−14 51.4	2.253	3.242	3.8	20.1
5 1	14 37.71	−13 49.9	2.244	3.251	0.5	19.8
5 11	14 30.44	−12 48.9	2.264	3.260	3.5	20.1
5 21	14 23.93	−11 52.8	2.312	3.269	6.9	20.3
5 31	14 18.74	−11 5.5	2.386	3.278	9.9	20.5
6 10	14 15.28	−10 29.7	2.482	3.286	12.5	20.7

201225 2002 QA_{101} 5 1.9 338.°62 3.°3/ 4.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.23	−25 56.5	1.725	2.579	14.1	19.5
4 11	14 53.26	−25 44.1	1.648	2.574	10.7	19.3
4 21	14 46.16	−25 14.0	1.594	2.569	6.9	19.1
5 1	14 37.82	−24 27.3	1.565	2.565	3.7	18.9
5 11	14 29.36	−23 28.2	1.563	2.561	4.5	18.9
5 21	14 21.88	−22 22.9	1.586	2.557	8.2	19.1
5 31	14 16.29	−21 18.8	1.634	2.553	12.0	19.3
6 10	14 13.18	−20 22.5	1.702	2.550	15.4	19.5

83240 2001 RG_{52} 5 1.9 132.°86 3.°7/ 5.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.81	−29 15.2	2.419	3.241	11.6	20.2
4 11	14 53.83	−29 11.0	2.346	3.249	9.0	20.0
4 21	14 46.26	−28 52.0	2.298	3.257	6.3	19.9
5 1	14 37.82	−28 18.3	2.276	3.265	4.1	19.7
5 11	14 29.38	−27 32.9	2.283	3.272	4.2	19.7
5 21	14 21.76	−26 39.8	2.317	3.279	6.5	19.9
5 31	14 15.63	−25 44.3	2.378	3.286	9.3	20.1
6 10	14 11.45	−24 51.6	2.462	3.293	11.8	20.3

96794 1999 RP_{120} 5 1.9 268.°33 7.°1/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.97	−36 6.6	2.117	2.908	14.2	19.6
4 11	14 57.48	−36 39.1	2.014	2.885	11.8	19.3
4 21	14 48.57	−36 51.7	1.933	2.861	9.4	19.1
5 1	14 38.04	−36 41.2	1.877	2.838	7.5	19.0
5 11	14 27.05	−36 7.5	1.846	2.813	7.3	18.9
5 21	14 16.83	−35 14.1	1.842	2.789	9.1	19.0
5 31	14 8.49	−34 7.5	1.863	2.763	11.8	19.1
6 10	14 2.78	−32 56.2	1.905	2.738	14.6	19.2

436649 2011 QX_{98} 5 1.9 280.°49 1.°0/30.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 56.63	−16 27.2	2.092	2.966	11.2	21.6
4 11	14 51.76	−15 15.7	2.006	2.950	7.9	21.3
4 21	14 45.23	−13 53.3	1.945	2.935	4.2	21.1
5 1	14 37.74	−12 24.5	1.912	2.919	1.0	20.8
5 11	14 30.14	−10 55.6	1.909	2.903	4.3	21.0
5 21	14 23.27	− 9 33.0	1.933	2.887	8.1	21.2
5 31	14 17.84	− 8 22.5	1.982	2.872	11.7	21.4
6 10	14 14.35	− 7 27.8	2.052	2.856	14.7	21.6

474780 2005 QN_{132} 5 1.9 273.°79 3.°3/ 4.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.70	−25 56.7	2.403	3.237	11.3	21.2
4 11	14 54.70	−26 12.1	2.302	3.216	8.7	20.9
4 21	14 46.88	−26 15.5	2.226	3.194	5.8	20.7
5 1	14 37.89	−26 6.6	2.177	3.172	3.5	20.5
5 11	14 28.61	−25 46.6	2.157	3.150	4.1	20.5
5 21	14 19.91	−25 18.6	2.165	3.127	6.9	20.7
5 31	14 12.62	−24 47.0	2.198	3.104	10.0	20.8
6 10	14 7.33	−24 16.6	2.255	3.081	12.8	21.0

349342 2007 VV_{87} 5 1.9 14.°10 2.°4/ 3.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.56	−21 9.1	2.039	2.892	12.3	20.1
4 11	14 56.77	−21 44.5	1.964	2.892	9.1	19.9
4 21	14 47.98	−22 10.7	1.914	2.893	5.6	19.7
5 1	14 37.98	−22 27.1	1.891	2.893	2.6	19.5
5 11	14 27.81	−22 34.9	1.897	2.894	4.0	19.6
5 21	14 18.48	−22 36.6	1.930	2.894	7.5	19.8
5 31	14 10.86	−22 35.9	1.989	2.895	10.9	20.0
6 10	14 5.53	−22 36.8	2.070	2.896	13.9	20.2

51984 2001 SS_{115} 5 1.9 239.°44 0.°5/ 2.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 52.03	−18 30.4	4.502	5.354	6.1	19.5
4 11	14 47.83	−18 24.0	4.418	5.350	4.3	19.4
4 21	14 42.89	−18 13.6	4.362	5.346	2.4	19.2
5 1	14 37.55	−17 59.9	4.336	5.342	0.6	19.0
5 11	14 32.17	−17 44.5	4.339	5.338	1.8	19.1
5 21	14 27.10	−17 28.9	4.372	5.334	3.8	19.3
5 31	14 22.68	−17 14.6	4.433	5.329	5.6	19.4
6 10	14 19.18	−17 3.2	4.519	5.325	7.2	19.5

390624 2002 AG_{183} 5 1.9 111.°59 10.°5/20.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.17	+24 7.4	2.679	3.467	11.6	20.7
4 11	14 53.71	+25 4.3	2.660	3.482	10.8	20.7
4 21	14 46.03	+25 41.4	2.663	3.498	10.5	20.7
5 1	14 37.80	+25 54.5	2.689	3.513	10.8	20.8
5 11	14 29.76	+25 42.2	2.738	3.527	11.6	20.8
5 21	14 22.55	+25 5.4	2.808	3.542	12.7	20.9
5 31	14 16.69	+24 6.8	2.896	3.556	13.8	21.1
6 10	14 12.51	+22 50.2	3.000	3.570	14.7	21.2

72012 Terute 5 1.9 129.°31 3.°5/ 4.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.86	−25 17.7	1.600	2.452	15.1	19.4
4 11	14 57.30	−25 20.3	1.534	2.459	11.4	19.2
4 21	14 48.34	−25 5.4	1.490	2.465	7.3	19.0
5 1	14 38.02	−24 33.5	1.472	2.471	3.9	18.8
5 11	14 27.65	−23 48.5	1.480	2.477	4.9	18.8
5 21	14 18.51	−22 56.5	1.515	2.483	8.7	19.1
5 31	14 11.59	−22 5.0	1.573	2.488	12.7	19.3
6 10	14 7.45	−21 20.5	1.652	2.493	16.1	19.5

303804 2005 SD_{45} 5 1.9 245.°56 0.°7/ 2.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.41	−19 17.5	2.484	3.344	10.1	21.3
4 11	14 52.11	−18 56.5	2.400	3.335	7.3	21.1
4 21	14 45.36	−18 26.7	2.342	3.327	4.1	20.9
5 1	14 37.77	−17 50.3	2.312	3.319	0.9	20.7
5 11	14 30.09	−17 10.2	2.311	3.310	3.1	20.8
5 21	14 23.04	−16 30.2	2.338	3.301	6.4	21.0
5 31	14 17.26	−15 54.2	2.392	3.293	9.5	21.2
6 10	14 13.21	−15 25.5	2.468	3.284	12.2	21.4

7275 1983 CY_2 5 1.9 143.°77 4.°2/ 5.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.46	−29 32.1	2.322	3.144	12.1	17.2
4 11	14 54.42	−29 41.5	2.246	3.148	9.4	17.1
4 21	14 46.64	−29 35.7	2.194	3.151	6.7	16.9
5 1	14 37.88	−29 14.5	2.168	3.155	4.5	16.8
5 11	14 29.05	−28 40.1	2.171	3.158	4.6	16.8
5 21	14 21.04	−27 56.4	2.201	3.161	6.9	16.9
5 31	14 14.59	−27 8.6	2.256	3.164	9.7	17.1
6 10	14 10.20	−26 22.2	2.335	3.167	12.3	17.3

126232 2002 AK_{56} 5 1.9 339.°62 8.°7/ 8.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.11	−38 8.2	1.647	2.448	17.1	19.5
4 11	14 55.73	−38 33.7	1.570	2.444	14.4	19.3
4 21	14 47.67	−38 32.2	1.512	2.440	11.6	19.1
5 1	14 37.97	−38 0.3	1.476	2.436	9.3	19.0
5 11	14 28.09	−36 59.7	1.464	2.432	8.7	19.0
5 21	14 19.43	−35 36.5	1.476	2.429	10.3	19.0
5 31	14 13.15	−34 0.5	1.512	2.427	13.1	19.2
6 10	14 9.90	−32 22.8	1.568	2.424	16.1	19.4

436913 2012 TD_{88} 5 1.9 157.°10 0.°0/ 1.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 58.71	−17 18.1	2.183	3.050	11.0	21.8
4 11	14 53.10	−16 51.7	2.113	3.053	7.8	21.6
4 21	14 45.90	−16 17.1	2.067	3.055	4.2	21.4
5 1	14 37.83	−15 37.0	2.050	3.057	0.4	21.1
5 11	14 29.74	−14 55.3	2.061	3.059	3.5	21.3
5 21	14 22.43	−14 16.2	2.100	3.061	7.2	21.6
5 31	14 16.59	−13 43.5	2.164	3.063	10.5	21.8
6 10	14 12.67	−13 20.3	2.250	3.064	13.3	22.0

135147 2001 QS_{217} 5 1.9 171.°90 1.°2/30.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.97	−13 37.2	2.086	2.958	11.3	20.5
4 11	14 54.71	−13 1.6	2.018	2.961	7.9	20.3
4 21	14 46.77	−12 20.1	1.975	2.964	4.2	20.1
5 1	14 37.90	−11 36.2	1.960	2.966	1.2	19.9
5 11	14 29.03	−10 54.2	1.974	2.968	4.2	20.1
5 21	14 21.00	−10 18.4	2.015	2.969	8.0	20.3
5 31	14 14.54	− 9 52.3	2.082	2.969	11.3	20.6
6 10	14 10.11	− 9 38.1	2.171	2.969	14.2	20.8

102136 1999 RO_{182} 5 1.9 48.°74 4.°3/ 4.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.11	−25 42.9	1.422	2.281	16.3	18.8
4 11	14 57.04	−25 58.9	1.358	2.285	12.4	18.6
4 21	14 48.32	−25 56.0	1.316	2.290	8.1	18.4
5 1	14 38.04	−25 34.1	1.297	2.295	4.6	18.2
5 11	14 27.68	−24 56.6	1.304	2.300	5.5	18.2
5 21	14 18.63	−24 9.9	1.336	2.306	9.4	18.5
5 31	14 12.00	−23 22.0	1.390	2.311	13.6	18.7
6 10	14 8.41	−22 40.4	1.464	2.317	17.2	19.0

158900 2004 QT_{7} 5 1.9 185.°29 1.°9/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.31	−13 22.1	2.091	2.968	11.1	20.4
4 11	14 52.82	−12 8.6	2.022	2.968	7.7	20.1
4 21	14 45.75	−10 47.9	1.978	2.967	4.1	19.9
5 1	14 37.82	− 9 25.2	1.963	2.967	1.9	19.8
5 11	14 29.90	− 8 6.5	1.976	2.966	4.8	19.9
5 21	14 22.78	− 6 57.6	2.018	2.964	8.4	20.2
5 31	14 17.16	− 6 2.8	2.084	2.963	11.7	20.4
6 10	14 13.46	− 5 24.4	2.171	2.961	14.5	20.6

100471 1996 TK_{29} 5 1.9 63.°59 0.°0/ 1.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.90	−17 24.5	1.350	2.233	15.5	19.7
4 11	14 55.94	−16 56.7	1.299	2.246	11.0	19.5
4 21	14 47.59	−16 17.2	1.270	2.260	5.9	19.3
5 1	14 37.98	−15 30.0	1.266	2.273	0.5	18.9
5 11	14 28.49	−14 41.5	1.287	2.287	4.8	19.3
5 21	14 20.38	−13 58.2	1.334	2.301	9.8	19.6
5 31	14 14.59	−13 25.9	1.402	2.315	14.1	19.9
6 10	14 11.62	−13 8.1	1.490	2.329	17.7	20.1

