22042 1999 XP_{194} 9 13.9 327°.73 1°.1/12.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 44.27	− 7 21.0	3.945	4.792	7.3	19.0
8 19	23 40.76	− 7 43.2	3.862	4.787	5.5	18.9
8 29	23 36.34	− 8 8.7	3.805	4.782	3.4	18.7
9 8	23 31.33	− 8 35.2	3.776	4.778	1.4	18.6
9 18	23 26.08	− 9 0.4	3.777	4.774	1.7	18.6
9 28	23 20.98	− 9 21.9	3.808	4.769	3.8	18.7
10 8	23 16.44	− 9 37.7	3.867	4.765	5.8	18.9
10 18	23 12.76	− 9 46.3	3.951	4.761	7.7	19.0

322661 1999 RN_{170} 9 13.9 19°.81 0°.2/14.1 16

8 9	23 46.37	+ 0 1.8	0.897	1.794	21.4	20.1
8 19	23 44.64	− 0 27.9	0.855	1.804	16.4	19.8
8 29	23 39.78	− 1 21.0	0.830	1.815	10.4	19.6
9 8	23 32.81	− 2 30.0	0.824	1.828	4.0	19.3
9 18	23 25.13	− 3 43.7	0.840	1.843	2.6	19.2
9 28	23 18.40	− 4 49.7	0.877	1.860	8.8	19.7
10 8	23 13.93	− 5 38.1	0.935	1.878	14.3	20.0
10 18	23 12.44	− 6 3.9	1.011	1.897	18.9	20.4

335452 2005 UD_{456} 9 13.9 280°.44 2°.1/17.1 16

8 9	23 46.98	+ 6 45.9	3.254	4.049	10.0	20.9
8 19	23 43.07	+ 6 42.6	3.146	4.029	8.0	20.8
8 29	23 37.96	+ 6 28.6	3.061	4.009	5.7	20.6
9 8	23 32.00	+ 6 5.0	3.002	3.989	3.3	20.4
9 18	23 25.62	+ 5 33.7	2.973	3.969	2.2	20.3
9 28	23 19.35	+ 4 57.6	2.973	3.949	3.8	20.4
10 8	23 13.73	+ 4 20.0	3.002	3.929	6.2	20.5
10 18	23 9.19	+ 3 44.4	3.057	3.908	8.6	20.7

314493 2005 WH_{183} 9 13.9 328°.93 5°.0/ 9.2 18

8 9	23 51.92	−15 48.6	1.905	2.779	12.8	20.2
8 19	23 47.51	−16 35.9	1.836	2.772	9.8	20.0
8 29	23 41.07	−17 23.8	1.790	2.765	6.8	19.8
9 8	23 33.22	−18 5.8	1.770	2.759	5.1	19.7
9 18	23 24.82	−18 35.5	1.777	2.752	6.2	19.7
9 28	23 16.86	−18 48.1	1.809	2.747	9.1	19.9
10 8	23 10.24	−18 41.3	1.866	2.741	12.2	20.1
10 18	23 5.63	−18 15.4	1.944	2.736	15.1	20.3

62337 2000 SW_{127} 9 13.9 286°.04 2°.0/11.9 18

8 9	23 50.40	− 7 2.0	2.079	2.939	12.5	19.7
8 19	23 46.21	− 7 40.3	1.999	2.931	9.4	19.5
8 29	23 40.19	− 8 26.2	1.943	2.923	5.9	19.2
9 8	23 32.89	− 9 14.8	1.913	2.915	2.5	19.0
9 18	23 25.04	−10 0.6	1.911	2.907	3.2	19.0
9 28	23 17.51	−10 38.1	1.937	2.900	6.7	19.3
10 8	23 11.13	−11 3.3	1.988	2.892	10.2	19.5
10 18	23 6.52	−11 13.7	2.063	2.884	13.3	19.6

19336 1997 AF 9 13.9 342°.10 8°.1/ 7.4 18

8 9	23 41.68	−14 50.1	0.999	1.919	17.7	16.2
8 19	23 41.29	−16 18.0	0.933	1.895	13.7	15.9
8 29	23 37.91	−17 53.9	0.887	1.872	9.8	15.6
9 8	23 32.23	−19 24.1	0.860	1.852	8.1	15.5
9 18	23 25.44	−20 34.2	0.854	1.833	10.4	15.5
9 28	23 19.15	−21 11.6	0.868	1.817	14.7	15.7
10 8	23 14.89	−21 10.8	0.900	1.804	19.2	15.9
10 18	23 13.64	−20 32.6	0.947	1.793	23.3	16.2

511337 2014 EN_{16} 9 13.9 273°.89 1°.0/14.8 18

8 9	23 54.84	− 0 0.3	1.778	2.619	15.1	21.2
8 19	23 49.92	+ 0 4.5	1.694	2.610	11.7	20.9
8 29	23 42.74	− 0 2.9	1.631	2.602	7.7	20.7
9 8	23 33.91	− 0 20.3	1.593	2.593	3.4	20.4
9 18	23 24.34	− 0 43.7	1.582	2.585	1.8	20.3
9 28	23 15.12	− 1 8.3	1.599	2.576	6.2	20.6
10 8	23 7.29	− 1 28.6	1.641	2.568	10.5	20.8
10 18	23 1.63	− 1 40.6	1.707	2.559	14.2	21.0

257760 2000 BA_{37} 9 13.9 93°.09 4°.2/17.3 18

8 9	23 57.58	+ 7 36.9	1.607	2.420	17.6	20.3
8 19	23 51.99	+ 8 3.6	1.542	2.435	14.1	20.1
8 29	23 43.99	+ 8 10.8	1.498	2.449	10.2	19.9
9 8	23 34.35	+ 7 59.4	1.477	2.464	6.2	19.7
9 18	23 24.10	+ 7 32.0	1.483	2.478	4.2	19.6
9 28	23 14.47	+ 6 54.4	1.515	2.491	6.6	19.8
10 8	23 6.54	+ 6 13.6	1.573	2.505	10.4	20.0
10 18	23 1.02	+ 5 36.2	1.654	2.518	14.0	20.3

362952 2013 AE_{58} 9 13.9 220°.79 2°.6/16.6 18

8 9	23 52.69	+ 5 49.2	2.209	3.018	13.6	20.8
8 19	23 47.87	+ 5 53.9	2.120	3.013	10.8	20.6
8 29	23 41.24	+ 5 44.4	2.053	3.007	7.6	20.4
9 8	23 33.31	+ 5 21.9	2.011	3.002	4.3	20.2
9 18	23 24.79	+ 4 49.1	1.998	2.996	2.7	20.1
9 28	23 16.54	+ 4 10.3	2.012	2.990	5.2	20.2
10 8	23 9.39	+ 3 30.7	2.055	2.983	8.6	20.4
10 18	23 3.96	+ 2 55.2	2.122	2.977	11.7	20.6

474337 2002 HM_6 9 13.9 93°.08 4°.6/10.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 59.66	−15 7.4	1.846	2.708	13.7	21.3
8 19	23 53.06	−15 42.0	1.800	2.730	10.4	21.1
8 29	23 44.38	−16 16.2	1.777	2.751	7.0	21.0
9 8	23 34.41	−16 43.4	1.781	2.772	4.7	20.9
9 18	23 24.14	−16 58.5	1.812	2.792	5.6	21.0
9 28	23 14.65	−16 57.8	1.871	2.812	8.5	21.2
10 8	23 6.82	−16 40.3	1.955	2.832	11.7	21.4
10 18	23 1.21	−16 7.0	2.061	2.851	14.4	21.7

447392 2006 BR_{71} 9 13.9 312°.84 0°.2/13.8 17

8 9	23 51.87	− 3 17.4	1.909	2.761	13.7	21.2
8 19	23 47.63	− 3 20.7	1.813	2.739	10.5	20.9
8 29	23 41.30	− 3 33.6	1.740	2.717	6.8	20.7
9 8	23 33.40	− 3 52.8	1.692	2.695	2.6	20.4
9 18	23 24.72	− 4 14.5	1.671	2.673	1.9	20.3
9 28	23 16.25	− 4 33.7	1.677	2.652	6.3	20.5
10 8	23 8.98	− 4 45.8	1.710	2.632	10.4	20.7
10 18	23 3.68	− 4 47.6	1.765	2.611	14.1	20.9

283778 2003 PS_9 9 13.9 9°.71 25°.9/18.0 17

8 9	23 41.92	+49 18.9	1.076	1.683	35.1	17.8
8 19	23 42.68	+53 3.4	1.049	1.690	34.2	17.8
8 29	23 39.56	+55 55.4	1.027	1.700	33.1	17.7
9 8	23 33.11	+57 45.7	1.009	1.713	31.8	17.6
9 18	23 24.80	+58 26.6	0.997	1.730	30.3	17.6
9 28	23 17.12	+57 55.5	0.992	1.750	28.8	17.6
10 8	23 12.49	+56 17.5	0.994	1.773	27.2	17.6
10 18	23 12.39	+53 43.4	1.007	1.799	25.9	17.6

49180 1998 SE_{67} 9 13.9 16°.83 4°.1/10.9 18

8 9	23 47.98	− 7 53.5	1.050	1.952	18.6	17.1
8 19	23 45.60	− 8 59.6	1.004	1.957	13.9	16.9
8 29	23 40.30	−10 17.9	0.977	1.964	8.8	16.6
9 8	23 33.02	−11 37.5	0.971	1.973	4.5	16.4
9 18	23 25.05	−12 46.7	0.988	1.982	5.9	16.5
9 28	23 17.92	−13 35.3	1.027	1.993	10.7	16.8
10 8	23 12.87	−13 57.6	1.087	2.005	15.4	17.1
10 18	23 10.64	−13 53.1	1.165	2.018	19.4	17.4

60782 2000 GJ_{166} 9 13.9 342°.12 0°.9/13.2 18

8 9	23 50.28	− 3 26.3	1.711	2.573	14.6	19.8
8 19	23 46.45	− 3 57.0	1.637	2.569	11.1	19.6
8 29	23 40.50	− 4 39.5	1.586	2.565	7.0	19.4
9 8	23 33.06	− 5 29.0	1.558	2.562	2.6	19.1
9 18	23 24.99	− 6 19.4	1.558	2.559	2.4	19.1
9 28	23 17.33	− 7 3.9	1.584	2.556	6.9	19.3
10 8	23 11.06	− 7 36.9	1.635	2.554	11.0	19.6
10 18	23 6.86	− 7 55.1	1.708	2.552	14.6	19.8

449746 2014 OG_6 9 13.9 310°.81 4°.8/ 8.2 18

8 9	23 49.18	−15 25.6	2.179	3.052	11.5	20.2
8 19	23 45.20	−16 38.2	2.114	3.050	8.7	20.0
8 29	23 39.50	−17 52.4	2.074	3.048	6.1	19.9
9 8	23 32.63	−19 1.5	2.061	3.046	4.8	19.8
9 18	23 25.29	−19 58.9	2.075	3.044	6.0	19.9
9 28	23 18.31	−20 39.7	2.116	3.042	8.6	20.0
10 8	23 12.47	−21 0.8	2.181	3.041	11.3	20.2
10 18	23 8.32	−21 2.1	2.268	3.039	13.8	20.4

89488 2001 XG_{33} 9 13.9 82°.61 4°.5/18.9 18

8 9	23 50.88	+11 49.4	2.154	2.938	14.7	19.4
8 19	23 46.50	+12 1.9	2.076	2.945	12.0	19.3
8 29	23 40.34	+11 56.2	2.019	2.952	9.1	19.1
9 8	23 32.96	+11 32.6	1.985	2.958	6.2	18.9
9 18	23 25.07	+10 53.4	1.979	2.965	4.5	18.8
9 28	23 17.52	+10 3.1	2.000	2.972	5.7	18.9
10 8	23 11.12	+ 9 7.8	2.048	2.979	8.4	19.1
10 18	23 6.46	+ 8 13.2	2.121	2.985	11.3	19.3

202073 2004 SL_{24} 9 14.0 289°.91 1°.3/12.8 18

8 9	23 51.60	− 4 4.3	1.654	2.517	15.0	21.3
8 19	23 47.69	− 4 39.7	1.568	2.500	11.4	21.1
8 29	23 41.45	− 5 27.9	1.504	2.484	7.2	20.8
9 8	23 33.49	− 6 23.6	1.464	2.467	2.7	20.5
9 18	23 24.69	− 7 20.3	1.450	2.451	2.9	20.5
9 28	23 16.19	− 8 10.3	1.463	2.434	7.5	20.7
10 8	23 9.10	− 8 47.2	1.501	2.418	12.0	20.9
10 18	23 4.22	− 9 7.2	1.561	2.402	15.9	21.1

469414 2001 WG_{51} 9 14.0 345°.40 2°.2/12.6 18

8 9	23 48.90	− 6 11.5	1.108	2.002	18.4	20.5
8 19	23 46.45	− 6 29.3	1.041	1.990	14.0	20.2
8 29	23 41.03	− 6 59.6	0.992	1.979	8.9	19.9
9 8	23 33.40	− 7 36.1	0.965	1.969	3.5	19.5
9 18	23 24.76	− 8 10.4	0.960	1.961	3.9	19.5
9 28	23 16.70	− 8 33.8	0.978	1.954	9.5	19.8
10 8	23 10.63	− 8 40.1	1.018	1.949	14.7	20.1
10 18	23 7.51	− 8 26.5	1.075	1.946	19.3	20.4

402189 2004 TN_{139} 9 14.0 326°.87 2°.4/16.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 51.23	+ 4 18.6	2.072	2.895	13.9	20.5
8 19	23 46.88	+ 4 28.9	1.987	2.889	11.0	20.3
8 29	23 40.66	+ 4 25.5	1.924	2.884	7.6	20.1
9 8	23 33.11	+ 4 9.9	1.885	2.879	4.1	19.8
9 18	23 24.97	+ 3 44.9	1.874	2.874	2.5	19.7
9 28	23 17.13	+ 3 14.6	1.891	2.869	5.3	19.9
10 8	23 10.43	+ 2 44.2	1.934	2.865	8.9	20.1
10 18	23 5.51	+ 2 18.2	2.002	2.860	12.1	20.3

97647 2000 EG_{201} 9 14.0 293°.01 1°.8/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 49.55	− 7 12.9	2.353	3.209	11.3	19.1
8 19	23 45.35	− 7 46.9	2.275	3.205	8.5	18.9
8 29	23 39.55	− 8 27.2	2.221	3.200	5.3	18.7
9 8	23 32.66	− 9 9.5	2.193	3.195	2.3	18.5
9 18	23 25.31	− 9 49.3	2.194	3.190	2.8	18.5
9 28	23 18.27	−10 21.8	2.223	3.186	6.0	18.7
10 8	23 12.23	−10 43.7	2.279	3.181	9.2	18.9
10 18	23 7.74	−10 53.0	2.359	3.177	11.9	19.1

153266 2001 CH_{21} 9 14.0 55°.84 4°.8/19.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 49.30	+13 27.8	2.256	3.031	14.4	19.6
8 19	23 45.28	+13 36.1	2.173	3.033	11.9	19.4
8 29	23 39.58	+13 25.7	2.110	3.035	9.1	19.2
9 8	23 32.69	+12 56.8	2.070	3.038	6.4	19.1
9 18	23 25.29	+12 11.5	2.058	3.040	4.8	19.0
9 28	23 18.19	+11 14.1	2.073	3.043	5.7	19.1
10 8	23 12.15	+10 10.7	2.114	3.045	8.2	19.2
10 18	23 7.74	+ 9 7.6	2.182	3.048	11.0	19.4

385763 2005 YF_{76} 9 14.0 292°.09 3°.4/11.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 52.16	− 8 36.0	1.571	2.445	15.0	21.4
8 19	23 48.26	− 9 26.8	1.488	2.427	11.4	21.1
8 29	23 41.90	−10 27.4	1.427	2.409	7.3	20.8
9 8	23 33.69	−11 30.8	1.390	2.391	3.7	20.6
9 18	23 24.60	−12 28.9	1.379	2.373	4.8	20.6
9 28	23 15.83	−13 13.4	1.394	2.354	9.1	20.8
10 8	23 8.57	−13 38.7	1.433	2.336	13.4	21.0
10 18	23 3.67	−13 42.6	1.492	2.319	17.2	21.2

399146 2014 EQ_{39} 9 14.0 98°.00 4°.8/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 53.20	−15 10.4	2.025	2.894	12.4	21.1
8 19	23 48.20	−16 13.9	1.976	2.909	9.4	20.9
8 29	23 41.35	−17 17.9	1.951	2.924	6.4	20.8
9 8	23 33.32	−18 15.6	1.952	2.939	4.8	20.7
9 18	23 24.94	−19 0.7	1.980	2.954	5.9	20.8
9 28	23 17.10	−19 28.7	2.036	2.968	8.6	21.0
10 8	23 10.60	−19 37.6	2.117	2.982	11.4	21.2
10 18	23 5.99	−19 27.7	2.219	2.996	13.9	21.4

436264 2010 CO_{24} 9 14.0 125°.97 0°.1/13.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 52.33	− 0 49.6	1.838	2.684	14.4	21.9
8 19	23 47.79	− 1 24.3	1.769	2.691	11.0	21.7
8 29	23 41.25	− 2 12.2	1.722	2.697	7.0	21.5
9 8	23 33.34	− 3 8.8	1.701	2.703	2.6	21.2
9 18	23 24.90	− 4 8.3	1.707	2.709	1.8	21.2
9 28	23 16.93	− 5 3.9	1.741	2.715	6.2	21.5
10 8	23 10.30	− 5 49.8	1.801	2.721	10.1	21.7
10 18	23 5.67	− 6 22.3	1.885	2.726	13.5	21.9

188417 2004 FO_{25} 9 14.0 179°.92 0°.4/13.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 53.75	− 1 17.3	1.838	2.683	14.5	21.6
8 19	23 48.94	− 1 55.9	1.762	2.684	11.0	21.4
8 29	23 42.03	− 2 47.9	1.709	2.685	7.0	21.1
9 8	23 33.66	− 3 48.6	1.682	2.685	2.6	20.9
9 18	23 24.69	− 4 51.9	1.683	2.685	2.0	20.8
9 28	23 16.13	− 5 50.8	1.711	2.684	6.4	21.1
10 8	23 8.94	− 6 39.2	1.766	2.683	10.5	21.3
10 18	23 3.80	− 7 13.3	1.844	2.681	14.0	21.6

33749 1999 QO 9 14.0 296°.07 3°.6/17.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 48.69	+ 9 39.3	2.124	2.925	14.3	18.4
8 19	23 44.96	+ 9 33.5	2.034	2.918	11.6	18.2
8 29	23 39.46	+ 9 9.6	1.966	2.911	8.5	18.0
9 8	23 32.68	+ 8 28.5	1.921	2.904	5.4	17.8
9 18	23 25.32	+ 7 33.2	1.904	2.898	3.6	17.6
9 28	23 18.22	+ 6 29.0	1.914	2.891	5.4	17.8
10 8	23 12.19	+ 5 22.5	1.951	2.885	8.6	17.9
10 18	23 7.87	+ 4 19.8	2.013	2.878	11.8	18.1

222199 2000 DL_{89} 9 14.0 301°.93 1°.5/12.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 47.77	− 4 38.8	2.139	2.997	12.3	20.4
8 19	23 44.26	− 5 26.9	2.051	2.981	9.2	20.1
8 29	23 39.01	− 6 25.2	1.986	2.966	5.8	19.9
9 8	23 32.51	− 7 29.1	1.947	2.950	2.3	19.7
9 18	23 25.43	− 8 32.8	1.936	2.935	2.7	19.7
9 28	23 18.58	− 9 30.1	1.953	2.919	6.4	19.9
10 8	23 12.77	−10 15.8	1.996	2.904	9.9	20.1
10 18	23 8.61	−10 46.5	2.063	2.890	13.1	20.2

150237 1998 XD_{23} 9 14.0 327°.86 4°.8/17.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 49.65	+ 8 52.8	1.359	2.194	19.2	19.6
8 19	23 46.65	+ 9 6.4	1.280	2.184	15.6	19.4
8 29	23 41.02	+ 8 55.2	1.218	2.174	11.5	19.1
9 8	23 33.40	+ 8 19.4	1.177	2.165	7.2	18.9
9 18	23 24.81	+ 7 22.4	1.160	2.156	4.8	18.7
9 28	23 16.60	+ 6 11.9	1.167	2.148	7.4	18.8
10 8	23 10.04	+ 4 58.1	1.198	2.141	11.8	19.1
10 18	23 6.07	+ 3 50.7	1.250	2.134	16.2	19.3

448684 2010 WY_{31} 9 14.0 151°.29 5°.4/ 7.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 51.41	−18 52.9	2.319	3.187	11.1	21.0
8 19	23 46.77	−19 52.4	2.259	3.188	8.6	20.9
8 29	23 40.45	−20 50.2	2.223	3.189	6.3	20.7
9 8	23 33.00	−21 40.1	2.214	3.191	5.4	20.7
9 18	23 25.15	−22 16.8	2.232	3.192	6.4	20.8
9 28	23 17.70	−22 36.2	2.277	3.192	8.7	20.9
10 8	23 11.39	−22 36.7	2.347	3.193	11.1	21.1
10 18	23 6.76	−22 18.9	2.438	3.194	13.4	21.2

346517 2008 UQ_{160} 9 14.0 350°.63 1°.3/13.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 49.83	− 4 14.5	1.326	2.205	17.0	20.4
8 19	23 46.68	− 4 38.9	1.258	2.199	12.9	20.2
8 29	23 40.94	− 5 16.6	1.211	2.194	8.1	19.9
9 8	23 33.33	− 6 2.1	1.186	2.189	3.0	19.6
9 18	23 24.92	− 6 47.8	1.185	2.186	3.0	19.6
9 28	23 17.05	− 7 25.6	1.209	2.184	8.2	19.9
10 8	23 10.91	− 7 49.3	1.255	2.182	12.9	20.1
10 18	23 7.32	− 7 55.4	1.323	2.182	17.1	20.4

515505 2014 DP_{147} 9 14.0 193°.59 4°.2/ 9.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 51.48	−13 19.5	2.155	3.022	11.8	21.8
8 19	23 46.96	−14 27.0	2.087	3.021	8.9	21.6
8 29	23 40.65	−15 37.8	2.043	3.019	6.0	21.4
9 8	23 33.12	−16 45.1	2.027	3.017	4.2	21.3
9 18	23 25.09	−17 42.7	2.038	3.015	5.4	21.4
9 28	23 17.44	−18 25.0	2.077	3.013	8.2	21.6
10 8	23 10.95	−18 48.9	2.141	3.010	11.1	21.7
10 18	23 6.23	−18 53.8	2.227	3.008	13.7	21.9

193376 2000 UP_{109} 9 14.0 270°.65 4°.4/ 9.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 53.15	−12 15.8	1.950	2.818	12.9	19.9
8 19	23 48.67	−13 23.5	1.858	2.792	9.8	19.6
8 29	23 42.02	−14 37.8	1.789	2.766	6.6	19.4
9 8	23 33.74	−15 51.5	1.746	2.740	4.4	19.2
9 18	23 24.62	−16 56.8	1.731	2.712	5.8	19.2
9 28	23 15.70	−17 46.6	1.743	2.685	9.1	19.4
10 8	23 8.00	−18 16.0	1.780	2.656	12.7	19.5
10 18	23 2.30	−18 23.5	1.839	2.628	15.9	19.7

236614 2006 JA_{46} 9 14.0 127°.50 3°.2/10.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 54.67	−10 45.1	2.028	2.889	12.7	20.8
8 19	23 49.32	−11 29.8	1.968	2.900	9.5	20.6
8 29	23 42.10	−12 18.5	1.932	2.910	6.1	20.4
9 8	23 33.64	−13 5.5	1.923	2.920	3.4	20.3
9 18	23 24.77	−13 44.9	1.941	2.930	4.3	20.4
9 28	23 16.41	−14 12.0	1.988	2.939	7.4	20.6
10 8	23 9.38	−14 23.8	2.060	2.948	10.7	20.8
10 18	23 4.26	−14 19.7	2.155	2.957	13.5	21.0

179765 2002 SQ_{6} 9 14.0 343°.97 1°.3/13.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 46.37	− 3 36.0	1.025	1.922	19.3	18.8
8 19	23 44.74	− 3 58.4	0.958	1.908	14.8	18.4
8 29	23 40.07	− 4 38.6	0.909	1.895	9.4	18.1
9 8	23 33.11	− 5 30.3	0.880	1.884	3.5	17.7
9 18	23 25.06	− 6 24.3	0.873	1.875	3.4	17.7
9 28	23 17.57	− 7 9.9	0.887	1.867	9.4	18.0
10 8	23 12.10	− 7 38.2	0.923	1.861	15.1	18.3
10 18	23 9.66	− 7 44.5	0.976	1.856	19.9	18.6

191107 2002 ER_{57} 9 14.0 309°.77 0°.8/15.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 43.79	+ 2 16.0	4.136	4.949	7.7	19.8
8 19	23 40.40	+ 2 4.3	4.045	4.945	5.9	19.7
8 29	23 36.16	+ 1 45.7	3.979	4.941	4.0	19.5
9 8	23 31.34	+ 1 21.9	3.941	4.937	1.9	19.4
9 18	23 26.29	+ 0 54.6	3.932	4.934	1.0	19.3
9 28	23 21.37	+ 0 26.2	3.953	4.930	2.9	19.4
10 8	23 16.96	− 0 1.1	4.003	4.926	4.9	19.6
10 18	23 13.36	− 0 24.9	4.081	4.923	6.8	19.7

400990 2011 BB_{61} 9 14.0 310°.03 3°.7/17.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 50.57	+ 7 54.6	2.086	2.893	14.3	20.7
8 19	23 46.52	+ 8 14.6	1.988	2.876	11.7	20.5
8 29	23 40.55	+ 8 19.0	1.911	2.859	8.5	20.3
9 8	23 33.16	+ 8 8.2	1.858	2.842	5.4	20.1
9 18	23 25.05	+ 7 44.0	1.832	2.826	3.7	19.9
9 28	23 17.11	+ 7 10.0	1.833	2.810	5.7	20.0
10 8	23 10.25	+ 6 31.8	1.861	2.794	9.0	20.2
10 18	23 5.17	+ 5 54.9	1.913	2.778	12.3	20.4

391281 2006 SR_{171} 9 14.0 52°.81 0°.5/14.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 51.37	− 0 2.0	1.873	2.717	14.3	21.4
8 19	23 47.06	− 0 21.1	1.802	2.722	10.9	21.2
8 29	23 40.80	− 0 53.2	1.753	2.726	7.1	21.0
9 8	23 33.20	− 1 34.6	1.728	2.730	2.9	20.8
9 18	23 25.07	− 2 20.4	1.731	2.734	1.6	20.7
9 28	23 17.36	− 3 4.7	1.762	2.739	5.8	21.0
10 8	23 10.96	− 3 42.1	1.819	2.743	9.7	21.2
10 18	23 6.48	− 4 8.6	1.899	2.748	13.1	21.5

122845 2000 SM_{126} 9 14.0 85°.50 2°.3/12.3 18

8 9	23 56.44	− 7 59.5	1.658	2.521	15.0	19.5
8 19	23 51.10	− 8 20.1	1.594	2.526	11.3	19.3
8 29	23 43.44	− 8 47.4	1.552	2.531	7.1	19.1
9 8	23 34.22	− 9 16.0	1.534	2.536	3.0	18.9
9 18	23 24.43	− 9 40.1	1.544	2.542	3.5	18.9
9 28	23 15.24	− 9 54.6	1.581	2.547	7.6	19.2
10 8	23 7.66	− 9 55.8	1.643	2.552	11.6	19.4
10 18	23 2.40	− 9 42.5	1.727	2.557	15.1	19.7

390346 2013 CY_{109} 9 14.0 277°.16 1°.6/10.8 18

8 9	23 43.36	−10 7.5	4.350	5.203	6.6	21.5
8 19	23 40.07	−10 41.2	4.262	5.190	4.9	21.3
8 29	23 35.95	−11 17.2	4.200	5.178	3.1	21.2
9 8	23 31.28	−11 53.2	4.167	5.165	1.7	21.1
9 18	23 26.36	−12 26.6	4.163	5.153	2.2	21.1
9 28	23 21.57	−12 55.2	4.190	5.140	3.9	21.2
10 8	23 17.26	−13 17.0	4.244	5.127	5.7	21.3
10 18	23 13.72	−13 30.8	4.324	5.115	7.4	21.5

257178 2008 JE_{29} 9 14.0 30°.94 9°.0/ 4.3 18

8 9	23 53.46	−28 22.4	1.962	2.828	12.8	19.7
8 19	23 48.67	−29 39.7	1.920	2.833	10.8	19.6
8 29	23 41.79	−30 47.1	1.902	2.838	9.3	19.5
9 8	23 33.55	−31 36.1	1.907	2.844	9.1	19.5
9 18	23 24.90	−32 1.0	1.937	2.849	10.3	19.6
9 28	23 16.87	−31 58.5	1.990	2.855	12.2	19.7
10 8	23 10.36	−31 29.5	2.065	2.861	14.3	19.9
10 18	23 5.96	−30 36.9	2.158	2.867	16.2	20.0

183667 2003 WQ_{133} 9 14.0 304°.37 1°.8/15.4 17

8 9	23 50.36	+ 3 14.9	1.331	2.187	18.3	20.5
8 19	23 47.32	+ 2 59.7	1.247	2.171	14.4	20.2
8 29	23 41.54	+ 2 22.4	1.181	2.154	9.8	19.9
9 8	23 33.67	+ 1 25.7	1.138	2.138	4.6	19.5
9 18	23 24.72	+ 0 15.7	1.119	2.122	2.3	19.3
9 28	23 16.09	− 0 58.2	1.124	2.106	7.5	19.6
10 8	23 9.12	− 2 5.7	1.153	2.091	12.8	19.9
10 18	23 4.81	− 2 58.6	1.203	2.076	17.5	20.1

138881 2000 YD_{9} 9 14.0 192°.78 2°.6/16.7 18

8 9	23 52.03	+ 6 25.9	2.025	2.838	14.5	20.5
8 19	23 47.53	+ 6 13.9	1.941	2.837	11.5	20.3
8 29	23 41.12	+ 5 44.9	1.879	2.836	8.1	20.1
9 8	23 33.35	+ 5 0.9	1.842	2.834	4.5	19.9
9 18	23 25.00	+ 4 5.6	1.832	2.832	2.6	19.8
9 28	23 16.97	+ 3 4.9	1.851	2.830	5.4	19.9
10 8	23 10.14	+ 2 5.3	1.897	2.827	9.0	20.2
10 18	23 5.15	+ 1 12.5	1.967	2.824	12.4	20.4

39179 2000 WU_{158} 9 14.0 293°.94 0°.1/14.1 18

8 9	23 47.21	+ 1 1.8	2.084	2.926	13.1	19.4
8 19	23 43.88	+ 0 9.0	1.996	2.916	10.1	19.2
8 29	23 38.80	− 0 59.0	1.932	2.905	6.5	18.9
9 8	23 32.47	− 2 17.9	1.893	2.895	2.5	18.7
9 18	23 25.58	− 3 41.9	1.882	2.885	1.6	18.6
9 28	23 18.94	− 5 3.8	1.900	2.875	5.7	18.8
10 8	23 13.36	− 6 16.9	1.944	2.865	9.4	19.1
10 18	23 9.44	− 7 16.1	2.013	2.855	12.8	19.3

257706 1999 XX_{62} 9 14.0 302°.70 10°.6/31.2 18

8 9	23 54.75	−36 4.8	2.187	3.030	12.6	19.9
8 19	23 49.71	−37 31.8	2.145	3.024	11.3	19.8
8 29	23 42.51	−38 44.7	2.124	3.018	10.6	19.7
9 8	23 33.86	−39 35.4	2.127	3.012	10.9	19.7
9 18	23 24.71	−39 58.2	2.153	3.007	12.0	19.8
9 28	23 16.13	−39 50.7	2.201	3.001	13.5	19.9
10 8	23 9.07	−39 14.0	2.268	2.996	15.1	20.0
10 18	23 4.17	−38 11.9	2.351	2.990	16.6	20.1

128743 2004 RM_{163} 9 14.0 271°.62 2°.6/16.3 17

8 9	23 57.71	+ 3 57.1	2.443	3.244	12.7	19.8
8 19	23 51.64	+ 4 33.1	2.339	3.228	10.1	19.6
8 29	23 43.69	+ 4 59.5	2.259	3.212	7.1	19.4
9 8	23 34.36	+ 5 16.5	2.206	3.196	4.1	19.2
9 18	23 24.33	+ 5 25.0	2.182	3.179	2.7	19.1
9 28	23 14.45	+ 5 27.4	2.189	3.163	5.1	19.2
10 8	23 5.58	+ 5 26.7	2.224	3.146	8.3	19.4
10 18	22 58.40	+ 5 26.4	2.285	3.129	11.4	19.6

216359 2008 AX_{24} 9 14.0 105°.05 1°.2/12.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 51.33	− 4 45.8	2.061	2.914	12.8	21.1
8 19	23 46.87	− 5 19.4	1.990	2.918	9.6	21.0
8 29	23 40.61	− 6 1.7	1.943	2.922	6.0	20.7
9 8	23 33.13	− 6 48.3	1.923	2.926	2.3	20.5
9 18	23 25.18	− 7 33.8	1.930	2.930	2.4	20.5
9 28	23 17.64	− 8 13.0	1.965	2.933	6.2	20.8
10 8	23 11.29	− 8 41.6	2.027	2.937	9.7	21.0
10 18	23 6.71	− 8 57.1	2.112	2.941	12.7	21.2

155348 2007 BE_{44} 9 14.0 217°.72 0°.2/14.2 18

8 9	23 53.71	− 0 15.3	1.870	2.711	14.5	20.9
8 19	23 48.98	− 0 43.4	1.786	2.705	11.1	20.7
8 29	23 42.13	− 1 25.3	1.725	2.698	7.2	20.5
9 8	23 33.77	− 2 17.2	1.689	2.691	2.8	20.2
9 18	23 24.73	− 3 13.7	1.681	2.684	1.7	20.1
9 28	23 16.03	− 4 8.3	1.701	2.676	6.2	20.4
10 8	23 8.63	− 4 54.7	1.747	2.667	10.3	20.6
10 18	23 3.26	− 5 28.5	1.817	2.658	13.9	20.8

466513 2014 OW_{338} 9 14.0 303°.53 6°.0/16.8 17

8 9	23 56.39	+ 5 40.6	1.066	1.921	22.0	21.0
8 19	23 52.89	+ 6 48.0	0.979	1.897	18.0	20.7
8 29	23 45.75	+ 7 37.0	0.910	1.873	13.3	20.3
9 8	23 35.53	+ 8 4.5	0.859	1.850	8.4	20.0
9 18	23 23.43	+ 8 9.5	0.830	1.827	6.1	19.8
9 28	23 11.40	+ 7 55.5	0.824	1.804	9.7	19.9
10 8	23 1.45	+ 7 31.0	0.838	1.782	15.4	20.1
10 18	22 55.07	+ 7 5.8	0.870	1.761	20.8	20.4

356209 2009 RS_{31} 9 14.0 281°.90 0°.6/12.9 18

8 9	23 44.34	− 5 16.3	4.333	5.171	6.9	20.8
8 19	23 40.78	− 5 33.0	4.244	5.164	5.2	20.6
8 29	23 36.40	− 5 53.5	4.181	5.157	3.2	20.5
9 8	23 31.46	− 6 15.8	4.147	5.150	1.2	20.3
9 18	23 26.30	− 6 37.9	4.143	5.143	1.2	20.3
9 28	23 21.27	− 6 57.7	4.169	5.136	3.2	20.5
10 8	23 16.73	− 7 13.4	4.223	5.129	5.2	20.6
10 18	23 12.97	− 7 23.4	4.305	5.122	7.0	20.7

263139 2007 VJ_{170} 9 14.0 311°.49 2°.4/15.8 17

8 9	23 50.84	+ 3 49.9	1.251	2.109	19.1	21.1
8 19	23 47.82	+ 3 46.7	1.171	2.094	15.2	20.8
8 29	23 41.94	+ 3 20.9	1.109	2.080	10.4	20.5
9 8	23 33.86	+ 2 34.6	1.068	2.066	5.2	20.1
9 18	23 24.66	+ 1 33.4	1.051	2.053	2.8	20.0
9 28	23 15.83	+ 0 26.3	1.058	2.040	7.7	20.2
10 8	23 8.78	− 0 36.1	1.087	2.028	13.0	20.5
10 18	23 4.54	− 1 25.4	1.137	2.016	17.8	20.7

17221 2000 CZ_{28} 9 14.0 321°.60 1°.9/11.9 18

8 9	23 46.20	− 4 39.3	1.887	2.754	13.2	17.6
8 19	23 43.34	− 5 40.3	1.800	2.735	10.0	17.4
8 29	23 38.59	− 6 53.8	1.735	2.717	6.2	17.2
9 8	23 32.44	− 8 14.2	1.697	2.700	2.6	16.9
9 18	23 25.63	− 9 34.3	1.685	2.682	3.3	16.9
9 28	23 19.08	−10 46.2	1.700	2.666	7.2	17.1
10 8	23 13.65	−11 43.5	1.741	2.649	11.1	17.3
10 18	23 10.04	−12 22.2	1.804	2.634	14.5	17.5

512586 2016 SM_{42} 9 14.0 214°.49 4°.3/10.7 18

8 9	23 58.11	−14 4.0	1.814	2.678	13.8	21.7
8 19	23 52.27	−14 30.5	1.745	2.677	10.5	21.5
8 29	23 44.18	−14 58.1	1.700	2.675	7.0	21.3
9 8	23 34.54	−15 20.6	1.680	2.674	4.4	21.2
9 18	23 24.32	−15 32.5	1.687	2.672	5.4	21.2
9 28	23 14.65	−15 29.3	1.722	2.671	8.6	21.4
10 8	23 6.55	−15 9.4	1.782	2.669	12.1	21.6
10 18	23 0.69	−14 33.3	1.864	2.667	15.2	21.8

452714 2005 YY_{137} 9 14.0 79°.25 7°.3/22.8 17

8 9	23 52.86	+20 51.7	2.360	3.077	15.3	21.6
8 19	23 47.98	+21 37.3	2.284	3.090	13.2	21.5
8 29	23 41.33	+22 2.3	2.227	3.102	11.0	21.4
9 8	23 33.43	+22 5.2	2.193	3.115	8.9	21.3
9 18	23 25.02	+21 46.0	2.183	3.128	7.5	21.2
9 28	23 16.94	+21 7.7	2.200	3.140	7.5	21.2
10 8	23 9.98	+20 15.5	2.243	3.153	8.9	21.3
10 18	23 4.74	+19 15.9	2.311	3.165	10.9	21.5

450486 2005 YL_{62} 9 14.0 238°.00 0°.8/13.1 18

8 9	23 49.85	− 3 40.3	2.514	3.357	11.1	22.4
8 19	23 45.55	− 4 13.1	2.426	3.348	8.4	22.2
8 29	23 39.72	− 4 54.3	2.363	3.339	5.3	22.0
9 8	23 32.81	− 5 40.3	2.327	3.330	2.0	21.8
9 18	23 25.44	− 6 27.0	2.320	3.320	1.9	21.8
9 28	23 18.30	− 7 9.7	2.341	3.310	5.3	22.0
10 8	23 12.08	− 7 44.3	2.391	3.300	8.4	22.2
10 18	23 7.31	− 8 8.1	2.465	3.290	11.3	22.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
103965 2000 DW_{78}			9 14.0 152°.93		0°.7/13.3 18	
	h m	° ′			°	m
8 9	23 50.78	− 2 18.1	2.114	2.960	12.8	20.0
8 19	23 46.44	− 3 3.0	2.041	2.964	9.7	19.8
8 29	23 40.34	− 3 58.9	1.992	2.968	6.1	19.6
9 8	23 33.06	− 5 1.3	1.969	2.972	2.2	19.4
9 18	23 25.30	− 6 4.6	1.974	2.975	2.0	19.4
9 28	23 17.91	− 7 2.8	2.008	2.978	5.8	19.6
10 8	23 11.67	− 7 50.7	2.068	2.981	9.4	19.9
10 18	23 7.14	− 8 25.0	2.153	2.983	12.5	20.1
290469 2005 TC_{181}			9 14.0 120°.33		1°.1/15.9 18	
8 9	23 45.61	+ 3 51.2	3.391	4.201	9.3	21.6
8 19	23 41.92	+ 3 24.2	3.312	4.209	7.2	21.4
8 29	23 37.20	+ 2 47.9	3.257	4.217	4.8	21.3
9 8	23 31.80	+ 2 4.3	3.229	4.225	2.4	21.1
9 18	23 26.13	+ 1 16.1	3.231	4.233	1.2	21.1
9 28	23 20.67	+ 0 26.7	3.263	4.241	3.4	21.2
10 8	23 15.87	− 0 20.5	3.324	4.248	5.8	21.4
10 18	23 12.09	− 1 2.5	3.412	4.256	8.0	21.6
272640 2005 WN_{84}			9 14.0 183°.43		0°.6/13.5 18	
8 9	23 53.75	− 2 24.5	1.844	2.693	14.3	21.5
8 19	23 48.97	− 2 55.9	1.770	2.693	10.9	21.3
8 29	23 42.10	− 3 39.4	1.717	2.693	6.9	21.0
9 8	23 33.77	− 4 30.2	1.690	2.693	2.6	20.8
9 18	23 24.84	− 5 22.7	1.690	2.692	2.1	20.7
9 28	23 16.33	− 6 10.6	1.719	2.691	6.4	21.0
10 8	23 9.18	− 6 48.2	1.773	2.690	10.5	21.3
10 18	23 4.06	− 7 12.1	1.851	2.688	13.9	21.5
446654 2015 NE_{8}			9 14.0 194°.69		3°.0/17.2 18	
8 9	23 51.20	+ 7 41.9	2.063	2.871	14.5	21.2
8 19	23 46.89	+ 7 33.9	1.980	2.870	11.6	21.0
8 29	23 40.72	+ 7 8.6	1.917	2.869	8.2	20.8
9 8	23 33.24	+ 6 27.6	1.879	2.868	4.8	20.6
9 18	23 25.18	+ 5 34.2	1.869	2.866	3.0	20.5
9 28	23 17.44	+ 4 34.0	1.886	2.865	5.3	20.6
10 8	23 10.86	+ 3 33.5	1.931	2.863	8.8	20.8
10 18	23 6.07	+ 2 38.5	2.000	2.861	12.1	21.0
455043 2015 UD_{7}			9 14.0 299°.42		5°.6/ 7.8 18	
8 9	23 51.19	−18 18.4	2.135	3.007	11.7	20.8
8 19	23 46.85	−19 19.5	2.067	3.000	9.1	20.6
8 29	23 40.66	−20 19.9	2.024	2.992	6.7	20.4
9 8	23 33.20	−21 12.7	2.006	2.985	5.6	20.3
9 18	23 25.22	−21 51.9	2.015	2.978	6.8	20.4
9 28	23 17.63	−22 12.8	2.051	2.970	9.2	20.5
10 8	23 11.23	−22 13.3	2.110	2.963	11.9	20.7
10 18	23 6.65	−21 53.8	2.191	2.957	14.4	20.9
324181 2006 AC_{35}			9 14.0 159°.02		2°.4/16.9 18	
8 9	23 50.71	+ 6 11.8	2.488	3.292	12.4	21.7
8 19	23 46.18	+ 6 12.4	2.404	3.294	9.8	21.5
8 29	23 40.11	+ 5 59.9	2.343	3.296	6.9	21.4
9 8	23 32.97	+ 5 35.7	2.308	3.297	4.0	21.2
9 18	23 25.38	+ 5 2.5	2.301	3.299	2.5	21.1
9 28	23 18.07	+ 4 24.1	2.323	3.300	4.6	21.2
10 8	23 11.72	+ 3 45.1	2.373	3.302	7.6	21.4
10 18	23 6.86	+ 3 9.6	2.449	3.303	10.4	21.6
371474 2006 TL_{21}			9 14.0 293°.75		6°.0/ 9.8 18	
8 9	23 56.70	−14 57.2	1.416	2.297	16.0	20.5
8 19	23 52.08	−15 44.4	1.338	2.278	12.4	20.3
8 29	23 44.56	−16 34.8	1.281	2.258	8.5	20.0
9 8	23 34.85	−17 19.3	1.247	2.239	6.0	19.8
9 18	23 24.10	−17 48.9	1.238	2.219	7.4	19.8
9 28	23 13.78	−17 56.2	1.253	2.200	11.3	20.0
10 8	23 5.29	−17 38.2	1.291	2.181	15.6	20.2
10 18	22 59.60	−16 55.8	1.348	2.162	19.4	20.4
474219 2000 VT_{64}			9 14.0 320°.92		3°.0/16.2 18	
8 9	23 49.50	+ 4 10.9	1.361	2.214	18.2	20.7
8 19	23 46.73	+ 4 24.6	1.269	2.189	14.5	20.4
8 29	23 41.25	+ 4 18.6	1.196	2.165	10.2	20.1
9 8	23 33.64	+ 3 53.7	1.144	2.141	5.5	19.8
9 18	23 24.85	+ 3 13.3	1.116	2.117	3.2	19.6
9 28	23 16.24	+ 2 24.2	1.112	2.095	7.4	19.8
10 8	23 9.20	+ 1 35.3	1.131	2.073	12.5	20.0
10 18	23 4.77	+ 0 54.7	1.171	2.053	17.2	20.2
491922 2013 CL_{79}			9 14.0 207°.56		1°.9/15.9 18	
8 9	23 51.75	+ 3 48.6	2.047	2.871	14.0	21.6
8 19	23 47.30	+ 3 41.9	1.965	2.870	11.0	21.4
8 29	23 40.97	+ 3 20.7	1.906	2.869	7.5	21.2
9 8	23 33.34	+ 2 47.2	1.872	2.868	3.8	21.0
9 18	23 25.14	+ 2 5.3	1.865	2.866	2.1	20.9
9 28	23 17.27	+ 1 20.0	1.886	2.865	5.3	21.1
10 8	23 10.58	+ 0 36.9	1.935	2.863	9.0	21.3
10 18	23 5.70	+ 0 0.8	2.007	2.862	12.3	21.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
65291 2002 JX_{11}			9 14.0 15°.40		3°.6/11.9 18	
	h m	° ′			°	m
8 9	23 53.11	− 8 56.1	1.021	1.919	19.4	18.2
8 19	23 49.66	− 9 20.3	0.972	1.923	14.6	18.0
8 29	23 43.03	− 9 53.5	0.942	1.928	9.3	17.7
9 8	23 34.21	−10 27.3	0.932	1.935	4.3	17.5
9 18	23 24.63	−10 52.6	0.945	1.942	5.2	17.5
9 28	23 15.99	−11 2.0	0.980	1.951	10.3	17.9
10 8	23 9.66	−10 51.3	1.036	1.961	15.2	18.2
10 18	23 6.44	−10 20.5	1.111	1.972	19.5	18.5
342768 2008 WL_{98}			9 14.0 226°.65		1°.0/14.9 18	
8 9	23 54.49	+ 0 48.8	2.096	2.925	13.5	20.7
8 19	23 49.40	+ 0 41.8	2.006	2.916	10.5	20.5
8 29	23 42.35	+ 0 22.8	1.940	2.908	6.9	20.3
9 8	23 33.89	− 0 5.7	1.899	2.898	3.1	20.0
9 18	23 24.79	− 0 40.0	1.886	2.889	1.6	19.9
9 28	23 15.96	− 1 15.3	1.902	2.879	5.5	20.1
10 8	23 8.31	− 1 46.5	1.946	2.868	9.3	20.4
10 18	23 2.50	− 2 9.7	2.013	2.857	12.7	20.5
472025 2013 YW_{4}			9 14.0 355°.55		7°.0/ 8.0 18	
8 9	23 49.42	−14 55.8	1.268	2.166	16.3	20.1
8 19	23 46.52	−16 25.7	1.214	2.163	12.5	19.8
8 29	23 40.91	−17 59.7	1.181	2.160	8.8	19.6
9 8	23 33.41	−19 25.9	1.170	2.158	7.0	19.5
9 18	23 25.15	−20 33.0	1.183	2.157	8.8	19.6
9 28	23 17.54	−21 12.3	1.219	2.157	12.4	19.8
10 8	23 11.80	−21 20.6	1.275	2.158	16.2	20.1
10 18	23 8.70	−20 59.2	1.350	2.159	19.6	20.3
12602 Tammytam			9 14.1 65°.59		2°.1/12.7 18	
8 9	23 58.39	− 6 55.1	1.331	2.202	17.5	17.7
8 19	23 53.00	− 7 10.3	1.276	2.212	13.2	17.4
8 29	23 44.86	− 7 34.6	1.242	2.223	8.3	17.2
9 8	23 34.86	− 8 1.6	1.231	2.233	3.3	16.9
9 18	23 24.25	− 8 24.9	1.245	2.244	3.6	17.0
9 28	23 14.46	− 8 38.1	1.285	2.255	8.4	17.3
10 8	23 6.70	− 8 37.3	1.349	2.266	13.0	17.6
10 18	23 1.71	− 8 21.1	1.433	2.277	16.8	17.9
243438 2009 DV_{66}			9 14.1 142°.48		0°.2/14.4 18	
8 9	23 46.23	− 0 27.3	3.609	4.433	8.5	21.8
8 19	23 42.34	− 0 52.6	3.530	4.440	6.4	21.7
8 29	23 37.45	− 1 24.8	3.477	4.447	4.1	21.5
9 8	23 31.92	− 2 1.6	3.452	4.453	1.6	21.3
9 18	23 26.15	− 2 40.4	3.457	4.460	0.9	21.3
9 28	23 20.57	− 3 18.3	3.492	4.466	3.4	21.5
10 8	23 15.61	− 3 52.4	3.556	4.472	5.7	21.7
10 18	23 11.62	− 4 20.5	3.647	4.478	7.8	21.8
472677 2015 EB_{27}			9 14.1 116°.61		0°.4/14.5 17	
8 9	23 54.04	+ 0 55.6	1.762	2.602	15.2	21.5
8 19	23 49.14	+ 0 20.2	1.699	2.616	11.7	21.4
8 29	23 42.17	− 0 30.3	1.657	2.629	7.5	21.1
9 8	23 33.80	− 1 31.3	1.641	2.642	3.0	20.9
9 18	23 24.94	− 2 36.6	1.652	2.655	1.7	20.8
9 28	23 16.62	− 3 39.1	1.691	2.667	6.1	21.1
10 8	23 9.76	− 4 32.3	1.756	2.679	10.2	21.4
10 18	23 4.98	− 5 11.9	1.845	2.690	13.6	21.7
227242 2005 SG_{35}			9 14.1 268°.62		2°.3/12.1 18	
8 9	23 53.37	− 6 17.0	1.695	2.559	14.6	21.3
8 19	23 49.06	− 7 0.9	1.609	2.543	11.1	21.1
8 29	23 42.40	− 7 55.8	1.546	2.526	7.0	20.8
9 8	23 34.00	− 8 55.7	1.507	2.509	3.0	20.5
9 18	23 24.75	− 9 53.5	1.495	2.492	3.7	20.5
9 28	23 15.80	−10 41.7	1.510	2.475	8.0	20.7
10 8	23 8.26	−11 14.3	1.549	2.457	12.3	20.9
10 18	23 2.94	−11 28.3	1.611	2.439	16.0	21.1
16694 1995 AJ			9 14.1 16°.86		7°.4/18.8 18	
8 9	23 50.16	+ 9 38.2	0.920	1.781	24.1	16.1
8 19	23 47.76	+10 42.1	0.871	1.787	19.8	15.9
8 29	23 42.03	+11 15.4	0.837	1.795	14.9	15.6
9 8	23 33.92	+11 16.2	0.821	1.805	10.1	15.4
9 18	23 24.86	+10 46.8	0.824	1.817	7.4	15.3
9 28	23 16.67	+ 9 56.0	0.849	1.830	9.4	15.5
10 8	23 10.87	+ 8 56.3	0.893	1.844	13.7	15.8
10 18	23 8.35	+ 7 59.6	0.957	1.860	18.1	16.1
287089 2002 RB_{76}			9 14.1 295°.75		0°.6/13.4 18	
8 9	23 47.76	+ 0 9.2	1.806	2.658	14.4	20.2
8 19	23 44.73	− 0 58.4	1.706	2.632	11.1	20.0
8 29	23 39.62	− 2 25.3	1.629	2.607	7.1	19.7
9 8	23 32.94	− 4 6.3	1.578	2.581	2.6	19.3
9 18	23 25.43	− 5 53.8	1.554	2.556	2.3	19.3
9 28	23 18.08	− 7 38.1	1.558	2.530	7.0	19.5
10 8	23 11.89	− 9 10.0	1.587	2.504	11.4	19.7
10 18	23 7.65	−10 23.0	1.640	2.479	15.3	19.9

324286 2006 CA_{62} 9 14.1 241°.60 6°.6/ 5.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 57.14	−28 34.0	2.960	3.801	9.7	21.4
8 19	23 50.93	−29 23.4	2.886	3.784	8.1	21.3
8 29	23 43.09	−30 5.9	2.837	3.766	6.9	21.2
9 8	23 34.13	−30 35.9	2.815	3.748	6.7	21.1
9 18	23 24.73	−30 49.2	2.820	3.729	7.6	21.2
9 28	23 15.64	−30 43.2	2.852	3.710	9.1	21.2
10 8	23 7.60	−30 17.6	2.909	3.690	10.9	21.3
10 18	23 1.16	−29 33.7	2.988	3.670	12.6	21.4

78967 2003 SK_{277} 9 14.1 271°.02 4°.8/20.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 47.19	+16 3.4	2.507	3.263	13.6	19.2
8 19	23 43.68	+15 51.1	2.407	3.252	11.4	19.1
8 29	23 38.62	+15 18.8	2.327	3.242	8.9	18.9
9 8	23 32.46	+14 26.9	2.271	3.231	6.5	18.7
9 18	23 25.79	+13 17.4	2.242	3.220	4.9	18.6
9 28	23 19.31	+11 55.1	2.241	3.210	5.4	18.6
10 8	23 13.73	+10 26.1	2.268	3.199	7.7	18.8
10 18	23 9.60	+ 8 57.2	2.321	3.188	10.3	18.9

265857 2005 YR_{151} 9 14.1 275°.33 0°.6/14.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 50.81	+ 0 13.4	2.372	3.204	12.1	21.5
8 19	23 46.49	− 0 2.2	2.271	3.183	9.3	21.3
8 29	23 40.47	− 0 28.9	2.192	3.162	6.1	21.1
9 8	23 33.20	− 1 4.0	2.140	3.141	2.6	20.8
9 18	23 25.30	− 1 44.1	2.117	3.120	1.4	20.7
9 28	23 17.57	− 2 24.5	2.122	3.098	5.1	20.9
10 8	23 10.77	− 3 0.6	2.155	3.076	8.6	21.1
10 18	23 5.53	− 3 28.5	2.213	3.054	11.8	21.3

518301 2017 BX_{21} 9 14.1 302°.63 1°.6/12.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 48.19	− 4 37.7	2.028	2.888	12.8	21.4
8 19	23 44.71	− 5 29.2	1.943	2.875	9.6	21.2
8 29	23 39.40	− 6 31.6	1.881	2.862	6.0	20.9
9 8	23 32.79	− 7 39.8	1.846	2.849	2.4	20.7
9 18	23 25.58	− 8 47.5	1.838	2.836	2.9	20.7
9 28	23 18.63	− 9 48.0	1.857	2.823	6.6	20.9
10 8	23 12.78	−10 35.9	1.902	2.811	10.3	21.1
10 18	23 8.67	−11 7.8	1.971	2.799	13.6	21.3

328729 2009 TF_{43} 9 14.1 237°.93 3°.2/ 9.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 50.61	−12 56.9	2.655	3.515	10.1	21.2
8 19	23 46.06	−13 41.0	2.576	3.506	7.6	21.0
8 29	23 40.03	−14 27.4	2.521	3.497	5.0	20.8
9 8	23 32.98	−15 11.6	2.494	3.487	3.3	20.7
9 18	23 25.48	−15 49.1	2.496	3.477	4.2	20.8
9 28	23 18.25	−16 15.8	2.526	3.468	6.6	20.9
10 8	23 11.94	−16 29.2	2.583	3.457	9.3	21.1
10 18	23 7.05	−16 28.2	2.663	3.447	11.6	21.2

136261 2003 YO_{60} 9 14.1 8°.10 4°.9/10.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 46.29	− 9 11.8	0.880	1.796	20.0	18.6
8 19	23 44.84	−10 7.3	0.836	1.796	15.0	18.3
8 29	23 40.14	−11 14.2	0.809	1.799	9.6	18.0
9 8	23 33.18	−12 21.0	0.802	1.804	5.2	17.8
9 18	23 25.39	−13 15.0	0.815	1.810	6.7	18.0
9 28	23 18.52	−13 46.0	0.849	1.819	11.7	18.3
10 8	23 13.96	−13 48.8	0.903	1.829	16.7	18.6
10 18	23 12.50	−13 23.8	0.973	1.841	21.0	18.9

167222 2003 UT_{39} 9 14.1 342°.41 2°.9/11.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 50.75	− 7 49.8	1.442	2.322	15.8	19.6
8 19	23 47.27	− 8 26.0	1.373	2.315	11.9	19.3
8 29	23 41.32	− 9 11.7	1.324	2.307	7.5	19.1
9 8	23 33.58	−10 0.0	1.299	2.301	3.5	18.8
9 18	23 25.09	−10 43.5	1.299	2.295	4.3	18.9
9 28	23 17.09	−11 14.6	1.323	2.290	8.7	19.1
10 8	23 10.72	−11 28.4	1.372	2.286	13.1	19.3
10 18	23 6.77	−11 22.9	1.440	2.282	16.9	19.6

363510 2003 UY_{63} 9 14.1 323°.07 1°.0/13.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 43.71	+ 0 31.2	1.377	2.251	16.8	20.7
8 19	23 42.21	− 0 46.9	1.285	2.223	12.9	20.3
8 29	23 38.31	− 2 31.1	1.214	2.196	8.3	20.0
9 8	23 32.52	− 4 35.2	1.165	2.169	3.0	19.6
9 18	23 25.72	− 6 48.5	1.142	2.143	3.0	19.6
9 28	23 19.14	− 8 57.1	1.144	2.119	8.6	19.8
10 8	23 13.99	−10 48.1	1.170	2.095	13.8	20.0
10 18	23 11.23	−12 12.3	1.216	2.072	18.5	20.3

324939 2007 XG_{40} 9 14.1 331°.59 5°.5/17.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 52.50	+ 7 37.0	1.190	2.036	20.7	19.9
8 19	23 49.25	+ 8 19.9	1.115	2.025	16.9	19.7
8 29	23 42.97	+ 8 39.7	1.057	2.016	12.5	19.4
9 8	23 34.35	+ 8 35.3	1.019	2.007	7.9	19.1
9 18	23 24.55	+ 8 8.3	1.003	1.998	5.5	19.0
9 28	23 15.16	+ 7 25.0	1.010	1.991	8.3	19.1
10 8	23 7.71	+ 6 35.3	1.040	1.984	13.0	19.3
10 18	23 3.25	+ 5 48.8	1.090	1.978	17.6	19.6

346937 2010 AE_{50} 9 14.1 163°.43 2°.2/16.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 52.31	+ 5 40.8	1.988	2.805	14.6	21.5
8 19	23 47.78	+ 5 21.9	1.909	2.808	11.5	21.3
8 29	23 41.33	+ 4 46.2	1.852	2.811	7.9	21.0
9 8	23 33.55	+ 3 55.9	1.820	2.814	4.2	20.8
9 18	23 25.20	+ 2 55.5	1.815	2.816	2.3	20.7
9 28	23 17.23	+ 1 51.1	1.839	2.818	5.4	20.9
10 8	23 10.49	+ 0 49.5	1.890	2.820	9.1	21.1
10 18	23 5.62	− 0 3.9	1.966	2.821	12.5	21.4

97297 1999 XU_{180} 9 14.1 275°.78 6°.4/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 51.25	−22 16.5	2.374	3.241	10.9	18.8
8 19	23 46.86	−23 28.7	2.301	3.224	8.7	18.6
8 29	23 40.71	−24 38.2	2.252	3.208	7.0	18.5
9 8	23 33.31	−25 38.1	2.229	3.191	6.5	18.5
9 18	23 25.35	−26 22.4	2.234	3.174	7.6	18.5
9 28	23 17.69	−26 46.7	2.264	3.157	9.8	18.6
10 8	23 11.11	−26 49.1	2.318	3.140	12.1	18.7
10 18	23 6.22	−26 30.2	2.393	3.122	14.3	18.9

262996 2007 EU_{98} 9 14.1 314°.18 1°.2/12.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 48.27	− 3 41.8	1.966	2.824	13.1	20.4
8 19	23 44.82	− 4 26.5	1.882	2.813	9.9	20.2
8 29	23 39.51	− 5 22.6	1.822	2.801	6.2	19.9
9 8	23 32.87	− 6 25.3	1.787	2.790	2.4	19.7
9 18	23 25.63	− 7 28.6	1.779	2.779	2.5	19.6
9 28	23 18.67	− 8 25.9	1.799	2.769	6.5	19.9
10 8	23 12.84	− 9 11.5	1.845	2.759	10.3	20.1
10 18	23 8.80	− 9 41.8	1.914	2.749	13.6	20.3

93284 2000 SY_{188} 9 14.1 54°.76 2°.8/16.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 50.14	+ 8 8.4	1.434	2.267	18.4	19.7
8 19	23 46.58	+ 7 29.6	1.379	2.286	14.6	19.5
8 29	23 40.71	+ 6 25.7	1.344	2.305	10.1	19.3
9 8	23 33.31	+ 5 1.0	1.332	2.325	5.4	19.1
9 18	23 25.40	+ 3 23.2	1.345	2.345	2.9	19.0
9 28	23 18.17	+ 1 42.7	1.384	2.366	6.3	19.3
10 8	23 12.58	+ 0 9.9	1.448	2.386	10.6	19.6
10 18	23 9.30	− 1 7.8	1.536	2.407	14.4	19.9

387957 2005 GU_{57} 9 14.1 94°.28 2°.5/11.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 53.21	− 8 20.9	1.901	2.763	13.4	21.2
8 19	23 48.44	− 9 0.1	1.838	2.770	10.0	21.0
8 29	23 41.71	− 9 45.6	1.798	2.777	6.3	20.8
9 8	23 33.67	−10 31.9	1.783	2.784	3.0	20.6
9 18	23 25.16	−11 13.2	1.797	2.791	3.7	20.6
9 28	23 17.13	−11 43.9	1.838	2.798	7.2	20.9
10 8	23 10.46	−12 0.5	1.904	2.805	10.7	21.1
10 18	23 5.74	−12 1.5	1.993	2.812	13.8	21.3

313580 2003 EM_{51} 9 14.1 298°.26 0°.8/12.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 42.45	− 3 57.8	4.186	5.025	7.1	20.2
8 19	23 39.47	− 4 53.9	4.100	5.021	5.3	20.1
8 29	23 35.65	− 5 55.4	4.042	5.018	3.3	20.0
9 8	23 31.29	− 6 59.7	4.012	5.015	1.3	19.8
9 18	23 26.70	− 8 3.8	4.013	5.011	1.5	19.8
9 28	23 22.23	− 9 4.5	4.045	5.008	3.5	20.0
10 8	23 18.25	− 9 59.1	4.106	5.005	5.5	20.1
10 18	23 15.05	−10 45.4	4.194	5.002	7.3	20.2

356826 2011 UQ_{398} 9 14.1 0°.24 0°.6/13.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 48.41	− 1 14.6	1.674	2.534	15.0	20.5
8 19	23 45.14	− 2 2.5	1.603	2.533	11.4	20.2
8 29	23 39.79	− 3 5.4	1.553	2.532	7.2	20.0
9 8	23 32.99	− 4 18.1	1.529	2.532	2.7	19.7
9 18	23 25.59	− 5 33.2	1.530	2.532	2.2	19.7
9 28	23 18.60	− 6 42.6	1.559	2.533	6.8	20.0
10 8	23 12.97	− 7 39.5	1.612	2.534	10.9	20.2
10 18	23 9.37	− 8 19.4	1.688	2.536	14.5	20.5

449432 2013 HP_{108} 9 14.1 333°.26 0°.2/14.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 48.72	− 0 0.3	2.005	2.850	13.5	21.3
8 19	23 45.08	− 0 32.7	1.925	2.846	10.3	21.1
8 29	23 39.63	− 1 18.2	1.868	2.842	6.6	20.8
9 8	23 32.91	− 2 13.1	1.836	2.838	2.6	20.6
9 18	23 25.64	− 3 12.2	1.832	2.835	1.6	20.5
9 28	23 18.70	− 4 9.3	1.856	2.832	5.7	20.8
10 8	23 12.89	− 4 58.6	1.906	2.829	9.4	21.0
10 18	23 8.83	− 5 35.9	1.980	2.826	12.7	21.2

164857 1999 TC_{215} 9 14.1 308°.87 0°.6/14.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 48.34	+ 1 31.0	1.564	2.420	16.1	20.4
8 19	23 45.49	+ 0 56.0	1.470	2.395	12.5	20.1
8 29	23 40.30	+ 0 1.2	1.396	2.371	8.3	19.8
9 8	23 33.30	− 1 9.6	1.346	2.348	3.4	19.4
9 18	23 25.34	− 2 29.9	1.321	2.324	1.9	19.3
9 28	23 17.58	− 3 50.8	1.322	2.301	7.0	19.5
10 8	23 11.17	− 5 2.9	1.348	2.279	11.9	19.8
10 18	23 7.00	− 5 59.1	1.396	2.257	16.2	20.0

311916 2007 BE_{19} 9 14.1 219°.29 2°.6/10.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 50.71	− 9 55.3	2.655	3.509	10.3	21.8
8 19	23 46.16	−10 44.7	2.572	3.501	7.7	21.6
8 29	23 40.13	−11 38.6	2.515	3.492	4.9	21.4
9 8	23 33.06	−12 32.6	2.485	3.483	2.7	21.3
9 18	23 25.55	−13 22.0	2.485	3.474	3.5	21.3
9 28	23 18.28	−14 2.3	2.514	3.464	6.2	21.5
10 8	23 11.90	−14 30.2	2.570	3.453	9.0	21.6
10 18	23 6.94	−14 44.1	2.649	3.442	11.5	21.8

514073 2014 QS_{344} 9 14.1 71°.20 2°.0/11.5 18

8 9	23 47.97	− 6 22.9	2.283	3.142	11.5	21.4
8 19	23 44.25	− 7 24.7	2.215	3.146	8.6	21.2
8 29	23 38.96	− 8 34.4	2.170	3.150	5.4	21.0
9 8	23 32.62	− 9 46.6	2.153	3.154	2.4	20.8
9 18	23 25.86	−10 55.5	2.163	3.158	3.2	20.9
9 28	23 19.43	−11 55.4	2.203	3.162	6.3	21.1
10 8	23 14.02	−12 41.9	2.269	3.166	9.4	21.3
10 18	23 10.14	−13 12.7	2.358	3.170	12.1	21.5

79226 1994 PM_{16} 9 14.1 12°.42 1°.9/15.4 18

8 9	23 49.62	+ 2 27.0	1.134	2.005	19.8	19.1
8 19	23 46.86	+ 2 23.0	1.075	2.007	15.5	18.8
8 29	23 41.25	+ 1 57.1	1.035	2.011	10.3	18.6
9 8	23 33.63	+ 1 13.0	1.016	2.016	4.8	18.3
9 18	23 25.20	+ 0 17.7	1.019	2.022	2.4	18.1
9 28	23 17.46	− 0 39.3	1.046	2.029	7.6	18.5
10 8	23 11.68	− 1 28.4	1.095	2.038	12.8	18.8
10 18	23 8.70	− 2 3.0	1.164	2.047	17.2	19.1

270793 2002 RO_{226} 9 14.1 324°.59 1°.2/14.9 17

8 9	23 54.54	+ 0 19.9	1.378	2.234	17.8	20.5
8 19	23 50.33	+ 0 24.2	1.303	2.228	13.8	20.2
8 29	23 43.40	+ 0 12.5	1.249	2.223	9.2	19.9
9 8	23 34.47	− 0 12.3	1.217	2.218	4.0	19.6
9 18	23 24.64	− 0 45.0	1.210	2.213	2.1	19.5
9 28	23 15.28	− 1 18.9	1.228	2.208	7.3	19.8
10 8	23 7.69	− 1 46.8	1.270	2.204	12.2	20.1
10 18	23 2.76	− 2 3.6	1.334	2.200	16.5	20.3

389125 2008 YN_{142} 9 14.1 342°.44 5°.5/ 8.8 18

8 9	23 49.79	−13 8.5	1.565	2.451	14.5	20.7
8 19	23 46.38	−14 30.6	1.503	2.446	11.0	20.5
8 29	23 40.68	−15 58.0	1.463	2.442	7.5	20.3
9 8	23 33.36	−17 21.4	1.447	2.439	5.5	20.2
9 18	23 25.38	−18 31.4	1.457	2.436	7.0	20.3
9 28	23 17.89	−19 20.1	1.492	2.433	10.4	20.5
10 8	23 11.92	−19 43.6	1.550	2.430	14.0	20.7
10 18	23 8.20	−19 41.6	1.628	2.429	17.1	20.9

339357 2005 AV_{30} 9 14.1 199°.04 4°.4/ 9.5 18

8 9	23 56.35	−15 59.3	2.343	3.199	11.4	21.1
8 19	23 50.57	−16 42.5	2.270	3.196	8.7	20.9
8 29	23 42.98	−17 25.9	2.222	3.192	6.0	20.7
9 8	23 34.17	−18 3.7	2.201	3.188	4.4	20.6
9 18	23 24.87	−18 31.0	2.209	3.183	5.4	20.7
9 28	23 15.96	−18 43.7	2.245	3.177	7.9	20.8
10 8	23 8.24	−18 40.0	2.307	3.171	10.7	21.0
10 18	23 2.29	−18 19.9	2.393	3.164	13.2	21.2

211538 2003 RD_{18} 9 14.1 218°.71 9°.1/25.4 18

8 9	23 50.18	+26 15.3	2.041	2.737	18.0	20.2
8 19	23 46.44	+26 34.1	1.951	2.734	16.0	20.0
8 29	23 40.64	+26 24.5	1.877	2.731	13.6	19.8
9 8	23 33.35	+25 44.0	1.822	2.729	11.3	19.7
9 18	23 25.37	+24 32.5	1.791	2.726	9.6	19.6
9 28	23 17.69	+22 54.1	1.784	2.722	9.1	19.5
10 8	23 11.27	+20 57.0	1.803	2.719	10.4	19.6
10 18	23 6.82	+18 51.5	1.848	2.716	12.5	19.7

221613 2006 XQ_{34} 9 14.1 353°.20 7°.1/18.8 18

8 9	23 50.95	+10 12.8	1.157	1.997	21.6	19.4
8 19	23 48.10	+11 12.3	1.088	1.991	17.9	19.1
8 29	23 42.25	+11 46.6	1.035	1.986	13.7	18.9
9 8	23 34.11	+11 53.1	1.002	1.982	9.5	18.6
9 18	23 24.88	+11 32.4	0.990	1.980	7.1	18.5
9 28	23 16.14	+10 50.4	1.001	1.978	8.9	18.6
10 8	23 9.37	+ 9 57.0	1.033	1.978	13.0	18.8
10 18	23 5.58	+ 9 3.1	1.085	1.980	17.2	19.1

405126 2002 GU_{121} 9 14.1 116°.39 2°.2/17.2 18

8 9	23 49.34	+ 7 56.8	2.688	3.482	11.8	21.9
8 19	23 45.00	+ 7 27.9	2.615	3.499	9.4	21.7
8 29	23 39.30	+ 6 44.8	2.566	3.515	6.6	21.6
9 8	23 32.73	+ 5 49.8	2.543	3.531	3.7	21.4
9 18	23 25.84	+ 4 46.5	2.548	3.547	2.2	21.3
9 28	23 19.27	+ 3 39.5	2.584	3.562	4.1	21.5
10 8	23 13.60	+ 2 34.0	2.648	3.576	6.9	21.7
10 18	23 9.29	+ 1 34.3	2.739	3.591	9.5	21.9

39842 1998 BV_{25} 9 14.1 199°.08 2°.6/11.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 52.67	− 5 4.9	1.519	2.388	15.8	18.5
8 19	23 48.61	− 6 16.0	1.451	2.387	11.9	18.2
8 29	23 42.14	− 7 41.0	1.404	2.385	7.4	18.0
9 8	23 33.95	− 9 12.1	1.381	2.384	3.2	17.7
9 18	23 25.03	−10 39.7	1.386	2.382	4.1	17.8
9 28	23 16.60	−11 54.2	1.416	2.380	8.6	18.0
10 8	23 9.77	−12 48.9	1.471	2.377	12.9	18.3
10 18	23 5.30	−13 20.4	1.547	2.375	16.6	18.5

79932 1999 CA_{67} 9 14.1 239°.68 1°.4/15.8 18

8 9	23 50.17	+ 4 40.9	2.471	3.284	12.2	20.6
8 19	23 45.95	+ 4 6.9	2.370	3.268	9.6	20.4
8 29	23 40.12	+ 3 18.2	2.292	3.253	6.5	20.2
9 8	23 33.12	+ 2 17.2	2.240	3.236	3.2	19.9
9 18	23 25.55	+ 1 7.9	2.217	3.219	1.6	19.8
9 28	23 18.16	− 0 4.3	2.224	3.202	4.7	20.0
10 8	23 11.66	− 1 13.5	2.259	3.184	8.1	20.2
10 18	23 6.65	− 2 14.7	2.320	3.165	11.2	20.3

310178 2011 SK_{38} 9 14.1 5°.26 2°.3/12.4 18

8 9	23 48.40	− 6 45.9	1.175	2.068	17.7	19.3
8 19	23 45.82	− 7 6.8	1.120	2.068	13.4	19.0
8 29	23 40.53	− 7 38.5	1.084	2.070	8.4	18.7
9 8	23 33.35	− 8 14.3	1.069	2.073	3.4	18.5
9 18	23 25.45	− 8 46.2	1.078	2.078	3.9	18.5
9 28	23 18.24	− 9 6.8	1.111	2.085	8.9	18.8
10 8	23 12.93	− 9 10.9	1.165	2.093	13.6	19.1
10 18	23 10.26	− 8 56.7	1.238	2.103	17.7	19.4

384382 2009 VF_{38} 9 14.1 310°.39 0°.9/13.4 18

8 9	23 51.66	− 3 10.7	1.378	2.249	16.9	21.2
8 19	23 48.29	− 3 33.6	1.294	2.230	13.0	20.9
8 29	23 42.22	− 4 11.5	1.230	2.211	8.3	20.6
9 8	23 34.09	− 4 59.5	1.189	2.193	3.1	20.2
9 18	23 24.90	− 5 50.5	1.173	2.175	2.7	20.1
9 28	23 16.03	− 6 36.1	1.181	2.157	8.2	20.4
10 8	23 8.80	− 7 8.6	1.213	2.140	13.3	20.6
10 18	23 4.18	− 7 23.5	1.265	2.124	17.7	20.9

127302 2002 JM_{85} 9 14.1 334°.00 4°.0/ 9.9 18

8 9	23 52.28	−14 10.8	2.182	3.048	11.7	19.4
8 19	23 47.59	−14 52.0	2.114	3.047	8.9	19.2
8 29	23 41.14	−15 34.7	2.070	3.045	6.0	19.1
9 8	23 33.48	−16 13.3	2.053	3.044	4.1	18.9
9 18	23 25.37	−16 42.5	2.063	3.043	5.0	19.0
9 28	23 17.65	−16 58.1	2.100	3.042	7.8	19.2
10 8	23 11.12	−16 58.0	2.163	3.041	10.7	19.4
10 18	23 6.33	−16 41.6	2.249	3.040	13.3	19.5

308993 2006 UD_{32} 9 14.1 273°.65 1°.1/12.9 18

8 9	23 51.37	− 4 25.7	2.012	2.866	13.1	21.3
8 19	23 47.08	− 4 57.1	1.934	2.862	9.9	21.1
8 29	23 40.91	− 5 38.0	1.879	2.857	6.2	20.8
9 8	23 33.43	− 6 23.9	1.850	2.853	2.4	20.6
9 18	23 25.38	− 7 9.7	1.849	2.849	2.4	20.6
9 28	23 17.68	− 7 49.6	1.875	2.845	6.3	20.8
10 8	23 11.17	− 8 19.1	1.928	2.840	10.0	21.0
10 18	23 6.48	− 8 35.2	2.004	2.836	13.2	21.2

217187 2002 SC_{4} 9 14.1 355°.74 5°.0/17.2 18

8 9	23 43.89	+ 5 34.5	0.901	1.786	22.5	18.6
8 19	23 43.16	+ 6 16.6	0.841	1.777	18.2	18.3
8 29	23 39.28	+ 6 32.1	0.797	1.770	13.1	18.0
9 8	23 33.01	+ 6 20.7	0.770	1.765	7.8	17.7
9 18	23 25.62	+ 5 46.2	0.762	1.762	5.0	17.6
9 28	23 18.84	+ 4 57.5	0.775	1.762	8.6	17.8
10 8	23 14.23	+ 4 6.5	0.808	1.764	13.9	18.1
10 18	23 12.78	+ 3 24.0	0.858	1.769	18.9	18.4

254425 2004 XW_{4} 9 14.1 228°.18 7°.8/27.3 18

8 9	23 50.77	+31 6.3	3.327	3.935	12.9	20.7
8 19	23 46.22	+31 36.2	3.217	3.923	11.7	20.6
8 29	23 40.22	+31 47.2	3.123	3.909	10.4	20.5
9 8	23 33.15	+31 37.3	3.051	3.896	9.1	20.4
9 18	23 25.55	+31 5.6	3.002	3.881	8.2	20.3
9 28	23 18.07	+30 13.4	2.978	3.867	7.8	20.3
10 8	23 11.36	+29 4.3	2.980	3.852	8.3	20.3
10 18	23 5.95	+27 43.4	3.008	3.836	9.4	20.3

299686 2006 QP_{94} 9 14.1 21°.15 4°.5/ 9.6 18

8 9	23 45.62	− 8 0.7	1.349	2.242	15.9	20.2
8 19	23 43.37	− 9 48.9	1.301	2.250	11.8	20.0
8 29	23 38.79	−11 48.2	1.275	2.260	7.5	19.7
9 8	23 32.64	−13 47.4	1.273	2.271	4.6	19.6
9 18	23 25.93	−15 34.3	1.296	2.283	6.2	19.7
9 28	23 19.83	−16 58.7	1.344	2.296	10.2	20.0
10 8	23 15.34	−17 54.8	1.414	2.310	14.1	20.3
10 18	23 13.11	−18 21.5	1.504	2.325	17.4	20.5

100868 1998 HE_{61} 9 14.1 103°.89 4°.5/18.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 52.97	+12 30.1	1.604	2.403	18.3	20.1
8 19	23 48.63	+12 6.0	1.539	2.419	14.9	19.9
8 29	23 42.02	+11 15.2	1.493	2.435	10.9	19.7
9 8	23 33.86	+ 9 59.8	1.469	2.450	6.9	19.5
9 18	23 25.15	+ 8 25.4	1.471	2.465	4.5	19.4
9 28	23 17.02	+ 6 41.2	1.501	2.479	6.4	19.5
10 8	23 10.47	+ 4 57.7	1.556	2.493	10.1	19.8
10 18	23 6.17	+ 3 24.0	1.636	2.507	13.7	20.1

301498 2009 ET_{19} 9 14.1 246°.18 1°.1/15.4 18

8 9	23 50.21	+ 4 13.9	2.304	3.122	12.8	21.5
8 19	23 46.12	+ 3 28.8	2.202	3.105	10.0	21.3
8 29	23 40.30	+ 2 27.4	2.123	3.087	6.7	21.1
9 8	23 33.22	+ 1 12.6	2.071	3.069	3.1	20.8
9 18	23 25.51	− 0 10.8	2.047	3.050	1.5	20.7
9 28	23 17.98	− 1 36.2	2.053	3.031	5.1	20.9
10 8	23 11.39	− 2 57.0	2.088	3.011	8.8	21.1
10 18	23 6.40	− 4 7.4	2.147	2.990	12.0	21.3

141758 2002 LK_{60} 9 14.1 51°.31 0°.5/14.5 17

8 9	23 50.89	+ 4 12.2	1.121	1.985	20.5	19.2
8 19	23 47.50	+ 2 50.8	1.083	2.013	15.6	18.9
8 29	23 41.40	+ 1 3.5	1.064	2.041	10.0	18.7
9 8	23 33.61	− 1 0.0	1.068	2.070	4.0	18.5
9 18	23 25.38	− 3 6.7	1.096	2.099	2.1	18.5
9 28	23 18.11	− 5 2.5	1.149	2.128	7.8	18.9
10 8	23 12.87	− 6 37.0	1.225	2.158	12.7	19.3
10 18	23 10.27	− 7 44.7	1.323	2.187	16.8	19.6

266815 2009 TR_{5} 9 14.1 292°.24 0°.1/13.9 18

8 9	23 49.22	− 1 31.8	2.301	3.143	12.0	20.8
8 19	23 45.30	− 1 56.7	2.212	3.132	9.2	20.6
8 29	23 39.72	− 2 31.9	2.146	3.121	5.9	20.4
9 8	23 32.98	− 3 14.2	2.107	3.109	2.3	20.1
9 18	23 25.70	− 3 59.4	2.095	3.098	1.5	20.1
9 28	23 18.66	− 4 42.6	2.113	3.087	5.3	20.3
10 8	23 12.59	− 5 19.1	2.157	3.076	8.7	20.5
10 18	23 8.08	− 5 45.5	2.225	3.065	11.8	20.7

508927 2004 FT_{95} 9 14.1 189°.98 2°.4/12.4 18

8 9	0 5.51	−10 16.4	1.955	2.796	13.9	21.6
8 19	23 57.81	−10 16.9	1.875	2.795	10.6	21.4
8 29	23 47.76	−10 20.2	1.819	2.793	6.8	21.1
9 8	23 36.07	−10 21.7	1.791	2.791	3.1	20.9
9 18	23 23.74	−10 17.4	1.793	2.788	3.5	20.9
9 28	23 11.95	−10 3.8	1.824	2.785	7.2	21.2
10 8	23 1.74	− 9 39.2	1.883	2.780	11.0	21.4
10 18	22 53.86	− 9 3.4	1.967	2.776	14.3	21.6

144917 2005 BJ_{6} 9 14.1 127°.32 2°.3/16.0 17

8 9	23 58.25	+ 4 26.3	1.739	2.559	16.2	20.7
8 19	23 52.41	+ 4 21.8	1.673	2.575	12.7	20.5
8 29	23 44.33	+ 4 0.3	1.629	2.590	8.7	20.3
9 8	23 34.74	+ 3 24.5	1.609	2.604	4.4	20.1
9 18	23 24.61	+ 2 38.8	1.617	2.618	2.4	20.0
9 28	23 15.07	+ 1 49.5	1.653	2.631	6.0	20.3
10 8	23 7.10	+ 1 3.2	1.715	2.643	10.0	20.5
10 18	23 1.38	+ 0 25.1	1.802	2.655	13.5	20.8

480319 2015 HT_{177} 9 14.1 72°.82 1°.8/15.7 18

8 9	23 52.63	+ 3 39.0	1.607	2.445	16.5	20.8
8 19	23 48.36	+ 3 21.5	1.542	2.455	12.9	20.5
8 29	23 41.85	+ 2 45.9	1.497	2.464	8.6	20.3
9 8	23 33.82	+ 1 55.5	1.476	2.474	4.1	20.1
9 18	23 25.20	+ 0 56.1	1.481	2.484	2.1	20.0
9 28	23 17.12	− 0 5.0	1.513	2.493	6.2	20.3
10 8	23 10.56	− 1 0.3	1.571	2.503	10.4	20.5
10 18	23 6.22	− 1 44.2	1.652	2.513	14.1	20.8

324780 2007 GK_{58} 9 14.1 28°.69 0°.4/14.5 18

8 9	23 47.24	+ 1 23.1	2.040	2.882	13.4	20.8
8 19	23 43.88	+ 0 38.8	1.969	2.888	10.2	20.6
8 29	23 38.83	− 0 19.8	1.921	2.894	6.6	20.4
9 8	23 32.63	− 1 28.4	1.898	2.900	2.7	20.2
9 18	23 25.98	− 2 41.3	1.903	2.906	1.5	20.1
9 28	23 19.69	− 3 51.9	1.936	2.913	5.4	20.4
10 8	23 14.51	− 4 54.2	1.996	2.920	9.0	20.6
10 18	23 10.99	− 5 43.8	2.080	2.928	12.2	20.9

123834 2001 CW_{15} 9 14.1 170°.97 3°.6/ 9.4 18

8 9	23 49.52	−12 38.6	2.474	3.338	10.6	20.0
8 19	23 45.34	−13 44.3	2.407	3.340	8.0	19.8
8 29	23 39.65	−14 53.0	2.365	3.341	5.3	19.6
9 8	23 32.92	−15 59.3	2.351	3.342	3.6	19.5
9 18	23 25.80	−16 57.5	2.364	3.343	4.6	19.6
9 28	23 18.98	−17 42.9	2.407	3.344	7.2	19.8
10 8	23 13.15	−18 12.5	2.475	3.344	9.8	19.9
10 18	23 8.80	−18 25.2	2.566	3.345	12.2	20.1

387903 2004 VJ_{88} 9 14.1 296°.91 0°.8/14.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 52.43	+ 0 17.7	1.637	2.487	15.8	21.3
8 19	23 48.47	+ 0 7.9	1.549	2.471	12.3	21.1
8 29	23 42.14	− 0 16.8	1.482	2.456	8.1	20.8
9 8	23 34.04	− 0 53.5	1.439	2.440	3.4	20.5
9 18	23 25.06	− 1 37.3	1.422	2.425	1.8	20.3
9 28	23 16.36	− 2 21.4	1.431	2.410	6.6	20.6
10 8	23 9.07	− 2 59.2	1.466	2.395	11.2	20.8
10 18	23 4.02	− 3 25.5	1.523	2.380	15.3	21.0

355183 2006 WT_{102} 9 14.1 308°.94 0°.4/14.5 18

8 9	23 50.49	+ 0 13.5	2.027	2.868	13.5	21.6
8 19	23 46.41	− 0 10.6	1.948	2.866	10.4	21.4
8 29	23 40.49	− 0 47.5	1.892	2.864	6.7	21.2
9 8	23 33.30	− 1 33.6	1.861	2.863	2.7	20.9
9 18	23 25.57	− 2 24.2	1.858	2.861	1.5	20.8
9 28	23 18.17	− 3 13.7	1.883	2.859	5.5	21.1
10 8	23 11.93	− 3 56.5	1.934	2.858	9.3	21.3
10 18	23 7.46	− 4 28.6	2.010	2.856	12.6	21.5

191115 2002 ES_{83} 9 14.1 325°.40 0°.5/13.2 18

8 9	23 42.31	− 2 19.2	3.937	4.773	7.6	19.1
8 19	23 39.45	− 3 10.2	3.847	4.766	5.7	19.0
8 29	23 35.71	− 4 7.8	3.784	4.759	3.6	18.8
9 8	23 31.39	− 5 9.1	3.750	4.753	1.3	18.6
9 18	23 26.81	− 6 11.3	3.745	4.746	1.2	18.6
9 28	23 22.36	− 7 11.0	3.772	4.740	3.5	18.8
10 8	23 18.42	− 8 5.2	3.827	4.734	5.6	18.9
10 18	23 15.31	− 8 51.5	3.909	4.728	7.6	19.1

349922 2009 TW_{42} 9 14.1 263°.06 14°.0/27.3 16

8 9	23 51.58	+29 21.3	1.347	2.064	24.8	21.3
8 19	23 48.78	+30 18.2	1.260	2.052	22.6	21.0
8 29	23 42.88	+30 36.3	1.186	2.040	20.0	20.8
9 8	23 34.49	+30 7.1	1.127	2.028	17.2	20.6
9 18	23 24.73	+28 45.9	1.087	2.016	14.9	20.4
9 28	23 15.24	+26 35.3	1.066	2.003	14.0	20.3
10 8	23 7.65	+23 47.7	1.068	1.990	15.2	20.4
10 18	23 3.14	+20 41.2	1.091	1.978	17.8	20.5

94632 2001 WC_{13} 9 14.1 215°.09 1°.8/15.6 18

8 9	23 52.85	+ 4 30.5	1.430	2.273	18.0	20.0
8 19	23 48.96	+ 4 0.5	1.355	2.271	14.1	19.7
8 29	23 42.50	+ 3 7.8	1.300	2.268	9.5	19.5
9 8	23 34.17	+ 1 56.0	1.267	2.266	4.5	19.2
9 18	23 25.01	+ 0 32.2	1.261	2.263	2.2	19.0
9 28	23 16.31	− 0 53.9	1.280	2.261	6.9	19.3
10 8	23 9.28	− 2 12.2	1.324	2.258	11.8	19.6
10 18	23 4.75	− 3 15.2	1.390	2.254	16.1	19.9

433950 1997 HK_{2} 9 14.1 27°.21 9°.4/ 7.8 18

8 9	23 53.94	−21 42.6	1.143	2.042	17.7	20.0
8 19	23 49.87	−22 52.8	1.118	2.061	13.9	19.8
8 29	23 42.90	−23 54.2	1.113	2.082	10.7	19.7
9 8	23 34.19	−24 35.2	1.130	2.105	9.4	19.7
9 18	23 25.14	−24 48.1	1.168	2.128	10.8	19.9
9 28	23 17.23	−24 29.8	1.228	2.153	13.6	20.1
10 8	23 11.59	−23 42.4	1.309	2.179	16.7	20.4
10 18	23 8.76	−22 31.0	1.407	2.206	19.5	20.6

31537 1999 DZ 9 14.1 213°.51 0°.8/13.5 18

8 9	23 58.65	− 3 50.6	1.653	2.503	15.6	19.1
8 19	23 53.09	− 4 8.0	1.573	2.498	11.9	18.9
8 29	23 45.02	− 4 36.7	1.515	2.491	7.6	18.6
9 8	23 35.13	− 5 12.0	1.482	2.485	2.9	18.3
9 18	23 24.42	− 5 48.3	1.476	2.477	2.4	18.3
9 28	23 14.14	− 6 19.2	1.497	2.469	7.2	18.6
10 8	23 5.45	− 6 39.4	1.544	2.461	11.7	18.8
10 18	22 59.17	− 6 45.9	1.614	2.452	15.6	19.0

478696 2012 UG_{29} 9 14.1 329°.95 1°.9/13.0 18

8 9	23 59.59	− 8 35.2	1.502	2.366	16.2	20.1
8 19	23 54.01	− 8 21.5	1.425	2.357	12.3	19.9
8 29	23 45.69	− 8 12.4	1.370	2.350	7.9	19.6
9 8	23 35.40	− 8 3.7	1.339	2.342	3.2	19.3
9 18	23 24.26	− 7 51.0	1.335	2.335	3.2	19.3
9 28	23 13.65	− 7 30.4	1.357	2.328	8.0	19.6
10 8	23 4.83	− 6 59.4	1.404	2.322	12.5	19.8
10 18	22 58.68	− 6 17.2	1.473	2.317	16.5	20.1

379136 2009 DL_{22} 9 14.1 82°.52 0°.3/14.6 18

8 9	23 47.37	− 0 7.0	3.085	3.912	9.7	21.4
8 19	23 43.37	− 0 31.4	3.017	3.928	7.4	21.3
8 29	23 38.23	− 1 3.7	2.974	3.943	4.7	21.2
9 8	23 32.36	− 1 41.4	2.958	3.959	1.9	21.0
9 18	23 26.23	− 2 21.4	2.971	3.974	1.0	20.9
9 28	23 20.37	− 3 0.3	3.015	3.990	3.8	21.2
10 8	23 15.27	− 3 34.8	3.086	4.005	6.4	21.4
10 18	23 11.31	− 4 2.5	3.184	4.020	8.7	21.5

85694 1998 RK_{60} 9 14.1 278°.45 0°.8/14.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 56.40	− 1 0.5	1.857	2.696	14.6	18.9
8 19	23 51.08	− 0 49.4	1.777	2.692	11.3	18.7
8 29	23 43.58	− 0 48.8	1.718	2.689	7.4	18.5
9 8	23 34.54	− 0 56.5	1.685	2.686	3.2	18.2
9 18	23 24.82	− 1 8.9	1.679	2.682	1.7	18.1
9 28	23 15.49	− 1 21.8	1.702	2.679	6.0	18.4
10 8	23 7.53	− 1 30.9	1.751	2.676	10.0	18.6
10 18	23 1.68	− 1 32.7	1.824	2.672	13.6	18.8

120731 1997 TY_{2} 9 14.1 322°.59 0°.1/14.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 50.85	− 1 34.3	1.310	2.181	17.6	19.4
8 19	23 47.81	− 1 42.8	1.228	2.162	13.7	19.1
8 29	23 42.01	− 2 7.3	1.164	2.144	8.9	18.8
9 8	23 34.08	− 2 43.9	1.123	2.126	3.5	18.4
9 18	23 25.07	− 3 26.6	1.106	2.109	2.2	18.3
9 28	23 16.38	− 4 7.1	1.114	2.093	7.9	18.6
10 8	23 9.38	− 4 37.8	1.144	2.078	13.2	18.8
10 18	23 5.07	− 4 53.1	1.194	2.064	17.8	19.1

437392 2013 WX_{54} 9 14.1 289°.34 2°.3/16.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 50.36	+ 5 41.6	1.542	2.380	17.2	21.4
8 19	23 46.98	+ 5 16.6	1.459	2.370	13.6	21.2
8 29	23 41.22	+ 4 29.1	1.396	2.361	9.4	20.9
9 8	23 33.70	+ 3 21.9	1.356	2.352	4.8	20.6
9 18	23 25.34	+ 2 0.8	1.341	2.343	2.5	20.5
9 28	23 17.32	+ 0 34.7	1.352	2.334	6.5	20.7
10 8	23 10.77	− 0 46.6	1.389	2.325	11.2	20.9
10 18	23 6.52	− 1 55.3	1.448	2.316	15.4	21.2

327848 2006 XN_{1} 9 14.1 17°.61 1°.1/13.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 50.60	− 3 37.9	0.999	1.893	20.1	20.2
8 19	23 47.82	− 3 53.7	0.952	1.899	15.2	19.9
8 29	23 41.96	− 4 25.7	0.922	1.907	9.6	19.7
9 8	23 33.97	− 5 7.0	0.912	1.917	3.6	19.4
9 18	23 25.24	− 5 48.9	0.925	1.927	3.0	19.4
9 28	23 17.40	− 6 22.1	0.960	1.940	8.9	19.8
10 8	23 11.77	− 6 39.7	1.016	1.953	14.2	20.1
10 18	23 9.14	− 6 38.7	1.092	1.968	18.6	20.4

447230 2005 UE_{97} 9 14.1 298°.29 0°.9/15.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 48.40	+ 2 26.0	2.050	2.885	13.6	21.9
8 19	23 44.92	+ 1 54.5	1.959	2.873	10.5	21.7
8 29	23 39.62	+ 1 7.6	1.891	2.860	7.0	21.5
9 8	23 33.02	+ 0 8.7	1.848	2.847	3.1	21.2
9 18	23 25.79	− 0 57.5	1.832	2.835	1.5	21.1
9 28	23 18.81	− 2 4.7	1.844	2.823	5.4	21.3
10 8	23 12.90	− 3 6.2	1.883	2.811	9.3	21.5
10 18	23 8.70	− 3 57.0	1.947	2.799	12.7	21.7

111480 2001 YU_{24} 9 14.1 176°.84 1°.2/12.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 51.37	− 4 48.7	2.158	3.009	12.4	19.6
8 19	23 46.95	− 5 22.7	2.083	3.009	9.3	19.4
8 29	23 40.78	− 6 5.3	2.032	3.010	5.9	19.2
9 8	23 33.42	− 6 52.0	2.007	3.010	2.3	19.0
9 18	23 25.57	− 7 37.9	2.010	3.010	2.4	19.0
9 28	23 18.07	− 8 17.8	2.042	3.010	6.0	19.2
10 8	23 11.70	− 8 47.4	2.100	3.010	9.4	19.4
10 18	23 7.02	− 9 4.2	2.182	3.010	12.4	19.6