161281 2003 GH_{14} 5 1.9 80.°27 4.°9/27.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.68	− 1 56.3	2.205	3.086	10.3	19.7
4 11	14 51.55	− 0 57.6	2.150	3.091	7.7	19.6
4 21	14 45.02	− 0 2.5	2.121	3.096	5.4	19.4
5 1	14 37.76	+ 0 44.0	2.120	3.101	5.1	19.4
5 11	14 30.53	+ 1 17.7	2.145	3.106	6.9	19.5
5 21	14 24.05	+ 1 35.8	2.197	3.111	9.5	19.7
5 31	14 18.92	+ 1 37.4	2.272	3.116	12.1	19.9
6 10	14 15.53	+ 1 22.8	2.367	3.121	14.4	20.1

498014 2007 EC_{191} 5 1.9 135.°02 7.°6/ 5.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.92	−33 9.8	1.869	2.672	15.3	21.0
4 11	15 1.85	−34 32.1	1.794	2.675	12.5	20.9
4 21	14 50.98	−35 36.4	1.742	2.678	9.8	20.7
5 1	14 38.30	−36 17.6	1.716	2.680	7.8	20.6
5 11	14 25.18	−36 34.3	1.717	2.683	7.9	20.6
5 21	14 13.10	−36 29.1	1.744	2.685	9.9	20.7
5 31	14 3.30	−36 8.4	1.795	2.687	12.6	20.9
6 10	13 56.56	−35 40.4	1.867	2.690	15.3	21.0

87532 2000 QX_{201} 5 1.9 159.°43 2.°3/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.07	− 8 48.0	2.737	3.611	8.8	20.1
4 11	14 51.63	− 8 7.9	2.672	3.616	6.2	19.9
4 21	14 45.01	− 7 26.4	2.634	3.621	3.6	19.7
5 1	14 37.76	− 6 46.7	2.626	3.626	2.3	19.7
5 11	14 30.53	− 6 12.2	2.646	3.630	4.3	19.8
5 21	14 23.91	− 5 45.5	2.695	3.634	7.0	20.0
5 31	14 18.42	− 5 28.8	2.770	3.637	9.5	20.1
6 10	14 14.41	− 5 22.9	2.867	3.640	11.7	20.3

230043 2000 QO_{249} 5 1.9 188.°68 3.°2/ 4.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.83	−27 49.1	2.500	3.323	11.3	21.7
4 11	14 55.27	−27 40.2	2.416	3.323	8.7	21.5
4 21	14 47.07	−27 17.1	2.357	3.321	5.8	21.3
5 1	14 37.94	−26 40.3	2.326	3.319	3.5	21.2
5 11	14 28.75	−25 52.4	2.323	3.316	3.9	21.2
5 21	14 20.31	−24 57.6	2.350	3.312	6.5	21.3
5 31	14 13.35	−24 1.0	2.403	3.307	9.3	21.5
6 10	14 8.33	−23 7.7	2.481	3.302	12.0	21.7

321932 2010 TQ_{99} 5 1.9 107.°86 1.°2/ 2.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 4.55	−19 14.6	1.714	2.578	13.7	21.4
4 11	14 57.49	−19 14.6	1.657	2.594	9.9	21.2
4 21	14 48.33	−19 3.8	1.624	2.609	5.6	21.0
5 1	14 38.05	−18 43.9	1.617	2.623	1.5	20.7
5 11	14 27.84	−18 18.4	1.638	2.638	4.0	20.9
5 21	14 18.80	−17 52.1	1.686	2.652	8.3	21.2
5 31	14 11.80	−17 29.7	1.759	2.665	12.1	21.5
6 10	14 7.33	−17 15.3	1.853	2.678	15.2	21.7

368728 2005 UG_{77} 5 1.9 176.°69 0.°7/ 2.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.92	−19 37.3	2.563	3.414	10.1	23.1
4 11	14 54.47	−19 8.6	2.486	3.417	7.3	22.9
4 21	14 46.58	−18 30.9	2.436	3.420	4.1	22.7
5 1	14 37.91	−17 46.3	2.414	3.421	0.9	22.4
5 11	14 29.23	−16 58.1	2.423	3.422	3.0	22.6
5 21	14 21.27	−16 10.4	2.462	3.422	6.3	22.8
5 31	14 14.64	−15 27.2	2.527	3.421	9.3	23.0
6 10	14 9.78	−14 51.7	2.615	3.419	11.9	23.2

201619 2003 SR_{247} 5 1.9 220.°44 1.°1/ 1.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.05	−13 56.4	2.307	3.178	10.4	21.0
4 11	14 53.32	−13 20.6	2.227	3.170	7.3	20.8
4 21	14 46.04	−12 38.8	2.172	3.162	3.9	20.5
5 1	14 37.87	−11 54.2	2.146	3.153	1.1	20.3
5 11	14 29.61	−11 10.8	2.150	3.144	3.9	20.5
5 21	14 22.04	−10 32.5	2.181	3.134	7.4	20.7
5 31	14 15.83	−10 2.9	2.237	3.124	10.7	20.9
6 10	14 11.45	− 9 44.3	2.316	3.114	13.4	21.1

160964 2002 AY_{201} 5 1.9 187.°93 0.°7/ 1.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.25	−16 13.8	1.665	2.540	13.5	20.6
4 11	14 56.00	−15 29.5	1.595	2.540	9.5	20.4
4 21	14 47.61	−14 34.7	1.550	2.539	5.1	20.1
5 1	14 38.01	−13 33.7	1.531	2.538	0.7	19.8
5 11	14 28.36	−12 32.5	1.539	2.536	4.7	20.1
5 21	14 19.76	−11 37.6	1.574	2.534	9.2	20.3
5 31	14 13.13	−10 54.4	1.633	2.531	13.3	20.6
6 10	14 9.00	−10 26.4	1.712	2.528	16.7	20.8

187478 2006 CY_{29} 5 1.9 302.°11 0.°6/ 1.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 51.05	−13 46.5	4.194	5.061	6.2	20.4
4 11	14 47.18	−13 21.7	4.117	5.058	4.3	20.3
4 21	14 42.58	−12 54.1	4.067	5.056	2.3	20.1
5 1	14 37.57	−12 25.3	4.047	5.054	0.6	20.0
5 11	14 32.55	−11 57.2	4.057	5.051	2.2	20.1
5 21	14 27.87	−11 31.7	4.096	5.049	4.3	20.3
5 31	14 23.86	−11 10.4	4.162	5.047	6.2	20.4
6 10	14 20.78	−10 54.8	4.253	5.044	7.9	20.5

163727 2003 JV_{2} 5 1.9 342.°14 5.°7/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.42	− 4 45.5	1.232	2.131	15.5	19.5
4 11	14 55.87	− 4 0.7	1.174	2.127	11.3	19.3
4 21	14 47.71	− 3 18.3	1.138	2.124	7.2	19.0
5 1	14 38.03	− 2 45.8	1.125	2.121	5.8	19.0
5 11	14 28.26	− 2 29.7	1.137	2.118	8.8	19.1
5 21	14 19.77	− 2 34.1	1.171	2.116	13.2	19.3
5 31	14 13.66	− 3 0.0	1.225	2.114	17.4	19.6
6 10	14 10.53	− 3 46.0	1.296	2.113	21.0	19.8

309765 2008 YN_{54} 5 1.9 23.°14 5.°0/29.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.37	− 5 31.9	1.284	2.179	15.2	20.4
4 11	14 56.42	− 4 56.0	1.229	2.181	11.0	20.1
4 21	14 47.95	− 4 22.2	1.197	2.184	6.8	19.9
5 1	14 38.06	− 3 56.8	1.189	2.186	5.1	19.8
5 11	14 28.18	− 3 45.7	1.205	2.189	8.1	20.0
5 21	14 19.60	− 3 52.3	1.245	2.192	12.4	20.2
5 31	14 13.35	− 4 17.7	1.306	2.195	16.5	20.5
6 10	14 10.02	− 5 0.7	1.384	2.199	20.0	20.7

403243 2008 WY_{31} 5 1.9 66.°90 1.°7/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.77	−20 59.4	1.295	2.172	16.4	21.0
4 11	14 56.78	−20 44.2	1.239	2.181	11.9	20.8
4 21	14 48.16	−20 12.7	1.204	2.190	6.9	20.5
5 1	14 38.08	−19 27.6	1.194	2.200	2.1	20.2
5 11	14 28.06	−18 35.1	1.209	2.210	4.8	20.4
5 21	14 19.48	−17 42.6	1.248	2.220	9.8	20.8
5 31	14 13.39	−16 57.6	1.310	2.230	14.4	21.0
6 10	14 10.33	−16 25.5	1.391	2.240	18.2	21.3

27709 Orenburg 5 1.9 123.°13 3.°9/ 5.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.50	−29 18.7	2.282	3.107	12.1	18.1
4 11	14 53.73	−29 11.9	2.208	3.113	9.4	17.9
4 21	14 46.29	−28 49.2	2.158	3.119	6.5	17.7
5 1	14 37.93	−28 11.0	2.135	3.125	4.2	17.6
5 11	14 29.55	−27 20.5	2.139	3.130	4.4	17.6
5 21	14 22.02	−26 22.1	2.171	3.135	6.8	17.8
5 31	14 16.05	−25 21.6	2.230	3.140	9.7	18.0
6 10	14 12.11	−24 24.6	2.311	3.145	12.3	18.1

502232 2015 BX_{89} 5 1.9 122°.53 3°.3/29.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 0.94	− 7 17.3	2.040	2.918	11.2	21.9
4 11	14 54.59	− 6 33.5	1.987	2.932	7.9	21.7
4 21	14 46.67	− 5 49.4	1.961	2.946	4.7	21.5
5 1	14 37.96	− 5 9.6	1.963	2.960	3.4	21.5
5 11	14 29.35	− 4 38.3	1.992	2.973	5.7	21.6
5 21	14 21.65	− 4 18.7	2.049	2.986	8.9	21.8
5 31	14 15.53	− 4 12.6	2.130	2.998	11.9	22.0
6 10	14 11.40	− 4 20.3	2.232	3.010	14.5	22.3

87326 2000 QV_{13} 5 1.9 305°.16 5°.6/27.9 18

4 1	14 58.68	− 3 52.3	1.578	2.471	13.1	19.6
4 11	14 53.56	− 2 48.3	1.512	2.460	9.6	19.4
4 21	14 46.37	− 1 45.8	1.468	2.450	6.5	19.2
5 1	14 37.94	− 0 51.9	1.451	2.440	5.8	19.1
5 11	14 29.40	− 0 13.2	1.458	2.430	8.4	19.2
5 21	14 21.80	+ 0 5.8	1.490	2.421	12.0	19.4
5 31	14 16.05	+ 0 3.1	1.543	2.411	15.6	19.6
6 10	14 12.71	− 0 20.6	1.614	2.402	18.7	19.8

306869 2001 SH_{288} 5 1.9 297°.58 6°.0/28.8 18

4 1	15 3.47	− 4 37.2	1.279	2.173	15.4	20.8
4 11	14 57.83	− 3 50.0	1.187	2.137	11.4	20.4
4 21	14 49.13	− 3 2.3	1.116	2.101	7.5	20.1
5 1	14 38.22	− 2 22.0	1.070	2.064	6.2	19.9
5 11	14 26.50	− 1 57.3	1.047	2.028	9.6	20.0
5 21	14 15.57	− 1 54.5	1.048	1.991	14.6	20.1
5 31	14 6.91	− 2 17.1	1.068	1.954	19.7	20.3
6 10	14 1.52	− 3 4.9	1.104	1.917	24.1	20.5

146873 2002 AN_{208} 5 1.9 136°.40 1°.8/30.4 18

4 1	14 58.75	− 9 56.3	2.427	3.301	9.8	20.0
4 11	14 52.98	− 9 39.2	2.361	3.305	6.9	19.8
4 21	14 45.81	− 9 20.4	2.321	3.309	3.8	19.6
5 1	14 37.89	− 9 2.6	2.309	3.313	1.9	19.4
5 11	14 29.96	− 8 48.6	2.327	3.317	4.1	19.6
5 21	14 22.72	− 8 40.9	2.372	3.320	7.2	19.8
5 31	14 16.77	− 8 41.4	2.443	3.324	10.1	20.0
6 10	14 12.53	− 8 51.2	2.536	3.327	12.6	20.2

497403 2005 WT_5 5 1.9 131°.11 4°.6/ 6.4 17

4 1	15 0.91	−32 37.4	1.868	2.688	14.7	20.8
4 11	14 54.98	−31 48.5	1.793	2.693	11.5	20.6
4 21	14 47.02	−30 35.2	1.740	2.697	8.1	20.4
5 1	14 37.99	−28 59.0	1.713	2.701	5.2	20.3
5 11	14 29.07	−27 5.9	1.713	2.705	5.0	20.3
5 21	14 21.29	−25 4.5	1.742	2.709	7.8	20.4
5 31	14 15.49	−23 4.7	1.797	2.713	11.3	20.6
6 10	14 12.12	−21 15.1	1.875	2.717	14.4	20.8

239253 2006 UH_{269} 5 1.9 317°.31 0°.0/ 1.9 17

4 1	14 57.30	−16 57.5	2.033	2.906	11.5	21.0
4 11	14 52.29	−16 30.1	1.956	2.899	8.2	20.7
4 21	14 45.58	−15 54.2	1.904	2.893	4.4	20.5
5 1	14 37.88	−15 12.5	1.879	2.886	0.4	20.2
5 11	14 30.09	−14 29.3	1.882	2.880	3.7	20.4
5 21	14 23.06	−13 49.0	1.911	2.874	7.6	20.6
5 31	14 17.54	−13 16.0	1.966	2.869	11.2	20.8
6 10	14 14.03	−12 53.4	2.042	2.863	14.2	21.0

17429 1989 GD_1 5 1.9 347°.82 2°.9/ 3.4 18

4 1	15 0.97	−21 50.3	1.171	2.054	17.4	18.5
4 11	14 55.96	−22 1.0	1.106	2.049	12.9	18.2
4 21	14 47.96	−21 54.6	1.060	2.045	7.8	17.9
5 1	14 38.10	−21 31.7	1.037	2.041	3.2	17.6
5 11	14 27.99	−20 56.6	1.038	2.039	5.4	17.8
5 21	14 19.25	−20 16.5	1.061	2.036	10.6	18.0
5 31	14 13.16	−19 39.6	1.106	2.035	15.5	18.3
6 10	14 10.45	−19 12.7	1.168	2.035	19.8	18.6

202602 2006 HL_{23} 5 1.9 329°.57 1°.7/30.8 17

4 1	14 59.01	−12 26.7	1.823	2.705	12.1	20.3
4 11	14 53.58	−11 56.3	1.754	2.703	8.5	20.1
4 21	14 46.29	−11 20.8	1.710	2.700	4.6	19.8
5 1	14 37.94	−10 44.0	1.693	2.698	1.7	19.6
5 11	14 29.53	−10 10.4	1.703	2.697	4.8	19.8
5 21	14 22.00	− 9 44.3	1.739	2.695	8.8	20.1
5 31	14 16.16	− 9 29.3	1.799	2.693	12.5	20.3
6 10	14 12.50	− 9 27.1	1.879	2.692	15.5	20.5

268050 2004 QZ_{24} 5 1.9 284°.72 2°.4/ 2.8 18

4 1	15 9.17	−18 44.2	1.740	2.597	13.9	19.6
4 11	15 1.39	−19 44.9	1.646	2.578	10.3	19.3
4 21	14 50.85	−20 40.1	1.577	2.558	6.2	19.0
5 1	14 38.37	−21 27.5	1.535	2.538	2.6	18.7
5 11	14 25.24	−22 6.1	1.521	2.518	4.7	18.8
5 21	14 12.85	−22 36.8	1.536	2.499	9.2	19.0
5 31	14 2.47	−23 3.0	1.576	2.479	13.4	19.2
6 10	13 54.99	−23 28.8	1.637	2.459	17.1	19.4

178686 2000 ST_{10} 5 1.9 82°.01 4°.9/ 5.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 3.53	−30 41.8	2.354	3.165	12.3	20.0
4 11	14 56.56	−31 17.1	2.292	3.184	9.7	19.9
4 21	14 47.81	−31 37.2	2.255	3.204	7.1	19.7
5 1	14 38.08	−31 41.1	2.245	3.223	5.1	19.6
5 11	14 28.34	−31 30.0	2.263	3.242	5.2	19.7
5 21	14 19.50	−31 7.2	2.308	3.261	7.1	19.8
5 31	14 12.32	−30 37.5	2.379	3.280	9.5	20.0
6 10	14 7.30	−30 6.3	2.473	3.299	11.9	20.2

472946 2015 GD_{29} 5 1.9 299°.34 2°.4/ 3.3 16

4 1	15 1.82	−21 9.6	1.811	2.672	13.2	21.1
4 11	14 55.97	−21 30.0	1.717	2.649	9.8	20.8
4 21	14 47.81	−21 39.9	1.645	2.627	6.0	20.5
5 1	14 38.10	−21 39.0	1.600	2.604	2.6	20.3
5 11	14 27.95	−21 29.1	1.582	2.581	4.3	20.3
5 21	14 18.52	−21 13.6	1.591	2.558	8.5	20.5
5 31	14 10.89	−20 57.4	1.624	2.536	12.5	20.7
6 10	14 5.79	−20 45.6	1.677	2.514	16.1	20.9

405067 2001 TM_{183} 5 1.9 288°.87 2°.1/30.5 16

4 1	14 59.91	−14 58.9	1.331	2.222	15.1	21.3
4 11	14 55.04	−13 46.7	1.244	2.197	10.8	21.0
4 21	14 47.45	−12 18.6	1.179	2.171	5.8	20.6
5 1	14 38.07	−10 41.1	1.139	2.145	2.1	20.3
5 11	14 28.25	− 9 3.9	1.124	2.119	6.5	20.5
5 21	14 19.41	− 7 37.4	1.133	2.092	12.1	20.7
5 31	14 12.79	− 6 30.5	1.164	2.066	17.2	20.9
6 10	14 9.18	− 5 48.3	1.212	2.040	21.6	21.1

410433 2008 BY_{30} 5 1.9 125°.59 0°.8/ 1.4 18

4 1	15 2.50	−15 15.5	1.779	2.653	12.8	21.4
4 11	14 55.95	−14 40.8	1.722	2.665	9.0	21.2
4 21	14 47.51	−13 58.3	1.688	2.678	4.8	21.0
5 1	14 38.07	−13 11.8	1.683	2.690	0.8	20.7
5 11	14 28.71	−12 26.3	1.705	2.701	4.4	21.0
5 21	14 20.43	−11 46.8	1.753	2.712	8.6	21.3
5 31	14 14.01	−11 17.6	1.827	2.722	12.2	21.5
6 10	14 9.92	−11 1.1	1.921	2.732	15.3	21.7

172557 2003 UC_{116} 5 1.9 111°.87 3°.6/ 4.2 17

4 1	15 4.78	−24 53.8	1.593	2.445	15.2	20.3
4 11	14 57.99	−25 7.0	1.529	2.454	11.4	20.1
4 21	14 48.78	−25 3.5	1.489	2.463	7.3	19.9
5 1	14 38.19	−24 43.5	1.473	2.472	3.9	19.7
5 11	14 27.57	−24 10.2	1.484	2.481	4.9	19.7
5 21	14 18.18	−23 29.3	1.522	2.489	8.7	20.0
5 31	14 11.05	−22 47.7	1.583	2.497	12.6	20.2
6 10	14 6.74	−22 11.8	1.664	2.505	16.0	20.5

381578 2008 UQ_{189} 5 1.9 176°.04 1°.3/ 2.9 17

4 1	15 1.57	−19 45.8	2.049	2.908	12.0	20.8
4 11	14 55.31	−19 44.8	1.975	2.909	8.7	20.6
4 21	14 47.21	−19 34.0	1.926	2.910	5.0	20.4
5 1	14 38.05	−19 14.9	1.905	2.911	1.5	20.1
5 11	14 28.81	−18 50.3	1.912	2.911	3.6	20.3
5 21	14 20.42	−18 24.1	1.946	2.911	7.4	20.5
5 31	14 13.66	−18 0.5	2.006	2.911	10.9	20.7
6 10	14 9.07	−17 43.4	2.088	2.910	13.9	20.9

176420 2001 VX_{18} 5 1.9 196°.50 0°.0/ 1.9 17

4 1	14 58.75	−16 38.7	2.546	3.408	9.8	20.9
4 11	14 53.02	−16 22.6	2.468	3.406	7.0	20.7
4 21	14 45.88	−16 0.1	2.417	3.404	3.8	20.5
5 1	14 37.94	−15 33.2	2.394	3.401	0.3	20.2
5 11	14 29.94	−15 4.7	2.400	3.398	3.1	20.5
5 21	14 22.58	−14 37.8	2.435	3.395	6.4	20.7
5 31	14 16.48	−14 15.6	2.496	3.391	9.4	20.9
6 10	14 12.07	−14 0.8	2.580	3.387	12.0	21.0

209102 2003 SZ_{69} 5 1.9 295°.45 4°.6/ 4.0 17

4 1	15 4.29	−24 39.0	1.411	2.272	16.3	20.2
4 11	14 58.45	−25 15.9	1.318	2.247	12.6	19.9
4 21	14 49.49	−25 37.6	1.245	2.221	8.4	19.6
5 1	14 38.29	−25 41.4	1.196	2.195	4.9	19.3
5 11	14 26.32	−25 27.8	1.173	2.169	6.0	19.3
5 21	14 15.23	−25 1.0	1.173	2.143	10.5	19.5
5 31	14 6.52	−24 28.5	1.196	2.117	15.3	19.7
6 10	14 1.21	−23 58.8	1.238	2.091	19.7	19.9

365121 2009 CH_{63} 5 1.9 48°.75 1°.7/ 2.8 18

4 1	15 4.28	−18 57.7	1.248	2.129	16.6	20.5
4 11	14 57.94	−19 12.8	1.196	2.140	12.0	20.3
4 21	14 48.85	−19 15.4	1.164	2.151	6.8	20.0
5 1	14 38.21	−19 6.6	1.157	2.163	2.0	19.7
5 11	14 27.60	−18 50.2	1.175	2.175	4.9	20.0
5 21	14 18.48	−18 31.9	1.216	2.188	10.0	20.3
5 31	14 11.96	−18 17.6	1.280	2.200	14.6	20.6
6 10	14 8.61	−18 12.1	1.363	2.213	18.4	20.8

308399 2005 SZ_{55} 5 1.9 236°.16 4°.0/26.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 55.88	− 5 10.7	2.614	3.492	9.0	20.6
4 11	14 50.93	− 3 35.0	2.540	3.483	6.6	20.4
4 21	14 44.74	− 1 58.0	2.495	3.473	4.5	20.3
5 1	14 37.86	− 0 25.4	2.479	3.463	4.2	20.2
5 11	14 30.93	+ 0 57.5	2.493	3.453	6.1	20.4
5 21	14 24.58	+ 2 6.1	2.534	3.442	8.7	20.5
5 31	14 19.35	+ 2 57.9	2.600	3.431	11.2	20.6
6 10	14 15.63	+ 3 31.9	2.687	3.420	13.3	20.8

410294 2007 TP_{275} 5 1.9 232°.94 3°.7/29.2 14 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.22	− 9 6.6	1.694	2.579	12.8	22.1
4 11	14 55.31	− 7 57.9	1.620	2.568	9.1	21.8
4 21	14 47.32	− 6 44.3	1.570	2.558	5.3	21.6
5 1	14 38.09	− 5 32.3	1.547	2.546	3.8	21.4
5 11	14 28.73	− 4 29.0	1.551	2.534	6.7	21.6
5 21	14 20.28	− 3 40.2	1.581	2.522	10.8	21.8
5 31	14 13.67	− 3 10.1	1.634	2.509	14.6	22.0
6 10	14 9.45	− 3 0.0	1.706	2.495	17.8	22.2

329597 2003 CT_{25} 5 1.9 112°.93 3°.2/30.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 4.56	− 6 42.6	1.842	2.719	12.3	20.2
4 11	14 57.31	− 6 31.2	1.789	2.732	8.8	20.0
4 21	14 48.22	− 6 21.1	1.760	2.746	5.1	19.8
5 1	14 38.16	− 6 15.4	1.759	2.759	3.2	19.7
5 11	14 28.19	− 6 17.3	1.786	2.771	5.7	19.9
5 21	14 19.28	− 6 28.8	1.840	2.783	9.3	20.2
5 31	14 12.19	− 6 51.2	1.918	2.795	12.6	20.4
6 10	14 7.38	− 7 24.4	2.017	2.807	15.4	20.6