298160 2002 TR_{56} 9 14.1 283°.44 2°.8/11.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 54.15	− 9 27.2	1.950	2.811	13.1	20.7
8 19	23 49.46	− 9 59.6	1.857	2.789	10.0	20.4
8 29	23 42.64	−10 38.3	1.787	2.766	6.4	20.2
9 8	23 34.22	−11 18.0	1.743	2.743	3.2	19.9
9 18	23 25.01	−11 52.9	1.726	2.720	4.0	19.9
9 28	23 16.03	−12 17.2	1.737	2.696	7.7	20.1
10 8	23 8.28	−12 27.0	1.774	2.673	11.5	20.3
10 18	23 2.51	−12 20.5	1.833	2.649	14.9	20.5

383067 Stoofke 9 14.1 324°.42 3°.1/16.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 51.63	+ 3 44.3	1.298	2.153	18.8	20.4
8 19	23 48.46	+ 4 6.9	1.215	2.136	15.0	20.1
8 29	23 42.47	+ 4 10.4	1.151	2.119	10.5	19.8
9 8	23 34.28	+ 3 55.8	1.107	2.104	5.6	19.5
9 18	23 24.96	+ 3 26.1	1.088	2.089	3.3	19.3
9 28	23 15.94	+ 2 48.2	1.092	2.075	7.5	19.5
10 8	23 8.64	+ 2 10.3	1.120	2.062	12.6	19.8
10 18	23 4.09	+ 1 39.9	1.168	2.049	17.2	20.0

454570 2014 PE_{9} 9 14.1 348°.35 0°.5/13.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 48.19	− 2 32.6	1.806	2.666	14.1	21.6
8 19	23 44.91	− 2 56.6	1.729	2.659	10.7	21.4
8 29	23 39.67	− 3 32.3	1.674	2.653	6.8	21.1
9 8	23 33.04	− 4 15.7	1.644	2.647	2.6	20.9
9 18	23 25.81	− 5 1.2	1.640	2.642	2.0	20.8
9 28	23 18.92	− 5 42.8	1.663	2.638	6.3	21.1
10 8	23 13.28	− 6 15.1	1.711	2.635	10.3	21.3
10 18	23 9.54	− 6 34.4	1.782	2.632	13.8	21.5

233208 2005 XT_{61} 9 14.1 56°.22 1°.7/12.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 49.87	− 2 57.9	1.561	2.428	15.6	19.9
8 19	23 46.29	− 4 10.0	1.505	2.440	11.6	19.7
8 29	23 40.55	− 5 36.4	1.471	2.452	7.2	19.5
9 8	23 33.36	− 7 9.4	1.462	2.465	2.8	19.3
9 18	23 25.65	− 8 40.0	1.479	2.478	3.2	19.3
9 28	23 18.51	− 9 59.1	1.522	2.491	7.6	19.6
10 8	23 12.88	−11 0.2	1.591	2.504	11.7	19.9
10 18	23 9.39	−11 40.0	1.681	2.517	15.1	20.2

82264 2001 KB_{14} 9 14.1 120°.86 0°.3/13.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 52.82	+ 0 18.3	1.659	2.506	15.7	20.0
8 19	23 48.44	− 0 41.1	1.595	2.517	11.9	19.7
8 29	23 41.90	− 1 57.1	1.553	2.528	7.6	19.5
9 8	23 33.88	− 3 23.7	1.536	2.539	2.8	19.3
9 18	23 25.31	− 4 53.0	1.546	2.549	2.1	19.2
9 28	23 17.28	− 6 16.1	1.584	2.558	6.7	19.5
10 8	23 10.74	− 7 25.5	1.648	2.568	10.9	19.8
10 18	23 6.35	− 8 16.7	1.735	2.576	14.5	20.1

26609 2000 FQ_{34} 9 14.1 277°.61 2°.5/11.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 49.51	− 9 8.5	2.396	3.256	11.0	18.3
8 19	23 45.46	− 9 53.2	2.314	3.246	8.3	18.2
8 29	23 39.82	−10 43.5	2.256	3.235	5.3	18.0
9 8	23 33.06	−11 34.6	2.226	3.225	2.7	17.8
9 18	23 25.82	−12 21.4	2.223	3.215	3.5	17.8
9 28	23 18.83	−12 59.2	2.249	3.204	6.5	18.0
10 8	23 12.80	−13 24.4	2.301	3.194	9.5	18.2
10 18	23 8.30	−13 35.1	2.377	3.184	12.2	18.3

377123 2003 BP_{10} 9 14.1 240°.07 2°.3/16.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 57.58	+ 3 57.5	2.049	2.862	14.4	21.7
8 19	23 51.99	+ 4 7.3	1.949	2.846	11.4	21.4
8 29	23 44.24	+ 4 3.7	1.870	2.829	7.9	21.2
9 8	23 34.86	+ 3 47.5	1.818	2.811	4.2	20.9
9 18	23 24.63	+ 3 21.4	1.793	2.793	2.5	20.8
9 28	23 14.58	+ 2 49.7	1.797	2.774	5.7	20.9
10 8	23 5.71	+ 2 17.8	1.829	2.755	9.6	21.1
10 18	22 58.82	+ 1 50.6	1.886	2.734	13.2	21.3

350529 2000 GQ_{88} 9 14.1 190°.25 3°.9/ 9.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 52.95	−13 41.6	2.348	3.209	11.2	21.1
8 19	23 48.04	−14 39.7	2.277	3.208	8.5	20.9
8 29	23 41.43	−15 40.0	2.232	3.206	5.7	20.7
9 8	23 33.67	−16 37.0	2.214	3.204	4.0	20.6
9 18	23 25.45	−17 24.9	2.224	3.202	5.0	20.7
9 28	23 17.57	−17 59.0	2.262	3.199	7.6	20.8
10 8	23 10.79	−18 16.7	2.327	3.195	10.4	21.0
10 18	23 5.66	−18 17.2	2.414	3.192	12.9	21.2

138090 2000 DS_{68} 9 14.1 285°.35 0°.6/14.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 52.34	+ 0 48.9	1.544	2.395	16.5	19.7
8 19	23 48.63	+ 0 24.9	1.451	2.374	12.8	19.4
8 29	23 42.40	− 0 17.1	1.379	2.353	8.5	19.1
9 8	23 34.23	− 1 13.6	1.330	2.332	3.5	18.8
9 18	23 25.02	− 2 18.7	1.308	2.311	1.9	18.6
9 28	23 16.04	− 3 24.0	1.311	2.289	7.2	18.9
10 8	23 8.49	− 4 21.1	1.339	2.268	12.1	19.1
10 18	23 3.34	− 5 3.6	1.389	2.247	16.5	19.4

513815 2013 EN_{3} 9 14.1 97°.45 2°.9/17.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 57.98	+ 6 40.5	2.584	3.368	12.5	21.7
8 19	23 51.51	+ 7 6.7	2.516	3.392	9.9	21.6
8 29	23 43.47	+ 7 20.9	2.471	3.415	7.1	21.5
9 8	23 34.41	+ 7 23.9	2.454	3.438	4.3	21.3
9 18	23 25.01	+ 7 17.2	2.467	3.460	2.9	21.3
9 28	23 16.03	+ 7 3.7	2.509	3.482	4.7	21.4
10 8	23 8.15	+ 6 47.1	2.581	3.504	7.3	21.6
10 18	23 1.89	+ 6 31.0	2.680	3.525	9.8	21.8

199321 2006 BN_{117} 9 14.1 10°.32 3°.0/11.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 51.84	− 7 31.4	1.449	2.326	15.9	20.4
8 19	23 48.06	− 8 19.3	1.386	2.327	12.0	20.2
8 29	23 41.84	− 9 17.1	1.345	2.328	7.5	19.9
9 8	23 33.91	−10 17.4	1.328	2.330	3.5	19.7
9 18	23 25.31	−11 12.1	1.336	2.332	4.4	19.8
9 28	23 17.28	−11 53.3	1.370	2.335	8.7	20.0
10 8	23 10.92	−12 15.9	1.427	2.338	12.9	20.3
10 18	23 6.95	−12 18.3	1.505	2.341	16.6	20.5

166208 2002 EL_{128} 9 14.1 318°.30 0°.8/13.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 51.89	− 3 10.6	1.140	2.022	18.9	20.0
8 19	23 48.99	− 3 24.1	1.062	2.003	14.6	19.7
8 29	23 42.98	− 3 54.1	1.003	1.986	9.4	19.3
9 8	23 34.53	− 4 35.6	0.965	1.968	3.6	18.9
9 18	23 24.84	− 5 20.8	0.949	1.952	2.9	18.8
9 28	23 15.52	− 6 0.5	0.957	1.936	9.0	19.1
10 8	23 8.16	− 6 26.1	0.987	1.921	14.8	19.4
10 18	23 3.85	− 6 32.6	1.035	1.907	19.7	19.7

93046 2000 SM_6 9 14.1 338.°12 10.°9/ 2.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 47.08	−22 31.8	1.262	2.165	16.0	18.4
8 19	23 45.06	−24 52.0	1.210	2.152	13.1	18.1
8 29	23 40.25	−27 9.5	1.179	2.141	11.2	18.0
9 8	23 33.38	−29 8.8	1.171	2.130	11.2	18.0
9 18	23 25.62	−30 36.4	1.185	2.120	13.3	18.1
9 28	23 18.43	−31 23.6	1.219	2.112	16.3	18.2
10 8	23 13.12	−31 28.6	1.272	2.104	19.4	18.4
10 18	23 10.55	−30 55.1	1.340	2.098	22.2	18.6

351139 2003 WX_{160} 9 14.1 240.°46 1.°6/12.4 18

8 9	23 52.40	− 5 38.6	2.133	2.985	12.5	22.6
8 19	23 47.86	− 6 19.5	2.047	2.974	9.4	22.3
8 29	23 41.47	− 7 9.4	1.984	2.962	5.9	22.1
9 8	23 33.74	− 8 3.4	1.948	2.950	2.4	21.9
9 18	23 25.41	− 8 56.2	1.940	2.938	2.8	21.9
9 28	23 17.34	− 9 41.9	1.961	2.925	6.5	22.1
10 8	23 10.39	−10 16.0	2.008	2.912	10.1	22.3
10 18	23 5.19	−10 35.5	2.078	2.899	13.2	22.5

521866 2015 TV_{377} 9 14.1 300.°44 7.°9/ 5.5 18

8 9	23 55.52	−27 21.1	2.221	3.079	11.8	21.3
8 19	23 50.18	−28 17.0	2.161	3.072	9.8	21.2
8 29	23 42.87	−29 5.0	2.124	3.064	8.3	21.0
9 8	23 34.24	−29 37.9	2.112	3.056	7.9	21.0
9 18	23 25.13	−29 50.4	2.126	3.048	9.0	21.1
9 28	23 16.50	−29 39.5	2.165	3.041	10.9	21.2
10 8	23 9.22	−29 5.1	2.227	3.034	13.0	21.3
10 18	23 3.91	−28 9.6	2.309	3.026	15.0	21.5

85202 1992 DR_{11} 9 14.1 85.°06 2.°4/11.3 18

8 9	23 48.89	− 6 40.3	2.117	2.978	12.2	19.8
8 19	23 45.10	− 7 48.1	2.051	2.983	9.1	19.6
8 29	23 39.61	− 9 4.2	2.009	2.989	5.7	19.4
9 8	23 32.99	−10 22.7	1.993	2.994	2.7	19.3
9 18	23 25.92	−11 36.9	2.006	2.999	3.5	19.3
9 28	23 19.22	−12 40.6	2.047	3.005	6.8	19.6
10 8	23 13.62	−13 29.2	2.114	3.010	10.0	19.8
10 18	23 9.69	−14 0.3	2.204	3.015	12.9	20.0

41203 1999 WK_7 9 14.1 92.°93 4.°0/19.2 18

8 9	23 50.29	+12 18.3	2.431	3.206	13.5	18.5
8 19	23 45.93	+12 15.2	2.359	3.222	11.0	18.4
8 29	23 40.04	+11 55.0	2.308	3.238	8.3	18.2
9 8	23 33.13	+11 18.6	2.282	3.254	5.6	18.1
9 18	23 25.84	+10 28.8	2.283	3.269	4.0	18.0
9 28	23 18.90	+ 9 30.0	2.312	3.285	5.0	18.1
10 8	23 12.98	+ 8 27.8	2.369	3.300	7.5	18.3
10 18	23 8.57	+ 7 27.6	2.453	3.315	10.0	18.5

465900 2010 UG_{107} 9 14.1 227.°42 2.°3/19.2 16

8 9	23 43.10	+11 26.0	4.571	5.331	7.8	21.2
8 19	23 39.94	+11 18.3	4.474	5.329	6.4	21.1
8 29	23 35.99	+11 1.4	4.402	5.327	4.8	21.0
9 8	23 31.53	+10 36.1	4.356	5.325	3.3	20.8
9 18	23 26.84	+10 3.8	4.338	5.324	2.4	20.8
9 28	23 22.28	+ 9 26.4	4.351	5.322	2.9	20.8
10 8	23 18.16	+ 8 46.5	4.392	5.320	4.4	20.9
10 18	23 14.78	+ 8 6.5	4.462	5.318	6.0	21.0

188905 2007 AV_{25} 9 14.1 320.°17 4.°6/ 9.6 18

8 9	23 44.61	− 5 56.7	1.215	2.110	17.1	19.6
8 19	23 43.22	− 7 53.7	1.137	2.088	12.9	19.3
8 29	23 39.16	−10 13.5	1.080	2.067	8.2	19.0
9 8	23 33.03	−12 44.5	1.046	2.046	4.7	18.8
9 18	23 25.82	−15 11.0	1.036	2.026	6.9	18.8
9 28	23 18.93	−17 16.6	1.051	2.007	11.8	19.0
10 8	23 13.72	−18 49.6	1.086	1.989	16.8	19.3
10 18	23 11.17	−19 45.0	1.140	1.972	21.1	19.5

82715 2001 PP_{47} 9 14.1 15.°78 7.°8/ 6.6 18

8 9	23 51.81	−20 55.3	1.629	2.513	14.1	18.4
8 19	23 47.85	−22 17.5	1.581	2.516	11.2	18.2
8 29	23 41.58	−23 35.7	1.555	2.519	8.7	18.1
9 8	23 33.78	−24 40.5	1.553	2.523	7.9	18.0
9 18	23 25.44	−25 23.8	1.575	2.527	9.3	18.1
9 28	23 17.72	−25 40.5	1.622	2.532	11.9	18.3
10 8	23 11.61	−25 29.7	1.690	2.537	14.7	18.5
10 18	23 7.77	−24 53.6	1.777	2.543	17.3	18.7

360519 2003 QF_{49} 9 14.1 14.°58 2.°4/11.7 18

8 9	23 47.66	− 6 29.7	1.763	2.636	13.8	19.7
8 19	23 44.47	− 7 25.0	1.702	2.640	10.3	19.5
8 29	23 39.34	− 8 29.6	1.662	2.645	6.4	19.3
9 8	23 32.91	− 9 37.1	1.648	2.650	2.9	19.1
9 18	23 25.98	−10 40.4	1.661	2.657	3.7	19.2
9 28	23 19.50	−11 32.7	1.700	2.664	7.4	19.4
10 8	23 14.31	−12 9.2	1.764	2.671	11.0	19.7
10 18	23 11.02	−12 27.5	1.850	2.680	14.2	19.9

209953 2006 FG_{37} 9 14.1 134.°90 2.°7/12.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 58.46	− 7 23.2	1.534	2.397	16.0	20.7
8 19	23 52.88	− 8 6.3	1.475	2.407	12.0	20.5
8 29	23 44.80	− 8 58.3	1.437	2.417	7.6	20.2
9 8	23 35.04	− 9 52.1	1.424	2.426	3.4	20.0
9 18	23 24.67	−10 40.3	1.438	2.434	4.0	20.1
9 28	23 14.99	−11 15.9	1.479	2.442	8.3	20.4
10 8	23 7.08	−11 34.5	1.544	2.450	12.5	20.6
10 18	23 1.68	−11 34.8	1.631	2.457	16.0	20.9

476035 2007 RR_{265} 9 14.1 12.°95 1.°0/15.0 16

8 9	23 46.95	+ 3 7.2	1.386	2.245	17.5	21.1
8 19	23 44.43	+ 2 23.5	1.322	2.248	13.6	20.8
8 29	23 39.57	+ 1 17.9	1.277	2.252	8.9	20.6
9 8	23 33.07	− 0 4.3	1.256	2.257	3.9	20.3
9 18	23 25.90	− 1 34.9	1.259	2.262	1.9	20.2
9 28	23 19.26	− 3 3.6	1.288	2.269	6.8	20.5
10 8	23 14.19	− 4 20.6	1.341	2.276	11.5	20.8
10 18	23 11.41	− 5 19.6	1.415	2.284	15.6	21.1

423097 Richardjarrell 9 14.1 216.°17 2.°3/12.1 17

8 9	23 55.40	− 6 25.0	1.752	2.611	14.5	22.2
8 19	23 50.50	− 7 12.6	1.674	2.605	10.9	22.0
8 29	23 43.33	− 8 10.2	1.619	2.598	6.9	21.7
9 8	23 34.51	− 9 11.9	1.589	2.591	3.0	21.5
9 18	23 24.97	−10 10.5	1.586	2.583	3.6	21.5
9 28	23 15.82	−10 58.8	1.611	2.575	7.8	21.7
10 8	23 8.10	−11 31.6	1.662	2.566	11.8	22.0
10 18	23 2.58	−11 46.3	1.734	2.557	15.4	22.2

93336 2000 SF_{236} 9 14.1 234.°70 1.°8/16.2 18

8 9	23 50.11	+ 6 24.1	1.935	2.755	14.8	20.1
8 19	23 46.33	+ 5 37.9	1.845	2.746	11.7	19.8
8 29	23 40.60	+ 4 31.3	1.777	2.738	8.1	19.6
9 8	23 33.45	+ 3 7.4	1.734	2.729	4.1	19.3
9 18	23 25.64	+ 1 31.9	1.718	2.720	2.0	19.2
9 28	23 18.10	− 0 7.2	1.731	2.711	5.6	19.4
10 8	23 11.74	− 1 41.2	1.771	2.701	9.6	19.6
10 18	23 7.24	− 3 3.0	1.836	2.691	13.2	19.8

115036 2003 QZ_{106} 9 14.1 331.°04 0.°8/13.7 18

8 9	23 56.23	− 5 48.7	1.407	2.276	16.8	19.2
8 19	23 51.73	− 5 30.4	1.326	2.260	12.9	18.9
8 29	23 44.43	− 5 19.8	1.266	2.246	8.3	18.6
9 8	23 35.03	− 5 13.3	1.229	2.232	3.2	18.3
9 18	23 24.62	− 5 6.7	1.217	2.219	2.5	18.2
9 28	23 14.63	− 4 55.4	1.230	2.207	7.8	18.5
10 8	23 6.39	− 4 35.5	1.268	2.196	12.8	18.8
10 18	23 0.84	− 4 4.9	1.327	2.186	17.0	19.0

452180 2015 RK_{89} 9 14.1 20.°75 5.°8/20.1 18

8 9	23 50.39	+14 4.3	1.934	2.715	16.2	20.6
8 19	23 46.53	+14 28.2	1.856	2.718	13.6	20.4
8 29	23 40.70	+14 31.1	1.797	2.722	10.5	20.2
9 8	23 33.47	+14 12.4	1.761	2.726	7.6	20.1
9 18	23 25.64	+13 33.9	1.750	2.730	5.8	20.0
9 28	23 18.16	+12 40.2	1.765	2.735	6.6	20.0
10 8	23 11.91	+11 38.1	1.807	2.740	9.2	20.2
10 18	23 7.57	+10 35.1	1.872	2.745	12.2	20.4

220810 2004 TU_{247} 9 14.1 353.°12 1.°6/16.2 18

8 9	23 44.20	+ 8 30.1	1.796	2.622	15.6	19.2
8 19	23 41.94	+ 7 4.9	1.713	2.617	12.3	19.0
8 29	23 37.82	+ 5 13.5	1.651	2.614	8.4	18.8
9 8	23 32.37	+ 3 0.8	1.614	2.611	4.2	18.5
9 18	23 26.35	+ 0 35.4	1.606	2.608	1.8	18.3
9 28	23 20.66	− 1 51.6	1.626	2.607	5.7	18.6
10 8	23 16.14	− 4 8.7	1.674	2.606	9.9	18.8
10 18	23 13.43	− 6 7.1	1.746	2.606	13.6	19.1

21224 1995 DM_6 9 14.1 259.°76 0.°7/14.7 18

8 9	23 56.47	− 1 41.5	2.374	3.201	12.2	18.1
8 19	23 50.70	− 1 24.8	2.287	3.197	9.4	17.9
8 29	23 43.16	− 1 15.6	2.224	3.193	6.2	17.7
9 8	23 34.39	− 1 12.1	2.188	3.188	2.6	17.5
9 18	23 25.09	− 1 12.0	2.181	3.184	1.4	17.4
9 28	23 16.08	− 1 12.3	2.205	3.180	5.0	17.6
10 8	23 8.16	− 1 10.0	2.256	3.176	8.4	17.9
10 18	23 1.92	− 1 2.7	2.333	3.172	11.4	18.0

169885 2002 RE_{152} 9 14.1 69.°19 3.°9/18.5 18

8 9	23 49.08	+11 32.5	1.884	2.683	16.0	20.1
8 19	23 45.53	+11 8.3	1.805	2.686	13.0	19.9
8 29	23 40.05	+10 21.3	1.746	2.690	9.6	19.7
9 8	23 33.23	+ 9 13.3	1.711	2.693	6.0	19.5
9 18	23 25.83	+ 7 48.6	1.703	2.697	3.9	19.4
9 28	23 18.80	+ 6 14.6	1.721	2.700	5.7	19.5
10 8	23 13.02	+ 4 40.1	1.767	2.704	9.1	19.7
10 18	23 9.11	+ 3 12.8	1.837	2.707	12.5	19.9

347076 2010 GD_{26} 9 14.1 126°.78 1°.3/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 50.82	+ 4 4.7	1.973	2.800	14.3	21.3
8 19	23 46.69	+ 3 25.6	1.900	2.807	11.1	21.1
8 29	23 40.70	+ 2 29.7	1.849	2.815	7.4	20.9
9 8	23 33.45	+ 1 20.9	1.823	2.821	3.5	20.7
9 18	23 25.71	+ 0 4.6	1.825	2.828	1.7	20.6
9 28	23 18.35	− 1 12.2	1.856	2.834	5.4	20.8
10 8	23 12.21	− 2 22.5	1.913	2.841	9.2	21.1
10 18	23 7.88	− 3 21.0	1.995	2.846	12.5	21.3

447765 2007 LJ_{13} 9 14.1 182°.69 4°.2/21.2 18

8 9	23 48.47	+17 35.0	3.195	3.921	11.5	22.3
8 19	23 44.32	+17 13.3	3.097	3.922	9.7	22.2
8 29	23 38.95	+16 34.9	3.022	3.922	7.6	22.0
9 8	23 32.74	+15 40.3	2.971	3.921	5.6	21.9
9 18	23 26.17	+14 31.5	2.948	3.920	4.3	21.8
9 28	23 19.80	+13 12.2	2.955	3.919	4.6	21.8
10 8	23 14.17	+11 47.4	2.992	3.917	6.3	21.9
10 18	23 9.72	+10 22.3	3.056	3.915	8.4	22.1

331122 2010 UJ_{82} 9 14.1 21°.97 0°.4/14.4 17

8 9	23 50.44	+ 0 55.5	1.155	2.028	19.4	20.2
8 19	23 47.49	+ 0 21.1	1.097	2.032	14.9	20.0
8 29	23 41.72	− 0 35.3	1.058	2.037	9.7	19.7
9 8	23 33.95	− 1 47.4	1.040	2.042	3.9	19.4
9 18	23 25.41	− 3 6.1	1.045	2.048	2.2	19.3
9 28	23 17.54	− 4 20.3	1.075	2.055	8.0	19.7
10 8	23 11.63	− 5 20.2	1.127	2.063	13.2	20.0
10 18	23 8.48	− 6 0.0	1.199	2.071	17.6	20.3

356893 2011 XL_3 9 14.1 343°.56 2°.2/17.9 15

8 9	23 47.91	+ 7 56.1	4.259	5.033	8.1	20.4
8 19	23 43.58	+ 8 12.8	4.165	5.032	6.5	20.3
8 29	23 38.33	+ 8 21.7	4.095	5.031	4.8	20.2
9 8	23 32.47	+ 8 23.3	4.052	5.030	3.1	20.1
9 18	23 26.34	+ 8 18.7	4.039	5.029	2.2	20.0
9 28	23 20.35	+ 8 9.4	4.056	5.028	3.1	20.1
10 8	23 14.86	+ 7 57.4	4.103	5.027	4.8	20.2
10 18	23 10.22	+ 7 44.9	4.178	5.027	6.5	20.3

275894 2001 TL_{57} 9 14.1 330°.76 0°.6/13.7 18

8 9	23 50.45	− 3 0.1	1.237	2.116	18.0	20.1
8 19	23 47.62	− 3 12.0	1.160	2.099	13.8	19.8
8 29	23 41.96	− 3 39.1	1.101	2.084	8.9	19.5
9 8	23 34.14	− 4 16.8	1.065	2.069	3.4	19.1
9 18	23 25.24	− 4 58.2	1.052	2.055	2.6	19.1
9 28	23 16.74	− 5 34.7	1.063	2.042	8.3	19.4
10 8	23 10.03	− 5 58.9	1.096	2.030	13.7	19.6
10 18	23 6.10	− 6 6.0	1.149	2.020	18.3	19.9

477025 2008 YR_{170} 9 14.1 326°.87 0°.4/13.7 18

8 9	23 50.24	− 1 26.5	1.658	2.516	15.2	21.0
8 19	23 46.68	− 2 2.1	1.581	2.510	11.6	20.8
8 29	23 40.93	− 2 52.4	1.526	2.504	7.4	20.5
9 8	23 33.62	− 3 52.4	1.496	2.499	2.8	20.3
9 18	23 25.62	− 4 55.8	1.491	2.494	2.1	20.2
9 28	23 18.00	− 5 54.7	1.514	2.489	6.8	20.5
10 8	23 11.77	− 6 42.5	1.561	2.485	11.1	20.7
10 18	23 7.65	− 7 14.8	1.631	2.481	14.9	21.0

439110 2011 SH_{78} 9 14.1 346°.15 1°.2/15.4 18

8 9	23 49.07	+ 3 41.2	1.821	2.658	15.0	21.0
8 19	23 45.58	+ 3 2.1	1.744	2.657	11.6	20.7
8 29	23 40.13	+ 2 4.8	1.687	2.656	7.8	20.5
9 8	23 33.29	+ 0 53.4	1.656	2.655	3.5	20.3
9 18	23 25.85	− 0 26.3	1.651	2.654	1.7	20.1
9 28	23 18.77	− 1 46.5	1.674	2.653	5.8	20.4
10 8	23 12.94	− 2 59.6	1.723	2.653	9.8	20.6
10 18	23 9.01	− 3 59.7	1.796	2.653	13.4	20.9

516383 2018 CO_9 9 14.1 193°.46 4°.2/ 8.9 18

8 9	23 52.38	−14 32.9	2.422	3.284	10.9	21.8
8 19	23 47.61	−15 40.6	2.352	3.282	8.2	21.6
8 29	23 41.20	−16 50.5	2.307	3.279	5.7	21.4
9 8	23 33.65	−17 56.3	2.289	3.276	4.2	21.4
9 18	23 25.64	−18 52.4	2.300	3.273	5.3	21.4
9 28	23 17.95	−19 33.9	2.340	3.269	7.8	21.6
10 8	23 11.30	−19 58.0	2.405	3.264	10.4	21.7
10 18	23 6.25	−20 4.0	2.492	3.259	12.8	21.9

126780 Ivovasiljev 9 14.1 60°.78 0°.1/14.2 18

8 9	23 50.20	− 0 37.7	2.051	2.895	13.3	19.9
8 19	23 46.10	− 1 8.0	1.985	2.905	10.1	19.8
8 29	23 40.28	− 1 50.1	1.942	2.915	6.4	19.6
9 8	23 33.29	− 2 39.9	1.924	2.926	2.5	19.3
9 18	23 25.88	− 3 32.4	1.934	2.937	1.5	19.3
9 28	23 18.88	− 4 22.0	1.972	2.948	5.4	19.6
10 8	23 13.04	− 5 3.7	2.037	2.959	9.0	19.8
10 18	23 8.93	− 5 34.0	2.126	2.970	12.1	20.0

424452 2008 CY_{80} 9 14.1 223°.23 1°.6/12.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 55.37	− 4 32.4	1.771	2.625	14.6	22.1
8 19	23 50.51	− 5 15.7	1.689	2.616	11.1	21.8
8 29	23 43.37	− 6 10.7	1.629	2.607	7.0	21.6
9 8	23 34.58	− 7 12.1	1.595	2.597	2.7	21.3
9 18	23 25.03	− 8 12.8	1.588	2.587	3.0	21.3
9 28	23 15.83	− 9 5.8	1.609	2.576	7.3	21.5
10 8	23 8.02	− 9 45.1	1.655	2.565	11.5	21.7
10 18	23 2.38	−10 7.4	1.725	2.553	15.2	22.0

75784 2000 AR_{205} 9 14.1 241°.21 2°.4/16.4 18

8 9	23 52.18	+ 5 4.3	1.913	2.735	14.9	19.6
8 19	23 47.88	+ 4 59.9	1.832	2.734	11.8	19.4
8 29	23 41.58	+ 4 39.2	1.772	2.732	8.2	19.2
9 8	23 33.85	+ 4 4.3	1.737	2.731	4.4	19.0
9 18	23 25.51	+ 3 18.9	1.729	2.729	2.5	18.8
9 28	23 17.51	+ 2 28.5	1.748	2.728	5.5	19.0
10 8	23 10.75	+ 1 39.6	1.794	2.726	9.3	19.3
10 18	23 5.92	+ 0 57.5	1.864	2.724	12.8	19.5

319170 2005 YW_{108} 9 14.1 311°.77 0°.9/13.2 18

8 9	23 49.13	− 3 13.1	2.021	2.875	13.0	20.8
8 19	23 45.51	− 3 49.0	1.936	2.864	9.9	20.6
8 29	23 40.04	− 4 35.9	1.875	2.853	6.2	20.3
9 8	23 33.27	− 5 29.4	1.839	2.842	2.3	20.1
9 18	23 25.90	− 6 24.3	1.831	2.832	2.2	20.0
9 28	23 18.80	− 7 14.3	1.850	2.821	6.1	20.3
10 8	23 12.81	− 7 54.3	1.895	2.812	9.9	20.5
10 18	23 8.57	− 8 20.7	1.964	2.802	13.2	20.7

379950 2012 OC_2 9 14.1 99°.47 2°.0/16.3 18

8 9	23 50.94	+ 7 39.2	1.691	2.512	16.6	20.4
8 19	23 47.02	+ 6 38.1	1.624	2.526	13.0	20.2
8 29	23 41.03	+ 5 13.6	1.579	2.540	8.9	20.0
9 8	23 33.63	+ 3 30.6	1.559	2.554	4.5	19.8
9 18	23 25.71	+ 1 36.8	1.565	2.567	2.1	19.7
9 28	23 18.31	− 0 17.8	1.600	2.580	5.9	19.9
10 8	23 12.34	− 2 3.3	1.662	2.593	10.0	20.2
10 18	23 8.42	− 3 32.5	1.748	2.606	13.6	20.5

115023 2003 QX_{94} 9 14.1 298°.52 6°.1/ 9.0 18

8 9	0 1.20	−22 18.4	2.211	3.063	12.1	19.2
8 19	23 54.51	−22 37.7	2.129	3.046	9.7	19.0
8 29	23 45.70	−22 51.4	2.072	3.030	7.3	18.8
9 8	23 35.43	−22 53.3	2.041	3.013	6.1	18.7
9 18	23 24.57	−22 39.0	2.038	2.997	7.0	18.7
9 28	23 14.16	−22 5.6	2.064	2.981	9.3	18.9
10 8	23 5.14	−21 13.1	2.115	2.965	12.0	19.0
10 18	22 58.19	−20 3.8	2.189	2.949	14.6	19.2

493699 2015 TZ_{71} 9 14.1 316°.19 4°.3/10.3 17

8 9	23 53.37	−14 14.1	1.954	2.823	12.8	21.1
8 19	23 48.82	−14 45.9	1.874	2.808	9.7	20.8
8 29	23 42.20	−15 19.4	1.816	2.793	6.6	20.6
9 8	23 34.12	−15 48.7	1.785	2.778	4.4	20.5
9 18	23 25.38	−16 8.2	1.780	2.763	5.4	20.5
9 28	23 16.99	−16 13.2	1.802	2.749	8.4	20.7
10 8	23 9.88	−16 1.2	1.849	2.735	11.8	20.8
10 18	23 4.74	−15 31.9	1.918	2.722	14.8	21.0

221061 2005 QW_{154} 9 14.1 284°.08 1°.1/14.9 18

8 9	23 57.38	− 0 35.9	1.547	2.394	16.6	20.5
8 19	23 52.42	− 0 21.7	1.462	2.382	13.0	20.3
8 29	23 44.81	− 0 20.1	1.398	2.370	8.6	20.0
9 8	23 35.22	− 0 29.0	1.358	2.358	3.8	19.7
9 18	23 24.66	− 0 44.4	1.343	2.346	2.0	19.5
9 28	23 14.44	− 1 1.2	1.356	2.334	6.9	19.8
10 8	23 5.82	− 1 13.7	1.393	2.323	11.7	20.1
10 18	22 59.72	− 1 17.5	1.453	2.311	15.9	20.3

93598 2000 UD_{56} 9 14.1 352°.64 4°.3/10.8 18

8 9	23 43.71	− 8 16.6	1.024	1.934	18.3	17.8
8 19	23 42.76	− 9 15.3	0.965	1.923	13.8	17.5
8 29	23 38.93	−10 27.6	0.925	1.914	8.8	17.2
9 8	23 32.98	−11 43.2	0.904	1.906	4.7	17.0
9 18	23 26.09	−12 50.3	0.906	1.901	6.1	17.1
9 28	23 19.81	−13 37.4	0.929	1.898	11.1	17.3
10 8	23 15.48	−13 57.7	0.972	1.897	16.0	17.6
10 18	23 13.97	−13 49.2	1.033	1.898	20.3	17.9

65243 2002 EP_{118} 9 14.1 316°.25 0°.3/14.7 17

8 9	23 43.44	− 0 16.9	4.232	5.056	7.3	19.8
8 19	23 40.26	− 0 37.1	4.143	5.052	5.6	19.7
8 29	23 36.26	− 1 3.2	4.079	5.048	3.6	19.5
9 8	23 31.70	− 1 33.5	4.043	5.044	1.5	19.3
9 18	23 26.92	− 2 5.8	4.037	5.040	0.8	19.3
9 28	23 22.27	− 2 37.9	4.061	5.036	2.9	19.5
10 8	23 18.09	− 3 7.4	4.114	5.032	5.0	19.6
10 18	23 14.70	− 3 32.2	4.193	5.029	6.8	19.7

342752 2008 WY_{68} 9 14.1 281°.73 0°.9/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 51.20	+ 1 49.8	1.800	2.640	14.9	21.3
8 19	23 47.43	+ 1 23.4	1.705	2.621	11.7	21.1
8 29	23 41.48	+ 0 40.2	1.631	2.602	7.7	20.8
9 8	23 33.90	− 0 16.6	1.582	2.582	3.4	20.5
9 18	23 25.49	− 1 21.7	1.559	2.562	1.7	20.3
9 28	23 17.27	− 2 28.0	1.564	2.542	6.2	20.6
10 8	23 10.29	− 3 28.1	1.595	2.523	10.6	20.8
10 18	23 5.33	− 4 16.0	1.649	2.503	14.5	21.0

523031 2016 PT_{125} 9 14.1 321°.77 9°.3/ 5.5 18

8 9	23 51.64	−21 58.9	1.449	2.339	15.2	20.3
8 19	23 48.27	−23 33.2	1.386	2.323	12.3	20.1
8 29	23 42.22	−25 4.8	1.345	2.308	9.9	19.9
9 8	23 34.21	−26 22.0	1.326	2.293	9.3	19.8
9 18	23 25.33	−27 14.2	1.331	2.278	11.0	19.9
9 28	23 16.95	−27 34.2	1.358	2.265	14.0	20.0
10 8	23 10.34	−27 20.3	1.405	2.252	17.2	20.2
10 18	23 6.32	−26 35.2	1.470	2.239	20.1	20.4

128189 2003 SR_{6} 9 14.2 341°.78 0°.6/14.7 18

8 9	23 47.44	+ 0 53.9	1.890	2.738	14.0	19.0
8 19	23 44.34	+ 0 27.5	1.808	2.729	10.8	18.7
8 29	23 39.35	− 0 13.3	1.748	2.721	7.1	18.5
9 8	23 33.02	− 1 5.1	1.713	2.714	3.0	18.2
9 18	23 26.09	− 2 2.7	1.704	2.707	1.5	18.1
9 28	23 19.46	− 2 59.7	1.723	2.701	5.7	18.4
10 8	23 13.99	− 3 49.8	1.767	2.696	9.7	18.6
10 18	23 10.32	− 4 28.4	1.835	2.691	13.2	18.8

155183 2005 UB_{327} 9 14.2 280°.96 0°.7/14.9 17

8 9	23 50.54	+ 0 54.1	2.219	3.052	12.7	21.0
8 19	23 46.51	+ 0 33.6	2.120	3.032	9.9	20.8
8 29	23 40.69	+ 0 0.6	2.043	3.012	6.5	20.5
9 8	23 33.55	− 0 42.3	1.992	2.992	2.8	20.3
9 18	23 25.75	− 1 31.1	1.968	2.971	1.4	20.1
9 28	23 18.12	− 2 20.6	1.974	2.951	5.3	20.4
10 8	23 11.47	− 3 5.3	2.006	2.930	9.0	20.6
10 18	23 6.46	− 3 41.0	2.063	2.909	12.3	20.7

175598 2006 UP_{86} 9 14.2 85°.52 0°.5/13.7 18

8 9	23 51.74	− 2 35.7	2.025	2.873	13.3	20.7
8 19	23 47.37	− 3 2.0	1.952	2.875	10.1	20.5
8 29	23 41.16	− 3 38.8	1.902	2.877	6.4	20.3
9 8	23 33.69	− 4 21.9	1.877	2.880	2.4	20.0
9 18	23 25.71	− 5 6.5	1.880	2.882	1.8	20.0
9 28	23 18.11	− 5 47.1	1.911	2.884	5.8	20.3
10 8	23 11.71	− 6 19.0	1.969	2.887	9.5	20.5
10 18	23 7.09	− 6 39.1	2.050	2.889	12.7	20.7

519681 2013 AN_{48} 9 14.2 98°.44 2°.9/17.2 18

8 9	23 55.90	+ 6 51.8	2.335	3.129	13.4	21.7
8 19	23 50.14	+ 7 2.5	2.270	3.152	10.6	21.5
8 29	23 42.74	+ 6 59.4	2.227	3.175	7.5	21.4
9 8	23 34.25	+ 6 43.7	2.211	3.198	4.4	21.2
9 18	23 25.41	+ 6 18.0	2.224	3.220	2.9	21.2
9 28	23 17.01	+ 5 46.3	2.265	3.241	4.8	21.3
10 8	23 9.78	+ 5 13.2	2.335	3.262	7.8	21.6
10 18	23 4.25	+ 4 42.9	2.431	3.283	10.5	21.8

25590 1999 XM_{238} 9 14.2 311°.24 3°.6/17.7 18

8 9	23 46.47	+ 9 50.8	1.569	2.394	17.5	18.0
8 19	23 44.23	+ 9 20.9	1.465	2.365	14.3	17.7
8 29	23 39.68	+ 8 22.9	1.380	2.336	10.4	17.4
9 8	23 33.30	+ 6 57.6	1.318	2.308	6.2	17.1
9 18	23 25.90	+ 5 9.6	1.280	2.279	3.6	16.9
9 28	23 18.61	+ 3 8.1	1.269	2.252	6.6	17.0
10 8	23 12.61	+ 1 5.5	1.282	2.224	11.3	17.2
10 18	23 8.84	− 0 46.6	1.319	2.198	15.9	17.4

199961 2007 HF_{48} 9 14.2 55°.07 1°.3/15.4 16

8 9	23 50.96	+ 3 45.7	1.492	2.338	17.2	21.2
8 19	23 47.26	+ 3 8.5	1.434	2.352	13.3	21.0
8 29	23 41.29	+ 2 11.1	1.395	2.366	8.8	20.8
9 8	23 33.78	+ 0 58.2	1.381	2.380	4.0	20.5
9 18	23 25.72	− 0 22.8	1.391	2.394	1.9	20.4
9 28	23 18.25	− 1 42.7	1.429	2.409	6.4	20.8
10 8	23 12.37	− 2 53.1	1.491	2.424	10.8	21.1
10 18	23 8.75	− 3 48.0	1.576	2.439	14.6	21.3

222210 2000 EX_{59} 9 14.2 157°.12 0°.2/14.3 17

8 9	23 52.96	+ 0 52.8	1.788	2.629	15.0	21.5
8 19	23 48.54	+ 0 7.0	1.716	2.634	11.5	21.3
8 29	23 42.03	− 0 54.6	1.665	2.638	7.4	21.1
9 8	23 34.07	− 2 7.5	1.640	2.642	2.9	20.8
9 18	23 25.52	− 3 24.8	1.642	2.645	1.7	20.7
9 28	23 17.41	− 4 38.9	1.673	2.648	6.2	21.0
10 8	23 10.66	− 5 42.6	1.729	2.651	10.3	21.3
10 18	23 5.95	− 6 31.2	1.810	2.653	13.9	21.5

39293 2001 DQ_{10} 9 14.2 324°.27 1°.0/11.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 42.87	− 6 24.6	4.208	5.054	7.0	19.1
8 19	23 39.85	− 7 6.3	4.127	5.052	5.2	18.9
8 29	23 36.02	− 7 52.1	4.073	5.050	3.2	18.8
9 8	23 31.64	− 8 39.4	4.046	5.048	1.4	18.6
9 18	23 27.04	− 9 25.5	4.050	5.046	1.7	18.7
9 28	23 22.57	−10 7.7	4.084	5.045	3.6	18.8
10 8	23 18.59	−10 43.8	4.147	5.043	5.5	18.9
10 18	23 15.39	−11 12.1	4.235	5.041	7.3	19.1

178292 1990 QZ_{19} 9 14.2 21°.35 2°.3/16.6 18

8 9	23 46.87	+ 6 35.0	1.578	2.416	16.8	19.5
8 19	23 44.13	+ 6 1.0	1.513	2.424	13.2	19.3
8 29	23 39.30	+ 5 4.8	1.468	2.432	9.1	19.1
9 8	23 33.02	+ 3 50.2	1.446	2.441	4.8	18.8
9 18	23 26.18	+ 2 23.8	1.449	2.451	2.4	18.7
9 28	23 19.82	+ 0 54.5	1.479	2.461	5.9	19.0
10 8	23 14.86	− 0 28.6	1.534	2.473	10.1	19.2
10 18	23 11.95	− 1 38.4	1.613	2.485	13.8	19.5

398288 2010 VP_{14} 9 14.2 3°.48 7°.2/22.2 18

8 9	23 44.13	+18 13.9	1.552	2.337	19.4	19.7
8 19	23 42.28	+18 16.5	1.476	2.336	16.5	19.5
8 29	23 38.25	+17 48.1	1.418	2.337	13.2	19.3
9 8	23 32.66	+16 47.9	1.379	2.338	9.9	19.1
9 18	23 26.39	+15 19.0	1.364	2.341	7.5	19.0
9 28	23 20.52	+13 29.1	1.373	2.345	7.7	19.0
10 8	23 16.06	+11 29.5	1.407	2.350	10.4	19.2
10 18	23 13.71	+ 9 32.1	1.464	2.357	13.7	19.4

433208 2012 UH_{95} 9 14.2 22°.26 3°.5/11.8 18

8 9	23 53.84	− 9 31.9	1.250	2.136	17.3	19.9
8 19	23 49.82	− 9 58.5	1.200	2.144	13.0	19.7
8 29	23 43.07	−10 32.1	1.169	2.153	8.3	19.5
9 8	23 34.49	−11 5.0	1.162	2.163	4.1	19.3
9 18	23 25.31	−11 29.7	1.178	2.174	4.8	19.4
9 28	23 16.93	−11 40.0	1.219	2.186	9.2	19.6
10 8	23 10.52	−11 32.3	1.282	2.198	13.6	19.9
10 18	23 6.79	−11 6.5	1.365	2.212	17.4	20.2

254679 2005 LU_{50} 9 14.2 307°.69 1°.0/12.3 17 R

8 9	23 43.02	− 5 41.7	4.024	4.869	7.3	19.9
8 19	23 40.02	− 6 23.0	3.937	4.860	5.4	19.8
8 29	23 36.16	− 7 9.0	3.875	4.852	3.4	19.6
9 8	23 31.71	− 7 57.1	3.841	4.844	1.4	19.4
9 18	23 27.01	− 8 44.5	3.838	4.835	1.6	19.5
9 28	23 22.43	− 9 28.3	3.865	4.827	3.7	19.6
10 8	23 18.36	−10 6.1	3.920	4.819	5.7	19.7
10 18	23 15.10	−10 35.9	4.001	4.811	7.6	19.9

68260 2001 DV_{107} 9 14.2 36°.96 10°.2/26.7 18

8 9	23 52.85	+28 9.0	2.215	2.882	17.4	19.0
8 19	23 48.46	+29 17.8	2.136	2.888	15.7	18.9
8 29	23 42.03	+30 2.4	2.073	2.894	13.8	18.8
9 8	23 34.11	+30 19.2	2.029	2.901	12.0	18.7
9 18	23 25.49	+30 6.7	2.008	2.907	10.6	18.6
9 28	23 17.13	+29 26.6	2.010	2.914	10.2	18.6
10 8	23 9.98	+28 24.4	2.036	2.921	10.9	18.7
10 18	23 4.78	+27 7.6	2.085	2.929	12.3	18.8

128622 Rudiš 9 14.2 316°.61 0°.1/14.1 18

8 9	23 50.06	− 1 20.4	2.056	2.902	13.1	20.4
8 19	23 46.16	− 1 44.5	1.974	2.895	10.0	20.2
8 29	23 40.45	− 2 20.2	1.915	2.889	6.5	20.0
9 8	23 33.46	− 3 3.6	1.881	2.883	2.5	19.7
9 18	23 25.91	− 3 50.3	1.875	2.877	1.6	19.7
9 28	23 18.66	− 4 34.6	1.896	2.872	5.6	19.9
10 8	23 12.51	− 5 11.4	1.944	2.866	9.4	20.2
10 18	23 8.11	− 5 37.2	2.016	2.861	12.6	20.4

67027 1999 XE_{164} 9 14.2 297°.86 1°.7/12.7 18

8 9	23 52.41	− 5 6.9	1.727	2.588	14.5	18.8
8 19	23 48.54	− 5 40.5	1.628	2.559	11.1	18.5
8 29	23 42.34	− 6 25.9	1.550	2.530	7.1	18.2
9 8	23 34.32	− 7 18.3	1.498	2.501	2.8	17.9
9 18	23 25.32	− 8 11.2	1.472	2.472	3.1	17.8
9 28	23 16.46	− 8 57.3	1.473	2.443	7.7	18.0
10 8	23 8.86	− 9 30.2	1.499	2.413	12.1	18.2
10 18	23 3.43	− 9 46.1	1.546	2.384	16.1	18.4

214534 2006 LC_{6} 9 14.2 39°.71 3°.1/12.1 17

8 9	23 54.14	− 6 34.2	1.014	1.907	19.9	19.5
8 19	23 50.33	− 7 20.0	0.978	1.926	14.9	19.3
8 29	23 43.47	− 8 17.9	0.960	1.946	9.3	19.1
9 8	23 34.63	− 9 18.3	0.963	1.966	4.0	18.9
9 18	23 25.28	−10 10.7	0.990	1.988	4.7	19.0
9 28	23 17.01	−10 46.3	1.039	2.010	9.8	19.3
10 8	23 11.06	−11 0.3	1.110	2.033	14.6	19.7
10 18	23 8.10	−10 52.1	1.199	2.056	18.6	20.0

395285 2010 XL_{87} 9 14.2 296°.75 4°.3/ 5.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 44.90	−24 26.1	4.190	5.047	6.8	20.5
8 19	23 41.44	−25 16.6	4.124	5.038	5.5	20.4
8 29	23 37.06	−26 4.0	4.084	5.029	4.5	20.4
9 8	23 32.06	−26 44.7	4.072	5.021	4.3	20.3
9 18	23 26.81	−27 16.2	4.087	5.012	5.0	20.4
9 28	23 21.72	−27 36.2	4.130	5.003	6.2	20.5
10 8	23 17.18	−27 43.5	4.198	4.995	7.5	20.6
10 18	23 13.54	−27 38.1	4.288	4.986	8.8	20.6

401940 2002 EK_{76} 9 14.2 74°.51 0°.1/14.2 18

8 9	23 54.24	− 2 32.9	2.165	3.004	12.8	21.0
8 19	23 49.12	− 2 34.5	2.092	3.009	9.8	20.8
8 29	23 42.22	− 2 44.7	2.042	3.015	6.3	20.6
9 8	23 34.12	− 3 0.6	2.018	3.020	2.4	20.4
9 18	23 25.55	− 3 18.7	2.023	3.025	1.5	20.3
9 28	23 17.37	− 3 35.0	2.056	3.031	5.3	20.6
10 8	23 10.36	− 3 45.9	2.116	3.036	8.8	20.8
10 18	23 5.11	− 3 48.9	2.201	3.042	11.9	21.0

449400 2013 GL_{131} 9 14.2 51°.13 7°.9/ 5.6 18

8 9	23 53.80	−25 42.5	2.074	2.940	12.3	20.3
8 19	23 48.93	−26 51.8	2.030	2.948	10.0	20.1
8 29	23 42.12	−27 53.5	2.010	2.956	8.3	20.0
9 8	23 34.06	−28 40.1	2.014	2.964	7.9	20.0
9 18	23 25.62	−29 6.0	2.044	2.972	9.0	20.1
9 28	23 17.74	−29 7.9	2.099	2.980	10.9	20.3
10 8	23 11.26	−28 46.1	2.177	2.989	13.1	20.4
10 18	23 6.74	−28 2.7	2.274	2.998	15.1	20.6

72599 2001 FE_{12} 9 14.2 89°.77 0°.7/13.3 18

8 9	23 48.09	− 1 43.0	2.341	3.185	11.8	19.5
8 19	23 44.39	− 2 37.5	2.269	3.190	8.9	19.3
8 29	23 39.17	− 3 42.8	2.220	3.196	5.6	19.1
9 8	23 32.94	− 4 54.4	2.199	3.202	2.1	18.9
9 18	23 26.29	− 6 6.9	2.206	3.207	1.8	18.9
9 28	23 19.96	− 7 14.5	2.242	3.213	5.3	19.1
10 8	23 14.60	− 8 12.2	2.306	3.219	8.6	19.3
10 18	23 10.72	− 8 56.6	2.394	3.224	11.4	19.5

137541 1999 VN_{70} 9 14.2 314°.46 0°.7/13.6 18

8 9	23 50.54	− 2 15.6	1.245	2.122	18.0	20.1
8 19	23 47.82	− 2 41.1	1.161	2.100	13.9	19.8
8 29	23 42.23	− 3 24.6	1.097	2.078	9.0	19.5
9 8	23 34.37	− 4 21.0	1.054	2.057	3.4	19.1
9 18	23 25.32	− 5 22.7	1.034	2.037	2.7	19.0
9 28	23 16.54	− 6 19.5	1.039	2.017	8.6	19.3
10 8	23 9.50	− 7 2.5	1.066	1.998	14.2	19.5
10 18	23 5.27	− 7 25.6	1.112	1.980	19.0	19.8

22889 Donnablaney 9 14.2 348°.96 5°.5/ 9.8 18

8 9	23 51.20	−13 12.9	1.336	2.227	16.1	18.0
8 19	23 47.91	−14 9.7	1.275	2.221	12.3	17.8
8 29	23 41.97	−15 11.3	1.234	2.215	8.3	17.6
9 8	23 34.14	−16 8.2	1.216	2.210	5.6	17.4
9 18	23 25.54	−16 51.5	1.222	2.206	7.0	17.5
9 28	23 17.52	−17 13.4	1.252	2.204	10.8	17.7
10 8	23 11.29	−17 10.6	1.304	2.201	14.9	17.9
10 18	23 7.65	−16 43.5	1.374	2.200	18.4	18.2

240631 2004 YE_{31} 9 14.2 244°.03 4°.4/ 8.9 18

8 9	23 51.54	−12 8.7	2.114	2.981	12.0	20.8
8 19	23 47.37	−13 37.1	2.032	2.966	9.1	20.6
8 29	23 41.29	−15 12.1	1.975	2.951	6.1	20.4
9 8	23 33.83	−16 46.1	1.945	2.935	4.4	20.3
9 18	23 25.71	−18 11.2	1.943	2.919	5.7	20.3
9 28	23 17.83	−19 20.2	1.969	2.902	8.7	20.5
10 8	23 11.05	−20 8.7	2.020	2.885	11.9	20.6
10 18	23 6.06	−20 34.8	2.093	2.868	14.7	20.8

139320 2001 KL_{29} 9 14.2 131°.79 2°.3/16.4 17

8 9	23 55.76	+ 5 38.8	1.829	2.645	15.7	20.6
8 19	23 50.56	+ 5 22.0	1.760	2.658	12.4	20.4
8 29	23 43.27	+ 4 47.4	1.712	2.671	8.5	20.2
9 8	23 34.56	+ 3 57.7	1.689	2.683	4.4	20.0
9 18	23 25.31	+ 2 57.7	1.694	2.695	2.4	19.9
9 28	23 16.56	+ 1 54.1	1.727	2.706	5.7	20.1
10 8	23 9.23	+ 0 53.8	1.787	2.716	9.5	20.4
10 18	23 3.99	+ 0 2.6	1.871	2.726	13.0	20.6

366083 2012 CF_{43} 9 14.2 187°.57 1°.6/12.2 18

8 9	23 50.05	− 5 54.9	2.420	3.270	11.2	21.5
8 19	23 45.85	− 6 40.3	2.343	3.270	8.4	21.3
8 29	23 40.11	− 7 33.1	2.292	3.270	5.3	21.1
9 8	23 33.31	− 8 28.9	2.267	3.269	2.2	20.9
9 18	23 26.07	− 9 22.8	2.271	3.268	2.6	20.9
9 28	23 19.13	−10 9.7	2.304	3.267	5.8	21.1
10 8	23 13.15	−10 45.8	2.364	3.266	8.9	21.3
10 18	23 8.68	−11 8.7	2.448	3.264	11.6	21.5

125444 2001 VV_{120} 9 14.2 149°.45 4°.0/10.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 55.37	−12 19.0	1.977	2.840	12.9	19.6
8 19	23 50.14	−13 16.5	1.916	2.847	9.7	19.4
8 29	23 42.94	−14 17.5	1.878	2.854	6.4	19.2
9 8	23 34.42	−15 15.2	1.867	2.861	4.1	19.1
9 18	23 25.42	−16 3.2	1.884	2.867	5.1	19.2
9 28	23 16.91	−16 36.2	1.928	2.872	8.2	19.4
10 8	23 9.75	−16 51.3	1.997	2.877	11.3	19.6
10 18	23 4.56	−16 47.9	2.089	2.881	14.1	19.8

424518 2008 EC_{45} 9 14.2 131°.90 0°.3/14.5 17

8 9	23 55.57	+ 0 12.4	1.734	2.575	15.4	22.1
8 19	23 50.52	− 0 16.4	1.668	2.585	11.8	21.9
8 29	23 43.29	− 0 59.8	1.623	2.595	7.6	21.7
9 8	23 34.58	− 1 53.2	1.603	2.605	3.1	21.4
9 18	23 25.31	− 2 50.9	1.611	2.614	1.7	21.3
9 28	23 16.57	− 3 45.8	1.646	2.622	6.2	21.7
10 8	23 9.31	− 4 31.8	1.708	2.631	10.4	21.9
10 18	23 4.20	− 5 4.7	1.793	2.638	13.9	22.2

299097 2005 EP_{88} 9 14.2 333°.22 2°.2/16.1 18

8 9	23 52.96	+ 3 41.5	1.746	2.579	15.7	20.5
8 19	23 48.69	+ 3 45.8	1.667	2.576	12.4	20.3
8 29	23 42.24	+ 3 34.4	1.609	2.573	8.5	20.1
9 8	23 34.22	+ 3 9.0	1.575	2.570	4.4	19.8
9 18	23 25.51	+ 2 33.4	1.566	2.568	2.4	19.7
9 28	23 17.16	+ 1 53.3	1.585	2.566	5.9	19.9
10 8	23 10.18	+ 1 14.8	1.630	2.564	10.0	20.2
10 18	23 5.30	+ 0 43.5	1.698	2.562	13.7	20.4

378137 2006 VS_{44} 9 14.2 165°.04 0°.8/13.4 17

8 9	23 54.77	− 2 18.4	1.784	2.632	14.7	21.5
8 19	23 49.92	− 3 0.2	1.712	2.636	11.2	21.3
8 29	23 42.94	− 3 54.9	1.663	2.639	7.1	21.0
9 8	23 34.46	− 4 57.3	1.639	2.642	2.6	20.8
9 18	23 25.38	− 6 0.8	1.643	2.645	2.3	20.7
9 28	23 16.75	− 6 58.4	1.675	2.647	6.7	21.0
10 8	23 9.53	− 7 44.1	1.733	2.648	10.7	21.3
10 18	23 4.41	− 8 14.3	1.814	2.649	14.2	21.5

508787 2000 BJ_{50} 9 14.2 172°.37 1°.0/15.4 18

8 9	23 52.81	+ 2 23.4	2.634	3.448	11.5	23.2
8 19	23 47.80	+ 2 1.4	2.551	3.451	8.9	23.0
8 29	23 41.29	+ 1 28.2	2.492	3.455	5.9	22.8
9 8	23 33.77	+ 0 46.4	2.459	3.457	2.7	22.6
9 18	23 25.82	− 0 0.6	2.457	3.459	1.3	22.5
9 28	23 18.15	− 0 48.4	2.484	3.461	4.4	22.8
10 8	23 11.40	− 1 32.6	2.540	3.461	7.5	23.0
10 18	23 6.10	− 2 9.7	2.623	3.461	10.2	23.1

207141 2005 BL_{27} 9 14.2 287°.62 1°.1/13.0 18

8 9	23 49.23	− 0 49.8	1.771	2.625	14.6	20.3
8 19	23 46.04	− 2 1.8	1.672	2.599	11.2	20.0
8 29	23 40.69	− 3 32.8	1.595	2.574	7.1	19.7
9 8	23 33.69	− 5 17.5	1.544	2.547	2.7	19.4
9 18	23 25.80	− 7 7.5	1.520	2.521	2.7	19.3
9 28	23 18.06	− 8 52.8	1.524	2.495	7.4	19.5
10 8	23 11.50	−10 24.1	1.554	2.468	11.8	19.7
10 18	23 6.96	−11 35.0	1.607	2.442	15.8	19.9

358143 2006 QZ_{183} 9 14.2 297°.11 1°.5/12.8 18

8 9	23 53.53	− 6 3.1	1.881	2.738	13.7	21.2
8 19	23 48.99	− 6 23.3	1.800	2.729	10.4	21.0
8 29	23 42.37	− 6 51.6	1.742	2.721	6.6	20.8
9 8	23 34.26	− 7 23.6	1.710	2.712	2.6	20.5
9 18	23 25.50	− 7 54.3	1.704	2.704	2.7	20.5
9 28	23 17.09	− 8 18.1	1.727	2.696	6.8	20.7
10 8	23 9.96	− 8 31.1	1.775	2.688	10.7	21.0
10 18	23 4.83	− 8 30.8	1.846	2.680	14.1	21.2

291440 2006 DQ_{33} 9 14.2 87°.44 0°.5/13.8 18

8 9	23 54.87	− 2 59.3	1.741	2.592	14.9	20.6
8 19	23 50.00	− 3 17.1	1.675	2.599	11.3	20.4
8 29	23 42.97	− 3 45.8	1.630	2.606	7.2	20.2
9 8	23 34.46	− 4 21.2	1.610	2.613	2.7	19.9
9 18	23 25.40	− 4 58.0	1.617	2.620	2.0	19.9
9 28	23 16.85	− 5 30.3	1.652	2.626	6.5	20.2
10 8	23 9.76	− 5 53.3	1.713	2.633	10.5	20.4
10 18	23 4.81	− 6 4.0	1.796	2.640	14.0	20.7

180337 2003 YZ_{35} 9 14.2 255°.62 0°.8/14.8 18

8 9	23 53.88	+ 1 25.4	1.657	2.500	15.9	20.9
8 19	23 49.65	+ 1 0.1	1.568	2.486	12.4	20.6
8 29	23 43.02	+ 0 17.5	1.500	2.471	8.2	20.3
9 8	23 34.60	− 0 39.0	1.455	2.456	3.5	20.0
9 18	23 25.27	− 1 43.6	1.438	2.441	1.8	19.8
9 28	23 16.21	− 2 48.6	1.447	2.425	6.7	20.1
10 8	23 8.55	− 3 46.2	1.482	2.409	11.3	20.4
10 18	23 3.15	− 4 30.4	1.540	2.393	15.4	20.6

515863 2015 OG_{86} 9 14.2 26°.85 1°.7/12.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 51.47	− 5 41.4	1.839	2.700	13.8	21.8
8 19	23 47.35	− 6 17.3	1.771	2.703	10.4	21.6
8 29	23 41.26	− 7 2.3	1.727	2.706	6.5	21.3
9 8	23 33.81	− 7 51.0	1.707	2.710	2.6	21.1
9 18	23 25.83	− 8 37.6	1.714	2.713	2.9	21.1
9 28	23 18.28	− 9 16.0	1.749	2.717	6.8	21.4
10 8	23 12.05	− 9 41.9	1.809	2.721	10.6	21.6
10 18	23 7.76	− 9 52.7	1.892	2.725	13.8	21.9

41998 2000 YO_{45} 9 14.2 209°.24 2°.9/10.4 18

8 9	23 49.56	− 9 49.2	2.456	3.316	10.8	19.3
8 19	23 45.50	−10 52.1	2.381	3.313	8.1	19.2
8 29	23 39.91	−12 0.2	2.331	3.310	5.2	19.0
9 8	23 33.26	−13 8.4	2.309	3.306	3.0	18.8
9 18	23 26.16	−14 11.1	2.315	3.302	3.9	18.9
9 28	23 19.33	−15 3.1	2.350	3.298	6.7	19.0
10 8	23 13.46	−15 40.8	2.411	3.294	9.5	19.2
10 18	23 9.06	−16 2.3	2.496	3.289	12.1	19.4

485774 2012 CF_{40} 9 14.2 75°.81 2°.1/16.4 18

8 9	23 52.00	+ 4 18.1	2.267	3.083	13.1	21.4
8 19	23 47.42	+ 4 21.3	2.189	3.088	10.3	21.2
8 29	23 41.16	+ 4 11.7	2.134	3.092	7.1	21.0
9 8	23 33.75	+ 3 50.9	2.104	3.097	3.8	20.8
9 18	23 25.86	+ 3 22.0	2.102	3.102	2.2	20.7
9 28	23 18.30	+ 2 49.0	2.128	3.107	4.8	20.9
10 8	23 11.80	+ 2 16.5	2.182	3.111	8.1	21.1
10 18	23 6.94	+ 1 48.7	2.261	3.116	11.1	21.3

236583 2006 HX_{105} 9 14.2 152°.16 2°.3/16.3 18

8 9	23 57.27	+ 3 58.7	2.071	2.884	14.3	20.8
8 19	23 51.56	+ 4 13.2	1.993	2.889	11.2	20.6
8 29	23 43.88	+ 4 14.6	1.937	2.894	7.8	20.4
9 8	23 34.82	+ 4 4.1	1.906	2.899	4.2	20.2
9 18	23 25.20	+ 3 44.6	1.904	2.904	2.5	20.1
9 28	23 15.96	+ 3 20.0	1.931	2.908	5.3	20.3
10 8	23 7.99	+ 2 55.2	1.985	2.912	8.9	20.5
10 18	23 1.93	+ 2 34.4	2.064	2.915	12.1	20.7

35522 1998 FY_{62} 9 14.2 280°.77 2°.2/16.6 18

8 9	23 48.77	+ 7 41.0	1.735	2.558	16.1	17.8
8 19	23 45.57	+ 6 51.9	1.650	2.552	12.8	17.6
8 29	23 40.29	+ 5 38.9	1.586	2.546	8.9	17.3
9 8	23 33.49	+ 4 5.6	1.546	2.540	4.7	17.1
9 18	23 26.00	+ 2 18.3	1.532	2.534	2.3	16.9
9 28	23 18.83	+ 0 26.5	1.547	2.528	5.9	17.1
10 8	23 12.95	− 1 19.7	1.588	2.522	10.2	17.4
10 18	23 9.08	− 2 52.0	1.653	2.516	14.0	17.6

317221 2002 CA_{90} 9 14.2 198°.60 2°.7/11.6 17

8 9	23 54.25	− 5 47.9	1.620	2.484	15.2	21.6
8 19	23 49.82	− 6 59.9	1.548	2.482	11.5	21.3
8 29	23 43.03	− 8 24.8	1.499	2.479	7.2	21.1
9 8	23 34.56	− 9 54.7	1.474	2.476	3.3	20.8
9 18	23 25.35	−11 20.6	1.477	2.472	4.2	20.9
9 28	23 16.59	−12 33.4	1.507	2.468	8.4	21.1
10 8	23 9.34	−13 26.6	1.562	2.463	12.6	21.4
10 18	23 4.38	−13 57.3	1.638	2.458	16.2	21.6

15672 Sato-Norio 9 14.2 196°.35 0°.3/13.9 18

8 9	23 55.19	− 1 46.7	1.921	2.762	14.1	19.3
8 19	23 50.18	− 2 15.1	1.841	2.760	10.8	19.1
8 29	23 43.10	− 2 55.6	1.784	2.758	6.9	18.9
9 8	23 34.55	− 3 44.0	1.752	2.754	2.6	18.6
9 18	23 25.37	− 4 35.1	1.748	2.751	1.9	18.5
9 28	23 16.55	− 5 22.5	1.773	2.747	6.2	18.8
10 8	23 9.03	− 6 0.9	1.825	2.742	10.2	19.0
10 18	23 3.50	− 6 26.7	1.900	2.737	13.6	19.3

75992 2000 DH_{9} 9 14.2 328°.17 4°.7/17.1 18

8 9	23 55.08	+ 5 53.5	1.504	2.335	17.9	19.2
8 19	23 50.88	+ 6 49.3	1.416	2.318	14.5	18.9
8 29	23 44.00	+ 7 29.6	1.347	2.303	10.6	18.6
9 8	23 35.05	+ 7 53.2	1.301	2.288	6.7	18.4
9 18	23 25.00	+ 8 0.5	1.279	2.274	4.8	18.2
9 28	23 15.19	+ 7 54.6	1.283	2.261	7.4	18.3
10 8	23 6.92	+ 7 41.5	1.311	2.248	11.6	18.6
10 18	23 1.18	+ 7 27.3	1.361	2.236	15.7	18.8

288328 2004 BO_{65} 9 14.2 78°.67 0°.4/13.8 18

8 9	23 53.18	− 2 30.7	1.883	2.731	14.1	20.7
8 19	23 48.59	− 2 51.9	1.813	2.737	10.7	20.5
8 29	23 42.02	− 3 24.0	1.767	2.742	6.8	20.2
9 8	23 34.11	− 4 2.8	1.745	2.748	2.6	20.0
9 18	23 25.67	− 4 43.3	1.751	2.754	1.9	19.9
9 28	23 17.67	− 5 19.9	1.785	2.759	6.1	20.2
10 8	23 10.99	− 5 47.8	1.845	2.765	9.9	20.5
10 18	23 6.25	− 6 3.8	1.929	2.771	13.2	20.7

28434 1999 XL_{176} 9 14.2 122°.91 6°.5/ 8.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 57.81	−18 17.3	1.802	2.670	13.7	18.5
8 19	23 52.10	−19 36.2	1.756	2.685	10.6	18.3
8 29	23 44.22	−20 53.1	1.734	2.701	7.8	18.2
9 8	23 34.92	−21 59.2	1.738	2.715	6.5	18.2
9 18	23 25.20	−22 47.1	1.768	2.729	7.7	18.3
9 28	23 16.15	−23 12.1	1.825	2.742	10.3	18.5
10 8	23 8.72	−23 13.0	1.906	2.755	13.2	18.7
10 18	23 3.52	−22 51.5	2.007	2.767	15.7	18.9

154249 2002 KQ_{11} 9 14.2 33°.39 1°.4/12.8 18

8 9	23 49.99	− 4 50.4	1.954	2.813	13.2	19.6
8 19	23 46.08	− 5 26.5	1.890	2.821	9.9	19.4
8 29	23 40.37	− 6 11.6	1.850	2.829	6.2	19.2
9 8	23 33.45	− 7 0.8	1.834	2.837	2.4	18.9
9 18	23 26.08	− 7 48.6	1.846	2.846	2.5	19.0
9 28	23 19.13	− 8 29.4	1.886	2.855	6.3	19.2
10 8	23 13.41	− 8 58.8	1.951	2.864	9.8	19.5
10 18	23 9.46	− 9 14.3	2.040	2.874	12.9	19.7

212714 2007 RY_{57} 9 14.2 292°.32 5°.0/10.3 18

8 9	23 58.79	−15 53.1	1.788	2.653	13.9	20.1
8 19	23 53.25	−16 19.4	1.703	2.633	10.8	19.8
8 29	23 45.25	−16 45.6	1.640	2.614	7.5	19.6
9 8	23 35.45	−17 5.3	1.603	2.594	5.2	19.4
9 18	23 24.80	−17 12.2	1.593	2.574	6.2	19.4
9 28	23 14.52	−17 1.6	1.609	2.554	9.4	19.6
10 8	23 5.75	−16 31.5	1.650	2.534	13.1	19.8
10 18	22 59.31	−15 42.9	1.713	2.514	16.4	20.0

221741 2007 EW_{133} 9 14.2 34°.82 0°.7/13.5 18

8 9	23 50.41	− 3 9.1	1.954	2.807	13.4	20.2
8 19	23 46.40	− 3 36.2	1.889	2.816	10.1	20.0
8 29	23 40.58	− 4 13.4	1.847	2.824	6.4	19.8
9 8	23 33.53	− 4 56.4	1.830	2.833	2.4	19.5
9 18	23 26.04	− 5 39.9	1.841	2.843	2.0	19.5
9 28	23 18.97	− 6 18.7	1.879	2.852	5.9	19.8
10 8	23 13.12	− 6 48.0	1.943	2.862	9.5	20.1
10 18	23 9.07	− 7 5.0	2.031	2.873	12.7	20.3

343450 2010 EY_{33} 9 14.2 229°.08 1°.3/15.6 18

8 9	23 49.67	+ 4 40.5	1.844	2.675	15.0	21.1
8 19	23 46.08	+ 3 51.8	1.763	2.673	11.7	20.9
8 29	23 40.53	+ 2 43.6	1.704	2.670	7.9	20.6
9 8	23 33.57	+ 1 19.9	1.670	2.668	3.7	20.4
9 18	23 25.99	− 0 13.0	1.663	2.666	1.7	20.2
9 28	23 18.76	− 1 46.8	1.684	2.663	5.7	20.5
10 8	23 12.75	− 3 13.0	1.732	2.661	9.8	20.8
10 18	23 8.65	− 4 25.4	1.803	2.658	13.4	21.0

467752 2009 SP_{340} 9 14.2 306°.34 1°.5/17.3 16

8 9	23 42.99	+ 6 37.6	4.330	5.121	7.7	21.4
8 19	23 39.95	+ 6 18.8	4.236	5.118	6.1	21.3
8 29	23 36.12	+ 5 51.6	4.167	5.115	4.3	21.1
9 8	23 31.74	+ 5 17.5	4.125	5.113	2.5	21.0
9 18	23 27.14	+ 4 38.2	4.112	5.110	1.5	20.9
9 28	23 22.66	+ 3 56.0	4.129	5.107	2.7	21.0
10 8	23 18.65	+ 3 13.7	4.176	5.104	4.6	21.1
10 18	23 15.39	+ 2 33.7	4.250	5.102	6.4	21.3

395419 2011 SA_{183} 9 14.2 79°.38 2°.4/16.7 18

8 9	23 50.52	+ 6 10.6	1.973	2.792	14.6	21.0
8 19	23 46.58	+ 5 53.4	1.895	2.794	11.6	20.8
8 29	23 40.77	+ 5 18.9	1.838	2.796	8.1	20.6
9 8	23 33.64	+ 4 29.5	1.805	2.798	4.4	20.4
9 18	23 25.96	+ 3 29.3	1.800	2.801	2.4	20.3
9 28	23 18.64	+ 2 24.6	1.823	2.803	5.3	20.5
10 8	23 12.49	+ 1 22.0	1.872	2.805	9.0	20.7
10 18	23 8.16	+ 0 27.3	1.946	2.807	12.3	20.9

449066 2012 FD_{24} 9 14.2 237°.46 4°.5/ 8.6 17

8 9	23 54.30	−18 37.8	2.788	3.642	9.8	22.0
8 19	23 48.95	−19 19.3	2.707	3.629	7.6	21.8
8 29	23 42.06	−19 59.3	2.651	3.615	5.6	21.7
9 8	23 34.10	−20 33.2	2.623	3.601	4.5	21.6
9 18	23 25.69	−20 56.6	2.624	3.587	5.4	21.6
9 28	23 17.53	−21 6.1	2.653	3.572	7.4	21.7
10 8	23 10.32	−21 0.2	2.709	3.557	9.8	21.9
10 18	23 4.59	−20 38.9	2.787	3.541	11.9	22.0

390788 2003 YP_{48} 9 14.2 230°.18 6°.1/ 7.3 18

8 9	23 53.58	−18 58.0	2.112	2.980	12.0	21.1
8 19	23 48.88	−20 12.6	2.044	2.972	9.4	20.9
8 29	23 42.23	−21 26.5	2.000	2.965	7.0	20.8
9 8	23 34.22	−22 32.1	1.982	2.956	6.1	20.7
9 18	23 25.63	−23 22.7	1.991	2.948	7.3	20.8
9 28	23 17.41	−23 53.0	2.027	2.939	9.8	20.9
10 8	23 10.43	−24 1.0	2.087	2.930	12.5	21.1
10 18	23 5.33	−23 47.0	2.167	2.920	14.9	21.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
133121 2003 OC_{32}			9 14.2 320°39		5°0/ 8.3 18	
	h m	° ′			°	m
8 9	23 48.16	− 9 3.1	1.644	2.523	14.2	19.3
8 19	23 45.21	−11 19.4	1.577	2.520	10.6	19.1
8 29	23 40.10	−13 48.0	1.535	2.516	7.0	18.9
9 8	23 33.44	−16 17.5	1.519	2.513	5.0	18.7
9 18	23 26.10	−18 35.4	1.532	2.509	6.8	18.8
9 28	23 19.13	−20 30.6	1.571	2.506	10.4	19.0
10 8	23 13.52	−21 56.2	1.634	2.503	14.0	19.3
10 18	23 10.01	−22 50.3	1.717	2.501	17.1	19.5
432317 2009 TG_{43}			9 14.2 240°62		4°6/10.3 18	
8 9	23 55.80	−12 30.4	1.626	2.499	14.7	21.3
8 19	23 51.00	−13 23.5	1.558	2.494	11.2	21.0
8 29	23 43.79	−14 21.2	1.512	2.490	7.4	20.8
9 8	23 34.87	−15 15.7	1.491	2.485	4.8	20.7
9 18	23 25.24	−15 59.2	1.496	2.481	5.9	20.7
9 28	23 16.11	−16 25.2	1.527	2.476	9.5	20.9
10 8	23 8.57	−16 30.3	1.582	2.471	13.2	21.1
10 18	23 3.40	−16 14.3	1.658	2.466	16.6	21.3
261682 2005 YZ_{189}			9 14.2 213°15		1°9/11.8 18	
8 9	23 50.38	− 7 33.7	2.619	3.469	10.5	21.5
8 19	23 46.04	− 8 15.9	2.538	3.465	7.9	21.3
8 29	23 40.23	− 9 4.0	2.482	3.460	5.0	21.1
9 8	23 33.41	− 9 53.8	2.454	3.454	2.3	20.9
9 18	23 26.15	−10 40.7	2.454	3.449	2.8	20.9
9 28	23 19.15	−11 20.4	2.484	3.443	5.7	21.1
10 8	23 13.04	−11 49.6	2.541	3.437	8.6	21.3
10 18	23 8.33	−12 6.1	2.622	3.430	11.1	21.5
110141 2001 SP_{151}			9 14.2 86°38		0°7/14.9 18	
8 9	23 51.75	+ 0 53.4	1.996	2.833	13.8	19.5
8 19	23 47.43	+ 0 32.2	1.924	2.839	10.6	19.3
8 29	23 41.26	− 0 2.0	1.875	2.845	6.9	19.1
9 8	23 33.83	− 0 45.7	1.850	2.851	3.0	18.8
9 18	23 25.90	− 1 34.5	1.854	2.857	1.5	18.7
9 28	23 18.37	− 2 22.5	1.885	2.863	5.4	19.0
10 8	23 12.03	− 3 4.3	1.943	2.868	9.2	19.2
10 18	23 7.51	− 3 36.1	2.025	2.874	12.4	19.5
247996 2004 DV_{12}			9 14.2 269°05		1°4/12.9 18	
8 9	23 54.84	− 6 6.8	2.035	2.886	13.1	20.2
8 19	23 49.92	− 6 24.6	1.945	2.871	9.9	20.0
8 29	23 42.97	− 6 49.9	1.878	2.855	6.3	19.7
9 8	23 34.55	− 7 18.8	1.837	2.840	2.5	19.5
9 18	23 25.43	− 7 46.5	1.824	2.824	2.6	19.4
9 28	23 16.57	− 8 8.1	1.840	2.808	6.5	19.7
10 8	23 8.89	− 8 19.6	1.882	2.792	10.3	19.9
10 18	23 3.12	− 8 18.7	1.947	2.776	13.7	20.0
315100 2007 EA_{4}			9 14.2 19°50		0°5/13.8 18	
8 9	23 52.97	− 3 51.7	1.927	2.779	13.7	19.6
8 19	23 48.40	− 3 57.3	1.858	2.782	10.4	19.4
8 29	23 41.90	− 4 11.5	1.810	2.787	6.6	19.2
9 8	23 34.09	− 4 30.9	1.788	2.791	2.5	19.0
9 18	23 25.76	− 4 51.3	1.794	2.796	1.8	18.9
9 28	23 17.86	− 5 8.3	1.827	2.801	5.9	19.2
10 8	23 11.25	− 5 17.8	1.886	2.807	9.7	19.5
10 18	23 6.54	− 5 17.5	1.969	2.813	12.9	19.7
447260 2005 UU_{323}			9 14.2 310°17		9°6/ 2.2 17	
8 9	23 51.44	−28 21.4	1.934	2.804	12.8	20.6
8 19	23 47.66	−30 2.5	1.871	2.785	10.9	20.5
8 29	23 41.66	−31 36.1	1.832	2.766	9.8	20.4
9 8	23 34.06	−32 52.8	1.817	2.748	9.9	20.3
9 18	23 25.75	−33 44.3	1.826	2.730	11.3	20.4
9 28	23 17.80	−34 5.5	1.858	2.712	13.4	20.5
10 8	23 11.26	−33 55.6	1.910	2.695	15.7	20.6
10 18	23 6.85	−33 17.1	1.979	2.678	17.8	20.7
376124 2011 AK_{33}			9 14.2 161°75		0°6/13.6 17	
8 9	23 55.97	− 2 37.7	1.895	2.738	14.2	21.6
8 19	23 50.72	− 3 9.5	1.823	2.744	10.8	21.4
8 29	23 43.42	− 3 52.7	1.774	2.749	6.8	21.2
9 8	23 34.69	− 4 42.6	1.750	2.753	2.6	20.9
9 18	23 25.40	− 5 33.7	1.755	2.757	2.1	20.9
9 28	23 16.55	− 6 19.7	1.788	2.760	6.3	21.2
10 8	23 9.06	− 6 55.6	1.848	2.762	10.2	21.4
10 18	23 3.60	− 7 18.1	1.931	2.764	13.6	21.6
284780 2008 XO_{52}			9 14.2 238°36		4°3/18.3 18	
8 9	23 53.51	+10 1.8	1.970	2.765	15.5	20.6
8 19	23 49.00	+10 17.5	1.882	2.760	12.7	20.4
8 29	23 42.43	+10 14.9	1.813	2.754	9.4	20.2
9 8	23 34.36	+ 9 54.1	1.769	2.748	6.2	20.0
9 18	23 25.57	+ 9 17.1	1.750	2.741	4.4	19.9
9 28	23 17.06	+ 8 28.7	1.760	2.735	6.0	20.0
10 8	23 9.75	+ 7 35.2	1.796	2.728	9.3	20.2
10 18	23 4.38	+ 6 43.2	1.856	2.722	12.6	20.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
195084 2002 CL_{109}			9 14.2 284°40		0°1/14.4 18	
	h m	° ′			°	m
8 9	23 44.51	− 1 27.6	4.240	5.066	7.3	20.2
8 19	23 41.12	− 1 44.0	4.147	5.057	5.5	20.1
8 29	23 36.89	− 2 5.8	4.079	5.049	3.5	19.9
9 8	23 32.08	− 2 31.1	4.039	5.041	1.4	19.7
9 18	23 27.03	− 2 58.1	4.029	5.032	0.8	19.7
9 28	23 22.10	− 3 24.5	4.050	5.024	3.0	19.8
10 8	23 17.65	− 3 48.1	4.099	5.015	5.0	20.0
10 18	23 13.99	− 4 7.0	4.175	5.007	6.9	20.1
148298 2000 HX_{74}			9 14.2 198°20		1°5/12.7 18	
8 9	23 53.89	− 4 1.5	1.873	2.725	14.0	20.5
8 19	23 49.26	− 4 51.8	1.796	2.723	10.6	20.3
8 29	23 42.57	− 5 53.6	1.742	2.720	6.7	20.1
9 8	23 34.40	− 7 1.6	1.714	2.717	2.6	19.8
9 18	23 25.60	− 8 9.0	1.714	2.713	2.8	19.8
9 28	23 17.18	− 9 8.7	1.741	2.709	6.9	20.1
10 8	23 10.05	− 9 54.9	1.795	2.704	10.8	20.3
10 18	23 4.93	−10 24.5	1.872	2.699	14.2	20.5
289603 2005 GA_{12}			9 14.2 157°02		2°6/11.8 17	
8 9	23 54.87	− 6 7.7	1.667	2.529	15.0	21.0
8 19	23 50.16	− 7 11.3	1.602	2.534	11.2	20.7
8 29	23 43.18	− 8 25.9	1.559	2.539	7.1	20.5
9 8	23 34.64	− 9 44.1	1.541	2.543	3.2	20.3
9 18	23 25.48	−10 57.8	1.551	2.547	3.9	20.3
9 28	23 16.83	−11 58.9	1.588	2.550	8.0	20.6
10 8	23 9.70	−12 42.1	1.650	2.553	12.0	20.8
10 18	23 4.80	−13 4.9	1.734	2.555	15.4	21.1
25766 Nosarzewski			9 14.2 334°63		0°1/14.2 18	
8 9	23 50.26	− 0 29.0	1.636	2.492	15.5	19.2
8 19	23 46.79	− 0 59.0	1.560	2.486	11.9	19.0
8 29	23 41.13	− 1 44.2	1.504	2.480	7.7	18.7
9 8	23 33.88	− 2 40.5	1.473	2.475	3.0	18.4
9 18	23 25.92	− 3 41.3	1.468	2.471	1.8	18.3
9 28	23 18.35	− 4 39.3	1.489	2.466	6.6	18.6
10 8	23 12.16	− 5 27.5	1.535	2.462	11.0	18.9
10 18	23 8.10	− 6 1.1	1.604	2.459	14.8	19.1
212807 2007 TR_{366}			9 14.2 257°65		1°7/15.8 18	
8 9	23 52.62	+ 3 5.8	1.933	2.761	14.5	21.0
8 19	23 48.27	+ 2 58.6	1.850	2.758	11.4	20.7
8 29	23 41.92	+ 2 36.7	1.789	2.754	7.7	20.5
9 8	23 34.16	+ 2 2.5	1.753	2.750	3.8	20.3
9 18	23 25.75	+ 1 19.8	1.744	2.746	1.9	20.1
9 28	23 17.67	+ 0 34.2	1.763	2.743	5.5	20.4
10 8	23 10.82	− 0 8.3	1.809	2.739	9.4	20.6
10 18	23 5.87	− 0 43.0	1.878	2.735	12.9	20.8
409622 2005 WV_{9}			9 14.2 238°21		5°4/21.2 18	
8 9	23 50.39	+17 25.2	2.659	3.395	13.3	21.1
8 19	23 46.20	+17 36.4	2.556	3.385	11.3	20.9
8 29	23 40.45	+17 29.5	2.474	3.373	9.1	20.7
9 8	23 33.56	+17 3.9	2.415	3.362	6.9	20.6
9 18	23 26.11	+16 20.7	2.383	3.350	5.5	20.5
9 28	23 18.82	+15 22.9	2.378	3.338	5.9	20.5
10 8	23 12.38	+14 15.8	2.402	3.326	7.7	20.6
10 18	23 7.38	+13 5.2	2.451	3.313	10.1	20.7
62363 2000 SG_{149}			9 14.2 51°53		0°7/13.5 18	
8 9	23 51.50	− 3 12.4	1.924	2.777	13.6	19.2
8 19	23 47.28	− 3 41.5	1.859	2.785	10.3	19.0
8 29	23 41.18	− 4 20.9	1.816	2.793	6.5	18.8
9 8	23 33.82	− 5 6.2	1.798	2.801	2.4	18.6
9 18	23 25.99	− 5 51.9	1.808	2.810	2.1	18.6
9 28	23 18.59	− 6 32.5	1.846	2.818	6.0	18.9
10 8	23 12.46	− 7 3.2	1.909	2.827	9.7	19.1
10 18	23 8.17	− 7 21.2	1.996	2.836	12.9	19.3
495997 2007 VH_{96}			9 14.2 316°57		11°0/ 4.3 17	
8 9	23 58.56	−26 13.0	1.512	2.386	15.5	20.5
8 19	23 54.20	−27 37.8	1.414	2.336	13.2	20.3
8 29	23 46.60	−28 59.3	1.337	2.286	11.4	20.0
9 8	23 36.28	−30 4.7	1.283	2.236	11.1	19.9
9 18	23 24.32	−30 41.4	1.252	2.185	12.9	19.8
9 28	23 12.36	−30 40.0	1.243	2.134	16.1	19.9
10 8	23 2.10	−29 57.5	1.253	2.084	19.8	20.0
10 18	22 54.84	−28 37.0	1.280	2.034	23.3	20.1
281948 2011 GH_{32}			9 14.2 31°52		1°5/15.6 16	
8 9	23 47.86	+ 5 17.7	1.373	2.224	18.1	20.9
8 19	23 45.18	+ 4 23.7	1.313	2.233	14.1	20.6
8 29	23 40.15	+ 3 4.9	1.272	2.243	9.4	20.4
9 8	23 33.49	+ 1 27.1	1.254	2.254	4.4	20.1
9 18	23 26.21	− 0 20.7	1.261	2.265	1.9	20.0
9 28	23 19.49	− 2 7.0	1.295	2.276	6.7	20.4
10 8	23 14.39	− 3 41.2	1.352	2.289	11.4	20.7
10 18	23 11.59	− 4 55.9	1.432	2.301	15.4	20.9

58478 1996 RC_{29} 9 14.2 330°.35 0°.4/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 43.68	+ 0 16.2	4.140	4.962	7.5	19.6
8 19	23 40.52	− 0 4.4	4.052	4.959	5.7	19.5
8 29	23 36.51	− 0 31.2	3.988	4.956	3.7	19.3
9 8	23 31.95	− 1 2.5	3.953	4.953	1.6	19.2
9 18	23 27.14	− 1 36.2	3.947	4.950	0.8	19.1
9 28	23 22.48	− 2 9.8	3.971	4.947	2.9	19.3
10 8	23 18.30	− 2 40.9	4.024	4.944	5.0	19.4
10 18	23 14.92	− 3 7.4	4.104	4.942	6.9	19.5

96530 1998 RE_{54} 9 14.2 82°.66 1°.1/15.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 57.60	+ 0 12.8	1.823	2.656	15.1	19.0
8 19	23 51.90	+ 0 18.8	1.761	2.673	11.6	18.8
8 29	23 44.12	+ 0 12.8	1.722	2.691	7.6	18.6
9 8	23 34.96	− 0 2.5	1.708	2.708	3.4	18.4
9 18	23 25.34	− 0 23.3	1.722	2.724	1.7	18.3
9 28	23 16.29	− 0 44.8	1.763	2.741	5.7	18.6
10 8	23 8.74	− 1 2.4	1.832	2.758	9.6	18.8
10 18	23 3.29	− 1 12.6	1.924	2.774	12.9	19.1

283204 2010 FE_{20} 9 14.2 44°.75 1°.7/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 47.79	− 6 56.4	2.545	3.400	10.6	20.4
8 19	23 44.01	− 7 39.3	2.488	3.417	7.9	20.2
8 29	23 38.89	− 8 27.8	2.455	3.434	4.9	20.0
9 8	23 32.89	− 9 17.6	2.450	3.452	2.2	19.9
9 18	23 26.60	−10 4.2	2.473	3.469	2.6	19.9
9 28	23 20.66	−10 43.5	2.525	3.487	5.4	20.2
10 8	23 15.64	−11 12.4	2.604	3.505	8.2	20.4
10 18	23 11.98	−11 29.0	2.707	3.523	10.6	20.6

387968 2005 JL_{21} 9 14.2 106°.29 1°.6/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 52.43	+ 3 59.5	2.081	2.902	13.9	21.1
8 19	23 47.84	+ 3 37.9	2.013	2.916	10.8	20.9
8 29	23 41.48	+ 3 1.7	1.966	2.929	7.3	20.7
9 8	23 33.94	+ 2 13.7	1.946	2.942	3.6	20.5
9 18	23 25.96	+ 1 18.4	1.953	2.955	1.8	20.4
9 28	23 18.39	+ 0 21.5	1.989	2.968	5.1	20.7
10 8	23 12.02	− 0 31.3	2.052	2.980	8.6	20.9
10 18	23 7.40	− 1 15.3	2.140	2.992	11.7	21.1

103925 2000 DJ_{63} 9 14.2 39°.05 1°.6/15.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 52.95	+ 2 33.5	1.821	2.655	15.1	19.3
8 19	23 48.57	+ 2 29.6	1.746	2.657	11.8	19.0
8 29	23 42.13	+ 2 11.0	1.693	2.660	7.9	18.8
9 8	23 34.24	+ 1 40.2	1.665	2.663	3.8	18.6
9 18	23 25.75	+ 1 1.5	1.663	2.666	1.9	18.5
9 28	23 17.67	+ 0 20.3	1.689	2.669	5.7	18.7
10 8	23 10.92	− 0 17.4	1.741	2.672	9.7	19.0
10 18	23 6.17	− 0 46.8	1.816	2.675	13.2	19.2

382523 2001 SZ_{227} 9 14.2 325°.80 1°.1/13.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 51.67	− 3 48.2	1.306	2.182	17.4	20.9
8 19	23 48.50	− 4 6.6	1.228	2.167	13.4	20.6
8 29	23 42.57	− 4 39.2	1.170	2.152	8.6	20.3
9 8	23 34.55	− 5 20.8	1.135	2.138	3.3	19.9
9 18	23 25.52	− 6 4.4	1.123	2.125	2.8	19.9
9 28	23 16.88	− 6 41.7	1.136	2.113	8.3	20.2
10 8	23 9.96	− 7 5.5	1.172	2.101	13.4	20.4
10 18	23 5.72	− 7 11.8	1.228	2.091	17.9	20.7

30156 2000 GH_{55} 9 14.2 9°.82 2°.8/16.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 46.98	+ 5 58.3	0.984	1.858	22.0	18.0
8 19	23 45.36	+ 5 36.4	0.928	1.859	17.4	17.7
8 29	23 40.70	+ 4 43.3	0.887	1.861	12.0	17.4
9 8	23 33.82	+ 3 23.3	0.866	1.864	6.1	17.1
9 18	23 26.01	+ 1 45.8	0.866	1.869	3.0	16.9
9 28	23 18.89	+ 0 4.6	0.889	1.875	8.0	17.3
10 8	23 13.87	− 1 26.2	0.933	1.881	13.6	17.6
10 18	23 11.82	− 2 36.5	0.996	1.889	18.5	17.9

403469 2009 TV_{9} 9 14.2 305°.24 2°.2/16.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 54.60	+ 2 39.0	2.122	2.943	13.7	20.7
8 19	23 49.78	+ 3 3.9	2.019	2.922	10.8	20.4
8 29	23 42.96	+ 3 17.9	1.940	2.901	7.5	20.2
9 8	23 34.62	+ 3 21.8	1.885	2.880	4.0	19.9
9 18	23 25.49	+ 3 17.5	1.859	2.859	2.4	19.8
9 28	23 16.50	+ 3 8.1	1.860	2.838	5.4	20.0
10 8	23 8.58	+ 2 57.8	1.889	2.818	9.1	20.1
10 18	23 2.47	+ 2 50.5	1.943	2.798	12.6	20.3

486611 2013 KE_{14} 9 14.2 16°.61 8°.0/ 4.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 52.12	−26 19.1	2.140	3.007	11.9	20.8
8 19	23 47.74	−27 36.7	2.092	3.008	9.8	20.6
8 29	23 41.47	−28 47.0	2.067	3.010	8.3	20.5
9 8	23 33.94	−29 42.4	2.068	3.012	8.1	20.5
9 18	23 25.97	−30 16.9	2.094	3.015	9.2	20.6
9 28	23 18.49	−30 27.1	2.145	3.017	11.1	20.7
10 8	23 12.31	−30 12.6	2.217	3.020	13.2	20.9
10 18	23 8.00	−29 35.5	2.309	3.023	15.1	21.1

330612 2008 DJ_{79} 9 14.2 199°.44 3°.2/11.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 55.33	− 8 20.0	1.665	2.531	14.8	21.1
8 19	23 50.60	− 9 16.8	1.595	2.529	11.1	20.9
8 29	23 43.54	−10 22.6	1.547	2.527	7.1	20.7
9 8	23 34.83	−11 30.0	1.524	2.524	3.6	20.5
9 18	23 25.42	−12 31.2	1.528	2.521	4.5	20.5
9 28	23 16.47	−13 18.7	1.559	2.517	8.5	20.8
10 8	23 9.05	−13 47.7	1.615	2.514	12.4	21.0
10 18	23 3.89	−13 56.3	1.692	2.509	15.9	21.2

12011 1996 VT_{5} 9 14.2 300°.93 6°.1/ 9.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 53.38	−13 26.8	1.348	2.235	16.2	17.5
8 19	23 49.73	−14 43.7	1.280	2.224	12.4	17.2
8 29	23 43.30	−16 6.9	1.234	2.213	8.5	17.0
9 8	23 34.82	−17 26.2	1.211	2.203	6.2	16.8
9 18	23 25.42	−18 30.4	1.212	2.192	7.8	16.9
9 28	23 16.52	−19 10.7	1.237	2.182	11.7	17.1
10 8	23 9.43	−19 22.5	1.284	2.172	15.8	17.3
10 18	23 5.03	−19 6.2	1.350	2.162	19.4	17.5