89208 2001 UR_{103} 5 1.9 101°.55 1°.1/ 1.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.08	−13 4.9	2.215	3.088	10.7	19.9
4 11	14 53.33	−12 46.0	2.152	3.096	7.5	19.8
4 21	14 46.07	−12 22.9	2.114	3.103	4.0	19.5
5 1	14 37.98	−11 58.2	2.104	3.110	1.1	19.3
5 11	14 29.90	−11 35.2	2.122	3.117	3.9	19.6
5 21	14 22.60	−11 17.2	2.168	3.124	7.3	19.8
5 31	14 16.73	−11 6.7	2.240	3.131	10.5	20.0
6 10	14 12.73	−11 5.6	2.333	3.138	13.1	20.2

267339 2001 VE_{55} 5 1.9 120°.30 1°.8/ 3.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.06	−20 31.8	1.962	2.815	12.7	21.2
4 11	14 57.76	−20 47.1	1.899	2.829	9.2	21.0
4 21	14 48.52	−20 52.3	1.861	2.842	5.4	20.8
5 1	14 38.20	−20 47.7	1.851	2.855	2.1	20.6
5 11	14 27.88	−20 35.8	1.869	2.868	3.8	20.7
5 21	14 18.58	−20 20.1	1.915	2.880	7.5	20.9
5 31	14 11.11	−20 5.1	1.987	2.891	11.0	21.2
6 10	14 6.00	−19 54.6	2.081	2.902	13.9	21.4

103915 2000 DZ_{60} 5 1.9 106°.95 1°.5/ 3.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.63	−20 58.7	2.092	2.949	11.9	19.9
4 11	14 54.56	−20 51.9	2.027	2.958	8.6	19.7
4 21	14 46.77	−20 34.6	1.986	2.968	5.0	19.5
5 1	14 38.05	−20 8.3	1.973	2.978	1.8	19.3
5 11	14 29.33	−19 36.1	1.988	2.987	3.5	19.4
5 21	14 21.50	−19 2.3	2.031	2.997	7.0	19.6
5 31	14 15.29	−18 31.3	2.099	3.006	10.4	19.9
6 10	14 11.15	−18 6.8	2.190	3.015	13.2	20.1

70780 1999 VD_{43} 5 1.9 143°.48 1°.6/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.89	−12 16.4	1.995	2.872	11.5	19.6
4 11	14 54.05	−11 48.6	1.929	2.875	8.1	19.4
4 21	14 46.51	−11 16.3	1.888	2.878	4.3	19.2
5 1	14 38.02	−10 42.9	1.875	2.881	1.6	19.0
5 11	14 29.52	−10 12.7	1.890	2.884	4.5	19.2
5 21	14 21.88	− 9 49.2	1.932	2.886	8.2	19.4
5 31	14 15.81	− 9 35.6	1.999	2.889	11.6	19.6
6 10	14 11.79	− 9 33.7	2.086	2.891	14.5	19.8

66872 1999 VH_{50} 5 1.9 124°.72 0°.3/ 2.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.38	−16 26.8	1.992	2.859	12.0	17.8
4 11	14 55.87	−16 31.4	1.925	2.864	8.5	17.6
4 21	14 47.51	−16 29.1	1.882	2.869	4.6	17.4
5 1	14 38.12	−16 21.5	1.867	2.874	0.6	17.1
5 11	14 28.67	−16 11.2	1.880	2.879	3.7	17.3
5 21	14 20.12	−16 1.5	1.921	2.884	7.6	17.6
5 31	14 13.25	−15 55.7	1.987	2.889	11.1	17.8
6 10	14 8.56	−15 56.6	2.075	2.893	14.1	18.0

138813 2000 TO_{56} 5 1.9 170°.11 3°.6/ 5.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.32	−28 53.1	2.555	3.377	11.1	20.7
4 11	14 53.53	−28 52.0	2.476	3.379	8.6	20.5
4 21	14 46.20	−28 37.0	2.421	3.380	6.0	20.3
5 1	14 38.00	−28 8.4	2.393	3.382	3.9	20.2
5 11	14 29.75	−27 28.4	2.393	3.383	4.1	20.2
5 21	14 22.22	−26 40.9	2.422	3.384	6.3	20.4
5 31	14 16.08	−25 50.6	2.477	3.385	9.0	20.5
6 10	14 11.79	−25 2.3	2.556	3.385	11.4	20.7

348260 2004 TL_{173} 5 1.9 141°.85 2°.2/ 4.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 59.82	−25 23.0	2.123	2.967	12.2	20.2
4 11	14 53.96	−24 37.2	2.052	2.974	9.1	20.0
4 21	14 46.43	−23 35.7	2.005	2.981	5.6	19.8
5 1	14 38.02	−22 21.1	1.986	2.988	2.5	19.6
5 11	14 29.67	−20 58.4	1.995	2.994	3.5	19.7
5 21	14 22.25	−19 34.1	2.033	3.000	7.0	19.9
5 31	14 16.44	−18 14.5	2.098	3.006	10.3	20.2
6 10	14 12.70	−17 5.0	2.185	3.011	13.2	20.4

119648 2001 XV_{41} 5 1.9 14°.16 2°.8/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 4.15	− 7 47.4	1.421	2.309	14.5	18.0
4 11	14 57.61	− 8 3.7	1.362	2.312	10.3	17.8
4 21	14 48.62	− 8 21.8	1.326	2.315	5.8	17.5
5 1	14 38.22	− 8 44.1	1.315	2.319	2.8	17.3
5 11	14 27.76	− 9 13.0	1.330	2.323	6.0	17.5
5 21	14 18.50	− 9 49.8	1.370	2.328	10.5	17.8
5 31	14 11.48	−10 35.5	1.433	2.334	14.6	18.0
6 10	14 7.28	−11 30.1	1.516	2.340	18.1	18.3

279153 2009 SR_{73} 5 1.9 191°.59 0°.1/ 1.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.91	−17 2.1	2.047	2.914	11.7	22.2
4 11	14 54.81	−16 31.1	1.972	2.912	8.3	22.0
4 21	14 46.94	−15 51.2	1.923	2.911	4.5	21.7
5 1	14 38.07	−15 5.4	1.901	2.909	0.4	21.4
5 11	14 29.15	−14 17.9	1.908	2.906	3.8	21.7
5 21	14 21.06	−13 33.5	1.943	2.903	7.7	21.9
5 31	14 14.57	−12 56.8	2.003	2.899	11.3	22.1
6 10	14 10.18	−12 30.8	2.084	2.895	14.3	22.3

419570 2010 RY_{48} 5 1.9 204°.86 0°.7/ 1.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.97	−15 27.3	1.862	2.734	12.4	22.4
4 11	14 55.71	−14 51.9	1.787	2.730	8.8	22.1
4 21	14 47.49	−14 7.9	1.737	2.726	4.7	21.9
5 1	14 38.13	−13 18.9	1.714	2.721	0.8	21.6
5 11	14 28.67	−12 29.8	1.719	2.715	4.4	21.8
5 21	14 20.12	−11 45.8	1.751	2.709	8.6	22.1
5 31	14 13.31	−11 11.6	1.807	2.702	12.4	22.3
6 10	14 8.81	−10 50.4	1.885	2.695	15.6	22.5

200707 2001 UC_{138} 5 1.9 117°.87 1°.8/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.18	−13 38.8	1.519	2.401	14.1	21.2
4 11	14 56.64	−12 46.4	1.466	2.414	9.9	21.0
4 21	14 47.96	−11 46.3	1.437	2.428	5.3	20.7
5 1	14 38.16	−10 44.1	1.434	2.440	1.8	20.5
5 11	14 28.50	− 9 46.7	1.458	2.452	5.5	20.8
5 21	14 20.09	− 8 59.9	1.508	2.464	9.9	21.1
5 31	14 13.80	− 8 28.2	1.581	2.475	13.9	21.4
6 10	14 10.11	− 8 13.5	1.674	2.486	17.2	21.6

522865 2016 NE_{88} 5 1.9 182°.19 1°.7/30.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.99	−11 21.0	2.449	3.323	9.8	22.1
4 11	14 52.48	−10 48.4	2.379	3.323	6.8	21.9
4 21	14 45.60	−10 12.6	2.335	3.323	3.7	21.7
5 1	14 37.96	− 9 36.6	2.319	3.323	1.7	21.5
5 11	14 30.29	− 9 3.9	2.332	3.323	4.1	21.7
5 21	14 23.28	− 8 37.7	2.374	3.322	7.2	21.9
5 31	14 17.54	− 8 20.6	2.440	3.321	10.1	22.1
6 10	14 13.48	− 8 14.1	2.529	3.320	12.6	22.3

147851 2005 UY_{76} 5 1.9 322°.97 7°.7/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.79	+ 8 1.7	2.129	2.989	11.5	18.9
4 11	14 54.59	+ 8 29.1	2.067	2.982	9.4	18.8
4 21	14 46.77	+ 8 44.2	2.030	2.976	7.9	18.7
5 1	14 38.06	+ 8 42.3	2.019	2.969	7.9	18.6
5 11	14 29.33	+ 8 20.7	2.035	2.963	9.3	18.7
5 21	14 21.39	+ 7 38.8	2.075	2.957	11.5	18.8
5 31	14 14.95	+ 6 38.0	2.138	2.951	13.8	19.0
6 10	14 10.45	+ 5 21.5	2.220	2.945	16.0	19.1

288654 2004 PR_{52} 5 1.9 297°.95 0°.1/ 1.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.98	−16 6.7	2.197	3.065	10.9	21.2
4 11	14 53.60	−15 53.9	2.093	3.034	7.8	21.0
4 21	14 46.42	−15 34.0	2.015	3.003	4.3	20.7
5 1	14 38.05	−15 8.8	1.964	2.972	0.4	20.3
5 11	14 29.36	−14 41.4	1.942	2.941	3.7	20.5
5 21	14 21.21	−14 15.4	1.948	2.909	7.6	20.7
5 31	14 14.43	−13 54.9	1.978	2.877	11.3	20.9
6 10	14 9.62	−13 43.1	2.030	2.846	14.5	21.0

130002 1999 VR_{35} 5 1.9 172°.48 1°.2/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.43	−12 28.8	2.580	3.446	9.6	20.8
4 11	14 54.13	−12 6.2	2.509	3.450	6.7	20.6
4 21	14 46.46	−11 40.0	2.465	3.453	3.6	20.4
5 1	14 38.05	−11 12.6	2.450	3.455	1.2	20.2
5 11	14 29.61	−10 47.0	2.464	3.457	3.6	20.4
5 21	14 21.85	−10 26.0	2.508	3.458	6.8	20.6
5 31	14 15.36	−10 12.2	2.578	3.459	9.6	20.8
6 10	14 10.55	−10 7.3	2.671	3.459	12.1	21.0

102965 1999 XH_{67} 5 1.9 169°.08 0°.0/ 1.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 2.17	−17 36.3	1.942	2.808	12.3	21.4
4 11	14 55.73	−17 2.7	1.873	2.812	8.7	21.2
4 21	14 47.45	−16 19.3	1.828	2.815	4.7	21.0
5 1	14 38.14	−15 29.3	1.811	2.818	0.4	20.6
5 11	14 28.82	−14 37.2	1.822	2.821	3.9	20.9
5 21	14 20.44	−13 48.5	1.861	2.822	8.0	21.2
5 31	14 13.79	−13 7.7	1.926	2.823	11.6	21.4
6 10	14 9.36	−12 38.6	2.011	2.824	14.7	21.6

279747 1998 QA_{58} 5 1.9 221°.81 1°.4/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.80	−13 20.9	2.178	3.052	10.8	21.5
4 11	14 53.25	−12 41.3	2.102	3.047	7.6	21.3
4 21	14 46.10	−11 55.8	2.051	3.041	4.0	21.0
5 1	14 38.04	−11 8.0	2.028	3.034	1.4	20.8
5 11	14 29.90	−10 22.3	2.034	3.028	4.2	21.0
5 21	14 22.49	− 9 42.9	2.067	3.021	7.8	21.2
5 31	14 16.50	− 9 13.4	2.126	3.013	11.1	21.4
6 10	14 12.42	− 8 56.1	2.206	3.006	13.9	21.6

57560 2001 TB_{47} 5 1.9 113°.38 0°.3/ 1.7 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.28	−15 58.2	2.396	3.263	10.2	19.6
4 11	14 52.68	−15 30.3	2.334	3.274	7.2	19.4
4 21	14 45.70	−14 56.1	2.297	3.285	3.8	19.2
5 1	14 38.00	−14 18.3	2.289	3.296	0.4	19.0
5 11	14 30.33	−13 40.4	2.310	3.307	3.3	19.2
5 21	14 23.41	−13 5.9	2.358	3.317	6.6	19.5
5 31	14 17.82	−12 38.1	2.433	3.327	9.6	19.7
6 10	14 13.96	−12 19.3	2.530	3.337	12.2	19.9

270348 2001 XZ_{262} 5 1.9 71°.68 5°.6/ 6.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.08	−32 22.6	1.763	2.587	15.2	20.4
4 11	14 55.36	−32 16.4	1.690	2.590	12.1	20.2
4 21	14 47.39	−31 47.4	1.639	2.593	8.8	20.0
5 1	14 38.15	−30 55.5	1.612	2.596	6.1	19.9
5 11	14 28.88	−29 44.2	1.612	2.599	5.9	19.9
5 21	14 20.74	−28 20.6	1.637	2.602	8.5	20.0
5 31	14 14.68	−26 53.4	1.687	2.605	11.8	20.2
6 10	14 11.23	−25 31.0	1.759	2.608	14.9	20.4

433459 2013 UE_{12} 5 1.9 199°.36 0°.8/ 2.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.72	−18 19.7	2.443	3.294	10.6	21.6
4 11	14 56.66	−18 24.7	2.359	3.290	7.6	21.4
4 21	14 47.93	−18 22.5	2.302	3.285	4.3	21.2
5 1	14 38.21	−18 14.0	2.273	3.280	1.0	20.9
5 11	14 28.34	−18 1.1	2.275	3.273	3.2	21.1
5 21	14 19.16	−17 46.8	2.306	3.266	6.7	21.3
5 31	14 11.40	−17 34.3	2.364	3.259	9.9	21.5
6 10	14 5.57	−17 26.6	2.445	3.250	12.6	21.6

35787 1999 JY_{22} 5 1.9 284°.39 0°.0/ 2.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.91	−16 40.5	1.713	2.588	13.2	18.8
4 11	14 55.16	−16 27.6	1.639	2.583	9.4	18.6
4 21	14 47.29	−16 5.9	1.588	2.577	5.1	18.3
5 1	14 38.15	−15 37.6	1.564	2.571	0.5	17.9
5 11	14 28.87	−15 7.0	1.567	2.566	4.2	18.2
5 21	14 20.52	−14 38.8	1.596	2.560	8.7	18.4
5 31	14 14.03	−14 17.5	1.648	2.555	12.7	18.7
6 10	14 9.98	−14 6.8	1.722	2.550	16.1	18.9

82580 2001 OZ_{86} 5 1.9 24°.24 4°.8/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.19	− 3 20.0	2.082	2.966	10.8	18.7
4 11	14 52.08	− 2 18.1	2.022	2.966	7.9	18.5
4 21	14 45.44	− 1 18.3	1.988	2.966	5.4	18.4
5 1	14 37.98	− 0 26.2	1.981	2.966	4.9	18.4
5 11	14 30.52	+ 0 13.5	2.000	2.966	6.9	18.5
5 21	14 23.82	+ 0 37.4	2.046	2.966	9.8	18.7
5 31	14 18.54	+ 0 44.1	2.115	2.966	12.6	18.8
6 10	14 15.11	+ 0 33.7	2.203	2.967	15.0	19.0

139619 2001 QD_{141} 5 1.9 171°.50 3°.1/ 5.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.85	−28 41.2	2.746	3.567	10.5	20.3
4 11	14 53.08	−28 22.1	2.666	3.569	8.1	20.2
4 21	14 45.93	−27 49.3	2.610	3.572	5.5	20.0
5 1	14 38.02	−27 3.8	2.582	3.574	3.4	19.9
5 11	14 30.11	−26 8.3	2.584	3.576	3.6	19.9
5 21	14 22.89	−25 6.9	2.614	3.577	5.8	20.0
5 31	14 16.96	−24 4.4	2.671	3.578	8.4	20.2
6 10	14 12.75	−23 5.4	2.753	3.578	10.8	20.3

162160 1999 CR_{141} 5 1.9 50°.60 5°.1/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.40	−27 27.3	1.232	2.094	18.1	19.4
4 11	14 57.53	−27 40.3	1.177	2.104	13.9	19.2
4 21	14 48.73	−27 30.0	1.142	2.115	9.3	18.9
5 1	14 38.28	−26 56.2	1.130	2.126	5.6	18.8
5 11	14 27.86	−26 3.4	1.142	2.138	6.2	18.8
5 21	14 19.02	−25 0.2	1.177	2.149	10.1	19.1
5 31	14 12.92	−23 56.6	1.234	2.162	14.4	19.3
6 10	14 10.14	−23 1.2	1.311	2.174	18.2	19.6

258485 2002 AT_{39} 5 1.9 37°.98 10°.5/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 57.39	+13 59.4	1.920	2.774	12.9	19.3
4 11	14 52.20	+15 16.5	1.893	2.787	11.3	19.2
4 21	14 45.46	+16 15.1	1.888	2.800	10.5	19.2
5 1	14 37.98	+16 49.0	1.907	2.813	10.9	19.2
5 11	14 30.65	+16 55.0	1.949	2.827	12.2	19.3
5 21	14 24.27	+16 33.3	2.012	2.841	13.9	19.5
5 31	14 19.47	+15 46.3	2.094	2.856	15.7	19.6
6 10	14 16.61	+14 38.4	2.193	2.871	17.3	19.8

499520 2010 PQ_{64} 5 1.9 279°.55 3°.0/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.54	−11 23.2	1.498	2.386	13.9	21.8
4 11	14 55.21	−10 24.9	1.415	2.366	9.9	21.5
4 21	14 47.46	− 9 18.4	1.356	2.346	5.5	21.2
5 1	14 38.18	− 8 9.8	1.322	2.325	3.0	20.9
5 11	14 28.59	− 7 6.7	1.314	2.304	6.6	21.1
5 21	14 19.92	− 6 16.2	1.331	2.283	11.3	21.3
5 31	14 13.24	− 5 43.8	1.371	2.262	15.8	21.5
6 10	14 9.27	− 5 32.0	1.428	2.241	19.6	21.7

173990 2001 XG_{170} 5 1.9 189°.63 0°.9/ 1.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.00	−13 49.2	2.404	3.275	10.0	20.9
4 11	14 52.55	−13 22.4	2.332	3.275	7.0	20.7
4 21	14 45.68	−12 50.7	2.285	3.274	3.7	20.5
5 1	14 38.01	−12 16.7	2.267	3.273	0.9	20.3
5 11	14 30.31	−11 43.9	2.277	3.272	3.6	20.5
5 21	14 23.28	−11 15.7	2.316	3.271	7.0	20.7
5 31	14 17.54	−10 55.0	2.380	3.270	10.0	20.9
6 10	14 13.53	−10 43.9	2.466	3.268	12.6	21.1

377456 2004 VX_{73} 5 1.9 144°.43 1°.6/30.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.53	−11 47.5	2.254	3.126	10.6	21.5
4 11	14 54.32	−11 16.7	2.192	3.136	7.4	21.3
4 21	14 46.61	−10 42.2	2.156	3.145	4.0	21.1
5 1	14 38.10	−10 7.4	2.148	3.153	1.6	21.0
5 11	14 29.63	− 9 35.8	2.170	3.161	4.2	21.2
5 21	14 21.96	− 9 10.9	2.219	3.169	7.6	21.4
5 31	14 15.73	− 8 55.3	2.294	3.176	10.6	21.6
6 10	14 11.36	− 8 50.5	2.390	3.182	13.2	21.8

501682 2014 TG_{48} 5 1.9 110°.89 1°.8/ 2.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 4.31	−20 7.8	1.584	2.450	14.5	21.4
4 11	14 57.65	−20 14.3	1.520	2.457	10.6	21.1
4 21	14 48.64	−20 8.8	1.480	2.464	6.1	20.9
5 1	14 38.29	−19 52.4	1.465	2.471	2.0	20.6
5 11	14 27.89	−19 28.4	1.477	2.477	4.3	20.8
5 21	14 18.67	−19 1.9	1.516	2.483	8.8	21.1
5 31	14 11.61	−18 38.4	1.578	2.490	12.8	21.3
6 10	14 7.28	−18 22.5	1.660	2.496	16.3	21.6

305441 2008 CD_{190} 5 1.9 54°.04 4°.7/ 4.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 8.52	−26 30.6	2.068	2.895	13.2	19.9
4 11	15 0.41	−27 43.9	2.003	2.909	10.2	19.7
4 21	14 50.09	−28 44.6	1.963	2.923	7.1	19.5
5 1	14 38.43	−29 29.7	1.950	2.937	4.9	19.4
5 11	14 26.58	−29 58.8	1.967	2.951	5.4	19.5
5 21	14 15.69	−30 13.8	2.011	2.965	7.9	19.6
5 31	14 6.71	−30 19.1	2.082	2.979	10.9	19.8
6 10	14 0.26	−30 20.1	2.174	2.994	13.5	20.0

497756 2006 SZ_{278} 5 1.9 192°.85 1°.1/ 1.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.15	−14 3.6	2.039	2.909	11.6	22.3
4 11	14 55.70	−13 31.0	1.965	2.907	8.2	22.1
4 21	14 47.46	−12 51.9	1.916	2.905	4.4	21.8
5 1	14 38.19	−12 9.5	1.895	2.902	1.1	21.6
5 11	14 28.86	−11 28.4	1.903	2.898	4.2	21.8
5 21	14 20.36	−10 52.7	1.939	2.894	8.1	22.0
5 31	14 13.48	−10 26.4	2.000	2.888	11.7	22.2
6 10	14 8.72	−10 11.9	2.082	2.883	14.6	22.4

479157 2013 CS_{6} 5 1.9 270°.38 3°.4/ 5.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.41	−27 51.6	2.370	3.201	11.6	21.4
4 11	14 53.06	−27 46.6	2.284	3.194	8.9	21.2
4 21	14 46.05	−27 27.2	2.221	3.186	6.1	21.0
5 1	14 38.07	−26 53.8	2.185	3.178	3.7	20.9
5 11	14 29.97	−26 9.0	2.178	3.170	4.1	20.9
5 21	14 22.58	−25 16.9	2.198	3.163	6.6	21.0
5 31	14 16.62	−24 22.6	2.244	3.155	9.6	21.2
6 10	14 12.60	−23 31.4	2.313	3.147	12.3	21.3

352505 2008 CA_{69} 5 1.9 27°.11 5°.8/26.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.55	− 0 27.3	1.981	2.866	11.2	20.7
4 11	14 51.65	+ 0 37.5	1.930	2.870	8.4	20.5
4 21	14 45.23	+ 1 37.3	1.903	2.875	6.3	20.4
5 1	14 37.99	+ 2 26.0	1.903	2.879	6.1	20.4
5 11	14 30.79	+ 2 59.0	1.928	2.884	7.9	20.5
5 21	14 24.40	+ 3 13.5	1.979	2.890	10.6	20.7
5 31	14 19.48	+ 3 8.9	2.052	2.895	13.3	20.8
6 10	14 16.44	+ 2 46.2	2.144	2.901	15.6	21.0

415347 2013 JX_{24} 5 1.9 334°.39 0°.6/ 1.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 58.02	−18 1.4	1.227	2.119	16.0	21.1
4 11	14 53.67	−17 1.0	1.160	2.112	11.4	20.8
4 21	14 46.68	−15 43.5	1.114	2.105	6.1	20.5
5 1	14 38.13	−14 15.0	1.092	2.099	0.7	20.1
5 11	14 29.46	−12 45.0	1.094	2.094	5.5	20.4
5 21	14 22.03	−11 23.7	1.120	2.089	11.0	20.7
5 31	14 16.95	−10 19.5	1.167	2.084	16.0	21.0
6 10	14 14.85	− 9 37.2	1.232	2.080	20.1	21.2

424153 2007 GY_{41} 5 1.9 60°.53 0°.2/ 1.9 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.73	−17 16.8	1.624	2.503	13.6	21.7
4 11	14 54.21	−16 39.3	1.568	2.513	9.6	21.5
4 21	14 46.70	−15 51.4	1.535	2.524	5.1	21.3
5 1	14 38.13	−14 57.1	1.528	2.536	0.4	20.9
5 11	14 29.63	−14 2.3	1.548	2.547	4.3	21.3
5 21	14 22.25	−13 13.0	1.594	2.559	8.7	21.5
5 31	14 16.78	−12 34.1	1.664	2.570	12.6	21.8
6 10	14 13.70	−12 8.9	1.754	2.582	15.9	22.0