516954 2012 CV_{30} 9 14.2 227°.56 1°.9/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 50.28	− 6 47.9	2.395	3.248	11.3	22.1
8 19	23 46.13	− 7 34.7	2.315	3.243	8.5	21.9
8 29	23 40.38	− 8 28.6	2.259	3.238	5.3	21.7
9 8	23 33.54	− 9 25.1	2.231	3.232	2.4	21.5
9 18	23 26.22	−10 19.0	2.231	3.226	2.9	21.5
9 28	23 19.17	−11 5.4	2.259	3.220	6.0	21.7
10 8	23 13.08	−11 40.2	2.315	3.214	9.2	21.9
10 18	23 8.51	−12 1.1	2.394	3.208	11.9	22.0

172486 2003 SO_{120} 9 14.2 214°.20 1°.5/12.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 57.09	− 4 52.2	1.666	2.521	15.3	20.8
8 19	23 51.99	− 5 24.7	1.588	2.516	11.6	20.5
8 29	23 44.48	− 6 8.3	1.532	2.510	7.4	20.3
9 8	23 35.22	− 6 57.6	1.501	2.504	2.9	20.0
9 18	23 25.18	− 7 46.2	1.497	2.497	2.9	20.0
9 28	23 15.56	− 8 26.9	1.521	2.490	7.5	20.2
10 8	23 7.46	− 8 54.4	1.570	2.482	11.8	20.5
10 18	23 1.68	− 9 5.7	1.641	2.474	15.6	20.7

228140 2009 RT_{33} 9 14.2 332°.99 3°.0/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 43.08	+13 51.5	3.857	4.610	9.2	19.8
8 19	23 40.19	+13 33.1	3.757	4.603	7.7	19.6
8 29	23 36.38	+13 2.4	3.679	4.597	5.9	19.5
9 8	23 31.93	+12 20.4	3.627	4.591	4.1	19.4
9 18	23 27.21	+11 28.6	3.604	4.586	3.0	19.3
9 28	23 22.62	+10 30.0	3.609	4.580	3.5	19.3
10 8	23 18.56	+ 9 28.0	3.644	4.574	5.1	19.4
10 18	23 15.37	+ 8 26.0	3.707	4.569	6.9	19.6

401427 2013 CW_{98} 9 14.2 98°.77 2°.2/16.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 53.04	+ 4 22.2	2.083	2.901	14.0	21.2
8 19	23 48.40	+ 4 23.9	2.006	2.906	11.0	21.0
8 29	23 41.91	+ 4 11.5	1.951	2.910	7.6	20.8
9 8	23 34.15	+ 3 47.0	1.921	2.915	4.0	20.6
9 18	23 25.86	+ 3 13.6	1.919	2.919	2.3	20.5
9 28	23 17.93	+ 2 35.9	1.945	2.924	5.1	20.7
10 8	23 11.18	+ 1 59.2	1.998	2.928	8.6	20.9
10 18	23 6.20	+ 1 28.0	2.076	2.933	11.8	21.1

51246 2000 JH_{42} 9 14.2 305°.36 4°.5/10.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 54.57	−13 26.4	1.751	2.623	13.9	19.0
8 19	23 50.05	−14 4.0	1.671	2.607	10.6	18.8
8 29	23 43.23	−14 44.6	1.615	2.592	7.1	18.5
9 8	23 34.74	−15 21.7	1.583	2.577	4.6	18.4
9 18	23 25.49	−15 48.6	1.577	2.562	5.7	18.4
9 28	23 16.61	−15 59.5	1.598	2.548	9.1	18.6
10 8	23 9.16	−15 51.6	1.643	2.533	12.7	18.7
10 18	23 3.91	−15 24.5	1.709	2.519	16.1	18.9

416035 2002 EK_{64} 9 14.2 59°.68 1°.8/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	0 0.01	+ 0 35.7	1.556	2.394	17.0	19.8
8 19	23 54.04	+ 1 3.2	1.498	2.412	13.2	19.6
8 29	23 45.63	+ 1 17.4	1.462	2.429	8.8	19.3
9 8	23 35.60	+ 1 20.4	1.449	2.448	4.1	19.1
9 18	23 25.04	+ 1 15.3	1.464	2.466	2.2	19.0
9 28	23 15.20	+ 1 6.9	1.505	2.484	6.3	19.4
10 8	23 7.14	+ 1 0.1	1.573	2.503	10.5	19.6
10 18	23 1.56	+ 0 58.7	1.663	2.521	14.2	19.9

293294 2007 DT_{15} 9 14.2 100°.80 1°.1/13.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 53.59	− 5 28.3	2.240	3.086	12.2	20.9
8 19	23 48.64	− 5 44.3	2.168	3.091	9.2	20.7
8 29	23 41.97	− 6 7.0	2.120	3.096	5.8	20.5
9 8	23 34.15	− 6 32.9	2.099	3.101	2.2	20.3
9 18	23 25.90	− 6 58.0	2.106	3.106	2.1	20.3
9 28	23 18.02	− 7 17.9	2.141	3.111	5.6	20.6
10 8	23 11.26	− 7 29.6	2.204	3.116	9.0	20.8
10 18	23 6.19	− 7 30.9	2.292	3.120	11.9	21.0

356224 2009 SW_{199} 9 14.2 288°.86 1°.1/16.3 14 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 43.96	+ 3 51.1	4.263	5.067	7.6	21.5
8 19	23 40.74	+ 3 37.4	4.165	5.058	6.0	21.4
8 29	23 36.68	+ 3 16.3	4.092	5.049	4.1	21.2
9 8	23 32.05	+ 2 49.4	4.047	5.040	2.1	21.1
9 18	23 27.17	+ 2 18.2	4.030	5.031	1.1	21.0
9 28	23 22.41	+ 1 45.2	4.044	5.022	2.8	21.1
10 8	23 18.11	+ 1 12.8	4.087	5.013	4.8	21.3
10 18	23 14.58	+ 0 43.2	4.158	5.004	6.6	21.4

252692 2002 BK_{32} 9 14.2 205°.65 1°.3/12.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 51.94	− 5 30.1	2.449	3.295	11.3	21.4
8 19	23 47.34	− 6 2.5	2.368	3.291	8.5	21.2
8 29	23 41.14	− 6 42.2	2.311	3.288	5.4	21.0
9 8	23 33.85	− 7 25.1	2.281	3.284	2.1	20.8
9 18	23 26.09	− 8 7.0	2.280	3.279	2.3	20.8
9 28	23 18.61	− 8 43.2	2.309	3.275	5.5	21.0
10 8	23 12.10	− 9 10.1	2.364	3.270	8.7	21.2
10 18	23 7.11	− 9 25.4	2.444	3.265	11.5	21.4

155856 2001 BD_{48} 9 14.2 238°.02 6°.3/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 51.34	+20 9.2	2.687	3.401	13.7	20.4
8 19	23 46.98	+20 34.3	2.584	3.391	11.8	20.2
8 29	23 41.00	+20 40.9	2.500	3.380	9.8	20.1
9 8	23 33.83	+20 27.8	2.440	3.369	7.8	19.9
9 18	23 26.08	+19 55.2	2.405	3.357	6.5	19.8
9 28	23 18.46	+19 5.6	2.398	3.345	6.6	19.8
10 8	23 11.72	+18 3.8	2.417	3.333	8.1	19.9
10 18	23 6.43	+16 55.7	2.463	3.321	10.2	20.0

479606 2014 DM_{16} 9 14.2 88°.01 5°.6/19.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 55.56	+13 20.6	1.931	2.706	16.4	21.5
8 19	23 50.44	+13 51.2	1.862	2.722	13.6	21.3
8 29	23 43.28	+14 1.5	1.813	2.737	10.5	21.1
9 8	23 34.71	+13 51.0	1.787	2.752	7.5	21.0
9 18	23 25.59	+13 21.3	1.787	2.767	5.7	20.9
9 28	23 16.92	+12 37.1	1.814	2.782	6.6	21.0
10 8	23 9.61	+11 44.9	1.868	2.797	9.2	21.2
10 18	23 4.33	+10 51.6	1.946	2.811	12.1	21.4

117984 2283 $T\text{-}_{1}$ 9 14.2 122°.37 0°.2/14.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 55.12	+ 1 10.6	1.886	2.719	14.7	21.2
8 19	23 50.00	+ 0 21.1	1.824	2.737	11.2	21.0
8 29	23 42.91	− 0 43.1	1.784	2.755	7.2	20.8
9 8	23 34.54	− 1 57.2	1.771	2.772	2.9	20.6
9 18	23 25.71	− 3 14.6	1.786	2.789	1.6	20.5
9 28	23 17.42	− 4 28.1	1.830	2.805	5.9	20.8
10 8	23 10.49	− 5 31.2	1.901	2.820	9.7	21.1
10 18	23 5.55	− 6 19.7	1.996	2.834	13.0	21.3

309075 2006 VC_{24} 9 14.2 94°.17 1°.7/12.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 51.70	− 5 45.8	2.034	2.890	12.9	21.2
8 19	23 47.40	− 6 25.4	1.964	2.893	9.7	21.0
8 29	23 41.28	− 7 13.5	1.917	2.896	6.1	20.8
9 8	23 33.92	− 8 5.0	1.897	2.899	2.5	20.6
9 18	23 26.07	− 8 54.3	1.904	2.902	2.8	20.6
9 28	23 18.60	− 9 35.9	1.939	2.905	6.4	20.8
10 8	23 12.32	−10 5.5	2.000	2.908	9.9	21.1
10 18	23 7.81	−10 20.7	2.085	2.911	13.0	21.3

315170 2007 GW_{37} 9 14.2 111°.64 0°.1/14.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 49.63	− 0 35.7	2.564	3.396	11.2	21.6
8 19	23 45.43	− 1 14.0	2.494	3.408	8.5	21.4
8 29	23 39.84	− 2 2.2	2.449	3.421	5.4	21.3
9 8	23 33.32	− 2 56.5	2.430	3.432	2.1	21.1
9 18	23 26.45	− 3 52.9	2.441	3.444	1.3	21.0
9 28	23 19.89	− 4 46.6	2.481	3.455	4.6	21.3
10 8	23 14.26	− 5 33.2	2.550	3.466	7.7	21.5
10 18	23 10.02	− 6 9.9	2.643	3.477	10.3	21.7

501738 2014 UF_{96} 9 14.2 42°.00 4°.6/11.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 55.90	− 9 28.4	0.983	1.880	20.0	20.7
8 19	23 51.93	−10 19.2	0.944	1.894	15.0	20.5
8 29	23 44.70	−11 19.0	0.923	1.908	9.6	20.3
9 8	23 35.31	−12 16.9	0.923	1.923	5.0	20.1
9 18	23 25.30	−13 2.1	0.945	1.939	6.2	20.2
9 28	23 16.38	−13 26.1	0.990	1.956	11.0	20.5
10 8	23 9.91	−13 25.3	1.055	1.973	15.7	20.9
10 18	23 6.62	−13 0.5	1.139	1.991	19.8	21.2

386865 2011 DE_{20} 9 14.2 194°.70 6°.1/ 8.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 58.74	−18 47.2	1.967	2.830	13.0	21.0
8 19	23 52.89	−19 47.8	1.902	2.828	10.1	20.8
8 29	23 44.86	−20 46.8	1.860	2.825	7.4	20.6
9 8	23 35.34	−21 36.7	1.844	2.822	6.1	20.6
9 18	23 25.23	−22 10.6	1.856	2.818	7.2	20.6
9 28	23 15.62	−22 23.9	1.894	2.814	9.9	20.8
10 8	23 7.46	−22 15.1	1.957	2.809	12.8	21.0
10 18	23 1.45	−21 45.3	2.041	2.803	15.4	21.1

193543 2000 YT_{115} 9 14.2 293°.71 4°.2/10.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 52.58	−10 25.8	1.683	2.556	14.3	19.9
8 19	23 48.82	−11 29.3	1.589	2.527	10.9	19.6
8 29	23 42.65	−12 42.2	1.518	2.498	7.2	19.3
9 8	23 34.62	−13 57.1	1.472	2.469	4.4	19.1
9 18	23 25.59	−15 5.2	1.452	2.440	5.7	19.1
9 28	23 16.72	−15 58.0	1.459	2.411	9.6	19.3
10 8	23 9.19	−16 29.5	1.489	2.381	13.7	19.4
10 18	23 3.89	−16 37.3	1.539	2.352	17.4	19.6

277224 2005 QN_{164} 9 14.2 295°.82 1°.8/12.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 52.30	− 4 26.4	1.492	2.360	16.0	20.8
8 19	23 48.77	− 5 7.1	1.405	2.340	12.3	20.5
8 29	23 42.68	− 6 2.1	1.340	2.321	7.8	20.2
9 8	23 34.64	− 7 5.6	1.298	2.301	3.1	19.9
9 18	23 25.59	− 8 9.9	1.281	2.281	3.3	19.9
9 28	23 16.81	− 9 6.0	1.291	2.262	8.3	20.1
10 8	23 9.54	− 9 46.6	1.324	2.242	13.1	20.3
10 18	23 4.70	−10 7.3	1.377	2.223	17.3	20.5

258813 2002 NO_{21} 9 14.2 48°.10 4°.7/17.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 53.94	+ 8 46.8	1.253	2.088	20.5	19.8
8 19	23 50.03	+ 9 0.2	1.198	2.101	16.5	19.6
8 29	23 43.38	+ 8 47.6	1.160	2.116	11.9	19.4
9 8	23 34.82	+ 8 10.3	1.143	2.130	7.3	19.2
9 18	23 25.57	+ 7 13.3	1.149	2.146	4.7	19.1
9 28	23 17.03	+ 6 5.3	1.180	2.161	7.3	19.3
10 8	23 10.44	+ 4 56.9	1.235	2.177	11.6	19.6
10 18	23 6.56	+ 3 56.7	1.311	2.193	15.7	19.8

423461 2005 SZ_{137} 9 14.2 78°.72 0°.2/14.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 58.12	− 0 57.0	1.487	2.336	17.1	21.2
8 19	23 52.64	− 1 13.2	1.436	2.358	13.0	21.0
8 29	23 44.74	− 1 43.5	1.406	2.380	8.3	20.8
9 8	23 35.27	− 2 23.1	1.400	2.402	3.3	20.6
9 18	23 25.34	− 3 5.9	1.421	2.424	1.9	20.5
9 28	23 16.18	− 3 45.1	1.468	2.445	6.7	20.9
10 8	23 8.84	− 4 14.9	1.541	2.467	11.1	21.2
10 18	23 3.95	− 4 31.8	1.636	2.487	14.7	21.5

519219 2010 TN_{194} 9 14.2 88°.60 4°.0/11.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 55.76	− 9 22.2	1.401	2.277	16.4	20.6
8 19	23 51.17	−10 22.7	1.347	2.286	12.3	20.4
8 29	23 43.98	−11 31.4	1.314	2.295	7.9	20.2
9 8	23 35.04	−12 39.4	1.304	2.303	4.3	20.0
9 18	23 25.47	−13 37.6	1.321	2.312	5.4	20.1
9 28	23 16.59	−14 18.4	1.362	2.321	9.5	20.3
10 8	23 9.56	−14 37.4	1.428	2.329	13.6	20.6
10 18	23 5.08	−14 34.0	1.513	2.337	17.1	20.8

235112 2003 OJ_{29} 9 14.2 87°.46 3°.0/16.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 59.12	+ 4 12.9	1.767	2.586	16.1	20.1
8 19	23 53.28	+ 4 44.7	1.697	2.596	12.8	19.9
8 29	23 45.17	+ 5 2.0	1.648	2.606	8.9	19.7
9 8	23 35.48	+ 5 5.7	1.624	2.616	5.0	19.5
9 18	23 25.18	+ 4 57.9	1.627	2.626	3.1	19.4
9 28	23 15.38	+ 4 42.9	1.658	2.635	6.0	19.6
10 8	23 7.11	+ 4 25.9	1.715	2.645	9.8	19.8
10 18	23 1.09	+ 4 11.6	1.796	2.655	13.3	20.1

299159 2005 GF_{7} 9 14.2 72°.70 3°.1/11.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 53.21	− 9 24.8	1.825	2.692	13.6	20.9
8 19	23 48.69	−10 12.2	1.766	2.700	10.2	20.7
8 29	23 42.16	−11 5.6	1.728	2.708	6.5	20.5
9 8	23 34.28	−11 58.6	1.717	2.716	3.4	20.4
9 18	23 25.92	−12 44.8	1.733	2.724	4.3	20.5
9 28	23 18.05	−13 18.4	1.775	2.733	7.7	20.7
10 8	23 11.57	−13 35.8	1.843	2.741	11.2	20.9
10 18	23 7.09	−13 36.0	1.933	2.749	14.2	21.1

481990 2009 QU_{40} 9 14.2 43°.85 0°.2/14.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 54.74	− 2 34.4	2.213	3.050	12.6	20.5
8 19	23 49.57	− 2 31.0	2.136	3.052	9.7	20.3
8 29	23 42.62	− 2 35.7	2.082	3.054	6.2	20.1
9 8	23 34.46	− 2 45.9	2.055	3.057	2.5	19.9
9 18	23 25.80	− 2 58.5	2.056	3.059	1.4	19.8
9 28	23 17.50	− 3 9.8	2.086	3.061	5.2	20.1
10 8	23 10.33	− 3 16.4	2.143	3.063	8.7	20.3
10 18	23 4.90	− 3 15.7	2.225	3.066	11.7	20.5

233980 1995 NF_{1} 9 14.2 39°.93 0°.9/13.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 46.85	− 3 22.5	2.502	3.350	11.0	19.8
8 19	23 43.37	− 4 8.1	2.442	3.367	8.2	19.6
8 29	23 38.53	− 5 1.8	2.406	3.383	5.1	19.5
9 8	23 32.82	− 5 59.4	2.398	3.400	1.9	19.3
9 18	23 26.80	− 6 56.5	2.417	3.418	1.9	19.3
9 28	23 21.11	− 7 48.2	2.466	3.435	5.0	19.6
10 8	23 16.33	− 8 30.6	2.542	3.453	7.9	19.8
10 18	23 12.90	− 9 1.3	2.642	3.471	10.5	20.0

36090 1999 RN_{100} 9 14.2 48°.52 4°.9/19.7 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 50.41	+13 9.1	2.032	2.814	15.5	18.6
8 19	23 46.53	+13 17.4	1.955	2.820	12.8	18.5
8 29	23 40.79	+13 5.4	1.898	2.827	9.8	18.3
9 8	23 33.77	+12 33.2	1.864	2.834	6.8	18.1
9 18	23 26.21	+11 43.6	1.856	2.841	5.0	18.0
9 28	23 19.00	+10 41.4	1.875	2.848	6.0	18.1
10 8	23 12.95	+ 9 33.7	1.921	2.855	8.7	18.3
10 18	23 8.70	+ 8 27.1	1.991	2.863	11.6	18.5

140991 2001 WG_{20} 9 14.2 355°.97 0°.5/13.7 18

8 9	23 51.50	− 2 44.8	1.789	2.644	14.4	20.4
8 19	23 47.54	− 3 7.8	1.715	2.642	11.0	20.2
8 29	23 41.53	− 3 42.3	1.664	2.641	7.0	19.9
9 8	23 34.08	− 4 24.0	1.637	2.640	2.6	19.7
9 18	23 26.03	− 5 7.5	1.638	2.640	2.0	19.6
9 28	23 18.38	− 5 46.7	1.665	2.640	6.3	19.9
10 8	23 12.04	− 6 16.3	1.718	2.640	10.4	20.1
10 18	23 7.68	− 6 33.0	1.793	2.640	13.8	20.4

121972 2000 ES_{117} 9 14.2 202°.20 3°.3/10.8 18

8 9	23 57.19	−14 43.8	2.695	3.543	10.3	19.9
8 19	23 51.11	−15 0.1	2.618	3.540	7.9	19.7
8 29	23 43.46	−15 16.2	2.566	3.537	5.3	19.5
9 8	23 34.76	−15 28.1	2.542	3.534	3.4	19.4
9 18	23 25.65	−15 32.4	2.548	3.531	4.0	19.4
9 28	23 16.89	−15 26.3	2.584	3.527	6.4	19.6
10 8	23 9.16	−15 8.5	2.647	3.524	9.0	19.8
10 18	23 2.99	−14 38.9	2.736	3.520	11.4	19.9

209512 2004 RO_{2} 9 14.2 72°.60 0°.8/15.5 18 R

8 9	23 46.21	+ 2 37.3	3.082	3.900	9.9	20.2
8 19	23 42.71	+ 2 7.3	3.002	3.906	7.6	20.1
8 29	23 38.06	+ 1 27.5	2.947	3.911	5.1	19.9
9 8	23 32.64	+ 0 40.3	2.918	3.917	2.3	19.8
9 18	23 26.92	− 0 11.1	2.919	3.922	1.1	19.7
9 28	23 21.41	− 1 2.9	2.950	3.928	3.7	19.9
10 8	23 16.62	− 1 51.4	3.009	3.933	6.3	20.1
10 18	23 12.92	− 2 33.4	3.094	3.939	8.7	20.2

386645 2009 SW_{262} 9 14.2 258°.53 1°.8/10.7 18

8 9	23 45.48	−12 11.4	4.432	5.282	6.5	21.2
8 19	23 41.83	−12 35.9	4.351	5.277	4.9	21.1
8 29	23 37.36	−13 1.5	4.296	5.271	3.2	21.0
9 8	23 32.34	−13 26.0	4.270	5.265	1.9	20.9
9 18	23 27.10	−13 47.2	4.274	5.260	2.4	20.9
9 28	23 22.01	−14 3.1	4.308	5.254	4.0	21.0
10 8	23 17.40	−14 12.0	4.370	5.248	5.7	21.2
10 18	23 13.58	−14 13.1	4.457	5.243	7.3	21.3

201505 2003 MD_{13} 9 14.2 39°.00 0°.6/14.7 18

8 9	23 51.09	+ 1 20.9	1.327	2.188	18.0	19.4
8 19	23 47.62	+ 0 47.1	1.277	2.205	13.8	19.1
8 29	23 41.70	− 0 5.6	1.246	2.222	8.9	18.9
9 8	23 34.14	− 1 11.6	1.238	2.240	3.7	18.7
9 18	23 26.05	− 2 22.8	1.255	2.259	1.8	18.6
9 28	23 18.66	− 3 30.0	1.298	2.278	6.9	19.0
10 8	23 13.02	− 4 25.3	1.364	2.297	11.6	19.3
10 18	23 9.80	− 5 3.6	1.452	2.318	15.5	19.6

35541 1998 FS_{95} 9 14.2 121°.34 3°.8/18.1 18

8 9	23 54.70	+ 9 28.4	1.964	2.760	15.5	19.3
8 19	23 49.76	+ 9 32.5	1.891	2.772	12.5	19.1
8 29	23 42.84	+ 9 17.9	1.839	2.783	9.1	19.0
9 8	23 34.57	+ 8 45.9	1.812	2.794	5.7	18.8
9 18	23 25.77	+ 7 59.6	1.811	2.804	3.8	18.7
9 28	23 17.38	+ 7 4.2	1.838	2.815	5.6	18.8
10 8	23 10.29	+ 6 6.6	1.892	2.825	8.9	19.0
10 18	23 5.15	+ 5 12.9	1.971	2.834	12.1	19.3

45920 2000 YP_{104} 9 14.2 100°.11 3°.6/10.3 18

8 9	23 51.93	− 9 15.0	1.909	2.775	13.1	17.9
8 19	23 47.63	−10 38.4	1.855	2.790	9.8	17.7
8 29	23 41.44	−12 8.3	1.826	2.805	6.3	17.5
9 8	23 34.00	−13 37.1	1.822	2.819	3.7	17.4
9 18	23 26.14	−14 57.1	1.847	2.833	4.8	17.5
9 28	23 18.76	−16 1.4	1.899	2.847	8.0	17.7
10 8	23 12.69	−16 46.1	1.977	2.861	11.2	18.0
10 18	23 8.50	−17 9.8	2.077	2.874	14.0	18.2

262778 2006 YZ_{12} 9 14.2 314°.84 4°.0/ 9.7 18

8 9	23 48.51	−10 23.9	1.891	2.766	12.9	20.1
8 19	23 45.29	−11 41.7	1.816	2.755	9.7	19.8
8 29	23 40.12	−13 7.3	1.763	2.744	6.3	19.6
9 8	23 33.56	−14 33.1	1.737	2.733	4.0	19.5
9 18	23 26.37	−15 51.1	1.738	2.722	5.3	19.5
9 28	23 19.48	−16 54.1	1.765	2.712	8.6	19.7
10 8	23 13.78	−17 36.9	1.817	2.702	12.0	19.9
10 18	23 9.93	−17 57.7	1.890	2.692	15.1	20.1

135600 2002 HM_{1} 9 14.2 39°.12 8°.2/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 56.44	−17 31.8	1.079	1.977	18.6	19.0
8 19	23 52.18	−18 45.0	1.044	1.990	14.3	18.8
8 29	23 44.79	−19 55.9	1.028	2.005	10.3	18.6
9 8	23 35.36	−20 51.9	1.034	2.020	8.2	18.6
9 18	23 25.40	−21 22.9	1.062	2.035	9.7	18.7
9 28	23 16.53	−21 23.3	1.112	2.052	13.2	19.0
10 8	23 10.04	−20 53.4	1.182	2.069	16.9	19.2
10 18	23 6.62	−19 57.4	1.270	2.086	20.2	19.5

3196 Maklaj 9 14.2 15°.67 1°.8/12.5 18 R

8 9	23 53.65	− 7 35.1	2.102	2.956	12.6	16.6
8 19	23 48.85	− 7 55.6	2.029	2.957	9.5	16.4
8 29	23 42.22	− 8 22.0	1.980	2.958	6.0	16.2
9 8	23 34.33	− 8 50.0	1.956	2.958	2.6	16.0
9 18	23 25.95	− 9 15.0	1.961	2.959	2.9	16.0
9 28	23 17.94	− 9 32.6	1.994	2.960	6.3	16.2
10 8	23 11.14	− 9 39.6	2.054	2.960	9.8	16.5
10 18	23 6.12	− 9 34.4	2.137	2.961	12.8	16.7

374754 2006 SG_{233} 9 14.2 203°.36 4°.4/19.4 17

8 9	23 51.51	+14 58.9	1.820	2.598	17.2	21.5
8 19	23 47.67	+14 9.1	1.729	2.595	14.2	21.3
8 29	23 41.71	+12 50.0	1.658	2.592	10.7	21.0
9 8	23 34.20	+11 3.2	1.611	2.587	6.9	20.8
9 18	23 25.99	+ 8 54.1	1.590	2.583	4.5	20.7
9 28	23 18.11	+ 6 32.2	1.599	2.578	6.0	20.7
10 8	23 11.54	+ 4 9.5	1.635	2.572	9.7	21.0
10 18	23 7.00	+ 1 57.0	1.697	2.566	13.5	21.2

403457 2009 SY_{321} 9 14.2 343°.35 2°.1/12.5 18

8 9	23 55.17	− 9 2.1	2.015	2.871	12.9	20.3
8 19	23 50.11	− 9 8.0	1.938	2.867	9.8	20.1
8 29	23 43.08	− 9 18.0	1.885	2.863	6.2	19.8
9 8	23 34.69	− 9 28.3	1.858	2.859	2.8	19.6
9 18	23 25.74	− 9 34.6	1.859	2.856	3.1	19.6
9 28	23 17.18	− 9 33.2	1.888	2.853	6.6	19.9
10 8	23 9.90	− 9 21.5	1.943	2.850	10.2	20.1
10 18	23 4.52	− 8 58.4	2.021	2.848	13.3	20.3

412430 2014 EU_{11} 9 14.2 110°.13 3°.8/ 9.9 18

8 9	23 52.85	−11 54.0	2.109	2.973	12.2	21.4
8 19	23 48.15	−13 1.5	2.055	2.987	9.1	21.3
8 29	23 41.70	−14 12.3	2.025	3.002	6.0	21.1
9 8	23 34.10	−15 20.1	2.022	3.015	3.9	21.0
9 18	23 26.11	−16 18.4	2.047	3.029	4.9	21.1
9 28	23 18.59	−17 2.0	2.100	3.042	7.7	21.3
10 8	23 12.28	−17 27.9	2.178	3.055	10.7	21.5
10 18	23 7.75	−17 35.6	2.279	3.067	13.2	21.7

126864 2002 EK_{84} 9 14.2 277°.85 0°.8/13.4 18

8 9	23 51.00	− 3 27.3	2.171	3.018	12.5	20.0
8 19	23 46.86	− 3 57.1	2.090	3.014	9.5	19.8
8 29	23 40.97	− 4 36.3	2.033	3.009	6.0	19.6
9 8	23 33.87	− 5 21.2	2.002	3.005	2.3	19.4
9 18	23 26.24	− 6 6.8	1.999	3.001	2.0	19.3
9 28	23 18.90	− 6 48.0	2.025	2.996	5.7	19.6
10 8	23 12.64	− 7 20.3	2.077	2.992	9.2	19.8
10 18	23 8.04	− 7 40.7	2.153	2.987	12.3	20.0

483354 2016 RQ_{3} 9 14.2 7°.67 4°.3/17.4 18

8 9	23 51.46	+ 6 43.8	1.256	2.102	19.8	20.2
8 19	23 48.32	+ 7 9.3	1.190	2.103	15.9	20.0
8 29	23 42.44	+ 7 11.8	1.143	2.104	11.4	19.7
9 8	23 34.57	+ 6 52.2	1.116	2.107	6.8	19.5
9 18	23 25.83	+ 6 14.0	1.112	2.110	4.3	19.3
9 28	23 17.64	+ 5 24.7	1.133	2.115	7.3	19.5
10 8	23 11.27	+ 4 33.6	1.176	2.120	11.8	19.8
10 18	23 7.58	+ 3 48.9	1.240	2.127	16.1	20.1

521693 2015 RZ_{262} 9 14.2 61°.38 1°.3/15.4 18

8 9	23 55.04	+ 0 48.9	1.989	2.820	14.1	20.9
8 19	23 49.92	+ 0 56.6	1.923	2.833	10.9	20.8
8 29	23 42.90	+ 0 52.8	1.878	2.845	7.2	20.6
9 8	23 34.61	+ 0 39.8	1.860	2.858	3.3	20.4
9 18	23 25.85	+ 0 20.9	1.868	2.871	1.7	20.3
9 28	23 17.55	+ 0 0.5	1.906	2.884	5.3	20.5
10 8	23 10.55	− 0 17.0	1.970	2.897	8.9	20.8
10 18	23 5.44	− 0 28.3	2.058	2.910	12.1	21.0

478415 2012 DB_{16} 9 14.2 218°.52 1°.3/12.3 18

8 9	23 48.05	− 2 32.1	2.635	3.477	10.7	21.5
8 19	23 44.37	− 3 56.2	2.549	3.471	8.1	21.3
8 29	23 39.27	− 5 31.5	2.489	3.466	5.0	21.1
9 8	23 33.19	− 7 12.9	2.458	3.460	2.0	20.9
9 18	23 26.67	− 8 54.4	2.456	3.454	2.3	20.9
9 28	23 20.35	−10 29.5	2.485	3.448	5.5	21.1
10 8	23 14.85	−11 52.7	2.543	3.441	8.5	21.3
10 18	23 10.68	−13 0.4	2.626	3.435	11.1	21.5

209317 2004 BX_{16} 9 14.2 294.°80 3.°0/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 57.31	−10 19.3	1.748	2.611	14.3	20.0
8 19	23 52.26	−10 35.4	1.658	2.590	10.9	19.7
8 29	23 44.78	−10 56.3	1.591	2.569	7.1	19.5
9 8	23 35.47	−11 16.6	1.548	2.548	3.6	19.2
9 18	23 25.27	−11 30.8	1.533	2.527	4.2	19.2
9 28	23 15.34	−11 33.4	1.544	2.507	8.1	19.4
10 8	23 6.83	−11 21.3	1.581	2.486	12.3	19.6
10 18	23 0.61	−10 53.3	1.640	2.465	15.9	19.8

103613 2000 CM_{21} 9 14.2 122.°14 4.°0/18.4 18

8 9	23 53.43	+10 13.6	2.094	2.883	14.9	20.1
8 19	23 48.74	+10 20.1	2.017	2.892	12.1	20.0
8 29	23 42.19	+10 8.7	1.961	2.901	8.9	19.8
9 8	23 34.35	+ 9 40.2	1.930	2.909	5.8	19.6
9 18	23 25.99	+ 8 57.2	1.926	2.917	4.0	19.5
9 28	23 17.98	+ 8 4.7	1.949	2.925	5.5	19.6
10 8	23 11.17	+ 7 8.9	2.000	2.932	8.5	19.8
10 18	23 6.16	+ 6 15.6	2.076	2.940	11.5	20.0

473433 2015 WH_{7} 9 14.3 322.°34 6.°5/20.0 17

8 9	23 49.70	+13 57.5	1.840	2.626	16.7	20.8
8 19	23 46.51	+14 35.9	1.737	2.602	14.2	20.6
8 29	23 41.15	+14 53.9	1.653	2.578	11.3	20.3
9 8	23 34.09	+14 49.5	1.591	2.555	8.4	20.1
9 18	23 26.09	+14 22.9	1.553	2.532	6.6	20.0
9 28	23 18.18	+13 37.1	1.541	2.510	7.4	20.0
10 8	23 11.41	+12 39.0	1.553	2.488	10.3	20.1
10 18	23 6.66	+11 36.3	1.589	2.468	13.6	20.3

356419 2010 UL_{76} 9 14.3 289.°46 2.°1/18.5 15

8 9	23 44.32	+ 9 16.8	4.350	5.124	8.0	20.6
8 19	23 41.04	+ 9 13.4	4.251	5.117	6.4	20.5
8 29	23 36.91	+ 9 1.2	4.175	5.110	4.7	20.4
9 8	23 32.22	+ 8 41.1	4.126	5.103	3.1	20.2
9 18	23 27.28	+ 8 14.4	4.106	5.096	2.1	20.1
9 28	23 22.45	+ 7 43.2	4.116	5.090	2.9	20.2
10 8	23 18.08	+ 7 9.8	4.154	5.083	4.6	20.3
10 18	23 14.47	+ 6 36.9	4.221	5.076	6.3	20.4

72603 2001 FG_{15} 9 14.3 149.°75 0.°2/14.5 18

8 9	23 50.10	− 0 15.3	2.698	3.526	10.9	19.7
8 19	23 45.79	− 0 45.1	2.620	3.532	8.3	19.5
8 29	23 40.11	− 1 24.4	2.567	3.537	5.3	19.3
9 8	23 33.50	− 2 10.1	2.541	3.542	2.1	19.1
9 18	23 26.52	− 2 58.5	2.544	3.547	1.2	19.0
9 28	23 19.81	− 3 45.3	2.577	3.552	4.4	19.3
10 8	23 13.97	− 4 26.6	2.638	3.557	7.4	19.5
10 18	23 9.47	− 4 59.3	2.725	3.561	10.0	19.7

356223 2009 SH_{197} 9 14.3 244.°80 1.°7/18.1 18

8 9	23 43.26	+ 8 20.5	4.864	5.640	7.1	21.3
8 19	23 40.16	+ 8 7.9	4.762	5.632	5.7	21.2
8 29	23 36.32	+ 7 47.4	4.684	5.623	4.1	21.1
9 8	23 31.99	+ 7 20.1	4.634	5.615	2.6	21.0
9 18	23 27.43	+ 6 47.4	4.612	5.606	1.7	20.9
9 28	23 22.97	+ 6 11.2	4.621	5.597	2.6	20.9
10 8	23 18.92	+ 5 33.7	4.660	5.588	4.1	21.1
10 18	23 15.54	+ 4 57.2	4.726	5.579	5.7	21.2

481307 2005 YW_{246} 9 14.3 224.°37 2.°1/16.7 17

8 9	23 52.21	+ 5 12.6	2.645	3.448	11.8	22.3
8 19	23 47.52	+ 5 15.3	2.552	3.441	9.3	22.1
8 29	23 41.31	+ 5 6.2	2.481	3.434	6.5	21.9
9 8	23 34.01	+ 4 46.8	2.437	3.427	3.7	21.8
9 18	23 26.21	+ 4 19.2	2.421	3.420	2.2	21.6
9 28	23 18.62	+ 3 47.0	2.434	3.412	4.4	21.8
10 8	23 11.89	+ 3 14.2	2.476	3.404	7.3	22.0
10 18	23 6.58	+ 2 44.6	2.545	3.396	10.1	22.1

45492 2000 AD_{241} 9 14.3 306.°08 1.°1/15.4 18

8 9	23 47.53	+ 5 9.8	1.681	2.520	15.9	18.4
8 19	23 44.81	+ 4 7.1	1.593	2.508	12.5	18.2
8 29	23 39.98	+ 2 40.7	1.526	2.495	8.4	17.9
9 8	23 33.59	+ 0 55.0	1.484	2.483	3.8	17.6
9 18	23 26.45	− 1 2.3	1.468	2.472	1.7	17.4
9 28	23 19.58	− 3 0.8	1.480	2.460	6.3	17.7
10 8	23 13.98	− 4 49.8	1.518	2.449	10.8	17.9
10 18	23 10.40	− 6 21.3	1.580	2.438	14.8	18.2

442826 2013 AE_{78} 9 14.3 268.°54 5.°6/ 8.1 18

8 9	23 52.81	−16 29.9	2.002	2.873	12.4	21.3
8 19	23 48.55	−17 44.8	1.923	2.856	9.6	21.1
8 29	23 42.24	−19 1.8	1.869	2.840	6.9	20.9
9 8	23 34.44	−20 13.4	1.841	2.823	5.6	20.8
9 18	23 25.95	−21 11.9	1.839	2.806	6.9	20.9
9 28	23 17.75	−21 51.1	1.864	2.788	9.7	21.0
10 8	23 10.77	−22 7.8	1.913	2.771	12.8	21.2
10 18	23 5.72	−22 1.7	1.983	2.753	15.5	21.3

515292 2012 TC_{304} 9 14.3 316.°12 10.°2/ 7.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	0 3.24	−25 58.5	1.421	2.292	16.6	20.2
8 19	23 57.61	−26 40.3	1.341	2.263	13.8	19.9
8 29	23 48.63	−27 12.6	1.280	2.234	11.3	19.7
9 8	23 37.10	−27 24.1	1.242	2.206	10.2	19.5
9 18	23 24.34	−27 5.2	1.228	2.178	11.5	19.5
9 28	23 12.10	−26 10.9	1.237	2.151	14.5	19.6
10 8	23 2.00	−24 42.6	1.267	2.125	18.0	19.8
10 18	22 55.09	−22 46.2	1.317	2.099	21.4	20.0

10440 van Swinden 9 14.3 51.°11 3.°6/11.8 18

8 9	23 56.42	− 8 17.2	1.166	2.050	18.5	18.2
8 19	23 52.04	− 9 1.7	1.118	2.061	13.9	18.0
8 29	23 44.71	− 9 55.8	1.090	2.073	8.8	17.8
9 8	23 35.41	−10 50.6	1.084	2.086	4.2	17.6
9 18	23 25.46	−11 36.7	1.103	2.098	5.1	17.6
9 28	23 16.39	−12 6.0	1.145	2.111	9.7	18.0
10 8	23 9.49	−12 14.2	1.209	2.125	14.4	18.3
10 18	23 5.48	−12 0.8	1.294	2.138	18.3	18.6

283690 2002 RS_{36} 9 14.3 353.°01 4.°5/17.3 18

8 9	23 52.24	+ 5 37.1	1.343	2.187	18.9	20.1
8 19	23 48.89	+ 6 25.3	1.269	2.180	15.2	19.8
8 29	23 42.84	+ 6 55.1	1.213	2.174	11.0	19.6
9 8	23 34.77	+ 7 6.1	1.179	2.169	6.7	19.3
9 18	23 25.75	+ 6 59.8	1.169	2.166	4.5	19.2
9 28	23 17.15	+ 6 41.2	1.182	2.163	7.3	19.4
10 8	23 10.26	+ 6 17.2	1.220	2.162	11.7	19.6
10 18	23 5.98	+ 5 54.9	1.278	2.163	15.8	19.9

8832 Altenrath 9 14.3 261.°27 1.°1/15.4 18

8 9	23 50.64	+ 3 36.2	1.862	2.695	14.8	18.2
8 19	23 46.99	+ 2 54.8	1.771	2.683	11.6	18.0
8 29	23 41.29	+ 1 54.9	1.703	2.670	7.8	17.7
9 8	23 34.09	+ 0 39.8	1.659	2.658	3.5	17.5
9 18	23 26.17	− 0 44.4	1.642	2.645	1.6	17.3
9 28	23 18.49	− 2 10.0	1.654	2.633	5.9	17.6
10 8	23 12.01	− 3 28.9	1.692	2.620	10.1	17.8
10 18	23 7.45	− 4 34.8	1.753	2.607	13.8	18.0

273726 2007 EE_{92} 9 14.3 160.°88 0.°4/13.9 17

8 9	23 52.32	− 0 3.5	1.749	2.596	15.0	21.2
8 19	23 48.22	− 0 57.0	1.677	2.599	11.5	21.0
8 29	23 42.02	− 2 6.5	1.626	2.601	7.3	20.8
9 8	23 34.34	− 3 26.6	1.601	2.603	2.8	20.5
9 18	23 26.05	− 4 49.9	1.603	2.605	2.0	20.4
9 28	23 18.17	− 6 8.3	1.633	2.607	6.5	20.7
10 8	23 11.65	− 7 14.6	1.689	2.608	10.7	21.0
10 18	23 7.18	− 8 4.0	1.767	2.610	14.2	21.2

193496 2000 YA_{16} 9 14.3 188.°95 0.°4/13.8 18

8 9	23 54.64	− 2 35.2	2.242	3.078	12.5	20.5
8 19	23 49.55	− 3 1.0	2.161	3.078	9.5	20.3
8 29	23 42.68	− 3 36.4	2.103	3.076	6.1	20.1
9 8	23 34.57	− 4 17.8	2.072	3.074	2.3	19.9
9 18	23 25.92	− 5 0.7	2.070	3.072	1.7	19.8
9 28	23 17.59	− 5 40.2	2.097	3.069	5.5	20.1
10 8	23 10.37	− 6 11.8	2.152	3.066	9.0	20.3
10 18	23 4.85	− 6 32.7	2.231	3.062	12.1	20.5

344980 2004 XQ_{124} 9 14.3 348.°02 1.°3/14.8 18

8 9	0 2.85	− 4 53.5	1.216	2.081	19.2	18.9
8 19	23 57.34	− 3 37.0	1.141	2.070	15.0	18.6
8 29	23 48.47	− 2 24.6	1.084	2.061	9.9	18.3
9 8	23 37.04	− 1 15.9	1.051	2.052	4.3	18.0
9 18	23 24.41	− 0 10.8	1.043	2.046	2.4	17.8
9 28	23 12.33	+ 0 51.2	1.060	2.040	8.1	18.1
10 8	23 2.44	+ 1 51.7	1.101	2.036	13.5	18.4
10 18	22 55.81	+ 2 52.2	1.163	2.034	18.1	18.7

21449 Hemmick 9 14.3 356.°36 2.°7/12.2 18

8 9	23 54.22	− 6 27.6	1.324	2.201	17.2	19.0
8 19	23 50.29	− 7 11.1	1.260	2.200	13.0	18.8
8 29	23 43.65	− 8 6.5	1.216	2.199	8.2	18.5
9 8	23 35.05	− 9 6.4	1.196	2.198	3.6	18.2
9 18	23 25.66	−10 2.0	1.200	2.198	4.2	18.3
9 28	23 16.85	−10 44.7	1.230	2.198	8.9	18.6
10 8	23 9.87	−11 8.6	1.282	2.198	13.6	18.8
10 18	23 5.54	−11 11.5	1.354	2.199	17.6	19.1

346617 2008 WK_{90} 9 14.3 259.°23 6.°3/20.3 18

8 9	23 53.85	+15 20.6	2.048	2.810	16.0	21.0
8 19	23 49.41	+15 53.3	1.949	2.797	13.6	20.8
8 29	23 42.87	+16 5.9	1.870	2.784	10.8	20.6
9 8	23 34.75	+15 56.8	1.814	2.771	8.1	20.4
9 18	23 25.79	+15 26.3	1.783	2.757	6.4	20.2
9 28	23 17.00	+14 37.9	1.779	2.743	7.1	20.3
10 8	23 9.34	+13 37.8	1.801	2.729	9.6	20.4
10 18	23 3.60	+12 33.5	1.848	2.715	12.6	20.5

270198 2001 TE_{13} 9 14.3 296°.50 7°.9/22.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 45.82	+21 13.6	1.120	1.917	24.7	20.7
8 19	23 44.67	+20 34.4	1.032	1.902	21.3	20.4
8 29	23 40.54	+19 3.3	0.959	1.886	17.1	20.1
9 8	23 34.01	+16 35.7	0.903	1.871	12.3	19.8
9 18	23 26.20	+13 15.0	0.868	1.856	8.4	19.5
9 28	23 18.72	+ 9 17.2	0.858	1.841	8.9	19.5
10 8	23 13.13	+ 5 8.6	0.873	1.827	13.5	19.7
10 18	23 10.56	+ 1 15.9	0.910	1.813	18.9	20.0

188508 2004 RK_{21} 9 14.3 346°.97 0°.1/14.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 48.36	+ 0 2.9	2.027	2.872	13.3	20.1
8 19	23 44.99	− 0 44.2	1.949	2.870	10.2	19.9
8 29	23 39.86	− 1 45.2	1.894	2.868	6.5	19.7
9 8	23 33.49	− 2 55.6	1.864	2.866	2.5	19.4
9 18	23 26.60	− 4 9.7	1.862	2.865	1.6	19.3
9 28	23 20.01	− 5 20.5	1.888	2.864	5.7	19.6
10 8	23 14.52	− 6 22.0	1.941	2.863	9.4	19.8
10 18	23 10.72	− 7 9.7	2.018	2.862	12.6	20.1

256608 2007 VT_{66} 9 14.3 162°.91 1°.4/13.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 57.65	− 4 27.5	1.539	2.396	16.2	21.4
8 19	23 52.54	− 4 56.2	1.470	2.399	12.3	21.2
8 29	23 44.92	− 5 36.6	1.423	2.401	7.8	20.9
9 8	23 35.52	− 6 23.0	1.401	2.404	3.0	20.6
9 18	23 25.41	− 7 8.6	1.405	2.406	2.8	20.6
9 28	23 15.84	− 7 46.5	1.436	2.407	7.6	20.9
10 8	23 7.96	− 8 11.1	1.491	2.408	12.0	21.2
10 18	23 2.54	− 8 19.6	1.569	2.409	15.8	21.4

389929 2012 TM_{129} 9 14.3 309°.82 0°.1/14.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 53.06	− 1 28.8	1.603	2.458	15.8	21.1
8 19	23 49.12	− 1 42.5	1.521	2.447	12.2	20.9
8 29	23 42.80	− 2 9.8	1.460	2.436	7.9	20.6
9 8	23 34.74	− 2 47.0	1.424	2.426	3.1	20.3
9 18	23 25.85	− 3 28.7	1.413	2.416	1.9	20.2
9 28	23 17.31	− 4 8.1	1.429	2.406	6.8	20.5
10 8	23 10.21	− 4 39.0	1.469	2.397	11.3	20.7
10 18	23 5.37	− 4 57.0	1.532	2.388	15.3	21.0

479292 2013 GQ_{91} 9 14.3 177°.40 4°.4/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 54.99	−17 57.1	2.692	3.546	10.1	21.6
8 19	23 49.51	−18 40.6	2.625	3.548	7.8	21.4
8 29	23 42.50	−19 22.8	2.584	3.549	5.6	21.3
9 8	23 34.48	−19 58.8	2.570	3.550	4.4	21.2
9 18	23 26.07	−20 24.1	2.585	3.550	5.3	21.2
9 28	23 18.02	−20 35.5	2.628	3.550	7.4	21.4
10 8	23 10.98	−20 31.7	2.698	3.550	9.7	21.5
10 18	23 5.46	−20 12.7	2.791	3.549	11.8	21.7

387383 2013 AQ_{41} 9 14.3 210°.82 0°.3/13.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 43.57	− 3 39.2	4.817	5.648	6.4	21.9
8 19	23 40.39	− 4 3.1	4.730	5.646	4.8	21.7
8 29	23 36.48	− 4 31.0	4.670	5.643	3.0	21.6
9 8	23 32.09	− 5 1.2	4.638	5.640	1.1	21.5
9 18	23 27.50	− 5 31.8	4.636	5.637	0.9	21.4
9 28	23 23.02	− 6 0.7	4.664	5.634	2.8	21.6
10 8	23 18.97	− 6 26.1	4.722	5.631	4.6	21.7
10 18	23 15.59	− 6 46.4	4.806	5.628	6.2	21.8

29499 1997 WT_{21} 9 14.3 1°.69 1°.8/12.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 51.75	− 5 51.1	1.776	2.639	14.1	18.5
8 19	23 47.78	− 6 26.1	1.706	2.638	10.6	18.2
8 29	23 41.74	− 7 10.4	1.658	2.638	6.7	18.0
9 8	23 34.27	− 7 58.7	1.636	2.638	2.7	17.8
9 18	23 26.21	− 8 44.8	1.640	2.639	3.0	17.8
9 28	23 18.57	− 9 22.6	1.671	2.639	7.0	18.0
10 8	23 12.27	− 9 47.3	1.727	2.640	10.9	18.3
10 18	23 7.97	− 9 56.5	1.806	2.642	14.3	18.5

77341 2001 FO_{101} 9 14.3 185°.45 4°.2/17.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 55.66	+ 8 42.2	1.640	2.451	17.5	19.4
8 19	23 51.04	+ 8 53.3	1.561	2.451	14.2	19.2
8 29	23 44.01	+ 8 43.6	1.501	2.451	10.3	19.0
9 8	23 35.22	+ 8 13.5	1.465	2.450	6.4	18.8
9 18	23 25.63	+ 7 26.3	1.454	2.450	4.2	18.6
9 28	23 16.43	+ 6 28.2	1.470	2.449	6.5	18.8
10 8	23 8.74	+ 5 27.3	1.512	2.448	10.5	19.0
10 18	23 3.37	+ 4 31.2	1.577	2.446	14.2	19.2

79987 1999 EJ_{10} 9 14.3 311°.27 0°.5/14.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 52.99	− 0 47.3	1.799	2.645	14.7	19.0
8 19	23 48.83	− 0 52.2	1.714	2.634	11.4	18.8
8 29	23 42.51	− 1 9.4	1.650	2.623	7.5	18.5
9 8	23 34.62	− 1 35.9	1.611	2.612	3.1	18.2
9 18	23 25.99	− 2 7.4	1.599	2.602	1.6	18.1
9 28	23 17.65	− 2 38.5	1.614	2.592	6.1	18.4
10 8	23 10.60	− 3 3.7	1.654	2.582	10.3	18.6
10 18	23 5.59	− 3 19.0	1.718	2.572	14.0	18.8

386742 2010 AO_{80} 9 14.3 152°.13 1°.9/16.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 51.71	+ 7 7.5	2.387	3.187	13.0	21.8
8 19	23 47.22	+ 6 25.4	2.308	3.197	10.2	21.6
8 29	23 41.14	+ 5 26.9	2.251	3.205	7.1	21.4
9 8	23 33.99	+ 4 15.1	2.221	3.213	3.8	21.2
9 18	23 26.41	+ 2 54.5	2.220	3.220	2.0	21.1
9 28	23 19.14	+ 1 31.0	2.248	3.227	4.6	21.3
10 8	23 12.89	+ 0 11.0	2.306	3.233	7.8	21.5
10 18	23 8.18	− 1 0.2	2.389	3.239	10.7	21.7

469822 2005 SU_{189} 9 14.3 22°.06 0°.2/14.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 50.30	− 0 46.7	1.107	1.988	19.5	20.9
8 19	23 47.55	− 1 11.8	1.057	1.996	14.9	20.7
8 29	23 41.97	− 1 56.2	1.025	2.006	9.6	20.4
9 8	23 34.43	− 2 53.4	1.014	2.017	3.7	20.1
9 18	23 26.18	− 3 54.7	1.026	2.029	2.3	20.0
9 28	23 18.70	− 4 50.0	1.061	2.042	8.0	20.4
10 8	23 13.21	− 5 31.1	1.119	2.057	13.1	20.8
10 18	23 10.47	− 5 53.4	1.197	2.072	17.4	21.1

171447 2007 RO_{145} 9 14.3 341°.18 3°.9/17.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 41.58	+ 8 7.6	1.179	2.039	19.9	18.8
8 19	23 41.11	+ 7 58.8	1.096	2.017	16.2	18.5
8 29	23 38.07	+ 7 19.9	1.030	1.996	11.7	18.2
9 8	23 33.03	+ 6 11.8	0.984	1.977	6.9	17.9
9 18	23 26.93	+ 4 39.7	0.959	1.960	3.9	17.6
9 28	23 21.11	+ 2 54.7	0.958	1.944	7.3	17.8
10 8	23 16.92	+ 1 10.4	0.978	1.931	12.6	18.0
10 18	23 15.32	− 0 20.5	1.019	1.920	17.5	18.3

252741 2002 CW_{315} 9 14.3 277°.87 0°.0/14.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 44.13	− 1 54.8	4.401	5.228	7.0	21.0
8 19	23 40.88	− 2 15.1	4.311	5.222	5.3	20.9
8 29	23 36.84	− 2 40.3	4.246	5.217	3.4	20.8
9 8	23 32.26	− 3 8.9	4.210	5.212	1.3	20.6
9 18	23 27.45	− 3 38.8	4.204	5.207	0.8	20.5
9 28	23 22.76	− 4 7.7	4.228	5.201	2.9	20.7
10 8	23 18.54	− 4 33.5	4.281	5.196	4.9	20.8
10 18	23 15.06	− 4 54.5	4.361	5.191	6.6	21.0

116685 2004 CG_{77} 9 14.3 317°.92 2°.0/12.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 50.05	− 5 6.9	1.799	2.663	13.9	19.9
8 19	23 46.53	− 6 4.8	1.724	2.658	10.5	19.7
8 29	23 40.99	− 7 14.2	1.672	2.653	6.6	19.4
9 8	23 34.02	− 8 29.0	1.646	2.648	2.8	19.2
9 18	23 26.41	− 9 41.8	1.646	2.643	3.3	19.2
9 28	23 19.16	−10 45.1	1.673	2.639	7.3	19.5
10 8	23 13.17	−11 33.0	1.726	2.635	11.2	19.7
10 18	23 9.12	−12 2.3	1.801	2.631	14.5	19.9

434035 2001 SE_{228} 9 14.3 345°.84 1°.1/15.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 48.60	+ 3 34.0	1.363	2.219	17.9	20.6
8 19	23 46.02	+ 2 52.8	1.290	2.214	14.0	20.4
8 29	23 40.95	+ 1 48.1	1.237	2.210	9.3	20.1
9 8	23 34.07	+ 0 24.6	1.206	2.206	4.2	19.8
9 18	23 26.37	− 1 9.6	1.200	2.203	1.9	19.6
9 28	23 19.11	− 2 43.6	1.219	2.201	7.0	20.0
10 8	23 13.43	− 4 6.9	1.262	2.199	12.0	20.2
10 18	23 10.17	− 5 11.9	1.327	2.198	16.3	20.5

58126 1981 EJ_{32} 9 14.3 70°.39 3°.2/17.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 53.70	+ 7 0.5	1.675	2.495	16.8	19.7
8 19	23 49.31	+ 6 59.0	1.610	2.508	13.3	19.5
8 29	23 42.75	+ 6 37.9	1.565	2.521	9.4	19.3
9 8	23 34.69	+ 5 59.3	1.543	2.533	5.4	19.1
9 18	23 26.06	+ 5 7.5	1.548	2.546	3.2	19.0
9 28	23 17.94	+ 4 9.2	1.579	2.559	5.9	19.2
10 8	23 11.30	+ 3 11.9	1.636	2.572	9.8	19.5
10 18	23 6.81	+ 2 21.9	1.717	2.585	13.3	19.7

376142 2011 BK_{16} 9 14.3 257°.48 0°.1/14.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 54.79	− 0 37.5	1.669	2.516	15.6	22.3
8 19	23 50.44	− 1 1.5	1.581	2.502	12.1	22.0
8 29	23 43.69	− 1 40.6	1.515	2.489	7.9	21.7
9 8	23 35.15	− 2 30.8	1.473	2.475	3.2	21.4
9 18	23 25.73	− 3 26.5	1.457	2.460	1.8	21.3
9 28	23 16.58	− 4 20.2	1.469	2.446	6.8	21.6
10 8	23 8.83	− 5 5.0	1.506	2.431	11.4	21.8
10 18	23 3.33	− 5 36.0	1.566	2.416	15.4	22.0

139040 2001 EV_{5} 9 14.3 134°.08 2°.5/12.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 56.23	− 6 41.2	1.630	2.491	15.2	20.5
8 19	23 51.29	− 7 31.9	1.567	2.499	11.5	20.3
8 29	23 44.04	− 8 32.2	1.527	2.507	7.2	20.0
9 8	23 35.20	− 9 35.3	1.513	2.514	3.2	19.8
9 18	23 25.77	−10 33.7	1.525	2.521	3.8	19.9
9 28	23 16.90	−11 20.0	1.564	2.528	7.9	20.1
10 8	23 9.62	−11 49.6	1.628	2.534	11.9	20.4
10 18	23 4.62	−12 0.4	1.714	2.539	15.4	20.6

48224 2001 KK_{44} 9 14.3 201°.13 2°.6/17.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 50.62	+ 8 24.5	2.149	2.952	14.1	19.8
8 19	23 46.68	+ 7 53.9	2.062	2.949	11.3	19.6
8 29	23 40.96	+ 7 4.7	1.996	2.947	8.0	19.4
9 8	23 33.99	+ 5 59.0	1.955	2.944	4.6	19.2
9 18	23 26.46	+ 4 41.0	1.942	2.941	2.6	19.1
9 28	23 19.20	+ 3 17.3	1.958	2.937	5.0	19.2
10 8	23 13.01	+ 1 54.9	2.001	2.934	8.5	19.4
10 18	23 8.51	+ 0 40.3	2.070	2.930	11.7	19.6

496764 2017 BR_{15} 9 14.3 340°.15 3°.9/ 9.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 48.64	−10 25.1	1.910	2.784	12.8	20.5
8 19	23 45.36	−11 38.8	1.840	2.779	9.6	20.3
8 29	23 40.19	−12 59.3	1.794	2.774	6.3	20.1
9 8	23 33.70	−14 19.3	1.774	2.770	3.9	19.9
9 18	23 26.64	−15 31.4	1.781	2.766	5.1	20.0
9 28	23 19.93	−16 28.7	1.814	2.762	8.3	20.2
10 8	23 14.40	−17 6.6	1.872	2.759	11.6	20.4
10 18	23 10.69	−17 23.6	1.952	2.756	14.6	20.6

487040 2014 OG_{42} 9 14.3 201°.80 1°.8/16.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 53.23	+ 3 12.8	2.358	3.173	12.6	21.7
8 19	23 48.45	+ 3 17.6	2.273	3.173	9.9	21.5
8 29	23 42.00	+ 3 10.8	2.212	3.172	6.8	21.3
9 8	23 34.38	+ 2 54.0	2.176	3.171	3.5	21.1
9 18	23 26.25	+ 2 30.1	2.168	3.169	1.9	21.0
9 28	23 18.38	+ 2 2.7	2.190	3.168	4.7	21.2
10 8	23 11.53	+ 1 36.1	2.239	3.167	8.0	21.4
10 18	23 6.27	+ 1 14.1	2.314	3.165	11.0	21.6

371459 2006 SH_{361} 9 14.3 358°.85 3°.4/12.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 47.01	− 7 33.8	0.894	1.806	20.1	19.5
8 19	23 45.73	− 8 2.1	0.842	1.800	15.3	19.2
8 29	23 41.18	− 8 43.4	0.807	1.796	9.7	18.9
9 8	23 34.25	− 9 28.7	0.790	1.794	4.4	18.6
9 18	23 26.33	−10 7.6	0.795	1.794	5.1	18.7
9 28	23 19.16	−10 29.9	0.820	1.796	10.7	19.0
10 8	23 14.25	−10 29.7	0.864	1.801	16.1	19.3
10 18	23 12.49	−10 5.3	0.926	1.807	20.7	19.6

318931 2005 UP_{104} 9 14.3 232°.82 0°.3/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 50.66	− 1 46.7	2.425	3.262	11.7	22.1
8 19	23 46.50	− 2 19.5	2.338	3.255	8.9	21.9
8 29	23 40.75	− 3 2.2	2.275	3.248	5.7	21.7
9 8	23 33.89	− 3 51.5	2.238	3.241	2.2	21.5
9 18	23 26.54	− 4 43.1	2.231	3.233	1.5	21.4
9 28	23 19.41	− 5 31.9	2.252	3.225	5.1	21.6
10 8	23 13.22	− 6 13.4	2.301	3.217	8.4	21.8
10 18	23 8.52	− 6 44.4	2.375	3.209	11.3	22.0

220536 2004 FC_{41} 9 14.3 91°.89 0°.2/14.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 55.83	+ 0 1.2	1.589	2.435	16.3	20.9
8 19	23 50.94	− 0 27.7	1.531	2.451	12.5	20.7
8 29	23 43.77	− 1 11.7	1.494	2.468	8.0	20.5
9 8	23 35.08	− 2 6.0	1.482	2.484	3.2	20.2
9 18	23 25.87	− 3 3.9	1.496	2.499	1.7	20.2
9 28	23 17.29	− 3 58.3	1.538	2.515	6.5	20.5
10 8	23 10.31	− 4 42.6	1.605	2.530	10.7	20.8
10 18	23 5.61	− 5 12.9	1.695	2.545	14.4	21.1

452690 2005 XK_{116} 9 14.3 158°.25 6°.6/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 51.52	+20 22.5	2.504	3.222	14.5	21.2
8 19	23 47.22	+20 49.8	2.415	3.224	12.5	21.1
8 29	23 41.25	+20 57.3	2.346	3.226	10.3	21.0
9 8	23 34.11	+20 43.8	2.299	3.228	8.2	20.8
9 18	23 26.41	+20 9.9	2.277	3.229	6.8	20.7
9 28	23 18.95	+19 18.4	2.283	3.231	6.9	20.8
10 8	23 12.47	+18 14.7	2.315	3.232	8.3	20.8
10 18	23 7.54	+17 5.1	2.372	3.233	10.4	21.0

43627 2002 CL_{224} 9 14.3 297°.86 0°.1/14.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 44.66	− 1 4.4	4.088	4.913	7.5	20.1
8 19	23 41.36	− 1 23.4	3.995	4.905	5.7	19.9
8 29	23 37.20	− 1 48.2	3.927	4.896	3.7	19.8
9 8	23 32.44	− 2 16.9	3.887	4.888	1.5	19.6
9 18	23 27.42	− 2 47.6	3.877	4.880	0.8	19.5
9 28	23 22.52	− 3 17.6	3.896	4.871	3.0	19.7
10 8	23 18.12	− 3 44.8	3.945	4.863	5.2	19.8
10 18	23 14.53	− 4 7.0	4.020	4.855	7.1	20.0

19948 1981 EP_{40} 9 14.3 17°.15 2°.8/16.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 44.04	+ 7 9.6	0.925	1.803	22.7	17.3
8 19	23 43.23	+ 6 33.6	0.877	1.810	17.9	17.0
8 29	23 39.43	+ 5 23.1	0.844	1.819	12.3	16.8
9 8	23 33.52	+ 3 44.0	0.831	1.829	6.3	16.5
9 18	23 26.81	+ 1 47.6	0.838	1.841	2.9	16.3
9 28	23 20.85	− 0 10.2	0.868	1.855	7.8	16.7
10 8	23 16.96	− 1 53.9	0.919	1.871	13.4	17.1
10 18	23 15.92	− 3 13.6	0.989	1.887	18.2	17.4

364473 2007 DF_{21} 9 14.3 204°.52 1°.0/12.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 50.11	− 3 49.5	2.575	3.417	10.9	22.1
8 19	23 45.97	− 4 35.5	2.492	3.414	8.2	21.9
8 29	23 40.36	− 5 30.1	2.434	3.410	5.2	21.7
9 8	23 33.74	− 6 29.4	2.403	3.406	2.0	21.5
9 18	23 26.67	− 7 28.6	2.402	3.401	2.0	21.5
9 28	23 19.83	− 8 22.8	2.429	3.397	5.2	21.7
10 8	23 13.88	− 9 7.9	2.485	3.392	8.3	21.9
10 18	23 9.33	− 9 40.9	2.565	3.386	11.0	22.1

93430 2000 SG_{317} 9 14.3 248°.65 7°.2/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 52.52	+18 0.6	1.853	2.610	17.6	19.3
8 19	23 48.59	+18 24.8	1.763	2.604	15.1	19.1
8 29	23 42.45	+18 24.3	1.692	2.598	12.2	18.9
9 8	23 34.67	+17 57.1	1.642	2.592	9.3	18.8
9 18	23 26.08	+17 4.1	1.616	2.585	7.4	18.6
9 28	23 17.75	+15 49.8	1.616	2.579	7.8	18.7
10 8	23 10.71	+14 22.6	1.641	2.572	10.1	18.8
10 18	23 5.75	+12 51.6	1.691	2.565	13.2	19.0

44790 1999 TV_{173} 9 14.3 76°.16 7°.2/ 8.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 58.49	−20 52.1	1.700	2.570	14.3	18.3
8 19	23 52.83	−21 52.9	1.658	2.586	11.2	18.2
8 29	23 44.89	−22 48.6	1.639	2.602	8.5	18.0
9 8	23 35.49	−23 30.8	1.645	2.618	7.2	18.0
9 18	23 25.71	−23 52.9	1.677	2.634	8.3	18.1
9 28	23 16.69	−23 51.3	1.734	2.650	10.9	18.3
10 8	23 9.42	−23 26.0	1.814	2.666	13.6	18.5
10 18	23 4.48	−22 39.8	1.914	2.681	16.1	18.7

24834 1995 SY_{30} 9 14.3 245°.91 1°.0/13.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 52.22	− 1 13.9	1.562	2.420	16.0	19.6
8 19	23 48.53	− 2 12.8	1.485	2.414	12.2	19.3
8 29	23 42.47	− 3 29.2	1.430	2.408	7.8	19.0
9 8	23 34.68	− 4 57.0	1.398	2.401	2.9	18.7
9 18	23 26.11	− 6 27.7	1.394	2.395	2.6	18.7
9 28	23 17.91	− 7 51.5	1.416	2.389	7.5	19.0
10 8	23 11.19	− 9 0.1	1.463	2.382	12.0	19.2
10 18	23 6.74	− 9 48.6	1.531	2.375	16.0	19.5

91593 1999 TF_{7} 9 14.3 336°.93 2°.1/12.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 50.82	− 7 1.5	1.858	2.723	13.5	19.0
8 19	23 47.08	− 7 35.1	1.782	2.715	10.2	18.8
8 29	23 41.34	− 8 16.9	1.728	2.708	6.4	18.5
9 8	23 34.19	− 9 1.6	1.700	2.702	2.8	18.3
9 18	23 26.42	− 9 43.4	1.698	2.696	3.3	18.3
9 28	23 19.01	−10 16.5	1.724	2.690	7.1	18.6
10 8	23 12.83	−10 36.4	1.774	2.685	10.8	18.8
10 18	23 8.57	−10 40.9	1.847	2.680	14.1	19.0

37807 1997 YZ_{12} 9 14.3 85°.19 4°.1/10.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 56.36	− 9 0.6	1.381	2.257	16.7	19.2
8 19	23 51.61	−10 15.2	1.336	2.275	12.4	19.0
8 29	23 44.30	−11 38.0	1.312	2.293	7.9	18.8
9 8	23 35.32	−12 59.3	1.312	2.311	4.4	18.6
9 18	23 25.83	−14 9.3	1.338	2.328	5.6	18.7
9 28	23 17.13	−15 0.0	1.389	2.345	9.5	19.0
10 8	23 10.31	−15 27.3	1.464	2.363	13.5	19.3
10 18	23 6.03	−15 31.0	1.560	2.379	16.9	19.5

298250 2002 VO_{54} 9 14.3 301°.95 1°.1/13.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 56.82	− 6 1.1	1.814	2.667	14.3	20.1
8 19	23 51.74	− 6 1.7	1.731	2.657	10.9	19.9
8 29	23 44.40	− 6 9.4	1.669	2.646	7.0	19.6
9 8	23 35.43	− 6 20.5	1.633	2.636	2.7	19.4
9 18	23 25.70	− 6 30.8	1.624	2.625	2.4	19.3
9 28	23 16.32	− 6 35.8	1.643	2.615	6.7	19.6
10 8	23 8.31	− 6 31.7	1.688	2.605	10.8	19.8
10 18	23 2.45	− 6 16.5	1.756	2.596	14.4	20.0

106696 2000 WT_{164} 9 14.3 312°.51 4°.6/ 9.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 49.99	−13 8.0	1.974	2.848	12.5	19.3
8 19	23 46.37	−14 22.2	1.904	2.841	9.4	19.1
8 29	23 40.85	−15 40.8	1.858	2.834	6.4	18.9
9 8	23 33.99	−16 56.5	1.837	2.828	4.6	18.8
9 18	23 26.56	−18 1.9	1.844	2.821	5.8	18.8
9 28	23 19.46	−18 50.6	1.877	2.815	8.8	19.0
10 8	23 13.55	−19 19.1	1.935	2.809	11.9	19.2
10 18	23 9.46	−19 26.1	2.014	2.803	14.7	19.4

2176 Donar 9 14.3 76°.01 1°.6/12.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 51.73	− 5 24.9	2.028	2.883	12.9	16.8
8 19	23 47.50	− 6 5.1	1.960	2.888	9.7	16.6
8 29	23 41.47	− 6 53.8	1.915	2.894	6.1	16.4
9 8	23 34.20	− 7 46.2	1.897	2.899	2.5	16.2
9 18	23 26.46	− 8 36.6	1.906	2.904	2.7	16.2
9 28	23 19.11	− 9 19.5	1.943	2.910	6.3	16.4
10 8	23 12.94	− 9 50.5	2.006	2.915	9.8	16.7
10 18	23 8.55	−10 7.2	2.093	2.921	12.9	16.9

145017 2005 ED_{246} 9 14.3 66°.87 0°.9/13.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 58.09	− 2 48.9	1.301	2.164	18.2	20.2
8 19	23 52.94	− 3 18.1	1.257	2.188	13.8	20.0
8 29	23 45.14	− 4 1.2	1.233	2.211	8.7	19.8
9 8	23 35.64	− 4 51.8	1.232	2.235	3.3	19.5
9 18	23 25.68	− 5 42.1	1.257	2.259	2.5	19.5
9 28	23 16.62	− 6 24.2	1.307	2.283	7.6	19.9
10 8	23 9.57	− 6 52.5	1.382	2.306	12.2	20.2
10 18	23 5.18	− 7 4.3	1.478	2.330	16.0	20.6

12921 1998 WZ_5 9 14.3 287°.44 0°.6/13.1 18

8 9	23 43.31	− 4 0.4	4.324	5.161	7.0	18.3
8 19	23 40.32	− 4 37.0	4.235	5.154	5.2	18.1
8 29	23 36.53	− 5 18.5	4.172	5.147	3.3	18.0
9 8	23 32.20	− 6 2.6	4.137	5.140	1.2	17.8
9 18	23 27.64	− 6 46.9	4.133	5.133	1.2	17.8
9 28	23 23.19	− 7 28.7	4.158	5.126	3.2	18.0
10 8	23 19.19	− 8 5.7	4.213	5.119	5.2	18.1
10 18	23 15.95	− 8 36.1	4.294	5.112	7.0	18.2

476674 2008 TX_{47} 9 14.3 26°.47 3°.7/11.4 16

8 9	23 50.60	− 7 46.0	1.200	2.090	17.6	20.5
8 19	23 47.58	− 8 46.3	1.155	2.102	13.2	20.3
8 29	23 41.89	− 9 57.0	1.130	2.114	8.3	20.1
9 8	23 34.43	−11 8.7	1.127	2.128	4.1	19.9
9 18	23 26.37	−12 11.3	1.148	2.143	5.2	20.0
9 28	23 19.08	−12 56.2	1.193	2.158	9.6	20.3
10 8	23 13.68	−13 18.4	1.260	2.175	13.9	20.6
10 18	23 10.86	−13 17.0	1.346	2.192	17.6	20.9

320154 2007 FA_{22} 9 14.3 226°.59 1°.9/12.3 18

8 9	23 53.58	− 8 9.3	2.298	3.150	11.7	21.1
8 19	23 48.73	− 8 31.4	2.222	3.148	8.8	20.9
8 29	23 42.19	− 8 58.5	2.170	3.147	5.6	20.7
9 8	23 34.48	− 9 26.7	2.145	3.146	2.5	20.5
9 18	23 26.30	− 9 51.7	2.148	3.145	2.8	20.5
9 28	23 18.45	−10 9.3	2.180	3.144	6.0	20.8
10 8	23 11.69	−10 16.7	2.239	3.142	9.2	21.0
10 18	23 6.56	−10 12.2	2.322	3.141	12.1	21.1

121302 1999 RN_{203} 9 14.3 116°.17 4°.2/17.3 18

8 9	0 5.03	+ 6 41.7	1.974	2.762	15.7	19.0
8 19	23 57.68	+ 7 38.6	1.898	2.775	12.7	18.9
8 29	23 48.05	+ 8 21.9	1.845	2.787	9.2	18.7
9 8	23 36.82	+ 8 50.7	1.817	2.798	5.8	18.5
9 18	23 24.94	+ 9 5.5	1.819	2.810	4.2	18.4
9 28	23 13.53	+ 9 8.7	1.850	2.821	6.2	18.6
10 8	23 3.61	+ 9 4.7	1.909	2.831	9.5	18.8
10 18	22 55.94	+ 8 58.4	1.993	2.842	12.6	19.0

415696 1996 GC_5 9 14.3 45°.94 4°.7/11.4 17

8 9	23 58.23	−10 50.0	1.051	1.943	19.5	20.2
8 19	23 53.58	−11 31.5	1.014	1.960	14.6	20.0
8 29	23 45.77	−12 18.9	0.995	1.978	9.4	19.8
9 8	23 35.92	−13 2.5	0.997	1.997	5.2	19.6
9 18	23 25.55	−13 32.8	1.023	2.016	6.1	19.8
9 28	23 16.30	−13 42.9	1.072	2.036	10.6	20.1
10 8	23 9.46	−13 30.6	1.143	2.056	15.2	20.4
10 18	23 5.71	−12 57.1	1.232	2.077	19.0	20.7

357928 2005 WX_{144} 9 14.3 99°.42 6°.5/ 6.8 18

8 9	23 54.48	−22 57.6	2.284	3.146	11.4	20.6
8 19	23 49.41	−24 0.3	2.236	3.156	9.1	20.5
8 29	23 42.58	−24 57.9	2.212	3.165	7.2	20.4
9 8	23 34.62	−25 43.8	2.214	3.175	6.6	20.3
9 18	23 26.29	−26 12.8	2.243	3.184	7.6	20.4
9 28	23 18.45	−26 21.7	2.298	3.194	9.5	20.6
10 8	23 11.85	−26 9.7	2.378	3.203	11.7	20.7
10 18	23 7.03	−25 38.5	2.478	3.212	13.7	20.9

139082 2001 FD_{18} 9 14.3 86°.61 1°.0/15.1 17

8 9	23 55.26	+ 2 10.3	1.493	2.338	17.3	20.2
8 19	23 50.69	+ 1 41.1	1.435	2.353	13.3	20.0
8 29	23 43.72	+ 0 53.8	1.398	2.369	8.8	19.8
9 8	23 35.15	− 0 6.9	1.384	2.384	3.8	19.5
9 18	23 26.00	− 1 14.3	1.396	2.399	1.8	19.4
9 28	23 17.50	− 2 19.9	1.435	2.414	6.5	19.8
10 8	23 10.67	− 3 16.1	1.499	2.429	11.0	20.1
10 18	23 6.21	− 3 57.8	1.586	2.444	14.8	20.4

221786 2007 VA_8 9 14.3 217°.20 0°.3/13.7 17

8 9	23 43.64	− 2 54.2	4.432	5.263	6.9	20.6
8 19	23 40.54	− 3 24.3	4.347	5.262	5.2	20.4
8 29	23 36.67	− 3 59.2	4.288	5.261	3.3	20.3
9 8	23 32.27	− 4 37.1	4.258	5.260	1.2	20.1
9 18	23 27.66	− 5 15.5	4.257	5.259	1.0	20.1
9 28	23 23.18	− 5 52.3	4.287	5.258	3.0	20.3
10 8	23 19.15	− 6 25.0	4.346	5.257	4.9	20.4
10 18	23 15.86	− 6 52.0	4.432	5.256	6.7	20.5

320693 2008 DQ_1 9 14.3 101°.91 1°.3/15.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 57.52	+ 2 6.6	1.592	2.428	16.8	21.3
8 19	23 52.27	+ 1 52.3	1.532	2.444	13.0	21.1
8 29	23 44.67	+ 1 21.4	1.492	2.461	8.6	20.9
9 8	23 35.51	+ 0 37.9	1.477	2.476	3.9	20.7
9 18	23 25.80	− 0 12.8	1.489	2.492	1.8	20.6
9 28	23 16.71	− 1 3.6	1.528	2.507	6.2	20.9
10 8	23 9.27	− 1 47.8	1.593	2.522	10.5	21.2
10 18	23 4.17	− 2 20.6	1.681	2.536	14.2	21.5

483317 2015 WO_9 9 14.3 335°.44 5°.5/19.9 18

8 9	23 47.93	+13 26.8	1.852	2.644	16.4	20.3
8 19	23 45.07	+13 40.3	1.761	2.632	13.8	20.1
8 29	23 40.19	+13 31.7	1.689	2.620	10.7	19.9
9 8	23 33.83	+13 0.4	1.640	2.610	7.5	19.7
9 18	23 26.72	+12 8.3	1.614	2.599	5.6	19.6
9 28	23 19.84	+11 0.5	1.615	2.590	6.5	19.6
10 8	23 14.13	+ 9 44.7	1.641	2.581	9.5	19.8
10 18	23 10.32	+ 8 29.1	1.692	2.572	12.8	19.9

90577 2004 GK_{33} 9 14.3 214°.12 3°.1/11.5 18

8 9	23 56.56	− 9 5.2	1.867	2.725	13.7	20.6
8 19	23 51.48	− 9 53.5	1.789	2.719	10.4	20.4
8 29	23 44.21	−10 48.9	1.735	2.712	6.7	20.2
9 8	23 35.37	−11 45.2	1.706	2.705	3.5	20.0
9 18	23 25.85	−12 35.7	1.705	2.697	4.3	20.0
9 28	23 16.69	−13 14.1	1.732	2.689	7.9	20.2
10 8	23 8.89	−13 35.9	1.785	2.680	11.6	20.4
10 18	23 3.18	−13 39.7	1.860	2.671	14.9	20.6

331330 2012 BH_{15} 9 14.3 112°.09 3°.7/18.8 18

8 9	23 52.49	+10 43.0	2.568	3.343	12.8	20.4
8 19	23 47.75	+10 52.8	2.491	3.356	10.4	20.3
8 29	23 41.50	+10 47.8	2.435	3.367	7.8	20.1
9 8	23 34.23	+10 28.5	2.405	3.379	5.2	20.0
9 18	23 26.54	+ 9 57.0	2.402	3.390	3.7	19.9
9 28	23 19.14	+ 9 16.9	2.429	3.402	4.8	20.0
10 8	23 12.71	+ 8 32.9	2.483	3.413	7.2	20.2
10 18	23 7.75	+ 7 49.7	2.564	3.423	9.8	20.4

424399 2007 YX_{71} 9 14.3 92°.29 3°.9/17.5 17

8 9	23 56.59	+ 7 37.8	1.488	2.309	18.5	21.2
8 19	23 51.85	+ 7 48.9	1.422	2.320	14.8	21.0
8 29	23 44.58	+ 7 38.3	1.376	2.330	10.6	20.8
9 8	23 35.54	+ 7 7.4	1.352	2.341	6.3	20.6
9 18	23 25.79	+ 6 20.2	1.353	2.351	3.9	20.5
9 28	23 16.61	+ 5 23.7	1.381	2.361	6.6	20.7
10 8	23 9.14	+ 4 26.5	1.434	2.371	10.8	20.9
10 18	23 4.15	+ 3 35.8	1.509	2.381	14.6	21.2

231568 2008 TJ_{164} 9 14.3 34°.10 9°.9/ 4.3 18

8 9	23 52.51	−23 41.8	1.488	2.374	15.1	19.0
8 19	23 48.86	−25 41.4	1.449	2.380	12.3	18.8
8 29	23 42.68	−27 34.2	1.432	2.386	10.3	18.7
9 8	23 34.77	−29 7.8	1.438	2.393	10.0	18.7
9 18	23 26.26	−30 12.5	1.468	2.399	11.6	18.8
9 28	23 18.43	−30 42.8	1.521	2.407	14.1	19.0
10 8	23 12.36	−30 38.6	1.593	2.414	16.7	19.2
10 18	23 8.77	−30 3.6	1.683	2.422	19.0	19.4

356421 2010 VC_{13} 9 14.3 310°.37 3°.8/ 7.1 16

8 9	23 46.68	−21 30.9	4.010	4.867	7.0	20.2
8 19	23 42.95	−22 9.0	3.939	4.859	5.5	20.1
8 29	23 38.25	−22 44.6	3.895	4.851	4.3	20.0
9 8	23 32.92	−23 14.8	3.878	4.843	3.8	19.9
9 18	23 27.33	−23 36.7	3.889	4.835	4.5	20.0
9 28	23 21.91	−23 48.2	3.928	4.827	5.8	20.1
10 8	23 17.08	−23 48.2	3.993	4.820	7.3	20.2
10 18	23 13.17	−23 36.4	4.082	4.812	8.8	20.3

252908 2002 JC_{142} 9 14.3 161°.51 0°.1/14.3 17

8 9	23 56.73	− 0 21.9	1.734	2.574	15.4	22.0
8 19	23 51.64	− 0 55.5	1.662	2.579	11.8	21.8
8 29	23 44.31	− 1 43.7	1.612	2.585	7.6	21.5
9 8	23 35.41	− 2 41.9	1.587	2.589	3.0	21.3
9 18	23 25.87	− 3 43.8	1.590	2.593	1.8	21.2
9 28	23 16.80	− 4 42.2	1.620	2.596	6.4	21.5
10 8	23 9.19	− 5 30.6	1.677	2.598	10.6	21.8
10 18	23 3.77	− 6 4.9	1.758	2.600	14.3	22.0

148150 1999 XK_{79} 9 14.3 328°.08 3°.2/12.1 18 R

8 9	23 49.89	− 6 51.7	1.123	2.017	18.3	19.8
8 19	23 47.70	− 7 30.9	1.048	1.997	14.0	19.5
8 29	23 42.47	− 8 24.5	0.992	1.978	9.0	19.2
9 8	23 34.89	− 9 24.8	0.957	1.960	4.1	18.8
9 18	23 26.11	−10 21.7	0.945	1.943	4.9	18.8
9 28	23 17.71	−11 4.5	0.955	1.927	10.2	19.1
10 8	23 11.22	−11 25.4	0.986	1.913	15.6	19.3
10 18	23 7.69	−11 21.2	1.035	1.900	20.3	19.6

14828 1986 QT_1 9 14.3 327°.48 1°.1/13.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 51.00	− 3 56.6	1.203	2.085	18.2	17.7
8 19	23 48.40	− 4 9.7	1.122	2.064	14.0	17.4
8 29	23 42.87	− 4 37.5	1.061	2.044	9.1	17.1
9 8	23 35.04	− 5 15.2	1.021	2.025	3.5	16.7
9 18	23 26.02	− 5 55.4	1.005	2.007	2.9	16.6
9 28	23 17.32	− 6 29.4	1.012	1.990	8.7	16.9
10 8	23 10.41	− 6 49.5	1.040	1.974	14.2	17.2
10 18	23 6.35	− 6 51.1	1.088	1.960	19.0	17.4

389522 2010 GB_{161} 9 14.3 107°.27 0°.3/14.0 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 51.51	+ 0 51.2	2.061	2.896	13.5	21.8
8 19	23 47.26	− 0 17.3	1.997	2.913	10.2	21.6
8 29	23 41.28	− 1 40.0	1.958	2.930	6.5	21.4
9 8	23 34.16	− 3 11.4	1.945	2.947	2.5	21.2
9 18	23 26.62	− 4 44.7	1.960	2.963	1.7	21.1
9 28	23 19.51	− 6 12.5	2.005	2.978	5.6	21.4
10 8	23 13.58	− 7 28.4	2.078	2.994	9.2	21.7
10 18	23 9.36	− 8 28.5	2.175	3.009	12.2	21.9

364541 2007 FJ_{50} 9 14.3 261°.75 4°.7/ 8.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 50.26	−15 39.8	2.326	3.195	11.0	20.4
8 19	23 46.31	−16 51.5	2.257	3.190	8.4	20.3
8 29	23 40.71	−18 4.7	2.213	3.185	6.0	20.1
9 8	23 33.96	−19 13.1	2.196	3.179	4.7	20.0
9 18	23 26.72	−20 10.7	2.206	3.174	5.8	20.1
9 28	23 19.78	−20 52.4	2.244	3.169	8.3	20.2
10 8	23 13.87	−21 15.4	2.306	3.164	10.9	20.4
10 18	23 9.54	−21 19.1	2.390	3.159	13.3	20.6

481280 2005 YA_{46} 9 14.3 209°.59 5°.7/ 5.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 50.92	−21 26.5	2.709	3.571	9.8	21.5
8 19	23 46.64	−22 50.0	2.645	3.566	7.8	21.3
8 29	23 40.84	−24 11.5	2.606	3.561	6.2	21.2
9 8	23 33.99	−25 24.5	2.595	3.555	5.8	21.2
9 18	23 26.70	−26 23.7	2.612	3.550	6.8	21.2
9 28	23 19.67	−27 4.8	2.656	3.543	8.7	21.4
10 8	23 13.56	−27 26.1	2.724	3.537	10.8	21.5
10 18	23 8.89	−27 27.6	2.814	3.530	12.6	21.6

360695 2004 SH_{49} 9 14.3 349°.60 10°.5/ 5.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 59.42	−30 39.3	1.715	2.575	14.7	19.8
8 19	23 53.89	−31 31.1	1.663	2.569	12.5	19.7
8 29	23 45.79	−32 9.7	1.631	2.564	10.9	19.6
9 8	23 35.97	−32 26.0	1.623	2.559	10.5	19.6
9 18	23 25.60	−32 13.9	1.638	2.555	11.6	19.6
9 28	23 16.00	−31 30.8	1.677	2.552	13.6	19.7
10 8	23 8.26	−30 18.8	1.737	2.549	15.9	19.9
10 18	23 3.09	−28 43.0	1.815	2.547	18.1	20.1

236030 2005 GL_{154} 9 14.3 171°.90 0°.6/15.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 51.34	+ 2 12.2	2.227	3.053	12.9	21.2
8 19	23 47.13	+ 1 28.4	2.147	3.056	10.0	21.0
8 29	23 41.24	+ 0 30.5	2.090	3.058	6.5	20.8
9 8	23 34.17	− 0 37.8	2.059	3.059	2.8	20.6
9 18	23 26.61	− 1 51.3	2.057	3.061	1.3	20.5
9 28	23 19.34	− 3 3.8	2.085	3.061	5.1	20.7
10 8	23 13.13	− 4 9.4	2.140	3.062	8.6	21.0
10 18	23 8.53	− 5 3.5	2.219	3.062	11.7	21.2

51408 2001 EQ_6 9 14.3 70°.82 2°.6/12.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 56.55	− 6 19.6	1.368	2.238	17.1	19.5
8 19	23 51.77	− 7 8.4	1.320	2.257	12.8	19.3
8 29	23 44.44	− 8 7.7	1.294	2.275	8.0	19.1
9 8	23 35.44	− 9 9.6	1.291	2.293	3.5	18.9
9 18	23 25.93	−10 5.7	1.314	2.312	4.0	19.0
9 28	23 17.21	−10 48.2	1.363	2.330	8.4	19.3
10 8	23 10.38	−11 12.4	1.436	2.349	12.7	19.6
10 18	23 6.09	−11 16.9	1.529	2.367	16.3	19.9

506851 2007 UX_{100} 9 14.3 178°.79 3°.3/18.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 51.88	+ 9 29.1	2.260	3.051	13.9	21.4
8 19	23 47.57	+ 9 19.0	2.174	3.052	11.2	21.2
8 29	23 41.55	+ 8 51.7	2.110	3.053	8.2	21.0
9 8	23 34.31	+ 8 8.5	2.070	3.053	5.0	20.8
9 18	23 26.54	+ 7 12.5	2.058	3.053	3.3	20.7
9 28	23 19.04	+ 6 8.7	2.075	3.053	5.0	20.8
10 8	23 12.58	+ 5 3.4	2.120	3.052	8.1	21.0
10 18	23 7.76	+ 4 2.3	2.190	3.051	11.1	21.2

155883 2001 FU_{38} 9 14.3 204°.95 1°.8/16.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 50.01	+ 5 46.6	2.768	3.569	11.3	20.4
8 19	23 45.86	+ 5 26.9	2.676	3.565	9.0	20.2
8 29	23 40.32	+ 4 54.5	2.607	3.561	6.2	20.0
9 8	23 33.81	+ 4 11.4	2.565	3.557	3.4	19.8
9 18	23 26.86	+ 3 20.5	2.551	3.552	1.8	19.7
9 28	23 20.10	+ 2 26.1	2.568	3.546	4.1	19.9
10 8	23 14.16	+ 1 32.6	2.613	3.541	7.0	20.0
10 18	23 9.51	+ 0 44.2	2.684	3.535	9.6	20.2

184044 2004 FM_{86} 9 14.3 70°.52 4°.9/10.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 54.14	−11 3.7	1.432	2.312	15.9	19.9
8 19	23 49.99	−12 23.3	1.382	2.323	11.9	19.7
8 29	23 43.36	−13 49.3	1.354	2.334	7.8	19.5
9 8	23 35.06	−15 11.9	1.350	2.345	5.0	19.3
9 18	23 26.18	−16 21.5	1.371	2.356	6.3	19.4
9 28	23 17.98	−17 10.0	1.418	2.367	10.0	19.7
10 8	23 11.52	−17 33.9	1.488	2.379	13.8	19.9
10 18	23 7.51	−17 32.9	1.577	2.390	17.1	20.2

217811 2001 AB_{19} 9 14.3 215°.17 5°.2/ 7.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 49.78	−16 12.2	2.285	3.156	11.1	19.8
8 19	23 45.99	−17 42.3	2.222	3.155	8.5	19.6
8 29	23 40.53	−19 13.8	2.183	3.153	6.2	19.5
9 8	23 33.92	−20 39.8	2.172	3.152	5.2	19.4
9 18	23 26.82	−21 53.3	2.188	3.150	6.4	19.5
9 28	23 20.03	−22 48.8	2.232	3.148	8.8	19.6
10 8	23 14.28	−23 23.4	2.300	3.147	11.3	19.8
10 18	23 10.13	−23 36.6	2.390	3.145	13.6	20.0

296901 2010 CL_{12} 9 14.3 97°.89 1°.9/12.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 53.76	− 5 27.9	1.755	2.614	14.4	20.7
8 19	23 49.32	− 6 12.7	1.691	2.621	10.9	20.5
8 29	23 42.79	− 7 7.5	1.649	2.628	6.8	20.3
9 8	23 34.82	− 8 6.3	1.632	2.635	2.8	20.1
9 18	23 26.31	− 9 2.4	1.643	2.642	3.1	20.1
9 28	23 18.28	− 9 49.2	1.681	2.648	7.1	20.4
10 8	23 11.65	−10 21.7	1.745	2.655	11.0	20.6
10 18	23 7.09	−10 37.5	1.831	2.662	14.3	20.8

135012 2001 KX_{12} 9 14.3 58°.98 3°.4/17.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 51.15	+ 9 33.6	1.701	2.514	16.9	19.4
8 19	23 47.35	+ 9 9.7	1.641	2.533	13.5	19.2
8 29	23 41.50	+ 8 23.3	1.601	2.552	9.6	19.0
9 8	23 34.30	+ 7 17.5	1.585	2.572	5.7	18.8
9 18	23 26.62	+ 5 57.6	1.594	2.591	3.4	18.7
9 28	23 19.47	+ 4 31.7	1.630	2.611	5.7	18.9
10 8	23 13.73	+ 3 8.4	1.693	2.631	9.4	19.2
10 18	23 10.00	+ 1 54.8	1.780	2.651	12.8	19.4

303620 2005 JR_{50} 9 14.3 27°.18 3°.9/10.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 52.92	−10 57.7	1.703	2.576	14.1	20.5
8 19	23 48.77	−11 48.4	1.642	2.580	10.6	20.3
8 29	23 42.47	−12 44.3	1.604	2.583	6.9	20.1
9 8	23 34.70	−13 38.4	1.590	2.588	4.1	19.9
9 18	23 26.38	−14 23.7	1.603	2.592	5.1	20.0
9 28	23 18.56	−14 54.0	1.643	2.597	8.5	20.2
10 8	23 12.19	−15 5.9	1.706	2.602	12.1	20.5
10 18	23 7.92	−14 58.6	1.791	2.607	15.2	20.7

393763 2005 GA_{76} 9 14.3 73°.90 0°.8/13.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 53.86	− 3 24.7	1.847	2.698	14.2	21.4
8 19	23 49.31	− 3 49.0	1.779	2.704	10.8	21.2
8 29	23 42.75	− 4 23.6	1.733	2.710	6.8	21.0
9 8	23 34.81	− 5 4.2	1.713	2.716	2.6	20.7
9 18	23 26.33	− 5 45.4	1.720	2.722	2.1	20.7
9 28	23 18.29	− 6 21.5	1.755	2.728	6.2	21.0
10 8	23 11.60	− 6 47.8	1.816	2.735	10.1	21.2
10 18	23 6.87	− 7 1.4	1.900	2.741	13.4	21.5

484910 2009 RO_{73} 9 14.3 10°.22 2°.5/12.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 53.84	− 9 38.9	2.041	2.901	12.7	20.7
8 19	23 49.14	− 9 58.7	1.972	2.902	9.5	20.5
8 29	23 42.57	−10 22.7	1.925	2.904	6.1	20.3
9 8	23 34.72	−10 46.5	1.905	2.905	3.0	20.1
9 18	23 26.38	−11 5.3	1.912	2.907	3.5	20.2
9 28	23 18.45	−11 15.0	1.948	2.909	6.8	20.4
10 8	23 11.75	−11 12.8	2.009	2.912	10.1	20.6
10 18	23 6.88	−10 57.6	2.093	2.915	13.1	20.8

402194 2004 TU_{203} 9 14.3 276°.56 6°.4/ 7.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 55.61	−22 56.6	2.393	3.251	11.1	20.9
8 19	23 50.44	−23 48.5	2.314	3.232	8.9	20.8
8 29	23 43.42	−24 36.6	2.260	3.213	7.1	20.6
9 8	23 35.08	−25 14.4	2.231	3.194	6.4	20.6
9 18	23 26.15	−25 36.5	2.230	3.174	7.4	20.6
9 28	23 17.53	−25 39.1	2.255	3.155	9.5	20.7
10 8	23 10.03	−25 20.9	2.305	3.135	11.9	20.8
10 18	23 4.29	−24 42.9	2.376	3.115	14.1	20.9

437283 2013 AT_{96} 9 14.3 261°.01 1°.8/10.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 44.69	−11 35.1	4.342	5.194	6.6	21.4
8 19	23 41.38	−12 9.4	4.262	5.189	5.0	21.2
8 29	23 37.24	−12 45.3	4.210	5.185	3.2	21.1
9 8	23 32.55	−13 20.4	4.185	5.180	1.9	21.0
9 18	23 27.64	−13 52.3	4.191	5.176	2.4	21.0
9 28	23 22.85	−14 18.6	4.225	5.171	4.0	21.2
10 8	23 18.55	−14 37.6	4.288	5.167	5.8	21.3
10 18	23 15.03	−14 48.1	4.377	5.162	7.4	21.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
378696 2008 KU_{38}			9 14.3 126°.75	2°.1/12.4 17		
	h m	° ′			°	m
8 9	23 56.35	− 5 51.7	1.782	2.636	14.5	21.6
8 19	23 51.21	− 6 41.9	1.722	2.649	10.9	21.4
8 29	23 43.95	− 7 41.3	1.684	2.662	6.8	21.2
9 8	23 35.27	− 8 44.0	1.672	2.674	2.9	21.0
9 18	23 26.08	− 9 42.8	1.688	2.685	3.3	21.0
9 28	23 17.44	−10 31.3	1.732	2.696	7.2	21.3
10 8	23 10.26	−11 4.8	1.801	2.707	11.0	21.5
10 18	23 5.19	−11 21.2	1.893	2.717	14.2	21.8
209249 2003 WT_{131}			9 14.3 272°.63	2°.2/16.4 18		
8 9	23 52.65	+ 4 40.0	1.898	2.722	14.9	20.7
8 19	23 48.54	+ 4 34.2	1.810	2.713	11.8	20.5
8 29	23 42.38	+ 4 12.1	1.744	2.705	8.2	20.2
9 8	23 34.72	+ 3 35.7	1.702	2.696	4.3	20.0
9 18	23 26.35	+ 2 48.6	1.687	2.688	2.3	19.8
9 28	23 18.24	+ 1 56.7	1.699	2.679	5.6	20.0
10 8	23 11.34	+ 1 6.3	1.738	2.670	9.5	20.3
10 18	23 6.37	+ 0 23.2	1.800	2.662	13.1	20.5
140155 2001 SE_{168}			9 14.3 33°.61	1°.5/12.9 18		
8 9	23 52.33	− 5 11.8	1.866	2.724	13.8	19.9
8 19	23 48.17	− 5 45.8	1.797	2.727	10.4	19.7
8 29	23 42.03	− 6 29.0	1.751	2.730	6.5	19.5
9 8	23 34.54	− 7 16.4	1.731	2.733	2.6	19.3
9 18	23 26.50	− 8 2.4	1.737	2.737	2.7	19.3
9 28	23 18.89	− 8 41.0	1.771	2.741	6.6	19.5
10 8	23 12.56	− 9 7.7	1.831	2.745	10.3	19.8
10 18	23 8.14	− 9 19.8	1.913	2.749	13.6	20.0
14254 2000 AT_{64}			9 14.3 253°.07	1°.1/15.5 18		
8 9	23 52.78	+ 1 20.9	2.478	3.299	11.9	17.9
8 19	23 48.13	+ 1 20.0	2.386	3.291	9.3	17.7
8 29	23 41.87	+ 1 8.9	2.319	3.283	6.2	17.5
9 8	23 34.47	+ 0 49.7	2.277	3.275	2.9	17.3
9 18	23 26.53	+ 0 24.9	2.265	3.267	1.4	17.1
9 28	23 18.81	− 0 1.5	2.281	3.259	4.6	17.4
10 8	23 12.03	− 0 25.7	2.325	3.251	7.9	17.5
10 18	23 6.74	− 0 44.2	2.395	3.242	10.8	17.7
397379 2006 UO_{358}			9 14.3 334°.05	0°.8/13.6 18		
8 9	23 51.97	− 3 26.0	1.811	2.666	14.2	21.5
8 19	23 48.03	− 3 51.2	1.734	2.661	10.8	21.3
8 29	23 42.03	− 4 27.3	1.680	2.657	6.9	21.1
9 8	23 34.57	− 5 10.1	1.650	2.653	2.6	20.8
9 18	23 26.48	− 5 54.0	1.647	2.649	2.2	20.7
9 28	23 18.73	− 6 32.9	1.671	2.645	6.4	21.0
10 8	23 12.28	− 7 1.7	1.721	2.642	10.4	21.3
10 18	23 7.79	− 7 17.1	1.794	2.639	13.9	21.5
354347 2003 FJ_{109}			9 14.3 121°.44	5°.5/ 8.3 18		
8 9	23 56.93	−20 40.8	2.415	3.271	11.1	21.2
8 19	23 51.13	−21 27.6	2.363	3.283	8.7	21.0
8 29	23 43.65	−22 10.7	2.336	3.296	6.5	20.9
9 8	23 35.10	−22 44.4	2.336	3.308	5.5	20.9
9 18	23 26.22	−23 4.0	2.364	3.319	6.4	21.0
9 28	23 17.84	−23 6.6	2.420	3.331	8.4	21.1
10 8	23 10.67	−22 51.6	2.500	3.342	10.7	21.3
10 18	23 5.24	−22 20.0	2.603	3.352	12.8	21.5
238552 2004 WS_{7}			9 14.3 269°.55	9°.0/ 5.7 18		
8 9	23 57.54	−25 16.0	1.755	2.623	14.0	20.3
8 19	23 52.50	−26 34.0	1.695	2.615	11.5	20.1
8 29	23 44.99	−27 45.4	1.658	2.607	9.6	20.0
9 8	23 35.75	−28 40.3	1.645	2.598	9.1	20.0
9 18	23 25.82	−29 10.8	1.657	2.590	10.4	20.0
9 28	23 16.43	−29 12.3	1.693	2.581	12.7	20.2
10 8	23 8.70	−28 44.5	1.750	2.572	15.4	20.3
10 18	23 3.36	−27 50.5	1.826	2.564	17.8	20.5
477477 2010 AX_{21}			9 14.3 130°.64	7°.3/21.8 18		
8 9	23 57.42	+18 33.9	2.082	2.816	16.6	21.2
8 19	23 52.01	+19 18.9	2.004	2.827	14.2	21.1
8 29	23 44.53	+19 42.2	1.945	2.837	11.6	20.9
9 8	23 35.55	+19 42.0	1.909	2.847	9.0	20.8
9 18	23 25.93	+19 18.5	1.898	2.856	7.4	20.7
9 28	23 16.65	+18 35.0	1.913	2.865	7.7	20.7
10 8	23 8.66	+17 38.0	1.956	2.874	9.5	20.9
10 18	23 2.67	+16 34.7	2.023	2.882	12.0	21.1
64925 2001 YB_{107}			9 14.3 233°.28	4°.0/ 9.4 18		
8 9	23 50.10	−11 57.5	2.183	3.050	11.7	20.0
8 19	23 46.30	−13 16.6	2.113	3.048	8.8	19.8
8 29	23 40.77	−14 40.6	2.068	3.045	5.9	19.7
9 8	23 34.05	−16 2.7	2.050	3.041	4.1	19.5
9 18	23 26.81	−17 16.1	2.059	3.038	5.2	19.6
9 28	23 19.88	−18 14.7	2.097	3.035	8.0	19.8
10 8	23 14.01	−18 54.6	2.159	3.032	10.9	20.0
10 18	23 9.80	−19 14.5	2.244	3.028	13.5	20.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
157231 2004 RL_{75}			9 14.3 303°.26	0°.2/14.2 18		
	h m	° ′			°	m
8 9	23 47.52	+ 1 1.1	2.076	2.918	13.2	19.9
8 19	23 44.50	+ 0 0.2	1.984	2.903	10.1	19.7
8 29	23 39.72	− 1 16.8	1.916	2.889	6.5	19.4
9 8	23 33.67	− 2 45.4	1.873	2.875	2.6	19.1
9 18	23 27.01	− 4 19.4	1.858	2.861	1.6	19.0
9 28	23 20.55	− 5 50.9	1.872	2.847	5.7	19.3
10 8	23 15.10	− 7 12.9	1.913	2.834	9.6	19.5
10 18	23 11.29	− 8 19.8	1.978	2.821	12.9	19.7
411617 2011 SN_{183}			9 14.3 24°.52	0°.4/14.6 17		
8 9	23 47.03	+ 2 20.1	0.826	1.722	23.0	20.8
8 19	23 45.77	+ 1 31.8	0.785	1.731	17.7	20.5
8 29	23 41.21	+ 0 13.5	0.759	1.743	11.5	20.2
9 8	23 34.35	− 1 25.6	0.752	1.756	4.7	19.9
9 18	23 26.68	− 3 11.8	0.766	1.770	2.4	19.8
9 28	23 19.93	− 4 48.9	0.801	1.786	9.0	20.3
10 8	23 15.54	− 6 4.3	0.856	1.803	14.8	20.7
10 18	23 14.25	− 6 51.5	0.929	1.821	19.7	21.0
13860 Neely			9 14.3 25°.75	7°.4/ 5.9 18		R
8 9	23 48.29	−18 31.7	1.664	2.552	13.6	16.0
8 19	23 45.35	−20 27.1	1.624	2.563	10.6	15.9
8 29	23 40.31	−22 20.9	1.606	2.574	8.1	15.8
9 8	23 33.88	−24 2.4	1.614	2.586	7.5	15.7
9 18	23 26.94	−25 22.7	1.647	2.599	9.0	15.9
9 28	23 20.55	−26 15.4	1.705	2.612	11.6	16.1
10 8	23 15.58	−26 38.7	1.784	2.626	14.3	16.3
10 18	23 12.65	−26 34.1	1.882	2.640	16.7	16.5
240409 2003 UE_{237}			9 14.3 252°.30	5°.8/ 8.6 18		
8 9	23 54.53	−16 41.7	1.877	2.748	13.1	20.3
8 19	23 49.96	−17 47.7	1.810	2.742	10.1	20.1
8 29	23 43.26	−18 54.6	1.766	2.736	7.3	20.0
9 8	23 35.06	−19 54.5	1.747	2.730	5.8	19.9
9 18	23 26.24	−20 40.2	1.755	2.724	7.0	19.9
9 28	23 17.84	−21 6.1	1.789	2.718	9.8	20.1
10 8	23 10.81	−21 9.6	1.848	2.712	12.9	20.3
10 18	23 5.83	−20 51.3	1.927	2.705	15.6	20.4
400326 2007 TS_{432}			9 14.3 205°.27	1°.2/15.8 18		
8 9	23 52.47	+ 3 22.6	2.538	3.350	11.9	22.6
8 19	23 47.86	+ 2 56.7	2.446	3.344	9.3	22.4
8 29	23 41.69	+ 2 18.2	2.377	3.338	6.3	22.2
9 8	23 34.41	+ 1 29.4	2.335	3.332	3.0	22.0
9 18	23 26.61	+ 0 34.1	2.322	3.324	1.4	21.8
9 28	23 19.03	− 0 22.9	2.339	3.316	4.5	22.0
10 8	23 12.35	− 1 16.6	2.384	3.308	7.8	22.2
10 18	23 7.14	− 2 2.9	2.455	3.299	10.7	22.4
211495 2003 OM_{7}			9 14.3 48°.97	1°.0/15.1 18		
8 9	23 52.52	+ 2 54.3	1.151	2.016	20.0	19.8
8 19	23 49.20	+ 2 14.4	1.101	2.029	15.5	19.6
8 29	23 43.07	+ 1 10.7	1.069	2.044	10.2	19.3
9 8	23 35.02	− 0 10.7	1.058	2.059	4.4	19.1
9 18	23 26.30	− 1 39.9	1.071	2.074	2.0	19.0
9 28	23 18.35	− 3 5.2	1.108	2.090	7.5	19.4
10 8	23 12.40	− 4 16.4	1.169	2.107	12.7	19.7
10 18	23 9.18	− 5 7.2	1.250	2.123	17.0	20.0
482185 2010 UN_{51}			9 14.3 201°.80	7°.6/ 5.2 18		
8 9	23 56.32	−28 15.5	2.473	3.323	11.0	20.9
8 19	23 50.84	−29 15.3	2.418	3.322	9.2	20.7
8 29	23 43.57	−30 7.2	2.387	3.320	7.9	20.7
9 8	23 35.12	−30 44.6	2.382	3.318	7.6	20.6
9 18	23 26.25	−31 2.8	2.403	3.315	8.6	20.7
9 28	23 17.82	−30 58.8	2.450	3.313	10.2	20.8
10 8	23 10.62	−30 32.8	2.519	3.311	12.1	20.9
10 18	23 5.21	−29 46.8	2.610	3.308	13.9	21.1
439427 2013 EL_{60}			9 14.3 344°.30	0°.1/14.4 18		
8 9	23 51.44	− 1 10.2	1.840	2.689	14.3	20.5
8 19	23 47.60	− 1 30.2	1.763	2.686	11.0	20.3
8 29	23 41.75	− 2 2.6	1.708	2.682	7.1	20.0
9 8	23 34.48	− 2 43.8	1.678	2.680	2.8	19.8
9 18	23 26.59	− 3 28.6	1.674	2.677	1.6	19.7
9 28	23 19.04	− 4 11.1	1.698	2.675	6.0	20.0
10 8	23 12.75	− 4 45.7	1.747	2.673	10.0	20.2
10 18	23 8.38	− 5 8.6	1.820	2.671	13.5	20.4
370215 2002 JK_{17}			9 14.3 65°.31	2°.0/12.9 17		
8 9	23 59.46	− 5 28.6	1.248	2.118	18.4	21.1
8 19	23 54.07	− 6 2.3	1.208	2.143	13.8	20.9
8 29	23 45.94	− 6 47.3	1.188	2.168	8.7	20.6
9 8	23 36.07	− 7 36.1	1.191	2.194	3.5	20.4
9 18	23 25.77	− 8 20.4	1.219	2.219	3.5	20.5
9 28	23 16.45	− 8 53.0	1.273	2.244	8.3	20.9
10 8	23 9.27	− 9 9.2	1.350	2.269	12.8	21.2
10 18	23 4.85	− 9 7.7	1.448	2.294	16.6	21.5

283010 2007 UG_{83} 9 14.3 4°.69 5°.1/19.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 48.05	+11 32.5	1.455	2.275	18.9	20.5
8 19	23 45.55	+11 35.4	1.382	2.274	15.5	20.2
8 29	23 40.69	+11 11.8	1.328	2.275	11.6	20.0
9 8	23 34.12	+10 22.2	1.295	2.276	7.6	19.8
9 18	23 26.80	+ 9 10.9	1.286	2.279	5.1	19.7
9 28	23 19.89	+ 7 45.7	1.301	2.282	6.8	19.8
10 8	23 14.50	+ 6 17.3	1.341	2.286	10.6	20.0
10 18	23 11.39	+ 4 55.3	1.404	2.291	14.5	20.3

117886 2694 *P–L* 9 14.4 336°.17 1°.9/13.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 52.23	− 5 58.3	1.165	2.051	18.3	19.3
8 19	23 49.37	− 6 8.9	1.092	2.036	14.1	19.0
8 29	23 43.51	− 6 31.5	1.038	2.022	9.0	18.7
9 8	23 35.35	− 7 0.3	1.005	2.009	3.6	18.4
9 18	23 26.07	− 7 27.9	0.995	1.997	3.5	18.3
9 28	23 17.25	− 7 46.3	1.009	1.986	9.0	18.6
10 8	23 10.33	− 7 49.3	1.044	1.976	14.4	18.9
10 18	23 6.34	− 7 34.0	1.099	1.968	19.0	19.1

96381 1998 BS_5 9 14.4 95°.09 3°.0/11.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 55.45	− 6 13.9	1.440	2.310	16.4	19.8
8 19	23 50.94	− 7 24.2	1.388	2.324	12.3	19.6
8 29	23 43.97	− 8 46.0	1.357	2.338	7.7	19.4
9 8	23 35.35	−10 10.6	1.351	2.352	3.6	19.2
9 18	23 26.15	−11 28.3	1.371	2.366	4.4	19.2
9 28	23 17.64	−12 30.6	1.416	2.379	8.7	19.5
10 8	23 10.88	−13 11.9	1.486	2.393	12.8	19.8
10 18	23 6.55	−13 30.4	1.577	2.405	16.4	20.1

198536 2004 XW_{110} 9 14.4 1°.53 21°.8/ 1.5 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 53.73	−43 7.5	0.838	1.723	23.7	17.6
8 19	23 51.81	−44 23.5	0.816	1.717	22.5	17.5
8 29	23 45.33	−44 58.9	0.808	1.714	21.8	17.5
9 8	23 35.94	−44 39.1	0.813	1.715	21.9	17.5
9 18	23 25.94	−43 17.5	0.832	1.719	22.8	17.6
9 28	23 17.70	−40 56.6	0.866	1.726	24.3	17.7
10 8	23 12.77	−37 48.3	0.913	1.736	26.0	17.9
10 18	23 11.66	−34 7.6	0.975	1.749	27.8	18.1

17956 Andrewlenoir 9 14.4 201°.77 0°.8/15.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 55.33	+ 1 48.7	1.556	2.398	16.8	19.2
8 19	23 50.95	+ 1 20.7	1.479	2.396	13.1	18.9
8 29	23 44.11	+ 0 34.3	1.423	2.394	8.6	18.7
9 8	23 35.48	− 0 26.2	1.391	2.391	3.7	18.4
9 18	23 26.04	− 1 34.6	1.385	2.388	1.7	18.2
9 28	23 17.01	− 2 42.5	1.406	2.385	6.7	18.5
10 8	23 9.54	− 3 41.7	1.452	2.381	11.3	18.8
10 18	23 4.43	− 4 26.5	1.521	2.377	15.4	19.0

85807 1998 WR_{10} 9 14.4 285°.45 5°.2/26.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 44.65	+27 36.5	4.489	5.119	9.5	19.3
8 19	23 41.47	+27 43.9	4.382	5.113	8.5	19.2
8 29	23 37.38	+27 37.5	4.295	5.106	7.4	19.1
9 8	23 32.67	+27 16.8	4.230	5.099	6.3	19.1
9 18	23 27.68	+26 42.2	4.189	5.093	5.5	19.0
9 28	23 22.80	+25 54.9	4.176	5.086	5.2	19.0
10 8	23 18.42	+24 57.8	4.189	5.080	5.6	19.0
10 18	23 14.86	+23 54.1	4.230	5.073	6.6	19.1

325581 2009 SK_{137} 9 14.4 339°.40 2°.5/11.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 53.04	− 9 43.2	2.171	3.030	12.1	21.0
8 19	23 48.49	−10 8.7	2.097	3.027	9.1	20.8
8 29	23 42.16	−10 38.5	2.046	3.024	5.8	20.6
9 8	23 34.62	−11 8.2	2.022	3.022	2.9	20.4
9 18	23 26.57	−11 33.1	2.026	3.019	3.5	20.5
9 28	23 18.86	−11 48.8	2.057	3.017	6.6	20.7
10 8	23 12.29	−11 52.5	2.115	3.015	9.8	20.9
10 18	23 7.44	−11 42.9	2.196	3.014	12.7	21.1

166505 2002 QU_{22} 9 14.4 354°.78 1°.5/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 53.46	+ 1 33.6	1.638	2.481	16.0	19.4
8 19	23 49.38	+ 1 34.8	1.563	2.480	12.5	19.2
8 29	23 43.02	+ 1 21.0	1.509	2.478	8.4	18.9
9 8	23 35.03	+ 0 54.8	1.478	2.477	3.9	18.7
9 18	23 26.32	+ 0 20.6	1.473	2.476	1.9	18.5
9 28	23 18.01	− 0 15.7	1.495	2.476	6.1	18.8
10 8	23 11.15	− 0 47.9	1.542	2.476	10.5	19.1
10 18	23 6.48	− 1 11.0	1.612	2.476	14.3	19.3

220804 2004 TO_{241} 9 14.4 292°.08 2°.5/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 52.11	+ 5 23.8	2.241	3.052	13.4	20.1
8 19	23 47.83	+ 5 29.5	2.152	3.046	10.6	19.9
8 29	23 41.80	+ 5 21.5	2.085	3.040	7.5	19.6
9 8	23 34.50	+ 5 1.2	2.043	3.034	4.2	19.4
9 18	23 26.63	+ 4 31.1	2.028	3.027	2.5	19.3
9 28	23 18.98	+ 3 55.4	2.042	3.021	4.9	19.5
10 8	23 12.36	+ 3 19.0	2.083	3.015	8.2	19.7
10 18	23 7.37	+ 2 46.6	2.150	3.009	11.4	19.9

28413 1999 UT_{26} 9 14.4 67°.87 1°.1/15.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 54.71	+ 1 14.1	1.748	2.586	15.4	18.4
8 19	23 50.15	+ 1 8.6	1.675	2.589	12.0	18.2
8 29	23 43.41	+ 0 48.9	1.624	2.593	8.0	18.0
9 8	23 35.16	+ 0 17.9	1.597	2.596	3.6	17.7
9 18	23 26.27	− 0 19.8	1.597	2.600	1.7	17.6
9 28	23 17.82	− 0 58.4	1.625	2.604	5.9	17.9
10 8	23 10.76	− 1 32.2	1.678	2.608	10.0	18.2
10 18	23 5.81	− 1 56.5	1.755	2.612	13.6	18.4

219057 1996 RA_{30} 9 14.4 332°.94 1°.3/12.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 46.57	− 8 46.1	4.008	4.853	7.3	19.5
8 19	23 42.85	− 9 4.2	3.926	4.849	5.4	19.3
8 29	23 38.23	− 9 24.8	3.870	4.846	3.4	19.2
9 8	23 33.00	− 9 45.7	3.843	4.843	1.6	19.1
9 18	23 27.52	−10 4.7	3.845	4.840	1.9	19.1
9 28	23 22.20	−10 19.5	3.877	4.837	3.8	19.2
10 8	23 17.42	−10 28.3	3.937	4.834	5.8	19.4
10 18	23 13.50	−10 30.1	4.024	4.831	7.6	19.5

288472 2004 FB_4 9 14.4 210°.26 0°.8/13.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 53.75	− 1 34.5	1.754	2.602	14.9	21.9
8 19	23 49.50	− 2 25.2	1.675	2.599	11.4	21.7
8 29	23 43.06	− 3 30.7	1.618	2.594	7.3	21.4
9 8	23 35.05	− 4 45.7	1.587	2.590	2.8	21.2
9 18	23 26.34	− 6 3.2	1.583	2.585	2.3	21.1
9 28	23 17.97	− 7 14.9	1.607	2.579	6.8	21.4
10 8	23 10.95	− 8 13.9	1.656	2.573	11.0	21.6
10 18	23 6.02	− 8 55.8	1.729	2.567	14.7	21.9

174841 2003 YD_{133} 9 14.4 160°.16 0°.6/15.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 54.68	+ 0 21.5	2.366	3.189	12.4	20.6
8 19	23 49.56	+ 0 8.6	2.288	3.195	9.5	20.4
8 29	23 42.78	− 0 14.6	2.232	3.199	6.2	20.3
9 8	23 34.86	− 0 45.6	2.204	3.204	2.7	20.0
9 18	23 26.47	− 1 20.8	2.205	3.208	1.3	19.9
9 28	23 18.40	− 1 55.8	2.235	3.211	4.8	20.2
10 8	23 11.38	− 2 26.4	2.293	3.214	8.1	20.4
10 18	23 5.97	− 2 49.3	2.376	3.217	11.1	20.6

489222 2006 KZ_{60} 9 14.4 21°.02 1°.4/15.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 47.03	+ 3 56.9	0.960	1.841	21.7	20.9
8 19	23 45.49	+ 3 17.4	0.912	1.849	16.9	20.6
8 29	23 40.94	+ 2 8.7	0.880	1.858	11.2	20.4
9 8	23 34.28	+ 0 37.6	0.868	1.869	5.0	20.1
9 18	23 26.82	− 1 4.4	0.878	1.882	2.1	19.9
9 28	23 20.14	− 2 43.0	0.910	1.895	8.0	20.3
10 8	23 15.55	− 4 5.4	0.964	1.910	13.6	20.7
10 18	23 13.84	− 5 3.8	1.036	1.926	18.3	21.0

260202 2004 RK_{175} 9 14.4 8°.05 5°.6/19.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 49.05	+11 2.5	1.507	2.325	18.4	19.2
8 19	23 46.22	+11 34.2	1.439	2.328	15.2	19.0
8 29	23 41.08	+11 42.8	1.388	2.331	11.5	18.8
9 8	23 34.30	+11 28.0	1.359	2.336	7.9	18.6
9 18	23 26.79	+10 52.2	1.353	2.343	5.7	18.5
9 28	23 19.72	+10 1.2	1.372	2.350	7.0	18.6
10 8	23 14.13	+ 9 3.3	1.416	2.359	10.4	18.8
10 18	23 10.77	+ 8 6.7	1.481	2.368	13.9	19.0

514237 2015 OC_{88} 9 14.4 14°.39 2°.8/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 53.61	+ 5 8.0	1.824	2.646	15.5	21.3
8 19	23 49.29	+ 5 21.6	1.747	2.648	12.3	21.1
8 29	23 42.87	+ 5 19.3	1.691	2.649	8.7	20.8
9 8	23 34.97	+ 5 2.6	1.660	2.651	4.9	20.6
9 18	23 26.42	+ 4 34.5	1.654	2.654	2.9	20.5
9 28	23 18.24	+ 3 59.9	1.676	2.656	5.7	20.7
10 8	23 11.38	+ 3 24.8	1.724	2.659	9.4	20.9
10 18	23 6.52	+ 2 54.3	1.796	2.662	12.9	21.2

186380 2002 HN_5 9 14.4 67°.48 8°.7/ 5.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 57.87	−29 37.3	2.117	2.970	12.5	19.2
8 19	23 52.10	−30 42.5	2.086	2.989	10.5	19.1
8 29	23 44.37	−31 36.3	2.078	3.007	9.1	19.1
9 8	23 35.44	−32 11.8	2.095	3.026	8.8	19.1
9 18	23 26.23	−32 24.0	2.137	3.044	9.7	19.2
9 28	23 17.72	−32 11.1	2.203	3.063	11.4	19.3
10 8	23 10.73	−31 34.2	2.292	3.081	13.2	19.5
10 18	23 5.80	−30 36.6	2.400	3.100	14.9	19.7

260322 2004 TQ_{156} 9 14.4 105°.44 1°.2/13.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 51.72	− 4 52.4	2.301	3.149	11.9	21.0
8 19	23 47.36	− 5 25.3	2.231	3.155	8.9	20.8
8 29	23 41.38	− 6 5.9	2.184	3.160	5.6	20.6
9 8	23 34.32	− 6 50.2	2.164	3.166	2.2	20.4
9 18	23 26.82	− 7 33.6	2.172	3.172	2.2	20.4
9 28	23 19.67	− 8 11.2	2.209	3.178	5.6	20.7
10 8	23 13.55	− 8 39.3	2.273	3.183	8.8	20.9
10 18	23 9.01	− 8 55.6	2.361	3.189	11.6	21.1

5123 1989 *BL* 9 14.4 247°.71 1°.9/10.3 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 44.62	−12 40.3	4.644	5.496	6.2	17.5
8 19	23 41.31	−13 13.0	4.564	5.490	4.7	17.4
8 29	23 37.22	−13 46.8	4.509	5.484	3.1	17.3
9 8	23 32.62	−14 19.5	4.484	5.477	2.0	17.2
9 18	23 27.80	−14 48.7	4.488	5.471	2.4	17.2
9 28	23 23.10	−15 12.4	4.522	5.464	3.9	17.3
10 8	23 18.85	−15 28.9	4.584	5.457	5.6	17.4
10 18	23 15.32	−15 37.2	4.671	5.451	7.0	17.5

364579 2007 RW_{52} 9 14.4 33°.25 3°.9/17.0 17

8 9	23 54.03	+ 5 54.3	1.064	1.922	21.8	20.2
8 19	23 50.68	+ 6 10.2	1.011	1.931	17.3	20.0
8 29	23 44.23	+ 6 0.2	0.975	1.942	12.2	19.7
9 8	23 35.60	+ 5 26.2	0.959	1.953	6.8	19.5
9 18	23 26.13	+ 4 34.1	0.965	1.965	3.9	19.3
9 28	23 17.44	+ 3 33.6	0.994	1.978	7.7	19.6
10 8	23 10.93	+ 2 35.5	1.045	1.992	12.8	19.9
10 18	23 7.44	+ 1 48.5	1.117	2.006	17.3	20.3

374931 2007 AJ_{15} 9 14.4 245°.05 2°.1/16.2 17

8 9	23 55.44	+ 4 2.9	1.770	2.596	15.8	21.5
8 19	23 50.90	+ 3 57.3	1.680	2.584	12.5	21.2
8 29	23 44.08	+ 3 34.7	1.610	2.573	8.6	21.0
9 8	23 35.52	+ 2 57.1	1.565	2.561	4.4	20.7
9 18	23 26.11	+ 2 8.5	1.547	2.548	2.3	20.5
9 28	23 16.95	+ 1 15.1	1.555	2.536	6.0	20.8
10 8	23 9.11	+ 0 24.0	1.591	2.522	10.3	21.0
10 18	23 3.42	− 0 18.7	1.649	2.509	14.2	21.2

321281 2009 EN_{21} 9 14.4 196°.03 0°.4/14.7 17

8 9	23 56.35	+ 0 47.7	1.654	2.495	16.1	22.1
8 19	23 51.61	+ 0 14.4	1.576	2.493	12.4	21.9
8 29	23 44.51	− 0 35.7	1.519	2.490	8.1	21.7
9 8	23 35.68	− 1 38.1	1.486	2.487	3.4	21.4
9 18	23 26.07	− 2 46.6	1.481	2.484	1.7	21.2
9 28	23 16.85	− 3 53.1	1.503	2.480	6.6	21.6
10 8	23 9.12	− 4 50.1	1.550	2.475	11.1	21.8
10 18	23 3.66	− 5 32.4	1.621	2.470	15.0	22.0

60428 2000 CZ_{50} 9 14.4 264°.97 1°.3/12.8 18

8 9	23 49.40	− 1 35.3	1.902	2.754	13.8	19.7
8 19	23 46.05	− 2 53.7	1.823	2.749	10.4	19.5
8 29	23 40.79	− 4 27.6	1.767	2.745	6.6	19.2
9 8	23 34.17	− 6 10.6	1.737	2.740	2.5	19.0
9 18	23 26.93	− 7 54.9	1.735	2.735	2.6	19.0
9 28	23 20.00	− 9 31.5	1.762	2.730	6.7	19.2
10 8	23 14.22	−10 53.2	1.815	2.725	10.6	19.4
10 18	23 10.26	−11 55.2	1.891	2.720	14.0	19.7

452227 2015 RJ_{238} 9 14.4 324°.16 6°.0/ 7.6 18

8 9	23 49.62	−16 50.8	1.897	2.776	12.6	19.9
8 19	23 46.31	−18 11.4	1.826	2.763	9.8	19.7
8 29	23 41.00	−19 33.9	1.780	2.751	7.2	19.5
9 8	23 34.26	−20 50.1	1.758	2.739	6.0	19.4
9 18	23 26.88	−21 52.1	1.763	2.727	7.4	19.4
9 28	23 19.82	−22 33.4	1.793	2.716	10.1	19.6
10 8	23 13.99	−22 51.0	1.846	2.705	13.1	19.8
10 18	23 10.07	−22 44.7	1.919	2.695	15.8	19.9

467635 2008 RV_{54} 9 14.4 78°.28 1°.3/17.1 17

8 9	23 44.30	+ 5 30.8	4.334	5.128	7.7	21.5
8 19	23 41.12	+ 5 15.9	4.244	5.129	6.0	21.4
8 29	23 37.14	+ 4 53.4	4.178	5.129	4.2	21.2
9 8	23 32.61	+ 4 24.4	4.140	5.130	2.3	21.1
9 18	23 27.86	+ 3 50.8	4.132	5.131	1.3	21.0
9 28	23 23.23	+ 3 14.8	4.153	5.132	2.7	21.1
10 8	23 19.07	+ 2 38.9	4.204	5.133	4.6	21.3
10 18	23 15.67	+ 2 5.4	4.282	5.133	6.3	21.4

477131 2009 CH_{59} 9 14.4 212°.79 1°.8/12.3 18

8 9	23 51.26	− 4 41.7	2.195	3.045	12.3	22.0
8 19	23 47.20	− 5 45.9	2.115	3.041	9.2	21.8
8 29	23 41.42	− 7 0.5	2.058	3.035	5.8	21.5
9 8	23 34.40	− 8 20.0	2.028	3.030	2.4	21.3
9 18	23 26.84	− 9 38.3	2.027	3.024	2.9	21.3
9 28	23 19.54	−10 48.5	2.055	3.018	6.4	21.6
10 8	23 13.28	−11 45.5	2.109	3.011	9.8	21.8
10 18	23 8.66	−12 26.0	2.188	3.004	12.8	21.9

34517 2000 SC_{185} 9 14.4 267°.93 4°.9/ 8.5 18

8 9	23 51.09	−15 7.3	2.145	3.015	11.8	18.9
8 19	23 47.17	−16 22.7	2.073	3.007	9.0	18.7
8 29	23 41.43	−17 40.7	2.026	2.999	6.3	18.5
9 8	23 34.41	−18 54.2	2.006	2.991	4.9	18.4
9 18	23 26.83	−19 56.5	2.012	2.983	6.1	18.5
9 28	23 19.56	−20 41.7	2.046	2.974	8.8	18.6
10 8	23 13.39	−21 6.7	2.104	2.966	11.6	18.8
10 18	23 8.95	−21 10.8	2.184	2.958	14.2	19.0

369471 2010 TF_1 9 14.4 317°.36 0°.8/13.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 51.16	− 2 32.7	1.148	2.030	18.9	21.3
8 19	23 48.77	− 2 53.5	1.066	2.007	14.7	21.0
8 29	23 43.32	− 3 32.8	1.002	1.984	9.5	20.6
9 8	23 35.43	− 4 25.4	0.959	1.963	3.7	20.2
9 18	23 26.19	− 5 23.5	0.939	1.942	2.8	20.1
9 28	23 17.21	− 6 16.5	0.942	1.922	9.0	20.4
10 8	23 10.05	− 6 54.8	0.966	1.902	14.8	20.6
10 18	23 5.89	− 7 12.5	1.009	1.884	19.9	20.9

411586 2011 ED_{58} 9 14.4 229°.82 4°.4/ 8.3 18

8 9	23 50.55	−17 5.3	2.669	3.532	9.9	21.3
8 19	23 46.37	−18 4.5	2.600	3.528	7.6	21.2
8 29	23 40.73	−19 3.7	2.557	3.524	5.5	21.0
9 8	23 34.09	−19 57.6	2.540	3.521	4.5	20.9
9 18	23 27.04	−20 41.4	2.552	3.516	5.4	21.0
9 28	23 20.26	−21 11.1	2.591	3.512	7.5	21.1
10 8	23 14.39	−21 24.5	2.656	3.508	9.8	21.3
10 18	23 9.92	−21 21.3	2.744	3.504	11.9	21.4

116635 2004 BT_{151} 9 14.4 354°.73 2°.3/16.9 18

8 9	23 49.91	+ 7 6.8	1.915	2.732	15.1	20.0
8 19	23 46.42	+ 6 33.5	1.834	2.732	12.0	19.8
8 29	23 41.02	+ 5 40.5	1.774	2.732	8.3	19.6
9 8	23 34.28	+ 4 30.5	1.739	2.732	4.5	19.4
9 18	23 26.94	+ 3 8.8	1.731	2.732	2.3	19.2
9 28	23 19.92	+ 1 42.6	1.751	2.732	5.3	19.4
10 8	23 14.08	+ 0 20.0	1.797	2.732	9.1	19.7
10 18	23 10.05	− 0 52.6	1.868	2.732	12.6	19.9

337284 2000 WM_{74} 9 14.4 303°.13 3°.1/16.8 18

8 9	23 52.79	+ 5 23.5	1.580	2.413	17.0	20.5
8 19	23 49.36	+ 5 32.8	1.478	2.385	13.8	20.2
8 29	23 43.39	+ 5 23.2	1.395	2.357	9.8	19.9
9 8	23 35.40	+ 4 55.2	1.335	2.329	5.5	19.6
9 18	23 26.23	+ 4 11.7	1.300	2.301	3.2	19.4
9 28	23 17.12	+ 3 18.7	1.291	2.273	6.7	19.5
10 8	23 9.32	+ 2 24.3	1.307	2.246	11.5	19.7
10 18	23 3.86	+ 1 36.4	1.345	2.219	15.9	19.9

368647 2005 EJ_{18} 9 14.4 196°.52 0°.9/13.6 17

8 9	23 54.67	− 1 27.5	1.633	2.484	15.7	21.3
8 19	23 50.36	− 2 19.8	1.557	2.482	12.0	21.1
8 29	23 43.71	− 3 28.0	1.504	2.480	7.7	20.8
9 8	23 35.39	− 4 46.4	1.475	2.478	2.9	20.5
9 18	23 26.32	− 6 7.1	1.473	2.475	2.4	20.5
9 28	23 17.65	− 7 21.4	1.499	2.472	7.1	20.8
10 8	23 10.46	− 8 21.8	1.550	2.468	11.6	21.0
10 18	23 5.50	− 9 3.8	1.623	2.464	15.4	21.3

152828 1999 VT_{25} 9 14.4 153°.72 5°.1/17.1 14 C

8 9	0 32.34	+12 43.5	0.878	1.670	30.3	23.3
8 19	0 21.09	+12 1.7	0.820	1.699	24.5	23.1
8 29	0 4.45	+10 33.1	0.776	1.723	17.4	22.7
9 8	23 43.77	+ 8 18.3	0.753	1.742	9.6	22.4
9 18	23 21.67	+ 5 30.1	0.757	1.756	5.2	22.2
9 28	23 1.40	+ 2 33.4	0.788	1.766	10.8	22.6
10 8	22 45.50	− 0 6.4	0.845	1.770	17.8	23.0
10 18	22 35.10	− 2 13.7	0.922	1.769	23.7	23.4

29071 5048 T-3 9 14.4 225°.33 5°.1/ 7.3 18

8 9	23 52.63	−21 25.7	2.900	3.757	9.4	18.9
8 19	23 47.86	−22 17.4	2.830	3.749	7.5	18.8
8 29	23 41.65	−23 6.3	2.786	3.742	5.8	18.6
9 8	23 34.46	−23 47.5	2.769	3.734	5.1	18.6
9 18	23 26.87	−24 16.7	2.779	3.727	6.0	18.6
9 28	23 19.56	−24 30.7	2.818	3.719	7.8	18.8
10 8	23 13.13	−24 28.1	2.881	3.710	9.8	18.9
10 18	23 8.09	−24 9.4	2.967	3.702	11.7	19.0

29381 1996 HR_{15} 9 14.4 241°.67 0°.1/14.4 18

8 9	23 53.98	− 0 18.4	1.772	2.616	15.0	19.4
8 19	23 49.74	− 0 52.1	1.687	2.607	11.6	19.1
8 29	23 43.30	− 1 40.8	1.624	2.597	7.5	18.9
9 8	23 35.24	− 2 40.4	1.586	2.587	3.0	18.6
9 18	23 26.40	− 3 44.9	1.574	2.577	1.7	18.5
9 28	23 17.85	− 4 47.0	1.591	2.567	6.4	18.7
10 8	23 10.62	− 5 39.7	1.633	2.556	10.7	19.0
10 18	23 5.46	− 6 18.3	1.698	2.545	14.5	19.2

63124 2000 WK_{174} 9 14.4 189°.95 3°.4/10.1 18

8 9	23 50.85	−11 16.7	2.366	3.228	11.1	19.0
8 19	23 46.76	−12 23.0	2.296	3.227	8.3	18.8
8 29	23 41.06	−13 33.9	2.250	3.226	5.5	18.6
9 8	23 34.26	−14 43.4	2.231	3.225	3.5	18.5
9 18	23 27.00	−15 45.8	2.241	3.224	4.4	18.6
9 28	23 20.03	−16 35.7	2.279	3.223	7.1	18.8
10 8	23 14.06	−17 9.8	2.343	3.221	10.0	18.9
10 18	23 9.62	−17 26.5	2.431	3.219	12.5	19.1

323752 2005 NB_{123} 9 14.4 34°.75 5°.2/11.7 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	0 1.12	−13 49.4	1.056	1.946	19.5	19.5
8 19	23 55.80	−14 2.3	1.020	1.964	14.8	19.3
8 29	23 47.27	−14 16.1	1.002	1.984	9.7	19.1
9 8	23 36.72	−14 22.3	1.006	2.004	5.7	19.0
9 18	23 25.72	−14 14.1	1.034	2.025	6.4	19.1
9 28	23 15.95	−13 47.4	1.084	2.047	10.6	19.4
10 8	23 8.70	−13 2.2	1.157	2.071	15.0	19.7
10 18	23 4.62	−12 0.9	1.248	2.094	18.7	20.0

480617 2015 MU_{112} 9 14.4 50°.79 0°.5/13.9 18

8 9	23 52.59	− 2 14.0	1.821	2.671	14.4	21.4
8 19	23 48.47	− 2 44.9	1.751	2.675	10.9	21.2
8 29	23 42.34	− 3 27.7	1.703	2.679	7.0	21.0
9 8	23 34.81	− 4 18.0	1.680	2.683	2.7	20.8
9 18	23 26.71	− 5 10.1	1.684	2.687	1.9	20.7
9 28	23 19.02	− 5 57.5	1.716	2.691	6.2	21.0
10 8	23 12.64	− 6 34.8	1.774	2.695	10.1	21.3
10 18	23 8.21	− 6 58.6	1.855	2.699	13.6	21.5

260582 2005 ES_{278} 9 14.4 85°.04 2°.7/16.8 17

8 9	23 53.79	+ 6 34.7	1.451	2.283	18.3	20.3
8 19	23 49.85	+ 6 13.0	1.385	2.292	14.5	20.1
8 29	23 43.43	+ 5 28.0	1.339	2.301	10.1	19.9
9 8	23 35.29	+ 4 23.1	1.315	2.310	5.4	19.7
9 18	23 26.44	+ 3 4.5	1.317	2.318	2.8	19.5
9 28	23 18.14	+ 1 41.4	1.345	2.327	6.4	19.8
10 8	23 11.50	+ 0 23.5	1.398	2.336	10.9	20.1
10 18	23 7.26	− 0 41.5	1.474	2.345	15.0	20.3

146214 2000 VQ_{34} 9 14.4 333°.22 1°.4/13.1 18

8 9	23 48.36	− 3 27.4	1.683	2.549	14.6	19.5
8 19	23 45.56	− 4 12.5	1.602	2.536	11.1	19.2
8 29	23 40.65	− 5 11.2	1.543	2.523	7.1	19.0
9 8	23 34.20	− 6 18.0	1.508	2.511	2.8	18.7
9 18	23 27.02	− 7 25.9	1.499	2.500	2.7	18.7
9 28	23 20.14	− 8 27.0	1.516	2.489	7.1	18.9
10 8	23 14.52	− 9 14.7	1.558	2.479	11.3	19.1
10 18	23 10.91	− 9 44.7	1.622	2.470	15.0	19.3

80396 1999 XW_{173} 9 14.4 298°.20 2°.2/12.8 18

8 9	23 55.80	− 6 24.5	1.416	2.286	16.6	19.3
8 19	23 51.70	− 6 49.3	1.337	2.272	12.7	19.1
8 29	23 44.86	− 7 25.0	1.278	2.258	8.2	18.8
9 8	23 35.95	− 8 5.6	1.242	2.244	3.4	18.5
9 18	23 26.02	− 8 44.1	1.231	2.231	3.6	18.4
9 28	23 16.47	− 9 12.8	1.246	2.218	8.5	18.7
10 8	23 8.59	− 9 26.0	1.285	2.205	13.3	18.9
10 18	23 3.33	− 9 20.9	1.344	2.192	17.5	19.2

305812 2009 DK_{105} 9 14.4 219°.69 0°.5/14.8 18

8 9	23 53.24	+ 0 4.6	2.034	2.870	13.6	21.1
8 19	23 48.83	− 0 14.0	1.953	2.867	10.5	20.9
8 29	23 42.53	− 0 44.9	1.895	2.865	6.9	20.7
9 8	23 34.89	− 1 25.0	1.862	2.862	2.9	20.4
9 18	23 26.66	− 2 9.6	1.856	2.860	1.4	20.3
9 28	23 18.74	− 2 53.4	1.879	2.857	5.5	20.6
10 8	23 11.98	− 3 31.2	1.929	2.854	9.3	20.8
10 18	23 7.02	− 3 58.9	2.003	2.851	12.6	21.0

228162 2009 SO_{141} 9 14.4 276°.71 0°.2/14.1 18

8 9	23 44.96	− 2 49.8	4.391	5.219	7.0	20.9
8 19	23 41.62	− 3 8.1	4.305	5.218	5.3	20.8
8 29	23 37.47	− 3 31.1	4.244	5.216	3.4	20.7
9 8	23 32.78	− 3 56.8	4.212	5.214	1.3	20.5
9 18	23 27.87	− 4 23.5	4.210	5.212	0.9	20.4
9 28	23 23.09	− 4 48.8	4.238	5.210	2.9	20.6
10 8	23 18.77	− 5 10.8	4.295	5.209	4.9	20.8
10 18	23 15.20	− 5 27.8	4.378	5.207	6.6	20.9

273697 2007 EN_{41} 9 14.4 230°.65 0°.1/14.4 18

8 9	23 54.60	− 0 14.5	1.821	2.662	14.8	22.2
8 19	23 50.16	− 0 46.8	1.735	2.653	11.4	21.9
8 29	23 43.55	− 1 33.8	1.672	2.644	7.4	21.7
9 8	23 35.35	− 2 31.4	1.633	2.635	3.0	21.4
9 18	23 26.39	− 3 33.9	1.622	2.625	1.7	21.3
9 28	23 17.72	− 4 34.1	1.639	2.615	6.3	21.5
10 8	23 10.33	− 5 25.5	1.682	2.604	10.5	21.8
10 18	23 5.00	− 6 3.3	1.748	2.593	14.2	22.0

279725 1993 DZ_1 9 14.4 38°.46 5°.2/10.6 17

8 9	23 53.85	− 9 50.7	1.099	1.993	18.6	19.9
8 19	23 50.45	−11 6.7	1.053	2.001	14.0	19.6
8 29	23 44.03	−12 32.3	1.026	2.010	9.1	19.4
9 8	23 35.55	−13 55.8	1.021	2.020	5.4	19.2
9 18	23 26.34	−15 5.2	1.040	2.030	6.8	19.3
9 28	23 17.97	−15 50.9	1.081	2.040	11.2	19.6
10 8	23 11.74	−16 8.4	1.144	2.051	15.7	19.9
10 18	23 8.43	−15 58.1	1.224	2.063	19.5	20.2

267651 2002 TQ_{23} 9 14.4 325°.09 0°.6/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 49.55	− 1 33.6	1.206	2.084	18.4	20.4
8 19	23 47.32	− 2 3.5	1.127	2.066	14.2	20.1
8 29	23 42.25	− 2 52.8	1.067	2.049	9.2	19.8
9 8	23 34.98	− 3 56.5	1.028	2.032	3.6	19.4
9 18	23 26.57	− 5 6.0	1.013	2.016	2.6	19.3
9 28	23 18.48	− 6 10.8	1.021	2.001	8.5	19.6
10 8	23 12.13	− 7 1.2	1.052	1.987	14.0	19.9
10 18	23 8.55	− 7 30.8	1.101	1.974	18.8	20.1

331893 2004 JW_{49} 9 14.4 64°.14 5°.1/19.1 17

8 9	23 52.94	+11 50.6	1.586	2.390	18.3	20.8
8 19	23 49.16	+11 55.8	1.511	2.392	15.0	20.6
8 29	23 43.00	+11 36.3	1.454	2.395	11.3	20.4
9 8	23 35.14	+10 52.3	1.419	2.398	7.5	20.2
9 18	23 26.52	+ 9 47.5	1.409	2.401	5.1	20.1
9 28	23 18.31	+ 8 28.9	1.425	2.403	6.7	20.2
10 8	23 11.59	+ 7 6.1	1.466	2.406	10.4	20.4
10 18	23 7.16	+ 5 48.1	1.531	2.409	14.1	20.6

273378 2006 VN_1 9 14.4 2°.00 1°.7/13.5 18

8 9	23 53.51	− 6 29.8	0.983	1.879	20.1	19.6
8 19	23 50.61	− 6 23.0	0.928	1.876	15.4	19.4
8 29	23 44.40	− 6 27.1	0.889	1.875	9.9	19.1
9 8	23 35.79	− 6 36.3	0.871	1.875	3.9	18.7
9 18	23 26.20	− 6 43.7	0.875	1.877	3.4	18.7
9 28	23 17.38	− 6 42.3	0.901	1.881	9.3	19.1
10 8	23 10.85	− 6 27.1	0.947	1.886	14.7	19.4
10 18	23 7.53	− 5 56.3	1.013	1.893	19.4	19.7

435871 2008 YH_{58} 9 14.4 35°.46 9°.6/ 5.3 18

8 9	23 52.78	−23 7.5	1.439	2.327	15.4	20.5
8 19	23 49.11	−24 56.6	1.405	2.338	12.4	20.3
8 29	23 42.91	−26 38.2	1.393	2.351	10.2	20.2
9 8	23 35.05	−28 0.5	1.404	2.363	9.7	20.2
9 18	23 26.66	−28 54.5	1.439	2.377	11.2	20.4
9 28	23 19.03	−29 15.2	1.496	2.391	13.7	20.6
10 8	23 13.21	−29 3.0	1.573	2.405	16.3	20.8
10 18	23 9.85	−28 21.9	1.668	2.420	18.7	21.0

110218 2001 SE_{221} 9 14.4 181°.65 0°.4/14.0 18

8 9	23 55.26	− 1 28.6	1.962	2.801	13.9	20.5
8 19	23 50.42	− 2 3.6	1.884	2.802	10.7	20.3
8 29	23 43.57	− 2 50.9	1.829	2.803	6.8	20.1
9 8	23 35.32	− 3 46.3	1.800	2.802	2.7	19.8
9 18	23 26.47	− 4 44.2	1.799	2.802	1.8	19.7
9 28	23 17.97	− 5 38.2	1.827	2.801	6.0	20.0
10 8	23 10.72	− 6 22.8	1.881	2.799	9.9	20.2
10 18	23 5.39	− 6 54.2	1.959	2.797	13.2	20.5

342626 2008 UL_{343} 9 14.4 295°.80 3°.3/10.9 18

8 9	23 50.67	− 7 15.8	1.663	2.535	14.5	20.2
8 19	23 47.35	− 8 33.6	1.588	2.526	10.9	20.0
8 29	23 41.82	−10 3.1	1.536	2.517	7.0	19.8
9 8	23 34.69	−11 36.6	1.509	2.509	3.6	19.5
9 18	23 26.83	−13 4.9	1.509	2.501	4.7	19.6
9 28	23 19.31	−14 18.9	1.535	2.492	8.6	19.8
10 8	23 13.15	−15 12.3	1.585	2.484	12.6	20.0
10 18	23 9.08	−15 42.3	1.657	2.476	16.1	20.2

264897 2002 TP_{47} 9 14.4 318°.78 1°.6/15.7 18

8 9	23 51.38	+ 3 20.1	1.368	2.220	18.1	20.6
8 19	23 48.35	+ 2 58.5	1.290	2.211	14.2	20.3
8 29	23 42.72	+ 2 15.0	1.231	2.203	9.6	20.0
9 8	23 35.12	+ 1 13.1	1.195	2.194	4.5	19.7
9 18	23 26.58	− 0 0.7	1.183	2.187	2.0	19.5
9 28	23 18.42	− 1 16.8	1.197	2.179	7.0	19.8
10 8	23 11.86	− 2 25.5	1.234	2.172	12.1	20.1
10 18	23 7.82	− 3 19.2	1.293	2.165	16.5	20.3

34472 2000 ST_{115} 9 14.4 143°.37 0°.3/14.8 18

8 9	23 53.55	+ 1 6.3	1.943	2.777	14.3	18.7
8 19	23 49.09	+ 0 27.1	1.871	2.784	11.0	18.5
8 29	23 42.70	− 0 26.7	1.821	2.791	7.1	18.3
9 8	23 34.98	− 1 30.8	1.796	2.797	2.9	18.0
9 18	23 26.71	− 2 39.5	1.800	2.803	1.4	17.9
9 28	23 18.84	− 3 46.0	1.832	2.809	5.6	18.2
10 8	23 12.22	− 4 43.9	1.891	2.814	9.5	18.5
10 18	23 7.47	− 5 28.9	1.974	2.819	12.9	18.7

20846 Liyulin 9 14.4 7°.35 2°.6/12.9 18

8 9	23 57.24	− 7 44.0	1.136	2.019	18.9	17.6
8 19	23 53.12	− 7 55.1	1.077	2.019	14.4	17.3
8 29	23 45.86	− 8 15.6	1.037	2.020	9.2	17.0
9 8	23 36.35	− 8 38.7	1.019	2.022	3.9	16.7
9 18	23 25.95	− 8 57.0	1.024	2.024	4.1	16.8
9 28	23 16.30	− 9 3.4	1.053	2.027	9.3	17.1
10 8	23 8.81	− 8 53.5	1.104	2.031	14.4	17.4
10 18	23 4.38	− 8 26.3	1.175	2.035	18.7	17.7

421511 2014 OA_{101} 9 14.4 118°.43 3°.6/18.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 57.35	+10 12.7	2.840	3.601	12.0	21.4
8 19	23 51.35	+10 42.0	2.761	3.617	9.8	21.2
8 29	23 43.86	+10 58.6	2.706	3.633	7.3	21.1
9 8	23 35.38	+11 2.8	2.678	3.649	5.0	21.0
9 18	23 26.50	+10 55.5	2.679	3.664	3.7	20.9
9 28	23 17.91	+10 39.4	2.710	3.678	4.7	21.0
10 8	23 10.25	+10 17.9	2.770	3.692	6.9	21.2
10 18	23 4.03	+ 9 54.9	2.857	3.706	9.2	21.3

411923 2012 FZ_{75} 9 14.4 179°.87 1°.6/16.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 50.29	+ 4 57.2	2.806	3.611	11.1	21.9
8 19	23 46.11	+ 4 37.7	2.719	3.611	8.8	21.8
8 29	23 40.58	+ 4 6.2	2.656	3.612	6.0	21.6
9 8	23 34.11	+ 3 25.0	2.619	3.612	3.2	21.4
9 18	23 27.24	+ 2 36.8	2.611	3.612	1.6	21.3
9 28	23 20.58	+ 1 45.9	2.633	3.611	4.0	21.5
10 8	23 14.73	+ 0 56.5	2.683	3.611	6.8	21.6
10 18	23 10.15	+ 0 12.4	2.760	3.610	9.4	21.8

341979 2008 QF_{39} 9 14.4 156°.73 1°.4/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 53.90	+ 4 2.7	2.035	2.855	14.2	21.0
8 19	23 49.31	+ 3 34.9	1.958	2.861	11.1	20.8
8 29	23 42.83	+ 2 51.3	1.903	2.866	7.5	20.6
9 8	23 35.05	+ 1 55.0	1.874	2.871	3.6	20.4
9 18	23 26.72	+ 0 50.9	1.873	2.875	1.7	20.3
9 28	23 18.74	− 0 14.8	1.900	2.879	5.2	20.5
10 8	23 11.96	− 1 15.8	1.954	2.882	8.9	20.8
10 18	23 6.99	− 2 7.0	2.034	2.885	12.3	21.0

100746 1998 ED_{4} 9 14.4 110°.63 1°.1/13.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 56.99	− 2 26.5	1.601	2.452	16.0	20.2
8 19	23 51.95	− 3 14.2	1.544	2.469	12.1	20.0
8 29	23 44.62	− 4 15.4	1.508	2.485	7.6	19.8
9 8	23 35.76	− 5 23.8	1.498	2.501	2.9	19.6
9 18	23 26.36	− 6 31.9	1.514	2.516	2.5	19.6
9 28	23 17.58	− 7 31.9	1.558	2.530	7.0	19.9
10 8	23 10.42	− 8 17.7	1.628	2.545	11.2	20.2
10 18	23 5.54	− 8 46.2	1.720	2.558	14.7	20.4

378650 2008 GS_{37} 9 14.4 90°.69 3°.4/11.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 56.03	− 8 36.0	1.532	2.402	15.6	21.0
8 19	23 51.38	− 9 30.7	1.476	2.412	11.7	20.8
8 29	23 44.33	−10 33.4	1.442	2.422	7.5	20.6
9 8	23 35.66	−11 36.5	1.432	2.432	3.8	20.4
9 18	23 26.41	−12 31.8	1.449	2.442	4.7	20.4
9 28	23 17.78	−13 12.3	1.492	2.452	8.6	20.7
10 8	23 10.82	−13 33.7	1.559	2.462	12.5	21.0
10 18	23 6.21	−13 34.8	1.647	2.471	15.9	21.2

14598 Larrysmith 9 14.4 32°.67 3°.0/12.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 55.87	− 6 29.4	1.138	2.021	18.9	18.6
8 19	23 52.02	− 7 12.5	1.082	2.025	14.3	18.3
8 29	23 45.13	− 8 8.6	1.046	2.029	9.1	18.0
9 8	23 36.07	− 9 9.1	1.031	2.034	4.0	17.8
9 18	23 26.18	−10 4.1	1.040	2.039	4.5	17.8
9 28	23 17.02	−10 44.3	1.073	2.044	9.6	18.1
10 8	23 9.99	−11 3.6	1.128	2.049	14.6	18.4
10 18	23 5.92	−11 0.3	1.202	2.055	18.8	18.7

60022 1999 TX_{44} 9 14.4 230°.35 0°.9/13.4 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 53.51	− 4 51.6	2.296	3.140	12.0	19.5
8 19	23 48.83	− 5 9.9	2.216	3.137	9.1	19.3
8 29	23 42.45	− 5 35.6	2.159	3.135	5.8	19.1
9 8	23 34.89	− 6 5.1	2.130	3.132	2.3	18.9
9 18	23 26.82	− 6 34.4	2.129	3.130	2.0	18.9
9 28	23 19.06	− 6 59.1	2.156	3.127	5.5	19.1
10 8	23 12.33	− 7 15.8	2.211	3.124	8.8	19.3
10 18	23 7.23	− 7 22.1	2.290	3.121	11.8	19.5

225248 2009 QJ_{33} 9 14.4 329°.92 6°.3/ 7.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 51.13	−19 32.8	2.059	2.933	12.0	19.4
8 19	23 47.31	−20 48.1	1.996	2.927	9.4	19.3
8 29	23 41.61	−22 2.1	1.957	2.921	7.2	19.1
9 8	23 34.59	−23 7.1	1.943	2.916	6.3	19.1
9 18	23 27.02	−23 56.5	1.956	2.911	7.6	19.1
9 28	23 19.82	−24 25.1	1.995	2.906	9.9	19.3
10 8	23 13.83	−24 31.0	2.056	2.901	12.5	19.4
10 18	23 9.64	−24 14.6	2.139	2.897	14.9	19.6

274099 2008 CF_{172} 9 14.4 235°.09 0°.2/14.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 51.08	+ 7 27.4	1.225	2.071	20.2	20.0
8 19	23 48.43	+ 5 22.1	1.146	2.065	15.8	19.7
8 29	23 42.95	+ 2 36.3	1.086	2.059	10.4	19.4
9 8	23 35.30	− 0 41.7	1.050	2.052	4.3	19.0
9 18	23 26.59	− 4 15.7	1.041	2.045	2.3	18.9
9 28	23 18.28	− 7 43.9	1.060	2.037	8.7	19.3
10 8	23 11.76	−10 46.4	1.104	2.029	14.5	19.6
10 18	23 7.99	−13 11.0	1.170	2.021	19.4	19.8

320732 2008 EO_{15} 9 14.4 72°.88 0°.3/14.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 52.65	+ 1 48.1	1.457	2.309	17.3	20.0
8 19	23 48.96	+ 0 58.7	1.395	2.318	13.3	19.8
8 29	23 42.88	− 0 10.4	1.352	2.326	8.6	19.6
9 8	23 35.14	− 1 33.5	1.334	2.335	3.5	19.3
9 18	23 26.74	− 3 2.2	1.341	2.344	1.8	19.2
9 28	23 18.88	− 4 26.7	1.375	2.353	6.8	19.6
10 8	23 12.64	− 5 38.3	1.433	2.362	11.4	19.9
10 18	23 8.72	− 6 31.5	1.514	2.372	15.4	20.1

421481 2014 OE_{48} 9 14.4 54°.14 0°.9/13.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 51.82	− 3 38.2	2.029	2.879	13.1	21.0
8 19	23 47.62	− 4 10.1	1.968	2.893	9.9	20.8
8 29	23 41.68	− 4 51.2	1.931	2.908	6.2	20.6
9 8	23 34.58	− 5 37.2	1.919	2.922	2.4	20.4
9 18	23 27.07	− 6 22.9	1.936	2.937	2.0	20.4
9 28	23 19.99	− 7 3.0	1.980	2.952	5.8	20.7
10 8	23 14.10	− 7 33.2	2.050	2.967	9.2	20.9
10 18	23 9.94	− 7 51.0	2.144	2.982	12.2	21.2

431341 2006 YM_{55} 9 14.4 196°.88 1°.1/13.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 55.97	− 3 38.0	1.848	2.696	14.3	21.9
8 19	23 51.12	− 4 13.2	1.771	2.694	10.9	21.7
8 29	23 44.14	− 4 59.6	1.716	2.692	6.9	21.4
9 8	23 35.63	− 5 52.4	1.686	2.689	2.7	21.2
9 18	23 26.46	− 6 45.6	1.685	2.686	2.4	21.1
9 28	23 17.65	− 7 32.7	1.711	2.682	6.6	21.4
10 8	23 10.17	− 8 8.4	1.763	2.678	10.6	21.6
10 18	23 4.74	− 8 29.3	1.839	2.673	14.1	21.9

250548 2004 RO_{86} 9 14.4 55°.56 0°.8/15.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 55.50	− 0 30.7	2.026	2.859	13.8	20.1
8 19	23 50.48	− 0 25.1	1.955	2.867	10.6	19.9
8 29	23 43.56	− 0 29.9	1.906	2.875	7.0	19.7
9 8	23 35.35	− 0 42.6	1.883	2.883	3.0	19.5
9 18	23 26.64	− 0 59.8	1.888	2.891	1.4	19.4
9 28	23 18.32	− 1 17.4	1.921	2.900	5.3	19.7
10 8	23 11.26	− 1 31.2	1.982	2.908	8.9	19.9
10 18	23 6.04	− 1 38.2	2.066	2.917	12.1	20.1

86077 1999 RA_{67} 9 14.4 17°.50 2°.1/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 48.89	− 4 57.8	1.930	2.791	13.2	19.3
8 19	23 45.62	− 6 7.8	1.861	2.793	9.9	19.1
8 29	23 40.53	− 7 28.8	1.815	2.795	6.2	18.9
9 8	23 34.18	− 8 54.4	1.796	2.798	2.7	18.7
9 18	23 27.30	−10 17.3	1.804	2.801	3.3	18.7
9 28	23 20.77	−11 30.0	1.840	2.804	6.9	19.0
10 8	23 15.39	−12 27.1	1.901	2.807	10.5	19.2
10 18	23 11.77	−13 5.3	1.986	2.810	13.6	19.4

206048 2002 QR_{77} 9 14.4 292°.32 1°.2/13.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 50.93	− 2 43.6	1.832	2.687	14.1	20.6
8 19	23 47.33	− 3 36.0	1.754	2.682	10.7	20.3
8 29	23 41.73	− 4 41.6	1.699	2.677	6.8	20.1
9 8	23 34.69	− 5 55.0	1.669	2.672	2.6	19.8
9 18	23 27.01	− 7 9.5	1.666	2.667	2.5	19.8
9 28	23 19.65	− 8 17.4	1.691	2.662	6.7	20.1
10 8	23 13.52	− 9 12.3	1.741	2.657	10.6	20.3
10 18	23 9.30	− 9 50.3	1.814	2.652	14.1	20.5

10849 1995 BO_{1} 9 14.4 176°.93 2°.5/16.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 56.15	+ 5 34.0	1.594	2.419	17.2	17.4
8 19	23 51.60	+ 5 23.0	1.517	2.421	13.7	17.2
8 29	23 44.62	+ 4 51.9	1.461	2.422	9.5	17.0
9 8	23 35.88	+ 4 3.0	1.428	2.422	5.0	16.7
9 18	23 26.35	+ 3 1.2	1.421	2.422	2.6	16.6
9 28	23 17.24	+ 1 54.1	1.441	2.422	6.3	16.8
10 8	23 9.66	+ 0 50.2	1.487	2.422	10.7	17.1
10 18	23 4.42	− 0 3.8	1.556	2.421	14.7	17.3

46560 1991 PZ_{1} 9 14.4 79°.50 1°.3/13.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 58.17	− 3 10.1	1.430	2.288	17.2	19.1
8 19	23 52.96	− 3 53.0	1.384	2.313	12.9	18.9
8 29	23 45.29	− 4 48.9	1.359	2.337	8.1	18.7
9 8	23 36.04	− 5 51.0	1.359	2.361	3.1	18.4
9 18	23 26.34	− 6 51.3	1.384	2.385	2.7	18.5
9 28	23 17.44	− 7 42.2	1.436	2.409	7.4	18.8
10 8	23 10.38	− 8 17.9	1.513	2.432	11.7	19.1
10 18	23 5.79	− 8 36.0	1.612	2.455	15.3	19.4

253439 2003 QF_{111} 9 14.4 359°.73 5°.9/10.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 46.31	−10 55.7	0.833	1.754	20.3	19.1
8 19	23 45.53	−11 49.0	0.786	1.748	15.4	18.8
8 29	23 41.35	−12 51.9	0.755	1.744	10.1	18.6
9 8	23 34.70	−13 52.4	0.743	1.743	6.2	18.3
9 18	23 27.03	−14 37.5	0.751	1.744	7.6	18.4
9 28	23 20.18	−14 56.7	0.778	1.747	12.5	18.7
10 8	23 15.67	−14 45.5	0.824	1.752	17.6	19.0
10 18	23 14.37	−14 4.8	0.885	1.760	22.0	19.3

448392 2009 QK_{19} 9 14.4 8°.58 1°.6/12.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 42.76	− 1 24.0	1.286	2.171	17.1	19.5
8 19	23 41.69	− 2 39.7	1.232	2.175	12.9	19.3
8 29	23 38.32	− 4 14.5	1.197	2.181	8.0	19.0
9 8	23 33.37	− 5 59.7	1.186	2.190	3.1	18.8
9 18	23 27.79	− 7 44.4	1.199	2.200	3.2	18.8
9 28	23 22.72	− 9 17.0	1.236	2.211	8.0	19.1
10 8	23 19.17	−10 28.9	1.297	2.225	12.5	19.4
10 18	23 17.78	−11 15.6	1.378	2.240	16.4	19.7

451995 2014 OM_{26} 9 14.4 289°.75 2°.6/17.2 17

8 9	23 52.57	+ 5 55.2	2.245	3.053	13.4	21.6
8 19	23 48.24	+ 6 1.8	2.158	3.049	10.7	21.4
8 29	23 42.17	+ 5 54.6	2.092	3.045	7.6	21.2
9 8	23 34.85	+ 5 34.6	2.052	3.041	4.4	21.0
9 18	23 26.95	+ 5 4.5	2.039	3.037	2.6	20.8
9 28	23 19.29	+ 4 28.4	2.054	3.033	4.9	21.0
10 8	23 12.66	+ 3 51.2	2.097	3.029	8.2	21.2
10 18	23 7.66	+ 3 17.6	2.165	3.025	11.3	21.4

207184 2005 EZ_{14} 9 14.4 63°.82 0°.6/13.9 17

8 9	23 55.13	− 2 28.4	1.694	2.545	15.3	20.3
8 19	23 50.35	− 2 59.6	1.644	2.568	11.5	20.1
8 29	23 43.50	− 3 42.5	1.616	2.592	7.3	19.9
9 8	23 35.32	− 4 31.7	1.613	2.616	2.8	19.7
9 18	23 26.74	− 5 21.2	1.637	2.639	2.0	19.7
9 28	23 18.79	− 6 4.8	1.688	2.663	6.3	20.0
10 8	23 12.35	− 6 37.3	1.766	2.687	10.2	20.3
10 18	23 7.99	− 6 56.0	1.866	2.710	13.5	20.6

240505 2004 EP_{61} 9 14.4 253°.85 0°.3/14.7 18

8 9	23 51.61	− 1 14.5	2.733	3.561	10.8	20.3
8 19	23 47.17	− 1 22.8	2.646	3.556	8.3	20.1
8 29	23 41.30	− 1 39.0	2.583	3.552	5.4	20.0
9 8	23 34.46	− 2 1.0	2.547	3.548	2.2	19.7
9 18	23 27.18	− 2 25.7	2.541	3.544	1.1	19.6
9 28	23 20.12	− 2 49.8	2.564	3.540	4.3	19.9
10 8	23 13.89	− 3 9.8	2.615	3.535	7.3	20.1
10 18	23 8.99	− 3 23.3	2.691	3.531	10.0	20.2

76512 2000 GL_{35} 9 14.4 228°.09 1°.8/12.6 18

8 9	23 55.39	− 7 9.7	2.171	3.020	12.4	19.9
8 19	23 50.42	− 7 37.3	2.088	3.013	9.4	19.7
8 29	23 43.59	− 8 11.6	2.029	3.005	6.0	19.5
9 8	23 35.42	− 8 48.2	1.996	2.997	2.6	19.3
9 18	23 26.66	− 9 22.2	1.991	2.989	2.8	19.3
9 28	23 18.19	− 9 48.9	2.016	2.980	6.3	19.5
10 8	23 10.85	−10 4.6	2.066	2.972	9.8	19.7
10 18	23 5.27	−10 7.2	2.141	2.962	12.9	19.9

392722 2012 PM 9 14.4 156°.09 4°.5/ 9.9 17

8 9	23 52.23	− 0 51.5	1.102	1.980	19.7	20.5
8 19	23 49.46	− 3 58.5	1.041	1.984	14.7	20.2
8 29	23 43.65	− 7 38.1	1.002	1.987	9.1	19.9
9 8	23 35.60	−11 32.0	0.988	1.989	4.7	19.7
9 18	23 26.56	−15 16.6	1.002	1.992	7.0	19.8
9 28	23 18.11	−18 28.9	1.041	1.993	12.4	20.1
10 8	23 11.69	−20 55.3	1.103	1.995	17.5	20.4
10 18	23 8.22	−22 32.4	1.184	1.996	21.6	20.7

262517 2006 UH_{279} 9 14.4 27°.71 1°.7/12.8 18

8 9	23 52.51	− 5 35.1	1.845	2.704	13.8	21.2
8 19	23 48.44	− 6 11.5	1.777	2.707	10.4	21.0
8 29	23 42.38	− 6 57.0	1.731	2.710	6.6	20.8
9 8	23 34.95	− 7 46.5	1.710	2.713	2.7	20.5
9 18	23 26.95	− 8 34.1	1.717	2.716	2.9	20.5
9 28	23 19.37	− 9 13.6	1.751	2.720	6.7	20.8
10 8	23 13.08	− 9 40.5	1.810	2.723	10.5	21.0
10 18	23 8.72	− 9 52.3	1.892	2.727	13.7	21.3

93188 2000 SF_{110} 9 14.4 10°.41 0°.6/14.0 18

8 9	23 49.86	− 3 41.2	0.982	1.878	20.2	18.5
8 19	23 47.71	− 3 39.5	0.934	1.882	15.4	18.3
8 29	23 42.48	− 3 53.1	0.903	1.887	9.9	18.0
9 8	23 35.09	− 4 16.4	0.892	1.895	3.8	17.7
9 18	23 26.90	− 4 41.9	0.902	1.905	2.5	17.7
9 28	23 19.50	− 5 1.3	0.935	1.917	8.4	18.0
10 8	23 14.25	− 5 8.3	0.989	1.931	13.8	18.4
10 18	23 11.94	− 4 59.5	1.061	1.947	18.3	18.7

347823 2002 OE_{34} 9 14.4 338°.17 1°.7/15.5 18

8 9	23 58.09	− 0 7.8	1.599	2.441	16.4	20.2
8 19	23 53.14	+ 0 24.2	1.519	2.435	12.9	20.0
8 29	23 45.67	+ 0 44.8	1.460	2.429	8.7	19.7
9 8	23 36.35	+ 0 55.6	1.424	2.423	4.1	19.5
9 18	23 26.15	+ 0 58.9	1.415	2.418	2.1	19.3
9 28	23 16.34	+ 0 58.9	1.433	2.413	6.4	19.6
10 8	23 8.07	+ 1 0.0	1.476	2.409	10.9	19.8
10 18	23 2.20	+ 1 6.2	1.542	2.406	14.8	20.1

302699 2002 TY_{146} 9 14.4 332°.94 1°.0/13.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 54.92	− 4 41.3	1.714	2.571	14.8	20.5
8 19	23 50.51	− 4 52.9	1.638	2.566	11.3	20.3
8 29	23 43.84	− 5 14.1	1.584	2.561	7.2	20.1
9 8	23 35.57	− 5 40.6	1.554	2.557	2.8	19.8
9 18	23 26.60	− 6 7.3	1.551	2.553	2.3	19.7
9 28	23 18.01	− 6 28.7	1.575	2.549	6.7	20.0
10 8	23 10.83	− 6 40.3	1.624	2.546	10.9	20.3
10 18	23 5.80	− 6 39.2	1.696	2.542	14.5	20.5

49920 1999 XV_{173} 9 14.4 204°.11 5°.6/ 9.2 18

8 9	23 57.58	−15 29.6	1.818	2.684	13.7	18.7
8 19	23 52.45	−16 38.5	1.750	2.681	10.5	18.5
8 29	23 45.05	−17 49.5	1.705	2.677	7.4	18.3
9 8	23 36.04	−18 54.5	1.686	2.672	5.6	18.2
9 18	23 26.35	−19 45.7	1.694	2.667	6.8	18.3
9 28	23 17.11	−20 16.8	1.729	2.661	9.8	18.5
10 8	23 9.32	−20 25.2	1.787	2.655	13.1	18.6
10 18	23 3.72	−20 11.1	1.867	2.648	16.0	18.8

480379 2015 KJ_{39} 9 14.4 19°.43 0°.4/14.1 18

8 9	23 53.44	− 2 3.2	1.556	2.414	16.0	21.2
8 19	23 49.51	− 2 27.5	1.489	2.416	12.3	21.0
8 29	23 43.24	− 3 5.4	1.442	2.419	7.9	20.8
9 8	23 35.34	− 3 52.2	1.419	2.421	3.1	20.5
9 18	23 26.75	− 4 41.6	1.422	2.424	2.0	20.4
9 28	23 18.64	− 5 26.4	1.451	2.428	6.8	20.7
10 8	23 12.05	− 6 0.4	1.505	2.431	11.2	21.0
10 18	23 7.71	− 6 19.8	1.581	2.435	15.0	21.3

444243 2005 UU_{149} 9 14.4 225°.35 0°.6/13.8 18

8 9	23 52.21	− 2 58.6	2.374	3.213	11.8	22.2
8 19	23 47.85	− 3 25.9	2.290	3.208	9.0	22.0
8 29	23 41.86	− 4 2.2	2.229	3.203	5.7	21.8
9 8	23 34.73	− 4 44.0	2.196	3.198	2.2	21.6
9 18	23 27.09	− 5 27.1	2.191	3.193	1.7	21.5
9 28	23 19.69	− 6 6.8	2.215	3.187	5.2	21.8
10 8	23 13.27	− 6 38.8	2.266	3.181	8.6	22.0
10 18	23 8.39	− 7 0.2	2.342	3.175	11.5	22.2

412402 2014 BF_{39} 9 14.4 247°.68 2°.5/16.6 18

8 9	23 55.71	+ 4 37.7	1.908	2.725	15.1	21.6
8 19	23 51.02	+ 4 43.9	1.817	2.716	12.0	21.4
8 29	23 44.17	+ 4 34.9	1.748	2.706	8.4	21.2
9 8	23 35.73	+ 4 11.9	1.703	2.696	4.6	20.9
9 18	23 26.51	+ 3 38.0	1.685	2.686	2.5	20.8
9 28	23 17.52	+ 2 58.2	1.695	2.675	5.7	20.9
10 8	23 9.76	+ 2 18.5	1.732	2.664	9.6	21.2
10 18	23 4.00	+ 1 44.3	1.793	2.653	13.2	21.4

325484 2009 RX_{8} 9 14.4 10°.76 0°.7/13.8 18

8 9	23 53.16	− 4 8.1	2.154	3.000	12.6	20.8
8 19	23 48.67	− 4 21.9	2.079	3.001	9.6	20.6
8 29	23 42.43	− 4 43.8	2.026	3.002	6.1	20.4
9 8	23 34.96	− 5 10.3	2.000	3.003	2.4	20.2
9 18	23 26.98	− 5 37.3	2.002	3.004	1.8	20.1
9 28	23 19.34	− 6 0.4	2.032	3.005	5.5	20.4
10 8	23 12.81	− 6 15.8	2.089	3.006	9.0	20.6
10 18	23 7.98	− 6 21.1	2.169	3.008	12.1	20.8

207863 2007 VJ_{127} 9 14.4 11°.68 0°.9/15.1 18

8 9	23 51.89	+ 0 37.8	1.429	2.287	17.2	20.4
8 19	23 48.51	+ 0 27.8	1.364	2.289	13.3	20.1
8 29	23 42.69	+ 0 1.3	1.318	2.292	8.8	19.9
9 8	23 35.14	− 0 38.0	1.295	2.296	3.8	19.6
9 18	23 26.88	− 1 24.3	1.297	2.301	1.7	19.5
9 28	23 19.12	− 2 9.9	1.325	2.306	6.6	19.8
10 8	23 12.97	− 2 48.0	1.376	2.312	11.3	20.1
10 18	23 9.16	− 3 13.3	1.450	2.319	15.3	20.4

143848 2003 YZ_{5} 9 14.4 351°.89 10°.0/20.4 18

8 9	23 52.79	+13 13.0	1.083	1.913	23.4	18.4
8 19	23 50.24	+14 52.6	1.014	1.904	20.0	18.1
8 29	23 44.43	+16 6.3	0.961	1.898	16.1	17.9
9 8	23 36.05	+16 48.4	0.926	1.892	12.3	17.7
9 18	23 26.31	+16 55.8	0.911	1.889	10.1	17.5
9 28	23 16.96	+16 31.4	0.916	1.886	11.0	17.6
10 8	23 9.67	+15 45.0	0.943	1.886	14.2	17.8
10 18	23 5.60	+14 48.7	0.988	1.887	18.1	18.0

324383 2006 RS_{78} 9 14.4 61°.94 0°.5/14.1 17

8 9	23 54.74	− 0 17.9	1.270	2.133	18.6	21.1
8 19	23 50.72	− 1 5.2	1.221	2.151	14.1	20.9
8 29	23 44.07	− 2 10.9	1.192	2.170	9.0	20.7
9 8	23 35.65	− 3 27.8	1.186	2.189	3.5	20.4
9 18	23 26.65	− 4 46.7	1.205	2.208	2.2	20.4
9 28	23 18.43	− 5 57.5	1.249	2.227	7.6	20.8
10 8	23 12.10	− 6 52.5	1.317	2.246	12.3	21.1
10 18	23 8.35	− 7 27.5	1.406	2.265	16.3	21.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
173846 2001 TX_{125}			9 14.4	8°.93	4°.7/18.4	18
	h m	° ′			°	m
8 9	23 52.93	+ 8 47.0	1.636	2.451	17.3	19.3
8 19	23 49.12	+ 9 17.8	1.562	2.453	14.1	19.1
8 29	23 43.03	+ 9 28.9	1.507	2.455	10.4	18.9
9 8	23 35.28	+ 9 20.6	1.475	2.457	6.7	18.7
9 18	23 26.80	+ 8 54.9	1.468	2.461	4.7	18.6
9 28	23 18.71	+ 8 16.9	1.486	2.465	6.5	18.7
10 8	23 12.04	+ 7 33.5	1.530	2.469	10.1	18.9
10 18	23 7.57	+ 6 51.9	1.597	2.474	13.6	19.2
463425 2013 JH_{46}			9 14.4	26°.31	4°.7/11.1	17
8 9	23 48.78	− 7 2.2	0.870	1.780	20.7	19.7
8 19	23 47.05	− 8 26.5	0.836	1.793	15.5	19.4
8 29	23 42.07	−10 5.2	0.819	1.807	9.8	19.2
9 8	23 34.92	−11 44.6	0.822	1.823	5.1	19.0
9 18	23 27.09	−13 9.9	0.846	1.841	6.5	19.2
9 28	23 20.24	−14 9.4	0.892	1.860	11.5	19.5
10 8	23 15.70	−14 37.3	0.957	1.880	16.4	19.9
10 18	23 14.17	−14 34.0	1.039	1.901	20.4	20.2
261660 2005 YC_{111}			9 14.4	174°.92	0°.1/14.3	18
8 9	23 50.61	− 1 0.9	2.595	3.427	11.2	21.5
8 19	23 46.48	− 1 35.5	2.515	3.428	8.5	21.4
8 29	23 40.91	− 2 19.7	2.458	3.429	5.5	21.2
9 8	23 34.34	− 3 10.4	2.428	3.430	2.2	21.0
9 18	23 27.36	− 4 3.3	2.428	3.431	1.3	20.9
9 28	23 20.62	− 4 54.0	2.457	3.431	4.6	21.1
10 8	23 14.76	− 5 38.0	2.514	3.431	7.7	21.3
10 18	23 10.27	− 6 12.3	2.596	3.431	10.4	21.5
348029 2003 UG_{4}			9 14.4	294°.44	8°.0/22.1	18
8 9	23 51.36	+19 10.8	1.846	2.598	17.9	20.6
8 19	23 48.09	+19 40.7	1.739	2.574	15.5	20.4
8 29	23 42.54	+19 45.5	1.650	2.550	12.8	20.2
9 8	23 35.19	+19 22.3	1.581	2.525	10.1	20.0
9 18	23 26.82	+18 30.4	1.536	2.501	8.2	19.8
9 28	23 18.49	+17 13.1	1.516	2.477	8.4	19.8
10 8	23 11.33	+15 38.5	1.521	2.452	10.7	19.8
10 18	23 6.24	+13 56.4	1.549	2.428	13.9	20.0
23341 3503 P–L			9 14.5	39°.55	7°.5/21.9	18
8 9	23 51.38	+17 35.6	1.539	2.317	19.8	18.1
8 19	23 48.05	+17 57.5	1.474	2.329	16.8	17.9
8 29	23 42.37	+17 50.3	1.426	2.341	13.4	17.7
9 8	23 35.03	+17 13.0	1.398	2.354	10.0	17.5
9 18	23 27.00	+16 8.1	1.393	2.368	7.7	17.4
9 28	23 19.48	+14 42.5	1.413	2.382	8.0	17.5
10 8	23 13.51	+13 6.6	1.458	2.396	10.5	17.7
10 18	23 9.84	+11 30.8	1.526	2.411	13.7	17.9
279640 2011 EC_{73}			9 14.5	254°.68	3°.1/17.3	17
8 9	23 53.23	+ 7 30.8	1.677	2.496	16.8	21.0
8 19	23 49.41	+ 7 18.7	1.590	2.487	13.5	20.8
8 29	23 43.29	+ 6 45.1	1.523	2.479	9.6	20.5
9 8	23 35.44	+ 5 51.7	1.479	2.470	5.5	20.3
9 18	23 26.75	+ 4 42.8	1.462	2.461	3.1	20.1
9 28	23 18.34	+ 3 25.8	1.471	2.452	6.1	20.3
10 8	23 11.29	+ 2 9.4	1.506	2.443	10.4	20.5
10 18	23 6.41	+ 1 1.6	1.564	2.434	14.3	20.7
147613 2004 HJ_{3}			9 14.5	171°.88	2°.8/17.0	17
8 9	23 57.16	+ 6 14.5	1.925	2.733	15.4	20.9
8 19	23 51.99	+ 6 14.7	1.844	2.736	12.3	20.6
8 29	23 44.72	+ 5 58.0	1.785	2.738	8.6	20.4
9 8	23 35.95	+ 5 26.1	1.750	2.740	4.9	20.2
9 18	23 26.51	+ 4 42.4	1.743	2.742	2.8	20.1
9 28	23 17.42	+ 3 52.4	1.764	2.743	5.6	20.3
10 8	23 9.63	+ 3 2.4	1.812	2.743	9.3	20.5
10 18	23 3.85	+ 2 18.2	1.884	2.743	12.8	20.7
119472 2001 UM_{16}			9 14.5	331°.10	2°.6/12.5	18
8 9	23 50.64	− 6 5.3	1.255	2.139	17.4	18.4
8 19	23 48.09	− 6 42.2	1.179	2.123	13.3	18.1
8 29	23 42.76	− 7 32.7	1.124	2.107	8.5	17.8
9 8	23 35.32	− 8 30.1	1.090	2.093	3.7	17.4
9 18	23 26.83	− 9 25.3	1.080	2.079	4.1	17.4
9 28	23 18.71	−10 8.9	1.094	2.066	9.2	17.7
10 8	23 12.32	−10 33.7	1.130	2.055	14.2	17.9
10 18	23 8.61	−10 36.3	1.185	2.044	18.6	18.2
447258 2005 UC_{311}			9 14.5	3°.94	0°.5/15.0	18
8 9	23 50.02	+ 1 30.2	1.965	2.804	13.9	21.8
8 19	23 46.51	+ 0 55.4	1.888	2.804	10.8	21.6
8 29	23 41.15	+ 0 5.8	1.833	2.804	7.1	21.4
9 8	23 34.51	− 0 54.6	1.803	2.804	3.0	21.1
9 18	23 27.31	− 2 0.5	1.801	2.805	1.4	21.0
9 28	23 20.43	− 3 5.4	1.827	2.805	5.4	21.3
10 8	23 14.68	− 4 2.9	1.878	2.806	9.3	21.5
10 18	23 10.69	− 4 48.4	1.954	2.807	12.6	21.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
359202 2009 DU_{57}			9 14.5	313°.51	2°.0/12.7	17
	h m	° ′			°	m
8 9	23 49.86	− 3 32.7	1.468	2.340	16.1	20.9
8 19	23 47.43	− 4 27.8	1.363	2.300	12.4	20.5
8 29	23 42.41	− 5 42.0	1.279	2.260	8.0	20.2
9 8	23 35.25	− 7 9.8	1.217	2.220	3.3	19.8
9 18	23 26.80	− 8 42.6	1.181	2.181	3.6	19.7
9 28	23 18.30	−10 9.1	1.170	2.141	8.9	19.9
10 8	23 11.11	−11 19.2	1.182	2.103	14.2	20.1
10 18	23 6.33	−12 5.7	1.215	2.064	18.9	20.3
55374 2001 SE_{244}			9 14.5	167°.98	1°.5/13.1	18
8 9	23 55.33	− 4 24.1	1.745	2.599	14.7	19.9
8 19	23 50.74	− 5 4.9	1.674	2.601	11.2	19.7
8 29	23 43.97	− 5 56.9	1.625	2.603	7.1	19.5
9 8	23 35.66	− 6 54.6	1.601	2.604	2.8	19.2
9 18	23 26.70	− 7 51.2	1.605	2.605	2.8	19.2
9 28	23 18.17	− 8 40.0	1.636	2.606	7.0	19.5
10 8	23 11.05	− 9 15.5	1.693	2.607	11.0	19.7
10 18	23 6.04	− 9 34.8	1.772	2.607	14.5	19.9
304452 2006 US_{14}			9 14.5	261°.50	1°.7/12.7	18
8 9	23 52.31	− 5 35.7	2.066	2.920	12.8	21.3
8 19	23 48.18	− 6 15.7	1.987	2.915	9.7	21.0
8 29	23 42.22	− 7 4.5	1.932	2.909	6.1	20.8
9 8	23 34.94	− 7 57.5	1.902	2.904	2.5	20.6
9 18	23 27.09	− 8 48.9	1.900	2.898	2.7	20.6
9 28	23 19.53	− 9 33.1	1.926	2.893	6.4	20.8
10 8	23 13.10	−10 5.4	1.978	2.888	9.9	21.0
10 18	23 8.41	−10 23.2	2.054	2.882	13.1	21.2
477056 2009 BE_{21}			9 14.5	336°.68	2°.9/12.0	16
8 9	23 45.87	− 5 18.2	1.201	2.094	17.4	20.4
8 19	23 44.54	− 6 15.9	1.125	2.073	13.3	20.1
8 29	23 40.53	− 7 31.1	1.067	2.053	8.5	19.8
9 8	23 34.45	− 8 55.8	1.032	2.035	3.8	19.5
9 18	23 27.32	−10 19.5	1.020	2.018	4.6	19.5
9 28	23 20.51	−11 30.2	1.031	2.003	9.7	19.7
10 8	23 15.37	−12 18.5	1.063	1.989	14.9	20.0
10 18	23 12.85	−12 39.9	1.114	1.977	19.3	20.2
445824 2012 BF_{152}			9 14.5	317°.21	2°.1/11.9	18
8 9	23 49.40	− 5 38.8	2.060	2.919	12.6	20.7
8 19	23 45.99	− 6 42.2	1.983	2.914	9.5	20.5
8 29	23 40.81	− 7 55.6	1.930	2.910	6.0	20.3
9 8	23 34.38	− 9 13.3	1.904	2.905	2.7	20.1
9 18	23 27.40	−10 28.6	1.905	2.901	3.2	20.1
9 28	23 20.71	−11 34.7	1.934	2.897	6.7	20.3
10 8	23 15.09	−12 26.3	1.989	2.893	10.2	20.6
10 18	23 11.15	−13 0.5	2.067	2.889	13.2	20.8
195138 2002 CG_{179}			9 14.5	150°.68	0°.6/15.0	18
8 9	23 56.04	+ 0 21.8	1.905	2.738	14.5	21.0
8 19	23 51.10	+ 0 6.9	1.830	2.743	11.2	20.8
8 29	23 44.11	− 0 21.0	1.778	2.747	7.4	20.6
9 8	23 35.70	− 0 58.4	1.751	2.752	3.2	20.3
9 18	23 26.69	− 1 40.9	1.752	2.756	1.4	20.2
9 28	23 18.08	− 2 22.8	1.781	2.759	5.6	20.5
10 8	23 10.78	− 2 58.5	1.837	2.762	9.6	20.8
10 18	23 5.46	− 3 24.1	1.917	2.765	13.0	21.0
516106 2015 UB_{13}			9 14.5	201°.45	4°.0/ 9.9	18
8 9	23 55.67	−16 3.5	2.568	3.422	10.6	22.0
8 19	23 50.33	−16 37.7	2.496	3.420	8.1	21.8
8 29	23 43.39	−17 11.7	2.448	3.417	5.6	21.7
9 8	23 35.36	−17 40.7	2.428	3.414	4.1	21.6
9 18	23 26.89	−18 0.4	2.436	3.411	4.8	21.6
9 28	23 18.76	−18 7.5	2.473	3.408	7.1	21.8
10 8	23 11.65	−18 0.1	2.536	3.404	9.7	21.9
10 18	23 6.10	−17 38.4	2.623	3.400	12.0	22.1
265297 2004 GY_{58}			9 14.5	79°.54	1°.5/13.1	17
8 9	23 55.89	− 3 31.1	1.510	2.369	16.4	20.7
8 19	23 51.24	− 4 21.0	1.459	2.388	12.3	20.5
8 29	23 44.26	− 5 23.5	1.429	2.407	7.7	20.3
9 8	23 35.74	− 6 31.9	1.423	2.426	3.0	20.1
9 18	23 26.71	− 7 38.1	1.444	2.445	2.9	20.1
9 28	23 18.36	− 8 34.4	1.492	2.464	7.4	20.5
10 8	23 11.69	− 9 15.1	1.565	2.482	11.5	20.8
10 18	23 7.33	− 9 37.4	1.660	2.500	15.1	21.0
21342 1997 CS_{28}			9 14.5	339°.24	2°.6/12.2	18
8 9	23 53.01	− 6 52.5	1.580	2.449	15.2	18.6
8 19	23 49.23	− 7 36.1	1.510	2.446	11.5	18.3
8 29	23 43.13	− 8 29.8	1.461	2.442	7.3	18.1
9 8	23 35.37	− 9 27.1	1.437	2.439	3.3	17.8
9 18	23 26.88	−10 20.5	1.439	2.436	3.8	17.9
9 28	23 18.83	−11 2.7	1.467	2.433	8.0	18.1
10 8	23 12.26	−11 28.4	1.519	2.431	12.2	18.4
10 18	23 7.93	−11 35.2	1.592	2.429	15.8	18.6

256965 2008 EL_{87} 9 14.5 104°.25 1°.3/16.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 50.79	+ 4 33.0	2.311	3.127	12.9	21.2
8 19	23 46.74	+ 3 54.0	2.240	3.141	10.0	21.0
8 29	23 41.12	+ 3 0.6	2.192	3.154	6.7	20.8
9 8	23 34.46	+ 1 55.9	2.171	3.167	3.3	20.6
9 18	23 27.40	+ 0 44.8	2.177	3.180	1.5	20.5
9 28	23 20.67	− 0 27.0	2.213	3.193	4.6	20.7
10 8	23 14.96	− 1 33.8	2.277	3.205	7.9	21.0
10 18	23 10.77	− 2 31.0	2.366	3.217	10.8	21.2

39602 1993 TH_{20} 9 14.5 7°.40 2°.6/11.8 18

8 9	23 52.50	− 8 57.4	2.064	2.925	12.5	19.0
8 19	23 48.28	− 9 33.2	1.994	2.925	9.4	18.9
8 29	23 42.24	−10 14.7	1.947	2.926	6.0	18.7
9 8	23 34.94	−10 56.6	1.927	2.926	3.0	18.5
9 18	23 27.14	−11 33.8	1.933	2.927	3.6	18.5
9 28	23 19.70	−12 1.2	1.968	2.928	6.8	18.7
10 8	23 13.43	−12 15.5	2.028	2.930	10.1	18.9
10 18	23 8.91	−12 15.0	2.111	2.931	13.1	19.1

436344 2010 JP_{14} 9 14.5 105°.19 15°.6/26.5 18

8 9	0 5.37	−47 0.7	1.803	2.604	16.5	20.0
8 19	23 59.08	−48 49.1	1.784	2.606	15.8	20.0
8 29	23 49.54	−50 11.2	1.785	2.608	15.6	20.0
9 8	23 37.87	−50 57.2	1.804	2.609	16.0	20.0
9 18	23 25.61	−51 1.3	1.842	2.611	17.0	20.1
9 28	23 14.48	−50 23.1	1.897	2.613	18.1	20.2
10 8	23 5.83	−49 7.3	1.966	2.614	19.3	20.3
10 18	23 0.38	−47 21.1	2.049	2.616	20.4	20.5

97684 2000 GZ_{16} 9 14.5 272°.31 0°.2/14.2 18

8 9	23 50.37	− 1 34.9	2.451	3.288	11.6	19.8
8 19	23 46.49	− 2 4.7	2.360	3.276	8.9	19.6
8 29	23 41.04	− 2 44.6	2.292	3.265	5.7	19.4
9 8	23 34.47	− 3 31.2	2.251	3.253	2.2	19.2
9 18	23 27.38	− 4 20.5	2.239	3.242	1.4	19.1
9 28	23 20.48	− 5 7.6	2.255	3.230	5.0	19.3
10 8	23 14.47	− 5 48.0	2.299	3.218	8.3	19.5
10 18	23 9.91	− 6 18.4	2.368	3.206	11.2	19.7

61997 2000 RR_{34} 9 14.5 59°.63 2°.6/16.6 18

8 9	23 57.49	+ 4 40.2	1.447	2.281	18.3	18.7
8 19	23 52.51	+ 4 44.0	1.398	2.305	14.3	18.6
8 29	23 45.10	+ 4 28.4	1.367	2.330	9.8	18.4
9 8	23 36.08	+ 3 56.4	1.360	2.355	5.2	18.2
9 18	23 26.58	+ 3 13.0	1.379	2.380	2.7	18.1
9 28	23 17.81	+ 2 25.4	1.423	2.405	6.3	18.4
10 8	23 10.84	+ 1 41.0	1.493	2.430	10.5	18.7
10 18	23 6.30	+ 1 5.6	1.586	2.455	14.2	19.0

451380 2011 BR_{2} 9 14.5 316°.25 5°.2/ 8.5 17

8 9	23 51.79	−16 51.9	2.152	3.022	11.7	21.1
8 19	23 47.77	−17 53.9	2.084	3.016	9.0	20.9
8 29	23 41.93	−18 56.3	2.040	3.010	6.5	20.7
9 8	23 34.84	−19 52.6	2.022	3.004	5.2	20.6
9 18	23 27.21	−20 36.6	2.030	2.998	6.3	20.7
9 28	23 19.93	−21 3.4	2.066	2.993	8.8	20.9
10 8	23 13.77	−21 10.6	2.126	2.987	11.5	21.0
10 18	23 9.35	−20 58.2	2.207	2.982	14.0	21.2