301147 2008 XR_{53} 5 1.9 154°.57 2°.0/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 4.07	−12 8.5	1.619	2.498	13.6	21.6
4 11	14 57.30	−11 31.4	1.558	2.505	9.5	21.4
4 21	14 48.38	−10 48.7	1.521	2.511	5.1	21.1
5 1	14 38.29	−10 4.9	1.511	2.516	2.0	20.9
5 11	14 28.21	− 9 25.6	1.528	2.521	5.4	21.2
5 21	14 19.27	− 8 55.7	1.572	2.526	9.8	21.4
5 31	14 12.36	− 8 38.8	1.639	2.529	13.7	21.7
6 10	14 8.00	− 8 36.9	1.725	2.532	16.9	21.9

297734 2001 WL_{79} 5 1.9 157°.50 0°.6/ 1.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.93	−15 2.6	2.485	3.353	9.8	21.7
4 11	14 52.45	−14 32.2	2.416	3.357	6.9	21.6
4 21	14 45.61	−13 56.2	2.372	3.361	3.7	21.4
5 1	14 38.04	−13 17.1	2.357	3.364	0.6	21.1
5 11	14 30.46	−12 38.5	2.371	3.367	3.4	21.3
5 21	14 23.55	−12 3.9	2.413	3.370	6.6	21.6
5 31	14 17.91	−11 36.2	2.482	3.373	9.6	21.7
6 10	14 13.95	−11 17.9	2.573	3.375	12.1	21.9

338786 2003 UY_{305} 5 1.9 222°.49 3°.2/ 4.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.45	−25 49.4	2.315	3.149	11.7	21.4
4 11	14 55.98	−26 3.6	2.228	3.141	8.9	21.2
4 21	14 47.67	−26 5.3	2.165	3.133	5.9	21.0
5 1	14 38.23	−25 54.2	2.129	3.124	3.5	20.9
5 11	14 28.60	−25 32.0	2.122	3.115	4.1	20.9
5 21	14 19.68	−25 2.1	2.143	3.105	6.9	21.0
5 31	14 12.29	−24 29.1	2.190	3.095	10.1	21.2
6 10	14 6.98	−23 58.0	2.260	3.085	12.9	21.4

177127 2003 HO_{20} 5 1.9 328°.06 2°.0/30.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.03	− 9 16.7	2.173	3.049	10.7	19.5
4 11	14 54.13	− 9 12.3	2.101	3.046	7.6	19.3
4 21	14 46.60	− 9 6.9	2.054	3.043	4.2	19.1
5 1	14 38.13	− 9 3.2	2.036	3.040	2.0	18.9
5 11	14 29.59	− 9 3.7	2.046	3.037	4.5	19.1
5 21	14 21.77	− 9 10.6	2.083	3.034	7.9	19.3
5 31	14 15.39	− 9 25.6	2.146	3.032	11.1	19.5
6 10	14 10.93	− 9 49.8	2.230	3.029	13.8	19.6

285647 2000 SE_{26} 5 1.9 229°.81 0°.3/ 2.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.25	−18 29.8	1.909	2.772	12.6	22.2
4 11	14 56.74	−17 57.1	1.821	2.758	9.1	21.9
4 21	14 48.16	−17 12.8	1.757	2.744	5.0	21.6
5 1	14 38.29	−16 19.4	1.721	2.728	0.6	21.3
5 11	14 28.20	−15 21.7	1.714	2.712	4.0	21.5
5 21	14 18.95	−14 25.5	1.734	2.695	8.4	21.7
5 31	14 11.44	−13 36.5	1.779	2.677	12.4	21.9
6 10	14 6.30	−12 59.3	1.846	2.659	15.8	22.1

439954 2001 TJ_{55} 5 1.9 189°.64 1°.5/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.34	−19 27.3	1.340	2.218	15.9	20.6
4 11	14 57.15	−17 16.4	1.271	2.218	11.3	20.3
4 21	14 48.42	−14 42.6	1.226	2.217	5.9	20.0
5 1	14 38.30	−11 56.1	1.209	2.215	1.5	19.7
5 11	14 28.25	− 9 11.4	1.219	2.213	6.2	20.0
5 21	14 19.58	− 6 43.0	1.256	2.211	11.6	20.3
5 31	14 13.30	− 4 41.6	1.317	2.207	16.3	20.6
6 10	14 9.94	− 3 12.1	1.396	2.203	20.2	20.8

216875 2008 EF_{40} 5 1.9 265°.26 2°.8/28.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.68	− 9 26.0	2.451	3.330	9.5	20.3
4 11	14 50.94	− 8 10.7	2.371	3.318	6.7	20.1
4 21	14 44.84	− 6 51.4	2.319	3.305	3.9	19.9
5 1	14 37.99	− 5 32.9	2.295	3.293	2.9	19.8
5 11	14 31.06	− 4 20.5	2.300	3.280	5.1	19.9
5 21	14 24.73	− 3 18.8	2.333	3.267	8.1	20.1
5 31	14 19.59	− 2 31.2	2.391	3.254	11.0	20.2
6 10	14 16.05	− 1 59.2	2.470	3.241	13.4	20.4

423809 2006 JN_3 5 1.9 327°.18 0°.0/ 1.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 55.84	−20 40.3	1.606	2.483	13.8	20.5
4 11	14 51.68	−19 15.7	1.526	2.471	9.9	20.2
4 21	14 45.46	−17 32.1	1.469	2.458	5.4	19.9
5 1	14 38.05	−15 35.3	1.439	2.446	0.5	19.5
5 11	14 30.53	−13 34.3	1.436	2.435	4.5	19.8
5 21	14 23.97	−11 39.1	1.459	2.425	9.3	20.1
5 31	14 19.25	− 9 58.8	1.507	2.415	13.6	20.3
6 10	14 16.91	− 8 39.3	1.574	2.405	17.2	20.5

107288 2001 BK_{79} 5 1.9 38°.39 3°.9/ 4.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.40	−25 22.5	1.408	2.270	16.3	20.0
4 11	14 56.62	−25 28.3	1.344	2.274	12.3	19.8
4 21	14 48.23	−25 14.9	1.301	2.278	7.9	19.5
5 1	14 38.30	−24 42.7	1.282	2.282	4.3	19.3
5 11	14 28.29	−23 56.0	1.288	2.286	5.2	19.4
5 21	14 19.58	−23 1.7	1.319	2.291	9.4	19.6
5 31	14 13.26	−22 8.0	1.373	2.296	13.6	19.9
6 10	14 9.94	−21 22.2	1.446	2.301	17.3	20.1

406350 2007 RU_{139} 5 1.9 186°.69 4°.5/ 4.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.23	−27 20.4	1.775	2.611	14.6	21.7
4 11	14 59.07	−27 40.7	1.699	2.612	11.3	21.4
4 21	14 49.49	−27 44.1	1.645	2.611	7.7	21.2
5 1	14 38.42	−27 29.2	1.617	2.610	4.8	21.0
5 11	14 27.16	−26 58.3	1.616	2.608	5.3	21.1
5 21	14 16.97	−26 16.2	1.642	2.606	8.6	21.2
5 31	14 8.90	−25 29.9	1.693	2.603	12.2	21.5
6 10	14 3.59	−24 46.5	1.765	2.600	15.5	21.7

462548 2009 BB_{183} 5 1.9 114°.12 1°.9/30.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.21	−13 0.6	1.455	2.341	14.4	21.9
4 11	14 56.18	−12 19.7	1.397	2.346	10.1	21.6
4 21	14 47.86	−11 31.7	1.361	2.351	5.4	21.4
5 1	14 38.26	−10 41.6	1.350	2.356	1.9	21.1
5 11	14 28.68	− 9 55.9	1.366	2.361	5.6	21.4
5 21	14 20.30	− 9 20.3	1.407	2.365	10.3	21.7
5 31	14 14.07	− 8 59.0	1.471	2.369	14.4	21.9
6 10	14 10.53	− 8 54.2	1.553	2.374	17.9	22.2

382452 2000 QS_9 5 1.9 253°.04 5°.6/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.62	− 2 51.0	1.978	2.860	11.3	21.1
4 11	14 53.29	− 1 23.9	1.903	2.845	8.4	20.8
4 21	14 46.22	+ 0 2.7	1.854	2.830	6.1	20.7
5 1	14 38.12	+ 1 21.8	1.833	2.814	5.8	20.6
5 11	14 29.90	+ 2 26.7	1.839	2.797	8.1	20.7
5 21	14 22.41	+ 3 12.7	1.870	2.780	11.1	20.9
5 31	14 16.42	+ 3 37.2	1.924	2.763	14.2	21.0
6 10	14 12.44	+ 3 40.3	1.997	2.746	16.8	21.2

419989 2011 CS_{29} 5 1.9 146°.69 1°.2/ 2.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.42	−21 2.5	1.999	2.856	12.3	21.4
4 11	14 55.20	−20 34.6	1.931	2.864	8.9	21.2
4 21	14 47.19	−19 54.5	1.888	2.871	5.1	21.0
5 1	14 38.21	−19 4.8	1.872	2.878	1.5	20.8
5 11	14 29.25	−18 9.9	1.885	2.884	3.6	20.9
5 21	14 21.23	−17 15.1	1.925	2.890	7.4	21.2
5 31	14 14.90	−16 25.7	1.991	2.896	10.9	21.4
6 10	14 10.75	−15 46.0	2.079	2.901	13.9	21.6

106714 2000 WZ_{173} 5 1.9 210°.62 6°.5/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.47	+ 5 28.4	2.547	3.414	9.7	20.0
4 11	14 51.38	+ 6 38.3	2.490	3.411	7.8	19.9
4 21	14 45.04	+ 7 40.5	2.459	3.407	6.6	19.8
5 1	14 38.02	+ 8 30.0	2.456	3.403	6.8	19.8
5 11	14 30.98	+ 9 2.9	2.479	3.399	8.2	19.9
5 21	14 24.56	+ 9 17.2	2.527	3.395	10.2	20.0
5 31	14 19.30	+ 9 12.6	2.597	3.390	12.2	20.2
6 10	14 15.60	+ 8 50.5	2.686	3.385	14.0	20.3

236634 2006 KM_{32} 5 1.9 182°.57 1°.7/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.45	−11 15.4	2.082	2.958	11.1	20.6
4 11	14 54.46	−10 56.1	2.013	2.958	7.8	20.4
4 21	14 46.79	−10 33.6	1.969	2.958	4.2	20.2
5 1	14 38.18	−10 11.0	1.953	2.958	1.7	20.0
5 11	14 29.51	− 9 51.6	1.965	2.958	4.4	20.2
5 21	14 21.64	− 9 38.7	2.005	2.957	8.1	20.4
5 31	14 15.29	− 9 34.9	2.069	2.957	11.4	20.6
6 10	14 10.94	− 9 41.7	2.155	2.956	14.2	20.8

173971 2001 XP_{91} 5 1.9 267°.66 1°.6/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.72	−11 7.7	2.189	3.064	10.7	20.0
4 11	14 53.92	−10 56.2	2.116	3.060	7.5	19.8
4 21	14 46.51	−10 42.0	2.068	3.057	4.1	19.6
5 1	14 38.16	−10 27.7	2.047	3.053	1.6	19.4
5 11	14 29.73	−10 16.3	2.056	3.049	4.2	19.6
5 21	14 22.01	−10 10.6	2.092	3.045	7.7	19.8
5 31	14 15.73	−10 12.9	2.153	3.041	10.9	20.0
6 10	14 11.35	−10 24.5	2.235	3.037	13.7	20.1

425623 2010 VN_{67} 5 1.9 234.°46 3.°7/28.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 0.71	−10 47.6	1.896	2.776	11.9	21.3
4 11	14 54.82	− 8 50.3	1.815	2.762	8.4	21.1
4 21	14 47.06	− 6 43.7	1.761	2.748	5.0	20.8
5 1	14 38.21	− 4 35.8	1.736	2.733	3.9	20.7
5 11	14 29.25	− 2 35.9	1.741	2.717	6.8	20.9
5 21	14 21.12	− 0 52.4	1.773	2.701	10.6	21.1
5 31	14 14.64	+ 0 29.2	1.829	2.684	14.2	21.3
6 10	14 10.32	+ 1 26.4	1.906	2.666	17.2	21.4