23506 1992 EC_{8} 9 14.5 262°.62 0°.1/14.4 18

8 9	23 52.31	− 0 14.4	1.878	2.721	14.3	19.5
8 19	23 48.42	− 0 49.3	1.795	2.714	11.0	19.2
8 29	23 42.50	− 1 38.5	1.733	2.706	7.2	19.0
9 8	23 35.12	− 2 37.9	1.697	2.699	2.9	18.7
9 18	23 27.05	− 3 41.8	1.688	2.691	1.6	18.6
9 28	23 19.26	− 4 43.3	1.706	2.683	6.0	18.9
10 8	23 12.68	− 5 36.1	1.751	2.675	10.1	19.1
10 18	23 8.01	− 6 15.3	1.819	2.667	13.7	19.3

452441 2003 QU_{112} 9 14.5 24°.70 11°.0/29.5 16

8 9	23 46.86	+29 53.3	1.605	2.304	22.0	20.1
8 19	23 44.68	+30 19.7	1.547	2.324	19.7	20.0
8 29	23 40.22	+30 9.5	1.502	2.345	17.1	19.8
9 8	23 34.20	+29 20.0	1.475	2.367	14.4	19.7
9 18	23 27.59	+27 52.3	1.467	2.391	12.1	19.7
9 28	23 21.53	+25 52.7	1.482	2.415	11.1	19.7
10 8	23 17.00	+23 32.6	1.521	2.441	11.6	19.8
10 18	23 14.66	+21 5.1	1.583	2.467	13.4	19.9

223189 2003 AF_{52} 9 14.5 223°.16 0°.1/14.4 18

8 9	23 56.18	− 1 9.4	1.835	2.676	14.7	20.9
8 19	23 51.42	− 1 31.6	1.752	2.669	11.3	20.6
8 29	23 44.47	− 2 6.7	1.690	2.662	7.4	20.4
9 8	23 35.92	− 2 50.9	1.653	2.655	3.0	20.1
9 18	23 26.62	− 3 39.1	1.644	2.647	1.7	20.0
9 28	23 17.63	− 4 24.9	1.663	2.639	6.2	20.3
10 8	23 9.95	− 5 2.4	1.708	2.630	10.4	20.5
10 18	23 4.33	− 5 27.7	1.776	2.621	14.1	20.7

366024 2012 BE_{135} 9 14.5 168°.94 2°.2/11.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 51.86	− 8 33.3	2.549	3.400	10.7	21.9
8 19	23 47.46	− 9 18.5	2.476	3.402	8.1	21.7
8 29	23 41.57	−10 8.8	2.428	3.404	5.1	21.5
9 8	23 34.66	−10 59.9	2.407	3.406	2.6	21.3
9 18	23 27.34	−11 46.9	2.415	3.408	3.1	21.4
9 28	23 20.29	−12 25.6	2.452	3.409	5.9	21.6
10 8	23 14.18	−12 52.7	2.516	3.410	8.7	21.8
10 18	23 9.51	−13 6.3	2.604	3.410	11.3	21.9

123716 2000 YP_{125} 9 14.5 169°.90 4°.4/ 8.9 18

8 9	23 53.91	−17 12.4	2.598	3.456	10.4	20.1
8 19	23 48.99	−18 2.2	2.533	3.458	8.0	20.0
8 29	23 42.53	−18 51.4	2.493	3.460	5.7	19.8
9 8	23 35.03	−19 34.7	2.480	3.462	4.5	19.8
9 18	23 27.14	−20 7.6	2.496	3.463	5.3	19.8
9 28	23 19.58	−20 26.3	2.540	3.464	7.5	20.0
10 8	23 13.01	−20 29.2	2.609	3.465	9.8	20.1
10 18	23 7.96	−20 16.2	2.702	3.466	12.0	20.3

92209 Pingtang 9 14.5 286°.96 4°.2/10.2 18

8 9	23 54.47	−14 34.9	2.165	3.028	11.9	18.3
8 19	23 49.81	−15 14.5	2.086	3.016	9.1	18.1
8 29	23 43.26	−15 55.6	2.032	3.005	6.3	17.9
9 8	23 35.39	−16 32.7	2.003	2.994	4.3	17.8
9 18	23 26.93	−17 0.2	2.003	2.983	5.2	17.8
9 28	23 18.78	−17 13.7	2.029	2.971	8.0	18.0
10 8	23 11.77	−17 10.8	2.081	2.960	11.0	18.1
10 18	23 6.55	−16 50.9	2.156	2.949	13.7	18.3

179220 2001 TT_{241} 9 14.5 337°.26 0°.6/15.1 18

8 9	23 51.62	+ 0 39.0	1.831	2.674	14.6	20.3
8 19	23 47.90	+ 0 19.9	1.752	2.670	11.3	20.0
8 29	23 42.17	− 0 13.3	1.695	2.666	7.5	19.8
9 8	23 34.98	− 0 57.2	1.662	2.662	3.2	19.5
9 18	23 27.15	− 1 46.9	1.655	2.659	1.5	19.4
9 28	23 19.64	− 2 36.2	1.676	2.656	5.8	19.7
10 8	23 13.36	− 3 18.9	1.723	2.653	9.8	19.9
10 18	23 9.00	− 3 50.6	1.793	2.650	13.4	20.2

96486 1998 HZ_{148} 9 14.5 132°.61 5°.6/20.9 18

8 9	23 53.35	+16 15.3	2.052	2.810	16.1	19.8
8 19	23 49.03	+16 15.9	1.973	2.819	13.5	19.6
8 29	23 42.79	+15 53.6	1.913	2.827	10.6	19.4
9 8	23 35.20	+15 8.5	1.876	2.835	7.7	19.3
9 18	23 27.05	+14 3.1	1.865	2.843	5.7	19.2
9 28	23 19.24	+12 42.8	1.882	2.851	6.3	19.2
10 8	23 12.64	+11 15.4	1.925	2.858	8.8	19.4
10 18	23 7.88	+ 9 48.9	1.994	2.865	11.6	19.6

490847 2010 XT_{29} 9 14.5 316°.76 0°.6/13.3 15

8 9	23 45.48	− 5 2.5	4.115	4.951	7.3	21.5
8 19	23 42.16	− 5 24.0	4.027	4.946	5.5	21.3
8 29	23 37.96	− 5 49.7	3.966	4.940	3.4	21.2
9 8	23 33.19	− 6 17.4	3.932	4.935	1.3	21.0
9 18	23 28.16	− 6 45.1	3.929	4.929	1.2	21.0
9 28	23 23.26	− 7 10.2	3.955	4.924	3.3	21.2
10 8	23 18.86	− 7 30.8	4.010	4.918	5.4	21.3
10 18	23 15.26	− 7 45.1	4.091	4.913	7.2	21.4

480609 2015 MP_{104} 9 14.5 20°.55 0°.9/15.2 18

8 9	23 52.52	+ 1 3.6	1.662	2.508	15.7	21.0
8 19	23 48.71	+ 0 48.3	1.592	2.511	12.2	20.7
8 29	23 42.73	+ 0 17.7	1.543	2.514	8.1	20.5
9 8	23 35.22	− 0 24.7	1.518	2.518	3.5	20.3
9 18	23 27.06	− 1 13.4	1.519	2.522	1.6	20.1
9 28	23 19.33	− 2 1.8	1.546	2.527	6.0	20.4
10 8	23 13.00	− 2 43.5	1.599	2.531	10.3	20.7
10 18	23 8.77	− 3 13.8	1.675	2.537	14.0	20.9

103467 2000 AD_{209} 9 14.5 248°.51 2°.4/12.4 18

8 9	23 54.46	− 5 34.6	1.636	2.499	15.2	19.6
8 19	23 50.37	− 6 29.0	1.558	2.490	11.5	19.4
8 29	23 43.92	− 7 35.7	1.502	2.481	7.3	19.1
9 8	23 35.75	− 8 48.3	1.470	2.472	3.2	18.8
9 18	23 26.75	− 9 58.6	1.465	2.463	3.7	18.8
9 28	23 18.10	−10 58.4	1.487	2.453	8.0	19.1
10 8	23 10.89	−11 41.4	1.533	2.443	12.2	19.3
10 18	23 5.91	−12 4.2	1.602	2.433	16.0	19.5

432604 2010 TL_{126} 9 14.5 293°.87 0°.2/14.6 15

8 9	23 57.22	− 1 54.2	1.359	2.218	17.8	22.0
8 19	23 53.05	− 1 54.2	1.276	2.203	13.9	21.7
8 29	23 45.99	− 2 8.4	1.212	2.188	9.1	21.4
9 8	23 36.68	− 2 33.3	1.172	2.174	3.8	21.1
9 18	23 26.22	− 3 3.6	1.156	2.159	2.0	20.9
9 28	23 16.06	− 3 32.1	1.165	2.145	7.7	21.2
10 8	23 7.63	− 3 52.0	1.198	2.131	12.9	21.5
10 18	23 1.95	− 3 58.6	1.252	2.117	17.5	21.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
476134 2007 TR_{241}			9 14.5 222°.29	5°.1/ 9.3 18		
	h m	° ′			°	m
8 9	23 56.77	−16 54.2	2.160	3.021	12.1	21.5
8 19	23 51.54	−17 43.8	2.088	3.015	9.3	21.3
8 29	23 44.36	−18 33.3	2.040	3.008	6.6	21.1
9 8	23 35.84	−19 16.4	2.018	3.001	5.1	21.0
9 18	23 26.75	−19 47.3	2.024	2.994	6.1	21.1
9 28	23 18.02	−20 1.5	2.057	2.987	8.6	21.2
10 8	23 10.52	−19 57.0	2.115	2.979	11.5	21.4
10 18	23 4.88	−19 34.1	2.196	2.971	14.1	21.6
202490 2006 BL_{60}			9 14.5 9°.57	1°.9/15.7 18		
8 9	23 52.03	+ 1 13.6	1.182	2.050	19.4	18.8
8 19	23 49.08	+ 1 29.2	1.122	2.052	15.1	18.5
8 29	23 43.31	+ 1 26.5	1.081	2.056	10.2	18.3
9 8	23 35.53	+ 1 8.3	1.061	2.061	4.8	18.0
9 18	23 26.92	+ 0 39.8	1.064	2.067	2.3	17.9
9 28	23 18.92	+ 0 8.3	1.091	2.075	7.2	18.2
10 8	23 12.82	− 0 18.3	1.140	2.084	12.2	18.5
10 18	23 9.43	− 0 34.5	1.210	2.094	16.6	18.8
478913 2012 XZ			9 14.5 252°.02	2°.8/17.3 18		
8 9	23 52.76	+ 7 3.5	1.976	2.787	14.9	21.8
8 19	23 48.74	+ 6 54.0	1.885	2.778	12.0	21.6
8 29	23 42.72	+ 6 26.5	1.815	2.768	8.5	21.4
9 8	23 35.24	+ 5 42.8	1.769	2.759	4.9	21.2
9 18	23 27.05	+ 4 46.2	1.750	2.749	2.8	21.0
9 28	23 19.08	+ 3 42.6	1.759	2.739	5.4	21.2
10 8	23 12.25	+ 2 39.0	1.795	2.729	9.2	21.4
10 18	23 7.27	+ 1 41.7	1.855	2.719	12.7	21.6
444348 2005 WW_{144}			9 14.5 0°.59	7°.0/20.5 15		
8 9	23 46.93	+13 11.8	1.359	2.179	20.0	20.7
8 19	23 45.04	+13 54.1	1.289	2.175	16.8	20.4
8 29	23 40.68	+14 9.9	1.235	2.173	13.1	20.2
9 8	23 34.49	+13 57.6	1.201	2.173	9.5	20.0
9 18	23 27.46	+13 18.8	1.189	2.174	7.2	19.9
9 28	23 20.81	+12 19.5	1.201	2.177	8.0	20.0
10 8	23 15.72	+11 9.4	1.235	2.182	11.2	20.1
10 18	23 13.02	+ 9 58.5	1.291	2.188	14.8	20.4
119209 2001 QC_{159}			9 14.5 38°.66	0°.8/15.0 18		
8 9	23 57.67	− 0 54.3	1.346	2.202	18.1	19.4
8 19	23 53.03	− 0 45.9	1.285	2.210	14.0	19.2
8 29	23 45.67	− 0 51.9	1.245	2.219	9.2	18.9
9 8	23 36.43	− 1 8.9	1.227	2.228	3.9	18.6
9 18	23 26.45	− 1 31.8	1.234	2.237	1.8	18.5
9 28	23 17.13	− 1 54.4	1.266	2.247	7.0	18.9
10 8	23 9.67	− 2 10.5	1.323	2.257	11.8	19.2
10 18	23 4.87	− 2 16.0	1.402	2.268	15.9	19.5
482397 2012 BO_{15}			9 14.5 297°.13	4°.3/ 9.4 18		
8 9	23 50.56	−12 44.8	2.081	2.951	12.1	21.0
8 19	23 46.92	−13 58.4	2.009	2.944	9.1	20.8
8 29	23 41.45	−15 16.5	1.961	2.937	6.2	20.6
9 8	23 34.70	−16 32.2	1.939	2.930	4.4	20.5
9 18	23 27.38	−17 38.6	1.945	2.923	5.5	20.5
9 28	23 20.36	−18 29.5	1.977	2.916	8.3	20.7
10 8	23 14.44	−19 1.1	2.035	2.910	11.4	20.9
10 18	23 10.25	−19 12.2	2.114	2.903	14.1	21.0
519355 2011 KB_{34}			9 14.5 9°.45	9°.3/ 5.3 18		
8 9	23 51.38	−21 0.3	1.401	2.293	15.5	20.4
8 19	23 48.33	−22 58.3	1.355	2.294	12.4	20.2
8 29	23 42.70	−24 53.1	1.332	2.295	10.0	20.1
9 8	23 35.25	−26 31.9	1.332	2.297	9.4	20.1
9 18	23 27.11	−27 43.7	1.355	2.300	11.1	20.2
9 28	23 19.58	−28 21.7	1.401	2.304	13.9	20.3
10 8	23 13.80	−28 24.6	1.466	2.308	16.9	20.5
10 18	23 10.52	−27 55.5	1.549	2.312	19.5	20.8
518966 2010 HL_{45}			9 14.5 164°.74	2°.8/17.8 18		
8 9	23 52.48	+ 8 18.3	2.264	3.060	13.7	21.7
8 19	23 48.18	+ 8 5.3	2.180	3.063	11.0	21.5
8 29	23 42.17	+ 7 35.7	2.119	3.066	7.9	21.3
9 8	23 34.97	+ 6 51.3	2.082	3.068	4.7	21.1
9 18	23 27.25	+ 5 55.3	2.073	3.070	2.8	21.0
9 28	23 19.80	+ 4 53.0	2.093	3.072	4.8	21.2
10 8	23 13.39	+ 3 50.2	2.141	3.074	8.0	21.4
10 18	23 8.59	+ 2 52.6	2.214	3.075	11.0	21.6
17107 1999 JJ_{51}			9 14.5 31°.36	1°.8/12.7 18		
8 9	23 52.17	− 5 39.2	1.947	2.804	13.3	17.8
8 19	23 48.15	− 6 20.3	1.876	2.805	10.0	17.6
8 29	23 42.23	− 7 10.4	1.829	2.807	6.3	17.3
9 8	23 35.01	− 8 4.3	1.807	2.810	2.7	17.1
9 18	23 27.24	− 8 56.0	1.813	2.812	2.9	17.1
9 28	23 19.84	− 9 39.8	1.847	2.814	6.6	17.4
10 8	23 13.66	−10 10.9	1.906	2.817	10.2	17.6
10 18	23 9.29	−10 26.8	1.988	2.819	13.3	17.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
389810 2011 UD_{404}			9 14.5 210°.62	2°.8/ 8.0 17		
	h m	° ′			°	m
8 9	23 44.48	−17 17.6	4.687	5.544	6.1	21.0
8 19	23 41.34	−18 7.4	4.617	5.541	4.7	20.9
8 29	23 37.43	−18 56.8	4.573	5.539	3.4	20.8
9 8	23 33.00	−19 43.2	4.559	5.536	2.8	20.8
9 18	23 28.34	−20 23.9	4.573	5.534	3.4	20.8
9 28	23 23.81	−20 56.8	4.617	5.531	4.6	20.9
10 8	23 19.72	−21 20.4	4.688	5.529	6.1	21.0
10 18	23 16.36	−21 33.9	4.783	5.526	7.4	21.1
167191 2003 SQ_{306}			9 14.5 197°.10	4°.7/20.0 18		
8 9	23 54.52	+14 8.5	2.480	3.234	13.7	20.7
8 19	23 49.69	+14 19.2	2.385	3.231	11.5	20.5
8 29	23 43.16	+14 12.4	2.311	3.227	8.9	20.4
9 8	23 35.39	+13 47.9	2.261	3.223	6.4	20.2
9 18	23 27.03	+13 7.3	2.239	3.218	4.8	20.1
9 28	23 18.86	+12 14.1	2.245	3.213	5.5	20.1
10 8	23 11.66	+11 13.8	2.279	3.207	7.9	20.3
10 18	23 6.02	+10 12.2	2.340	3.200	10.5	20.4
370891 2005 EM_{224}			9 14.5 241°.03	3°.2/11.9 18		
8 9	23 57.72	− 8 20.5	1.540	2.405	15.8	21.2
8 19	23 53.01	− 9 3.8	1.464	2.398	12.0	21.0
8 29	23 45.71	− 9 56.2	1.411	2.390	7.7	20.7
9 8	23 36.51	−10 50.8	1.381	2.382	3.8	20.4
9 18	23 26.43	−11 39.7	1.378	2.373	4.5	20.5
9 28	23 16.76	−12 15.5	1.401	2.364	8.7	20.7
10 8	23 8.72	−12 33.0	1.449	2.355	13.0	20.9
10 18	23 3.15	−12 30.5	1.517	2.346	16.8	21.2
476687 2008 TP_{88}			9 14.5 271°.62	2°.8/16.9 18		
8 9	23 54.06	+ 5 46.6	1.779	2.600	15.9	21.9
8 19	23 49.98	+ 5 47.1	1.689	2.589	12.7	21.7
8 29	23 43.66	+ 5 29.8	1.620	2.577	9.0	21.4
9 8	23 35.68	+ 4 56.0	1.574	2.566	5.0	21.2
9 18	23 26.86	+ 4 9.3	1.555	2.555	2.8	21.0
9 28	23 18.27	+ 3 15.4	1.562	2.543	5.9	21.2
10 8	23 10.96	+ 2 21.7	1.596	2.532	10.0	21.4
10 18	23 5.72	+ 1 34.5	1.653	2.520	13.8	21.6
144416 2004 EZ_{11}			9 14.5 297°.12	1°.8/15.7 18		
8 9	23 55.84	+ 1 40.4	1.422	2.270	17.8	20.4
8 19	23 51.96	+ 1 49.9	1.333	2.251	14.1	20.1
8 29	23 45.29	+ 1 42.7	1.263	2.233	9.6	19.8
9 8	23 36.44	+ 1 20.7	1.216	2.215	4.6	19.5
9 18	23 26.41	+ 0 47.9	1.193	2.196	2.2	19.2
9 28	23 16.58	+ 0 10.9	1.197	2.178	7.1	19.5
10 8	23 8.33	− 0 22.7	1.224	2.161	12.2	19.7
10 18	23 2.69	− 0 46.7	1.272	2.143	16.8	20.0
445007 2008 HQ			9 14.5 59°.35	0°.7/13.8 18		
8 9	23 52.62	− 3 5.6	2.032	2.879	13.2	21.0
8 19	23 48.37	− 3 32.6	1.964	2.887	10.0	20.8
8 29	23 42.31	− 4 9.4	1.919	2.894	6.4	20.6
9 8	23 35.03	− 4 51.9	1.900	2.902	2.5	20.4
9 18	23 27.26	− 5 35.2	1.908	2.910	1.8	20.3
9 28	23 19.89	− 6 13.8	1.945	2.918	5.7	20.6
10 8	23 13.69	− 6 43.5	2.008	2.927	9.3	20.9
10 18	23 9.24	− 7 1.2	2.095	2.935	12.4	21.1
38383 1999 RF_{176}			9 14.5 46°.82	1°.5/16.1 18		
8 9	23 50.47	+ 5 27.9	1.756	2.585	15.7	18.5
8 19	23 47.11	+ 4 38.2	1.678	2.586	12.3	18.3
8 29	23 41.71	+ 3 27.6	1.622	2.587	8.4	18.1
9 8	23 34.85	+ 2 0.2	1.590	2.587	4.0	17.8
9 18	23 27.34	+ 0 22.5	1.585	2.588	1.7	17.7
9 28	23 20.19	− 1 16.4	1.608	2.589	5.7	18.0
10 8	23 14.31	− 2 47.6	1.657	2.590	9.9	18.2
10 18	23 10.39	− 4 4.3	1.730	2.590	13.6	18.4
452169 2015 RV_{74}			9 14.5 346°.86	1°.0/13.7 18		
8 9	23 55.04	− 5 19.4	1.792	2.648	14.4	20.3
8 19	23 50.55	− 5 22.2	1.716	2.643	11.0	20.1
8 29	23 43.90	− 5 33.0	1.662	2.639	7.0	19.8
9 8	23 35.73	− 5 47.9	1.632	2.635	2.8	19.6
9 18	23 26.88	− 6 2.7	1.630	2.632	2.2	19.5
9 28	23 18.42	− 6 12.6	1.655	2.629	6.4	19.8
10 8	23 11.30	− 6 13.8	1.705	2.627	10.5	20.0
10 18	23 6.25	− 6 4.1	1.779	2.625	14.0	20.2
293923 2007 SR_{22}			9 14.5 317°.61	0°.2/14.7 18		
8 9	23 51.04	+ 0 30.2	1.699	2.548	15.3	20.7
8 19	23 47.67	− 0 5.9	1.619	2.541	11.8	20.5
8 29	23 42.15	− 0 58.3	1.561	2.534	7.7	20.2
9 8	23 35.07	− 2 2.7	1.526	2.528	3.2	19.9
9 18	23 27.26	− 3 12.8	1.518	2.522	1.6	19.8
9 28	23 19.76	− 4 20.7	1.537	2.516	6.3	20.1
10 8	23 13.57	− 5 19.2	1.582	2.510	10.6	20.4
10 18	23 9.42	− 6 2.9	1.649	2.504	14.4	20.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
436558 2011 HU_{14}			9 14.5 175°.36		0°.5/15.0 17	
	h m	° ′			°	m
8 9	23 53.33	+ 1 58.0	1.833	2.668	14.9	22.1
8 19	23 49.20	+ 1 15.6	1.756	2.670	11.6	21.9
8 29	23 43.02	+ 0 16.5	1.701	2.671	7.6	21.6
9 8	23 35.38	− 0 54.9	1.671	2.672	3.2	21.4
9 18	23 27.11	− 2 12.4	1.669	2.672	1.5	21.2
9 28	23 19.19	− 3 28.4	1.694	2.672	5.9	21.5
10 8	23 12.55	− 4 35.7	1.746	2.672	10.0	21.8
10 18	23 7.87	− 5 28.9	1.822	2.671	13.5	22.0
222480 2001 SV_{91}			9 14.5 85°.00		1°.6/15.9 18	
8 9	23 53.70	+ 4 16.5	1.572	2.407	17.0	20.7
8 19	23 49.71	+ 3 47.4	1.505	2.416	13.3	20.5
8 29	23 43.44	+ 2 58.4	1.459	2.425	9.0	20.2
9 8	23 35.56	+ 1 53.4	1.436	2.434	4.3	20.0
9 18	23 27.05	+ 0 38.9	1.440	2.443	1.9	19.9
9 28	23 19.02	− 0 36.8	1.470	2.452	6.1	20.2
10 8	23 12.51	− 1 45.3	1.526	2.460	10.5	20.4
10 18	23 8.22	− 2 40.5	1.605	2.469	14.3	20.7
478651 2012 TQ_{230}			9 14.5 300°.16		3°.8/16.9 18	
8 9	23 58.04	+ 4 44.2	1.617	2.441	17.1	21.1
8 19	23 53.52	+ 5 25.3	1.514	2.414	13.9	20.8
8 29	23 46.31	+ 5 52.2	1.431	2.388	10.0	20.5
9 8	23 36.91	+ 6 4.2	1.371	2.361	5.9	20.2
9 18	23 26.22	+ 6 2.2	1.337	2.335	3.8	20.0
9 28	23 15.54	+ 5 49.9	1.329	2.308	6.9	20.1
10 8	23 6.21	+ 5 32.7	1.346	2.282	11.5	20.3
10 18	22 59.30	+ 5 16.7	1.386	2.256	15.8	20.5
389178 2009 BW_{129}			9 14.5 48°.41		1°.9/12.5 18	
8 9	23 51.43	− 4 30.6	1.790	2.650	14.2	20.6
8 19	23 47.76	− 5 30.0	1.722	2.653	10.7	20.4
8 29	23 42.08	− 6 41.0	1.677	2.657	6.7	20.1
9 8	23 35.00	− 7 57.3	1.658	2.660	2.8	19.9
9 18	23 27.35	− 9 11.6	1.665	2.664	3.1	19.9
9 28	23 20.10	−10 16.4	1.700	2.668	7.0	20.2
10 8	23 14.14	−11 5.8	1.761	2.671	10.9	20.4
10 18	23 10.10	−11 36.9	1.843	2.675	14.2	20.7
516320 2017 AP_{12}			9 14.5 230°.92		1°.3/12.9 18	
8 9	23 51.25	− 4 43.1	2.422	3.267	11.4	21.6
8 19	23 47.17	− 5 23.4	2.339	3.262	8.6	21.4
8 29	23 41.51	− 6 12.0	2.280	3.256	5.5	21.2
9 8	23 34.74	− 7 4.8	2.248	3.251	2.2	21.0
9 18	23 27.48	− 7 57.0	2.245	3.245	2.2	21.0
9 28	23 20.46	− 8 43.8	2.271	3.239	5.5	21.2
10 8	23 14.37	− 9 20.9	2.324	3.232	8.7	21.4
10 18	23 9.76	− 9 45.5	2.401	3.226	11.5	21.6
75730 2000 AS_{134}			9 14.5 227°.64		1°.7/15.9 18	
8 9	23 57.58	+ 2 26.0	1.741	2.570	15.9	19.7
8 19	23 52.68	+ 2 25.5	1.655	2.563	12.5	19.5
8 29	23 45.42	+ 2 9.8	1.591	2.556	8.5	19.2
9 8	23 36.41	+ 1 41.0	1.551	2.548	4.1	19.0
9 18	23 26.57	+ 1 3.1	1.537	2.540	2.0	18.8
9 28	23 17.02	+ 0 22.0	1.552	2.532	6.1	19.0
10 8	23 8.86	− 0 15.8	1.592	2.523	10.4	19.3
10 18	23 2.91	− 0 45.3	1.656	2.514	14.3	19.5
394999 2009 BJ_{85}			9 14.5 99°.92		0°.1/14.6 18	
8 9	23 52.50	+ 0 4.3	1.871	2.713	14.4	21.3
8 19	23 48.52	− 0 29.1	1.796	2.714	11.1	21.1
8 29	23 42.55	− 1 16.5	1.743	2.716	7.2	20.9
9 8	23 35.20	− 2 13.7	1.716	2.717	2.9	20.6
9 18	23 27.25	− 3 15.1	1.715	2.719	1.5	20.5
9 28	23 19.65	− 4 14.1	1.743	2.720	5.8	20.8
10 8	23 13.30	− 5 4.4	1.796	2.722	9.8	21.1
10 18	23 8.84	− 5 41.8	1.874	2.723	13.2	21.3
289900 2005 MP_{47}			9 14.5 7°.03		1°.0/15.3 17	
8 9	23 47.58	+ 1 42.9	1.025	1.908	20.5	20.0
8 19	23 46.03	+ 1 23.8	0.969	1.908	16.0	19.7
8 29	23 41.54	+ 0 40.6	0.930	1.910	10.6	19.4
9 8	23 34.92	− 0 21.3	0.912	1.913	4.6	19.1
9 18	23 27.41	− 1 33.1	0.915	1.918	2.0	19.0
9 28	23 20.53	− 2 43.1	0.940	1.925	7.9	19.3
10 8	23 15.63	− 3 40.6	0.987	1.933	13.3	19.7
10 18	23 13.55	− 4 18.8	1.053	1.943	18.0	20.0
180733 2004 JH_{42}			9 14.5 19°.54		3°.7/18.6 18 R	
8 9	23 49.20	+10 19.4	1.778	2.587	16.4	19.8
8 19	23 46.14	+10 2.9	1.703	2.591	13.3	19.6
8 29	23 41.09	+ 9 23.9	1.648	2.595	9.7	19.4
9 8	23 34.63	+ 8 24.4	1.615	2.599	6.0	19.2
9 18	23 27.57	+ 7 8.7	1.609	2.605	3.8	19.1
9 28	23 20.86	+ 5 44.1	1.629	2.610	5.6	19.2
10 8	23 15.41	+ 4 19.3	1.675	2.616	9.2	19.4
10 18	23 11.86	+ 3 1.8	1.746	2.623	12.7	19.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
362864 2012 BE_{60}			9 14.5 54°.39		6°.3/20.7 18	
	h m	° ′			°	m
8 9	23 56.79	+14 55.3	2.034	2.794	16.2	20.0
8 19	23 51.64	+15 46.4	1.967	2.812	13.6	19.9
8 29	23 44.49	+16 17.9	1.920	2.830	10.8	19.8
9 8	23 35.96	+16 28.6	1.895	2.848	8.1	19.6
9 18	23 26.88	+16 19.1	1.897	2.867	6.4	19.6
9 28	23 18.20	+15 52.7	1.925	2.886	6.9	19.6
10 8	23 10.82	+15 15.2	1.979	2.904	9.0	19.8
10 18	23 5.37	+14 32.9	2.059	2.923	11.6	20.0
310525 2000 YY_{128}			9 14.5 132°.59		3°.7/19.2 18	
8 9	23 54.35	+11 20.8	2.811	3.573	12.1	20.7
8 19	23 49.25	+11 36.0	2.730	3.585	9.9	20.6
8 29	23 42.72	+11 37.3	2.671	3.597	7.5	20.5
9 8	23 35.21	+11 25.3	2.638	3.608	5.1	20.3
9 18	23 27.29	+11 1.4	2.634	3.619	3.7	20.2
9 28	23 19.62	+10 28.7	2.658	3.629	4.6	20.3
10 8	23 12.83	+ 9 51.2	2.712	3.639	6.8	20.5
10 18	23 7.42	+ 9 13.1	2.792	3.648	9.1	20.7
97970 2000 QO_{150}			9 14.5 341°.57		5°.0/17.6 18	
8 9	23 51.63	+ 6 25.6	1.070	1.929	21.6	18.3
8 19	23 49.35	+ 7 6.7	0.998	1.917	17.6	18.0
8 29	23 43.91	+ 7 23.8	0.943	1.907	12.8	17.7
9 8	23 35.99	+ 7 16.1	0.907	1.898	7.8	17.4
9 18	23 26.80	+ 6 46.0	0.892	1.891	5.0	17.3
9 28	23 18.01	+ 6 0.7	0.900	1.884	8.2	17.4
10 8	23 11.21	+ 5 10.8	0.928	1.879	13.4	17.7
10 18	23 7.51	+ 4 26.3	0.976	1.875	18.3	18.0
249718 2000 QS_{254}			9 14.5 343°.83		9°.1/ 8.1 18	
8 9	23 48.84	−16 25.5	0.930	1.845	19.1	18.7
8 19	23 47.54	−17 49.3	0.874	1.831	15.0	18.5
8 29	23 42.82	−19 16.9	0.837	1.819	11.0	18.2
9 8	23 35.54	−20 33.9	0.819	1.808	9.1	18.1
9 18	23 27.08	−21 25.7	0.821	1.799	11.0	18.1
9 28	23 19.29	−21 41.6	0.843	1.791	15.1	18.3
10 8	23 13.79	−21 18.6	0.882	1.786	19.6	18.6
10 18	23 11.56	−20 19.9	0.937	1.782	23.6	18.8
256479 2007 DV_{93}			9 14.5 288°.64		1°.8/12.8 18	
8 9	23 54.20	− 7 9.8	2.139	2.991	12.5	20.2
8 19	23 49.63	− 7 31.2	2.057	2.983	9.5	20.0
8 29	23 43.21	− 7 58.9	1.998	2.975	6.0	19.7
9 8	23 35.48	− 8 28.9	1.965	2.966	2.6	19.5
9 18	23 27.15	− 8 56.6	1.960	2.958	2.7	19.5
9 28	23 19.11	− 9 17.4	1.983	2.950	6.2	19.7
10 8	23 12.18	− 9 27.7	2.033	2.942	9.7	19.9
10 18	23 6.99	− 9 25.6	2.106	2.934	12.8	20.1
299099 2005 EQ_{93}			9 14.5 123°.17		7°.2/ 6.8 18	
8 9	23 55.94	−22 3.6	1.990	2.857	12.7	20.1
8 19	23 51.04	−23 22.2	1.940	2.863	10.1	20.0
8 29	23 44.10	−24 36.4	1.914	2.870	8.0	19.9
9 8	23 35.81	−25 38.1	1.914	2.877	7.2	19.8
9 18	23 27.03	−26 20.6	1.940	2.883	8.4	19.9
9 28	23 18.77	−26 39.5	1.991	2.889	10.6	20.1
10 8	23 11.90	−26 34.1	2.065	2.895	13.1	20.2
10 18	23 7.03	−26 6.0	2.159	2.901	15.3	20.4
320235 2007 JF_{21}			9 14.5 188°.87		5°.3/ 8.0 18	
8 9	23 53.15	−18 58.9	2.426	3.289	10.8	20.7
8 19	23 48.61	−19 59.1	2.363	3.288	8.4	20.5
8 29	23 42.43	−20 57.7	2.325	3.288	6.3	20.4
9 8	23 35.13	−21 48.9	2.313	3.288	5.3	20.3
9 18	23 27.39	−22 27.4	2.329	3.287	6.3	20.4
9 28	23 19.99	−22 49.1	2.371	3.286	8.4	20.5
10 8	23 13.64	−22 52.4	2.439	3.285	10.8	20.7
10 18	23 8.89	−22 37.4	2.529	3.284	12.9	20.9
375675 2009 HC_{6}			9 14.5 37°.21		6°.6/ 9.9 17	
8 9	23 55.06	−13 15.9	1.048	1.946	18.9	20.4
8 19	23 51.51	−14 31.2	1.012	1.961	14.3	20.2
8 29	23 44.86	−15 50.1	0.995	1.977	9.7	20.0
9 8	23 36.18	−17 0.3	0.999	1.993	6.7	19.9
9 18	23 26.89	−17 50.7	1.026	2.010	8.1	20.0
9 28	23 18.61	−18 13.5	1.076	2.029	12.1	20.3
10 8	23 12.60	−18 7.0	1.146	2.047	16.2	20.6
10 18	23 9.54	−17 33.6	1.234	2.067	19.7	20.9
113298 2002 RQ_{178}			9 14.5 344°.45		0°.9/15.2 18	
8 9	23 54.72	+ 0 6.7	1.700	2.544	15.5	19.4
8 19	23 50.46	+ 0 5.8	1.623	2.541	12.1	19.2
8 29	23 43.96	− 0 8.5	1.568	2.538	8.0	19.0
9 8	23 35.84	− 0 33.2	1.536	2.536	3.5	18.7
9 18	23 27.00	− 1 4.0	1.531	2.534	1.6	18.5
9 28	23 18.53	− 1 35.2	1.552	2.532	6.0	18.8
10 8	23 11.45	− 2 1.3	1.600	2.531	10.3	19.1
10 18	23 6.51	− 2 17.9	1.670	2.530	14.1	19.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
126172 2002 AZ_8			9 14.5 344°.85		2°.5/12.4 18	
	h m	° ′			°	m
8 9	23 52.64	− 5 53.4	1.489	2.360	15.9	20.2
8 19	23 49.14	− 6 42.5	1.420	2.357	12.0	19.9
8 29	23 43.22	− 7 43.5	1.373	2.354	7.6	19.7
9 8	23 35.57	− 8 49.6	1.349	2.351	3.3	19.4
9 18	23 27.15	− 9 52.7	1.351	2.349	3.8	19.5
9 28	23 19.18	−10 44.2	1.379	2.347	8.2	19.7
10 8	23 12.76	−11 18.3	1.430	2.346	12.5	20.0
10 18	23 8.66	−11 32.1	1.503	2.345	16.3	20.2
393100 2013 AL_{133}			9 14.5 296°.30		0°.2/14.1 17	
8 9	23 44.25	− 2 12.6	4.270	5.098	7.2	20.8
8 19	23 41.26	− 2 44.5	4.179	5.092	5.4	20.7
8 29	23 37.46	− 3 21.8	4.114	5.086	3.5	20.5
9 8	23 33.10	− 4 2.5	4.078	5.080	1.3	20.4
9 18	23 28.49	− 4 44.4	4.071	5.073	0.9	20.3
9 28	23 23.99	− 5 24.7	4.095	5.067	3.0	20.5
10 8	23 19.96	− 6 1.1	4.147	5.061	5.1	20.6
10 18	23 16.68	− 6 31.6	4.226	5.055	6.9	20.8
390317 2013 AB_{133}			9 14.5 285°.43		2°.3/ 9.7 17	
8 9	23 45.03	−14 11.7	4.428	5.282	6.5	20.9
8 19	23 41.82	−14 50.0	4.352	5.279	4.9	20.8
8 29	23 37.79	−15 29.0	4.303	5.275	3.3	20.7
9 8	23 33.22	−16 6.1	4.283	5.272	2.3	20.6
9 18	23 28.43	−16 38.7	4.292	5.268	2.9	20.7
9 28	23 23.76	−17 4.8	4.330	5.264	4.3	20.8
10 8	23 19.56	−17 22.6	4.395	5.261	5.9	20.9
10 18	23 16.13	−17 31.2	4.486	5.257	7.4	21.0
296326 2009 EX_{16}			9 14.5 297°.23		1°.1/15.8 18	
8 9	23 48.85	+ 5 11.5	1.781	2.614	15.4	20.5
8 19	23 46.03	+ 4 13.0	1.689	2.599	12.1	20.2
8 29	23 41.15	+ 2 52.1	1.618	2.584	8.2	20.0
9 8	23 34.75	+ 1 12.6	1.571	2.569	3.8	19.7
9 18	23 27.59	− 0 38.5	1.552	2.555	1.6	19.5
9 28	23 20.63	− 2 31.7	1.560	2.541	5.9	19.8
10 8	23 14.84	− 4 17.1	1.595	2.526	10.3	20.0
10 18	23 10.98	− 5 46.6	1.654	2.512	14.2	20.2
433287 2013 BU_{44}			9 14.5 348°.72		1°.6/17.6 17	
8 9	23 45.47	+ 6 30.8	4.045	4.834	8.3	21.1
8 19	23 42.22	+ 6 21.5	3.953	4.833	6.6	21.0
8 29	23 38.09	+ 6 3.7	3.885	4.832	4.7	20.9
9 8	23 33.36	+ 5 38.5	3.844	4.831	2.7	20.7
9 18	23 28.37	+ 5 7.8	3.832	4.830	1.6	20.6
9 28	23 23.50	+ 4 33.9	3.851	4.829	2.9	20.7
10 8	23 19.14	+ 3 59.3	3.898	4.828	4.8	20.9
10 18	23 15.59	+ 3 26.7	3.972	4.828	6.7	21.0
290431 2005 TF_{100}			9 14.5 288°.80		0°.8/13.9 18	
8 9	23 56.22	− 3 29.7	1.555	2.412	16.1	21.2
8 19	23 51.94	− 3 44.4	1.472	2.399	12.4	21.0
8 29	23 45.12	− 4 11.3	1.410	2.387	8.0	20.7
9 8	23 36.39	− 4 46.1	1.372	2.374	3.2	20.4
9 18	23 26.72	− 5 23.0	1.360	2.362	2.2	20.3
9 28	23 17.36	− 5 55.1	1.374	2.350	7.2	20.6
10 8	23 9.52	− 6 16.6	1.413	2.337	11.9	20.8
10 18	23 4.07	− 6 23.8	1.473	2.325	16.0	21.0
405781 2006 AN_{35}			9 14.5 109°.83		2°.9/10.6 18	
8 9	23 51.06	−10 21.7	2.517	3.374	10.7	21.6
8 19	23 46.89	−11 23.8	2.457	3.386	8.0	21.5
8 29	23 41.26	−12 29.9	2.421	3.398	5.2	21.3
9 8	23 34.66	−13 34.9	2.414	3.409	3.1	21.2
9 18	23 27.70	−14 33.4	2.435	3.421	3.8	21.3
9 28	23 21.07	−15 20.9	2.485	3.432	6.4	21.4
10 8	23 15.39	−15 54.2	2.561	3.443	9.1	21.6
10 18	23 11.14	−16 12.1	2.661	3.454	11.4	21.8
249201 2008 DL_{13}			9 14.5 72°.22		1°.5/16.0 18	
8 9	23 53.39	+ 2 52.5	2.021	2.846	14.1	20.3
8 19	23 49.04	+ 2 44.1	1.947	2.853	11.0	20.1
8 29	23 42.84	+ 2 21.9	1.896	2.860	7.4	19.9
9 8	23 35.35	+ 1 48.5	1.870	2.866	3.6	19.7
9 18	23 27.33	+ 1 7.8	1.871	2.873	1.7	19.6
9 28	23 19.68	+ 0 25.0	1.900	2.880	5.1	19.8
10 8	23 13.20	− 0 14.5	1.956	2.887	8.8	20.1
10 18	23 8.51	− 0 46.3	2.036	2.894	12.0	20.3
347267 2011 KS_{28}			9 14.5 53°.43		1°.9/13.0 16	
8 9	23 56.89	− 5 46.0	1.437	2.303	16.7	20.4
8 19	23 52.11	− 6 16.7	1.391	2.324	12.5	20.2
8 29	23 44.92	− 6 57.2	1.366	2.346	7.9	20.0
9 8	23 36.17	− 7 41.1	1.365	2.368	3.2	19.8
9 18	23 26.95	− 8 21.4	1.390	2.390	3.2	19.8
9 28	23 18.49	− 8 51.6	1.441	2.412	7.6	20.1
10 8	23 11.81	− 9 7.4	1.516	2.435	11.7	20.5
10 18	23 7.54	− 9 7.0	1.613	2.458	15.3	20.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
522959 2016 PR_{114}			9 14.5 331°.24		3°.4/11.5 18	
	h m	° ′			°	m
8 9	23 53.72	− 8 53.1	1.622	2.492	14.8	21.1
8 19	23 49.80	− 9 43.4	1.553	2.489	11.2	20.8
8 29	23 43.57	−10 42.0	1.505	2.485	7.2	20.6
9 8	23 35.71	−11 41.7	1.483	2.482	3.8	20.4
9 18	23 27.14	−12 34.9	1.486	2.479	4.6	20.4
9 28	23 18.99	−13 14.5	1.516	2.477	8.4	20.7
10 8	23 12.32	−13 35.9	1.570	2.474	12.4	20.9
10 18	23 7.84	−13 37.2	1.645	2.472	15.8	21.1
238298 2003 WZ_{175}			9 14.5 359°.71		1°.9/12.9 18	
8 9	23 51.89	− 4 55.9	1.534	2.402	15.6	20.6
8 19	23 48.49	− 5 37.8	1.466	2.401	11.9	20.4
8 29	23 42.76	− 6 31.7	1.420	2.400	7.5	20.1
9 8	23 35.39	− 7 31.5	1.397	2.400	3.1	19.8
9 18	23 27.32	− 8 29.7	1.400	2.400	3.2	19.8
9 28	23 19.69	− 9 18.5	1.429	2.401	7.6	20.1
10 8	23 13.55	− 9 51.9	1.483	2.402	11.9	20.4
10 18	23 9.64	−10 7.0	1.557	2.404	15.6	20.6
440830 2006 RQ_{62}			9 14.5 340°.97		1°.0/13.8 18	
8 9	23 52.13	− 4 30.6	1.424	2.296	16.5	20.5
8 19	23 48.97	− 4 38.5	1.347	2.283	12.6	20.2
8 29	23 43.26	− 4 57.8	1.290	2.270	8.1	19.9
9 8	23 35.66	− 5 24.0	1.256	2.259	3.2	19.6
9 18	23 27.16	− 5 51.2	1.247	2.249	2.5	19.5
9 28	23 19.01	− 6 12.8	1.262	2.240	7.5	19.8
10 8	23 12.43	− 6 23.1	1.301	2.232	12.3	20.1
10 18	23 8.27	− 6 19.0	1.362	2.225	16.4	20.3
370005 1999 TO_{161}			9 14.5 4°.44		0°.9/13.9 17	
8 9	23 44.26	− 1 31.4	0.860	1.766	21.3	19.2
8 19	23 43.90	− 2 4.4	0.810	1.764	16.3	19.0
8 29	23 40.38	− 3 0.6	0.777	1.764	10.5	18.6
9 8	23 34.57	− 4 12.2	0.762	1.766	4.0	18.3
9 18	23 27.78	− 5 27.3	0.768	1.771	2.9	18.3
9 28	23 21.71	− 6 32.7	0.794	1.778	9.2	18.7
10 8	23 17.78	− 7 17.8	0.840	1.787	15.0	19.0
10 18	23 16.84	− 7 37.4	0.903	1.798	19.8	19.3
198466 2004 XR_{22}			9 14.5 329°.24		0°.4/14.8 18	
8 9	23 51.42	+ 0 28.3	1.503	2.359	16.6	20.1
8 19	23 48.28	+ 0 2.0	1.425	2.351	12.9	19.9
8 29	23 42.75	− 0 41.7	1.368	2.342	8.5	19.6
9 8	23 35.44	− 1 38.7	1.333	2.335	3.5	19.3
9 18	23 27.30	− 2 42.5	1.324	2.327	1.7	19.2
9 28	23 19.49	− 3 44.8	1.340	2.321	6.8	19.5
10 8	23 13.15	− 4 37.6	1.381	2.314	11.5	19.7
10 18	23 9.09	− 5 15.3	1.444	2.309	15.6	20.0
384482 2010 CH_{43}			9 14.5 189°.75		0°.5/15.1 17	
8 9	23 56.11	+ 0 29.9	2.361	3.181	12.5	22.5
8 19	23 50.91	+ 0 11.0	2.275	3.180	9.7	22.3
8 29	23 43.98	− 0 19.0	2.212	3.178	6.4	22.1
9 8	23 35.82	− 0 57.2	2.176	3.176	2.7	21.9
9 18	23 27.12	− 1 39.9	2.169	3.172	1.2	21.8
9 28	23 18.68	− 2 22.3	2.192	3.169	4.9	22.0
10 8	23 11.26	− 2 59.7	2.243	3.164	8.3	22.2
10 18	23 5.47	− 3 28.8	2.320	3.159	11.4	22.4
519797 2013 GO_{140}			9 14.5 229°.55		2°.1/11.9 18	
8 9	23 50.40	− 6 28.1	2.245	3.100	11.9	21.5
8 19	23 46.66	− 7 27.7	2.170	3.099	8.9	21.3
8 29	23 41.27	− 8 35.5	2.119	3.097	5.6	21.1
9 8	23 34.73	− 9 46.2	2.095	3.096	2.6	20.9
9 18	23 27.70	−10 54.0	2.099	3.094	3.2	21.0
9 28	23 20.95	−11 52.9	2.132	3.093	6.3	21.2
10 8	23 15.20	−12 38.4	2.191	3.091	9.6	21.4
10 18	23 11.01	−13 7.9	2.274	3.090	12.4	21.6
451819 2013 HR_{95}			9 14.5 110°.16		3°.0/18.5 17	
8 9	23 49.91	+10 23.7	2.354	3.142	13.5	22.0
8 19	23 46.20	+ 9 54.2	2.273	3.149	10.9	21.9
8 29	23 40.93	+ 9 6.6	2.214	3.156	7.9	21.7
9 8	23 34.59	+ 8 3.2	2.180	3.163	4.9	21.5
9 18	23 27.79	+ 6 47.5	2.174	3.170	3.0	21.4
9 28	23 21.28	+ 5 25.5	2.197	3.176	4.6	21.5
10 8	23 15.74	+ 4 3.4	2.248	3.183	7.5	21.7
10 18	23 11.69	+ 2 47.4	2.325	3.189	10.4	21.9
78065 2002 LC			9 14.5 297°.50		4°.6/10.5 18	
8 9	23 53.45	− 9 7.1	1.374	2.254	16.4	19.4
8 19	23 50.01	−10 29.2	1.308	2.250	12.4	19.2
8 29	23 43.93	−12 2.7	1.264	2.245	8.1	18.9
9 8	23 35.93	−13 37.7	1.243	2.241	4.8	18.7
9 18	23 27.07	−15 3.0	1.247	2.236	6.1	18.8
9 28	23 18.68	−16 8.6	1.277	2.232	10.3	19.0
10 8	23 11.99	−16 48.2	1.329	2.228	14.5	19.3
10 18	23 7.83	−17 0.4	1.400	2.224	18.3	19.5

374266 2005 *LF* 9 14.5 131°.38 3°.1/17.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 58.15	+ 5 55.5	1.607	2.427	17.4	21.5
8 19	23 53.18	+ 6 3.9	1.535	2.434	13.9	21.3
8 29	23 45.77	+ 5 53.5	1.484	2.440	9.8	21.0
9 8	23 36.61	+ 5 25.8	1.455	2.446	5.5	20.8
9 18	23 26.72	+ 4 44.5	1.453	2.452	3.2	20.7
9 28	23 17.29	+ 3 56.1	1.477	2.458	6.2	20.9
10 8	23 9.43	+ 3 7.8	1.528	2.463	10.4	21.1
10 18	23 3.93	+ 2 26.3	1.602	2.468	14.2	21.4

44331 1998 RW_{58} 9 14.5 149°.48 0°.1/14.6 18

8 9	23 58.54	− 2 29.1	2.090	2.922	13.5	18.7
8 19	23 52.89	− 2 30.8	2.014	2.927	10.3	18.5
8 29	23 45.29	− 2 41.4	1.962	2.932	6.7	18.3
9 8	23 36.36	− 2 58.0	1.936	2.937	2.7	18.1
9 18	23 26.88	− 3 17.0	1.938	2.941	1.4	18.0
9 28	23 17.78	− 3 34.1	1.970	2.946	5.4	18.3
10 8	23 9.93	− 3 45.6	2.029	2.949	9.1	18.5
10 18	23 3.96	− 3 48.7	2.113	2.953	12.3	18.7

381059 2006 WP_{202} 9 14.5 276°.05 4°.2/17.9 18

8 9	23 55.07	+ 8 19.0	1.575	2.392	17.8	21.4
8 19	23 51.11	+ 8 33.3	1.488	2.382	14.5	21.2
8 29	23 44.64	+ 8 26.5	1.421	2.372	10.6	20.9
9 8	23 36.25	+ 7 58.8	1.375	2.361	6.6	20.7
9 18	23 26.88	+ 7 12.9	1.355	2.351	4.2	20.5
9 28	23 17.76	+ 6 15.1	1.361	2.341	6.7	20.6
10 8	23 10.10	+ 5 13.7	1.391	2.331	10.9	20.8
10 18	23 4.80	+ 4 16.8	1.445	2.320	14.9	21.1

356226 2009 SF_{246} 9 14.5 297°.99 1°.6/11.5 16

8 9	23 46.18	−10 6.8	4.157	5.005	7.0	20.9
8 19	23 42.74	−10 33.8	4.073	4.998	5.2	20.8
8 29	23 38.43	−11 2.9	4.015	4.991	3.4	20.6
9 8	23 33.53	−11 31.8	3.986	4.984	1.8	20.5
9 18	23 28.38	−11 58.2	3.986	4.977	2.1	20.5
9 28	23 23.35	−12 19.7	4.016	4.971	3.9	20.7
10 8	23 18.83	−12 34.4	4.074	4.964	5.8	20.8
10 18	23 15.12	−12 41.3	4.158	4.957	7.5	20.9

266567 2008 GY_{115} 9 14.5 277°.17 3°.6/11.4 18

8 9	23 54.22	− 7 54.2	1.515	2.387	15.6	20.8
8 19	23 50.50	− 8 57.2	1.436	2.373	11.9	20.6
8 29	23 44.24	−10 12.0	1.379	2.359	7.7	20.3
9 8	23 36.08	−11 30.7	1.345	2.345	4.0	20.1
9 18	23 26.98	−12 44.1	1.338	2.331	4.9	20.1
9 28	23 18.20	−13 42.9	1.356	2.317	9.2	20.3
10 8	23 10.94	−14 20.7	1.398	2.303	13.6	20.5
10 18	23 6.08	−14 34.9	1.461	2.289	17.4	20.7

446165 2013 EF_{122} 9 14.5 91°.28 0°.2/14.8 18

8 9	23 50.13	+ 1 44.1	2.236	3.066	12.8	21.2
8 19	23 46.38	+ 0 49.1	2.166	3.078	9.8	21.1
8 29	23 41.04	− 0 19.5	2.120	3.090	6.3	20.9
9 8	23 34.63	− 1 37.4	2.101	3.101	2.6	20.7
9 18	23 27.80	− 2 58.9	2.109	3.113	1.2	20.6
9 28	23 21.30	− 4 17.6	2.148	3.124	5.0	20.9
10 8	23 15.83	− 5 27.6	2.213	3.135	8.4	21.1
10 18	23 11.89	− 6 24.8	2.304	3.147	11.3	21.3

504008 2005 FA_{1} 9 14.5 286°.32 7°.1/ 6.9 17

8 9	23 48.69	− 6 4.5	1.088	1.984	18.6	20.9
8 19	23 47.16	− 9 30.9	1.017	1.969	14.0	20.6
8 29	23 42.58	−13 29.7	0.968	1.954	9.3	20.3
9 8	23 35.56	−17 40.5	0.945	1.938	7.2	20.1
9 18	23 27.22	−21 37.1	0.948	1.923	10.3	20.3
9 28	23 19.18	−24 55.0	0.975	1.908	15.5	20.5
10 8	23 13.02	−27 19.9	1.023	1.892	20.4	20.7
10 18	23 9.88	−28 49.3	1.087	1.878	24.5	21.0

447055 2004 RA_{231} 9 14.5 359°.48 1°.8/16.4 18

8 9	23 49.14	+ 4 48.2	1.891	2.721	14.8	20.7
8 19	23 46.03	+ 4 24.2	1.813	2.719	11.6	20.5
8 29	23 41.03	+ 3 42.8	1.755	2.719	8.0	20.3
9 8	23 34.69	+ 2 47.1	1.722	2.718	4.1	20.0
9 18	23 27.76	+ 1 41.6	1.716	2.718	1.9	19.9
9 28	23 21.14	+ 0 33.2	1.737	2.719	5.3	20.1
10 8	23 15.67	− 0 31.1	1.784	2.720	9.1	20.3
10 18	23 11.99	− 1 25.7	1.855	2.722	12.6	20.6

392950 2012 WK_{18} 9 14.5 290°.09 1°.3/13.4 18

8 9	23 54.37	− 4 16.4	1.740	2.595	14.7	21.2
8 19	23 50.38	− 4 44.4	1.647	2.574	11.3	20.9
8 29	23 44.08	− 5 24.1	1.575	2.552	7.3	20.7
9 8	23 36.02	− 6 11.1	1.528	2.531	2.9	20.3
9 18	23 27.02	− 6 59.1	1.508	2.509	2.6	20.3
9 28	23 18.21	− 7 41.5	1.514	2.487	7.1	20.5
10 8	23 10.66	− 8 12.2	1.546	2.465	11.5	20.7
10 18	23 5.25	− 8 27.3	1.601	2.444	15.4	20.9

85405 1996 TO_{39} 9 14.5 337°.63 2°.7/12.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 50.54	− 6 11.2	1.269	2.154	17.2	18.2
8 19	23 48.03	− 6 51.6	1.197	2.141	13.1	17.9
8 29	23 42.80	− 7 45.4	1.145	2.128	8.4	17.6
9 8	23 35.54	− 8 45.4	1.115	2.117	3.7	17.3
9 18	23 27.30	− 9 42.7	1.108	2.107	4.1	17.3
9 28	23 19.46	−10 27.9	1.126	2.098	9.1	17.6
10 8	23 13.34	−10 54.0	1.166	2.090	14.0	17.8
10 18	23 9.82	−10 57.9	1.225	2.083	18.2	18.1

21862 Joshuajones 9 14.5 44°.47 4°.1/18.8 18

8 9	23 52.89	+10 7.9	2.102	2.893	14.8	18.9
8 19	23 48.68	+10 23.5	2.023	2.898	12.1	18.8
8 29	23 42.65	+10 21.9	1.965	2.903	9.0	18.6
9 8	23 35.33	+10 3.5	1.932	2.909	5.9	18.4
9 18	23 27.44	+ 9 30.6	1.924	2.915	4.1	18.3
9 28	23 19.86	+ 8 47.5	1.944	2.920	5.5	18.4
10 8	23 13.40	+ 7 59.9	1.992	2.926	8.4	18.6
10 18	23 8.68	+ 7 13.6	2.064	2.933	11.4	18.8

39288 2001 CD_{21} 9 14.5 226°.13 0°.2/14.9 18

8 9	23 44.91	− 0 38.1	4.660	5.479	6.8	20.0
8 19	23 41.70	− 0 55.9	4.571	5.476	5.2	19.9
8 29	23 37.73	− 1 18.9	4.507	5.474	3.4	19.8
9 8	23 33.25	− 1 45.5	4.471	5.471	1.4	19.6
9 18	23 28.55	− 2 13.8	4.465	5.469	0.6	19.6
9 28	23 23.96	− 2 41.9	4.490	5.466	2.6	19.7
10 8	23 19.80	− 3 7.5	4.544	5.463	4.5	19.9
10 18	23 16.34	− 3 29.1	4.625	5.461	6.2	20.0

257195 2008 QY_{41} 9 14.5 347°.27 1°.7/17.7 17

8 9	23 46.39	+ 6 28.9	4.008	4.796	8.3	20.3
8 19	23 42.95	+ 6 26.7	3.916	4.795	6.6	20.2
8 29	23 38.59	+ 6 16.2	3.848	4.793	4.7	20.0
9 8	23 33.62	+ 5 58.4	3.807	4.792	2.8	19.9
9 18	23 28.37	+ 5 34.9	3.794	4.791	1.7	19.8
9 28	23 23.25	+ 5 7.9	3.812	4.790	2.9	19.9
10 8	23 18.64	+ 4 39.8	3.858	4.789	4.9	20.0
10 18	23 14.87	+ 4 13.3	3.932	4.788	6.8	20.2

340326 2006 DN_{35} 9 14.5 2°.90 0°.6/14.2 18

8 9	0 0.90	− 5 26.5	1.486	2.342	16.7	20.0
8 19	23 55.46	− 5 4.2	1.415	2.341	12.9	19.8
8 29	23 47.34	− 4 49.5	1.365	2.341	8.3	19.5
9 8	23 37.29	− 4 39.0	1.339	2.342	3.3	19.2
9 18	23 26.43	− 4 29.2	1.340	2.343	2.1	19.1
9 28	23 16.13	− 4 15.9	1.367	2.344	7.1	19.5
10 8	23 7.59	− 3 55.9	1.419	2.346	11.7	19.7
10 18	23 1.65	− 3 27.2	1.493	2.348	15.7	20.0

511120 2013 WJ_{56} 9 14.5 318°.13 1°.8/13.3 18

8 9	23 53.14	− 4 42.7	1.290	2.166	17.5	21.5
8 19	23 50.10	− 5 9.0	1.210	2.148	13.5	21.2
8 29	23 44.23	− 5 49.4	1.150	2.131	8.7	20.8
9 8	23 36.16	− 6 38.4	1.112	2.115	3.5	20.5
9 18	23 26.97	− 7 28.0	1.098	2.099	3.3	20.4
9 28	23 18.10	− 8 9.2	1.108	2.083	8.6	20.7
10 8	23 10.93	− 8 34.6	1.141	2.069	13.8	21.0
10 18	23 6.46	− 8 40.3	1.193	2.055	18.4	21.2

237878 2002 JC_{145} 9 14.5 44°.02 0°.8/13.7 16

8 9	23 49.93	+ 1 3.3	1.384	2.246	17.4	19.6
8 19	23 46.98	− 0 23.4	1.337	2.267	13.2	19.4
8 29	23 41.73	− 2 9.8	1.311	2.289	8.3	19.2
9 8	23 34.96	− 4 7.2	1.309	2.312	3.1	18.9
9 18	23 27.70	− 6 4.4	1.333	2.335	2.4	18.9
9 28	23 21.08	− 7 50.1	1.383	2.358	7.3	19.3
10 8	23 16.06	− 9 15.8	1.458	2.382	11.7	19.6
10 18	23 13.25	−10 17.0	1.555	2.406	15.4	19.9

516940 2012 BX_{69} 9 14.5 266°.65 4°.8/ 8.5 18

8 9	23 50.76	−14 37.9	2.195	3.064	11.6	21.1
8 19	23 47.04	−16 0.2	2.128	3.061	8.8	21.0
8 29	23 41.58	−17 25.3	2.085	3.058	6.2	20.8
9 8	23 34.90	−18 46.3	2.069	3.054	4.8	20.7
9 18	23 27.70	−19 56.1	2.081	3.051	6.0	20.8
9 28	23 20.80	−20 49.1	2.119	3.047	8.5	20.9
10 8	23 14.96	−21 21.9	2.183	3.044	11.3	21.1
10 18	23 10.76	−21 33.8	2.268	3.040	13.8	21.3

390912 2005 EQ_{119} 9 14.5 161°.56 0°.7/15.6 18

8 9	23 52.21	+ 3 39.5	2.588	3.398	11.8	22.0
8 19	23 47.78	+ 2 47.2	2.507	3.405	9.1	21.9
8 29	23 41.89	+ 1 41.4	2.449	3.412	6.1	21.7
9 8	23 34.99	+ 0 25.6	2.419	3.417	2.7	21.5
9 18	23 27.67	− 0 55.5	2.419	3.423	1.1	21.4
9 28	23 20.61	− 2 16.2	2.450	3.427	4.4	21.6
10 8	23 14.45	− 3 31.0	2.509	3.431	7.5	21.8
10 18	23 9.70	− 4 35.5	2.595	3.434	10.3	22.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
121451 1999 TP_{197}			9 14.5 337°.97	1°.1/15.6 18		
	h m	° ′			°	m
8 9	23 52.39	+ 0 54.3	1.860	2.699	14.6	18.9
8 19	23 48.58	+ 0 54.8	1.777	2.691	11.4	18.7
8 29	23 42.74	+ 0 42.4	1.715	2.684	7.6	18.5
9 8	23 35.42	+ 0 19.6	1.678	2.677	3.5	18.2
9 18	23 27.42	− 0 10.0	1.667	2.670	1.6	18.0
9 28	23 19.69	− 0 41.1	1.683	2.664	5.6	18.3
10 8	23 13.16	− 1 8.5	1.726	2.658	9.6	18.5
10 18	23 8.55	− 1 27.9	1.791	2.653	13.2	18.8
57904 2002 ER_{25}			9 14.5 301°.21	0°.2/14.9 16		
8 9	23 44.96	− 0 31.5	4.271	5.092	7.3	19.4
8 19	23 41.82	− 0 52.7	4.180	5.087	5.6	19.3
8 29	23 37.85	− 1 19.6	4.114	5.082	3.6	19.1
9 8	23 33.32	− 1 50.6	4.077	5.077	1.5	19.0
9 18	23 28.55	− 2 23.6	4.069	5.072	0.7	18.9
9 28	23 23.89	− 2 56.1	4.091	5.067	2.8	19.1
10 8	23 19.70	− 3 26.0	4.142	5.062	4.9	19.2
10 18	23 16.26	− 3 51.1	4.221	5.058	6.7	19.4
516828 2010 UX_{10}			9 14.5	1°.53	5°.9/ 9.4 18	
8 9	23 53.80	−16 58.2	1.674	2.553	14.1	20.1
8 19	23 49.78	−17 47.2	1.615	2.551	10.9	19.9
8 29	23 43.51	−18 35.8	1.578	2.551	7.8	19.7
9 8	23 35.71	−19 16.1	1.565	2.551	6.0	19.6
9 18	23 27.31	−19 41.5	1.578	2.552	7.1	19.6
9 28	23 19.42	−19 46.8	1.616	2.554	10.0	19.8
10 8	23 13.04	−19 30.3	1.677	2.556	13.2	20.0
10 18	23 8.83	−18 53.2	1.759	2.559	16.1	20.2
264085 2009 SF_{247}			9 14.6 290°.34	1°.0/16.5 15		
8 9	23 45.06	+ 3 43.6	4.265	5.068	7.6	21.4
8 19	23 41.92	+ 3 28.1	4.167	5.059	6.0	21.3
8 29	23 37.93	+ 3 5.4	4.094	5.050	4.1	21.1
9 8	23 33.37	+ 2 36.7	4.048	5.041	2.1	21.0
9 18	23 28.54	+ 2 4.0	4.031	5.033	1.1	20.9
9 28	23 23.82	+ 1 29.5	4.045	5.024	2.7	21.0
10 8	23 19.56	+ 0 55.7	4.088	5.015	4.7	21.2
10 18	23 16.05	+ 0 24.9	4.158	5.007	6.6	21.3
20729 1999 XS_{143}			9 14.6 326°.39	4°.5/23.2 18		
8 9	23 47.94	+20 31.7	4.264	4.952	9.3	17.6
8 19	23 44.15	+20 57.1	4.163	4.949	8.1	17.5
8 29	23 39.40	+21 10.7	4.084	4.946	6.7	17.4
9 8	23 33.97	+21 12.2	4.028	4.942	5.4	17.3
9 18	23 28.22	+21 1.9	4.000	4.939	4.6	17.3
9 28	23 22.57	+20 41.1	3.999	4.937	4.6	17.3
10 8	23 17.41	+20 12.1	4.027	4.934	5.4	17.3
10 18	23 13.10	+19 37.9	4.081	4.931	6.6	17.4
306723 2000 WS_{107}			9 14.6 305°.43	0°.1/14.6 18		
8 9	23 54.63	− 1 41.8	1.533	2.389	16.3	20.1
8 19	23 50.98	− 1 48.6	1.436	2.362	12.8	19.8
8 29	23 44.73	− 2 9.4	1.359	2.335	8.4	19.5
9 8	23 36.39	− 2 41.0	1.306	2.308	3.5	19.1
9 18	23 26.88	− 3 18.2	1.278	2.281	1.8	18.9
9 28	23 17.47	− 3 54.1	1.275	2.254	7.2	19.2
10 8	23 9.44	− 4 22.0	1.297	2.228	12.2	19.4
10 18	23 3.82	− 4 36.7	1.341	2.203	16.7	19.6
175067 2004 GT_{23}			9 14.6 101°.35	2°.4/12.3 18		
8 9	23 55.88	− 8 50.6	2.022	2.877	13.0	20.4
8 19	23 50.94	− 9 18.1	1.953	2.881	9.8	20.2
8 29	23 44.08	− 9 50.8	1.908	2.885	6.3	20.0
9 8	23 35.91	−10 24.0	1.889	2.889	3.0	19.8
9 18	23 27.23	−10 52.5	1.898	2.894	3.4	19.8
9 28	23 18.96	−11 11.7	1.935	2.898	6.7	20.0
10 8	23 11.94	−11 18.4	1.998	2.902	10.2	20.3
10 18	23 6.79	−11 11.4	2.084	2.906	13.2	20.5
137678 1999 XW_{44}			9 14.6 287°.55	3°.7/17.6 18		
8 9	23 53.60	+ 7 34.7	1.497	2.323	18.1	20.0
8 19	23 50.19	+ 7 37.2	1.406	2.307	14.7	19.8
8 29	23 44.18	+ 7 17.2	1.335	2.291	10.6	19.5
9 8	23 36.15	+ 6 35.0	1.285	2.275	6.3	19.2
9 18	23 27.04	+ 5 34.4	1.259	2.258	3.7	19.0
9 28	23 18.12	+ 4 22.6	1.260	2.242	6.8	19.2
10 8	23 10.66	+ 3 9.3	1.285	2.226	11.4	19.4
10 18	23 5.62	+ 2 3.3	1.332	2.210	15.8	19.6
41938 2000 WO_{185}			9 14.6 289°.87	0°.3/14.3 18		
8 9	23 53.53	− 1 24.2	1.700	2.551	15.2	19.7
8 19	23 49.68	− 1 51.0	1.617	2.540	11.7	19.5
8 29	23 43.58	− 2 31.8	1.555	2.530	7.6	19.2
9 8	23 35.82	− 3 22.4	1.518	2.520	3.0	18.9
9 18	23 27.26	− 4 17.0	1.507	2.510	1.8	18.8
9 28	23 18.99	− 5 8.5	1.523	2.500	6.5	19.1
10 8	23 12.05	− 5 50.4	1.564	2.490	10.9	19.3
10 18	23 7.22	− 6 18.2	1.628	2.480	14.8	19.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
23078 1999 XB_{95}			9 14.6 335°.08	10°.0/ 2.6 18		
	h m	° ′			°	m
8 9	23 52.10	−28 58.2	1.871	2.741	13.2	17.0
8 19	23 48.57	−30 36.4	1.818	2.730	11.3	16.9
8 29	23 42.80	−32 5.5	1.788	2.720	10.1	16.8
9 8	23 35.47	−33 16.1	1.781	2.710	10.2	16.8
9 18	23 27.47	−34 0.5	1.797	2.701	11.5	16.8
9 28	23 19.90	−34 14.0	1.837	2.692	13.5	16.9
10 8	23 13.78	−33 56.5	1.896	2.684	15.6	17.1
10 18	23 9.78	−33 10.8	1.972	2.677	17.6	17.2
290027 2005 QY_{24}			9 14.6 354°.34	2°.4/13.1 18		
8 9	23 56.75	− 7 37.2	1.243	2.122	17.9	20.0
8 19	23 52.76	− 7 45.1	1.178	2.118	13.7	19.8
8 29	23 45.83	− 8 1.8	1.133	2.115	8.8	19.5
9 8	23 36.76	− 8 21.2	1.110	2.113	3.8	19.2
9 18	23 26.79	− 8 36.7	1.111	2.111	3.7	19.2
9 28	23 17.40	− 8 41.7	1.137	2.111	8.7	19.5
10 8	23 9.97	− 8 31.8	1.185	2.111	13.6	19.8
10 18	23 5.37	− 8 5.8	1.253	2.112	17.9	20.0
164113 2003 XT_{21}			9 14.6 315°.98	2°.6/12.9 18		
8 9	0 0.60	− 9 55.4	1.628	2.488	15.3	19.2
8 19	23 55.19	− 9 52.0	1.547	2.476	11.8	18.9
8 29	23 47.19	− 9 52.4	1.487	2.464	7.6	18.7
9 8	23 37.29	− 9 51.9	1.452	2.453	3.5	18.4
9 18	23 26.50	− 9 45.6	1.444	2.442	3.6	18.4
9 28	23 16.12	− 9 29.5	1.463	2.432	7.8	18.6
10 8	23 7.34	− 9 0.9	1.508	2.421	12.1	18.8
10 18	23 1.00	− 8 19.5	1.574	2.412	15.9	19.1
506836 2007 TH_{267}			9 14.6 313°.20	3°.0/12.7 18		
8 9	23 55.71	− 7 34.5	1.168	2.052	18.5	21.5
8 19	23 52.42	− 7 58.4	1.091	2.034	14.2	21.2
8 29	23 45.94	− 8 33.9	1.032	2.015	9.2	20.9
9 8	23 36.95	− 9 13.9	0.995	1.997	4.2	20.6
9 18	23 26.65	− 9 49.8	0.981	1.980	4.5	20.5
9 28	23 16.69	−10 12.6	0.991	1.963	9.9	20.8
10 8	23 8.68	−10 15.8	1.022	1.948	15.3	21.0
10 18	23 3.73	− 9 57.2	1.072	1.933	20.1	21.3
408982 2002 SP			9 14.6 209°.77	1°.3/14.7 14 C		
8 9	1 18.90	− 1 51.7	0.655	1.447	37.9	22.0
8 19	1 5.59	− 1 23.1	0.563	1.446	31.8	21.5
8 29	0 40.93	− 1 11.6	0.482	1.437	22.8	20.9
9 8	0 2.43	− 1 16.7	0.421	1.419	10.3	20.1
9 18	23 11.99	− 1 32.9	0.390	1.392	5.5	19.7
9 28	22 19.36	− 1 46.4	0.393	1.357	21.7	20.3
10 8	21 35.91	− 1 45.5	0.425	1.312	35.8	20.8
10 18	21 5.88	− 1 28.0	0.472	1.258	46.9	21.2
503862 1999 BG_{31}			9 14.6 292°.68	3°.1/12.2 18		
8 9	23 54.39	− 6 10.3	1.276	2.154	17.6	21.4
8 19	23 51.11	− 7 4.0	1.199	2.139	13.4	21.1
8 29	23 44.92	− 8 12.8	1.141	2.124	8.6	20.8
9 8	23 36.48	− 9 28.8	1.107	2.109	4.0	20.5
9 18	23 26.91	−10 42.0	1.096	2.094	4.6	20.5
9 28	23 17.67	−11 41.6	1.110	2.079	9.7	20.7
10 8	23 10.20	−12 19.7	1.146	2.064	14.7	21.0
10 18	23 5.51	−12 32.6	1.202	2.050	19.2	21.2
516928 2011 WZ_{105}			9 14.6 212°.90	9°.8/30.2 18		
8 9	0 0.37	−40 39.3	2.803	3.609	11.1	22.4
8 19	23 54.24	−41 56.2	2.761	3.603	10.2	22.3
8 29	23 46.15	−42 58.9	2.741	3.595	9.8	22.3
9 8	23 36.74	−43 41.1	2.745	3.588	10.1	22.3
9 18	23 26.85	−43 58.4	2.772	3.580	10.9	22.4
9 28	23 17.43	−43 48.8	2.821	3.571	12.0	22.4
10 8	23 9.34	−43 13.5	2.889	3.563	13.2	22.5
10 18	23 3.18	−42 15.5	2.975	3.553	14.3	22.6
429442 2010 VV_{79}			9 14.6 280°.83	2°.5/ 9.7 17		
8 9	23 46.36	−15 0.0	4.292	5.146	6.7	20.7
8 19	23 42.87	−15 32.9	4.218	5.143	5.1	20.6
8 29	23 38.53	−16 6.1	4.170	5.141	3.5	20.5
9 8	23 33.62	−16 36.9	4.151	5.138	2.5	20.4
9 18	23 28.48	−17 2.9	4.160	5.136	3.0	20.5
9 28	23 23.48	−17 21.9	4.199	5.133	4.5	20.6
10 8	23 18.98	−17 32.4	4.266	5.130	6.1	20.7
10 18	23 15.30	−17 33.6	4.357	5.128	7.7	20.8
63026 2000 WF_{54}			9 14.6 121°.66	3°.6/17.7 18		
8 9	23 57.18	+ 8 16.7	1.588	2.400	17.9	18.8
8 19	23 52.46	+ 8 12.3	1.519	2.411	14.3	18.6
8 29	23 45.32	+ 7 45.9	1.470	2.422	10.3	18.4
9 8	23 36.49	+ 6 59.2	1.444	2.432	6.0	18.2
9 18	23 26.97	+ 5 57.0	1.444	2.442	3.6	18.1
9 28	23 17.95	+ 4 46.6	1.471	2.452	6.2	18.3
10 8	23 10.52	+ 3 36.8	1.524	2.461	10.3	18.5
10 18	23 5.42	+ 2 35.1	1.600	2.469	14.1	18.8

212689 2006 WF_{159} 9 14.6 209°.54 0°.2/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 47.95	− 0 1.8	3.264	4.087	9.3	21.5
8 19	23 44.33	− 0 28.9	3.178	4.085	7.1	21.4
8 29	23 39.59	− 1 4.0	3.116	4.084	4.6	21.2
9 8	23 34.08	− 1 44.7	3.082	4.082	1.9	21.0
9 18	23 28.24	− 2 28.2	3.077	4.080	0.9	20.9
9 28	23 22.56	− 3 10.9	3.102	4.078	3.6	21.2
10 8	23 17.54	− 3 49.6	3.156	4.076	6.2	21.3
10 18	23 13.55	− 4 21.6	3.236	4.074	8.5	21.5

72459 2001 DP_{18} 9 14.6 287°.36 5°.9/ 7.9 18

8 9	23 51.21	−13 47.2	1.727	2.606	13.7	19.1
8 19	23 47.97	−15 33.4	1.653	2.591	10.5	18.8
8 29	23 42.51	−17 26.7	1.602	2.577	7.4	18.6
9 8	23 35.41	−19 17.2	1.576	2.562	5.9	18.5
9 18	23 27.51	−20 54.4	1.577	2.547	7.5	18.6
9 28	23 19.87	−22 9.5	1.604	2.533	10.7	18.7
10 8	23 13.55	−22 57.2	1.654	2.518	14.1	18.9
10 18	23 9.31	−23 16.4	1.724	2.503	17.2	19.1

398412 2011 SY_{245} 9 14.6 307°.31 2°.0/16.6 18

8 9	23 51.39	+ 5 9.3	1.862	2.688	15.1	21.3
8 19	23 47.84	+ 4 49.1	1.779	2.682	12.0	21.1
8 29	23 42.29	+ 4 11.0	1.716	2.677	8.3	20.9
9 8	23 35.28	+ 3 17.6	1.677	2.672	4.3	20.6
9 18	23 27.59	+ 2 13.3	1.665	2.667	2.1	20.5
9 28	23 20.18	+ 1 5.1	1.681	2.662	5.4	20.7
10 8	23 13.96	− 0 0.0	1.722	2.658	9.4	20.9
10 18	23 9.63	− 0 55.7	1.788	2.653	13.0	21.1

362420 2010 PY_{71} 9 14.6 337°.49 2°.8/17.7 18

8 9	23 48.16	+ 8 32.8	1.879	2.694	15.4	20.5
8 19	23 45.39	+ 8 3.7	1.793	2.687	12.4	20.3
8 29	23 40.71	+ 7 13.4	1.727	2.681	8.9	20.0
9 8	23 34.65	+ 6 4.1	1.685	2.674	5.1	19.8
9 18	23 27.94	+ 4 40.6	1.669	2.669	2.8	19.6
9 28	23 21.49	+ 3 10.1	1.681	2.663	5.3	19.8
10 8	23 16.16	+ 1 41.2	1.719	2.659	9.1	20.0
10 18	23 12.62	+ 0 21.3	1.782	2.654	12.7	20.2

173427 2000 GD_{141} 9 14.6 218°.03 9°.5/19.3 17

8 9	0 8.03	+13 9.7	1.315	2.102	22.2	20.1
8 19	0 1.89	+14 53.8	1.234	2.098	18.9	19.8
8 29	23 52.17	+16 17.4	1.170	2.093	15.1	19.6
9 8	23 39.55	+17 14.3	1.128	2.087	11.5	19.4
9 18	23 25.30	+17 39.8	1.108	2.081	9.5	19.2
9 28	23 11.29	+17 35.1	1.114	2.075	10.7	19.3
10 8	22 59.33	+17 7.4	1.143	2.068	14.2	19.5
10 18	22 50.75	+16 27.6	1.193	2.060	18.0	19.7

226824 2004 RW_{287} 9 14.6 7°.14 3°.3/11.9 18

8 9	23 53.57	−10 25.7	1.635	2.508	14.6	19.2
8 19	23 49.61	−10 49.8	1.573	2.510	11.1	19.0
8 29	23 43.44	−11 18.7	1.532	2.512	7.2	18.8
9 8	23 35.73	−11 46.5	1.516	2.515	3.7	18.6
9 18	23 27.42	−12 7.3	1.525	2.519	4.3	18.6
9 28	23 19.62	−12 15.9	1.560	2.524	8.0	18.8
10 8	23 13.29	−12 9.3	1.620	2.529	11.7	19.1
10 18	23 9.12	−11 46.7	1.702	2.536	15.1	19.3

405812 2006 BH_{75} 9 14.6 166°.86 3°.5/10.0 18

8 9	23 51.07	−12 9.2	2.458	3.318	10.8	21.7
8 19	23 47.05	−13 12.1	2.389	3.320	8.1	21.6
8 29	23 41.50	−14 18.4	2.346	3.321	5.4	21.4
9 8	23 34.89	−15 22.7	2.329	3.322	3.6	21.3
9 18	23 27.85	−16 19.5	2.342	3.323	4.5	21.3
9 28	23 21.09	−17 4.0	2.382	3.323	7.0	21.5
10 8	23 15.29	−17 33.1	2.448	3.324	9.7	21.7
10 18	23 10.95	−17 45.5	2.538	3.325	12.1	21.9

137910 2000 AP_{238} 9 14.6 270°.28 4°.1/11.1 18

8 9	23 56.92	−10 32.4	1.629	2.497	14.9	20.2
8 19	23 52.52	−11 25.8	1.544	2.478	11.4	19.9
8 29	23 45.59	−12 27.2	1.480	2.459	7.6	19.6
9 8	23 36.71	−13 29.2	1.442	2.439	4.4	19.4
9 18	23 26.86	−14 23.5	1.429	2.419	5.4	19.4
9 28	23 17.25	−15 2.3	1.443	2.399	9.3	19.6
10 8	23 9.10	−15 20.5	1.481	2.378	13.5	19.8
10 18	23 3.32	−15 16.3	1.540	2.357	17.2	20.0

252061 2000 SV_{81} 9 14.6 0°.58 5°.0/11.7 18

8 9	23 56.42	−11 45.4	1.035	1.931	19.3	19.7
8 19	23 52.97	−12 13.3	0.980	1.928	14.8	19.4
8 29	23 46.17	−12 46.9	0.943	1.927	9.8	19.1
9 8	23 36.97	−13 17.0	0.927	1.926	5.5	18.9
9 18	23 26.80	−13 34.2	0.933	1.927	6.4	19.0
9 28	23 17.42	−13 31.1	0.962	1.929	11.1	19.2
10 8	23 10.34	−13 5.1	1.011	1.932	16.0	19.5
10 18	23 6.47	−12 17.0	1.079	1.936	20.2	19.8

65742 1993 TY_{18} 9 14.6 13°.73 1°.7/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 38.27	+ 4 41.6	0.683	1.595	24.5	17.8
8 19	23 39.71	+ 4 6.7	0.649	1.603	19.1	17.6
8 29	23 37.83	+ 2 55.1	0.629	1.613	12.8	17.3
9 8	23 33.63	+ 1 15.8	0.625	1.627	6.0	17.0
9 18	23 28.57	− 0 36.3	0.640	1.644	2.3	16.9
9 28	23 24.34	− 2 22.9	0.674	1.664	8.5	17.3
10 8	23 22.34	− 3 48.4	0.727	1.686	14.5	17.8
10 18	23 23.25	− 4 44.4	0.797	1.711	19.6	18.2

263166 2007 VP_{311} 9 14.6 277°.03 0°.6/15.1 18

8 9	23 53.98	+ 0 13.0	1.967	2.803	14.0	21.2
8 19	23 49.68	+ 0 0.2	1.885	2.799	10.9	21.0
8 29	23 43.42	− 0 25.0	1.825	2.795	7.2	20.8
9 8	23 35.74	− 0 59.7	1.790	2.791	3.1	20.5
9 18	23 27.43	− 1 39.6	1.783	2.787	1.4	20.4
9 28	23 19.41	− 2 19.3	1.804	2.783	5.5	20.6
10 8	23 12.57	− 2 53.5	1.851	2.779	9.4	20.9
10 18	23 7.58	− 3 18.1	1.922	2.775	12.8	21.1

150641 2001 CU_{25} 9 14.6 43°.10 0°.1/14.5 18

8 9	23 54.62	− 2 23.3	2.216	3.052	12.7	19.6
8 19	23 49.88	− 2 29.4	2.138	3.054	9.7	19.4
8 29	23 43.40	− 2 44.2	2.084	3.055	6.3	19.2
9 8	23 35.69	− 3 4.8	2.055	3.057	2.5	19.0
9 18	23 27.47	− 3 27.8	2.055	3.058	1.3	18.9
9 28	23 19.57	− 3 48.9	2.084	3.060	5.1	19.2
10 8	23 12.75	− 4 4.3	2.140	3.062	8.6	19.4
10 18	23 7.61	− 4 11.4	2.220	3.063	11.7	19.6

258756 2002 HR_{3} 9 14.6 90°.76 3°.5/10.1 18

8 9	23 51.92	−11 40.4	2.325	3.185	11.3	20.0
8 19	23 47.68	−12 48.5	2.271	3.202	8.5	19.9
8 29	23 41.88	−13 59.9	2.242	3.218	5.6	19.7
9 8	23 35.04	−15 8.6	2.241	3.234	3.6	19.6
9 18	23 27.84	−16 8.8	2.268	3.250	4.5	19.7
9 28	23 21.02	−16 55.7	2.323	3.265	7.1	19.9
10 8	23 15.26	−17 26.4	2.404	3.281	9.8	20.1
10 18	23 11.05	−17 39.9	2.508	3.296	12.2	20.3

222843 2002 EB_{80} 9 14.6 263°.07 0°.6/13.3 18

8 9	23 44.90	− 4 43.7	4.443	5.277	6.8	20.5
8 19	23 41.78	− 5 13.5	4.353	5.270	5.1	20.3
8 29	23 37.86	− 5 47.5	4.289	5.263	3.2	20.2
9 8	23 33.40	− 6 23.8	4.254	5.255	1.3	20.0
9 18	23 28.70	− 7 0.0	4.248	5.248	1.2	20.0
9 28	23 24.11	− 7 33.8	4.273	5.241	3.1	20.2
10 8	23 19.95	− 8 3.0	4.326	5.233	5.0	20.3
10 18	23 16.53	− 8 26.0	4.406	5.226	6.8	20.4

213721 2002 VX_{51} 9 14.6 286°.66 2°.1/12.5 18

8 9	23 51.87	− 5 29.1	1.894	2.753	13.6	20.5
8 19	23 48.25	− 6 21.2	1.808	2.738	10.3	20.2
8 29	23 42.60	− 7 24.3	1.745	2.723	6.6	20.0
9 8	23 35.46	− 8 33.0	1.707	2.709	2.9	19.7
9 18	23 27.60	− 9 40.5	1.696	2.694	3.2	19.7
9 28	23 19.96	−10 39.5	1.713	2.679	7.1	19.9
10 8	23 13.48	−11 24.2	1.756	2.665	11.0	20.1
10 18	23 8.88	−11 51.3	1.821	2.650	14.4	20.3

476025 2007 RM_{203} 9 14.6 304°.19 0°.5/14.9 17

8 9	23 51.62	+ 0 51.1	1.671	2.519	15.6	21.8
8 19	23 48.49	+ 0 24.5	1.570	2.491	12.2	21.5
8 29	23 43.03	− 0 19.4	1.490	2.462	8.1	21.2
9 8	23 35.74	− 1 17.7	1.433	2.434	3.5	20.9
9 18	23 27.43	− 2 24.6	1.403	2.406	1.6	20.6
9 28	23 19.19	− 3 32.4	1.398	2.378	6.6	20.9
10 8	23 12.16	− 4 32.8	1.419	2.351	11.4	21.1
10 18	23 7.27	− 5 19.4	1.463	2.323	15.7	21.3

81088 2000 EM_{92} 9 14.6 327°.34 3°.0/17.2 18

8 9	23 50.55	+ 7 9.5	1.387	2.226	18.7	18.5
8 19	23 47.90	+ 6 51.9	1.308	2.218	15.0	18.2
8 29	23 42.70	+ 6 8.9	1.248	2.210	10.6	18.0
9 8	23 35.59	+ 5 2.6	1.209	2.202	5.9	17.7
9 18	23 27.54	+ 3 39.0	1.194	2.195	3.1	17.5
9 28	23 19.83	+ 2 7.5	1.205	2.189	6.7	17.7
10 8	23 13.67	+ 0 39.2	1.239	2.183	11.5	18.0
10 18	23 9.93	− 0 36.4	1.296	2.177	15.9	18.2

55563 2002 AW_{34} 9 14.6 359°.70 5°.8/26.1 18

8 9	23 50.27	+27 8.8	4.273	4.900	10.0	18.9
8 19	23 46.01	+27 50.1	4.174	4.900	9.0	18.8
8 29	23 40.67	+28 18.2	4.095	4.900	7.8	18.7
9 8	23 34.58	+28 31.9	4.039	4.900	6.8	18.6
9 18	23 28.11	+28 31.0	4.008	4.900	6.0	18.5
9 28	23 21.72	+28 16.4	4.003	4.900	5.8	18.5
10 8	23 15.86	+27 50.2	4.025	4.900	6.2	18.6
10 18	23 10.92	+27 15.4	4.073	4.900	7.1	18.6

120553 1995 CZ_2 9 14.6 335°.00 0°.9/13.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 47.57	− 2 4.7	1.647	2.512	15.0	19.2
8 19	23 45.25	− 2 47.9	1.561	2.493	11.5	19.0
8 29	23 40.82	− 3 46.6	1.497	2.476	7.4	18.7
9 8	23 34.79	− 4 55.7	1.457	2.460	2.9	18.4
9 18	23 27.98	− 6 8.2	1.442	2.444	2.3	18.3
9 28	23 21.40	− 7 15.7	1.453	2.429	6.9	18.6
10 8	23 16.05	− 8 10.9	1.489	2.416	11.3	18.8
10 18	23 12.71	− 8 48.5	1.547	2.403	15.2	19.0

482372 2011 YB_{44} 9 14.6 208°.43 3°.7/ 9.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 54.00	−15 19.7	2.911	3.763	9.5	22.1
8 19	23 49.09	−16 6.6	2.833	3.756	7.3	22.0
8 29	23 42.75	−16 54.3	2.781	3.749	5.1	21.8
9 8	23 35.43	−17 38.2	2.756	3.742	3.7	21.7
9 18	23 27.69	−18 14.2	2.760	3.734	4.4	21.8
9 28	23 20.17	−18 38.7	2.794	3.725	6.6	21.9
10 8	23 13.49	−18 49.4	2.854	3.716	8.9	22.0
10 18	23 8.15	−18 45.9	2.939	3.707	11.0	22.2

147134 2002 TL_{206} 9 14.6 1°.57 2°.7/16.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 48.77	+ 3 48.0	1.028	1.903	21.1	18.8
8 19	23 47.11	+ 3 55.2	0.968	1.900	16.7	18.5
8 29	23 42.44	+ 3 37.6	0.924	1.898	11.6	18.2
9 8	23 35.53	+ 2 57.9	0.900	1.898	6.0	17.9
9 18	23 27.62	+ 2 2.5	0.897	1.900	2.9	17.8
9 28	23 20.27	+ 1 1.6	0.917	1.903	7.6	18.1
10 8	23 14.92	+ 0 6.2	0.958	1.908	13.1	18.4
10 18	23 12.47	− 0 35.2	1.018	1.915	17.9	18.7

71293 2000 AX_{58} 9 14.6 292°.07 1°.5/15.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 54.59	+ 1 59.1	1.794	2.628	15.3	19.0
8 19	23 50.53	+ 1 58.8	1.698	2.609	12.0	18.8
8 29	23 44.22	+ 1 43.9	1.624	2.591	8.2	18.5
9 8	23 36.18	+ 1 16.4	1.574	2.572	4.0	18.2
9 18	23 27.25	+ 0 40.1	1.551	2.553	1.8	18.0
9 28	23 18.47	+ 0 0.6	1.554	2.535	5.9	18.2
10 8	23 10.92	− 0 36.0	1.584	2.517	10.3	18.5
10 18	23 5.43	− 1 4.2	1.637	2.498	14.2	18.7

69980 1998 WP_{15} 9 14.6 255°.76 7°.4/ 5.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 54.24	−26 20.0	2.408	3.266	11.1	18.2
8 19	23 49.63	−27 32.0	2.350	3.261	9.1	18.0
8 29	23 43.25	−28 37.9	2.317	3.256	7.7	17.9
9 8	23 35.66	−29 30.7	2.309	3.251	7.5	17.9
9 18	23 27.58	−30 4.9	2.327	3.246	8.5	18.0
9 28	23 19.85	−30 17.1	2.370	3.241	10.3	18.1
10 8	23 13.27	−30 6.4	2.436	3.235	12.3	18.2
10 18	23 8.39	−29 34.4	2.522	3.230	14.1	18.4

208563 2002 CL_4 9 14.6 344°.20 5°.7/10.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 41.15	− 7 53.8	0.824	1.747	20.1	18.7
8 19	23 41.88	− 9 17.3	0.764	1.729	15.3	18.3
8 29	23 39.40	−11 1.2	0.721	1.713	9.9	18.0
9 8	23 34.42	−12 52.5	0.697	1.699	5.9	17.7
9 18	23 28.18	−14 34.0	0.693	1.687	7.8	17.8
9 28	23 22.44	−15 48.9	0.707	1.677	13.3	18.0
10 8	23 18.85	−16 26.6	0.739	1.670	18.8	18.3
10 18	23 18.43	−16 24.5	0.786	1.665	23.6	18.6

249781 2000 WV_{121} 9 14.6 280°.89 1°.1/13.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 53.06	− 1 15.1	1.402	2.264	17.2	20.0
8 19	23 49.77	− 2 11.3	1.326	2.257	13.2	19.8
8 29	23 43.88	− 3 26.7	1.272	2.250	8.5	19.5
9 8	23 36.07	− 4 54.8	1.240	2.243	3.3	19.1
9 18	23 27.35	− 6 26.3	1.234	2.236	2.7	19.1
9 28	23 19.00	− 7 50.5	1.254	2.229	7.9	19.4
10 8	23 12.25	− 8 58.2	1.298	2.222	12.8	19.7
10 18	23 7.97	− 9 44.0	1.363	2.216	17.0	19.9

314524 2005 YS_{14} 9 14.6 126°.47 2°.4/11.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 51.57	− 8 50.3	2.506	3.359	10.8	20.8
8 19	23 47.37	− 9 41.7	2.439	3.366	8.1	20.6
8 29	23 41.69	−10 38.2	2.397	3.373	5.2	20.5
9 8	23 35.01	−11 35.0	2.382	3.380	2.7	20.3
9 18	23 27.94	−12 27.1	2.395	3.387	3.3	20.4
9 28	23 21.16	−13 10.0	2.438	3.393	6.0	20.6
10 8	23 15.33	−13 40.4	2.507	3.399	8.8	20.8
10 18	23 10.93	−13 56.7	2.601	3.406	11.3	20.9

20198 1997 CL_{28} 9 14.6 302°.75 0°.2/14.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 52.08	− 0 39.5	1.613	2.467	15.7	19.1
8 19	23 48.78	− 1 11.6	1.526	2.451	12.2	18.8
8 29	23 43.16	− 2 0.0	1.460	2.435	8.0	18.5
9 8	23 35.78	− 3 0.4	1.417	2.419	3.2	18.2
9 18	23 27.49	− 4 6.3	1.400	2.404	1.8	18.1
9 28	23 19.45	− 5 9.7	1.410	2.388	6.8	18.3
10 8	23 12.74	− 6 2.8	1.445	2.373	11.4	18.6
10 18	23 8.20	− 6 40.3	1.502	2.359	15.5	18.8

213179 2000 SR_{162} 9 14.6 349°.10 5°.2/10.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 46.60	− 7 22.1	1.004	1.909	19.0	19.4
8 19	23 45.55	− 9 2.5	0.946	1.901	14.3	19.1
8 29	23 41.49	−11 1.3	0.907	1.895	9.2	18.8
9 8	23 35.18	−13 5.4	0.889	1.889	5.4	18.6
9 18	23 27.83	−14 58.7	0.893	1.885	7.2	18.7
9 28	23 21.05	−16 26.5	0.920	1.882	12.1	18.9
10 8	23 16.24	−17 19.7	0.965	1.881	17.1	19.2
10 18	23 14.34	−17 36.5	1.028	1.880	21.4	19.5

144118 2004 BP_{81} 9 14.6 91°.52 4°.8/10.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 57.30	−11 43.8	1.489	2.362	15.8	19.7
8 19	23 52.62	−12 50.4	1.436	2.373	11.9	19.5
8 29	23 45.46	−14 2.1	1.406	2.384	7.9	19.3
9 8	23 36.60	−15 10.2	1.400	2.394	5.0	19.1
9 18	23 27.15	−16 5.7	1.419	2.405	6.1	19.2
9 28	23 18.35	−16 41.7	1.465	2.415	9.7	19.5
10 8	23 11.28	−16 54.9	1.533	2.425	13.4	19.7
10 18	23 6.65	−16 45.4	1.623	2.435	16.7	20.0

509960 2009 SK_{187} 9 14.6 314°.77 3°.3/12.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 53.25	− 7 36.5	1.338	2.218	16.8	20.8
8 19	23 50.15	− 8 21.1	1.260	2.201	12.9	20.5
8 29	23 44.28	− 9 17.5	1.201	2.184	8.3	20.2
9 8	23 36.29	−10 18.7	1.166	2.167	4.0	19.9
9 18	23 27.24	−11 15.4	1.155	2.151	4.7	19.9
9 28	23 18.51	−11 58.4	1.168	2.136	9.4	20.1
10 8	23 11.44	−12 21.1	1.204	2.121	14.2	20.3
10 18	23 7.00	−12 20.8	1.260	2.107	18.5	20.6

36230 1999 UD_{15} 9 14.6 353°.43 4°.8/ 9.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 54.33	−15 15.3	1.930	2.799	12.9	17.2
8 19	23 49.97	−15 59.7	1.865	2.797	9.9	17.0
8 29	23 43.59	−16 44.9	1.822	2.796	6.8	16.8
9 8	23 35.84	−17 24.7	1.805	2.794	4.9	16.7
9 18	23 27.53	−17 53.0	1.815	2.793	5.8	16.8
9 28	23 19.64	−18 5.1	1.851	2.793	8.6	17.0
10 8	23 13.04	−17 58.8	1.912	2.792	11.7	17.2
10 18	23 8.38	−17 34.1	1.994	2.792	14.5	17.3

243607 1998 WJ_{42} 9 14.6 328°.67 3°.2/17.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 50.99	+ 7 25.3	1.689	2.512	16.5	20.5
8 19	23 47.81	+ 7 18.2	1.605	2.504	13.3	20.3
8 29	23 42.44	+ 6 50.4	1.541	2.497	9.5	20.1
9 8	23 35.46	+ 6 3.6	1.500	2.490	5.5	19.8
9 18	23 27.69	+ 5 1.7	1.484	2.484	3.2	19.6
9 28	23 20.21	+ 3 51.8	1.495	2.478	5.9	19.8
10 8	23 14.02	+ 2 42.0	1.532	2.472	10.0	20.0
10 18	23 9.88	+ 1 39.8	1.591	2.467	13.8	20.3

319257 2006 AE_{87} 9 14.6 230°.79 0°.4/15.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 51.18	+ 0 42.2	2.328	3.158	12.3	21.6
8 19	23 47.26	+ 0 15.0	2.246	3.156	9.5	21.4
8 29	23 41.73	− 0 23.9	2.187	3.155	6.2	21.2
9 8	23 35.08	− 1 11.4	2.154	3.154	2.7	20.9
9 18	23 27.92	− 2 3.3	2.149	3.153	1.2	20.8
9 28	23 21.02	− 2 54.4	2.173	3.151	4.8	21.1
10 8	23 15.08	− 3 39.9	2.225	3.150	8.2	21.3
10 18	23 10.65	− 4 16.0	2.301	3.148	11.2	21.5

236512 2006 GL_{46} 9 14.6 143°.33 0°.5/14.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 54.45	− 1 44.1	2.074	2.912	13.3	21.8
8 19	23 49.86	− 2 24.1	2.002	2.920	10.1	21.6
8 29	23 43.44	− 3 15.6	1.954	2.927	6.5	21.4
9 8	23 35.77	− 4 14.0	1.932	2.934	2.5	21.1
9 18	23 27.59	− 5 14.0	1.938	2.940	1.7	21.1
9 28	23 19.77	− 6 9.4	1.973	2.947	5.6	21.4
10 8	23 13.12	− 6 55.3	2.035	2.952	9.3	21.6
10 18	23 8.23	− 7 28.0	2.121	2.958	12.4	21.8

97286 1999 XF_{162} 9 14.6 304°.39 0°.4/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 59.52	− 2 32.6	1.768	2.608	15.2	19.1
8 19	23 54.17	− 2 17.1	1.686	2.603	11.8	18.8
8 29	23 46.47	− 2 10.9	1.627	2.598	7.7	18.6
9 8	23 37.07	− 2 11.5	1.592	2.593	3.2	18.3
9 18	23 26.89	− 2 15.7	1.585	2.588	1.5	18.2
9 28	23 17.07	− 2 19.2	1.605	2.583	6.1	18.5
10 8	23 8.67	− 2 17.9	1.652	2.579	10.4	18.7
10 18	23 2.48	− 2 9.1	1.722	2.574	14.1	18.9

294603 2008 AJ_8 9 14.6 169°.40 3°.2/11.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 55.03	− 6 45.9	1.532	2.399	15.7	21.3
8 19	23 50.97	− 7 56.8	1.466	2.400	11.9	21.1
8 29	23 44.49	− 9 19.4	1.421	2.402	7.6	20.8
9 8	23 36.27	−10 45.7	1.402	2.402	3.7	20.6
9 18	23 27.32	−12 6.3	1.409	2.403	4.5	20.6
9 28	23 18.84	−13 12.2	1.442	2.404	8.7	20.9
10 8	23 11.92	−13 57.3	1.499	2.404	12.8	21.1
10 18	23 7.33	−14 19.2	1.578	2.404	16.4	21.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
347271 2011 KQ_{31}			9 14.6	70°.42	0°.7/13.9 16	
	h m	° ′			°	m
8 9	23 55.69	− 0 59.8	1.626	2.474	15.9	21.1
8 19	23 51.00	− 1 52.4	1.581	2.503	12.0	20.9
8 29	23 44.20	− 2 59.0	1.557	2.531	7.6	20.7
9 8	23 36.04	− 4 13.0	1.557	2.560	2.9	20.5
9 18	23 27.49	− 5 27.0	1.586	2.588	2.0	20.5
9 28	23 19.61	− 6 33.2	1.641	2.616	6.4	20.9
10 8	23 13.28	− 7 25.7	1.722	2.643	10.4	21.2
10 18	23 9.07	− 8 1.3	1.827	2.670	13.8	21.4
407881 2012 BP_{103}			9 14.6	126°.88	3°.9/19.1 18	
8 9	23 58.02	+10 50.5	2.756	3.514	12.4	21.1
8 19	23 52.17	+11 23.7	2.673	3.526	10.2	20.9
8 29	23 44.76	+11 43.8	2.614	3.537	7.7	20.8
9 8	23 36.28	+11 50.7	2.581	3.548	5.3	20.6
9 18	23 27.33	+11 45.3	2.576	3.559	4.0	20.6
9 28	23 18.64	+11 30.0	2.602	3.569	4.9	20.7
10 8	23 10.89	+11 8.5	2.656	3.580	7.1	20.8
10 18	23 4.60	+10 44.8	2.737	3.589	9.4	21.0
407500 2010 VZ_{85}			9 14.6	308°.51	5°.3/ 9.1 18	
8 9	23 53.47	−16 29.2	2.026	2.895	12.4	20.7
8 19	23 49.34	−17 24.3	1.952	2.883	9.6	20.5
8 29	23 43.24	−18 20.2	1.901	2.872	6.8	20.3
9 8	23 35.73	−19 10.3	1.876	2.860	5.3	20.2
9 18	23 27.60	−19 48.1	1.878	2.849	6.4	20.2
9 28	23 19.79	−20 8.5	1.906	2.838	9.0	20.4
10 8	23 13.18	−20 8.9	1.958	2.827	12.0	20.5
10 18	23 8.42	−19 49.3	2.032	2.817	14.7	20.7
483919 2006 BU_{47}			9 14.6	237°.39	0°.8/13.6 17	
8 9	23 51.94	− 3 33.5	2.568	3.406	11.1	22.4
8 19	23 47.74	− 4 5.8	2.479	3.397	8.4	22.2
8 29	23 42.01	− 4 46.6	2.414	3.387	5.4	22.0
9 8	23 35.20	− 5 32.3	2.375	3.378	2.1	21.8
9 18	23 27.88	− 6 18.7	2.366	3.368	1.7	21.7
9 28	23 20.76	− 7 1.4	2.386	3.357	5.0	21.9
10 8	23 14.50	− 7 36.4	2.434	3.347	8.2	22.1
10 18	23 9.65	− 8 0.7	2.507	3.336	11.0	22.3
257081 2008 FV_{135}			9 14.6	106°.52	1°.4/16.3 18	
8 9	23 51.64	+ 4 6.2	2.317	3.132	12.8	21.5
8 19	23 47.56	+ 3 40.2	2.242	3.142	10.0	21.3
8 29	23 41.89	+ 3 0.4	2.190	3.151	6.8	21.1
9 8	23 35.13	+ 2 9.8	2.165	3.160	3.4	20.9
9 18	23 27.94	+ 1 12.4	2.167	3.169	1.5	20.8
9 28	23 21.05	+ 0 13.4	2.198	3.178	4.5	21.0
10 8	23 15.16	− 0 41.9	2.257	3.187	7.8	21.2
10 18	23 10.80	− 1 29.0	2.342	3.196	10.8	21.4
350891 2002 QY_{142}			9 14.6	301°.61	4°.2/18.9 18	
8 9	23 51.07	+10 50.9	1.829	2.630	16.3	21.0
8 19	23 47.76	+10 45.4	1.740	2.621	13.4	20.8
8 29	23 42.37	+10 17.8	1.669	2.612	10.0	20.5
9 8	23 35.44	+ 9 29.0	1.622	2.603	6.4	20.3
9 18	23 27.75	+ 8 22.0	1.600	2.594	4.2	20.2
9 28	23 20.28	+ 7 3.3	1.605	2.585	5.9	20.3
10 8	23 14.01	+ 5 41.3	1.637	2.577	9.5	20.5
10 18	23 9.68	+ 4 23.8	1.692	2.569	13.1	20.7
25721 Anartya			9 14.6	104°.33	1°.9/16.4 18	
8 9	23 53.96	+ 5 29.3	1.567	2.397	17.2	19.0
8 19	23 50.07	+ 4 54.0	1.498	2.405	13.6	18.8
8 29	23 43.85	+ 3 57.0	1.450	2.413	9.3	18.5
9 8	23 36.01	+ 2 42.3	1.425	2.421	4.6	18.3
9 18	23 27.49	+ 1 16.7	1.426	2.429	2.0	18.1
9 28	23 19.44	− 0 10.9	1.454	2.436	6.1	18.4
10 8	23 12.90	− 1 31.3	1.508	2.444	10.5	18.7
10 18	23 8.59	− 2 37.5	1.586	2.451	14.4	19.0
383170 2005 VG_{81}			9 14.6	338°.63	1°.6/15.8 18	
8 9	23 49.84	+ 2 18.5	1.218	2.084	19.0	21.0
8 19	23 47.69	+ 2 12.8	1.142	2.071	15.0	20.7
8 29	23 42.77	+ 1 45.7	1.085	2.059	10.2	20.4
9 8	23 35.72	+ 1 0.2	1.048	2.048	4.8	20.1
9 18	23 27.60	+ 0 2.4	1.034	2.038	2.1	19.9
9 28	23 19.82	− 0 58.5	1.044	2.029	7.3	20.2
10 8	23 13.76	− 1 52.5	1.077	2.021	12.7	20.4
10 18	23 10.37	− 2 32.1	1.130	2.015	17.4	20.7
60710 2000 GU_{57}			9 14.6	43°.59	0°.6/14.9 18	
8 9	23 56.53	+ 0 6.3	1.076	1.946	20.7	18.9
8 19	23 52.75	− 0 5.3	1.026	1.959	15.9	18.7
8 29	23 45.88	− 0 36.9	0.994	1.971	10.4	18.4
9 8	23 36.87	− 1 23.0	0.983	1.985	4.4	18.1
9 18	23 27.09	− 2 15.7	0.995	1.999	2.0	18.0
9 28	23 18.14	− 3 5.1	1.031	2.014	7.8	18.4
10 8	23 11.39	− 3 42.8	1.090	2.029	13.2	18.8
10 18	23 7.62	− 4 3.9	1.168	2.044	17.6	19.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
273674 2007 ED_{3}			9 14.6	210°.58	0°.6/13.9 18	
	h m	° ′			°	m
8 9	23 53.67	− 0 20.8	1.983	2.821	13.9	21.6
8 19	23 49.50	− 1 23.3	1.898	2.815	10.6	21.4
8 29	23 43.37	− 2 41.2	1.836	2.809	6.8	21.2
9 8	23 35.81	− 4 9.4	1.800	2.802	2.7	20.9
9 18	23 27.58	− 5 40.9	1.793	2.795	1.9	20.8
9 28	23 19.62	− 7 7.7	1.814	2.787	6.1	21.1
10 8	23 12.79	− 8 22.9	1.863	2.778	10.1	21.3
10 18	23 7.80	− 9 21.4	1.935	2.769	13.5	21.5
395028 2009 CG_{50}			9 14.6	194°.23	1°.9/12.6 18	
8 9	23 53.12	− 5 26.9	2.044	2.896	13.0	21.1
8 19	23 48.96	− 6 18.4	1.969	2.895	9.8	20.9
8 29	23 42.94	− 7 19.4	1.917	2.894	6.2	20.7
9 8	23 35.61	− 8 24.6	1.891	2.893	2.7	20.5
9 18	23 27.71	− 9 27.8	1.894	2.891	2.9	20.5
9 28	23 20.12	−10 22.7	1.924	2.890	6.5	20.7
10 8	23 13.68	−11 4.3	1.981	2.888	10.1	20.9
10 18	23 9.00	−11 30.0	2.061	2.886	13.2	21.1
122874 2000 SY_{139}			9 14.6	298°.34	3°.1/16.9 18	
8 9	23 56.43	+ 4 40.2	1.633	2.459	16.8	19.8
8 19	23 52.16	+ 5 3.7	1.543	2.446	13.5	19.6
8 29	23 45.40	+ 5 11.0	1.474	2.433	9.6	19.3
9 8	23 36.74	+ 5 2.7	1.427	2.419	5.4	19.0
9 18	23 27.09	+ 4 41.2	1.407	2.406	3.2	18.9
9 28	23 17.65	+ 4 11.4	1.412	2.393	6.4	19.0
10 8	23 9.61	+ 3 39.9	1.443	2.381	10.7	19.3
10 18	23 3.87	+ 3 12.6	1.497	2.368	14.8	19.5
88063 2000 VP_{46}			9 14.6	295°.59	3°.2/11.5 18	
8 9	23 55.46	−11 24.6	2.103	2.961	12.4	18.7
8 19	23 50.69	−11 54.2	2.028	2.956	9.4	18.5
8 29	23 44.03	−12 27.2	1.976	2.952	6.2	18.3
9 8	23 36.05	−12 58.7	1.951	2.948	3.5	18.1
9 18	23 27.50	−13 23.4	1.953	2.943	4.1	18.2
9 28	23 19.30	−13 37.0	1.984	2.939	7.2	18.4
10 8	23 12.28	−13 36.7	2.040	2.935	10.4	18.5
10 18	23 7.06	−13 21.6	2.119	2.931	13.3	18.7
360112 2013 CG_{16}			9 14.6	26°.60	0°.6/14.1 18	
8 9	23 54.40	− 3 11.9	1.805	2.656	14.5	20.1
8 19	23 50.10	− 3 26.7	1.736	2.659	11.0	19.9
8 29	23 43.74	− 3 51.7	1.688	2.664	7.1	19.7
9 8	23 35.95	− 4 23.2	1.666	2.668	2.8	19.4
9 18	23 27.58	− 4 56.0	1.671	2.673	1.8	19.4
9 28	23 19.61	− 5 24.8	1.702	2.678	6.1	19.7
10 8	23 12.98	− 5 44.9	1.760	2.684	10.0	19.9
10 18	23 8.33	− 5 53.3	1.841	2.690	13.5	20.2
246308 2007 TX_{147}			9 14.6	288°.83	3°.2/18.5 18	
8 9	23 49.11	+12 0.1	1.865	2.662	16.2	20.5
8 19	23 46.26	+11 2.7	1.767	2.648	13.2	20.2
8 29	23 41.41	+ 9 37.9	1.689	2.635	9.6	20.0
9 8	23 35.07	+ 7 47.8	1.636	2.621	5.8	19.7
9 18	23 27.99	+ 5 38.1	1.609	2.608	3.2	19.5
9 28	23 21.11	+ 3 18.5	1.612	2.594	5.5	19.7
10 8	23 15.36	+ 1 0.4	1.642	2.581	9.5	19.9
10 18	23 11.48	− 1 5.9	1.698	2.568	13.4	20.1
307179 2002 ER_{65}			9 14.6	180°.69	1°.1/15.7 18	
8 9	23 54.38	+ 2 52.5	2.029	2.852	14.1	21.4
8 19	23 49.94	+ 2 25.0	1.948	2.853	11.0	21.2
8 29	23 43.60	+ 1 42.6	1.889	2.853	7.4	21.0
9 8	23 35.90	+ 0 48.2	1.856	2.854	3.4	20.8
9 18	23 27.59	− 0 13.3	1.850	2.853	1.4	20.6
9 28	23 19.59	− 1 15.7	1.873	2.853	5.2	20.9
10 8	23 12.75	− 2 12.8	1.923	2.851	9.1	21.1
10 18	23 7.72	− 2 59.6	1.998	2.850	12.4	21.3
359477 2010 OK_{15}			9 14.6	7°.97	2°.5/12.7 18	
8 9	23 58.07	− 9 45.8	1.801	2.660	14.1	20.2
8 19	23 52.90	− 9 50.2	1.732	2.661	10.7	20.0
8 29	23 45.55	− 9 58.6	1.685	2.662	6.9	19.8
9 8	23 36.68	−10 6.4	1.663	2.664	3.3	19.6
9 18	23 27.21	−10 9.1	1.669	2.666	3.4	19.6
9 28	23 18.22	−10 2.8	1.702	2.668	7.1	19.8
10 8	23 10.67	− 9 45.0	1.761	2.671	10.9	20.0
10 18	23 5.24	− 9 15.0	1.842	2.675	14.2	20.3
171621 2000 CR_{58}			9 14.6	323°.80	18°.1/22.5 17	
8 9	0 2.83	+22 9.9	1.031	1.808	27.6	19.1
8 19	23 59.11	+25 19.2	0.961	1.797	25.1	18.8
8 29	23 51.20	+28 3.5	0.905	1.787	22.3	18.6
9 8	23 39.56	+30 9.0	0.865	1.778	19.8	18.4
9 18	23 25.51	+31 22.7	0.842	1.769	18.3	18.3
9 28	23 11.35	+31 39.1	0.837	1.761	18.4	18.3
10 8	22 59.55	+31 4.8	0.849	1.754	20.0	18.4
10 18	22 51.97	+29 55.0	0.877	1.747	22.6	18.5

41279 Trentman 9 14.6 84°.34 5°.1/20.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 51.97	+14 58.3	2.280	3.040	14.6	19.0
8 19	23 47.98	+15 9.5	2.198	3.045	12.3	18.9
8 29	23 42.26	+15 1.3	2.135	3.051	9.6	18.7
9 8	23 35.35	+14 33.9	2.096	3.056	6.9	18.5
9 18	23 27.89	+13 49.0	2.083	3.061	5.2	18.5
9 28	23 20.70	+12 50.8	2.098	3.067	5.8	18.5
10 8	23 14.54	+11 45.3	2.140	3.072	8.0	18.7
10 18	23 9.99	+10 39.0	2.207	3.078	10.7	18.8

375161 2008 CS_{153} 9 14.6 238°.25 2°.5/12.6 17

8 9	23 56.44	− 6 20.3	1.478	2.344	16.3	21.3
8 19	23 52.17	− 7 3.3	1.410	2.344	12.4	21.0
8 29	23 45.34	− 7 57.5	1.363	2.343	7.9	20.8
9 8	23 36.67	− 8 56.0	1.340	2.342	3.5	20.5
9 18	23 27.22	− 9 50.9	1.343	2.341	3.8	20.5
9 28	23 18.25	−10 34.2	1.372	2.340	8.2	20.8
10 8	23 10.93	−11 0.5	1.425	2.339	12.7	21.1
10 18	23 6.05	−11 7.1	1.499	2.338	16.5	21.3

177836 2005 NU_{65} 9 14.6 340°.72 0°.1/14.6 18

8 9	23 51.47	− 0 28.5	1.840	2.686	14.4	20.6
8 19	23 47.93	− 0 58.6	1.762	2.683	11.1	20.4
8 29	23 42.40	− 1 42.4	1.706	2.679	7.2	20.1
9 8	23 35.44	− 2 35.9	1.674	2.676	2.9	19.9
9 18	23 27.85	− 3 33.6	1.670	2.673	1.5	19.7
9 28	23 20.56	− 4 28.7	1.693	2.671	5.9	20.0
10 8	23 14.49	− 5 15.3	1.741	2.668	9.9	20.3
10 18	23 10.30	− 5 48.9	1.813	2.666	13.4	20.5

224747 2006 DH_{68} 9 14.6 195°.92 3°.8/10.3 18

8 9	23 56.58	−15 56.7	2.693	3.543	10.3	20.9
8 19	23 51.11	−16 24.9	2.619	3.541	7.9	20.7
8 29	23 44.10	−16 52.7	2.571	3.539	5.4	20.5
9 8	23 36.04	−17 15.8	2.550	3.537	3.8	20.4
9 18	23 27.57	−17 30.2	2.558	3.535	4.5	20.5
9 28	23 19.41	−17 32.8	2.595	3.532	6.7	20.6
10 8	23 12.23	−17 22.2	2.660	3.530	9.2	20.8
10 18	23 6.55	−16 58.3	2.748	3.527	11.5	20.9

319445 2006 KU_{61} 9 14.6 350°.61 4°.1/10.7 18

8 9	23 51.87	− 9 43.6	1.576	2.453	14.9	20.1
8 19	23 48.54	−10 51.9	1.510	2.450	11.2	19.8
8 29	23 42.92	−12 8.5	1.467	2.447	7.3	19.6
9 8	23 35.68	−13 25.3	1.448	2.445	4.3	19.4
9 18	23 27.73	−14 33.6	1.455	2.444	5.4	19.5
9 28	23 20.22	−15 25.2	1.487	2.443	9.1	19.7
10 8	23 14.16	−15 55.4	1.543	2.442	12.9	19.9
10 18	23 10.28	−16 2.6	1.620	2.442	16.3	20.2

418877 2008 YK_{21} 9 14.6 203°.60 1°.8/16.0 17

8 9	23 57.68	+ 3 22.1	1.496	2.332	17.7	21.9
8 19	23 53.18	+ 3 10.0	1.419	2.330	13.9	21.7
8 29	23 46.06	+ 2 38.7	1.361	2.327	9.5	21.4
9 8	23 37.01	+ 1 51.0	1.327	2.324	4.6	21.1
9 18	23 27.04	+ 0 52.3	1.318	2.321	2.1	21.0
9 28	23 17.46	− 0 9.4	1.336	2.317	6.6	21.3
10 8	23 9.50	− 1 5.8	1.379	2.313	11.4	21.5
10 18	23 4.02	− 1 50.2	1.445	2.309	15.6	21.8

60310 1999 XD_{215} 9 14.6 347°.21 8°.7/ 5.9 18 R

8 9	23 48.41	−18 9.9	1.324	2.223	15.7	18.0
8 19	23 46.41	−20 8.9	1.269	2.215	12.4	17.8
8 29	23 41.80	−22 9.8	1.235	2.207	9.6	17.6
9 8	23 35.29	−23 59.3	1.225	2.200	8.8	17.6
9 18	23 27.95	−25 24.9	1.237	2.194	10.6	17.6
9 28	23 21.08	−26 17.6	1.272	2.190	13.8	17.8
10 8	23 15.90	−26 34.0	1.327	2.186	17.2	18.0
10 18	23 13.20	−26 16.1	1.398	2.184	20.2	18.2

514059 2014 OZ_{352} 9 14.6 94°.92 3°.1/18.3 18 R

8 9	23 53.59	+ 8 44.0	2.393	3.181	13.3	21.3
8 19	23 48.99	+ 8 45.7	2.321	3.197	10.7	21.1
8 29	23 42.80	+ 8 32.4	2.270	3.212	7.7	21.0
9 8	23 35.54	+ 8 5.3	2.245	3.227	4.8	20.8
9 18	23 27.85	+ 7 27.2	2.248	3.242	3.1	20.7
9 28	23 20.49	+ 6 42.3	2.279	3.257	4.6	20.9
10 8	23 14.15	+ 5 55.5	2.339	3.271	7.4	21.1
10 18	23 9.34	+ 5 11.6	2.424	3.286	10.2	21.3

48232 2001 KY_{70} 9 14.6 310°.91 8°.9/ 8.7 18

8 9	0 0.90	−21 16.6	1.322	2.203	16.9	18.3
8 19	23 56.18	−22 10.1	1.254	2.187	13.6	18.1
8 29	23 48.26	−22 59.5	1.205	2.171	10.5	17.9
9 8	23 37.96	−23 33.8	1.179	2.156	8.9	17.7
9 18	23 26.58	−23 43.0	1.176	2.141	10.2	17.8
9 28	23 15.77	−23 21.1	1.197	2.126	13.5	17.9
10 8	23 7.03	−22 27.8	1.238	2.112	17.2	18.1
10 18	23 1.34	−21 7.3	1.298	2.099	20.7	18.3

62817 2000 UH_{45} 9 14.6 57°.24 2°.2/17.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 50.64	+ 6 41.6	2.065	2.878	14.3	19.5
8 19	23 47.06	+ 6 15.0	1.988	2.884	11.3	19.3
8 29	23 41.71	+ 5 31.0	1.933	2.889	7.9	19.1
9 8	23 35.15	+ 4 32.3	1.903	2.894	4.3	18.9
9 18	23 28.06	+ 3 23.3	1.899	2.900	2.2	18.8
9 28	23 21.28	+ 2 10.2	1.924	2.906	4.9	19.0
10 8	23 15.59	+ 0 59.9	1.976	2.912	8.4	19.2
10 18	23 11.57	− 0 1.9	2.054	2.917	11.6	19.4

483266 2015 TZ_{170} 9 14.6 315°.39 0°.5/15.2 18

8 9	23 49.20	+ 2 16.2	2.145	2.978	13.2	21.1
8 19	23 45.96	+ 1 31.4	2.060	2.972	10.2	20.9
8 29	23 41.03	+ 0 31.5	1.997	2.966	6.7	20.7
9 8	23 34.89	− 0 39.7	1.961	2.960	2.9	20.4
9 18	23 28.18	− 1 57.0	1.951	2.955	1.2	20.3
9 28	23 21.72	− 3 13.7	1.971	2.950	5.1	20.5
10 8	23 16.24	− 4 23.4	2.017	2.944	8.8	20.8
10 18	23 12.35	− 5 21.1	2.088	2.940	12.0	21.0

480063 2015 DF_{93} 9 14.6 84°.13 1°.2/13.6 16

8 9	23 57.02	− 3 25.6	1.556	2.411	16.2	21.9
8 19	23 52.28	− 4 2.9	1.500	2.427	12.2	21.7
8 29	23 45.21	− 4 52.5	1.466	2.443	7.8	21.5
9 8	23 36.57	− 5 48.4	1.456	2.458	3.0	21.3
9 18	23 27.38	− 6 43.5	1.472	2.473	2.5	21.3
9 28	23 18.80	− 7 30.7	1.515	2.489	7.0	21.6
10 8	23 11.84	− 8 4.4	1.584	2.504	11.2	21.9
10 18	23 7.17	− 8 21.8	1.674	2.518	14.8	22.2

48517 1993 FR_{25} 9 14.6 199°.00 0°.8/15.4 18

8 9	23 56.38	+ 1 54.8	1.917	2.744	14.7	19.8
8 19	23 51.64	+ 1 28.7	1.833	2.741	11.5	19.6
8 29	23 44.81	+ 0 47.4	1.771	2.738	7.6	19.4
9 8	23 36.45	− 0 5.7	1.735	2.734	3.4	19.1
9 18	23 27.40	− 1 5.7	1.726	2.729	1.4	19.0
9 28	23 18.64	− 2 6.0	1.745	2.724	5.6	19.2
10 8	23 11.12	− 3 0.1	1.792	2.718	9.7	19.5
10 18	23 5.56	− 3 43.0	1.862	2.712	13.3	19.7

421821 2014 QB_{78} 9 14.6 232°.28 3°.9/19.3 18

8 9	23 52.18	+11 27.0	2.486	3.260	13.2	20.8
8 19	23 48.05	+11 34.4	2.393	3.256	10.9	20.6
8 29	23 42.30	+11 25.9	2.321	3.251	8.2	20.5
9 8	23 35.39	+11 1.8	2.274	3.246	5.6	20.3
9 18	23 27.94	+10 24.0	2.254	3.242	3.9	20.2
9 28	23 20.67	+ 9 36.1	2.263	3.237	5.0	20.2
10 8	23 14.30	+ 8 43.4	2.299	3.232	7.5	20.4
10 18	23 9.40	+ 7 51.0	2.361	3.227	10.3	20.6

73881 1997 CD_{22} 9 14.6 190°.55 1°.3/13.4 18

8 9	23 56.46	− 3 26.5	1.832	2.679	14.5	19.9
8 19	23 51.75	− 4 13.6	1.756	2.678	11.0	19.6
8 29	23 44.89	− 5 12.9	1.701	2.677	7.0	19.4
9 8	23 36.48	− 6 19.0	1.673	2.675	2.8	19.1
9 18	23 27.40	− 7 25.2	1.672	2.672	2.5	19.1
9 28	23 18.66	− 8 24.4	1.699	2.669	6.7	19.4
10 8	23 11.25	− 9 10.6	1.752	2.666	10.8	19.6
10 18	23 5.88	− 9 40.3	1.829	2.661	14.3	19.8

238109 2003 JZ_{13} 9 14.6 151°.44 5°.3/20.7 18

8 9	23 52.29	+15 46.0	1.868	2.638	17.1	20.1
8 19	23 48.62	+15 29.8	1.785	2.641	14.3	19.9
8 29	23 42.88	+14 47.8	1.721	2.644	11.0	19.7
9 8	23 35.68	+13 40.3	1.680	2.647	7.7	19.5
9 18	23 27.81	+12 10.9	1.664	2.649	5.5	19.4
9 28	23 20.27	+10 26.6	1.676	2.651	6.3	19.4
10 8	23 13.99	+ 8 37.1	1.715	2.653	9.2	19.6
10 18	23 9.65	+ 6 51.7	1.779	2.655	12.5	19.8

495854 2003 HA_{3} 9 14.6 115°.18 2°.6/18.4 13 C

8 9	23 52.45	+ 9 53.7	2.702	3.478	12.2	22.0
8 19	23 47.93	+ 9 27.2	2.630	3.499	9.8	21.9
8 29	23 42.03	+ 8 45.8	2.580	3.519	7.1	21.7
9 8	23 35.22	+ 7 51.2	2.557	3.539	4.3	21.6
9 18	23 28.08	+ 6 46.9	2.563	3.558	2.6	21.5
9 28	23 21.24	+ 5 37.6	2.598	3.576	4.1	21.6
10 8	23 15.31	+ 4 28.4	2.663	3.594	6.7	21.8
10 18	23 10.73	+ 3 24.2	2.755	3.612	9.2	22.0

298149 2002 SE_{66} 9 14.6 28°.55 3°.4/11.8 18

8 9	23 54.31	− 9 12.2	1.532	2.405	15.4	20.3
8 19	23 50.34	− 9 55.1	1.474	2.412	11.6	20.1
8 29	23 44.03	−10 44.9	1.439	2.419	7.5	19.8
9 8	23 36.13	−11 34.8	1.427	2.427	3.9	19.7
9 18	23 27.62	−12 17.3	1.441	2.435	4.5	19.7
9 28	23 19.67	−12 46.0	1.481	2.444	8.4	20.0
10 8	23 13.30	−12 56.9	1.545	2.453	12.3	20.2
10 18	23 9.19	−12 49.0	1.630	2.463	15.7	20.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
63464 2001 OL_{16}			9 14.6 269°.99		7°.0/ 8.9 18	
	h m	° ′			°	m
8 9	0 0.41	−19 2.6	1.654	2.522	14.7	18.7
8 19	23 55.18	−19 57.0	1.580	2.509	11.6	18.5
8 29	23 47.32	−20 50.1	1.529	2.495	8.6	18.3
9 8	23 37.55	−21 33.0	1.502	2.482	7.0	18.2
9 18	23 26.90	−21 57.7	1.501	2.468	8.2	18.2
9 28	23 16.69	−21 58.4	1.526	2.454	11.2	18.4
10 8	23 8.13	−21 33.6	1.573	2.440	14.6	18.5
10 18	23 2.06	−20 45.2	1.641	2.426	17.7	18.7
93229 2000 SJ_{144}			9 14.6 219°.20		0°.8/15.4 18	
8 9	23 55.47	+ 1 9.5	1.910	2.741	14.6	19.6
8 19	23 50.97	+ 0 51.5	1.826	2.736	11.3	19.4
8 29	23 44.39	+ 0 19.4	1.764	2.731	7.5	19.2
9 8	23 36.31	− 0 23.7	1.727	2.726	3.4	18.9
9 18	23 27.53	− 1 13.1	1.717	2.721	1.4	18.7
9 28	23 19.03	− 2 2.7	1.736	2.715	5.6	19.0
10 8	23 11.75	− 2 46.6	1.781	2.709	9.7	19.3
10 18	23 6.42	− 3 20.2	1.850	2.702	13.3	19.5
485752 2012 BV_{121}			9 14.6 180°.44		1°.3/16.2 18	
8 9	23 53.75	+ 2 42.0	2.649	3.459	11.6	21.9
8 19	23 49.04	+ 2 36.3	2.563	3.459	9.0	21.7
8 29	23 42.85	+ 2 20.0	2.500	3.460	6.1	21.6
9 8	23 35.61	+ 1 55.2	2.464	3.460	3.0	21.4
9 18	23 27.91	+ 1 24.5	2.457	3.460	1.4	21.2
9 28	23 20.43	+ 0 51.6	2.480	3.459	4.2	21.4
10 8	23 13.83	+ 0 20.5	2.531	3.458	7.2	21.6
10 18	23 8.63	− 0 5.5	2.609	3.457	10.0	21.8
260398 2004 XP_{1}			9 14.6 281°.54		2°.6/11.9 18	
8 9	23 54.80	−10 13.5	2.295	3.148	11.7	20.3
8 19	23 50.13	−10 39.3	2.210	3.137	8.9	20.1
8 29	23 43.69	−11 9.3	2.149	3.125	5.8	19.9
9 8	23 35.99	−11 38.8	2.115	3.113	3.0	19.7
9 18	23 27.72	−12 3.5	2.109	3.102	3.5	19.7
9 28	23 19.69	−12 19.1	2.132	3.090	6.5	19.9
10 8	23 12.70	−12 22.6	2.181	3.079	9.7	20.1
10 18	23 7.35	−12 12.7	2.254	3.067	12.6	20.2
78274 2002 PR_{30}			9 14.6 300°.33		6°.0/19.2 18	
8 9	23 56.19	+11 25.2	1.786	2.576	17.0	20.2
8 19	23 51.99	+12 14.1	1.685	2.556	14.3	20.0
8 29	23 45.37	+12 45.0	1.604	2.536	11.1	19.7
9 8	23 36.84	+12 55.9	1.546	2.516	7.9	19.5
9 18	23 27.23	+12 46.6	1.512	2.496	6.0	19.4
9 28	23 17.67	+12 19.8	1.505	2.476	7.3	19.4
10 8	23 9.33	+11 41.7	1.523	2.457	10.5	19.5
10 18	23 3.16	+10 59.4	1.564	2.438	14.1	19.7
351165 2004 AG_{19}			9 14.6 261°.93		0°.3/14.3 18	
8 9	23 54.18	− 1 55.6	1.935	2.779	13.9	21.6
8 19	23 49.94	− 2 19.3	1.854	2.774	10.7	21.4
8 29	23 43.70	− 2 54.6	1.796	2.769	6.9	21.2
9 8	23 36.03	− 3 37.7	1.762	2.764	2.8	20.9
9 18	23 27.70	− 4 23.5	1.756	2.759	1.6	20.8
9 28	23 19.67	− 5 6.2	1.778	2.754	5.9	21.1
10 8	23 12.84	− 5 40.6	1.826	2.749	9.8	21.3
10 18	23 7.88	− 6 2.9	1.898	2.744	13.2	21.6
383153 2005 UH_{321}			9 14.6 301°.77		0°.3/14.4 18	
8 9	23 52.45	− 0 34.2	1.482	2.341	16.7	21.3
8 19	23 49.38	− 1 7.1	1.394	2.321	12.9	21.0
8 29	23 43.77	− 1 58.0	1.325	2.301	8.5	20.7
9 8	23 36.21	− 3 2.6	1.280	2.282	3.4	20.4
9 18	23 27.60	− 4 13.7	1.259	2.263	2.0	20.2
9 28	23 19.18	− 5 22.4	1.265	2.244	7.3	20.5
10 8	23 12.20	− 6 19.9	1.295	2.225	12.3	20.7
10 18	23 7.59	− 6 59.9	1.346	2.207	16.7	21.0
246234 2007 RT_{254}			9 14.6 63°.17		1°.2/16.1 18	
8 9	23 49.89	+ 7 7.4	1.771	2.594	15.9	20.3
8 19	23 46.81	+ 5 45.0	1.693	2.597	12.5	20.1
8 29	23 41.73	+ 3 58.2	1.638	2.601	8.4	19.8
9 8	23 35.25	+ 1 52.3	1.607	2.605	4.0	19.6
9 18	23 28.15	− 0 24.0	1.605	2.609	1.5	19.4
9 28	23 21.41	− 2 39.7	1.632	2.612	5.7	19.7
10 8	23 15.91	− 4 44.2	1.686	2.616	9.9	20.0
10 18	23 12.30	− 6 29.7	1.765	2.620	13.6	20.2
126659 2002 CF_{205}			9 14.6 82°.88		1°.5/13.2 18	
8 9	23 54.98	− 3 36.6	1.703	2.557	15.0	19.8
8 19	23 50.56	− 4 30.8	1.648	2.575	11.3	19.6
8 29	23 44.04	− 5 36.6	1.616	2.593	7.1	19.4
9 8	23 36.13	− 6 47.7	1.609	2.611	2.8	19.2
9 18	23 27.74	− 7 56.8	1.629	2.629	2.7	19.2
9 28	23 19.89	− 8 56.5	1.676	2.646	6.8	19.5
10 8	23 13.49	− 9 41.5	1.749	2.664	10.7	19.8
10 18	23 9.15	−10 8.9	1.845	2.681	14.0	20.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
74200 1998 RB_{53}			9 14.6 73°.79		1°.2/13.7 18	
	h m	° ′			°	m
8 9	0 0.13	− 5 30.5	1.734	2.582	15.1	18.9
8 19	23 54.38	− 5 38.9	1.679	2.601	11.4	18.7
8 29	23 46.45	− 5 55.2	1.646	2.621	7.3	18.5
9 8	23 37.09	− 6 15.1	1.638	2.640	2.9	18.3
9 18	23 27.28	− 6 33.8	1.658	2.659	2.3	18.3
9 28	23 18.10	− 6 46.5	1.706	2.679	6.4	18.6
10 8	23 10.49	− 6 49.8	1.780	2.698	10.3	18.9
10 18	23 5.08	− 6 41.9	1.877	2.717	13.6	19.1
349296 2007 TH_{433}			9 14.6 334°.01		5°.8/10.2 18	
8 9	23 58.31	−16 30.4	1.633	2.504	14.7	20.6
8 19	23 53.45	−17 8.2	1.566	2.499	11.4	20.4
8 29	23 46.12	−17 45.8	1.521	2.494	8.0	20.2
9 8	23 37.05	−18 15.6	1.501	2.489	5.8	20.0
9 18	23 27.26	−18 30.7	1.506	2.484	6.8	20.1
9 28	23 17.99	−18 26.3	1.537	2.480	9.9	20.3
10 8	23 10.34	−18 0.6	1.592	2.477	13.4	20.5
10 18	23 5.06	−17 14.9	1.667	2.473	16.6	20.7
205438 2001 ML_{12}			9 14.6 31°.51		3°.7/17.5 18	
8 9	23 56.93	+ 5 58.0	1.669	2.488	16.9	19.8
8 19	23 52.28	+ 6 31.0	1.598	2.495	13.5	19.6
8 29	23 45.32	+ 6 47.4	1.548	2.502	9.7	19.4
9 8	23 36.72	+ 6 47.6	1.522	2.510	5.8	19.2
9 18	23 27.43	+ 6 33.9	1.521	2.518	3.7	19.1
9 28	23 18.57	+ 6 10.9	1.547	2.527	6.1	19.2
10 8	23 11.18	+ 5 44.5	1.598	2.536	9.9	19.5
10 18	23 6.01	+ 5 20.5	1.673	2.545	13.4	19.7
57952 2002 JP_{93}			9 14.6 191°.56		2°.4/12.5 18	
8 9	23 55.66	− 7 13.2	1.832	2.690	14.0	19.8
8 19	23 51.13	− 7 52.4	1.760	2.689	10.6	19.5
8 29	23 44.49	− 8 39.6	1.711	2.689	6.8	19.3
9 8	23 36.37	− 9 29.4	1.688	2.688	3.1	19.1
9 18	23 27.61	−10 15.5	1.691	2.688	3.4	19.1
9 28	23 19.24	−10 51.7	1.722	2.687	7.2	19.4
10 8	23 12.20	−11 13.8	1.778	2.686	11.0	19.6
10 18	23 7.17	−11 19.6	1.857	2.685	14.3	19.8
119184 2001 QK_{87}			9 14.6 308°.84		9°.0/21.1 18	
8 9	23 55.20	+16 11.2	1.499	2.281	20.1	19.4
8 19	23 51.73	+17 20.3	1.407	2.263	17.4	19.1
8 29	23 45.49	+18 6.1	1.331	2.246	14.2	18.9
9 8	23 37.00	+18 24.0	1.275	2.229	11.1	18.7
9 18	23 27.20	+18 11.8	1.242	2.212	9.1	18.5
9 28	23 17.47	+17 32.0	1.232	2.195	9.7	18.5
10 8	23 9.21	+16 32.0	1.246	2.179	12.4	18.6
10 18	23 3.53	+15 22.1	1.281	2.164	15.9	18.8
511288 2014 DV_{51}			9 14.7 128°.81		1°.4/13.3 18	
8 9	23 56.16	− 5 14.2	2.036	2.882	13.2	21.6
8 19	23 51.23	− 5 43.2	1.967	2.890	10.0	21.4
8 29	23 44.41	− 6 20.4	1.922	2.897	6.4	21.2
9 8	23 36.30	− 7 1.3	1.903	2.904	2.6	21.0
9 18	23 27.68	− 7 40.9	1.911	2.911	2.4	21.0
9 28	23 19.46	− 8 13.9	1.948	2.918	6.1	21.2
10 8	23 12.46	− 8 36.3	2.012	2.925	9.6	21.5
10 18	23 7.30	− 8 45.9	2.100	2.931	12.7	21.7
311385 2005 SM_{289}			9 14.7 273°.59		1°.2/13.3 18	
8 9	23 52.05	− 4 11.2	2.154	3.002	12.5	21.3
8 19	23 48.16	− 4 50.5	2.071	2.995	9.5	21.1
8 29	23 42.49	− 5 39.5	2.011	2.987	6.1	20.9
9 8	23 35.56	− 6 33.9	1.977	2.979	2.4	20.6
9 18	23 28.04	− 7 28.3	1.971	2.971	2.2	20.6
9 28	23 20.76	− 8 17.1	1.993	2.964	5.9	20.8
10 8	23 14.52	− 8 55.5	2.042	2.956	9.4	21.0
10 18	23 9.93	− 9 20.3	2.115	2.948	12.6	21.2
312131 2007 TG_{267}			9 14.7 117°.36		1°.5/15.9 17	
8 9	23 56.39	+ 3 56.0	1.465	2.302	17.9	21.2
8 19	23 52.11	+ 3 25.9	1.399	2.311	14.0	20.9
8 29	23 45.31	+ 2 34.8	1.353	2.319	9.4	20.7
9 8	23 36.75	+ 1 27.1	1.330	2.328	4.5	20.4
9 18	23 27.46	+ 0 9.5	1.333	2.336	1.8	20.3
9 28	23 18.69	− 1 8.7	1.362	2.344	6.5	20.6
10 8	23 11.58	− 2 18.4	1.417	2.351	11.1	20.9
10 18	23 6.89	− 3 13.4	1.494	2.359	15.2	21.2
318412 Tramelan			9 14.7 310°.99		7°.1/ 6.8 18	
8 9	23 51.49	−16 38.1	1.648	2.531	14.0	19.9
8 19	23 48.33	−18 31.2	1.585	2.523	10.9	19.7
8 29	23 42.89	−20 27.7	1.546	2.516	8.1	19.5
9 8	23 35.78	−22 16.6	1.531	2.509	7.1	19.4
9 18	23 27.93	−23 47.5	1.543	2.502	8.7	19.5
9 28	23 20.44	−24 52.0	1.579	2.495	11.7	19.7
10 8	23 14.36	−25 26.4	1.637	2.489	14.9	19.9
10 18	23 10.45	−25 30.9	1.714	2.483	17.7	20.1

154770 2004 PB_{25} 9 14.7 35°.15 0°.2/14.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 51.72	− 0 57.1	1.777	2.627	14.7	19.9
8 19	23 48.09	− 1 28.4	1.715	2.638	11.2	19.7
8 29	23 42.49	− 2 12.7	1.674	2.649	7.2	19.5
9 8	23 35.54	− 3 5.6	1.658	2.660	2.9	19.2
9 18	23 28.08	− 4 1.1	1.669	2.672	1.6	19.2
9 28	23 21.06	− 4 52.8	1.706	2.684	5.9	19.5
10 8	23 15.33	− 5 34.8	1.770	2.697	9.8	19.7
10 18	23 11.49	− 6 3.6	1.857	2.710	13.2	20.0

310706 2002 JP_{122} 9 14.7 99°.09 2°.9/10.7 18

8 9	23 50.55	− 8 18.3	2.352	3.208	11.3	20.2
8 19	23 46.76	− 9 41.3	2.291	3.220	8.4	20.0
8 29	23 41.44	−11 10.9	2.255	3.232	5.4	19.9
9 8	23 35.08	−12 40.8	2.247	3.244	3.1	19.7
9 18	23 28.32	−14 4.5	2.267	3.255	3.9	19.8
9 28	23 21.87	−15 16.1	2.317	3.267	6.7	20.0
10 8	23 16.40	−16 11.5	2.393	3.278	9.5	20.2
10 18	23 12.41	−16 48.7	2.493	3.289	12.0	20.4

448050 2008 FR_{61} 9 14.7 61°.65 2°.2/17.5 18

8 9	23 50.18	+ 8 41.0	2.054	2.859	14.6	20.1
8 19	23 46.64	+ 7 50.1	1.990	2.879	11.6	19.9
8 29	23 41.42	+ 6 39.8	1.947	2.900	8.1	19.7
9 8	23 35.08	+ 5 13.9	1.930	2.921	4.5	19.5
9 18	23 28.33	+ 3 37.9	1.941	2.941	2.2	19.4
9 28	23 21.98	+ 1 59.6	1.980	2.962	4.7	19.6
10 8	23 16.76	+ 0 26.4	2.048	2.983	8.2	19.9
10 18	23 13.17	− 0 55.5	2.140	3.003	11.3	20.1

4620 Bickley 9 14.7 337°.82 5°.1/11.0 18

8 9	23 48.37	− 9 24.9	0.998	1.904	19.0	16.2
8 19	23 47.16	−10 22.7	0.931	1.886	14.5	15.8
8 29	23 42.78	−11 34.0	0.882	1.869	9.6	15.5
9 8	23 35.93	−12 48.3	0.854	1.854	5.5	15.2
9 18	23 27.85	−13 53.0	0.846	1.840	6.8	15.3
9 28	23 20.20	−14 36.0	0.860	1.828	11.9	15.5
10 8	23 14.58	−14 49.7	0.893	1.818	17.1	15.8
10 18	23 12.04	−14 32.4	0.943	1.809	21.7	16.0

143671 2003 SW_{151} 9 14.7 203°.52 4°.6/ 9.2 18

8 9	23 55.46	−18 11.3	2.624	3.479	10.4	20.2
8 19	23 50.38	−18 53.1	2.555	3.477	8.0	20.0
8 29	23 43.74	−19 33.5	2.510	3.474	5.8	19.9
9 8	23 36.02	−20 7.7	2.492	3.471	4.6	19.8
9 18	23 27.87	−20 31.0	2.502	3.468	5.4	19.8
9 28	23 20.04	−20 40.2	2.541	3.465	7.5	20.0
10 8	23 13.19	−20 33.7	2.606	3.461	9.9	20.1
10 18	23 7.87	−20 11.7	2.693	3.458	12.0	20.3

304608 2006 VQ_{83} 9 14.7 332°.10 3°.2/11.7 18

8 9	23 54.60	−10 6.8	1.825	2.690	13.7	21.0
8 19	23 50.38	−10 43.0	1.753	2.685	10.4	20.8
8 29	23 44.05	−11 24.8	1.703	2.681	6.8	20.6
9 8	23 36.23	−12 6.2	1.678	2.677	3.6	20.4
9 18	23 27.76	−12 41.1	1.680	2.673	4.3	20.4
9 28	23 19.66	−13 4.1	1.709	2.669	7.7	20.6
10 8	23 12.88	−13 11.4	1.763	2.665	11.4	20.9
10 18	23 8.10	−13 1.8	1.839	2.662	14.6	21.1

168933 2000 YQ_{88} 9 14.7 344°.76 4°.9/17.7 18

8 9	23 52.51	+ 6 8.6	1.081	1.939	21.5	18.6
8 19	23 50.16	+ 6 50.3	1.010	1.929	17.5	18.3
8 29	23 44.65	+ 7 8.7	0.956	1.920	12.7	18.0
9 8	23 36.69	+ 7 3.0	0.921	1.913	7.7	17.7
9 18	23 27.48	+ 6 35.6	0.908	1.907	4.9	17.5
9 28	23 18.66	+ 5 53.7	0.917	1.902	8.1	17.7
10 8	23 11.82	+ 5 7.4	0.947	1.898	13.2	17.9
10 18	23 8.04	+ 4 26.5	0.997	1.895	18.0	18.2

320183 2007 GP_{32} 9 14.7 113°.34 3°.5/11.1 18

8 9	23 57.37	−13 47.6	2.349	3.201	11.5	20.4
8 19	23 51.91	−14 12.1	2.282	3.207	8.7	20.2
8 29	23 44.74	−14 37.4	2.240	3.212	5.8	20.0
9 8	23 36.43	−14 59.0	2.224	3.217	3.7	19.9
9 18	23 27.69	−15 12.5	2.237	3.222	4.3	20.0
9 28	23 19.34	−15 14.7	2.279	3.227	6.9	20.1
10 8	23 12.14	−15 3.7	2.347	3.232	9.7	20.3
10 18	23 6.62	−14 39.4	2.439	3.236	12.2	20.5

431092 2006 DF_{112} 9 14.7 69°.70 0°.2/14.5 16

8 9	23 51.21	+ 2 30.2	1.653	2.496	15.9	20.6
8 19	23 47.85	+ 1 10.9	1.590	2.509	12.2	20.4
8 29	23 42.41	− 0 28.0	1.550	2.523	7.9	20.2
9 8	23 35.55	− 2 19.8	1.534	2.536	3.2	20.0
9 18	23 28.13	− 4 15.4	1.546	2.549	1.7	19.9
9 28	23 21.18	− 6 4.6	1.586	2.563	6.4	20.2
10 8	23 15.60	− 7 38.5	1.652	2.576	10.6	20.5
10 18	23 12.02	− 8 51.8	1.741	2.589	14.1	20.8

408681 2014 MX_{39} 9 14.7 102°.42 4°.3/ 9.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 52.07	−14 38.5	2.340	3.204	11.1	21.1
8 19	23 47.97	−15 43.9	2.279	3.209	8.5	20.9
8 29	23 42.25	−16 50.9	2.243	3.215	5.9	20.8
9 8	23 35.44	−17 53.4	2.233	3.220	4.4	20.7
9 18	23 28.19	−18 45.9	2.251	3.225	5.3	20.7
9 28	23 21.28	−19 23.6	2.297	3.230	7.7	20.9
10 8	23 15.39	−19 43.9	2.368	3.235	10.3	21.1
10 18	23 11.07	−19 46.3	2.462	3.240	12.7	21.3

429397 2010 RB_{78} 9 14.7 338°.89 1°.7/13.4 18

8 9	23 46.00	− 1 55.5	0.984	1.881	20.0	20.0
8 19	23 45.30	− 2 46.8	0.916	1.865	15.4	19.7
8 29	23 41.57	− 4 2.6	0.865	1.851	9.9	19.4
9 8	23 35.45	− 5 35.2	0.834	1.837	3.9	19.0
9 18	23 28.13	− 7 12.5	0.824	1.826	3.5	18.9
9 28	23 21.21	− 8 39.8	0.836	1.816	9.7	19.2
10 8	23 16.24	− 9 44.7	0.868	1.807	15.6	19.5
10 18	23 14.25	−10 20.6	0.917	1.801	20.7	19.8

144057 2004 BJ_{36} 9 14.7 175°.18 0°.4/15.0 18

8 9	23 57.63	+ 0 18.4	1.781	2.616	15.3	20.4
8 19	23 52.72	− 0 3.6	1.705	2.618	11.9	20.2
8 29	23 45.60	− 0 39.8	1.650	2.619	7.8	19.9
9 8	23 36.88	− 1 26.6	1.620	2.620	3.3	19.7
9 18	23 27.47	− 2 18.6	1.618	2.621	1.5	19.5
9 28	23 18.43	− 3 9.2	1.643	2.621	6.0	19.8
10 8	23 10.77	− 3 52.3	1.695	2.621	10.2	20.1
10 18	23 5.23	− 4 23.3	1.770	2.620	13.9	20.3

392093 2009 DU_{107} 9 14.7 177°.97 2°.7/11.8 18

8 9	23 56.36	− 9 55.9	2.331	3.180	11.7	21.7
8 19	23 51.23	−10 33.8	2.258	3.182	8.8	21.5
8 29	23 44.36	−11 16.1	2.208	3.183	5.7	21.3
9 8	23 36.31	−11 58.0	2.186	3.184	3.0	21.1
9 18	23 27.77	−12 34.6	2.192	3.184	3.5	21.2
9 28	23 19.55	−13 1.4	2.228	3.184	6.5	21.3
10 8	23 12.40	−13 15.4	2.290	3.183	9.5	21.5
10 18	23 6.91	−13 15.4	2.376	3.182	12.2	21.7

407041 2009 SQ_{99} 9 14.7 309°.51 0°.6/15.1 17

8 9	23 57.23	− 1 52.4	2.036	2.870	13.7	20.7
8 19	23 52.41	− 1 35.1	1.933	2.846	10.7	20.5
8 29	23 45.46	− 1 26.2	1.853	2.822	7.1	20.2
9 8	23 36.88	− 1 23.7	1.799	2.799	3.1	19.9
9 18	23 27.44	− 1 25.2	1.772	2.775	1.4	19.7
9 28	23 18.10	− 1 26.9	1.773	2.752	5.6	20.0
10 8	23 9.85	− 1 25.3	1.802	2.729	9.6	20.2
10 18	23 3.48	− 1 17.2	1.855	2.707	13.2	20.4

504224 2006 UA_{122} 9 14.7 90°.91 1°.6/13.3 17

8 9	23 56.90	− 3 56.3	1.473	2.333	16.6	21.6
8 19	23 52.43	− 4 39.7	1.414	2.344	12.6	21.4
8 29	23 45.49	− 5 36.0	1.376	2.354	8.0	21.1
9 8	23 36.83	− 6 38.7	1.362	2.365	3.2	20.9
9 18	23 27.53	− 7 40.0	1.374	2.375	2.9	20.9
9 28	23 18.82	− 8 31.7	1.413	2.385	7.6	21.2
10 8	23 11.78	− 9 8.0	1.476	2.395	11.9	21.5
10 18	23 7.15	− 9 25.9	1.561	2.405	15.7	21.7

53449 1999 XG_{132} 9 14.7 225°.82 3°.9/23.9 18

8 9	23 46.57	+21 35.6	5.016	5.689	8.1	19.7
8 19	23 43.10	+21 49.8	4.910	5.684	7.1	19.7
8 29	23 38.83	+21 53.4	4.826	5.679	5.9	19.6
9 8	23 34.01	+21 46.2	4.766	5.674	4.8	19.5
9 18	23 28.93	+21 28.7	4.733	5.668	4.1	19.4
9 28	23 23.92	+21 2.1	4.728	5.663	4.0	19.4
10 8	23 19.32	+20 28.4	4.751	5.657	4.7	19.4
10 18	23 15.42	+19 50.2	4.802	5.652	5.7	19.5

136346 2004 CT_{44} 9 14.7 356°.05 2°.0/12.6 18

8 9	23 51.57	− 4 49.4	1.697	2.560	14.6	19.9
8 19	23 48.20	− 5 45.1	1.627	2.559	11.1	19.7
8 29	23 42.71	− 6 52.9	1.578	2.558	7.0	19.5
9 8	23 35.72	− 8 6.3	1.555	2.557	3.0	19.2
9 18	23 28.07	− 9 17.8	1.558	2.557	3.2	19.2
9 28	23 20.79	−10 19.6	1.588	2.557	7.3	19.5
10 8	23 14.83	−11 5.6	1.643	2.557	11.3	19.7
10 18	23 10.89	−11 32.7	1.720	2.557	14.8	19.9

284892 2009 SN_{84} 9 14.7 253°.56 0°.8/13.9 18

8 9	23 55.36	− 1 58.3	1.697	2.546	15.3	21.4
8 19	23 51.25	− 2 36.9	1.611	2.534	11.8	21.2
8 29	23 44.82	− 3 30.2	1.546	2.521	7.6	20.9
9 8	23 36.64	− 4 33.4	1.506	2.508	3.0	20.6
9 18	23 27.59	− 5 39.8	1.493	2.495	2.1	20.5
9 28	23 18.78	− 6 41.6	1.507	2.481	6.9	20.8
10 8	23 11.31	− 7 31.7	1.546	2.467	11.4	21.0
10 18	23 6.00	− 8 5.5	1.608	2.453	15.3	21.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
342354 2008 TU_{170}			9 14.7	71°.83	6°.1/ 9.5	18
	h m	° ′			°	m
8 9	23 58.44	−16 53.8	1.650	2.521	14.6	20.4
8 19	23 53.33	−17 52.0	1.603	2.535	11.2	20.2
8 29	23 45.90	−18 49.3	1.578	2.548	8.0	20.1
9 8	23 36.96	−19 37.4	1.578	2.562	6.1	20.0
9 18	23 27.53	−20 9.1	1.604	2.576	7.2	20.1
9 28	23 18.77	−20 19.7	1.655	2.590	10.0	20.3
10 8	23 11.67	−20 7.9	1.730	2.604	13.1	20.5
10 18	23 6.86	−19 35.4	1.826	2.617	15.9	20.8
207248 2005 EN_{213}			9 14.7	274°.45	0°.2/14.5	18
8 9	23 52.87	− 0 32.1	1.862	2.705	14.4	21.1
8 19	23 49.08	− 1 7.4	1.781	2.700	11.1	20.9
8 29	23 43.26	− 1 56.8	1.721	2.694	7.2	20.7
9 8	23 35.97	− 2 56.0	1.687	2.689	2.9	20.4
9 18	23 28.00	− 3 59.3	1.680	2.684	1.6	20.3
9 28	23 20.32	− 4 59.7	1.701	2.678	6.0	20.6
10 8	23 13.85	− 5 51.0	1.748	2.673	10.0	20.8
10 18	23 9.27	− 6 28.5	1.818	2.668	13.6	21.0
280943 2006 BC_{109}			9 14.7	338°.03	2°.6/12.3	18
8 9	23 53.33	− 6 14.6	1.536	2.405	15.6	20.7
8 19	23 49.79	− 7 7.2	1.466	2.401	11.8	20.5
8 29	23 43.88	− 8 11.5	1.418	2.398	7.5	20.2
9 8	23 36.26	− 9 20.4	1.394	2.395	3.4	20.0
9 18	23 27.87	−10 25.6	1.396	2.393	3.9	20.0
9 28	23 19.90	−11 19.0	1.423	2.391	8.1	20.2
10 8	23 13.42	−11 54.6	1.475	2.389	12.4	20.5
10 18	23 9.20	−12 9.7	1.548	2.387	16.1	20.7
289366 2005 CY_{3}			9 14.7	142°.63	1°.7/13.3	17
8 9	23 59.37	− 4 59.1	1.621	2.474	15.8	21.4
8 19	23 54.18	− 5 34.4	1.556	2.481	12.0	21.2
8 29	23 46.58	− 6 20.5	1.512	2.488	7.6	20.9
9 8	23 37.31	− 7 11.6	1.493	2.495	3.1	20.7
9 18	23 27.37	− 8 0.7	1.501	2.501	2.9	20.7
9 28	23 17.96	− 8 41.2	1.537	2.507	7.3	21.0
10 8	23 10.14	− 9 7.7	1.597	2.512	11.5	21.2
10 18	23 4.64	− 9 17.9	1.681	2.517	15.1	21.5
132950 2002 TH_{71}			9 14.7	335°.67	5°.8/19.7	18
8 9	23 52.49	+11 56.3	1.640	2.441	17.9	19.0
8 19	23 49.20	+12 27.8	1.554	2.432	14.9	18.8
8 29	23 43.57	+12 37.4	1.488	2.424	11.5	18.6
9 8	23 36.18	+12 24.0	1.443	2.416	8.0	18.4
9 18	23 27.89	+11 48.8	1.422	2.409	5.9	18.2
9 28	23 19.83	+10 56.9	1.426	2.402	7.0	18.3
10 8	23 13.12	+ 9 56.1	1.456	2.396	10.3	18.5
10 18	23 8.61	+ 8 54.7	1.508	2.391	13.9	18.7
200540 2001 EF_{18}			9 14.7	235°.97	1°.8/12.7	18
8 9	23 55.38	− 5 59.3	2.244	3.088	12.2	21.1
8 19	23 50.72	− 6 43.5	2.152	3.074	9.3	20.9
8 29	23 44.22	− 7 36.4	2.084	3.059	6.0	20.7
9 8	23 36.36	− 8 33.4	2.043	3.044	2.6	20.4
9 18	23 27.83	− 9 28.9	2.031	3.028	2.8	20.4
9 28	23 19.49	−10 17.4	2.047	3.012	6.3	20.6
10 8	23 12.16	−10 54.1	2.091	2.995	9.8	20.8
10 18	23 6.50	−11 16.2	2.159	2.977	12.9	21.0
513924 2014 BK_{66}			9 14.7	197°.50	3°.5/17.5	18
8 9	23 59.24	+ 6 6.1	1.822	2.630	16.1	21.2
8 19	23 54.02	+ 6 34.0	1.739	2.629	12.9	21.0
8 29	23 46.52	+ 6 46.2	1.677	2.628	9.3	20.7
9 8	23 37.33	+ 6 43.2	1.640	2.627	5.5	20.5
9 18	23 27.35	+ 6 27.0	1.629	2.626	3.5	20.4
9 28	23 17.68	+ 6 1.7	1.646	2.624	5.9	20.5
10 8	23 9.37	+ 5 33.2	1.689	2.623	9.7	20.8
10 18	23 3.20	+ 5 6.8	1.756	2.621	13.3	21.0
378181 2006 WG_{198}			9 14.7	320°.27	3°.4/12.1	18
8 9	23 52.19	− 7 7.4	1.242	2.126	17.5	20.7
8 19	23 49.64	− 7 54.8	1.164	2.107	13.4	20.4
8 29	23 44.21	− 8 56.0	1.105	2.089	8.7	20.1
9 8	23 36.54	−10 3.4	1.069	2.071	4.2	19.8
9 18	23 27.71	−11 6.9	1.056	2.054	4.8	19.8
9 28	23 19.18	−11 56.3	1.067	2.037	9.8	20.0
10 8	23 12.38	−12 24.0	1.100	2.021	14.9	20.3
10 18	23 8.33	−12 26.6	1.152	2.007	19.4	20.5
448389 2009 QX_{14}			9 14.7	247°.12	0°.4/15.1	18
8 9	23 54.31	− 0 39.5	2.360	3.188	12.2	21.1
8 19	23 49.72	− 0 45.4	2.275	3.184	9.5	20.9
8 29	23 43.46	− 1 0.9	2.213	3.181	6.2	20.7
9 8	23 36.02	− 1 23.4	2.178	3.178	2.7	20.5
9 18	23 28.04	− 1 49.7	2.171	3.175	1.2	20.4
9 28	23 20.30	− 2 15.7	2.193	3.171	4.7	20.6
10 8	23 13.55	− 2 37.5	2.243	3.168	8.1	20.8
10 18	23 8.35	− 2 52.0	2.318	3.164	11.1	21.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
129972 1999 UF_{23}			9 14.7	340°.49	8°.7/ 8.8	18
	h m	° ′			°	m
8 9	23 58.77	−21 46.9	1.348	2.231	16.6	19.0
8 19	23 54.43	−22 32.6	1.286	2.219	13.3	18.7
8 29	23 47.10	−23 12.7	1.244	2.209	10.3	18.6
9 8	23 37.62	−23 36.9	1.224	2.199	8.7	18.4
9 18	23 27.25	−23 36.9	1.227	2.191	9.9	18.5
9 28	23 17.52	−23 7.6	1.253	2.183	12.9	18.6
10 8	23 9.79	−22 9.4	1.301	2.177	16.4	18.8
10 18	23 4.90	−20 46.2	1.368	2.171	19.7	19.1
421831 2014 QU_{114}			9 14.7	89°.04	2°.3/17.3	18
8 9	23 53.90	+ 5 30.7	2.386	3.189	12.9	21.6
8 19	23 49.36	+ 5 36.7	2.307	3.196	10.2	21.4
8 29	23 43.19	+ 5 29.9	2.250	3.202	7.2	21.2
9 8	23 35.89	+ 5 11.6	2.219	3.208	4.1	21.0
9 18	23 28.11	+ 4 44.4	2.215	3.214	2.4	20.9
9 28	23 20.61	+ 4 12.2	2.241	3.220	4.5	21.1
10 8	23 14.09	+ 3 39.4	2.294	3.226	7.6	21.3
10 18	23 9.11	+ 3 10.0	2.373	3.232	10.4	21.5
116791 2004 EZ_{40}			9 14.7	76°.38	1°.5/16.1	18
8 9	23 54.21	+ 4 32.9	1.497	2.334	17.6	19.5
8 19	23 50.38	+ 3 55.7	1.435	2.347	13.7	19.3
8 29	23 44.18	+ 2 57.2	1.393	2.360	9.3	19.1
9 8	23 36.36	+ 1 42.0	1.375	2.373	4.4	18.9
9 18	23 27.90	+ 0 17.5	1.383	2.386	1.8	18.7
9 28	23 19.98	− 1 7.1	1.417	2.399	6.2	19.0
10 8	23 13.63	− 2 22.7	1.476	2.412	10.7	19.3
10 18	23 9.56	− 3 23.0	1.559	2.425	14.6	19.6
36268 1999 XT_{213}			9 14.7	297°.00	2°.0/10.5	17
8 9	23 45.65	−11 55.2	4.208	5.059	6.8	19.2
8 19	23 42.50	−12 36.3	4.130	5.056	5.1	19.0
8 29	23 38.50	−13 19.1	4.079	5.053	3.4	18.9
9 8	23 33.92	−14 1.0	4.057	5.050	2.1	18.8
9 18	23 29.10	−14 39.2	4.064	5.047	2.6	18.8
9 28	23 24.40	−15 11.3	4.100	5.045	4.2	19.0
10 8	23 20.19	−15 35.3	4.165	5.042	6.0	19.1
10 18	23 16.77	−15 50.2	4.254	5.039	7.6	19.2
27337 2000 CR_{90}			9 14.7	100°.14	1°.2/15.9	18
8 9	23 53.81	+ 5 6.2	1.628	2.458	16.7	19.1
8 19	23 49.90	+ 4 9.3	1.563	2.471	13.0	18.9
8 29	23 43.80	+ 2 50.9	1.519	2.485	8.7	18.7
9 8	23 36.19	+ 1 16.2	1.500	2.498	4.1	18.4
9 18	23 27.99	− 0 26.9	1.507	2.511	1.6	18.3
9 28	23 20.27	− 2 8.6	1.543	2.524	6.0	18.6
10 8	23 14.01	− 3 39.8	1.604	2.536	10.3	18.9
10 18	23 9.86	− 4 54.0	1.690	2.548	14.0	19.2
32604 2001 QP_{212}			9 14.7	16°.22	0°.4/14.4	18
8 9	23 50.58	− 1 7.0	1.080	1.962	19.7	18.9
8 19	23 48.34	− 1 34.8	1.028	1.968	15.1	18.7
8 29	23 43.21	− 2 22.0	0.994	1.975	9.8	18.4
9 8	23 36.04	− 3 22.2	0.981	1.984	3.9	18.1
9 18	23 28.07	− 4 26.0	0.990	1.994	2.2	18.0
9 28	23 20.77	− 5 23.2	1.023	2.005	8.0	18.4
10 8	23 15.43	− 6 5.0	1.078	2.017	13.2	18.8
10 18	23 12.84	− 6 26.9	1.152	2.031	17.6	19.1
22690 1998 QU_{96}			9 14.7	36°.90	5°.9/20.7	18
8 9	23 50.99	+14 47.2	1.514	2.310	19.3	16.9
8 19	23 48.00	+14 47.5	1.451	2.323	16.1	16.7
8 29	23 42.69	+14 19.4	1.404	2.336	12.4	16.5
9 8	23 35.77	+13 23.4	1.379	2.350	8.6	16.3
9 18	23 28.20	+12 3.9	1.378	2.364	6.1	16.2
9 28	23 21.11	+10 28.9	1.402	2.379	6.9	16.3
10 8	23 15.53	+ 8 49.2	1.451	2.395	10.1	16.6
10 18	23 12.17	+ 7 14.8	1.523	2.411	13.6	16.8
400732 2009 SZ_{331}			9 14.7	29°.48	2°.7/12.5	18
8 9	23 56.37	− 9 45.6	1.833	2.694	13.8	20.3
8 19	23 51.58	−10 1.2	1.772	2.702	10.5	20.1
8 29	23 44.75	−10 21.1	1.734	2.712	6.7	19.9
9 8	23 36.54	−10 40.5	1.722	2.721	3.3	19.7
9 18	23 27.83	−10 54.4	1.736	2.732	3.6	19.7
9 28	23 19.64	−10 58.5	1.778	2.742	7.0	20.0
10 8	23 12.83	−10 50.4	1.845	2.754	10.6	20.2
10 18	23 8.02	−10 29.1	1.935	2.765	13.7	20.4
227186 2005 QV_{55}			9 14.7	1°.38	0°.1/14.7	18
8 9	23 51.40	− 2 14.7	1.029	1.916	20.1	19.7
8 19	23 49.23	− 2 10.4	0.970	1.913	15.6	19.4
8 29	23 43.96	− 2 22.9	0.929	1.911	10.2	19.1
9 8	23 36.42	− 2 47.6	0.908	1.911	4.2	18.8
9 18	23 27.88	− 3 17.5	0.909	1.913	2.1	18.6
9 28	23 19.95	− 3 44.1	0.932	1.916	8.1	19.0
10 8	23 14.07	− 3 59.9	0.977	1.921	13.7	19.4
10 18	23 11.16	− 4 0.2	1.040	1.928	18.4	19.7

49434 1998 YB_1 9 14.7 271°.82 5°.4/ 9.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 56.44	−16 29.6	1.968	2.833	12.8	19.0
8 19	23 51.78	−17 23.3	1.892	2.821	10.0	18.8
8 29	23 45.01	−18 17.9	1.840	2.809	7.1	18.6
9 8	23 36.71	−19 6.5	1.813	2.797	5.4	18.5
9 18	23 27.73	−19 42.3	1.813	2.785	6.5	18.5
9 28	23 19.07	−20 0.1	1.839	2.773	9.2	18.7
10 8	23 11.69	−19 57.2	1.890	2.760	12.3	18.8
10 18	23 6.29	−19 34.0	1.963	2.748	15.2	19.0

156463 2002 CS_2 9 14.7 55°.53 2°.3/12.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 58.75	− 7 20.2	1.473	2.337	16.4	18.9
8 19	23 53.76	− 7 42.8	1.421	2.353	12.4	18.7
8 29	23 46.29	− 8 13.3	1.390	2.369	7.9	18.4
9 8	23 37.19	− 8 45.8	1.384	2.385	3.4	18.2
9 18	23 27.55	− 9 13.8	1.403	2.402	3.4	18.3
9 28	23 18.60	− 9 31.4	1.449	2.419	7.7	18.6
10 8	23 11.42	− 9 34.9	1.519	2.436	11.8	18.9
10 18	23 6.68	− 9 23.1	1.611	2.453	15.4	19.1

278306 2007 HG_{11} 9 14.7 33°.98 6°.1/10.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 57.97	−14 55.0	1.229	2.116	17.5	20.0
8 19	23 53.53	−15 39.5	1.190	2.132	13.4	19.8
8 29	23 46.27	−16 24.5	1.171	2.149	9.1	19.6
9 8	23 37.18	−17 0.7	1.174	2.167	6.3	19.5
9 18	23 27.58	−17 20.0	1.202	2.186	7.2	19.6
9 28	23 18.90	−17 17.2	1.253	2.205	10.8	19.9
10 8	23 12.30	−16 51.5	1.326	2.225	14.6	20.2
10 18	23 8.43	−16 5.1	1.418	2.246	17.9	20.4

163931 2003 SQ_{309} 9 14.7 64°.33 1°.4/16.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 54.12	+ 3 4.3	1.713	2.547	15.9	20.1
8 19	23 50.10	+ 2 46.1	1.643	2.553	12.4	19.9
8 29	23 43.94	+ 2 11.0	1.594	2.560	8.4	19.6
9 8	23 36.27	+ 1 22.5	1.570	2.567	4.0	19.4
9 18	23 27.98	+ 0 25.7	1.571	2.574	1.7	19.2
9 28	23 20.10	− 0 32.4	1.600	2.581	5.7	19.5
10 8	23 13.59	− 1 24.9	1.655	2.589	9.8	19.8
10 18	23 9.13	− 2 6.5	1.733	2.596	13.5	20.0

473332 2015 TD_{91} 9 14.7 132°.75 14°.1/29.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 54.79	+31 46.5	1.260	1.964	26.8	21.2
8 19	23 51.93	+32 30.0	1.189	1.969	24.4	21.0
8 29	23 45.83	+32 29.0	1.130	1.973	21.4	20.8
9 8	23 37.24	+31 35.6	1.084	1.978	18.3	20.6
9 18	23 27.46	+29 46.5	1.056	1.982	15.5	20.5
9 28	23 18.21	+27 7.3	1.049	1.986	14.1	20.4
10 8	23 11.07	+23 53.9	1.064	1.989	14.9	20.5
10 18	23 7.09	+20 27.1	1.102	1.993	17.3	20.6

125512 2001 WJ_{38} 9 14.7 352°.50 7°.5/ 8.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 52.97	−16 14.6	1.341	2.231	16.1	18.8
8 19	23 49.89	−17 46.0	1.285	2.228	12.5	18.5
8 29	23 44.11	−19 20.2	1.250	2.225	9.1	18.3
9 8	23 36.42	−20 45.4	1.239	2.223	7.5	18.2
9 18	23 27.91	−21 50.6	1.251	2.221	9.0	18.3
9 28	23 19.96	−22 27.7	1.287	2.220	12.4	18.5
10 8	23 13.77	−22 33.6	1.344	2.220	16.0	18.7
10 18	23 10.14	−22 9.9	1.419	2.220	19.2	19.0

46802 1998 KX_{30} 9 14.7 171°.13 1°.6/16.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 56.88	+ 3 52.1	1.747	2.572	16.0	20.1
8 19	23 52.24	+ 3 29.4	1.670	2.575	12.6	19.9
8 29	23 45.36	+ 2 48.9	1.614	2.577	8.5	19.7
9 8	23 36.88	+ 1 53.8	1.582	2.579	4.2	19.4
9 18	23 27.68	+ 0 49.2	1.577	2.580	1.8	19.3
9 28	23 18.84	− 0 17.5	1.601	2.581	5.8	19.5
10 8	23 11.40	− 1 18.8	1.650	2.582	10.0	19.8
10 18	23 6.07	− 2 9.0	1.723	2.581	13.8	20.0

400930 2010 UG_{58} 9 14.7 190°.19 4°.9/21.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 51.96	+16 13.1	2.647	3.388	13.3	20.9
8 19	23 47.88	+16 20.9	2.554	3.388	11.2	20.8
8 29	23 42.26	+16 11.0	2.482	3.387	8.9	20.6
9 8	23 35.56	+15 43.4	2.433	3.385	6.6	20.5
9 18	23 28.34	+14 59.4	2.411	3.384	5.0	20.4
9 28	23 21.30	+14 2.6	2.417	3.382	5.4	20.4
10 8	23 15.13	+12 58.0	2.452	3.380	7.3	20.5
10 18	23 10.36	+11 51.4	2.512	3.378	9.7	20.7

125240 2001 UU_{171} 9 14.7 154°.49 2°.3/16.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 58.74	+ 4 10.9	1.478	2.310	18.1	20.1
8 19	23 54.04	+ 4 7.3	1.406	2.314	14.3	19.9
8 29	23 46.72	+ 3 44.3	1.354	2.317	9.8	19.6
9 8	23 37.48	+ 3 4.2	1.324	2.320	5.0	19.4
9 18	23 27.40	+ 2 12.2	1.321	2.323	2.4	19.2
9 28	23 17.78	+ 1 15.8	1.343	2.325	6.5	19.5
10 8	23 9.82	+ 0 23.2	1.391	2.327	11.1	19.7
10 18	23 4.38	− 0 19.2	1.462	2.329	15.3	20.0

311863 2006 WR_{39} 9 14.7 302°.79 1°.7/12.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 52.39	− 5 7.8	1.929	2.784	13.5	21.2
8 19	23 48.68	− 5 49.3	1.847	2.775	10.2	21.0
8 29	23 43.01	− 6 40.9	1.789	2.767	6.5	20.8
9 8	23 35.92	− 7 37.7	1.756	2.758	2.7	20.5
9 18	23 28.17	− 8 33.6	1.750	2.749	2.8	20.5
9 28	23 20.68	− 9 22.1	1.772	2.741	6.6	20.7
10 8	23 14.35	− 9 58.1	1.819	2.733	10.4	20.9
10 18	23 9.85	−10 18.5	1.889	2.725	13.8	21.1

287124 2002 RO_{183} 9 14.7 8°.71 7°.8/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 55.17	+16 27.1	1.700	2.469	18.6	20.1
8 19	23 51.20	+17 23.3	1.622	2.470	15.9	19.9
8 29	23 44.85	+17 56.3	1.562	2.471	12.8	19.7
9 8	23 36.74	+18 3.6	1.522	2.473	9.9	19.5
9 18	23 27.76	+17 44.9	1.506	2.475	8.0	19.4
9 28	23 19.08	+17 3.8	1.516	2.477	8.3	19.5
10 8	23 11.80	+16 7.6	1.549	2.480	10.6	19.6
10 18	23 6.75	+15 4.9	1.606	2.484	13.6	19.8

4236 Lidov 9 14.7 219°.81 0°.2/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 52.34	− 1 7.3	2.723	3.549	10.8	16.9
8 19	23 48.02	− 1 19.8	2.637	3.547	8.3	16.7
8 29	23 42.27	− 1 40.6	2.576	3.545	5.4	16.5
9 8	23 35.54	− 2 7.1	2.542	3.543	2.3	16.3
9 18	23 28.38	− 2 36.4	2.537	3.540	1.0	16.2
9 28	23 21.42	− 3 4.9	2.561	3.538	4.2	16.5
10 8	23 15.29	− 3 29.0	2.614	3.536	7.3	16.7
10 18	23 10.48	− 3 46.2	2.692	3.533	9.9	16.8

347148 2010 WY 9 14.7 346°.38 2°.1/10.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 46.34	−12 36.8	4.157	5.009	6.9	20.1
8 19	23 43.03	−13 10.8	4.082	5.007	5.2	20.0
8 29	23 38.86	−13 45.9	4.033	5.006	3.4	19.9
9 8	23 34.10	−14 19.8	4.012	5.005	2.2	19.8
9 18	23 29.10	−14 49.7	4.021	5.004	2.7	19.8
9 28	23 24.24	−15 13.4	4.059	5.003	4.3	19.9
10 8	23 19.88	−15 29.1	4.125	5.003	6.0	20.0
10 18	23 16.34	−15 35.8	4.216	5.002	7.7	20.2

256462 2007 DD_{12} 9 14.7 223°.33 0°.7/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 56.56	− 4 36.8	2.409	3.244	11.8	20.6
8 19	23 51.42	− 4 45.9	2.323	3.238	9.0	20.4
8 29	23 44.57	− 5 1.7	2.261	3.233	5.8	20.2
9 8	23 36.51	− 5 21.3	2.225	3.227	2.3	19.9
9 18	23 27.91	− 5 41.2	2.219	3.221	1.6	19.9
9 28	23 19.55	− 5 57.6	2.242	3.215	5.2	20.1
10 8	23 12.19	− 6 7.3	2.293	3.208	8.5	20.3
10 18	23 6.41	− 6 8.0	2.369	3.201	11.4	20.5

47730 2000 DY_{46} 9 14.7 295°.06 0°.3/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 52.24	+ 0 40.5	1.807	2.650	14.8	19.3
8 19	23 48.74	+ 0 8.6	1.721	2.639	11.5	19.1
8 29	23 43.15	− 0 38.8	1.656	2.628	7.6	18.8
9 8	23 36.02	− 1 38.0	1.617	2.617	3.2	18.6
9 18	23 28.13	− 2 43.4	1.603	2.607	1.4	18.4
9 28	23 20.49	− 3 47.6	1.617	2.596	6.0	18.7
10 8	23 14.05	− 4 43.8	1.657	2.586	10.2	18.9
10 18	23 9.54	− 5 26.7	1.721	2.576	13.9	19.1

218907 2007 EW_{126} 9 14.7 319°.42 0°.5/14.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 50.60	− 0 58.0	1.253	2.126	18.2	20.2
8 19	23 48.45	− 1 28.6	1.168	2.104	14.2	19.9
8 29	23 43.50	− 2 19.3	1.103	2.082	9.3	19.5
9 8	23 36.32	− 3 25.4	1.058	2.061	3.8	19.1
9 18	23 27.94	− 4 38.9	1.038	2.041	2.3	19.0
9 28	23 19.75	− 5 49.2	1.041	2.022	8.2	19.3
10 8	23 13.18	− 6 46.1	1.067	2.003	13.7	19.5
10 18	23 9.29	− 7 22.6	1.112	1.986	18.6	19.8

222025 1998 SF_{77} 9 14.7 288°.12 1°.1/15.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	0 1.47	− 1 3.8	2.281	3.097	13.0	20.1
8 19	23 55.43	− 0 33.6	2.177	3.078	10.2	19.9
8 29	23 47.34	− 0 10.5	2.096	3.059	6.9	19.6
9 8	23 37.72	+ 0 6.7	2.042	3.040	3.2	19.4
9 18	23 27.29	+ 0 19.7	2.018	3.021	1.5	19.2
9 28	23 16.98	+ 0 30.9	2.024	3.002	5.1	19.4
10 8	23 7.72	+ 0 43.1	2.059	2.983	8.8	19.6
10 18	23 0.24	+ 0 58.9	2.120	2.964	12.1	19.8

476829 2008 UB_{278} 9 14.7 217°.52 6°.6/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	0 0.99	−22 19.0	2.232	3.083	12.0	22.3
8 19	23 55.01	−23 14.8	2.161	3.075	9.6	22.1
8 29	23 46.98	−24 6.6	2.114	3.066	7.5	22.0
9 8	23 37.51	−24 47.4	2.093	3.057	6.6	21.9
9 18	23 27.44	−25 11.4	2.100	3.047	7.6	22.0
9 28	23 17.74	−25 14.5	2.134	3.037	9.8	22.1
10 8	23 9.34	−24 55.7	2.192	3.026	12.3	22.2
10 18	23 2.90	−24 16.6	2.272	3.014	14.6	22.4

293820 2007 RF_{186} 9 14.7 108°.46 2°.1/17.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 52.73	+ 7 23.9	1.999	2.807	14.8	21.4
8 19	23 48.74	+ 6 42.4	1.928	2.820	11.8	21.2
8 29	23 42.92	+ 5 41.9	1.878	2.833	8.2	21.0
9 8	23 35.84	+ 4 25.6	1.853	2.845	4.4	20.8
9 18	23 28.27	+ 2 59.1	1.856	2.857	2.1	20.7
9 28	23 21.06	+ 1 29.6	1.887	2.868	5.0	20.9
10 8	23 15.03	+ 0 4.8	1.946	2.880	8.6	21.1
10 18	23 10.76	− 1 9.2	2.030	2.891	11.9	21.4

252724 2002 CN_{228} 9 14.7 189°.60 1°.7/18.3 18

8 9	23 45.50	+ 7 57.9	4.615	5.391	7.5	20.1
8 19	23 42.33	+ 7 48.7	4.521	5.391	6.0	20.0
8 29	23 38.39	+ 7 31.6	4.452	5.390	4.4	19.9
9 8	23 33.92	+ 7 7.5	4.409	5.390	2.7	19.8
9 18	23 29.22	+ 6 38.0	4.395	5.390	1.7	19.7
9 28	23 24.62	+ 6 4.9	4.412	5.389	2.6	19.8
10 8	23 20.45	+ 5 30.7	4.458	5.389	4.2	19.9
10 18	23 16.99	+ 4 57.6	4.531	5.388	5.9	20.0

509625 2008 FS_{44} 9 14.7 126°.88 0°.5/14.1 18

8 9	23 53.10	− 2 2.1	2.388	3.223	11.9	22.1
8 19	23 48.72	− 2 39.7	2.318	3.233	9.1	21.9
8 29	23 42.76	− 3 26.9	2.271	3.243	5.8	21.7
9 8	23 35.76	− 4 19.8	2.251	3.252	2.3	21.5
9 18	23 28.33	− 5 13.8	2.259	3.262	1.5	21.4
9 28	23 21.21	− 6 3.9	2.297	3.271	5.0	21.7
10 8	23 15.08	− 6 45.8	2.363	3.279	8.2	21.9
10 18	23 10.46	− 7 16.5	2.454	3.288	11.0	22.1

18035 1999 NJ_{7} 9 14.7 299°.40 2°.4/12.5 18

8 9	23 52.98	− 5 32.2	1.658	2.522	14.9	17.9
8 19	23 49.44	− 6 28.6	1.583	2.515	11.3	17.7
8 29	23 43.66	− 7 37.2	1.529	2.509	7.2	17.4
9 8	23 36.24	− 8 51.3	1.501	2.502	3.2	17.2
9 18	23 28.07	−10 3.1	1.498	2.496	3.6	17.2
9 28	23 20.24	−11 4.3	1.523	2.490	7.7	17.4
10 8	23 13.76	−11 48.8	1.572	2.484	11.9	17.7
10 18	23 9.39	−12 13.3	1.642	2.478	15.5	17.9

8065 Nakhodkin 9 14.7 110°.58 1°.5/13.4 18

8 9	23 58.00	− 3 7.2	1.469	2.325	16.9	17.8
8 19	23 53.31	− 3 58.0	1.410	2.338	12.8	17.5
8 29	23 46.12	− 5 3.0	1.373	2.351	8.1	17.3
9 8	23 37.20	− 6 15.2	1.360	2.363	3.2	17.1
9 18	23 27.65	− 7 26.4	1.374	2.375	2.8	17.1
9 28	23 18.69	− 8 27.7	1.414	2.386	7.5	17.4
10 8	23 11.45	− 9 12.9	1.479	2.398	12.0	17.7
10 18	23 6.64	− 9 38.7	1.565	2.408	15.7	17.9

41661 2000 SK_{369} 9 14.7 107°.53 4°.2/18.0 18

8 9	23 58.26	+ 8 8.5	1.469	2.286	18.8	19.4
8 19	23 53.69	+ 8 23.1	1.399	2.293	15.2	19.2
8 29	23 46.51	+ 8 15.7	1.348	2.300	11.0	18.9
9 8	23 37.43	+ 7 46.8	1.320	2.306	6.7	18.7
9 18	23 27.51	+ 7 0.3	1.316	2.313	4.2	18.6
9 28	23 18.08	+ 6 3.1	1.338	2.319	6.7	18.8
10 8	23 10.34	+ 5 3.8	1.386	2.325	10.9	19.0
10 18	23 5.11	+ 4 10.5	1.456	2.331	14.8	19.3

392051 2009 BZ_{129} 9 14.7 20°.21 2°.2/12.9 18

8 9	23 54.70	− 6 41.5	1.637	2.501	15.1	20.2
8 19	23 50.64	− 7 11.6	1.572	2.504	11.4	20.0
8 29	23 44.35	− 7 50.4	1.529	2.508	7.3	19.7
9 8	23 36.49	− 8 32.4	1.510	2.512	3.2	19.5
9 18	23 27.99	− 9 11.1	1.518	2.516	3.2	19.5
9 28	23 19.96	− 9 40.4	1.552	2.521	7.3	19.8
10 8	23 13.39	− 9 55.8	1.610	2.527	11.3	20.0
10 18	23 8.98	− 9 55.2	1.691	2.532	14.8	20.3

21746 Carrieshaw 9 14.7 64°.05 1°.1/15.6 18

8 9	23 56.54	+ 1 57.9	1.332	2.183	18.6	19.2
8 19	23 52.44	+ 1 39.3	1.274	2.194	14.5	18.9
8 29	23 45.67	+ 1 1.3	1.235	2.206	9.6	18.7
9 8	23 37.06	+ 0 8.3	1.218	2.218	4.3	18.4
9 18	23 27.72	− 0 52.6	1.227	2.230	1.7	18.3
9 28	23 19.01	− 1 52.7	1.261	2.242	6.8	18.7
10 8	23 12.11	− 2 43.7	1.319	2.255	11.6	19.0
10 18	23 7.78	− 3 20.1	1.398	2.267	15.7	19.3

85764 1998 TT_{12} 9 14.7 41°.98 0°.1/14.6 18

8 9	23 52.42	− 1 7.6	1.907	2.752	14.0	19.2
8 19	23 48.52	− 1 33.8	1.847	2.767	10.7	19.0
8 29	23 42.78	− 2 11.6	1.809	2.782	6.9	18.8
9 8	23 35.79	− 2 57.1	1.795	2.797	2.8	18.6
9 18	23 28.35	− 3 45.0	1.809	2.813	1.4	18.5
9 28	23 21.34	− 4 29.6	1.851	2.829	5.5	18.8
10 8	23 15.55	− 5 5.7	1.919	2.845	9.2	19.1
10 18	23 11.56	− 5 30.2	2.010	2.861	12.4	19.3

366641 2003 SS_{208} 9 14.7 6°.14 2°.7/16.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 49.41	+ 4 52.7	1.011	1.883	21.6	19.8
8 19	23 47.76	+ 4 47.5	0.953	1.882	17.2	19.6
8 29	23 43.07	+ 4 14.7	0.910	1.883	11.9	19.3
9 8	23 36.13	+ 3 17.5	0.888	1.885	6.2	19.0
9 18	23 28.17	+ 2 3.5	0.886	1.889	2.8	18.8
9 28	23 20.80	+ 0 44.5	0.907	1.894	7.6	19.1
10 8	23 15.45	− 0 27.1	0.949	1.900	13.1	19.4
10 18	23 13.02	− 1 22.0	1.011	1.908	18.0	19.8

138918 2001 AJ_{22} 9 14.7 216°.55 0°.6/15.3 18

8 9	23 56.18	+ 1 37.2	1.661	2.498	16.1	20.6
8 19	23 51.92	+ 1 6.6	1.579	2.493	12.6	20.3
8 29	23 45.30	+ 0 18.5	1.519	2.488	8.4	20.1
9 8	23 36.95	− 0 43.2	1.483	2.483	3.7	19.8
9 18	23 27.76	− 1 52.3	1.473	2.477	1.5	19.6
9 28	23 18.90	− 3 0.8	1.491	2.471	6.3	19.9
10 8	23 11.43	− 4 1.0	1.535	2.464	10.8	20.2
10 18	23 6.18	− 4 47.2	1.602	2.457	14.8	20.4

336361 2008 UT 9 14.7 26°.25 1°.4/15.7 18

8 9	23 54.44	+ 1 3.5	1.198	2.062	19.4	19.7
8 19	23 51.02	+ 1 8.4	1.147	2.075	15.1	19.5
8 29	23 44.82	+ 0 54.9	1.114	2.088	10.1	19.3
9 8	23 36.72	+ 0 26.8	1.103	2.103	4.6	19.0
9 18	23 27.92	− 0 10.1	1.115	2.119	1.9	18.9
9 28	23 19.83	− 0 47.7	1.151	2.135	6.9	19.3
10 8	23 13.66	− 1 18.5	1.211	2.153	11.8	19.6
10 18	23 10.14	− 1 37.4	1.292	2.172	16.0	19.9

209963 2006 GG_{41} 9 14.7 45°.94 1°.8/16.1 18

8 9	23 53.63	+ 4 34.3	1.155	2.012	20.5	19.4
8 19	23 50.55	+ 4 3.7	1.101	2.023	16.0	19.2
8 29	23 44.61	+ 3 7.3	1.064	2.035	10.8	19.0
9 8	23 36.67	+ 1 50.2	1.048	2.047	5.2	18.7
9 18	23 27.95	+ 0 21.5	1.056	2.060	2.1	18.5
9 28	23 19.90	− 1 7.2	1.089	2.073	7.2	18.9
10 8	23 13.80	− 2 24.6	1.144	2.086	12.4	19.2
10 18	23 10.44	− 3 23.4	1.221	2.100	16.8	19.5

261615 2005 YM_{5} 9 14.7 356°.10 6°.7/ 7.5 18

8 9	23 53.88	−20 18.7	1.973	2.844	12.6	20.3
8 19	23 49.77	−21 29.1	1.915	2.843	9.9	20.1
8 29	23 43.67	−22 36.9	1.880	2.842	7.6	20.0
9 8	23 36.20	−23 34.6	1.870	2.841	6.7	19.9
9 18	23 28.17	−24 15.3	1.887	2.841	7.8	20.0
9 28	23 20.56	−24 34.3	1.928	2.840	10.2	20.1
10 8	23 14.25	−24 30.1	1.994	2.840	12.8	20.3
10 18	23 9.84	−24 3.8	2.079	2.841	15.2	20.5

195583 2002 JQ_{118} 9 14.7 160°.34 8°.1/ 6.4 18

8 9	23 59.10	−24 19.7	1.948	2.809	13.1	20.1
8 19	23 53.78	−25 38.4	1.897	2.813	10.7	19.9
8 29	23 46.25	−26 50.8	1.868	2.816	8.7	19.8
9 8	23 37.24	−27 48.6	1.865	2.819	8.1	19.8
9 18	23 27.68	−28 24.7	1.888	2.822	9.2	19.8
9 28	23 18.65	−28 35.0	1.936	2.824	11.4	20.0
10 8	23 11.10	−28 19.1	2.006	2.826	13.8	20.2
10 18	23 5.70	−27 39.6	2.096	2.828	16.0	20.3

16242 2000 GT_{126} 9 14.7 179°.83 3°.1/18.1 18

8 9	23 54.16	+ 9 46.1	1.953	2.749	15.6	18.5
8 19	23 50.02	+ 9 16.6	1.869	2.750	12.6	18.3
8 29	23 43.89	+ 8 25.7	1.805	2.751	9.1	18.1
9 8	23 36.33	+ 7 15.5	1.766	2.751	5.4	17.9
9 18	23 28.11	+ 5 50.6	1.753	2.751	3.1	17.7
9 28	23 20.18	+ 4 18.1	1.770	2.750	5.3	17.9
10 8	23 13.45	+ 2 46.5	1.813	2.749	9.0	18.1
10 18	23 8.58	+ 1 23.3	1.882	2.747	12.5	18.3