221214 2005 UQ_{85} 5 1.9 34.°13 1.°5/30.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.94	−13 28.8	1.582	2.467	13.5	20.3
4 11	14 54.47	−12 53.3	1.521	2.470	9.5	20.1
4 21	14 46.92	−12 10.9	1.483	2.473	5.1	19.8
5 1	14 38.20	−11 26.0	1.470	2.477	1.5	19.6
5 11	14 29.47	−10 44.3	1.484	2.480	5.1	19.9
5 21	14 21.79	−10 10.9	1.524	2.484	9.5	20.1
5 31	14 16.05	− 9 50.0	1.587	2.487	13.5	20.4
6 10	14 12.76	− 9 43.8	1.669	2.491	16.8	20.6

233594 2007 RD_{120} 5 1.9 295.°42 0.°3/ 1.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.54	−15 43.1	1.935	2.809	11.9	20.4
4 11	14 53.98	−15 25.2	1.862	2.806	8.5	20.2
4 21	14 46.61	−14 59.9	1.813	2.802	4.5	19.9
5 1	14 38.17	−14 29.9	1.792	2.799	0.5	19.6
5 11	14 29.64	−13 59.2	1.798	2.796	3.9	19.9
5 21	14 21.95	−13 31.7	1.830	2.793	8.0	20.1
5 31	14 15.87	−13 11.4	1.888	2.790	11.6	20.3
6 10	14 11.93	−13 1.3	1.966	2.786	14.7	20.5

173382 2000 BZ_{40} 5 1.9 65.°93 3.°6/ 4.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.96	−25 52.3	1.527	2.383	15.5	20.0
4 11	14 56.13	−25 46.5	1.462	2.389	11.7	19.7
4 21	14 47.89	−25 21.7	1.420	2.395	7.6	19.5
5 1	14 38.29	−24 38.9	1.401	2.401	4.0	19.3
5 11	14 28.66	−23 42.6	1.409	2.407	4.9	19.4
5 21	14 20.26	−22 39.8	1.442	2.413	8.8	19.6
5 31	14 14.09	−21 38.7	1.499	2.419	12.8	19.9
6 10	14 10.70	−20 46.1	1.576	2.425	16.4	20.1

287805 2003 SC_{172} 5 1.9 288.°73 1.°0/ 1.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.32	−15 0.1	1.419	2.305	14.7	20.4
4 11	14 55.85	−14 31.7	1.344	2.294	10.5	20.1
4 21	14 47.86	−13 53.5	1.292	2.283	5.6	19.8
5 1	14 38.30	−13 9.5	1.264	2.272	1.0	19.4
5 11	14 28.50	−12 25.5	1.263	2.261	5.3	19.7
5 21	14 19.76	−11 48.0	1.286	2.250	10.4	20.0
5 31	14 13.20	−11 22.6	1.331	2.239	15.0	20.2
6 10	14 9.48	−11 12.7	1.394	2.228	18.9	20.4

315325 2007 TP_{367} 5 1.9 182.°98 2.°7/29.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.55	− 8 59.2	2.121	2.993	11.1	22.1
4 11	14 56.59	− 8 21.6	2.052	2.994	7.9	21.9
4 21	14 47.92	− 7 41.9	2.008	2.994	4.5	21.7
5 1	14 38.30	− 7 3.9	1.993	2.994	2.7	21.6
5 11	14 28.64	− 6 31.9	2.007	2.992	5.2	21.7
5 21	14 19.82	− 6 9.3	2.049	2.990	8.6	21.9
5 31	14 12.57	− 5 58.7	2.116	2.987	11.9	22.1
6 10	14 7.38	− 6 1.2	2.205	2.982	14.6	22.3

184829 2005 UJ 5 1.9 357.°60 0.°7/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 51.88	−12 32.1	4.064	4.932	6.3	20.1
4 11	14 47.85	−12 14.0	3.989	4.931	4.4	20.0
4 21	14 43.06	−11 53.7	3.943	4.931	2.3	19.8
5 1	14 37.85	−11 32.8	3.925	4.931	0.7	19.7
5 11	14 32.62	−11 13.0	3.937	4.931	2.4	19.8
5 21	14 27.75	−10 56.2	3.979	4.931	4.5	20.0
5 31	14 23.57	−10 43.8	4.048	4.931	6.4	20.1
6 10	14 20.35	−10 36.9	4.140	4.931	8.1	20.2

393827 2005 SW_{81} 5 1.9 204.°53 2.°4/29.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.40	− 9 20.2	2.572	3.449	9.2	21.9
4 11	14 51.35	− 8 28.0	2.501	3.446	6.5	21.7
4 21	14 45.05	− 7 33.3	2.456	3.443	3.7	21.5
5 1	14 38.04	− 6 40.0	2.440	3.440	2.5	21.4
5 11	14 31.00	− 5 52.1	2.453	3.437	4.5	21.5
5 21	14 24.58	− 5 13.0	2.494	3.433	7.4	21.7
5 31	14 19.31	− 4 45.4	2.561	3.429	10.1	21.9
6 10	14 15.60	− 4 30.4	2.648	3.425	12.5	22.0

476401 2008 CF_{203} 5 1.9 282.°07 3.°6/28.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.87	− 6 27.5	2.317	3.200	9.9	21.2
4 11	14 51.09	− 5 25.6	2.250	3.196	7.1	21.0
4 21	14 44.94	− 4 22.9	2.209	3.192	4.5	20.8
5 1	14 38.03	− 3 24.3	2.195	3.189	3.7	20.8
5 11	14 31.09	− 2 34.4	2.210	3.185	5.7	20.9
5 21	14 24.81	− 1 56.9	2.252	3.181	8.6	21.1
5 31	14 19.79	− 1 34.2	2.318	3.178	11.4	21.2
6 10	14 16.43	− 1 26.8	2.404	3.174	13.8	21.4

297777 2001 XY_{220} 5 1.9 189.°55 2.°0/30.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 59.72	− 9 35.0	2.357	3.231	10.1	20.7
4 11	14 53.79	− 9 20.4	2.286	3.230	7.1	20.5
4 21	14 46.40	− 9 4.2	2.242	3.230	3.9	20.3
5 1	14 38.17	− 8 49.3	2.225	3.229	2.0	20.1
5 11	14 29.89	− 8 38.4	2.238	3.228	4.3	20.3
5 21	14 22.29	− 8 34.0	2.279	3.227	7.5	20.5
5 31	14 16.04	− 8 38.0	2.345	3.226	10.5	20.7
6 10	14 11.56	− 8 51.5	2.433	3.224	13.0	20.8

106217 2000 UT_{35} 5 1.9 236.°12 0.°3/ 2.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.09	−19 15.6	2.562	3.421	9.9	20.1
4 11	14 51.94	−18 33.4	2.476	3.411	7.1	19.9
4 21	14 45.40	−17 41.7	2.416	3.402	3.9	19.6
5 1	14 38.08	−16 43.2	2.385	3.392	0.6	19.4
5 11	14 30.69	−15 41.8	2.383	3.382	3.0	19.5
5 21	14 23.91	−14 41.8	2.410	3.372	6.4	19.7
5 31	14 18.36	−13 47.6	2.464	3.361	9.4	19.9
6 10	14 14.46	−13 2.6	2.541	3.351	12.0	20.1

43853 1993 TM_{29} 5 1.9 358.°17 3.°1/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.23	− 7 56.6	2.183	3.066	10.4	18.9
4 11	14 51.40	− 7 6.5	2.118	3.066	7.3	18.7
4 21	14 45.13	− 6 15.1	2.079	3.065	4.4	18.5
5 1	14 38.05	− 5 26.8	2.067	3.065	3.2	18.4
5 11	14 30.96	− 4 46.1	2.083	3.065	5.4	18.6
5 21	14 24.58	− 4 16.5	2.126	3.065	8.5	18.8
5 31	14 19.55	− 4 0.4	2.193	3.065	11.4	18.9
6 10	14 16.27	− 3 58.6	2.280	3.066	14.0	19.1

178738 2000 TG_{29} 5 1.9 184.°18 2.°3/ 4.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.86	−26 40.8	2.956	3.783	9.6	20.3
4 11	14 52.32	−26 10.3	2.873	3.783	7.3	20.1
4 21	14 45.54	−25 27.9	2.814	3.783	4.7	19.9
5 1	14 38.09	−24 34.7	2.785	3.782	2.5	19.8
5 11	14 30.63	−23 33.8	2.785	3.781	3.0	19.8
5 21	14 23.80	−22 29.1	2.815	3.779	5.4	20.0
5 31	14 18.12	−21 25.0	2.873	3.777	8.0	20.1
6 10	14 13.99	−20 25.6	2.955	3.775	10.3	20.3

60159 1999 UL_{24} 5 1.9 292.°49 2.°6/ 4.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.22	−24 58.1	1.795	2.649	13.6	18.9
4 11	14 54.15	−24 30.5	1.698	2.626	10.3	18.6
4 21	14 46.89	−23 44.7	1.624	2.602	6.5	18.3
5 1	14 38.23	−22 41.8	1.576	2.578	3.0	18.1
5 11	14 29.26	−21 26.4	1.555	2.554	4.2	18.1
5 21	14 21.10	−20 5.2	1.561	2.531	8.3	18.3
5 31	14 14.75	−18 46.1	1.591	2.507	12.5	18.4
6 10	14 10.86	−17 36.6	1.642	2.483	16.2	18.6

239872 2000 JY_{11} 5 1.9 332.°33 0.°7/ 1.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.36	−17 45.4	1.019	1.924	17.4	19.6
4 11	14 52.28	−16 50.3	0.948	1.907	12.5	19.2
4 21	14 46.20	−15 35.3	0.898	1.891	6.8	18.9
5 1	14 38.18	−14 6.7	0.868	1.876	0.8	18.4
5 11	14 29.83	−12 35.0	0.861	1.862	6.2	18.7
5 21	14 22.75	−11 12.3	0.876	1.850	12.5	19.0
5 31	14 18.31	−10 8.9	0.909	1.839	18.0	19.3
6 10	14 17.25	− 9 30.9	0.959	1.829	22.8	19.5

110832 2001 UA_{58} 5 1.9 285.°59 0.°2/ 2.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 51.57	−17 33.8	4.314	5.171	6.2	20.0
4 11	14 47.63	−17 16.5	4.234	5.169	4.4	19.9
4 21	14 42.95	−16 55.0	4.181	5.167	2.4	19.7
5 1	14 37.87	−16 30.8	4.158	5.165	0.3	19.5
5 11	14 32.77	−16 5.4	4.164	5.163	1.9	19.7
5 21	14 28.00	−15 40.6	4.200	5.161	3.9	19.8
5 31	14 23.89	−15 18.2	4.264	5.159	5.8	20.0
6 10	14 20.71	−14 59.9	4.352	5.157	7.5	20.1

201950 2004 JT_{11} 5 1.9 259.°21 21.°1/13.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.22	+27 37.2	1.162	1.982	21.7	19.9
4 11	14 58.88	+30 1.2	1.137	1.975	21.1	19.8
4 21	14 49.51	+31 43.3	1.128	1.968	21.3	19.8
5 1	14 38.47	+32 30.6	1.134	1.961	22.3	19.8
5 11	14 27.53	+32 18.0	1.156	1.953	23.8	19.9
5 21	14 18.27	+31 8.5	1.190	1.946	25.6	20.0
5 31	14 11.84	+29 10.5	1.235	1.938	27.3	20.1
6 10	14 8.78	+26 35.3	1.289	1.930	28.9	20.2

442968 2013 CG_{134} 5 1.9 32.°91 7.°1/26.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.39	+ 5 5.2	2.071	2.945	11.3	20.0
4 11	14 52.17	+ 5 53.8	2.028	2.955	8.9	19.9
4 21	14 45.51	+ 6 32.3	2.010	2.965	7.3	19.8
5 1	14 38.11	+ 6 55.7	2.018	2.976	7.3	19.8
5 11	14 30.80	+ 7 0.5	2.051	2.987	8.8	19.9
5 21	14 24.32	+ 6 45.9	2.109	2.999	11.0	20.1
5 31	14 19.29	+ 6 12.5	2.189	3.011	13.3	20.3
6 10	14 16.07	+ 5 22.8	2.288	3.023	15.3	20.4

33193 Emhyr 5 1.9 244.°95 0.°8/ 2.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 0.40	−19 23.4	1.915	2.780	12.4	18.3
4 11	14 54.70	−19 3.2	1.836	2.773	9.0	18.0
4 21	14 47.06	−18 31.9	1.780	2.766	5.1	17.8
5 1	14 38.27	−17 51.7	1.752	2.759	1.1	17.5
5 11	14 29.34	−17 6.8	1.751	2.751	3.7	17.7
5 21	14 21.25	−16 22.2	1.778	2.743	7.9	17.9
5 31	14 14.86	−15 43.0	1.829	2.735	11.7	18.1
6 10	14 10.70	−15 13.3	1.901	2.727	14.9	18.3

193486 2000 XF_{53} 5 1.9 204.°99 2.°0/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.15	− 9 36.9	2.132	3.004	11.1	20.1
4 11	14 56.39	− 9 31.3	2.058	3.000	7.9	19.9
4 21	14 47.88	− 9 24.5	2.009	2.997	4.3	19.7
5 1	14 38.34	− 9 18.7	1.988	2.992	2.0	19.5
5 11	14 28.70	− 9 16.8	1.997	2.988	4.6	19.7
5 21	14 19.82	− 9 21.2	2.033	2.983	8.1	19.9
5 31	14 12.49	− 9 33.8	2.095	2.978	11.5	20.1
6 10	14 7.20	− 9 55.7	2.179	2.972	14.3	20.3

416713 2005 BR_{33} 5 1.9 167.°81 4.°3/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 50.82	+ 8 29.8	4.631	5.482	5.9	21.1
4 11	14 47.03	+ 9 9.0	4.579	5.483	4.9	21.0
4 21	14 42.61	+ 9 42.4	4.553	5.484	4.4	21.0
5 1	14 37.85	+10 7.8	4.556	5.484	4.5	21.0
5 11	14 33.10	+10 23.4	4.586	5.485	5.3	21.0
5 21	14 28.66	+10 28.6	4.642	5.486	6.4	21.1
5 31	14 24.82	+10 22.9	4.722	5.486	7.5	21.2
6 10	14 21.80	+10 7.0	4.822	5.487	8.6	21.3

51999 2001 UC_{22} 5 2.0 121.°42 2.°0/ 3.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.36	−23 46.5	2.198	3.048	11.7	18.6
4 11	14 53.01	−23 19.9	2.124	3.050	8.6	18.4
4 21	14 46.04	−22 40.3	2.075	3.053	5.3	18.2
5 1	14 38.18	−21 49.4	2.053	3.056	2.3	18.0
5 11	14 30.31	−20 51.3	2.059	3.058	3.4	18.1
5 21	14 23.24	−19 51.0	2.093	3.061	6.7	18.3
5 31	14 17.67	−18 53.7	2.153	3.063	10.0	18.5
6 10	14 14.05	−18 4.1	2.236	3.065	12.8	18.7

51293 2000 KP_{30} 5 2.0 203.°84 2.°0/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.70	−24 18.2	2.447	3.290	10.9	19.1
4 11	14 53.16	−23 53.2	2.365	3.287	8.1	18.9
4 21	14 46.10	−23 15.7	2.308	3.284	5.0	18.7
5 1	14 38.19	−22 27.3	2.278	3.280	2.3	18.5
5 11	14 30.23	−21 31.4	2.278	3.276	3.2	18.6
5 21	14 22.97	−20 32.4	2.306	3.272	6.3	18.8
5 31	14 17.07	−19 35.2	2.361	3.267	9.4	19.0
6 10	14 13.00	−18 44.4	2.438	3.263	12.1	19.1

419561 2010 RL_{4} 5 2.0 201.°69 1.°9/30.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.57	−12 0.8	1.969	2.842	11.8	22.5
4 11	14 56.09	−11 22.9	1.894	2.838	8.3	22.2
4 21	14 47.76	−10 39.9	1.845	2.833	4.5	22.0
5 1	14 38.35	− 9 55.5	1.823	2.828	1.9	21.8
5 11	14 28.85	− 9 14.6	1.830	2.822	4.8	22.0
5 21	14 20.20	− 8 41.4	1.865	2.815	8.7	22.2
5 31	14 13.19	− 8 19.5	1.924	2.807	12.3	22.4
6 10	14 8.37	− 8 11.1	2.004	2.799	15.3	22.6

3356 Resnik 5 2.0 322.°67 3.°8/30.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.66	− 9 33.5	1.135	2.037	16.2	15.7
4 11	14 55.76	− 8 53.4	1.069	2.026	11.6	15.4
4 21	14 47.97	− 8 8.8	1.025	2.016	6.6	15.1
5 1	14 38.38	− 7 26.4	1.003	2.006	3.9	14.9
5 11	14 28.53	− 6 54.1	1.005	1.997	7.7	15.1
5 21	14 19.94	− 6 37.9	1.028	1.988	12.9	15.3
5 31	14 13.87	− 6 41.9	1.072	1.980	17.8	15.6
6 10	14 11.03	− 7 6.6	1.132	1.973	22.0	15.8

40765 1999 TF_{16} 5 2.0 344.°65 2.°1/30.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.11	−11 48.3	1.777	2.660	12.3	18.4
4 11	14 53.76	−11 8.4	1.710	2.659	8.7	18.2
4 21	14 46.53	−10 23.5	1.668	2.658	4.7	17.9
5 1	14 38.24	− 9 38.0	1.653	2.657	2.1	17.8
5 11	14 29.90	− 8 57.0	1.665	2.657	5.1	18.0
5 21	14 22.48	− 8 25.3	1.702	2.656	9.1	18.2
5 31	14 16.76	− 8 6.3	1.764	2.656	12.8	18.4
6 10	14 13.26	− 8 1.9	1.845	2.655	15.9	18.6

278465 2007 TQ_{166} 5 2.0 268.°96 6.°6/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.64	+ 0 38.5	2.123	3.002	10.8	20.9
4 11	14 52.57	+ 2 28.4	2.046	2.981	8.4	20.7
4 21	14 45.87	+ 4 16.3	1.995	2.958	6.8	20.6
5 1	14 38.19	+ 5 54.5	1.973	2.936	7.1	20.5
5 11	14 30.34	+ 7 15.7	1.977	2.913	9.1	20.6
5 21	14 23.14	+ 8 15.1	2.007	2.889	11.8	20.7
5 31	14 17.29	+ 8 50.2	2.059	2.865	14.5	20.9
6 10	14 13.32	+ 9 1.5	2.128	2.841	16.9	21.0

278863 2008 TO_{35} 5 2.0 211.°85 1.°0/ 1.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 58.93	−15 4.2	1.920	2.796	11.9	20.9
4 11	14 53.54	−14 18.1	1.849	2.795	8.4	20.6
4 21	14 46.38	−13 23.9	1.803	2.793	4.4	20.4
5 1	14 38.23	−12 25.7	1.784	2.791	1.0	20.1
5 11	14 30.03	−11 28.7	1.794	2.789	4.3	20.4
5 21	14 22.69	−10 38.3	1.830	2.788	8.3	20.6
5 31	14 16.97	− 9 58.9	1.890	2.786	11.9	20.8
6 10	14 13.34	− 9 33.3	1.972	2.783	15.0	21.0

377254 2004 CG_{52} 5 2.0 35.°27 7.°3/ 2.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 23.35	−19 4.4	0.875	1.751	22.4	19.3
4 11	15 13.51	−22 12.8	0.820	1.757	17.0	19.0
4 21	14 58.37	−25 18.6	0.785	1.764	11.2	18.7
5 1	14 39.40	−28 4.6	0.775	1.771	7.4	18.5
5 11	14 19.47	−30 16.4	0.789	1.779	9.7	18.7
5 21	14 1.72	−31 50.3	0.826	1.787	15.0	19.0
5 31	13 48.59	−32 53.8	0.884	1.796	20.2	19.3
6 10	13 41.16	−33 40.1	0.957	1.806	24.4	19.6

47578 2000 AT_{174} 5 2.0 82.°79 0.°5/ 2.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.95	−20 22.6	1.538	2.410	14.5	18.8
4 11	14 55.17	−19 27.1	1.483	2.424	10.4	18.5
4 21	14 47.28	−18 16.5	1.451	2.438	5.7	18.3
5 1	14 38.31	−16 55.9	1.445	2.452	0.9	18.0
5 11	14 29.48	−15 32.6	1.466	2.466	4.3	18.3
5 21	14 21.89	−14 14.7	1.513	2.479	8.9	18.6
5 31	14 16.37	−13 9.0	1.584	2.493	13.0	18.8
6 10	14 13.38	−12 19.8	1.675	2.506	16.4	19.1

461654 2005 GN_{24} 5 2.0 60.°90 0.°7/ 2.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.58	−18 33.6	1.363	2.243	15.6	21.7
4 11	14 56.59	−18 17.5	1.310	2.255	11.1	21.4
4 21	14 48.15	−17 48.8	1.279	2.267	6.2	21.2
5 1	14 38.39	−17 10.7	1.273	2.280	1.1	20.9
5 11	14 28.72	−16 28.7	1.292	2.293	4.6	21.2
5 21	14 20.40	−15 49.1	1.336	2.305	9.5	21.5
5 31	14 14.42	−15 18.1	1.403	2.318	13.9	21.8
6 10	14 11.29	−14 59.6	1.489	2.332	17.5	22.0

115108 2003 SA_{31} 5 2.0 185.°90 2.°4/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.09	−23 38.2	2.393	3.233	11.2	20.0
4 11	14 55.61	−23 43.8	2.313	3.233	8.3	19.8
4 21	14 47.46	−23 38.4	2.258	3.232	5.2	19.6
5 1	14 38.34	−23 22.4	2.231	3.231	2.6	19.5
5 11	14 29.10	−22 58.1	2.233	3.230	3.5	19.5
5 21	14 20.60	−22 28.6	2.264	3.228	6.6	19.7
5 31	14 13.56	−21 58.4	2.321	3.225	9.6	19.9
6 10	14 8.49	−21 31.6	2.401	3.222	12.3	20.1

229111 2004 RR_{74} 5 2.0 178.°74 1.°6/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.52	−12 7.7	2.283	3.154	10.5	21.4
4 11	14 54.40	−11 34.7	2.213	3.156	7.4	21.2
4 21	14 46.76	−10 57.6	2.168	3.157	4.0	20.9
5 1	14 38.27	−10 19.5	2.152	3.157	1.6	20.8
5 11	14 29.75	− 9 44.3	2.166	3.157	4.2	20.9
5 21	14 21.98	− 9 15.4	2.207	3.157	7.6	21.2
5 31	14 15.61	− 8 55.9	2.274	3.156	10.7	21.4
6 10	14 11.10	− 8 47.5	2.362	3.154	13.4	21.5

281044 2006 HF_{60} 5 2.0 59.°69 3.°6/29.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.77	− 7 29.2	1.726	2.613	12.5	20.2
4 11	14 54.12	− 6 47.5	1.674	2.623	8.8	20.0
4 21	14 46.66	− 6 5.5	1.647	2.634	5.2	19.8
5 1	14 38.26	− 5 28.2	1.646	2.645	3.7	19.7
5 11	14 29.93	− 5 0.6	1.672	2.656	6.2	19.9
5 21	14 22.61	− 4 46.0	1.723	2.667	9.8	20.2
5 31	14 17.05	− 4 46.3	1.798	2.678	13.2	20.4
6 10	14 13.69	− 5 1.8	1.892	2.690	16.0	20.6

48835 1997 YK_{18} 5 2.0 139.°72 4.°6/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.62	− 2 35.1	2.308	3.187	10.1	18.7
4 11	14 52.28	− 1 36.3	2.252	3.192	7.4	18.5
4 21	14 45.58	− 0 40.2	2.222	3.198	5.2	18.4
5 1	14 38.16	+ 0 8.2	2.220	3.203	4.7	18.4
5 11	14 30.77	+ 0 44.7	2.245	3.207	6.5	18.5
5 21	14 24.10	+ 1 6.7	2.297	3.212	9.1	18.7
5 31	14 18.73	+ 1 12.7	2.373	3.216	11.7	18.8
6 10	14 15.06	+ 1 3.2	2.468	3.220	13.9	19.0

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2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.31	− 6 54.0	1.673	2.556	13.0	19.8
4 11	14 56.56	− 5 58.5	1.628	2.574	9.2	19.6
4 21	14 47.93	− 5 3.2	1.607	2.592	5.6	19.4
5 1	14 38.37	− 4 13.9	1.613	2.609	4.2	19.4
5 11	14 28.99	− 3 36.2	1.646	2.626	6.7	19.6
5 21	14 20.77	− 3 13.8	1.704	2.642	10.3	19.8
5 31	14 14.47	− 3 8.4	1.786	2.657	13.7	20.1
6 10	14 10.52	− 3 19.8	1.888	2.672	16.5	20.3