226352 2003 GZ_{13} 9 14.7 264°.09 0°.6/16.1 16

8 9	23 44.92	+ 2 23.6	4.500	5.306	7.2	20.8
8 19	23 41.93	+ 2 0.0	4.407	5.303	5.6	20.7
8 29	23 38.16	+ 1 29.8	4.340	5.300	3.7	20.6
9 8	23 33.87	+ 0 54.6	4.300	5.297	1.8	20.4
9 18	23 29.33	+ 0 16.2	4.290	5.293	0.7	20.3
9 28	23 24.91	− 0 23.0	4.311	5.290	2.6	20.5
10 8	23 20.91	− 1 0.5	4.361	5.287	4.5	20.6
10 18	23 17.62	− 1 34.3	4.438	5.283	6.2	20.7

201131 2002 JT_{76} 9 14.7 126°.92 1°.8/16.7 16

8 9	23 55.12	+ 5 30.5	2.116	2.924	14.1	21.7
8 19	23 50.45	+ 5 2.3	2.045	2.938	11.1	21.5
8 29	23 43.99	+ 4 18.1	1.995	2.952	7.6	21.3
9 8	23 36.31	+ 3 20.8	1.972	2.965	3.9	21.1
9 18	23 28.15	+ 2 15.1	1.976	2.978	1.8	21.0
9 28	23 20.35	+ 1 7.0	2.010	2.990	4.8	21.2
10 8	23 13.72	+ 0 2.7	2.071	3.002	8.4	21.4
10 18	23 8.81	− 0 52.6	2.158	3.013	11.5	21.7

85275 1994 *LY* 9 14.7 359°.41 47°.1/ 9.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	17 50.12	+ 0 32.1	0.151	1.111	47.1	14.0
8 19	17 54.82	−22 29.3	0.120	1.082	52.0	13.6
8 29	18 19.30	−52 42.4	0.117	1.063	60.4	13.7
9 8	20 2.38	−75 41.0	0.144	1.055	67.0	14.4
9 18	1 3.84	−79 12.1	0.185	1.059	68.1	15.0
9 28	2 53.02	−71 58.1	0.232	1.075	65.8	15.4
10 8	3 17.89	−65 23.4	0.279	1.101	61.7	15.7
10 18	3 22.67	−59 36.1	0.324	1.136	56.8	16.0

132464 2002 *JM* 9 14.7 104°.37 2°.2/17.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 52.84	+ 8 6.1	1.925	2.732	15.4	19.8
8 19	23 48.90	+ 7 20.5	1.854	2.746	12.2	19.6
8 29	23 43.08	+ 6 14.5	1.805	2.759	8.5	19.4
9 8	23 35.96	+ 4 51.5	1.781	2.772	4.6	19.2
9 18	23 28.32	+ 3 17.4	1.784	2.785	2.3	19.0
9 28	23 21.08	+ 1 40.2	1.816	2.798	5.1	19.3
10 8	23 15.06	+ 0 8.0	1.875	2.810	8.8	19.5
10 18	23 10.86	− 1 12.5	1.960	2.822	12.2	19.7

242492 Fantomas 9 14.7 228°.66 1°.5/13.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 54.88	− 4 21.0	2.025	2.871	13.3	21.7
8 19	23 50.53	− 5 6.4	1.940	2.863	10.1	21.5
8 29	23 44.22	− 6 2.6	1.878	2.854	6.5	21.2
9 8	23 36.48	− 7 4.6	1.843	2.845	2.7	21.0
9 18	23 28.05	− 8 6.4	1.835	2.835	2.5	21.0
9 28	23 19.88	− 9 1.5	1.856	2.825	6.4	21.2
10 8	23 12.83	− 9 44.5	1.903	2.815	10.2	21.4
10 18	23 7.60	−10 12.3	1.974	2.804	13.5	21.6

512122 2015 PB_5 9 14.7 99°.62 5°.0/19.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 56.38	+12 35.4	2.035	2.809	15.8	21.3
8 19	23 51.59	+12 57.8	1.961	2.821	13.0	21.2
8 29	23 44.83	+13 1.0	1.907	2.833	10.0	21.0
9 8	23 36.69	+12 44.9	1.876	2.845	6.9	20.9
9 18	23 27.97	+12 11.5	1.872	2.856	5.1	20.8
9 28	23 19.61	+11 25.0	1.896	2.868	6.0	20.8
10 8	23 12.47	+10 31.9	1.946	2.879	8.7	21.0
10 18	23 7.20	+ 9 38.5	2.021	2.890	11.6	21.2

226043 2002 GD_{57} 9 14.7 308°.12 6°.1/12.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	0 14.00	−17 0.4	1.033	1.908	21.1	19.8
8 19	0 7.28	−16 38.8	0.961	1.894	16.7	19.5
8 29	23 56.18	−16 10.6	0.906	1.881	11.6	19.2
9 8	23 41.66	−15 26.8	0.873	1.869	7.0	18.9
9 18	23 25.53	−14 20.8	0.864	1.857	7.1	18.8
9 28	23 10.18	−12 50.5	0.879	1.845	12.0	19.1
10 8	22 57.76	−10 59.9	0.917	1.834	17.6	19.3
10 18	22 49.54	− 8 55.6	0.973	1.823	22.5	19.6

231917 2001 BZ_{25} 9 14.7 113°.18 3°.8/10.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 55.36	−11 7.4	2.219	3.074	12.0	20.5
8 19	23 50.50	−12 32.7	2.168	3.096	9.0	20.3
8 29	23 43.94	−14 2.0	2.144	3.118	5.9	20.2
9 8	23 36.28	−15 28.2	2.146	3.138	3.9	20.1
9 18	23 28.23	−16 44.7	2.178	3.159	4.8	20.2
9 28	23 20.62	−17 45.7	2.238	3.178	7.5	20.4
10 8	23 14.16	−18 28.2	2.325	3.197	10.3	20.6
10 18	23 9.39	−18 51.2	2.435	3.215	12.7	20.8

23516 1992 RK_2 9 14.7 278°.19 1°.2/15.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 55.91	+ 1 53.0	1.513	2.357	17.1	19.0
8 19	23 52.11	+ 1 40.3	1.423	2.340	13.5	18.7
8 29	23 45.69	+ 1 9.4	1.353	2.322	9.2	18.4
9 8	23 37.24	+ 0 23.1	1.306	2.305	4.3	18.1
9 18	23 27.68	− 0 33.3	1.284	2.287	1.7	17.9
9 28	23 18.31	− 1 32.1	1.288	2.270	6.8	18.1
10 8	23 10.39	− 2 25.0	1.317	2.252	11.8	18.4
10 18	23 4.90	− 3 5.2	1.368	2.234	16.2	18.6

394464 2007 RV_{288} 9 14.7 161°.23 1°.9/16.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 54.02	+ 5 9.5	2.210	3.019	13.6	21.1
8 19	23 49.64	+ 4 53.6	2.128	3.022	10.7	20.9
8 29	23 43.52	+ 4 23.0	2.069	3.025	7.4	20.7
9 8	23 36.17	+ 3 39.8	2.035	3.028	3.9	20.5
9 18	23 28.27	+ 2 47.8	2.029	3.031	2.0	20.4
9 28	23 20.65	+ 1 52.2	2.052	3.033	4.7	20.6
10 8	23 14.08	+ 0 58.6	2.103	3.035	8.2	20.8
10 18	23 9.16	+ 0 11.9	2.179	3.036	11.3	21.0

435103 2007 DH_{26} 9 14.7 195°.52 1°.4/13.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 56.32	− 4 5.2	1.992	2.836	13.6	22.4
8 19	23 51.61	− 4 51.7	1.913	2.834	10.3	22.2
8 29	23 44.91	− 5 49.0	1.856	2.831	6.6	22.0
9 8	23 36.77	− 6 52.1	1.826	2.828	2.7	21.8
9 18	23 27.98	− 7 54.7	1.824	2.824	2.5	21.7
9 28	23 19.49	− 8 50.4	1.850	2.820	6.4	22.0
10 8	23 12.21	− 9 33.8	1.904	2.815	10.2	22.2
10 18	23 6.80	−10 1.8	1.981	2.809	13.5	22.4

11201 Talich 9 14.7 311°.64 0°.5/15.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 53.09	+ 0 28.9	1.905	2.744	14.3	18.7
8 19	23 49.26	+ 0 9.0	1.823	2.738	11.1	18.5
8 29	23 43.44	− 0 24.4	1.763	2.733	7.3	18.2
9 8	23 36.19	− 1 8.2	1.727	2.728	3.2	18.0
9 18	23 28.26	− 1 57.5	1.719	2.723	1.3	17.8
9 28	23 20.61	− 2 46.2	1.738	2.718	5.6	18.1
10 8	23 14.12	− 3 28.6	1.783	2.713	9.6	18.4
10 18	23 9.50	− 4 0.2	1.852	2.708	13.1	18.6

126475 2002 CE_{45} 9 14.7 257°.66 1°.4/13.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 54.38	− 3 36.1	1.743	2.597	14.8	20.2
8 19	23 50.43	− 4 19.7	1.664	2.591	11.3	20.0
8 29	23 44.29	− 5 15.9	1.608	2.585	7.2	19.7
9 8	23 36.56	− 6 19.4	1.576	2.578	2.9	19.4
9 18	23 28.08	− 7 23.4	1.571	2.572	2.6	19.4
9 28	23 19.91	− 8 20.4	1.594	2.566	6.9	19.7
10 8	23 13.06	− 9 4.3	1.641	2.559	11.1	19.9
10 18	23 8.26	− 9 31.4	1.712	2.553	14.7	20.1

423182 2004 HH_{45} 9 14.7 122°.67 4°.5/19.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 55.02	+13 28.7	1.843	2.622	17.0	21.0
8 19	23 50.72	+13 8.3	1.769	2.635	14.0	20.8
8 29	23 44.34	+12 23.6	1.716	2.648	10.5	20.7
9 8	23 36.53	+11 15.9	1.685	2.660	6.9	20.5
9 18	23 28.12	+ 9 49.7	1.681	2.672	4.6	20.4
9 28	23 20.12	+ 8 12.4	1.705	2.683	5.8	20.5
10 8	23 13.45	+ 6 33.2	1.756	2.694	9.1	20.7
10 18	23 8.78	+ 5 0.5	1.832	2.704	12.4	20.9

260726 2005 LQ_2 9 14.7 3°.48 5°.1/26.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 45.86	+25 28.0	4.090	4.744	10.1	20.6
8 19	23 42.83	+25 31.0	3.991	4.744	8.9	20.5
8 29	23 38.84	+25 19.4	3.912	4.744	7.6	20.4
9 8	23 34.19	+24 52.9	3.855	4.745	6.3	20.3
9 18	23 29.24	+24 12.0	3.823	4.745	5.4	20.2
9 28	23 24.43	+23 18.8	3.819	4.746	5.1	20.2
10 8	23 20.14	+22 16.1	3.842	4.747	5.7	20.3
10 18	23 16.74	+21 7.8	3.893	4.748	6.8	20.3

343931 2011 KG_{12} 9 14.7 74°.62 2°.3/16.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 55.67	+ 5 34.2	1.668	2.491	16.7	21.3
8 19	23 51.27	+ 5 19.5	1.608	2.509	13.2	21.1
8 29	23 44.70	+ 4 46.0	1.568	2.527	9.1	20.9
9 8	23 36.66	+ 3 56.6	1.552	2.545	4.8	20.7
9 18	23 28.07	+ 2 56.6	1.562	2.563	2.4	20.6
9 28	23 20.01	+ 1 53.2	1.599	2.581	5.6	20.8
10 8	23 13.41	+ 0 53.8	1.663	2.599	9.6	21.1
10 18	23 8.94	+ 0 4.3	1.750	2.617	13.2	21.4

514862 2008 FX_{131} 9 14.7 76°.12 1°.1/13.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 53.70	− 3 57.8	2.114	2.959	12.8	21.5
8 19	23 49.34	− 4 33.6	2.053	2.975	9.7	21.4
8 29	23 43.25	− 5 18.3	2.016	2.991	6.1	21.2
9 8	23 36.02	− 6 7.4	2.004	3.006	2.4	21.0
9 18	23 28.38	− 6 55.7	2.021	3.022	2.0	21.0
9 28	23 21.14	− 7 38.0	2.066	3.037	5.6	21.2
10 8	23 15.04	− 8 10.2	2.137	3.052	9.0	21.5
10 18	23 10.62	− 8 29.7	2.233	3.068	11.9	21.7

186520 2002 VU_{38} 9 14.7 337°.39 4°.7/10.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 51.67	− 9 9.9	1.221	2.111	17.4	19.3
8 19	23 49.20	−10 19.0	1.155	2.102	13.2	19.0
8 29	23 43.90	−11 40.0	1.110	2.093	8.7	18.7
9 8	23 36.50	−13 3.1	1.086	2.085	5.0	18.5
9 18	23 28.11	−14 16.9	1.086	2.078	6.2	18.5
9 28	23 20.19	−15 10.8	1.110	2.072	10.6	18.8
10 8	23 14.05	−15 38.4	1.155	2.066	15.2	19.0
10 18	23 10.60	−15 38.0	1.218	2.061	19.3	19.3

481554 2007 RF_{215} 9 14.7 332°.86 0°.9/15.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 54.18	+ 0 12.4	1.562	2.411	16.4	21.4
8 19	23 50.55	+ 0 10.1	1.482	2.403	12.8	21.1
8 29	23 44.52	− 0 6.9	1.423	2.394	8.5	20.8
9 8	23 36.70	− 0 35.6	1.387	2.387	3.8	20.6
9 18	23 28.01	− 1 11.3	1.376	2.380	1.6	20.4
9 28	23 19.64	− 1 47.6	1.391	2.373	6.4	20.7
10 8	23 12.71	− 2 18.1	1.432	2.367	11.0	20.9
10 18	23 8.04	− 2 37.7	1.494	2.361	15.0	21.2

448044 2008 EA_{168} 9 14.7 84°.26 0°.3/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 54.30	− 0 39.1	2.131	2.964	13.2	21.5
8 19	23 49.86	− 0 54.7	2.057	2.970	10.1	21.3
8 29	23 43.65	− 1 21.1	2.007	2.977	6.6	21.1
9 8	23 36.22	− 1 55.1	1.982	2.983	2.8	20.9
9 18	23 28.28	− 2 32.7	1.985	2.989	1.2	20.7
9 28	23 20.67	− 3 8.9	2.017	2.995	5.1	21.0
10 8	23 14.17	− 3 39.1	2.076	3.001	8.7	21.3
10 18	23 9.37	− 4 0.1	2.159	3.007	11.8	21.5

116603 2004 BJ_{108} 9 14.7 231°.36 3°.0/11.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 54.87	− 9 20.1	1.955	2.814	13.2	19.9
8 19	23 50.52	−10 5.4	1.883	2.813	10.0	19.7
8 29	23 44.19	−10 56.8	1.834	2.811	6.4	19.5
9 8	23 36.47	−11 48.7	1.811	2.810	3.4	19.3
9 18	23 28.15	−12 34.8	1.816	2.808	4.0	19.3
9 28	23 20.18	−13 9.5	1.848	2.806	7.3	19.5
10 8	23 13.44	−13 28.8	1.905	2.805	10.8	19.7
10 18	23 8.58	−13 31.3	1.986	2.803	13.9	19.9

57923 2002 FQ_{14} 9 14.7 82°.96 1°.8/16.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 54.91	+ 3 59.4	1.733	2.561	16.0	19.4
8 19	23 50.76	+ 3 46.5	1.660	2.566	12.6	19.2
8 29	23 44.44	+ 3 16.4	1.609	2.572	8.6	19.0
9 8	23 36.60	+ 2 32.0	1.582	2.577	4.3	18.7
9 18	23 28.10	+ 1 38.0	1.581	2.583	2.0	18.6
9 28	23 19.99	+ 0 41.1	1.607	2.589	5.6	18.8
10 8	23 13.24	− 0 11.7	1.659	2.594	9.7	19.1
10 18	23 8.56	− 0 54.9	1.735	2.600	13.4	19.3

147587 2004 FU_{161} 9 14.7 254°.28 0°.8/15.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 55.99	+ 1 45.4	1.734	2.569	15.7	21.2
8 19	23 51.83	+ 1 20.9	1.642	2.554	12.3	20.9
8 29	23 45.33	+ 0 39.4	1.570	2.538	8.3	20.7
9 8	23 37.05	− 0 15.9	1.523	2.522	3.7	20.4
9 18	23 27.84	− 1 19.6	1.502	2.506	1.5	20.2
9 28	23 18.80	− 2 24.4	1.509	2.489	6.2	20.5
10 8	23 11.05	− 3 22.6	1.542	2.471	10.8	20.7
10 18	23 5.43	− 4 8.3	1.598	2.454	14.8	20.9

44323 1998 RT_{44} 9 14.7 148°.88 1°.7/12.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 52.65	− 3 22.8	2.072	2.919	13.0	18.5
8 19	23 48.69	− 4 36.6	2.001	2.924	9.8	18.3
8 29	23 42.94	− 6 2.2	1.953	2.929	6.2	18.1
9 8	23 35.95	− 7 33.5	1.933	2.934	2.6	17.8
9 18	23 28.43	− 9 3.6	1.941	2.939	2.7	17.9
9 28	23 21.23	−10 24.9	1.977	2.943	6.3	18.1
10 8	23 15.14	−11 31.7	2.041	2.947	9.8	18.3
10 18	23 10.74	−12 20.7	2.128	2.951	12.9	18.5

375692 2009 MY_{8} 9 14.7 55°.63 4°.9/10.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 57.52	− 9 14.5	1.164	2.048	18.5	20.4
8 19	23 53.19	−10 43.2	1.134	2.077	13.8	20.3
8 29	23 46.06	−12 19.3	1.125	2.106	8.9	20.1
9 8	23 37.20	−13 50.9	1.138	2.136	5.2	20.0
9 18	23 27.90	−15 6.8	1.176	2.166	6.3	20.1
9 28	23 19.61	−15 58.6	1.238	2.195	10.3	20.4
10 8	23 13.42	−16 23.0	1.323	2.225	14.4	20.8
10 18	23 9.93	−16 21.1	1.426	2.255	17.8	21.1

223209 2003 BL_{49} 9 14.7 250°.60 2°.0/12.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 55.94	− 5 5.5	1.774	2.628	14.6	21.2
8 19	23 51.69	− 5 52.0	1.688	2.615	11.1	20.9
8 29	23 45.18	− 6 50.4	1.624	2.601	7.1	20.7
9 8	23 36.97	− 7 54.9	1.586	2.588	3.0	20.4
9 18	23 27.92	− 8 58.6	1.575	2.573	3.1	20.4
9 28	23 19.10	− 9 54.1	1.591	2.559	7.3	20.6
10 8	23 11.58	−10 35.1	1.632	2.544	11.5	20.8
10 18	23 6.15	−10 58.2	1.696	2.529	15.2	21.0

448413 2009 SE_{138} 9 14.7 345°.29 3°.2/18.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 48.92	+ 9 55.9	2.079	2.879	14.6	21.5
8 19	23 45.96	+ 9 32.1	1.992	2.875	11.9	21.3
8 29	23 41.26	+ 8 48.4	1.926	2.872	8.6	21.1
9 8	23 35.29	+ 7 46.5	1.884	2.868	5.3	20.9
9 18	23 28.75	+ 6 30.5	1.869	2.865	3.2	20.8
9 28	23 22.44	+ 5 6.6	1.881	2.863	5.0	20.9
10 8	23 17.15	+ 3 42.3	1.921	2.860	8.3	21.1
10 18	23 13.48	+ 2 24.4	1.986	2.859	11.6	21.3

44750 1999 TC_{94} 9 14.7 40°.78 0°.1/14.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 52.12	+ 1 41.9	1.175	2.042	19.5	18.8
8 19	23 49.34	+ 0 45.7	1.123	2.054	15.0	18.5
8 29	23 43.82	− 0 33.6	1.089	2.067	9.7	18.3
9 8	23 36.40	− 2 8.6	1.078	2.080	4.0	18.0
9 18	23 28.25	− 3 48.5	1.090	2.094	1.9	17.9
9 28	23 20.78	− 5 21.1	1.127	2.108	7.6	18.3
10 8	23 15.16	− 6 36.2	1.188	2.123	12.7	18.7
10 18	23 12.16	− 7 28.2	1.269	2.139	17.0	19.0

335438 2005 UQ_{282} 9 14.7 78°.29 2°.4/12.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 57.28	− 5 59.2	1.527	2.389	16.1	21.1
8 19	23 52.65	− 6 46.7	1.474	2.405	12.1	20.9
8 29	23 45.66	− 7 44.3	1.443	2.421	7.7	20.7
9 8	23 37.08	− 8 45.1	1.436	2.437	3.4	20.4
9 18	23 27.95	− 9 41.4	1.455	2.453	3.5	20.5
9 28	23 19.45	−10 26.0	1.501	2.469	7.7	20.8
10 8	23 12.59	−10 54.0	1.571	2.485	11.8	21.1
10 18	23 8.04	−11 3.5	1.664	2.500	15.2	21.3

63270 2001 CR_{28} 9 14.7 64°.84 4°.8/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 52.19	−15 6.9	2.176	3.044	11.7	19.1
8 19	23 48.29	−16 19.4	2.117	3.049	8.9	19.0
8 29	23 42.65	−17 33.6	2.083	3.054	6.3	18.8
9 8	23 35.83	−18 42.5	2.074	3.059	4.8	18.7
9 18	23 28.54	−19 40.0	2.094	3.065	5.8	18.8
9 28	23 21.61	−20 20.7	2.140	3.070	8.3	19.0
10 8	23 15.78	−20 42.2	2.211	3.075	11.0	19.1
10 18	23 11.60	−20 44.0	2.303	3.081	13.4	19.3

47621 2000 BO_{29} 9 14.7 231°.76 2°.9/17.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 53.60	+ 8 0.9	2.168	2.966	14.2	18.7
8 19	23 49.49	+ 7 52.8	2.075	2.959	11.4	18.5
8 29	23 43.55	+ 7 27.8	2.004	2.952	8.2	18.3
9 8	23 36.26	+ 6 47.3	1.958	2.945	4.9	18.1
9 18	23 28.31	+ 5 54.2	1.939	2.937	2.9	18.0
9 28	23 20.57	+ 4 53.7	1.949	2.929	5.0	18.1
10 8	23 13.85	+ 3 52.1	1.986	2.921	8.4	18.3
10 18	23 8.81	+ 2 55.2	2.048	2.913	11.6	18.5

167261 2003 UT_{122} 9 14.8 332°.21 7°.9/ 6.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 49.17	−16 31.9	1.419	2.313	15.2	19.2
8 19	23 47.04	−18 31.3	1.355	2.299	11.9	19.0
8 29	23 42.41	−20 35.7	1.313	2.286	9.0	18.8
9 8	23 35.90	−22 32.6	1.295	2.273	8.0	18.7
9 18	23 28.49	−24 9.5	1.301	2.262	9.8	18.8
9 28	23 21.45	−25 16.3	1.330	2.251	13.1	18.9
10 8	23 15.95	−25 48.6	1.380	2.241	16.6	19.1
10 18	23 12.83	−25 46.8	1.448	2.232	19.7	19.3

205006 1997 AY_{21} 9 14.8 320°.93 3°.3/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 50.44	− 6 42.0	1.366	2.248	16.4	19.5
8 19	23 48.15	− 7 40.5	1.283	2.225	12.6	19.2
8 29	23 43.25	− 8 53.6	1.219	2.202	8.1	18.9
9 8	23 36.30	−10 14.0	1.179	2.180	4.0	18.6
9 18	23 28.27	−11 31.6	1.163	2.159	4.8	18.6
9 28	23 20.45	−12 36.1	1.171	2.139	9.5	18.8
10 8	23 14.13	−13 19.2	1.202	2.119	14.3	19.0
10 18	23 10.29	−13 36.9	1.252	2.100	18.5	19.3

312622 2009 SH_{313} 9 14.8 348°.30 1°.8/11.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 46.79	−11 3.7	4.261	5.109	6.8	20.9
8 19	23 43.39	−11 31.8	4.184	5.108	5.1	20.8
8 29	23 39.14	−12 1.6	4.134	5.108	3.3	20.6
9 8	23 34.33	−12 30.8	4.111	5.107	1.9	20.5
9 18	23 29.28	−12 57.0	4.118	5.107	2.3	20.6
9 28	23 24.37	−13 17.9	4.155	5.106	3.9	20.7
10 8	23 19.95	−13 31.9	4.220	5.106	5.7	20.8
10 18	23 16.32	−13 37.8	4.310	5.105	7.3	20.9

216399 2008 EU_{52} 9 14.8 201°.27 3°.2/11.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 54.90	− 6 41.7	1.576	2.442	15.4	20.5
8 19	23 51.02	− 7 55.4	1.507	2.441	11.7	20.2
8 29	23 44.77	− 9 21.3	1.460	2.439	7.5	20.0
9 8	23 36.81	−10 51.2	1.438	2.438	3.7	19.8
9 18	23 28.08	−12 15.7	1.442	2.436	4.5	19.8
9 28	23 19.76	−13 25.8	1.473	2.434	8.6	20.1
10 8	23 12.92	−14 15.2	1.528	2.432	12.7	20.3
10 18	23 8.34	−14 41.2	1.605	2.430	16.3	20.5

112915 2002 QC_{60} 9 14.8 138°.66 4°.5/19.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 56.58	+12 11.6	2.209	2.978	14.8	20.4
8 19	23 51.64	+12 26.9	2.129	2.987	12.2	20.2
8 29	23 44.86	+12 24.3	2.069	2.996	9.3	20.1
9 8	23 36.77	+12 3.9	2.034	3.004	6.4	19.9
9 18	23 28.11	+11 27.7	2.026	3.012	4.6	19.8
9 28	23 19.75	+10 39.9	2.046	3.019	5.6	19.9
10 8	23 12.51	+ 9 46.3	2.094	3.026	8.2	20.1
10 18	23 7.01	+ 8 52.8	2.167	3.033	11.1	20.3

318503 2005 ET_{149} 9 14.8 36°.48 3°.8/11.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 54.95	− 7 43.7	1.130	2.018	18.7	20.0
8 19	23 51.58	− 8 41.2	1.085	2.030	14.1	19.8
8 29	23 45.29	− 9 49.8	1.059	2.042	9.0	19.6
9 8	23 37.01	−10 59.7	1.055	2.056	4.5	19.4
9 18	23 28.04	−12 0.4	1.074	2.070	5.2	19.5
9 28	23 19.86	−12 42.8	1.117	2.085	9.8	19.8
10 8	23 13.73	−13 1.7	1.182	2.100	14.4	20.1
10 18	23 10.38	−12 56.6	1.266	2.116	18.3	20.4

58143 1983 VD_{7} 9 14.8 2°.47 11°.4/ 9.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 56.77	−25 2.3	0.927	1.832	20.2	14.9
8 19	23 53.77	−25 30.3	0.885	1.829	16.5	14.6
8 29	23 47.05	−25 44.0	0.860	1.827	13.2	14.5
9 8	23 37.79	−25 31.4	0.853	1.829	11.5	14.4
9 18	23 27.69	−24 44.5	0.866	1.833	12.4	14.4
9 28	23 18.72	−23 21.4	0.898	1.839	15.4	14.6
10 8	23 12.40	−21 27.4	0.950	1.848	19.0	14.9
10 18	23 9.52	−19 10.8	1.019	1.859	22.4	15.2

108387 2001 KR_{25} 9 14.8 22°.76 6°.7/ 8.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 57.92	−19 14.6	1.765	2.634	13.9	19.4
8 19	23 53.06	−20 11.2	1.707	2.635	10.9	19.2
8 29	23 45.92	−21 5.4	1.671	2.637	8.1	19.1
9 8	23 37.22	−21 49.2	1.661	2.638	6.7	19.0
9 18	23 27.92	−22 15.8	1.676	2.640	7.7	19.1
9 28	23 19.15	−22 20.3	1.717	2.642	10.4	19.2
10 8	23 11.91	−22 1.7	1.781	2.644	13.3	19.4
10 18	23 6.88	−21 21.6	1.866	2.646	16.0	19.6

423266 2004 VE_{8} 9 14.8 349°.54 7°.3/10.3 18

8 9	23 49.10	−13 20.7	0.841	1.760	20.3	20.0
8 19	23 48.21	−14 15.5	0.788	1.748	15.7	19.7
8 29	23 43.75	−15 17.2	0.751	1.738	10.8	19.4
9 8	23 36.59	−16 12.9	0.732	1.729	7.4	19.2
9 18	23 28.19	−16 49.4	0.733	1.723	8.9	19.2
9 28	23 20.48	−16 56.1	0.754	1.719	13.6	19.4
10 8	23 15.14	−16 29.2	0.792	1.717	18.6	19.7
10 18	23 13.19	−15 30.9	0.845	1.717	23.1	20.0

89924 2002 ED_{51} 9 14.8 228°.91 0°.1/14.5 18

8 9	23 45.83	− 2 21.3	4.545	5.369	6.9	20.0
8 19	23 42.62	− 2 41.8	4.458	5.367	5.2	19.9
8 29	23 38.64	− 3 7.1	4.397	5.366	3.3	19.8
9 8	23 34.13	− 3 35.4	4.363	5.364	1.3	19.6
9 18	23 29.40	− 4 4.6	4.360	5.363	0.7	19.6
9 28	23 24.78	− 4 32.8	4.387	5.361	2.8	19.7
10 8	23 20.59	− 4 57.7	4.443	5.360	4.7	19.9
10 18	23 17.11	− 5 17.8	4.526	5.358	6.4	20.0

429975 2013 CP_{210} 9 14.8 287°.22 1°.9/10.7 16

8 9	23 45.29	−11 0.1	4.289	5.140	6.7	20.6
8 19	23 42.30	−11 47.1	4.208	5.134	5.1	20.5
8 29	23 38.47	−12 36.4	4.154	5.128	3.3	20.4
9 8	23 34.08	−13 25.2	4.128	5.122	2.0	20.3
9 18	23 29.43	−14 10.9	4.132	5.116	2.5	20.3
9 28	23 24.89	−14 50.7	4.165	5.111	4.1	20.4
10 8	23 20.81	−15 22.7	4.226	5.105	5.9	20.5
10 18	23 17.49	−15 45.3	4.313	5.099	7.5	20.7

264826 2002 PE_{177} 9 14.8 343°.38 2°.6/13.2 18

8 9	23 49.58	− 6 30.9	0.965	1.867	19.8	19.9
8 19	23 48.27	− 6 45.5	0.898	1.850	15.3	19.5
8 29	23 43.70	− 7 13.7	0.848	1.835	9.9	19.2
9 8	23 36.58	− 7 48.7	0.818	1.821	4.3	18.8
9 18	23 28.17	− 8 21.3	0.809	1.810	4.1	18.8
9 28	23 20.21	− 8 41.8	0.820	1.800	9.9	19.1
10 8	23 14.33	− 8 42.9	0.852	1.792	15.7	19.4
10 18	23 11.60	− 8 21.7	0.901	1.787	20.7	19.7

406987 2009 RB_{16} 9 14.8 279°.85 1°.2/16.3 18

8 9	23 49.92	+ 4 24.0	2.353	3.170	12.6	21.6
8 19	23 46.52	+ 3 47.1	2.264	3.164	9.9	21.4
8 29	23 41.53	+ 2 55.4	2.197	3.158	6.7	21.2
9 8	23 35.41	+ 1 51.6	2.156	3.153	3.3	21.0
9 18	23 28.77	+ 0 40.3	2.144	3.147	1.4	20.8
9 28	23 22.33	− 0 33.0	2.160	3.141	4.5	21.1
10 8	23 16.79	− 1 42.3	2.205	3.135	7.9	21.3
10 18	23 12.70	− 2 42.5	2.274	3.130	11.0	21.4

133388 2003 SP_{159} 9 14.8 185°.30 6°.2/21.2 18

8 9	23 56.52	+16 17.0	2.122	2.870	15.9	20.0
8 19	23 51.83	+16 45.0	2.033	2.870	13.5	19.8
8 29	23 45.12	+16 52.5	1.964	2.870	10.8	19.6
9 8	23 36.94	+16 38.3	1.918	2.870	8.1	19.5
9 18	23 28.03	+16 3.1	1.897	2.868	6.3	19.4
9 28	23 19.35	+15 10.8	1.904	2.867	6.8	19.4
10 8	23 11.81	+14 7.7	1.937	2.865	9.0	19.5
10 18	23 6.11	+13 0.8	1.995	2.863	11.8	19.7

401279 2012 CD_{45} 9 14.8 329°.24 2°.4/11.7 18

8 9	23 49.42	− 5 36.1	2.143	3.000	12.3	20.4
8 19	23 46.27	− 6 56.9	2.067	2.997	9.2	20.2
8 29	23 41.42	− 8 28.1	2.016	2.994	5.8	20.0
9 8	23 35.38	−10 3.6	1.991	2.991	2.8	19.8
9 18	23 28.80	−11 36.1	1.995	2.989	3.4	19.8
9 28	23 22.46	−12 58.4	2.027	2.986	6.7	20.0
10 8	23 17.13	−14 4.9	2.085	2.984	10.0	20.2
10 18	23 13.37	−14 52.3	2.167	2.981	13.0	20.4

277283 2005 SZ_{78} 9 14.8 299°.48 2°.0/13.2 18

8 9	23 55.39	− 5 25.1	1.472	2.338	16.3	21.4
8 19	23 51.80	− 5 56.4	1.385	2.318	12.6	21.1
8 29	23 45.55	− 6 40.3	1.319	2.298	8.1	20.8
9 8	23 37.25	− 7 31.1	1.277	2.279	3.4	20.5
9 18	23 27.86	− 8 21.6	1.259	2.259	3.3	20.4
9 28	23 18.68	− 9 3.4	1.268	2.240	8.2	20.6
10 8	23 11.00	− 9 30.0	1.300	2.221	13.0	20.9
10 18	23 5.79	− 9 37.6	1.352	2.203	17.3	21.1

318254 2004 RW_{328} 9 14.8 16°.64 0°.3/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 56.48	− 2 35.7	1.679	2.528	15.4	19.9
8 19	23 51.97	− 2 22.1	1.612	2.534	11.9	19.7
8 29	23 45.24	− 2 18.5	1.567	2.540	7.8	19.5
9 8	23 36.96	− 2 21.9	1.546	2.547	3.3	19.2
9 18	23 28.06	− 2 28.9	1.552	2.555	1.4	19.1
9 28	23 19.63	− 2 34.8	1.584	2.564	6.0	19.4
10 8	23 12.65	− 2 35.6	1.642	2.574	10.1	19.7
10 18	23 7.82	− 2 28.5	1.724	2.584	13.7	19.9

91110 1998 HF_{45} 9 14.8 247°.51 0°.2/14.6 18

8 9	23 57.56	− 2 1.5	1.999	2.834	13.9	19.5
8 19	23 52.71	− 2 17.5	1.905	2.820	10.7	19.2
8 29	23 45.76	− 2 44.6	1.834	2.805	7.0	19.0
9 8	23 37.23	− 3 19.4	1.789	2.790	2.9	18.7
9 18	23 27.90	− 3 57.5	1.771	2.774	1.5	18.6
9 28	23 18.75	− 4 33.4	1.782	2.758	5.9	18.8
10 8	23 10.76	− 5 1.9	1.820	2.742	9.9	19.0
10 18	23 4.67	− 5 19.5	1.882	2.725	13.5	19.2

157937 1999 WT_{25} 9 14.8 267°.30 0°.4/15.3 18

8 9	23 52.19	+ 0 44.1	2.412	3.238	12.1	21.6
8 19	23 48.26	+ 0 19.2	2.314	3.223	9.4	21.4
8 29	23 42.69	− 0 17.4	2.240	3.207	6.2	21.2
9 8	23 35.92	− 1 2.8	2.192	3.191	2.7	20.9
9 18	23 28.55	− 1 53.3	2.172	3.175	1.1	20.8
9 28	23 21.32	− 2 43.9	2.181	3.159	4.7	21.0
10 8	23 14.97	− 3 29.7	2.218	3.143	8.2	21.2
10 18	23 10.09	− 4 6.7	2.280	3.127	11.3	21.4

382029 2011 CJ_{17} 9 14.8 293°.25 0°.7/15.3 18

8 9	23 58.47	− 0 44.2	1.479	2.328	17.2	20.6
8 19	23 54.06	− 0 38.4	1.398	2.318	13.5	20.3
8 29	23 46.96	− 0 46.5	1.336	2.308	9.0	20.0
9 8	23 37.81	− 1 5.7	1.298	2.298	3.9	19.7
9 18	23 27.64	− 1 31.2	1.285	2.288	1.6	19.6
9 28	23 17.78	− 1 57.1	1.298	2.279	6.8	19.9
10 8	23 9.51	− 2 17.0	1.336	2.269	11.7	20.1
10 18	23 3.76	− 2 26.3	1.396	2.260	16.0	20.4

454210 2013 HB_{47} 9 14.8 246°.09 4°.1/19.7 18

8 9	23 51.70	+12 27.0	2.306	3.080	14.1	21.7
8 19	23 47.97	+12 21.5	2.212	3.074	11.7	21.5
8 29	23 42.54	+11 57.4	2.139	3.069	8.8	21.3
9 8	23 35.87	+11 15.2	2.091	3.063	6.0	21.1
9 18	23 28.61	+10 17.4	2.069	3.057	4.1	21.0
9 28	23 21.53	+ 9 8.7	2.075	3.051	5.2	21.0
10 8	23 15.41	+ 7 55.4	2.109	3.045	7.9	21.2
10 18	23 10.84	+ 6 44.0	2.168	3.039	10.8	21.4

93679 2000 VO_{11} 9 14.8 53°.88 7°.6/ 9.5 17

8 9	0 1.85	−19 39.5	1.403	2.278	16.5	17.9
8 19	23 56.24	−20 33.7	1.368	2.299	12.8	17.7
8 29	23 47.96	−21 22.9	1.354	2.320	9.4	17.6
9 8	23 38.02	−21 57.8	1.363	2.342	7.6	17.6
9 18	23 27.68	−22 11.2	1.397	2.364	8.6	17.7
9 28	23 18.29	−21 59.4	1.455	2.386	11.4	17.9
10 8	23 10.94	−21 23.2	1.536	2.408	14.6	18.2
10 18	23 6.26	−20 26.0	1.637	2.431	17.4	18.4

306877 2001 TT_{5} 9 14.8 335°.90 4°.2/11.3 18

8 9	23 52.57	− 8 49.9	1.320	2.204	16.7	19.9
8 19	23 49.71	− 9 53.8	1.252	2.195	12.7	19.6
8 29	23 44.18	−11 9.0	1.206	2.188	8.3	19.4
9 8	23 36.67	−12 26.3	1.182	2.181	4.6	19.2
9 18	23 28.23	−13 35.6	1.182	2.174	5.6	19.2
9 28	23 20.23	−14 27.3	1.206	2.169	9.9	19.4
10 8	23 13.92	−14 55.1	1.253	2.164	14.4	19.7
10 18	23 10.15	−14 57.3	1.320	2.159	18.3	19.9

512022 2015 LB_{42} 9 14.8 37°.23 6°.8/ 8.1 18

8 9	23 52.72	−15 42.7	1.519	2.403	14.9	20.7
8 19	23 49.35	−17 22.8	1.472	2.412	11.5	20.6
8 29	23 43.65	−19 4.7	1.448	2.421	8.3	20.4
9 8	23 36.34	−20 37.7	1.448	2.431	6.8	20.3
9 18	23 28.43	−21 51.8	1.473	2.441	8.2	20.5
9 28	23 21.08	−22 40.0	1.523	2.451	11.2	20.7
10 8	23 15.31	−22 59.6	1.595	2.462	14.4	20.9
10 18	23 11.78	−22 51.8	1.686	2.474	17.2	21.1

252155 2001 BT_{46} 9 14.8 262°.19 0°.1/14.7 18

8 9	23 50.37	+ 0 39.9	2.324	3.155	12.3	20.5
8 19	23 46.91	− 0 11.8	2.233	3.146	9.5	20.3
8 29	23 41.83	− 1 17.1	2.167	3.137	6.2	20.0
9 8	23 35.58	− 2 31.9	2.126	3.127	2.5	19.8
9 18	23 28.78	− 3 51.0	2.114	3.118	1.3	19.7
9 28	23 22.16	− 5 8.1	2.132	3.108	5.0	19.9
10 8	23 16.45	− 6 17.3	2.177	3.098	8.5	20.1
10 18	23 12.21	− 7 14.1	2.247	3.088	11.6	20.3

288054 2003 UW_{299} 9 14.8 248°.83 11°.6/ 3.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	0 4.75	−35 26.3	1.905	2.741	14.4	20.2
8 19	23 58.42	−36 41.0	1.857	2.736	12.8	20.1
8 29	23 49.45	−37 40.1	1.831	2.731	11.8	20.0
9 8	23 38.70	−38 14.3	1.828	2.727	11.7	20.0
9 18	23 27.34	−38 17.2	1.848	2.722	12.7	20.1
9 28	23 16.71	−37 46.1	1.891	2.717	14.4	20.2
10 8	23 7.96	−36 43.5	1.953	2.712	16.2	20.3
10 18	23 1.81	−35 14.5	2.034	2.707	18.0	20.4

73408 2002 LH_{26} 9 14.8 115°.22 2°.4/12.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 57.50	− 5 21.1	1.522	2.382	16.2	19.4
8 19	23 52.95	− 6 17.9	1.462	2.392	12.2	19.2
8 29	23 45.98	− 7 26.6	1.424	2.402	7.8	18.9
9 8	23 37.31	− 8 39.8	1.410	2.411	3.4	18.7
9 18	23 27.99	− 9 49.1	1.423	2.421	3.6	18.7
9 28	23 19.22	−10 46.3	1.462	2.430	7.9	19.0
10 8	23 12.09	−11 25.5	1.526	2.438	12.1	19.3
10 18	23 7.31	−11 44.4	1.612	2.447	15.7	19.5

83542 2001 SP_{166} 9 14.8 268°.52 0°.2/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 53.00	+ 0 4.1	2.012	2.849	13.7	20.2
8 19	23 49.11	− 0 25.4	1.931	2.846	10.6	20.0
8 29	23 43.34	− 1 8.0	1.873	2.843	6.9	19.7
9 8	23 36.22	− 2 0.0	1.840	2.840	2.9	19.5
9 18	23 28.49	− 2 56.4	1.834	2.837	1.3	19.4
9 28	23 21.03	− 3 51.2	1.856	2.834	5.4	19.6
10 8	23 14.69	− 4 38.6	1.905	2.831	9.3	19.9
10 18	23 10.10	− 5 14.4	1.978	2.828	12.6	20.1

314558 2005 YT_{160} 9 14.8 177°.21 2°.5/11.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 51.46	− 7 54.7	2.336	3.191	11.5	20.7
8 19	23 47.65	− 8 53.6	2.263	3.191	8.6	20.5
8 29	23 42.25	− 9 59.3	2.214	3.191	5.5	20.3
9 8	23 35.73	−11 6.5	2.193	3.192	2.8	20.1
9 18	23 28.74	−12 9.6	2.199	3.192	3.4	20.2
9 28	23 22.00	−13 3.1	2.234	3.192	6.3	20.4
10 8	23 16.23	−13 43.0	2.296	3.192	9.4	20.5
10 18	23 11.97	−14 7.1	2.381	3.191	12.1	20.7

464206 2015 BE_{116} 9 14.8 257°.70 1°.3/16.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 48.72	+ 4 43.7	3.557	4.354	9.1	22.5
8 19	23 45.10	+ 4 26.3	3.451	4.339	7.2	22.3
8 29	23 40.41	+ 3 59.5	3.370	4.323	5.0	22.1
9 8	23 34.94	+ 3 24.7	3.315	4.307	2.7	22.0
9 18	23 29.11	+ 2 44.2	3.290	4.291	1.3	21.8
9 28	23 23.36	+ 2 0.9	3.295	4.275	3.2	22.0
10 8	23 18.17	+ 1 18.1	3.330	4.259	5.6	22.1
10 18	23 13.92	+ 0 38.9	3.391	4.243	7.8	22.2

427520 2002 GT_{134} 9 14.8 68°.14 0°.6/14.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 58.73	− 3 2.1	1.625	2.473	15.9	21.1
8 19	23 53.59	− 3 19.3	1.572	2.494	12.1	20.9
8 29	23 46.21	− 3 47.6	1.541	2.515	7.7	20.7
9 8	23 37.35	− 4 22.4	1.534	2.536	3.1	20.5
9 18	23 28.01	− 4 58.0	1.554	2.557	1.9	20.4
9 28	23 19.30	− 5 28.4	1.602	2.578	6.4	20.8
10 8	23 12.19	− 5 49.0	1.675	2.599	10.4	21.1
10 18	23 7.30	− 5 57.1	1.771	2.620	13.9	21.3

291720 2006 JT_{28} 9 14.8 68°.22 2°.5/12.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 56.97	− 5 8.6	1.286	2.157	17.9	20.7
8 19	23 52.96	− 5 58.9	1.229	2.164	13.6	20.5
8 29	23 46.18	− 7 2.9	1.192	2.172	8.6	20.3
9 8	23 37.45	− 8 12.6	1.178	2.180	3.7	20.0
9 18	23 27.94	− 9 18.6	1.188	2.187	3.8	20.0
9 28	23 19.08	−10 11.6	1.224	2.195	8.6	20.3
10 8	23 12.08	−10 45.3	1.283	2.203	13.3	20.6
10 18	23 7.75	−10 57.2	1.363	2.211	17.3	20.9

449300 2013 EZ_{111} 9 14.8 91°.89 4°.2/10.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 56.01	−15 3.1	2.268	3.126	11.6	21.4
8 19	23 51.04	−15 46.6	2.211	3.138	8.9	21.2
8 29	23 44.37	−16 30.4	2.178	3.149	6.1	21.1
9 8	23 36.57	−17 9.2	2.172	3.160	4.3	21.0
9 18	23 28.37	−17 37.9	2.194	3.172	5.0	21.0
9 28	23 20.60	−17 52.8	2.244	3.183	7.5	21.2
10 8	23 13.98	−17 51.9	2.319	3.194	10.2	21.4
10 18	23 9.04	−17 35.3	2.418	3.205	12.6	21.6

389331 2009 SL_{281} 9 14.8 252°.62 1°.2/12.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 46.08	− 8 12.6	4.478	5.320	6.6	21.2
8 19	23 42.85	− 8 41.5	4.395	5.316	5.0	21.1
8 29	23 38.83	− 9 13.2	4.338	5.312	3.2	20.9
9 8	23 34.27	− 9 45.5	4.309	5.309	1.5	20.8
9 18	23 29.47	−10 16.3	4.310	5.305	1.7	20.8
9 28	23 24.78	−10 43.2	4.341	5.301	3.4	20.9
10 8	23 20.54	−11 4.3	4.401	5.297	5.2	21.1
10 18	23 17.04	−11 18.5	4.486	5.293	6.9	21.2

392720 2012 MD_{15} 9 14.8 289°.99 13°.9/30.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 50.86	−20 16.6	0.971	1.883	18.9	19.9
8 19	23 49.55	−24 41.0	0.928	1.875	15.6	19.7
8 29	23 44.72	−29 9.3	0.908	1.867	13.9	19.5
9 8	23 37.10	−33 12.5	0.911	1.860	14.9	19.6
9 18	23 28.08	−36 25.4	0.936	1.852	18.0	19.7
9 28	23 19.57	−38 33.5	0.979	1.845	21.6	19.9
10 8	23 13.37	−39 35.8	1.038	1.838	25.0	20.2
10 18	23 10.63	−39 40.1	1.108	1.831	27.8	20.4

385839 2006 HS_{103} 9 14.8 125°.10 3°.1/11.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 53.94	− 7 50.2	2.018	2.874	12.9	21.0
8 19	23 49.71	− 9 10.1	1.956	2.885	9.7	20.8
8 29	23 43.65	−10 38.0	1.919	2.896	6.2	20.6
9 8	23 36.33	−12 6.8	1.908	2.906	3.4	20.4
9 18	23 28.51	−13 29.1	1.926	2.916	4.1	20.5
9 28	23 21.08	−14 38.0	1.972	2.926	7.3	20.7
10 8	23 14.83	−15 29.0	2.044	2.935	10.6	21.0
10 18	23 10.35	−16 0.1	2.139	2.944	13.4	21.2

439576 2014 DX_{99} 9 14.8 91°.33 2°.2/17.0 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 56.99	+ 5 24.4	1.993	2.802	14.9	21.1
8 19	23 51.96	+ 5 16.7	1.931	2.824	11.7	20.9
8 29	23 45.05	+ 4 53.4	1.890	2.845	8.1	20.7
9 8	23 36.89	+ 4 16.8	1.875	2.866	4.4	20.5
9 18	23 28.27	+ 3 31.0	1.887	2.887	2.3	20.4
9 28	23 20.11	+ 2 41.5	1.927	2.908	5.0	20.7
10 8	23 13.23	+ 1 54.1	1.995	2.928	8.5	20.9
10 18	23 8.20	+ 1 13.5	2.087	2.947	11.7	21.2

392606 2011 SZ_{245} 9 14.8 46°.11 3°.1/18.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 51.09	+ 9 26.9	1.667	2.481	17.1	20.7
8 19	23 47.93	+ 8 55.6	1.601	2.493	13.7	20.5
8 29	23 42.68	+ 8 0.7	1.554	2.506	9.8	20.3
9 8	23 35.98	+ 6 45.4	1.530	2.519	5.7	20.1
9 18	23 28.70	+ 5 15.5	1.533	2.532	3.1	20.0
9 28	23 21.84	+ 3 39.6	1.562	2.545	5.6	20.1
10 8	23 16.34	+ 2 7.0	1.617	2.559	9.4	20.4
10 18	23 12.83	+ 0 45.6	1.697	2.573	13.1	20.7

320965 2008 HU_{34} 9 14.8 42°.03 6°.9/ 6.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 52.15	−20 24.1	2.037	2.909	12.2	20.4
8 19	23 48.46	−21 59.2	1.987	2.915	9.6	20.2
8 29	23 42.89	−23 31.9	1.961	2.921	7.6	20.1
9 8	23 36.04	−24 53.8	1.961	2.927	6.9	20.1
9 18	23 28.68	−25 57.8	1.988	2.933	8.1	20.2
9 28	23 21.72	−26 38.7	2.039	2.939	10.3	20.3
10 8	23 15.96	−26 54.8	2.114	2.945	12.7	20.5
10 18	23 12.01	−26 46.9	2.208	2.952	14.9	20.7

427581 2003 QB_{92} 9 14.8 162°.99 0°.1/13.6 14 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 33.85	− 5 50.2	37.212	38.045	0.9	23.8
8 19	23 33.17	− 5 55.0	37.129	38.045	0.7	23.8
8 29	23 32.42	− 6 0.2	37.073	38.046	0.4	23.7
9 8	23 31.62	− 6 5.6	37.045	38.047	0.2	23.7
9 18	23 30.80	− 6 11.0	37.046	38.047	0.1	23.7
9 28	23 29.99	− 6 16.1	37.078	38.048	0.4	23.7
10 8	23 29.21	− 6 20.9	37.138	38.049	0.6	23.8
10 18	23 28.51	− 6 25.0	37.225	38.049	0.9	23.8

211075 2002 CY_{244} 9 14.8 324°.33 1°.8/13.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 58.70	− 6 11.6	1.153	2.031	19.1	19.5
8 19	23 54.93	− 6 11.3	1.080	2.018	14.8	19.2
8 29	23 47.90	− 6 21.8	1.026	2.007	9.6	18.9
9 8	23 38.35	− 6 37.6	0.993	1.996	4.0	18.6
9 18	23 27.54	− 6 52.1	0.984	1.986	3.2	18.5
9 28	23 17.17	− 6 58.1	0.998	1.976	8.9	18.8
10 8	23 8.83	− 6 50.1	1.034	1.967	14.4	19.1
10 18	23 3.60	− 6 25.7	1.090	1.959	19.2	19.3

35002 1978 VY_{8} 9 14.8 358°.97 4°.9/20.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 51.72	+13 57.0	2.182	2.952	14.9	17.8
8 19	23 48.09	+14 3.7	2.095	2.951	12.5	17.6
8 29	23 42.68	+13 50.7	2.029	2.951	9.6	17.4
9 8	23 35.99	+13 18.2	1.986	2.951	6.8	17.2
9 18	23 28.70	+12 28.0	1.968	2.951	5.0	17.1
9 28	23 21.64	+11 24.9	1.978	2.951	5.7	17.2
10 8	23 15.60	+10 15.2	2.015	2.951	8.2	17.3
10 18	23 11.22	+ 9 5.6	2.077	2.952	11.1	17.5

40711 1999 RU_{245} 9 14.8 329°.00 2°.8/12.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 54.14	− 7 35.1	1.393	2.269	16.5	18.7
8 19	23 50.90	− 8 2.0	1.315	2.254	12.6	18.4
8 29	23 45.00	− 8 38.8	1.258	2.239	8.2	18.1
9 8	23 37.08	− 9 19.2	1.224	2.225	3.8	17.8
9 18	23 28.16	− 9 55.9	1.214	2.212	4.0	17.8
9 28	23 19.57	−10 21.1	1.229	2.200	8.6	18.0
10 8	23 12.58	−10 29.6	1.267	2.188	13.3	18.3
10 18	23 8.10	−10 18.8	1.325	2.178	17.4	18.5

264338 1999 VZ_{151} 9 14.8 296°.84 0°.5/14.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 51.93	− 1 58.8	2.116	2.959	12.9	21.6
8 19	23 48.34	− 2 30.2	2.021	2.940	10.0	21.4
8 29	23 42.91	− 3 13.2	1.948	2.922	6.5	21.2
9 8	23 36.12	− 4 4.2	1.901	2.903	2.6	20.9
9 18	23 28.63	− 4 58.4	1.882	2.884	1.6	20.8
9 28	23 21.29	− 5 49.7	1.890	2.866	5.6	21.0
10 8	23 14.93	− 6 32.9	1.926	2.848	9.4	21.2
10 18	23 10.23	− 7 3.8	1.985	2.830	12.8	21.4

476863 2008 UY_{354} 9 14.8 355°.64 2°.0/16.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 51.87	+ 3 14.5	1.342	2.196	18.3	20.9
8 19	23 49.12	+ 3 12.0	1.271	2.192	14.5	20.6
8 29	23 43.80	+ 2 49.5	1.219	2.189	9.9	20.4
9 8	23 36.56	+ 2 9.6	1.189	2.186	5.0	20.1
9 18	23 28.43	+ 1 17.9	1.182	2.185	2.2	19.9
9 28	23 20.70	+ 0 22.3	1.200	2.185	6.6	20.2
10 8	23 14.58	− 0 28.3	1.242	2.185	11.5	20.5
10 18	23 10.92	− 1 7.3	1.305	2.187	15.8	20.7

340427 2006 FZ_{29} 9 14.8 286°.76 3°.9/18.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 51.19	+11 29.5	1.777	2.576	16.8	21.0
8 19	23 48.23	+11 4.7	1.675	2.557	13.8	20.8
8 29	23 43.09	+10 14.4	1.594	2.537	10.3	20.5
9 8	23 36.28	+ 8 59.3	1.535	2.517	6.5	20.2
9 18	23 28.55	+ 7 23.3	1.501	2.497	4.0	20.0
9 28	23 20.94	+ 5 34.2	1.495	2.478	5.9	20.1
10 8	23 14.49	+ 3 42.2	1.516	2.458	9.9	20.3
10 18	23 10.04	+ 1 57.3	1.561	2.438	13.9	20.5

71479 2000 BL_{26} 9 14.8 177°.45 0°.1/14.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 52.16	− 1 12.0	2.802	3.627	10.6	20.3
8 19	23 47.92	− 1 40.2	2.719	3.628	8.1	20.1
8 29	23 42.33	− 2 17.1	2.660	3.629	5.3	20.0
9 8	23 35.79	− 2 59.7	2.629	3.630	2.1	19.7
9 18	23 28.84	− 3 44.5	2.627	3.630	1.1	19.7
9 28	23 22.09	− 4 27.4	2.655	3.630	4.2	19.9
10 8	23 16.15	− 5 4.8	2.711	3.630	7.2	20.1
10 18	23 11.47	− 5 33.8	2.793	3.629	9.8	20.3

485242 2010 VD_{89} 9 14.8 310°.15 5°.5/ 9.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 55.52	−17 21.8	2.001	2.868	12.6	20.7
8 19	23 51.15	−18 10.1	1.927	2.856	9.8	20.5
8 29	23 44.73	−18 58.4	1.875	2.844	7.1	20.4
9 8	23 36.86	−19 39.8	1.849	2.832	5.5	20.2
9 18	23 28.32	−20 8.1	1.850	2.820	6.5	20.3
9 28	23 20.11	−20 18.6	1.876	2.809	9.2	20.4
10 8	23 13.13	−20 8.9	1.928	2.798	12.1	20.6
10 18	23 8.07	−19 39.5	2.000	2.787	14.9	20.8

261222 2005 UF_{26} 9 14.8 246°.67 2°.4/17.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 51.80	+ 7 22.1	2.324	3.124	13.3	21.7
8 19	23 48.03	+ 7 4.6	2.231	3.118	10.6	21.5
8 29	23 42.59	+ 6 31.2	2.161	3.111	7.6	21.3
9 8	23 35.96	+ 5 43.6	2.116	3.104	4.4	21.1
9 18	23 28.74	+ 4 45.2	2.098	3.097	2.4	20.9
9 28	23 21.72	+ 3 40.9	2.109	3.090	4.6	21.1
10 8	23 15.62	+ 2 36.8	2.148	3.083	7.9	21.3
10 18	23 11.04	+ 1 38.2	2.212	3.075	10.9	21.4

22557 1998 FF_{140} 9 14.8 39°.54 3°.2/16.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	0 0.17	+ 3 15.4	1.033	1.892	22.2	17.7
8 19	23 55.69	+ 3 49.2	0.993	1.915	17.4	17.5
8 29	23 48.01	+ 4 0.8	0.969	1.938	12.0	17.3
9 8	23 38.21	+ 3 52.5	0.966	1.962	6.3	17.1
9 18	23 27.76	+ 3 29.3	0.986	1.987	3.3	17.0
9 28	23 18.33	+ 2 59.1	1.029	2.013	7.4	17.3
10 8	23 11.26	+ 2 30.5	1.094	2.040	12.4	17.7
10 18	23 7.29	+ 2 10.3	1.180	2.067	16.7	18.0

505769 2015 BG_{238} 9 14.8 262°.13 5°.4/19.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 55.80	+11 16.4	1.478	2.285	19.2	21.7
8 19	23 52.09	+11 31.5	1.396	2.280	15.9	21.5
8 29	23 45.74	+11 21.7	1.333	2.275	12.0	21.2
9 8	23 37.40	+10 46.3	1.291	2.270	8.0	21.0
9 18	23 28.05	+ 9 48.0	1.274	2.266	5.4	20.8
9 28	23 19.00	+ 8 33.8	1.281	2.261	7.1	20.9
10 8	23 11.50	+ 7 13.6	1.313	2.256	11.1	21.1
10 18	23 6.48	+ 5 57.4	1.368	2.251	15.1	21.4

289432 2005 EW_{25} 9 14.8 110°.37 0°.7/15.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 57.73	+ 0 22.5	2.096	2.920	13.7	21.3
8 19	23 52.49	+ 0 12.2	2.028	2.935	10.6	21.1
8 29	23 45.40	− 0 9.4	1.984	2.950	7.0	21.0
9 8	23 37.07	− 0 39.5	1.965	2.964	3.1	20.7
9 18	23 28.26	− 1 13.9	1.975	2.979	1.2	20.6
9 28	23 19.87	− 1 48.0	2.014	2.992	5.0	20.9
10 8	23 12.69	− 2 17.1	2.080	3.006	8.6	21.2
10 18	23 7.31	− 2 37.8	2.171	3.019	11.7	21.4

121683 1999 XF_{60} 9 14.8 321°.73 1°.8/13.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 51.75	− 5 30.9	1.912	2.770	13.5	19.9
8 19	23 48.35	− 6 7.3	1.827	2.757	10.3	19.7
8 29	23 42.98	− 6 53.5	1.766	2.743	6.6	19.4
9 8	23 36.17	− 7 44.7	1.729	2.731	2.8	19.2
9 18	23 28.66	− 8 35.0	1.719	2.718	2.8	19.1
9 28	23 21.38	− 9 18.1	1.736	2.706	6.6	19.4
10 8	23 15.22	− 9 48.9	1.779	2.695	10.5	19.6
10 18	23 10.89	−10 4.4	1.844	2.684	13.9	19.8

98920 2001 BX_{74} 9 14.8 227°.65 1°.6/13.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 59.92	− 6 53.3	2.077	2.918	13.2	19.8
8 19	23 54.39	− 7 6.1	1.991	2.911	10.1	19.6
8 29	23 46.79	− 7 25.2	1.929	2.903	6.5	19.3
9 8	23 37.72	− 7 46.6	1.893	2.894	2.8	19.1
9 18	23 27.94	− 8 6.1	1.886	2.885	2.5	19.1
9 28	23 18.45	− 8 19.1	1.907	2.876	6.2	19.3
10 8	23 10.17	− 8 22.2	1.956	2.867	10.0	19.5
10 18	23 3.79	− 8 13.6	2.029	2.857	13.2	19.7

266173 2006 UR_{269} 9 14.8 317°.92 5°.6/18.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 52.32	+ 9 40.1	1.281	2.113	20.3	20.4
8 19	23 49.92	+10 9.8	1.194	2.094	16.9	20.1
8 29	23 44.65	+10 14.6	1.123	2.075	12.7	19.8
9 8	23 37.07	+ 9 52.7	1.073	2.056	8.4	19.5
9 18	23 28.19	+ 9 5.8	1.044	2.039	5.7	19.3
9 28	23 19.42	+ 8 0.3	1.039	2.022	7.8	19.4
10 8	23 12.27	+ 6 46.8	1.057	2.006	12.4	19.6
10 18	23 7.84	+ 5 36.4	1.096	1.991	17.1	19.8

331250 2011 CA_{2} 9 14.8 284°.95 0°.9/13.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 51.61	− 2 56.1	2.383	3.223	11.8	20.9
8 19	23 47.94	− 3 38.9	2.280	3.199	9.0	20.7
8 29	23 42.60	− 4 32.4	2.200	3.174	5.8	20.5
9 8	23 36.00	− 5 33.0	2.146	3.148	2.3	20.2
9 18	23 28.74	− 6 35.7	2.122	3.123	1.9	20.1
9 28	23 21.57	− 7 34.9	2.126	3.097	5.5	20.3
10 8	23 15.24	− 8 25.3	2.157	3.071	9.0	20.5
10 18	23 10.38	− 9 3.2	2.213	3.045	12.1	20.7

362538 2010 UY_{34} 9 14.8 283°.02 1°.6/13.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 56.05	− 6 48.4	2.163	3.010	12.5	20.7
8 19	23 51.37	− 7 4.5	2.078	3.000	9.6	20.5
8 29	23 44.81	− 7 27.0	2.016	2.991	6.1	20.3
9 8	23 36.90	− 7 52.1	1.981	2.982	2.6	20.0
9 18	23 28.37	− 8 15.3	1.973	2.973	2.5	20.0
9 28	23 20.08	− 8 32.4	1.994	2.963	6.0	20.2
10 8	23 12.89	− 8 39.8	2.042	2.954	9.5	20.4
10 18	23 7.42	− 8 35.5	2.114	2.945	12.6	20.6

84301 2002 TA_{39} 9 14.8 273°.42 2°.7/12.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 58.21	− 7 35.7	1.600	2.461	15.5	20.0
8 19	23 53.79	− 8 9.2	1.514	2.445	11.9	19.8
8 29	23 46.79	− 8 52.1	1.450	2.428	7.7	19.5
9 8	23 37.84	− 9 38.5	1.411	2.412	3.6	19.2
9 18	23 27.90	−10 21.3	1.397	2.395	3.9	19.2
9 28	23 18.20	−10 53.3	1.411	2.378	8.2	19.4
10 8	23 9.97	−11 9.2	1.448	2.361	12.6	19.6
10 18	23 4.11	−11 6.5	1.508	2.344	16.6	19.8

210621 2000 EB_{16} 9 14.8 342°.17 1°.4/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 56.73	+ 1 13.7	1.778	2.611	15.4	20.2
8 19	23 52.24	+ 1 21.6	1.699	2.609	12.1	20.0
8 29	23 45.54	+ 1 16.3	1.641	2.607	8.2	19.7
9 8	23 37.25	+ 1 0.1	1.607	2.605	3.9	19.5
9 18	23 28.21	+ 0 36.5	1.600	2.603	1.7	19.3
9 28	23 19.50	+ 0 10.4	1.621	2.602	5.7	19.6
10 8	23 12.11	− 0 12.7	1.667	2.600	9.8	19.8
10 18	23 6.80	− 0 28.5	1.737	2.599	13.5	20.1

513419 2008 TB_{88} 9 14.8 320°.72 0°.3/14.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 49.80	+ 0 16.3	1.408	2.271	17.1	20.9
8 19	23 47.60	− 0 28.2	1.323	2.252	13.3	20.6
8 29	23 42.90	− 1 33.4	1.257	2.234	8.7	20.3
9 8	23 36.28	− 2 54.5	1.214	2.216	3.6	20.0
9 18	23 28.63	− 4 23.4	1.196	2.199	2.0	19.8
9 28	23 21.20	− 5 49.5	1.203	2.183	7.4	20.1
10 8	23 15.20	− 7 2.8	1.234	2.167	12.5	20.4
10 18	23 11.56	− 7 56.1	1.285	2.152	17.0	20.6

100795 1998 FS_{76} 9 14.8 63°.19 5°.4/11.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	0 2.37	−13 15.5	1.261	2.138	17.8	19.5
8 19	23 56.89	−14 3.1	1.222	2.159	13.5	19.3
8 29	23 48.56	−14 53.0	1.204	2.181	9.0	19.1
9 8	23 38.40	−15 35.9	1.209	2.203	5.7	19.0
9 18	23 27.76	−16 3.6	1.238	2.225	6.6	19.1
9 28	23 18.10	−16 10.4	1.293	2.247	10.2	19.4
10 8	23 10.60	−15 54.9	1.370	2.269	14.2	19.7
10 18	23 5.92	−15 19.1	1.467	2.291	17.5	20.0

327162 2005 HJ_5 9 14.8 159°.78 5°.5/ 9.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 59.52	−14 33.3	1.769	2.632	14.1	21.2
8 19	23 54.30	−15 46.7	1.709	2.638	10.8	21.1
8 29	23 46.81	−17 2.7	1.672	2.644	7.5	20.9
9 8	23 37.73	−18 12.9	1.661	2.649	5.5	20.8
9 18	23 28.02	−19 9.2	1.677	2.653	6.6	20.8
9 28	23 18.81	−19 45.3	1.720	2.656	9.6	21.0
10 8	23 11.11	−19 58.5	1.787	2.659	12.9	21.2
10 18	23 5.61	−19 49.2	1.875	2.661	15.8	21.5

256791 2008 CO_{48} 9 14.8 312°.24 1°.6/12.9 18

8 9	23 50.31	− 3 5.2	1.875	2.731	13.8	20.3
8 19	23 47.28	− 4 12.2	1.794	2.722	10.5	20.1
8 29	23 42.30	− 5 33.1	1.736	2.714	6.7	19.9
9 8	23 35.92	− 7 2.0	1.703	2.705	2.7	19.6
9 18	23 28.86	− 8 31.3	1.698	2.697	2.8	19.6
9 28	23 22.04	− 9 52.9	1.720	2.689	6.8	19.8
10 8	23 16.36	−10 59.9	1.768	2.682	10.7	20.1
10 18	23 12.47	−11 48.1	1.839	2.674	14.1	20.3

490727 2010 RH_{140} 9 14.8 7°.29 1°.5/13.9 17

8 9	23 51.72	− 4 29.5	0.884	1.785	21.3	20.6
8 19	23 49.92	− 4 36.6	0.834	1.785	16.4	20.3
8 29	23 44.73	− 4 59.8	0.801	1.787	10.6	20.0
9 8	23 37.05	− 5 32.3	0.787	1.791	4.2	19.7
9 18	23 28.35	− 6 5.2	0.793	1.796	3.1	19.7
9 28	23 20.43	− 6 28.9	0.821	1.803	9.2	20.1
10 8	23 14.82	− 6 36.3	0.868	1.812	14.9	20.4
10 18	23 12.42	− 6 24.1	0.933	1.823	19.8	20.7

321493 2009 SM_{66} 9 14.8 111°.59 1°.5/16.9 18

8 9	23 50.12	+ 5 52.3	2.418	3.227	12.6	20.5
8 19	23 46.63	+ 5 14.2	2.335	3.229	9.9	20.3
8 29	23 41.63	+ 4 20.8	2.274	3.231	6.8	20.1
9 8	23 35.57	+ 3 15.1	2.240	3.233	3.6	19.9
9 18	23 29.04	+ 2 1.3	2.233	3.235	1.6	19.8
9 28	23 22.74	+ 0 44.9	2.256	3.237	4.3	20.0
10 8	23 17.34	− 0 28.1	2.307	3.239	7.5	20.2
10 18	23 13.35	− 1 32.6	2.384	3.241	10.5	20.4

11367 1998 HJ_{115} 9 14.8 353°.29 2°.0/12.8 18

8 9	23 48.31	− 1 3.7	1.429	2.297	16.6	17.2
8 19	23 46.26	− 2 39.2	1.359	2.294	12.6	16.9
8 29	23 41.87	− 4 35.9	1.310	2.291	8.0	16.6
9 8	23 35.79	− 6 45.1	1.286	2.289	3.2	16.4
9 18	23 28.93	− 8 55.0	1.288	2.287	3.4	16.4
9 28	23 22.44	−10 53.1	1.315	2.286	8.2	16.7
10 8	23 17.38	−12 29.0	1.368	2.286	12.8	16.9
10 18	23 14.52	−13 37.4	1.441	2.286	16.7	17.2

140769 2001 UA_{124} 9 14.8 315°.92 6°.2/ 7.9 18

8 9	23 52.01	−16 15.9	1.818	2.694	13.2	19.6
8 19	23 48.69	−17 47.0	1.750	2.686	10.2	19.4
8 29	23 43.27	−19 20.9	1.707	2.677	7.5	19.2
9 8	23 36.32	−20 48.6	1.688	2.669	6.2	19.2
9 18	23 28.69	−22 1.4	1.696	2.661	7.6	19.2
9 28	23 21.37	−22 52.2	1.729	2.653	10.4	19.4
10 8	23 15.32	−23 17.6	1.785	2.645	13.4	19.5
10 18	23 11.24	−23 17.4	1.861	2.638	16.2	19.7

319090 2005 WQ_{140} 9 14.8 355°.35 4°.0/18.8 17

8 9	23 52.72	+ 9 15.4	1.931	2.733	15.5	20.7
8 19	23 49.08	+ 9 31.6	1.848	2.731	12.7	20.5
8 29	23 43.46	+ 9 29.9	1.786	2.729	9.4	20.3
9 8	23 36.40	+ 9 10.7	1.747	2.727	6.1	20.1
9 18	23 28.66	+ 8 36.3	1.733	2.727	4.1	19.9
9 28	23 21.18	+ 7 51.3	1.747	2.726	5.6	20.0
10 8	23 14.85	+ 7 2.1	1.787	2.726	8.9	20.2
10 18	23 10.35	+ 6 15.0	1.851	2.726	12.2	20.4

254438 2005 AN_{28} 9 14.8 84°.15 12°.9/25.9 18

8 9	0 7.82	+26 8.0	1.554	2.248	22.8	20.4
8 19	0 1.39	+28 5.5	1.496	2.271	20.3	20.3
8 29	23 51.84	+29 32.7	1.454	2.294	17.7	20.1
9 8	23 39.96	+30 22.7	1.430	2.316	15.2	20.0
9 18	23 27.01	+30 31.6	1.428	2.338	13.4	20.0
9 28	23 14.61	+30 1.5	1.449	2.360	13.0	20.0
10 8	23 4.24	+29 1.2	1.492	2.381	13.9	20.1
10 18	22 56.89	+27 42.3	1.556	2.402	15.7	20.3

241345 2007 WF_{17} 9 14.8 27°.65 7°.3/ 8.5 18

8 9	23 55.30	−18 24.6	1.490	2.372	15.3	19.8
8 19	23 51.40	−19 37.4	1.444	2.381	11.9	19.6
8 29	23 45.05	−20 48.2	1.420	2.389	8.8	19.5
9 8	23 37.04	−21 47.4	1.419	2.399	7.3	19.4
9 18	23 28.44	−22 26.6	1.443	2.409	8.5	19.5
9 28	23 20.49	−22 40.4	1.491	2.419	11.4	19.7
10 8	23 14.23	−22 27.7	1.561	2.430	14.5	19.9
10 18	23 10.34	−21 50.5	1.650	2.442	17.3	20.1

508769 1995 VU_{17} 9 14.8 278°.09 2°.1/13.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 57.24	− 5 34.6	1.602	2.461	15.6	22.6
8 19	23 53.14	− 6 11.4	1.510	2.438	12.0	22.4
8 29	23 46.47	− 7 0.4	1.438	2.416	7.8	22.1
9 8	23 37.79	− 7 56.3	1.391	2.393	3.4	21.7
9 18	23 28.01	− 8 51.6	1.370	2.370	3.3	21.7
9 28	23 18.36	− 9 38.4	1.376	2.346	8.0	21.9
10 8	23 10.10	−10 10.1	1.406	2.322	12.7	22.1
10 18	23 4.18	−10 23.0	1.458	2.298	16.8	22.3

455111 2015 VD_6 9 14.8 280°.74 2°.1/17.6 18

8 9	23 49.99	+ 8 17.1	2.374	3.173	13.1	21.0
8 19	23 46.73	+ 7 34.5	2.267	3.153	10.5	20.8
8 29	23 41.84	+ 6 33.3	2.182	3.133	7.5	20.6
9 8	23 35.74	+ 5 15.7	2.123	3.112	4.2	20.4
9 18	23 29.00	+ 3 45.6	2.091	3.092	2.1	20.2
9 28	23 22.36	+ 2 9.3	2.090	3.071	4.5	20.3
10 8	23 16.57	+ 0 34.0	2.116	3.051	8.0	20.5
10 18	23 12.23	− 0 53.6	2.169	3.030	11.2	20.7

449817 2014 OS_{372} 9 14.8 292°.31 3°.5/18.4 18

8 9	23 54.40	+ 8 23.3	2.292	3.083	13.7	20.7
8 19	23 50.10	+ 8 42.0	2.198	3.075	11.2	20.5
8 29	23 44.02	+ 8 46.2	2.125	3.067	8.2	20.3
9 8	23 36.63	+ 8 36.2	2.078	3.059	5.3	20.1
9 18	23 28.59	+ 8 13.8	2.057	3.051	3.5	20.0
9 28	23 20.72	+ 7 42.4	2.065	3.043	5.0	20.1
10 8	23 13.81	+ 7 6.8	2.100	3.035	8.0	20.3
10 18	23 8.51	+ 6 32.0	2.161	3.027	11.0	20.5

71886 2000 WH 9 14.8 194°.52 0°.1/14.8 18

8 9	23 57.77	− 0 8.4	1.698	2.537	15.8	19.8
8 19	23 53.16	− 0 40.3	1.619	2.535	12.2	19.6
8 29	23 46.23	− 1 27.6	1.562	2.534	8.0	19.4
9 8	23 37.59	− 2 25.8	1.530	2.531	3.3	19.1
9 18	23 28.17	− 3 28.9	1.525	2.528	1.6	18.9
9 28	23 19.10	− 4 29.2	1.547	2.525	6.4	19.2
10 8	23 11.43	− 5 19.9	1.596	2.521	10.8	19.5
10 18	23 5.94	− 5 56.2	1.667	2.517	14.6	19.7

353693 2011 US_{335} 9 14.8 333°.01 0°.5/15.3 18

8 9	23 52.91	+ 0 42.7	1.705	2.549	15.5	20.9
8 19	23 49.45	+ 0 20.6	1.625	2.544	12.0	20.7
8 29	23 43.82	− 0 17.0	1.567	2.538	8.0	20.5
9 8	23 36.60	− 1 6.3	1.533	2.533	3.5	20.2
9 18	23 28.64	− 2 1.9	1.525	2.529	1.4	20.0
9 28	23 20.97	− 2 56.8	1.544	2.524	6.0	20.3
10 8	23 14.60	− 3 44.3	1.588	2.520	10.3	20.6
10 18	23 10.26	− 4 19.2	1.655	2.517	14.1	20.8

169594 2002 GM_{72} 9 14.8 227°.93 1°.5/13.5 18

8 9	23 56.42	− 2 46.0	1.555	2.410	16.2	20.7
8 19	23 52.37	− 3 37.5	1.477	2.404	12.4	20.5
8 29	23 45.85	− 4 44.6	1.421	2.398	8.0	20.2
9 8	23 37.48	− 6 1.2	1.389	2.391	3.2	19.9
9 18	23 28.22	− 7 19.1	1.383	2.384	2.7	19.9
9 28	23 19.30	− 8 29.3	1.404	2.377	7.5	20.2
10 8	23 11.87	− 9 24.1	1.449	2.369	12.1	20.4
10 18	23 6.76	− 9 59.1	1.517	2.361	16.1	20.6

512038 2015 MR_{67} 9 14.8 24°.49 2°.7/12.4 18

8 9	23 53.48	− 7 1.6	1.657	2.523	14.8	20.7
8 19	23 49.81	− 7 50.0	1.594	2.527	11.2	20.5
8 29	23 43.98	− 8 47.5	1.553	2.532	7.1	20.3
9 8	23 36.63	− 9 47.8	1.536	2.537	3.4	20.1
9 18	23 28.65	−10 43.5	1.546	2.542	3.7	20.1
9 28	23 21.12	−11 27.7	1.582	2.548	7.6	20.4
10 8	23 14.98	−11 55.7	1.642	2.554	11.5	20.6
10 18	23 10.91	−12 5.1	1.725	2.560	14.8	20.9

510355 2011 SQ_{217} 9 14.8 338°.90 0°.3/15.1 18

8 9	23 56.18	− 0 59.1	1.803	2.644	14.9	21.3
8 19	23 51.79	− 1 5.3	1.726	2.642	11.5	21.1
8 29	23 45.26	− 1 23.5	1.670	2.640	7.6	20.9
9 8	23 37.17	− 1 50.6	1.638	2.639	3.2	20.6
9 18	23 28.38	− 2 22.0	1.634	2.637	1.4	20.5
9 28	23 19.93	− 2 52.4	1.657	2.636	5.8	20.8
10 8	23 12.78	− 3 16.6	1.706	2.635	9.9	21.0
10 18	23 7.65	− 3 30.9	1.778	2.634	13.5	21.2

257415 2009 UP_{118} 9 14.8 221°.74 0°.1/14.9 16

8 9	23 45.82	− 1 5.1	4.590	5.408	6.9	21.6
8 19	23 42.69	− 1 26.7	4.501	5.406	5.2	21.5
8 29	23 38.78	− 1 53.6	4.437	5.404	3.4	21.3
9 8	23 34.36	− 2 23.9	4.402	5.402	1.4	21.2
9 18	23 29.71	− 2 55.7	4.397	5.400	0.6	21.1
9 28	23 25.17	− 3 27.0	4.422	5.398	2.6	21.3
10 8	23 21.04	− 3 55.5	4.476	5.396	4.6	21.4
10 18	23 17.62	− 4 19.4	4.558	5.394	6.3	21.5

516008 2015 RN_{253} 9 14.8 26°.17 0°.2/14.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 52.67	− 1 19.6	1.731	2.581	15.0	20.8
8 19	23 49.07	− 1 43.0	1.667	2.590	11.5	20.6
8 29	23 43.44	− 2 19.1	1.624	2.598	7.4	20.4
9 8	23 36.39	− 3 3.7	1.606	2.608	3.0	20.1
9 18	23 28.79	− 3 51.1	1.614	2.618	1.5	20.0
9 28	23 21.60	− 4 35.1	1.649	2.628	5.9	20.4
10 8	23 15.73	− 5 10.1	1.710	2.639	9.9	20.6
10 18	23 11.81	− 5 32.4	1.794	2.651	13.4	20.9

319265 2006 BS_{21} 9 14.8 340°.44 4°.3/ 9.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 50.01	−11 10.1	1.891	2.764	12.9	20.0
8 19	23 47.05	−12 29.5	1.820	2.757	9.8	19.7
8 29	23 42.16	−13 55.6	1.774	2.751	6.6	19.5
9 8	23 35.90	−15 20.9	1.752	2.746	4.4	19.4
9 18	23 29.01	−16 37.2	1.758	2.741	5.5	19.5
9 28	23 22.42	−17 37.6	1.790	2.736	8.6	19.6
10 8	23 16.97	−18 17.4	1.847	2.732	11.8	19.8
10 18	23 13.32	−18 34.9	1.925	2.728	14.8	20.0

438562 2007 TW_{411} 9 14.8 350°.89 1°.9/16.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 59.74	+ 0 37.5	1.592	2.429	16.7	20.5
8 19	23 54.85	+ 1 11.4	1.514	2.425	13.2	20.3
8 29	23 47.42	+ 1 33.2	1.457	2.423	9.0	20.0
9 8	23 38.13	+ 1 44.2	1.423	2.420	4.5	19.8
9 18	23 27.96	+ 1 46.8	1.416	2.419	2.1	19.6
9 28	23 18.17	+ 1 45.0	1.436	2.417	6.2	19.9
10 8	23 9.90	+ 1 43.5	1.481	2.417	10.6	20.1
10 18	23 4.02	+ 1 46.6	1.549	2.416	14.6	20.4

169946 2002 TG_{49} 9 14.8 282°.85 5°.3/20.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 51.57	+15 4.5	2.011	2.781	16.0	19.9
8 19	23 48.31	+15 0.6	1.910	2.765	13.5	19.7
8 29	23 43.07	+14 33.5	1.828	2.750	10.6	19.5
9 8	23 36.32	+13 42.7	1.769	2.735	7.5	19.3
9 18	23 28.79	+12 30.4	1.736	2.720	5.4	19.1
9 28	23 21.39	+11 1.8	1.729	2.704	6.1	19.1
10 8	23 15.05	+ 9 25.1	1.750	2.689	9.0	19.3
10 18	23 10.50	+ 7 49.1	1.795	2.673	12.3	19.4

353422 2011 QU_{23} 9 14.8 273°.68 0°.2/15.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 52.34	+ 1 7.0	1.914	2.752	14.3	21.1
8 19	23 48.84	+ 0 24.9	1.827	2.742	11.1	20.9
8 29	23 43.36	− 0 33.1	1.762	2.732	7.3	20.6
9 8	23 36.42	− 1 43.0	1.721	2.722	3.1	20.4
9 18	23 28.77	− 2 58.8	1.708	2.712	1.3	20.2
9 28	23 21.33	− 4 13.4	1.723	2.702	5.7	20.5
10 8	23 15.02	− 5 19.5	1.765	2.692	9.8	20.7
10 18	23 10.53	− 6 11.8	1.830	2.682	13.4	20.9

3097 Tacitus 9 14.8 59°.14 1°.6/16.6 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 51.78	+ 5 5.4	1.965	2.787	14.6	16.8
8 19	23 48.21	+ 4 33.6	1.893	2.795	11.5	16.6
8 29	23 42.81	+ 3 44.6	1.842	2.803	7.9	16.4
9 8	23 36.13	+ 2 41.9	1.816	2.812	4.0	16.2
9 18	23 28.92	+ 1 30.4	1.817	2.820	1.7	16.1
9 28	23 22.05	+ 0 16.9	1.847	2.829	5.0	16.3
10 8	23 16.31	− 0 51.6	1.903	2.837	8.7	16.6
10 18	23 12.32	− 1 49.9	1.983	2.846	12.0	16.8

276258 2002 RT_{244} 9 14.8 337°.40 2°.2/13.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 50.60	− 4 42.2	1.100	1.989	18.9	20.5
8 19	23 48.80	− 5 16.4	1.029	1.974	14.6	20.2
8 29	23 43.99	− 6 7.3	0.976	1.961	9.4	19.8
9 8	23 36.86	− 7 8.0	0.945	1.948	3.9	19.5
9 18	23 28.55	− 8 8.7	0.935	1.936	3.7	19.4
9 28	23 20.62	− 8 58.7	0.949	1.926	9.3	19.7
10 8	23 14.55	− 9 29.3	0.983	1.917	14.8	20.0
10 18	23 11.36	− 9 36.2	1.036	1.910	19.5	20.3

45651 2000 EK_{60} 9 14.8 332°.12 0°.1/14.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 52.16	− 2 18.1	1.342	2.212	17.4	18.0
8 19	23 49.62	− 2 18.0	1.256	2.189	13.6	17.7
8 29	23 44.38	− 2 32.0	1.188	2.166	9.0	17.4
9 8	23 37.01	− 2 56.5	1.143	2.145	3.8	17.0
9 18	23 28.47	− 3 26.4	1.121	2.125	1.8	16.8
9 28	23 20.11	− 3 54.3	1.124	2.106	7.4	17.1
10 8	23 13.28	− 4 13.2	1.149	2.088	12.7	17.4
10 18	23 9.00	− 4 18.3	1.195	2.072	17.3	17.6

500128 2012 CD_{25} 9 14.8 241°.40 4°.8/18.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 58.25	+ 8 56.0	1.451	2.266	19.2	21.3
8 19	23 54.03	+ 9 20.3	1.372	2.263	15.7	21.0
8 29	23 47.08	+ 9 22.2	1.312	2.260	11.6	20.8
9 8	23 38.06	+ 9 1.5	1.274	2.257	7.4	20.5
9 18	23 28.01	+ 8 20.6	1.259	2.254	4.8	20.4
9 28	23 18.30	+ 7 25.9	1.271	2.251	7.0	20.5
10 8	23 10.21	+ 6 26.4	1.307	2.248	11.2	20.7
10 18	23 4.70	+ 5 30.6	1.366	2.245	15.4	21.0

214622 2006 RC_{79} 9 14.8 233°.90 0°.7/14.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 53.86	− 2 33.2	2.015	2.859	13.5	20.9
8 19	23 49.82	− 3 7.5	1.937	2.857	10.3	20.7
8 29	23 43.88	− 3 52.9	1.881	2.855	6.6	20.5
9 8	23 36.60	− 4 45.3	1.851	2.853	2.6	20.2
9 18	23 28.72	− 5 39.3	1.849	2.851	1.8	20.1
9 28	23 21.12	− 6 28.8	1.875	2.849	5.8	20.4
10 8	23 14.65	− 7 8.7	1.927	2.847	9.5	20.6
10 18	23 9.95	− 7 35.5	2.003	2.845	12.8	20.8

52229 1978 NN 9 14.8 101°.16 15°.0/ 9.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	0 6.79	+45 50.7	2.389	2.859	19.8	18.8
8 19	0 0.67	+47 53.4	2.322	2.874	18.9	18.7
8 29	23 51.55	+49 28.7	2.267	2.889	17.9	18.6
9 8	23 40.00	+50 30.1	2.226	2.904	16.9	18.5
9 18	23 27.06	+50 52.5	2.200	2.918	15.9	18.5
9 28	23 14.22	+50 34.9	2.191	2.933	15.3	18.5
10 8	23 2.96	+49 40.9	2.201	2.947	15.0	18.5
10 18	22 54.44	+48 18.2	2.229	2.960	15.1	18.5

371408 2006 RV_{100} 9 14.8 13°.89 6°.0/10.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 49.07	− 9 57.7	0.932	1.842	19.7	20.0
8 19	23 47.72	−11 22.9	0.890	1.846	14.9	19.7
8 29	23 43.19	−12 59.1	0.866	1.852	9.8	19.5
9 8	23 36.44	−14 32.9	0.862	1.860	6.2	19.3
9 18	23 28.83	−15 50.0	0.879	1.869	7.7	19.4
9 28	23 22.00	−16 39.2	0.917	1.880	12.2	19.7
10 8	23 17.32	−16 55.6	0.975	1.892	16.8	20.0
10 18	23 15.56	−16 40.0	1.050	1.906	20.8	20.3

353721 2011 WR_{1} 9 14.8 215°.37 2°.1/10.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 46.76	−13 33.8	4.509	5.359	6.5	21.0
8 19	23 43.43	−14 8.0	4.433	5.357	4.9	20.9
8 29	23 39.28	−14 43.0	4.383	5.355	3.3	20.8
9 8	23 34.59	−15 16.4	4.362	5.353	2.2	20.7
9 18	23 29.67	−15 45.8	4.371	5.350	2.6	20.7
9 28	23 24.87	−16 9.0	4.409	5.348	4.1	20.8
10 8	23 20.53	−16 24.5	4.474	5.346	5.7	21.0
10 18	23 16.94	−16 31.3	4.565	5.344	7.2	21.1

355504 2007 YS_{27} 9 14.8 32°.39 1°.7/13.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 55.38	− 5 55.0	1.892	2.746	13.8	21.4
8 19	23 51.04	− 6 23.6	1.821	2.747	10.5	21.2
8 29	23 44.69	− 7 0.6	1.773	2.749	6.7	20.9
9 8	23 36.94	− 7 41.2	1.749	2.751	2.8	20.7
9 18	23 28.58	− 8 19.9	1.753	2.753	2.7	20.7
9 28	23 20.59	− 8 51.2	1.785	2.755	6.5	21.0
10 8	23 13.86	− 9 10.9	1.843	2.757	10.2	21.2
10 18	23 9.04	− 9 16.5	1.923	2.760	13.5	21.4

14604 1998 SM_{115} 9 14.8 280°.95 0°.1/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 52.63	− 0 39.2	2.356	3.187	12.2	18.9
8 19	23 48.74	− 1 3.0	2.257	3.169	9.4	18.7
8 29	23 43.16	− 1 37.9	2.181	3.150	6.2	18.5
9 8	23 36.33	− 2 20.8	2.131	3.132	2.6	18.2
9 18	23 28.86	− 3 7.8	2.109	3.113	1.2	18.1
9 28	23 21.51	− 3 53.9	2.117	3.094	4.9	18.3
10 8	23 15.05	− 4 34.2	2.151	3.075	8.5	18.5
10 18	23 10.09	− 5 5.1	2.211	3.056	11.6	18.7

297 Caecilia 9 14.8 20°.14 1°.6/16.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 54.58	+ 2 6.0	1.912	2.742	14.6	13.5
8 19	23 50.41	+ 2 14.3	1.840	2.747	11.5	13.3
8 29	23 44.28	+ 2 9.7	1.788	2.752	7.8	13.1
9 8	23 36.77	+ 1 54.2	1.762	2.758	3.9	12.9
9 18	23 28.68	+ 1 31.1	1.762	2.764	1.8	12.8
9 28	23 20.93	+ 1 5.1	1.790	2.771	5.2	13.0
10 8	23 14.40	+ 0 41.2	1.844	2.779	8.9	13.3
10 18	23 9.73	+ 0 23.4	1.922	2.786	12.3	13.5

488272 2016 TC_{12} 9 14.8 331°.79 4°.9/17.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 58.15	+ 5 35.7	1.404	2.236	18.9	20.1
8 19	23 54.18	+ 6 37.9	1.319	2.221	15.4	19.9
8 29	23 47.36	+ 7 24.6	1.252	2.207	11.3	19.6
9 8	23 38.26	+ 7 54.2	1.207	2.194	7.1	19.3
9 18	23 27.93	+ 8 6.7	1.186	2.181	4.9	19.2
9 28	23 17.78	+ 8 5.1	1.190	2.170	7.4	19.3
10 8	23 9.23	+ 7 55.4	1.218	2.160	11.8	19.5
10 18	23 3.35	+ 7 44.2	1.267	2.150	16.1	19.7

389977 2012 TP_{237} 9 14.8 265°.69 2°.5/12.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 54.13	− 6 4.1	1.749	2.609	14.4	21.0
8 19	23 50.35	− 7 1.2	1.673	2.603	11.0	20.8
8 29	23 44.40	− 8 9.4	1.619	2.597	7.0	20.5
9 8	23 36.88	− 9 22.2	1.591	2.591	3.2	20.3
9 18	23 28.62	−10 32.2	1.589	2.586	3.6	20.3
9 28	23 20.68	−11 31.5	1.614	2.580	7.5	20.5
10 8	23 14.03	−12 14.4	1.665	2.574	11.5	20.8
10 18	23 9.41	−12 37.9	1.737	2.567	15.0	21.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
245535 2005 SV_{281}			9 14.8 299°.81		1°.4/13.3 18	
	h m	° ′			°	m
8 9	23 53.22	− 4 52.3	2.059	2.909	13.0	20.7
8 19	23 49.32	− 5 28.3	1.979	2.903	9.9	20.5
8 29	23 43.57	− 6 13.5	1.922	2.898	6.3	20.3
9 8	23 36.49	− 7 3.5	1.891	2.893	2.6	20.1
9 18	23 28.81	− 7 53.0	1.888	2.888	2.4	20.0
9 28	23 21.40	− 8 36.1	1.912	2.883	6.1	20.3
10 8	23 15.07	− 9 8.2	1.963	2.878	9.7	20.5
10 18	23 10.47	− 9 26.4	2.038	2.873	12.9	20.7
293524 2007 GA_{53}			9 14.8 239°.03		1°.9/17.3 18	
8 9	23 50.82	+ 6 22.7	2.460	3.263	12.5	20.8
8 19	23 47.22	+ 5 54.9	2.369	3.259	10.0	20.6
8 29	23 42.08	+ 5 12.2	2.301	3.255	7.0	20.4
9 8	23 35.86	+ 4 16.7	2.259	3.251	3.8	20.2
9 18	23 29.12	+ 3 12.0	2.245	3.246	1.9	20.0
9 28	23 22.57	+ 2 3.4	2.260	3.242	4.3	20.2
10 8	23 16.88	+ 0 56.6	2.303	3.237	7.5	20.4
10 18	23 12.60	− 0 3.6	2.373	3.232	10.4	20.6
175501 2006 RF_{82}			9 14.8 298°.96		0°.9/15.7 18	
8 9	23 52.66	+ 1 57.8	1.889	2.724	14.6	20.5
8 19	23 49.13	+ 1 34.7	1.801	2.713	11.4	20.2
8 29	23 43.59	+ 0 56.2	1.734	2.702	7.7	20.0
9 8	23 36.56	+ 0 5.4	1.692	2.691	3.5	19.7
9 18	23 28.78	− 0 53.0	1.677	2.680	1.3	19.5
9 28	23 21.22	− 1 52.4	1.689	2.670	5.5	19.8
10 8	23 14.80	− 2 46.2	1.727	2.660	9.6	20.0
10 18	23 10.22	− 3 29.1	1.790	2.649	13.3	20.3
262910 2007 CL_{51}			9 14.8 75°.52		1°.8/16.6 18	
8 9	23 56.20	+ 3 0.8	2.195	3.010	13.5	20.2
8 19	23 51.39	+ 3 9.2	2.119	3.017	10.6	20.0
8 29	23 44.81	+ 3 5.7	2.065	3.024	7.3	19.8
9 8	23 36.98	+ 2 51.9	2.037	3.031	3.8	19.6
9 18	23 28.62	+ 2 30.6	2.037	3.038	1.9	19.5
9 28	23 20.58	+ 2 5.8	2.065	3.046	4.7	19.7
10 8	23 13.63	+ 1 41.9	2.121	3.053	8.1	19.9
10 18	23 8.37	+ 1 22.7	2.202	3.060	11.2	20.1
416760 2005 EQ_{193}			9 14.8 164°.80		0°.2/15.0 17	
8 9	23 59.99	− 0 22.0	1.772	2.605	15.5	22.2
8 19	23 54.72	− 0 42.3	1.698	2.610	12.0	22.0
8 29	23 47.17	− 1 16.1	1.645	2.614	7.9	21.7
9 8	23 38.01	− 1 59.6	1.617	2.618	3.3	21.5
9 18	23 28.14	− 2 47.5	1.617	2.621	1.4	21.3
9 28	23 18.68	− 3 33.3	1.645	2.623	6.0	21.6
10 8	23 10.64	− 4 11.3	1.700	2.625	10.3	21.9
10 18	23 4.75	− 4 37.2	1.778	2.626	13.9	22.1
164758 1998 VN_{37}			9 14.8 304°.97		7°.8/22.5 18	
8 9	23 52.19	+18 43.6	1.807	2.562	18.1	19.3
8 19	23 49.13	+19 15.1	1.708	2.545	15.7	19.0
8 29	23 43.81	+19 21.5	1.627	2.529	12.9	18.8
9 8	23 36.73	+19 0.3	1.567	2.512	10.1	18.6
9 18	23 28.68	+18 11.1	1.529	2.496	8.1	18.5
9 28	23 20.74	+16 57.7	1.517	2.480	8.2	18.4
10 8	23 13.98	+15 28.1	1.530	2.465	10.4	18.5
10 18	23 9.28	+13 52.2	1.566	2.449	13.5	18.7
393592 2003 TG_{49}			9 14.8 271°.87		5°.9/21.1 18	
8 9	23 53.22	+15 53.8	2.003	2.765	16.3	21.1
8 19	23 49.64	+16 2.9	1.901	2.749	13.9	20.9
8 29	23 44.00	+15 49.2	1.817	2.732	11.0	20.7
9 8	23 36.77	+15 11.6	1.756	2.715	8.1	20.5
9 18	23 28.69	+14 11.2	1.719	2.698	6.0	20.3
9 28	23 20.71	+12 52.7	1.710	2.681	6.6	20.3
10 8	23 13.80	+11 23.9	1.727	2.664	9.3	20.4
10 18	23 8.75	+ 9 53.3	1.769	2.646	12.5	20.6
523707 2014 JM_{25}			9 14.8 30°.74		23°.3/ 3.9 18	C
8 9	23 45.94	−30 51.9	0.319	1.283	28.6	20.6
8 19	23 48.01	−33 47.0	0.324	1.295	25.5	20.6
8 29	23 44.19	−35 47.3	0.337	1.310	23.6	20.6
9 8	23 36.84	−36 32.0	0.360	1.327	23.4	20.8
9 18	23 28.92	−35 56.4	0.392	1.347	24.8	21.1
9 28	23 23.22	−34 9.5	0.434	1.369	27.1	21.4
10 8	23 21.26	−31 30.4	0.486	1.392	29.6	21.7
10 18	23 23.26	−28 18.3	0.548	1.417	32.0	22.1
134498 1999 BZ_{7}			9 14.8 259°.27		2°.9/17.7 18	
8 9	23 55.54	+ 6 56.7	2.186	2.985	14.0	20.5
8 19	23 51.15	+ 7 2.5	2.085	2.970	11.3	20.3
8 29	23 44.84	+ 6 53.2	2.006	2.954	8.2	20.0
9 8	23 37.08	+ 6 29.5	1.952	2.939	4.9	19.8
9 18	23 28.56	+ 5 53.8	1.925	2.922	2.9	19.7
9 28	23 20.16	+ 5 10.4	1.926	2.906	5.1	19.8
10 8	23 12.74	+ 4 24.7	1.955	2.889	8.5	19.9
10 18	23 7.03	+ 3 42.3	2.009	2.872	11.9	20.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
503287 2015 VA_{126}			9 14.8 259°.63		2°.6/18.9 17	
	h m	° ′			°	m
8 9	23 51.10	+11 13.6	2.958	3.724	11.5	22.1
8 19	23 47.30	+10 35.1	2.839	3.701	9.4	21.9
8 29	23 42.11	+ 9 39.9	2.742	3.676	6.9	21.7
9 8	23 35.89	+ 8 29.5	2.673	3.652	4.3	21.5
9 18	23 29.13	+ 7 6.5	2.632	3.626	2.6	21.4
9 28	23 22.43	+ 5 35.7	2.622	3.601	4.0	21.4
10 8	23 16.40	+ 4 2.8	2.642	3.574	6.7	21.6
10 18	23 11.56	+ 2 33.4	2.689	3.548	9.4	21.7
364038 2005 WA_{49}			9 14.9 288°.54		3°.6/10.9 18	
8 9	23 54.03	−11 44.8	2.129	2.990	12.2	21.0
8 19	23 49.94	−12 32.1	2.049	2.979	9.3	20.7
8 29	23 43.99	−13 23.7	1.992	2.967	6.2	20.5
9 8	23 36.70	−14 14.0	1.961	2.956	3.8	20.4
9 18	23 28.77	−14 57.2	1.958	2.945	4.6	20.4
9 28	23 21.10	−15 27.9	1.982	2.933	7.5	20.6
10 8	23 14.50	−15 42.7	2.032	2.922	10.7	20.7
10 18	23 9.62	−15 40.2	2.104	2.911	13.6	20.9
427925 2005 UM_{523}			9 14.9 41°.59		1°.7/13.5 16	
8 9	23 55.44	− 3 48.1	1.249	2.121	18.3	21.0
8 19	23 51.82	− 4 28.8	1.199	2.135	13.8	20.7
8 29	23 45.50	− 5 23.9	1.169	2.149	8.8	20.5
9 8	23 37.34	− 6 26.0	1.162	2.164	3.6	20.2
9 18	23 28.52	− 7 26.2	1.179	2.180	3.0	20.3
9 28	23 20.40	− 8 15.8	1.220	2.196	8.0	20.6
10 8	23 14.15	− 8 48.4	1.285	2.213	12.7	20.9
10 18	23 10.48	− 9 1.1	1.371	2.230	16.6	21.2
63175 2000 YS_{55}			9 14.9 280°.79		1°.3/17.4 18	
8 9	23 46.40	+ 5 15.3	4.282	5.073	7.8	19.6
8 19	23 43.21	+ 5 2.1	4.190	5.072	6.2	19.5
8 29	23 39.19	+ 4 41.1	4.122	5.071	4.3	19.4
9 8	23 34.60	+ 4 13.8	4.081	5.071	2.4	19.2
9 18	23 29.76	+ 3 41.8	4.070	5.070	1.3	19.2
9 28	23 25.02	+ 3 7.4	4.089	5.069	2.6	19.3
10 8	23 20.74	+ 2 33.1	4.137	5.068	4.5	19.4
10 18	23 17.23	+ 2 1.2	4.213	5.067	6.4	19.5
282230 2002 AM_{143}			9 14.9 141°.85		0°.3/15.1 18	
8 9	23 56.22	+ 0 40.2	1.974	2.804	14.2	21.2
8 19	23 51.59	+ 0 7.6	1.901	2.812	11.0	21.0
8 29	23 45.02	− 0 38.5	1.851	2.820	7.2	20.8
9 8	23 37.10	− 1 34.4	1.827	2.827	3.1	20.6
9 18	23 28.61	− 2 34.5	1.831	2.834	1.3	20.5
9 28	23 20.49	− 3 32.7	1.863	2.841	5.4	20.8
10 8	23 13.58	− 4 23.1	1.922	2.847	9.3	21.0
10 18	23 8.52	− 5 1.6	2.005	2.853	12.6	21.2
63463 2001 OR_{12}			9 14.9 355°.93		4°.5/18.2 18	
8 9	23 53.74	+ 7 38.0	1.284	2.122	19.9	19.1
8 19	23 50.81	+ 8 1.8	1.213	2.119	16.2	18.8
8 29	23 45.10	+ 8 2.1	1.159	2.116	11.8	18.6
9 8	23 37.30	+ 7 39.1	1.126	2.114	7.3	18.3
9 18	23 28.49	+ 6 56.3	1.116	2.114	4.5	18.2
9 28	23 20.07	+ 6 0.8	1.130	2.113	7.1	18.3
10 8	23 13.37	+ 5 2.4	1.167	2.114	11.6	18.6
10 18	23 9.31	+ 4 9.9	1.226	2.116	16.0	18.8
397358 2006 UY_{114}			9 14.9 72°.22		1°.5/13.4 18	
8 9	23 55.51	− 5 31.0	1.956	2.806	13.5	21.7
8 19	23 51.09	− 5 59.6	1.885	2.809	10.3	21.5
8 29	23 44.71	− 6 36.5	1.837	2.813	6.6	21.3
9 8	23 36.98	− 7 17.3	1.814	2.816	2.7	21.0
9 18	23 28.67	− 7 56.6	1.819	2.819	2.5	21.0
9 28	23 20.73	− 8 29.1	1.852	2.822	6.2	21.3
10 8	23 14.01	− 8 50.4	1.911	2.826	9.9	21.5
10 18	23 9.14	− 8 58.4	1.993	2.829	13.1	21.7
259590 2003 UA_{238}			9 14.9 296°.56		4°.9/11.1 17	
8 9	23 56.47	−10 39.4	1.352	2.231	16.7	20.2
8 19	23 52.99	−11 36.2	1.271	2.211	12.9	19.9
8 29	23 46.62	−12 42.6	1.211	2.191	8.6	19.6
9 8	23 37.99	−13 50.1	1.173	2.170	5.2	19.4
9 18	23 28.16	−14 48.5	1.160	2.151	6.2	19.4
9 28	23 18.58	−15 28.3	1.172	2.131	10.5	19.6
10 8	23 10.68	−15 43.3	1.206	2.111	15.2	19.8
10 18	23 5.48	−15 32.1	1.259	2.092	19.4	20.0
477150 2009 DE_{79}			9 14.9 228°.21		0°.3/15.2 18	
8 9	23 57.68	− 0 40.5	2.400	3.220	12.3	22.3
8 19	23 52.54	− 0 50.6	2.303	3.209	9.6	22.1
8 29	23 45.61	− 1 10.4	2.230	3.196	6.3	21.9
9 8	23 37.37	− 1 37.5	2.184	3.184	2.7	21.6
9 18	23 28.49	− 2 8.5	2.167	3.170	1.1	21.4
9 28	23 19.76	− 2 39.1	2.179	3.156	4.8	21.7
10 8	23 11.99	− 3 5.3	2.220	3.142	8.4	21.9
10 18	23 5.80	− 3 23.6	2.286	3.127	11.5	22.1

519902 2013 PN_{80} 9 14.9 112°.80 0°.8/14.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 56.04	− 0 48.3	1.510	2.361	16.8	21.4
8 19	23 52.00	− 1 42.6	1.445	2.369	12.8	21.1
8 29	23 45.54	− 2 53.8	1.402	2.377	8.2	20.9
9 8	23 37.38	− 4 15.5	1.383	2.385	3.3	20.6
9 18	23 28.52	− 5 39.4	1.391	2.393	2.2	20.6
9 28	23 20.15	− 6 56.1	1.425	2.401	7.0	20.9
10 8	23 13.34	− 7 57.9	1.484	2.408	11.5	21.2
10 18	23 8.85	− 8 40.4	1.565	2.415	15.4	21.4

18567 Segenthau 9 14.9 29°.57 1°.9/16.7 18

8 9	23 53.39	+ 4 31.4	1.777	2.604	15.7	18.7
8 19	23 49.70	+ 4 18.2	1.703	2.607	12.4	18.5
8 29	23 43.94	+ 3 47.6	1.649	2.611	8.5	18.3
9 8	23 36.70	+ 3 2.3	1.620	2.615	4.4	18.0
9 18	23 28.82	+ 2 7.1	1.616	2.619	2.0	17.9
9 28	23 21.28	+ 1 8.4	1.640	2.623	5.4	18.1
10 8	23 15.01	+ 0 13.2	1.690	2.628	9.4	18.4
10 18	23 10.69	− 0 32.9	1.764	2.632	13.0	18.6

320021 2007 DQ_{74} 9 14.9 98°.86 0°.4/14.4 18

8 9	23 52.29	− 1 21.0	2.349	3.183	12.1	21.3
8 19	23 48.30	− 2 1.6	2.279	3.193	9.2	21.1
8 29	23 42.75	− 2 52.6	2.232	3.204	5.9	20.9
9 8	23 36.14	− 3 49.9	2.212	3.214	2.4	20.7
9 18	23 29.11	− 4 48.7	2.221	3.224	1.4	20.7
9 28	23 22.37	− 5 43.9	2.259	3.234	4.9	20.9
10 8	23 16.60	− 6 30.9	2.324	3.243	8.2	21.2
10 18	23 12.32	− 7 6.3	2.414	3.253	11.0	21.4

489577 2007 TE_{83} 9 14.9 287°.74 4°.2/11.6 16

8 9	0 1.33	−13 34.8	1.837	2.695	14.0	22.3
8 19	23 55.98	−13 56.8	1.746	2.673	10.8	22.0
8 29	23 48.19	−14 20.9	1.677	2.650	7.4	21.8
9 8	23 38.55	−14 41.2	1.634	2.628	4.5	21.6
9 18	23 27.97	−14 51.7	1.618	2.606	5.2	21.6
9 28	23 17.61	−14 47.4	1.629	2.584	8.6	21.7
10 8	23 8.61	−14 25.7	1.666	2.561	12.3	21.9
10 18	23 1.83	−13 46.5	1.725	2.539	15.8	22.1

85456 1997 HW 9 14.9 357°.08 3°.6/12.8 18

8 9	23 52.72	− 7 56.5	0.889	1.794	20.9	18.4
8 19	23 50.87	− 8 19.6	0.835	1.788	16.0	18.1
8 29	23 45.53	− 8 55.0	0.798	1.784	10.4	17.8
9 8	23 37.57	− 9 34.0	0.779	1.782	4.8	17.5
9 18	23 28.45	−10 6.1	0.782	1.781	5.0	17.5
9 28	23 20.03	−10 21.8	0.805	1.782	10.6	17.9
10 8	23 13.95	−10 15.1	0.847	1.785	16.2	18.2
10 18	23 11.19	− 9 45.0	0.907	1.789	21.0	18.5

344169 2001 AD_{1} 9 14.9 328°.44 6°.2/ 9.2 18

8 9	23 51.48	−13 6.9	1.395	2.283	15.7	20.0
8 19	23 48.95	−14 30.6	1.325	2.269	12.1	19.7
8 29	23 43.84	−16 1.8	1.276	2.255	8.4	19.5
9 8	23 36.79	−17 30.3	1.250	2.241	6.2	19.3
9 18	23 28.79	−18 45.1	1.249	2.229	7.7	19.4
9 28	23 21.14	−19 36.5	1.272	2.217	11.3	19.6
10 8	23 15.06	−19 59.4	1.316	2.206	15.3	19.8
10 18	23 11.42	−19 53.1	1.379	2.196	18.9	20.0

220857 2004 VY_{70} 9 14.9 333°.11 0°.1/14.8 16

8 9	23 51.09	− 1 32.6	1.688	2.543	15.1	20.3
8 19	23 48.23	− 1 47.6	1.599	2.524	11.7	20.0
8 29	23 43.18	− 2 15.9	1.531	2.506	7.7	19.8
9 8	23 36.48	− 2 54.0	1.487	2.489	3.2	19.5
9 18	23 28.93	− 3 36.7	1.469	2.472	1.6	19.3
9 28	23 21.57	− 4 17.7	1.477	2.457	6.3	19.6
10 8	23 15.43	− 4 50.5	1.509	2.442	10.7	19.8
10 18	23 11.31	− 5 10.6	1.564	2.428	14.6	20.0

255388 2005 WG_{156} 9 14.9 248°.76 4°.2/ 9.6 18

8 9	23 52.47	−13 13.7	2.296	3.158	11.4	20.2
8 19	23 48.62	−14 24.4	2.222	3.152	8.7	20.0
8 29	23 43.08	−15 38.8	2.172	3.145	5.9	19.8
9 8	23 36.33	−16 50.7	2.150	3.139	4.2	19.7
9 18	23 29.04	−17 53.8	2.155	3.132	5.2	19.8
9 28	23 21.99	−18 42.5	2.189	3.126	7.8	19.9
10 8	23 15.93	−19 13.4	2.247	3.119	10.6	20.1
10 18	23 11.44	−19 25.3	2.328	3.112	13.1	20.3

450261 2003 WP_{39} 9 14.9 314°.73 8°.5/26.9 18

8 9	23 51.14	+27 22.4	2.455	3.122	15.9	20.6
8 19	23 47.75	+27 49.6	2.359	3.117	14.2	20.4
8 29	23 42.60	+27 53.2	2.280	3.112	12.3	20.3
9 8	23 36.17	+27 31.0	2.221	3.107	10.4	20.2
9 18	23 29.10	+26 42.6	2.184	3.103	9.0	20.1
9 28	23 22.19	+25 30.3	2.173	3.099	8.5	20.0
10 8	23 16.25	+24 0.0	2.187	3.094	9.2	20.1
10 18	23 11.90	+22 19.0	2.227	3.090	10.9	20.2

363052 1999 VO_{89} 9 14.9 353°.85 6°.3/21.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 44.89	+15 41.9	1.481	2.283	19.4	20.2
8 19	23 43.75	+15 39.5	1.400	2.275	16.4	20.0
8 29	23 40.37	+15 6.4	1.336	2.267	12.9	19.8
9 8	23 35.34	+14 2.2	1.292	2.262	9.2	19.5
9 18	23 29.48	+12 30.1	1.271	2.257	6.5	19.4
9 28	23 23.90	+10 38.3	1.275	2.255	7.1	19.4
10 8	23 19.66	+ 8 38.9	1.303	2.253	10.3	19.6
10 18	23 17.55	+ 6 43.8	1.354	2.254	14.1	19.8

510257 2011 HV_{31} 9 14.9 202°.70 3°.6/18.9 18

8 9	23 54.96	+11 36.4	2.110	2.889	15.1	22.9
8 19	23 50.72	+11 9.9	2.017	2.885	12.4	22.7
8 29	23 44.56	+10 22.1	1.944	2.880	9.2	22.5
9 8	23 36.99	+ 9 14.2	1.895	2.875	5.8	22.2
9 18	23 28.74	+ 7 50.0	1.874	2.869	3.6	22.1
9 28	23 20.70	+ 6 16.0	1.882	2.862	5.2	22.2
10 8	23 13.73	+ 4 40.3	1.918	2.854	8.6	22.4
10 18	23 8.53	+ 3 10.4	1.980	2.846	11.9	22.6

517996 2015 UG_{55} 9 14.9 258°.15 3°.6/10.9 18

8 9	23 55.87	−13 25.9	2.386	3.240	11.3	21.7
8 19	23 51.15	−14 3.0	2.304	3.230	8.6	21.5
8 29	23 44.69	−14 42.2	2.247	3.219	5.8	21.4
9 8	23 37.01	−15 18.6	2.217	3.209	3.8	21.2
9 18	23 28.76	−15 47.3	2.214	3.198	4.5	21.2
9 28	23 20.76	−16 4.2	2.240	3.187	7.1	21.4
10 8	23 13.76	−16 6.6	2.293	3.176	9.9	21.6
10 18	23 8.37	−15 53.8	2.369	3.164	12.6	21.7

233469 2006 KQ_{89} 9 14.9 119°.48 7°.4/ 6.7 17

8 9	23 57.83	−22 21.3	2.031	2.893	12.6	20.9
8 19	23 52.81	−23 50.2	1.987	2.906	10.1	20.8
8 29	23 45.79	−25 14.3	1.967	2.920	8.1	20.7
9 8	23 37.43	−26 25.3	1.974	2.932	7.4	20.6
9 18	23 28.60	−27 16.3	2.006	2.945	8.5	20.7
9 28	23 20.28	−27 43.1	2.065	2.957	10.6	20.9
10 8	23 13.33	−27 44.9	2.146	2.968	12.9	21.1
10 18	23 8.35	−27 23.5	2.247	2.979	15.0	21.3

450519 2006 BC_{21} 9 14.9 301°.96 2°.6/17.5 17

8 9	23 53.91	+ 5 39.2	2.166	2.974	13.8	21.6
8 19	23 49.88	+ 5 47.2	2.072	2.964	11.1	21.4
8 29	23 44.01	+ 5 41.0	2.001	2.953	7.9	21.2
9 8	23 36.78	+ 5 21.8	1.954	2.943	4.5	21.0
9 18	23 28.86	+ 4 52.1	1.934	2.933	2.6	20.8
9 28	23 21.11	+ 4 16.0	1.942	2.923	4.9	21.0
10 8	23 14.37	+ 3 38.6	1.977	2.913	8.4	21.2
10 18	23 9.29	+ 3 5.0	2.038	2.903	11.6	21.4

103688 2000 CS_{68} 9 14.9 21°.06 0°.3/15.1 15

8 9	23 52.90	− 0 4.7	1.081	1.957	20.2	19.0
8 19	23 50.32	− 0 20.6	1.029	1.965	15.6	18.8
8 29	23 44.78	− 0 56.4	0.995	1.974	10.2	18.5
9 8	23 37.17	− 1 46.6	0.982	1.984	4.3	18.2
9 18	23 28.73	− 2 43.1	0.992	1.996	1.8	18.1
9 28	23 20.98	− 3 35.7	1.025	2.009	7.6	18.5
10 8	23 15.22	− 4 15.9	1.080	2.022	12.9	18.9
10 18	23 12.26	− 4 38.5	1.155	2.037	17.4	19.2

396001 2013 BL_{56} 9 14.9 331°.18 2°.4/12.4 18

8 9	23 52.56	− 5 52.5	1.812	2.672	14.0	20.8
8 19	23 49.08	− 6 52.2	1.739	2.669	10.6	20.6
8 29	23 43.56	− 8 2.6	1.688	2.667	6.8	20.4
9 8	23 36.59	− 9 17.4	1.663	2.664	3.1	20.1
9 18	23 28.97	−10 29.3	1.665	2.662	3.5	20.2
9 28	23 21.66	−11 30.8	1.695	2.660	7.2	20.4
10 8	23 15.58	−12 16.3	1.749	2.658	11.0	20.6
10 18	23 11.40	−12 42.9	1.826	2.656	14.4	20.8

108820 2001 OX_{77} 9 14.9 30°.20 2°.2/13.3 16

8 9	23 58.17	− 6 33.7	1.312	2.183	17.6	19.5
8 19	23 53.95	− 6 54.1	1.254	2.189	13.4	19.3
8 29	23 46.96	− 7 24.6	1.216	2.195	8.6	19.0
9 8	23 38.03	− 7 58.8	1.200	2.202	3.7	18.8
9 18	23 28.33	− 8 29.7	1.210	2.210	3.4	18.8
9 28	23 19.27	− 8 50.2	1.244	2.218	8.2	19.1
10 8	23 12.07	− 8 55.7	1.302	2.226	12.8	19.4
10 18	23 7.51	− 8 44.3	1.381	2.235	16.8	19.6

44493 1998 WT_{40} 9 14.9 345°.45 10°.7/22.4 18

8 9	23 57.42	+18 39.4	1.526	2.288	20.6	17.8
8 19	23 53.62	+20 22.6	1.443	2.280	18.1	17.6
8 29	23 47.04	+21 43.1	1.378	2.272	15.3	17.4
9 8	23 38.22	+22 35.3	1.332	2.265	12.6	17.2
9 18	23 28.16	+22 55.4	1.308	2.259	10.9	17.1
9 28	23 18.21	+22 43.9	1.308	2.254	11.0	17.1
10 8	23 9.79	+22 7.3	1.330	2.250	12.9	17.2
10 18	23 3.96	+21 14.8	1.373	2.247	15.6	17.4

514831 2008 AY_{115} 9 14.9 169°.55 3°.7/18.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 57.53	+ 9 6.7	2.356	3.135	13.7	22.3
8 19	23 52.43	+ 9 29.5	2.269	3.138	11.2	22.2
8 29	23 45.54	+ 9 37.9	2.204	3.139	8.3	22.0
9 8	23 37.38	+ 9 32.0	2.164	3.141	5.4	21.8
9 18	23 28.61	+ 9 13.4	2.151	3.142	3.7	21.7
9 28	23 20.07	+ 8 45.4	2.168	3.143	5.1	21.8
10 8	23 12.54	+ 8 12.6	2.212	3.144	7.9	22.0
10 18	23 6.65	+ 7 39.9	2.283	3.144	10.7	22.2

316137 2009 SM_{131} 9 14.9 270°.79 0°.2/14.4 16

8 9	23 45.78	− 2 27.2	4.539	5.363	6.9	21.5
8 19	23 42.74	− 2 53.4	4.445	5.355	5.2	21.4
8 29	23 38.91	− 3 24.5	4.376	5.346	3.3	21.3
9 8	23 34.54	− 3 58.8	4.336	5.337	1.3	21.1
9 18	23 29.92	− 4 34.1	4.326	5.328	0.8	21.0
9 28	23 25.39	− 5 8.1	4.346	5.320	2.8	21.2
10 8	23 21.28	− 5 38.7	4.395	5.311	4.7	21.3
10 18	23 17.88	− 6 4.0	4.471	5.302	6.5	21.5

54284 2000 JM_{50} 9 14.9 47°.38 6°.8/22.2 18

8 9	23 53.72	+17 41.9	1.919	2.673	17.2	19.1
8 19	23 49.97	+18 7.5	1.840	2.678	14.7	18.9
8 29	23 44.15	+18 9.4	1.780	2.684	11.8	18.7
9 8	23 36.85	+17 46.6	1.741	2.689	9.0	18.6
9 18	23 28.86	+17 0.1	1.726	2.695	7.0	18.5
9 28	23 21.16	+15 54.7	1.737	2.701	7.2	18.5
10 8	23 14.68	+14 37.7	1.774	2.707	9.3	18.6
10 18	23 10.14	+13 17.6	1.836	2.714	12.1	18.8

281023 2006 FZ_{5} 9 14.9 275°.83 2°.3/18.1 18

8 9	23 50.42	+10 2.9	2.522	3.307	12.8	21.0
8 19	23 47.05	+ 9 10.2	2.409	3.284	10.4	20.8
8 29	23 42.10	+ 7 57.8	2.317	3.261	7.5	20.5
9 8	23 35.98	+ 6 27.8	2.252	3.238	4.4	20.3
9 18	23 29.24	+ 4 44.1	2.216	3.215	2.3	20.1
9 28	23 22.58	+ 2 53.0	2.210	3.192	4.4	20.2
10 8	23 16.71	+ 1 2.2	2.234	3.168	7.6	20.4
10 18	23 12.22	− 0 41.4	2.285	3.144	10.8	20.6

344987 2004 YB_{36} 9 14.9 268°.99 7°.0/20.9 18

8 9	23 58.07	+15 14.6	1.895	2.657	17.2	20.3
8 19	23 53.49	+16 6.6	1.803	2.649	14.6	20.1
8 29	23 46.61	+16 38.5	1.730	2.641	11.7	19.9
9 8	23 37.95	+16 48.2	1.679	2.633	8.9	19.7
9 18	23 28.34	+16 35.0	1.653	2.625	7.1	19.6
9 28	23 18.87	+16 1.7	1.653	2.616	7.6	19.6
10 8	23 10.62	+15 14.6	1.679	2.608	10.1	19.8
10 18	23 4.46	+14 20.9	1.729	2.600	13.1	19.9

312995 1999 TA_{191} 9 14.9 331°.18 1°.8/16.4 18

8 9	23 55.93	+ 1 49.2	1.910	2.738	14.7	19.9
8 19	23 51.64	+ 2 7.2	1.823	2.729	11.6	19.7
8 29	23 45.26	+ 2 13.2	1.757	2.720	8.0	19.5
9 8	23 37.33	+ 2 8.5	1.716	2.712	4.1	19.2
9 18	23 28.64	+ 1 55.8	1.702	2.704	1.9	19.0
9 28	23 20.18	+ 1 39.2	1.715	2.697	5.4	19.3
10 8	23 12.90	+ 1 23.5	1.755	2.690	9.3	19.5
10 18	23 7.54	+ 1 12.9	1.819	2.683	12.9	19.7

286751 2002 GH_{173} 9 14.9 216°.75 0°.9/13.8 18

8 9	23 52.68	− 3 19.6	2.494	3.331	11.4	21.1
8 19	23 48.63	− 3 59.8	2.409	3.326	8.7	20.9
8 29	23 43.03	− 4 48.9	2.348	3.321	5.6	20.7
9 8	23 36.33	− 5 43.3	2.314	3.316	2.2	20.5
9 18	23 29.13	− 6 38.3	2.309	3.310	1.8	20.4
9 28	23 22.13	− 7 29.1	2.333	3.304	5.1	20.7
10 8	23 16.00	− 8 11.2	2.385	3.298	8.3	20.9
10 18	23 11.30	− 8 41.6	2.461	3.292	11.1	21.0

336934 2011 HU_{62} 9 14.9 67°.90 6°.7/21.8 17

8 9	23 54.98	+17 1.5	1.649	2.418	19.1	20.1
8 19	23 51.09	+17 13.4	1.584	2.435	16.1	19.9
8 29	23 44.92	+16 57.8	1.537	2.452	12.7	19.7
9 8	23 37.17	+16 14.4	1.511	2.469	9.3	19.6
9 18	23 28.76	+15 6.1	1.509	2.486	6.9	19.5
9 28	23 20.84	+13 39.8	1.533	2.504	7.3	19.6
10 8	23 14.40	+12 5.2	1.582	2.521	9.8	19.7
10 18	23 10.14	+10 32.0	1.656	2.538	13.0	20.0

398100 2009 ST_{25} 9 14.9 247°.07 1°.9/17.4 18

8 9	23 50.85	+ 6 41.8	2.449	3.251	12.6	20.9
8 19	23 47.30	+ 6 14.0	2.358	3.246	10.0	20.7
8 29	23 42.20	+ 5 30.9	2.289	3.241	7.1	20.5
9 8	23 36.00	+ 4 34.7	2.246	3.237	3.9	20.3
9 18	23 29.28	+ 3 29.0	2.231	3.232	2.0	20.1
9 28	23 22.74	+ 2 19.1	2.245	3.227	4.3	20.3
10 8	23 17.07	+ 1 10.6	2.287	3.221	7.5	20.5
10 18	23 12.81	+ 0 8.8	2.355	3.216	10.5	20.7

394467 2007 RV_{318} 9 14.9 295°.76 1°.2/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 56.15	− 4 33.8	1.758	2.610	14.7	21.2
8 19	23 52.07	− 4 52.7	1.667	2.592	11.3	21.0
8 29	23 45.70	− 5 21.9	1.598	2.574	7.4	20.7
9 8	23 37.57	− 5 57.4	1.554	2.556	3.0	20.4
9 18	23 28.54	− 6 33.7	1.536	2.538	2.3	20.3
9 28	23 19.69	− 7 4.6	1.545	2.520	6.8	20.6
10 8	23 12.11	− 7 24.8	1.580	2.502	11.1	20.8
10 18	23 6.62	− 7 31.0	1.638	2.485	14.9	21.0

510008 2009 WQ_{29} 9 14.9 322°.70 6°.0/10.3 18

8 9	23 56.55	−13 49.8	1.351	2.234	16.5	21.2
8 19	23 52.92	−14 47.0	1.283	2.223	12.7	20.9
8 29	23 46.46	−15 48.9	1.236	2.213	8.8	20.7
9 8	23 37.92	−16 46.2	1.212	2.204	6.1	20.5
9 18	23 28.40	−17 29.1	1.211	2.195	7.2	20.6
9 28	23 19.34	−17 49.7	1.235	2.187	11.0	20.7
10 8	23 12.05	−17 44.5	1.281	2.179	15.1	21.0
10 18	23 7.41	−17 13.9	1.346	2.171	18.8	21.2

349757 2009 AA_{13} 9 14.9 324°.77 2°.0/16.7 18

8 9	23 53.33	+ 4 23.0	1.651	2.483	16.4	20.9
8 19	23 49.95	+ 4 12.8	1.569	2.477	13.0	20.7
8 29	23 44.30	+ 3 44.1	1.507	2.470	9.0	20.5
9 8	23 36.98	+ 2 59.2	1.468	2.464	4.7	20.2
9 18	23 28.83	+ 2 2.8	1.456	2.458	2.1	20.0
9 28	23 20.96	+ 1 2.0	1.469	2.452	5.8	20.2
10 8	23 14.41	+ 0 4.4	1.508	2.447	10.2	20.5
10 18	23 9.97	− 0 43.5	1.570	2.442	14.1	20.7

71019 1999 XK_{57} 9 14.9 337°.55 1°.0/15.8 18

8 9	23 52.57	+ 2 3.8	1.558	2.404	16.6	19.1
8 19	23 49.47	+ 1 44.1	1.480	2.398	13.0	18.8
8 29	23 44.03	+ 1 6.4	1.422	2.392	8.7	18.6
9 8	23 36.87	+ 0 14.2	1.387	2.386	4.0	18.3
9 18	23 28.88	− 0 46.7	1.377	2.381	1.5	18.1
9 28	23 21.20	− 1 48.5	1.394	2.376	6.2	18.4
10 8	23 14.91	− 2 43.3	1.435	2.372	10.8	18.6
10 18	23 10.80	− 3 25.3	1.499	2.368	14.8	18.9

509525 2007 XJ_{19} 9 14.9 35°.05 22°.1/11.7 17

8 9	23 54.66	+40 10.2	1.042	1.714	33.0	20.2
8 19	23 53.12	+42 45.4	0.996	1.722	31.2	20.1
8 29	23 47.56	+44 33.0	0.956	1.731	29.2	20.0
9 8	23 38.67	+45 20.8	0.925	1.741	27.0	19.8
9 18	23 28.01	+44 59.5	0.904	1.751	24.8	19.7
9 28	23 17.89	+43 27.3	0.895	1.762	23.1	19.7
10 8	23 10.52	+40 54.3	0.901	1.774	22.2	19.7
10 18	23 7.27	+37 38.7	0.923	1.787	22.3	19.8

411037 2009 UP_{136} 9 14.9 333°.16 10°.5/29.0 17

8 9	23 51.32	+30 52.7	2.255	2.901	17.6	20.2
8 19	23 48.19	+31 41.9	2.161	2.893	16.1	20.1
8 29	23 43.08	+32 5.4	2.082	2.886	14.3	19.9
9 8	23 36.46	+31 59.6	2.021	2.879	12.5	19.8
9 18	23 29.07	+31 22.8	1.980	2.873	11.1	19.7
9 28	23 21.82	+30 16.3	1.963	2.866	10.5	19.6
10 8	23 15.64	+28 45.7	1.969	2.861	10.9	19.6
10 18	23 11.26	+26 59.2	1.999	2.855	12.2	19.7

130706 2000 SP_{179} 9 14.9 263°.54 3°.8/11.6 18

8 9	0 0.64	−12 5.7	1.949	2.802	13.5	20.1
8 19	23 55.34	−12 38.3	1.857	2.782	10.4	19.8
8 29	23 47.74	−13 14.9	1.788	2.761	6.9	19.6
9 8	23 38.41	−13 49.8	1.745	2.740	4.1	19.4
9 18	23 28.19	−14 16.8	1.730	2.718	4.7	19.4
9 28	23 18.17	−14 30.4	1.742	2.696	8.1	19.5
10 8	23 9.40	−14 27.4	1.781	2.674	11.8	19.7
10 18	23 2.69	−14 6.9	1.842	2.651	15.1	19.9

289781 2005 JP_{100} 9 14.9 72°.33 5°.5/ 9.9 18

8 9	23 58.49	−16 35.5	1.831	2.696	13.7	20.1
8 19	23 53.45	−17 25.7	1.778	2.706	10.5	19.9
8 29	23 46.27	−18 15.2	1.748	2.717	7.4	19.7
9 8	23 37.68	−18 57.1	1.743	2.728	5.6	19.6
9 18	23 28.59	−19 24.8	1.765	2.738	6.5	19.7
9 28	23 20.05	−19 34.1	1.813	2.749	9.2	19.9
10 8	23 12.97	−19 23.3	1.885	2.760	12.2	20.1
10 18	23 7.98	−18 53.5	1.979	2.771	14.9	20.3

178879 2001 NL_{16} 9 14.9 66°.18 4°.2/10.7 18

8 9	23 54.42	− 6 19.7	1.364	2.238	16.9	20.0
8 19	23 50.81	− 8 20.1	1.323	2.261	12.6	19.8
8 29	23 44.76	−10 32.4	1.304	2.284	8.0	19.6
9 8	23 37.08	−12 44.6	1.309	2.308	4.5	19.5
9 18	23 28.87	−14 44.0	1.342	2.331	5.7	19.6
9 28	23 21.34	−16 20.0	1.400	2.354	9.6	19.9
10 8	23 15.52	−17 26.9	1.482	2.378	13.5	20.2
10 18	23 12.05	−18 3.9	1.584	2.401	16.8	20.5

360088 2013 BB_{47} 9 14.9 199°.74 0°.5/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 47.20	+ 1 0.2	4.607	5.414	7.0	21.5
8 19	23 43.78	+ 0 50.4	4.516	5.413	5.4	21.4
8 29	23 39.57	+ 0 35.0	4.451	5.412	3.6	21.3
9 8	23 34.84	+ 0 15.5	4.414	5.411	1.7	21.1
9 18	23 29.86	− 0 6.6	4.407	5.410	0.7	21.0
9 28	23 25.00	− 0 29.4	4.430	5.409	2.5	21.2
10 8	23 20.56	− 0 50.7	4.483	5.408	4.4	21.3
10 18	23 16.83	− 1 8.9	4.563	5.407	6.1	21.4

149121 2002 DZ_{7} 9 14.9 187°.19 2°.5/12.1 18

8 9	23 58.06	−10 49.6	2.584	3.426	10.9	20.3
8 19	23 52.60	−11 12.9	2.506	3.426	8.3	20.1
8 29	23 45.54	−11 39.1	2.453	3.425	5.4	20.0
9 8	23 37.36	−12 4.1	2.427	3.424	2.9	19.8
9 18	23 28.72	−12 24.1	2.431	3.422	3.2	19.8
9 28	23 20.36	−12 35.6	2.464	3.420	5.9	20.0
10 8	23 12.98	−12 36.1	2.525	3.418	8.7	20.2
10 18	23 7.11	−12 24.9	2.610	3.415	11.3	20.3

350531 2000 KE 9 14.9 138°.68 6°.5/23.2 18

8 9	23 53.24	+20 24.8	2.237	2.961	15.9	20.8
8 19	23 49.34	+20 28.8	2.152	2.966	13.6	20.6
8 29	23 43.63	+20 9.3	2.084	2.972	11.1	20.5
9 8	23 36.64	+19 25.6	2.039	2.977	8.6	20.3
9 18	23 29.05	+18 19.3	2.020	2.982	6.8	20.2
9 28	23 21.73	+16 55.1	2.027	2.986	6.7	20.2
10 8	23 15.48	+15 20.0	2.061	2.991	8.5	20.3
10 18	23 10.91	+13 42.3	2.122	2.995	10.9	20.5

119167 2001 QX_{39} 9 14.9 41°.27 0°.7/15.4 18

8 9	23 55.35	+ 1 18.0	1.190	2.052	19.6	19.6
8 19	23 51.86	+ 0 54.8	1.143	2.070	15.2	19.4
8 29	23 45.61	+ 0 11.4	1.114	2.088	10.0	19.2
9 8	23 37.49	− 0 46.6	1.107	2.107	4.4	18.9
9 18	23 28.72	− 1 50.8	1.123	2.127	1.6	18.8
9 28	23 20.69	− 2 51.8	1.165	2.148	7.0	19.2
10 8	23 14.58	− 3 41.1	1.229	2.168	12.0	19.6
10 18	23 11.11	− 4 13.7	1.315	2.190	16.1	19.9

104407 2000 FP_{51} 9 14.9 314°.01 2°.8/12.6 17

8 9	23 56.93	− 9 45.2	1.927	2.785	13.4	19.7
8 19	23 52.62	−10 1.3	1.824	2.752	10.3	19.5
8 29	23 46.07	−10 22.5	1.744	2.720	6.8	19.2
9 8	23 37.77	−10 44.3	1.688	2.688	3.4	18.9
9 18	23 28.51	−11 1.3	1.660	2.656	3.7	18.9
9 28	23 19.31	−11 8.5	1.659	2.624	7.4	19.0
10 8	23 11.23	−11 2.2	1.684	2.593	11.4	19.2
10 18	23 5.13	−10 40.5	1.731	2.562	15.0	19.4

81303 2000 GY_{5} 9 14.9 272°.66 1°.8/16.9 18

8 9	23 51.81	+ 6 24.0	1.984	2.799	14.7	19.4
8 19	23 48.50	+ 5 45.0	1.888	2.785	11.7	19.2
8 29	23 43.25	+ 4 46.3	1.812	2.770	8.2	19.0
9 8	23 36.55	+ 3 30.4	1.762	2.756	4.3	18.7
9 18	23 29.11	+ 2 2.2	1.739	2.741	1.9	18.5
9 28	23 21.82	+ 0 29.3	1.744	2.726	5.2	18.7
10 8	23 15.58	− 1 0.2	1.777	2.712	9.2	18.9
10 18	23 11.09	− 2 19.1	1.834	2.697	12.9	19.1

169918 2002 SE_{14} 9 14.9 92°.84 2°.0/13.1 18

8 9	23 58.53	− 7 5.8	1.913	2.763	13.8	20.2
8 19	23 53.36	− 7 31.7	1.852	2.776	10.5	20.0
8 29	23 46.19	− 8 4.4	1.814	2.790	6.7	19.8
9 8	23 37.67	− 8 38.9	1.802	2.803	2.9	19.6
9 18	23 28.66	− 9 10.0	1.817	2.816	2.9	19.6
9 28	23 20.12	− 9 32.9	1.861	2.829	6.5	19.9
10 8	23 12.93	− 9 44.0	1.931	2.841	10.1	20.1
10 18	23 7.70	− 9 41.7	2.024	2.854	13.2	20.4

266433 2007 GM_{75} 9 14.9 181°.75 8°.4/ 1.2 18

8 9	23 59.02	−37 10.3	3.073	3.888	10.0	21.3
8 19	23 53.33	−38 22.3	3.031	3.889	9.0	21.3
8 29	23 46.00	−39 23.0	3.014	3.889	8.4	21.2
9 8	23 37.56	−40 6.8	3.021	3.889	8.6	21.2
9 18	23 28.71	−40 29.7	3.053	3.888	9.3	21.3
9 28	23 20.24	−40 29.6	3.109	3.887	10.4	21.4
10 8	23 12.85	−40 7.2	3.186	3.886	11.6	21.5
10 18	23 7.07	−39 24.6	3.281	3.884	12.8	21.6

282943 2007 RU_{39} 9 14.9 33°.17 2°.5/16.9 18

8 9	23 53.50	+ 5 11.0	1.239	2.088	19.8	20.2
8 19	23 50.36	+ 5 2.2	1.192	2.108	15.6	20.0
8 29	23 44.61	+ 4 30.1	1.162	2.129	10.7	19.7
9 8	23 37.09	+ 3 38.8	1.155	2.150	5.6	19.5
9 18	23 28.95	+ 2 35.2	1.171	2.173	2.6	19.4
9 28	23 21.50	+ 1 28.5	1.211	2.196	6.5	19.7
10 8	23 15.87	+ 0 28.0	1.276	2.221	11.1	20.1
10 18	23 12.72	− 0 19.4	1.362	2.246	15.1	20.4

29903 1999 HP_{9} 9 14.9 302°.08 3°.2/18.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 51.40	+ 8 55.2	1.921	2.727	15.4	17.4
8 19	23 48.25	+ 8 39.5	1.827	2.715	12.5	17.2
8 29	23 43.12	+ 8 3.5	1.754	2.703	9.1	17.0
9 8	23 36.51	+ 7 8.5	1.705	2.691	5.5	16.8
9 18	23 29.15	+ 5 58.3	1.682	2.680	3.2	16.6
9 28	23 21.97	+ 4 39.1	1.686	2.669	5.3	16.7
10 8	23 15.87	+ 3 19.0	1.717	2.657	9.1	16.9
10 18	23 11.59	+ 2 5.3	1.772	2.647	12.7	17.1

178832 2001 HR_{3} 9 14.9 154°.93 2°.0/13.1 17

8 9	0 0.67	− 6 17.6	1.857	2.702	14.4	20.9
8 19	23 55.15	− 6 53.1	1.789	2.710	10.9	20.7
8 29	23 47.45	− 7 37.0	1.743	2.717	7.0	20.5
9 8	23 38.24	− 8 23.9	1.723	2.724	3.1	20.3
9 18	23 28.41	− 9 7.8	1.731	2.729	3.0	20.3
9 28	23 19.03	− 9 42.9	1.767	2.735	6.8	20.5
10 8	23 11.05	−10 4.9	1.830	2.739	10.6	20.8
10 18	23 5.16	−10 11.8	1.916	2.743	13.9	21.0

135889 2002 TN_{61} 9 14.9 80°.67 4°.6/19.8 18

8 9	23 56.82	+12 13.5	1.928	2.707	16.3	19.7
8 19	23 52.09	+12 20.0	1.865	2.730	13.4	19.5
8 29	23 45.38	+12 5.8	1.822	2.753	10.1	19.4
9 8	23 37.35	+11 31.9	1.803	2.775	6.7	19.2
9 18	23 28.82	+10 41.3	1.810	2.798	4.6	19.1
9 28	23 20.75	+ 9 39.7	1.844	2.820	5.7	19.2
10 8	23 13.99	+ 8 34.2	1.906	2.842	8.6	19.5
10 18	23 9.15	+ 7 31.6	1.992	2.864	11.6	19.7

198227 2004 TE_{186} 9 14.9 142°.49 1°.9/16.7 18

8 9	23 54.98	+ 4 51.3	1.773	2.596	15.9	20.4
8 19	23 51.00	+ 4 32.3	1.696	2.598	12.5	20.2
8 29	23 44.87	+ 3 55.2	1.640	2.600	8.7	19.9
9 8	23 37.22	+ 3 2.8	1.607	2.602	4.5	19.7
9 18	23 28.86	+ 1 59.9	1.602	2.604	2.0	19.5
9 28	23 20.83	+ 0 53.5	1.623	2.606	5.5	19.8
10 8	23 14.09	− 0 9.0	1.671	2.607	9.6	20.0
10 18	23 9.36	− 1 1.5	1.743	2.608	13.3	20.3

163939 2003 TA_{20} 9 14.9 322°.74 8°.0/20.6 18

8 9	23 56.43	+14 16.5	1.573	2.359	19.2	19.2
8 19	23 52.77	+15 27.1	1.482	2.343	16.4	19.0
8 29	23 46.47	+16 17.1	1.409	2.329	13.2	18.7
9 8	23 38.05	+16 42.6	1.356	2.314	10.1	18.5
9 18	23 28.43	+16 41.9	1.326	2.300	8.1	18.4
9 28	23 18.87	+16 17.4	1.321	2.287	8.8	18.4
10 8	23 10.70	+15 35.4	1.340	2.274	11.6	18.5
10 18	23 4.96	+14 44.8	1.381	2.263	15.1	18.7

407858 2012 BN_{69} 9 14.9 178°.63 3°.0/18.3 18

8 9	23 55.40	+ 7 53.8	2.476	3.262	12.9	21.6
8 19	23 50.74	+ 8 5.4	2.388	3.263	10.4	21.4
8 29	23 44.45	+ 8 3.4	2.322	3.263	7.6	21.2
9 8	23 36.98	+ 7 48.6	2.282	3.264	4.7	21.1
9 18	23 28.97	+ 7 22.9	2.269	3.264	3.0	21.0
9 28	23 21.17	+ 6 49.9	2.286	3.263	4.6	21.1
10 8	23 14.29	+ 6 14.0	2.330	3.263	7.4	21.2
10 18	23 8.91	+ 5 39.6	2.401	3.263	10.2	21.4

259388 2003 LL 9 14.9 84°.44 4°.0/10.1 18

8 9	23 52.67	−11 44.8	2.144	3.007	12.0	20.8
8 19	23 48.81	−13 0.7	2.086	3.017	9.1	20.6
8 29	23 43.22	−14 20.7	2.052	3.026	6.1	20.4
9 8	23 36.46	−15 38.1	2.044	3.036	4.1	20.3
9 18	23 29.24	−16 46.4	2.065	3.046	5.0	20.4
9 28	23 22.37	−17 39.7	2.113	3.056	7.7	20.6
10 8	23 16.59	−18 14.7	2.187	3.065	10.6	20.8
10 18	23 12.46	−18 30.4	2.283	3.075	13.1	21.0

322415 2011 SA_{88} 9 14.9 340°.05 1°.7/16.3 18

8 9	23 53.48	+ 2 31.0	1.607	2.449	16.4	20.7
8 19	23 50.13	+ 2 30.1	1.527	2.441	12.9	20.4
8 29	23 44.48	+ 2 12.9	1.467	2.434	8.8	20.2
9 8	23 37.11	+ 1 41.6	1.430	2.427	4.4	19.9
9 18	23 28.91	+ 1 0.7	1.419	2.422	1.9	19.7
9 28	23 21.00	+ 0 16.5	1.433	2.416	6.0	20.0
10 8	23 14.44	− 0 24.1	1.473	2.412	10.4	20.2
10 18	23 10.03	− 0 55.4	1.535	2.408	14.4	20.5

253457 2003 SE_{6} 9 14.9 14°.55 3°.4/12.9 17

8 9	23 55.85	− 8 1.2	1.000	1.894	20.0	19.5
8 19	23 52.87	− 8 24.4	0.951	1.898	15.3	19.2
8 29	23 46.62	− 8 58.1	0.918	1.903	9.8	19.0
9 8	23 38.04	− 9 34.2	0.907	1.909	4.6	18.7
9 18	23 28.55	−10 3.5	0.917	1.916	4.6	18.7
9 28	23 19.85	−10 17.7	0.950	1.925	9.8	19.0
10 8	23 13.39	−10 12.0	1.003	1.935	14.9	19.4
10 18	23 10.03	− 9 45.6	1.076	1.946	19.3	19.7

297067 2010 JK_{36} 9 14.9 47°.97 0°.1/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 54.09	− 0 8.2	1.756	2.600	15.1	21.4
8 19	23 50.28	− 0 39.4	1.686	2.604	11.7	21.2
8 29	23 44.38	− 1 24.9	1.637	2.609	7.6	21.0
9 8	23 37.01	− 2 20.5	1.612	2.613	3.2	20.7
9 18	23 29.00	− 3 20.2	1.614	2.618	1.4	20.6
9 28	23 21.36	− 4 17.0	1.644	2.623	5.9	20.9
10 8	23 15.02	− 5 4.8	1.699	2.628	10.0	21.2
10 18	23 10.65	− 5 39.0	1.778	2.633	13.6	21.4

82810 2001 QV_{34} 9 14.9 301°.77 4°.4/18.8 18

8 9	23 54.80	+ 9 29.7	1.854	2.654	16.2	19.2
8 19	23 51.01	+ 9 52.4	1.759	2.639	13.3	19.0
8 29	23 45.02	+ 9 56.9	1.684	2.625	10.0	18.8
9 8	23 37.36	+ 9 42.7	1.631	2.611	6.6	18.5
9 18	23 28.80	+ 9 11.5	1.604	2.597	4.5	18.4
9 28	23 20.37	+ 8 27.7	1.604	2.583	6.1	18.5
10 8	23 13.10	+ 7 37.8	1.630	2.569	9.6	18.6
10 18	23 7.80	+ 6 48.8	1.680	2.556	13.2	18.8

222215 2000 ES_{121} 9 14.9 249°.56 0°.9/14.1 17

8 9	0 0.54	− 6 11.9	2.680	3.505	11.0	20.5
8 19	23 54.56	− 6 8.0	2.581	3.491	8.5	20.3
8 29	23 46.89	− 6 8.5	2.508	3.477	5.5	20.0
9 8	23 38.01	− 6 10.9	2.462	3.463	2.3	19.8
9 18	23 28.54	− 6 12.5	2.447	3.448	1.6	19.7
9 28	23 19.24	− 6 10.5	2.462	3.433	4.9	19.9
10 8	23 10.84	− 6 2.6	2.507	3.418	8.0	20.1
10 18	23 3.93	− 5 47.1	2.578	3.402	10.8	20.3

26674 2001 DB_{99} 9 14.9 193°.30 1°.9/17.6 18

8 9	23 50.76	+ 7 37.6	2.564	3.359	12.3	19.3
8 19	23 47.17	+ 6 58.2	2.474	3.358	9.8	19.1
8 29	23 42.11	+ 6 3.0	2.407	3.357	6.9	19.0
9 8	23 36.02	+ 4 54.5	2.366	3.356	3.8	18.8
9 18	23 29.45	+ 3 36.6	2.354	3.354	1.9	18.6
9 28	23 23.07	+ 2 14.7	2.371	3.353	4.1	18.8
10 8	23 17.53	+ 0 54.8	2.417	3.351	7.2	19.0
10 18	23 13.34	− 0 17.8	2.490	3.348	10.0	19.2

39484 1981 DP_{3} 9 14.9 179°.62 3°.3/19.1 18

8 9	23 52.06	+10 40.8	2.371	3.153	13.6	19.7
8 19	23 48.29	+10 27.8	2.283	3.153	11.1	19.5
8 29	23 42.91	+ 9 57.4	2.217	3.154	8.2	19.3
9 8	23 36.37	+ 9 10.9	2.175	3.154	5.2	19.1
9 18	23 29.29	+ 8 11.2	2.160	3.154	3.4	19.0
9 28	23 22.43	+ 7 3.3	2.174	3.153	4.7	19.1
10 8	23 16.50	+ 5 53.0	2.216	3.153	7.5	19.3
10 18	23 12.06	+ 4 46.3	2.284	3.153	10.4	19.5

498334 2007 VE_{234} 9 14.9 342°.14 20°.0/ 7.4 17

8 9	23 47.23	+37 28.6	1.044	1.744	31.5	20.6
8 19	23 47.18	+39 17.9	0.978	1.737	29.7	20.4
8 29	23 43.60	+40 19.5	0.920	1.731	27.6	20.2
9 8	23 37.09	+40 21.2	0.871	1.726	25.1	20.0
9 18	23 28.89	+39 12.6	0.834	1.722	22.6	19.9
9 28	23 21.01	+36 51.3	0.811	1.719	20.7	19.7
10 8	23 15.44	+33 27.9	0.804	1.716	20.0	19.7
10 18	23 13.52	+29 23.8	0.816	1.715	20.9	19.8

172068 2002 AE_{13} 9 14.9 77°.84 3°.2/17.3 18

8 9	0 0.11	+ 5 34.4	1.347	2.178	19.5	20.0
8 19	23 55.39	+ 5 44.1	1.288	2.193	15.5	19.8
8 29	23 47.92	+ 5 32.4	1.248	2.208	10.9	19.6
9 8	23 38.52	+ 5 1.3	1.230	2.222	6.0	19.4
9 18	23 28.36	+ 4 15.8	1.236	2.237	3.2	19.2
9 28	23 18.84	+ 3 23.5	1.269	2.252	6.6	19.5
10 8	23 11.18	+ 2 33.0	1.326	2.266	11.2	19.8
10 18	23 6.18	+ 1 51.3	1.405	2.281	15.3	20.1

147060 2002 RG_{121} 9 14.9 21°.99 4°.2/17.8 18

8 9	23 57.15	+ 5 56.1	1.210	2.053	20.6	19.2
8 19	23 53.52	+ 6 31.8	1.148	2.058	16.6	19.0
8 29	23 46.93	+ 6 45.6	1.104	2.064	11.9	18.7
9 8	23 38.19	+ 6 37.8	1.080	2.071	7.1	18.5
9 18	23 28.50	+ 6 11.8	1.080	2.079	4.2	18.3
9 28	23 19.36	+ 5 34.4	1.104	2.087	7.2	18.5
10 8	23 12.15	+ 4 54.3	1.150	2.096	11.9	18.8
10 18	23 7.76	+ 4 19.6	1.218	2.106	16.2	19.1

360747 2004 VP_{66} 9 14.9 323°.49 4°.3/10.4 18

8 9	23 54.75	−14 12.0	2.114	2.977	12.2	20.0
8 19	23 50.52	−14 57.3	2.042	2.972	9.3	19.8
8 29	23 44.41	−15 44.6	1.994	2.967	6.4	19.7
9 8	23 37.01	−16 28.0	1.972	2.962	4.4	19.5
9 18	23 29.03	−17 1.8	1.977	2.958	5.2	19.6
9 28	23 21.37	−17 21.3	2.010	2.954	7.9	19.7
10 8	23 14.84	−17 23.9	2.067	2.949	10.9	19.9
10 18	23 10.06	−17 9.1	2.147	2.945	13.6	20.1

275693 2000 SU_{201} 9 14.9 20°.54 0°.7/14.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 53.28	− 2 9.9	1.205	2.080	18.7	20.1
8 19	23 50.40	− 2 35.0	1.151	2.087	14.3	19.8
8 29	23 44.79	− 3 16.4	1.116	2.095	9.2	19.6
9 8	23 37.25	− 4 8.2	1.102	2.105	3.7	19.3
9 18	23 28.94	− 5 2.2	1.112	2.115	2.2	19.2
9 28	23 21.25	− 5 49.4	1.146	2.127	7.6	19.6
10 8	23 15.39	− 6 22.6	1.204	2.139	12.5	19.9
10 18	23 12.12	− 6 38.0	1.281	2.153	16.7	20.2

237211 2008 UV_{315} 9 14.9 285°.10 1°.1/13.9 18

8 9	23 55.20	− 3 22.1	1.737	2.589	14.9	20.7
8 19	23 51.32	− 3 53.8	1.654	2.578	11.4	20.5
8 29	23 45.20	− 4 37.7	1.592	2.568	7.4	20.2
9 8	23 37.43	− 5 29.4	1.555	2.557	3.0	19.9
9 18	23 28.83	− 6 22.5	1.545	2.547	2.2	19.8
9 28	23 20.49	− 7 10.2	1.562	2.536	6.7	20.1
10 8	23 13.44	− 7 46.4	1.604	2.526	11.0	20.3
10 18	23 8.45	− 8 7.3	1.668	2.516	14.7	20.5

164631 1994 RF_{9} 9 14.9 80°.23 0°.5/14.5 16

8 9	0 1.55	− 3 32.7	1.777	2.616	15.2	20.1
8 19	23 55.73	− 3 36.9	1.721	2.637	11.6	19.9
8 29	23 47.75	− 3 50.6	1.687	2.658	7.4	19.7
9 8	23 38.35	− 4 9.8	1.678	2.679	3.0	19.5
9 18	23 28.48	− 4 30.0	1.696	2.700	1.6	19.4
9 28	23 19.20	− 4 46.5	1.744	2.720	5.9	19.7
10 8	23 11.45	− 4 55.4	1.817	2.740	9.8	20.0
10 18	23 5.84	− 4 54.3	1.915	2.760	13.2	20.3

8447 Cornejo 9 14.9 44°.53 2°.7/13.2 18

8 9	0 1.16	− 7 54.9	1.232	2.104	18.5	17.0
8 19	23 56.37	− 8 10.2	1.178	2.114	14.1	16.8
8 29	23 48.63	− 8 33.9	1.145	2.124	9.0	16.5
9 8	23 38.83	− 8 59.5	1.134	2.135	4.1	16.3
9 18	23 28.28	− 9 19.8	1.147	2.146	3.9	16.3
9 28	23 18.50	− 9 28.2	1.185	2.158	8.6	16.6
10 8	23 10.79	− 9 21.0	1.247	2.170	13.3	16.9
10 18	23 5.94	− 8 57.3	1.328	2.182	17.4	17.2

218724 2005 UA_{160} 9 14.9 9°.89 3°.5/18.9 18

8 9	23 51.94	+10 3.1	2.082	2.876	14.8	20.1
8 19	23 48.44	+ 9 52.8	1.998	2.876	12.1	19.9
8 29	23 43.12	+ 9 23.5	1.935	2.877	8.9	19.7
9 8	23 36.50	+ 8 36.6	1.896	2.877	5.6	19.5
9 18	23 29.28	+ 7 35.4	1.883	2.878	3.5	19.4
9 28	23 22.31	+ 6 25.5	1.898	2.879	5.1	19.5
10 8	23 16.39	+ 5 13.8	1.940	2.880	8.3	19.7
10 18	23 12.15	+ 4 6.6	2.008	2.881	11.5	19.9

218552 2005 EM_{28} 9 14.9 88°.50 2°.3/12.8 18

8 9	23 55.27	− 2 52.4	1.436	2.298	16.9	19.6
8 19	23 51.51	− 4 17.2	1.380	2.311	12.8	19.4
8 29	23 45.31	− 5 58.3	1.346	2.325	8.1	19.1
9 8	23 37.43	− 7 46.6	1.337	2.339	3.4	18.9
9 18	23 28.90	− 9 31.4	1.354	2.352	3.6	19.0
9 28	23 20.93	−11 2.2	1.397	2.366	8.1	19.3
10 8	23 14.59	−12 11.4	1.465	2.379	12.4	19.6
10 18	23 10.58	−12 55.8	1.554	2.392	16.1	19.8

443356 2014 GF_{36} 9 14.9 29°.90 3°.5/11.9 18

8 9	23 55.60	− 9 43.5	1.674	2.541	14.6	20.7
8 19	23 51.51	−10 27.0	1.612	2.546	11.1	20.5
8 29	23 45.21	−11 16.8	1.573	2.551	7.2	20.2
9 8	23 37.38	−12 6.1	1.558	2.556	3.9	20.1
9 18	23 28.93	−12 48.3	1.569	2.562	4.5	20.1
9 28	23 20.94	−13 17.0	1.607	2.568	8.0	20.3
10 8	23 14.39	−13 28.6	1.669	2.574	11.7	20.6
10 18	23 9.95	−13 22.0	1.753	2.581	15.0	20.8

286783 2002 JF_{86} 9 14.9 76°.16 4°.4/10.3 18

8 9	23 56.52	−15 29.2	2.222	3.081	11.8	20.3
8 19	23 51.68	−16 10.0	2.161	3.087	9.1	20.1
8 29	23 45.06	−16 51.0	2.123	3.093	6.3	20.0
9 8	23 37.25	−17 26.7	2.111	3.099	4.5	19.9
9 18	23 28.99	−17 52.1	2.128	3.105	5.2	19.9
9 28	23 21.12	−18 3.2	2.172	3.111	7.7	20.1
10 8	23 14.40	−17 58.2	2.241	3.117	10.4	20.3
10 18	23 9.40	−17 37.1	2.333	3.123	12.9	20.5

90695 1981 ES_{39} 9 14.9 275°.45 0°.7/15.6 18

8 9	23 53.42	+ 1 11.8	2.263	3.088	12.8	20.1
8 19	23 49.50	+ 0 52.3	2.165	3.072	10.0	19.9
8 29	23 43.82	+ 0 20.4	2.090	3.056	6.7	19.6
9 8	23 36.82	− 0 21.3	2.040	3.039	3.0	19.4
9 18	23 29.15	− 1 8.9	2.019	3.022	1.1	19.2
9 28	23 21.61	− 1 57.5	2.026	3.005	4.9	19.4
10 8	23 14.99	− 2 41.6	2.060	2.988	8.5	19.6
10 18	23 9.95	− 3 17.1	2.119	2.971	11.8	19.8

152761 1999 *LE* 9 14.9 40°.14 1°.5/13.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 51.86	− 1 15.4	1.334	2.201	17.6	18.9
8 19	23 49.03	− 2 29.1	1.282	2.216	13.3	18.6
8 29	23 43.74	− 4 0.8	1.252	2.231	8.5	18.4
9 8	23 36.79	− 5 42.0	1.244	2.247	3.4	18.2
9 18	23 29.21	− 7 22.3	1.262	2.263	2.8	18.2
9 28	23 22.21	− 8 50.6	1.305	2.280	7.7	18.5
10 8	23 16.85	− 9 59.1	1.373	2.298	12.2	18.8
10 18	23 13.81	−10 43.7	1.461	2.316	16.0	19.1

454574 2014 PS_{14} 9 14.9 78°.67 3°.0/10.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 51.29	− 7 50.3	2.278	3.133	11.7	20.8
8 19	23 47.64	− 9 20.6	2.221	3.149	8.7	20.6
8 29	23 42.43	−10 57.8	2.189	3.166	5.6	20.5
9 8	23 36.16	−12 35.4	2.185	3.182	3.2	20.3
9 18	23 29.48	−14 6.3	2.210	3.198	3.9	20.4
9 28	23 23.13	−15 24.3	2.263	3.214	6.8	20.6
10 8	23 17.78	−16 25.1	2.344	3.229	9.6	20.8
10 18	23 13.92	−17 6.7	2.447	3.245	12.2	21.0

183055 2002 QM_{91} 9 14.9 211°.64 0°.8/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	0 0.21	+ 0 0.8	1.607	2.445	16.6	20.8
8 19	23 55.29	+ 0 1.0	1.529	2.443	12.9	20.5
8 29	23 47.85	− 0 12.8	1.472	2.440	8.7	20.3
9 8	23 38.56	− 0 37.6	1.438	2.438	3.9	20.0
9 18	23 28.39	− 1 8.8	1.431	2.435	1.5	19.8
9 28	23 18.58	− 1 40.5	1.451	2.432	6.3	20.1
10 8	23 10.29	− 2 6.5	1.497	2.428	10.9	20.4
10 18	23 4.36	− 2 22.5	1.566	2.425	14.9	20.6

119000 2000 YV_{55} 9 14.9 214°.30 8°.9/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 55.91	−32 11.0	2.504	3.348	11.1	18.9
8 19	23 51.37	−33 49.2	2.456	3.343	9.7	18.8
8 29	23 44.97	−35 17.9	2.432	3.338	9.0	18.8
9 8	23 37.26	−36 29.6	2.433	3.334	9.1	18.8
9 18	23 28.99	−37 18.5	2.459	3.328	10.1	18.8
9 28	23 21.05	−37 41.3	2.509	3.323	11.6	18.9
10 8	23 14.24	−37 37.8	2.579	3.317	13.2	19.0
10 18	23 9.18	−37 10.0	2.667	3.311	14.7	19.2

262825 2007 AD_{23} 9 14.9 82°.59 6°.6/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 56.10	+18 51.3	2.276	3.004	15.5	20.3
8 19	23 51.45	+19 25.5	2.203	3.020	13.3	20.2
8 29	23 44.99	+19 39.2	2.148	3.036	10.8	20.1
9 8	23 37.27	+19 31.3	2.117	3.052	8.4	19.9
9 18	23 29.00	+19 2.6	2.110	3.069	6.8	19.9
9 28	23 21.03	+18 16.4	2.130	3.084	6.8	19.9
10 8	23 14.17	+17 18.6	2.177	3.100	8.5	20.0
10 18	23 9.02	+16 15.7	2.250	3.116	10.7	20.2

451926 2014 KP_{90} 9 14.9 13°.23 5°.3/20.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 50.09	+13 29.4	1.786	2.576	17.0	20.1
8 19	23 47.31	+13 37.2	1.711	2.580	14.2	19.9
8 29	23 42.52	+13 21.8	1.655	2.586	10.9	19.7
9 8	23 36.30	+12 43.6	1.621	2.591	7.6	19.6
9 18	23 29.42	+11 45.3	1.612	2.598	5.4	19.4
9 28	23 22.86	+10 33.0	1.629	2.606	6.2	19.5
10 8	23 17.52	+ 9 14.8	1.671	2.614	9.1	19.7
10 18	23 14.06	+ 7 58.7	1.737	2.623	12.3	19.9

71638 2000 EL_{90} 9 14.9 282°.87 2°.7/18.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 50.17	+11 10.4	2.445	3.226	13.2	19.0
8 19	23 46.96	+10 19.2	2.333	3.204	10.8	18.7
8 29	23 42.15	+ 9 7.2	2.242	3.182	7.9	18.5
9 8	23 36.13	+ 7 36.2	2.177	3.160	4.8	18.3
9 18	23 29.48	+ 5 50.0	2.140	3.138	2.7	18.1
9 28	23 22.92	+ 3 55.3	2.134	3.115	4.5	18.2
10 8	23 17.17	+ 1 59.9	2.157	3.093	7.7	18.4
10 18	23 12.83	+ 0 11.4	2.207	3.070	11.0	18.5

452730 2006 AM_{85} 9 14.9 216°.25 5°.3/21.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 54.95	+17 32.7	2.921	3.641	12.6	21.6
8 19	23 50.32	+17 58.7	2.819	3.634	10.8	21.4
8 29	23 44.19	+18 9.0	2.738	3.627	8.7	21.3
9 8	23 36.94	+18 2.9	2.680	3.619	6.7	21.1
9 18	23 29.13	+17 40.6	2.650	3.611	5.4	21.0
9 28	23 21.42	+17 4.5	2.647	3.603	5.6	21.0
10 8	23 14.48	+16 18.5	2.673	3.594	7.2	21.1
10 18	23 8.84	+15 27.4	2.726	3.585	9.3	21.3

237594 2001 FT_{179} 9 14.9 88°.88 6°.4/ 9.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	0 1.31	−19 25.5	1.830	2.692	13.8	19.9
8 19	23 55.63	−20 14.2	1.780	2.703	10.8	19.7
8 29	23 47.74	−20 59.6	1.752	2.715	8.0	19.5
9 8	23 38.38	−21 34.3	1.749	2.726	6.4	19.5
9 18	23 28.55	−21 52.1	1.773	2.738	7.3	19.6
9 28	23 19.33	−21 49.3	1.823	2.749	9.8	19.7
10 8	23 11.68	−21 25.3	1.898	2.760	12.6	19.9
10 18	23 6.22	−20 41.9	1.993	2.772	15.2	20.2

443500 2014 JS_{35} 9 14.9 39°.54 0°.3/14.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 53.38	− 1 1.2	1.870	2.714	14.3	21.2
8 19	23 49.64	− 1 35.1	1.799	2.718	11.0	21.0
8 29	23 43.94	− 2 22.0	1.749	2.722	7.1	20.8
9 8	23 36.86	− 3 17.4	1.725	2.726	2.9	20.6
9 18	23 29.19	− 4 15.8	1.728	2.731	1.5	20.5
9 28	23 21.87	− 5 10.5	1.758	2.736	5.7	20.8
10 8	23 15.75	− 5 55.8	1.814	2.740	9.7	21.0
10 18	23 11.47	− 6 27.8	1.894	2.745	13.1	21.2

275347 2010 XV_{60} 9 14.9 321°.17 29°.0/24.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	0 5.88	+35 34.3	1.026	1.718	32.4	19.8
8 19	0 3.35	+40 22.7	0.961	1.700	31.4	19.6
8 29	23 55.84	+44 46.3	0.909	1.683	30.4	19.4
9 8	23 43.09	+48 26.2	0.868	1.667	29.6	19.3
9 18	23 25.92	+51 2.2	0.840	1.652	29.1	19.2
9 28	23 7.01	+52 20.4	0.823	1.639	29.0	19.1
10 8	22 50.19	+52 20.9	0.816	1.626	29.4	19.1
10 18	22 38.88	+51 16.4	0.818	1.615	30.2	19.1

168611 2000 AJ_{214} 9 14.9 185°.77 0°.1/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 55.06	− 0 22.5	2.210	3.039	12.9	21.1
8 19	23 50.67	− 0 54.6	2.129	3.039	10.0	20.9
8 29	23 44.50	− 1 38.4	2.070	3.039	6.5	20.7
9 8	23 37.09	− 2 30.5	2.037	3.038	2.7	20.4
9 18	23 29.10	− 3 26.0	2.033	3.037	1.2	20.3
9 28	23 21.37	− 4 19.5	2.058	3.035	5.1	20.6
10 8	23 14.67	− 5 5.7	2.111	3.033	8.7	20.8
10 18	23 9.61	− 5 40.9	2.188	3.031	11.8	21.0

305376 2008 CS_{11} 9 14.9 275°.20 2°.8/11.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 53.13	− 7 53.6	2.017	2.875	12.9	20.9
8 19	23 49.40	− 8 52.3	1.940	2.869	9.7	20.7
8 29	23 43.79	− 9 59.2	1.886	2.863	6.3	20.4
9 8	23 36.81	−11 8.4	1.858	2.857	3.2	20.2
9 18	23 29.22	−12 13.2	1.858	2.851	3.8	20.3
9 28	23 21.88	−13 7.2	1.885	2.845	7.1	20.5
10 8	23 15.64	−13 45.6	1.939	2.839	10.6	20.7
10 18	23 11.16	−14 6.1	2.015	2.833	13.7	20.9

86241 1999 TE_{120} 9 14.9 95°.89 0°.3/15.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 56.26	− 1 13.6	2.230	3.059	12.8	18.5
8 19	23 51.50	− 1 19.6	2.155	3.065	9.9	18.3
8 29	23 44.99	− 1 35.2	2.102	3.070	6.5	18.1
9 8	23 37.27	− 1 57.4	2.075	3.075	2.8	17.9
9 18	23 29.03	− 2 22.9	2.077	3.081	1.1	17.8
9 28	23 21.10	− 2 47.4	2.108	3.086	4.9	18.1
10 8	23 14.24	− 3 7.0	2.166	3.091	8.3	18.3
10 18	23 9.04	− 3 18.7	2.249	3.096	11.4	18.5

518330 2017 BN_{112} 9 14.9 290°.17 1°.8/13.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 55.71	− 7 37.6	2.257	3.105	12.1	21.1
8 19	23 51.15	− 7 57.4	2.175	3.098	9.2	20.9
8 29	23 44.81	− 8 22.9	2.116	3.091	5.9	20.6
9 8	23 37.22	− 8 50.0	2.084	3.084	2.7	20.4
9 18	23 29.05	− 9 14.6	2.080	3.078	2.6	20.4
9 28	23 21.13	− 9 32.4	2.104	3.071	5.9	20.6
10 8	23 14.24	− 9 40.2	2.155	3.065	9.2	20.8
10 18	23 8.99	− 9 36.0	2.231	3.058	12.2	21.0

438805 2008 YB_{84} 9 14.9 96°.36 5°.7/20.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 58.38	+14 10.9	2.020	2.782	16.2	20.8
8 19	23 53.36	+14 41.9	1.948	2.797	13.6	20.7
8 29	23 46.31	+14 52.9	1.896	2.813	10.6	20.5
9 8	23 37.84	+14 43.3	1.867	2.828	7.6	20.4
9 18	23 28.78	+14 14.5	1.865	2.842	5.8	20.3
9 28	23 20.07	+13 30.6	1.889	2.857	6.4	20.4
10 8	23 12.63	+12 38.1	1.940	2.871	8.8	20.5
10 18	23 7.11	+11 43.6	2.017	2.886	11.6	20.7

403380 2009 MF_{9} 9 14.9 8°.93 8°.7/ 5.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 45.41	−17 18.5	1.282	2.187	15.7	19.1
8 19	23 44.38	−19 37.2	1.242	2.191	12.3	18.9
8 29	23 40.88	−21 56.3	1.224	2.197	9.5	18.8
9 8	23 35.66	−24 1.6	1.230	2.205	8.8	18.8
9 18	23 29.75	−25 40.6	1.258	2.214	10.6	18.9
9 28	23 24.37	−26 44.6	1.309	2.225	13.6	19.1
10 8	23 20.58	−27 11.3	1.380	2.238	16.7	19.3
10 18	23 19.05	−27 2.9	1.467	2.252	19.4	19.6

138159 2000 EC_{85} 9 14.9 173°.10 3°.8/18.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 57.67	+10 29.0	2.037	2.819	15.5	20.5
8 19	23 52.87	+10 25.6	1.952	2.822	12.6	20.4
8 29	23 46.04	+10 2.9	1.888	2.825	9.3	20.2
9 8	23 37.76	+ 9 21.7	1.848	2.827	6.0	20.0
9 18	23 28.80	+ 8 25.1	1.835	2.829	3.8	19.8
9 28	23 20.12	+ 7 18.5	1.851	2.829	5.4	19.9
10 8	23 12.61	+ 6 9.1	1.894	2.829	8.7	20.1
10 18	23 6.97	+ 5 3.5	1.963	2.829	12.0	20.3

67597 2000 SA_{141} 9 14.9 52°.49 2°.0/16.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	0 0.56	+ 2 0.7	1.161	2.015	20.6	19.0
8 19	23 56.02	+ 2 13.3	1.111	2.031	16.1	18.7
8 29	23 48.45	+ 2 6.3	1.078	2.048	10.9	18.5
9 8	23 38.80	+ 1 42.8	1.067	2.065	5.3	18.3
9 18	23 28.39	+ 1 8.6	1.080	2.083	2.2	18.1
9 28	23 18.78	+ 0 31.4	1.117	2.101	7.1	18.5
10 8	23 11.30	− 0 0.5	1.177	2.119	12.1	18.8
10 18	23 6.74	− 0 21.6	1.259	2.137	16.5	19.1

218345 2004 EO_{10} 9 14.9 213°.73 0°.3/15.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 56.98	+ 0 43.5	1.777	2.612	15.4	21.1
8 19	23 52.63	+ 0 13.2	1.694	2.607	11.9	20.8
8 29	23 46.04	− 0 32.6	1.633	2.602	7.9	20.6
9 8	23 37.81	− 1 30.2	1.596	2.596	3.4	20.3
9 18	23 28.79	− 2 33.7	1.587	2.590	1.4	20.2
9 28	23 20.04	− 3 36.0	1.605	2.584	6.0	20.5
10 8	23 12.59	− 4 30.0	1.650	2.577	10.3	20.7
10 18	23 7.21	− 5 10.8	1.718	2.570	14.1	20.9

278474 2007 TS_{287} 9 14.9 19°.73 7°.9/ 9.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 52.68	−13 49.2	0.932	1.841	19.7	19.0
8 19	23 50.63	−15 22.6	0.893	1.847	15.1	18.7
8 29	23 45.25	−17 1.0	0.872	1.854	10.6	18.5
9 8	23 37.54	−18 29.6	0.871	1.863	8.0	18.4
9 18	23 28.97	−19 34.5	0.891	1.873	9.5	18.5
9 28	23 21.28	−20 6.1	0.932	1.884	13.6	18.8
10 8	23 15.88	−20 1.9	0.992	1.896	17.8	19.1
10 18	23 13.56	−19 25.2	1.069	1.910	21.5	19.4

189912 2003 SJ_{117} 9 14.9 255°.99 2°.8/18.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 50.71	+ 9 55.1	2.588	3.371	12.5	20.1
8 19	23 47.21	+ 9 31.8	2.489	3.362	10.2	20.0
8 29	23 42.22	+ 8 52.3	2.412	3.352	7.5	19.8
9 8	23 36.15	+ 7 57.8	2.361	3.342	4.6	19.6
9 18	23 29.55	+ 6 51.3	2.337	3.332	2.8	19.4
9 28	23 23.09	+ 5 37.7	2.342	3.322	4.3	19.5
10 8	23 17.43	+ 4 22.5	2.376	3.312	7.1	19.7
10 18	23 13.11	+ 3 11.5	2.436	3.302	10.0	19.9

127351 2002 JD_{123} 9 14.9 19°.18 1°.9/12.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 48.07	− 2 20.3	1.647	2.511	15.0	18.4
8 19	23 45.80	− 3 45.1	1.587	2.520	11.3	18.2
8 29	23 41.53	− 5 25.1	1.549	2.529	7.1	18.0
9 8	23 35.89	− 7 12.5	1.537	2.539	2.9	17.8
9 18	23 29.68	− 8 58.1	1.551	2.550	3.1	17.8
9 28	23 23.87	−10 32.4	1.592	2.562	7.1	18.1
10 8	23 19.31	−11 48.0	1.658	2.574	11.1	18.3
10 18	23 16.62	−12 41.2	1.746	2.588	14.4	18.6

340281 2006 BL_{233} 9 14.9 261°.15 0°.4/14.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 56.60	− 1 53.8	1.760	2.604	15.1	21.5
8 19	23 52.39	− 2 17.1	1.676	2.595	11.6	21.3
8 29	23 45.92	− 2 53.3	1.613	2.586	7.6	21.0
9 8	23 37.78	− 3 38.4	1.575	2.577	3.1	20.8
9 18	23 28.82	− 4 27.0	1.564	2.567	1.7	20.6
9 28	23 20.12	− 5 12.2	1.580	2.557	6.3	20.9
10 8	23 12.70	− 5 48.3	1.622	2.548	10.6	21.2
10 18	23 7.36	− 6 11.0	1.687	2.538	14.4	21.4

474688 2005 ER_{141} 9 14.9 269°.16 0°.6/14.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 53.40	− 0 36.5	1.907	2.748	14.2	21.2
8 19	23 49.84	− 1 25.6	1.814	2.732	11.0	21.0
8 29	23 44.23	− 2 30.0	1.744	2.716	7.2	20.7
9 8	23 37.08	− 3 45.4	1.699	2.700	2.9	20.4
9 18	23 29.13	− 5 5.4	1.681	2.684	1.7	20.3
9 28	23 21.34	− 6 22.2	1.691	2.667	6.1	20.5
10 8	23 14.66	− 7 28.6	1.728	2.650	10.3	20.8
10 18	23 9.82	− 8 19.5	1.788	2.633	14.0	21.0

24476 2000 WE_{68} 9 14.9 306°.10 9°.8/ 6.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 59.33	−25 11.4	1.589	2.460	15.1	17.3
8 19	23 54.90	−26 28.8	1.525	2.446	12.5	17.1
8 29	23 47.73	−27 39.8	1.482	2.431	10.4	16.9
9 8	23 38.56	−28 33.7	1.462	2.417	9.8	16.9
9 18	23 28.50	−29 1.5	1.466	2.403	11.1	16.9
9 28	23 18.90	−28 57.6	1.493	2.390	13.6	17.0
10 8	23 11.02	−28 21.5	1.541	2.377	16.5	17.2
10 18	23 5.72	−27 16.8	1.608	2.364	19.2	17.4

377294 2004 FV_{62} 9 14.9 160°.65 1°.6/13.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 59.19	− 5 1.2	1.808	2.654	14.6	21.5
8 19	23 54.15	− 5 36.9	1.737	2.659	11.2	21.3
8 29	23 46.92	− 6 22.5	1.688	2.663	7.1	21.1
9 8	23 38.14	− 7 12.8	1.665	2.667	3.0	20.8
9 18	23 28.70	− 8 1.6	1.670	2.670	2.6	20.8
9 28	23 19.66	− 8 42.6	1.702	2.673	6.7	21.1
10 8	23 12.01	− 9 11.0	1.761	2.675	10.7	21.3
10 18	23 6.44	− 9 24.0	1.843	2.677	14.1	21.6

397182 2006 AZ_{40} 9 14.9 21°.22 14°.1/30.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	0 1.66	+33 3.2	1.930	2.557	20.7	20.4
8 19	23 56.77	+35 16.7	1.859	2.564	19.1	20.3
8 29	23 49.11	+37 3.7	1.804	2.573	17.5	20.2
9 8	23 39.24	+38 17.5	1.766	2.582	15.9	20.1
9 18	23 28.14	+38 53.0	1.747	2.591	14.7	20.0
9 28	23 17.14	+38 49.6	1.749	2.602	14.1	20.0
10 8	23 7.61	+38 11.9	1.771	2.613	14.4	20.0
10 18	23 0.60	+37 8.6	1.813	2.625	15.2	20.1

454854 2015 SU_5 9 14.9 26°.19 5°.2/19.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 56.46	+ 9 49.5	1.682	2.485	17.4	20.1
8 19	23 52.25	+10 33.5	1.615	2.494	14.3	19.9
8 29	23 45.78	+10 58.2	1.566	2.505	10.8	19.7
9 8	23 37.69	+11 3.2	1.540	2.516	7.3	19.6
9 18	23 28.90	+10 49.9	1.540	2.529	5.2	19.5
9 28	23 20.51	+10 22.7	1.565	2.541	6.5	19.6
10 8	23 13.55	+ 9 48.0	1.616	2.555	9.7	19.8
10 18	23 8.74	+ 9 12.4	1.690	2.569	12.9	20.0

135742 2002 PB_{171} 9 14.9 70°.13 0°.0/15.6 06 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 34.11	− 1 7.5	41.867	42.680	0.8	23.7
8 19	23 33.50	− 1 11.0	41.782	42.684	0.6	23.7
8 29	23 32.83	− 1 15.0	41.723	42.687	0.4	23.6
9 8	23 32.12	− 1 19.3	41.692	42.690	0.2	23.6
9 18	23 31.38	− 1 23.8	41.690	42.694	0.1	23.6
9 28	23 30.65	− 1 28.3	41.718	42.697	0.3	23.6
10 8	23 29.96	− 1 32.7	41.775	42.700	0.5	23.7
10 18	23 29.33	− 1 36.7	41.860	42.704	0.7	23.7

139723 2001 QB_{246} 9 14.9 318°.05 1°.9/13.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	0 0.49	− 8 13.6	1.760	2.613	14.7	19.6
8 19	23 55.39	− 8 8.5	1.675	2.600	11.3	19.4
8 29	23 47.89	− 8 8.4	1.612	2.587	7.4	19.1
9 8	23 38.61	− 8 9.3	1.574	2.575	3.2	18.9
9 18	23 28.48	− 8 6.9	1.563	2.563	2.8	18.8
9 28	23 18.63	− 7 57.2	1.580	2.552	6.9	19.0
10 8	23 10.18	− 7 37.1	1.622	2.541	11.1	19.3
10 18	23 3.95	− 7 5.5	1.688	2.530	14.8	19.5

406272 2007 EW_{67} 9 14.9 113°.44 1°.1/13.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 53.43	− 4 9.6	2.336	3.177	11.9	21.6
8 19	23 49.29	− 4 44.6	2.263	3.182	9.0	21.4
8 29	23 43.54	− 5 27.9	2.213	3.187	5.8	21.2
9 8	23 36.69	− 6 15.5	2.190	3.191	2.4	21.0
9 18	23 29.36	− 7 2.8	2.195	3.196	1.9	21.0
9 28	23 22.31	− 7 45.0	2.229	3.200	5.3	21.2
10 8	23 16.24	− 8 17.9	2.290	3.205	8.5	21.4
10 18	23 11.69	− 8 38.9	2.376	3.209	11.4	21.6

337997 2002 EO_{19} 9 14.9 242°.88 2°.1/19.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 47.31	+ 9 58.2	4.763	5.522	7.5	20.6
8 19	23 43.93	+ 9 59.5	4.661	5.516	6.1	20.5
8 29	23 39.76	+ 9 52.7	4.583	5.510	4.6	20.4
9 8	23 35.05	+ 9 38.6	4.532	5.504	3.1	20.3
9 18	23 30.08	+ 9 18.1	4.510	5.498	2.1	20.2
9 28	23 25.19	+ 8 53.0	4.517	5.492	2.7	20.3
10 8	23 20.71	+ 8 25.4	4.554	5.485	4.2	20.4
10 18	23 16.92	+ 7 57.6	4.619	5.479	5.7	20.5

491817 2013 AF_1 9 14.9 274°.16 3°.9/ 7.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 49.96	−23 31.9	4.368	5.215	6.7	21.0
8 19	23 45.98	−24 4.7	4.302	5.211	5.4	20.9
8 29	23 41.09	−24 34.3	4.261	5.208	4.3	20.8
9 8	23 35.59	−24 58.1	4.249	5.205	3.9	20.8
9 18	23 29.85	−25 13.4	4.264	5.201	4.4	20.8
9 28	23 24.27	−25 18.5	4.308	5.198	5.6	20.9
10 8	23 19.24	−25 12.6	4.378	5.194	6.9	21.0
10 18	23 15.07	−24 55.5	4.471	5.191	8.2	21.1

137267 1999 RS_{131} 9 14.9 332°.50 4°.5/18.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 52.71	+ 8 39.4	1.257	2.093	20.3	19.1
8 19	23 50.26	+ 8 50.0	1.179	2.084	16.6	18.8
8 29	23 44.99	+ 8 34.2	1.119	2.076	12.2	18.6
9 8	23 37.54	+ 7 52.2	1.080	2.068	7.5	18.3
9 18	23 28.96	+ 6 47.9	1.063	2.061	4.5	18.1
9 28	23 20.68	+ 5 29.9	1.069	2.054	7.2	18.2
10 8	23 14.07	+ 4 9.5	1.099	2.048	12.0	18.5
10 18	23 10.15	+ 2 57.5	1.150	2.043	16.6	18.7

408091 2012 HB_{61} 9 14.9 245°.00 4°.9/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 51.21	+18 25.5	2.801	3.525	13.0	21.2
8 19	23 47.57	+18 13.1	2.692	3.512	11.1	21.1
8 29	23 42.46	+17 41.6	2.604	3.499	8.9	20.9
9 8	23 36.28	+16 50.8	2.540	3.486	6.7	20.7
9 18	23 29.56	+15 42.3	2.502	3.473	5.1	20.6
9 28	23 22.96	+14 19.9	2.494	3.459	5.3	20.6
10 8	23 17.12	+12 49.2	2.514	3.445	7.1	20.7
10 18	23 12.57	+11 16.5	2.561	3.430	9.4	20.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
154202 2002 HK_3			9 14.9	75°.63	6°.4/ 8.7	18
	h m	° ′			°	m
8 9	23 59.70	−22 9.6	2.186	3.041	12.1	19.4
8 19	23 54.12	−22 53.7	2.135	3.052	9.6	19.3
8 29	23 46.65	−23 32.6	2.108	3.063	7.4	19.2
9 8	23 37.96	−24 0.3	2.107	3.074	6.4	19.1
9 18	23 28.87	−24 11.8	2.133	3.085	7.2	19.2
9 28	23 20.30	−24 4.1	2.185	3.096	9.2	19.4
10 8	23 13.05	−23 37.0	2.263	3.107	11.6	19.5
10 18	23 7.68	−22 52.2	2.362	3.118	13.7	19.7
93523 2000 TQ_{67}			9 14.9	112°.87	0°.5/14.5	18
8 9	23 59.13	− 2 19.6	1.913	2.748	14.4	19.1
8 19	23 53.87	− 2 43.8	1.849	2.764	11.0	18.9
8 29	23 46.61	− 3 18.7	1.809	2.780	7.1	18.7
9 8	23 37.98	− 4 0.1	1.794	2.795	2.9	18.5
9 18	23 28.85	− 4 42.8	1.806	2.809	1.6	18.4
9 28	23 20.17	− 5 21.4	1.848	2.823	5.7	18.7
10 8	23 12.84	− 5 50.9	1.916	2.837	9.5	19.0
10 18	23 7.46	− 6 8.6	2.008	2.850	12.8	19.2
342321 2008 TJ_{83}			9 14.9	43°.90	3°.0/17.8	16
8 9	23 53.77	+ 7 29.3	1.529	2.354	17.9	21.1
8 19	23 50.38	+ 7 14.9	1.461	2.361	14.3	20.9
8 29	23 44.65	+ 6 37.9	1.413	2.369	10.2	20.7
9 8	23 37.26	+ 5 40.8	1.387	2.377	5.8	20.4
9 18	23 29.15	+ 4 29.1	1.386	2.386	3.0	20.3
9 28	23 21.47	+ 3 10.9	1.411	2.395	5.9	20.5
10 8	23 15.26	+ 1 55.6	1.462	2.404	10.2	20.8
10 18	23 11.27	+ 0 50.6	1.535	2.413	14.1	21.0
469295 1996 XL_{24}			9 14.9	346°.52	12°.3/24.5	17
8 9	23 48.37	+20 11.4	1.183	1.976	23.8	20.2
8 19	23 47.31	+21 46.3	1.106	1.961	21.2	19.9
8 29	23 43.32	+22 50.7	1.043	1.948	18.1	19.7
9 8	23 36.95	+23 17.4	0.997	1.936	15.0	19.5
9 18	23 29.21	+23 2.3	0.969	1.927	12.8	19.3
9 28	23 21.65	+22 7.3	0.961	1.919	12.5	19.3
10 8	23 15.81	+20 42.2	0.973	1.913	14.3	19.4
10 18	23 12.86	+19 0.6	1.004	1.909	17.4	19.5
39062 2000 US_{109}			9 14.9	4°.72	5°.3/ 9.9	18 R
8 9	23 48.26	−10 59.2	1.358	2.251	15.8	17.2
8 19	23 46.42	−12 21.8	1.304	2.251	12.0	17.0
8 29	23 42.18	−13 52.4	1.270	2.252	8.0	16.7
9 8	23 36.25	−15 20.8	1.260	2.255	5.4	16.6
9 18	23 29.60	−16 36.6	1.273	2.259	6.6	16.7
9 28	23 23.43	−17 30.9	1.311	2.264	10.3	16.9
10 8	23 18.79	−17 58.9	1.371	2.271	14.1	17.2
10 18	23 16.38	−17 59.7	1.450	2.280	17.5	17.4
281541 2008 UC_6			9 14.9	13°.60	0°.8/14.3	18
8 9	23 52.94	− 2 26.9	1.231	2.105	18.4	20.0
8 19	23 50.19	− 2 50.3	1.173	2.109	14.1	19.8
8 29	23 44.72	− 3 29.7	1.134	2.114	9.1	19.5
9 8	23 37.33	− 4 19.0	1.117	2.120	3.7	19.2
9 18	23 29.13	− 5 10.6	1.124	2.127	2.2	19.1
9 28	23 21.50	− 5 55.7	1.155	2.135	7.6	19.5
10 8	23 15.63	− 6 27.1	1.209	2.145	12.5	19.8
10 18	23 12.32	− 6 40.8	1.283	2.155	16.7	20.1
410720 2009 BC_{70}			9 14.9	238°.70	7°.0/ 6.7	18
8 9	23 55.38	−19 54.9	2.012	2.879	12.5	21.3
8 19	23 51.27	−21 31.1	1.945	2.871	9.9	21.1
8 29	23 45.09	−23 6.8	1.903	2.862	7.8	20.9
9 8	23 37.43	−24 33.4	1.887	2.854	7.0	20.9
9 18	23 29.08	−25 42.6	1.897	2.845	8.3	20.9
9 28	23 21.01	−26 28.3	1.933	2.835	10.7	21.1
10 8	23 14.17	−26 48.0	1.993	2.826	13.3	21.2
10 18	23 9.24	−26 42.2	2.072	2.816	15.8	21.4
145612 2006 QQ_{45}			9 14.9	40°.34	4°.4/12.2	17
8 9	0 0.94	−11 2.1	1.193	2.073	18.4	19.7
8 19	23 56.33	−11 32.0	1.143	2.082	14.1	19.5
8 29	23 48.68	−12 7.4	1.112	2.092	9.2	19.2
9 8	23 38.95	−12 40.1	1.104	2.102	5.0	19.1
9 18	23 28.47	−13 1.7	1.120	2.114	5.5	19.1
9 28	23 18.80	−13 5.9	1.160	2.125	9.8	19.4
10 8	23 11.27	−12 50.0	1.222	2.137	14.3	19.7
10 18	23 6.65	−12 14.5	1.304	2.149	18.1	20.0
228150 2009 SJ_{38}			9 14.9	306°.64	0°.2/14.5	18
8 9	23 47.35	− 2 47.1	4.090	4.916	7.5	20.7
8 19	23 44.08	− 3 5.9	3.997	4.907	5.7	20.5
8 29	23 39.93	− 3 29.9	3.929	4.899	3.7	20.4
9 8	23 35.15	− 3 57.1	3.890	4.890	1.5	20.2
9 18	23 30.10	− 4 25.3	3.879	4.882	0.8	20.1
9 28	23 25.15	− 4 52.2	3.899	4.874	3.1	20.3
10 8	23 20.67	− 5 15.5	3.948	4.866	5.2	20.4
10 18	23 16.99	− 5 33.4	4.024	4.858	7.1	20.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
469773 2005 QB_{76}			9 14.9	29°.91	4°.1/17.9	16
	h m	° ′			°	m
8 9	23 55.87	+ 6 26.8	1.162	2.008	21.1	20.8
8 19	23 52.54	+ 6 51.8	1.109	2.020	16.9	20.5
8 29	23 46.30	+ 6 52.7	1.072	2.033	12.1	20.3
9 8	23 38.00	+ 6 30.8	1.057	2.048	7.1	20.1
9 18	23 28.87	+ 5 50.6	1.063	2.063	4.1	20.0
9 28	23 20.42	+ 5 0.4	1.094	2.079	7.1	20.2
10 8	23 13.93	+ 4 9.8	1.148	2.095	11.7	20.5
10 18	23 10.21	+ 3 27.0	1.222	2.113	16.0	20.8
351089 2003 UH_{172}			9 14.9	0°.52	3°.6/18.1	18
8 9	23 53.07	+ 7 29.1	1.510	2.337	18.0	20.8
8 19	23 49.99	+ 7 34.7	1.435	2.335	14.5	20.5
8 29	23 44.50	+ 7 18.7	1.379	2.335	10.5	20.3
9 8	23 37.25	+ 6 42.4	1.346	2.334	6.2	20.1
9 18	23 29.17	+ 5 49.6	1.336	2.335	3.6	19.9
9 28	23 21.42	+ 4 47.5	1.352	2.336	6.2	20.1
10 8	23 15.13	+ 3 44.7	1.393	2.338	10.4	20.3
10 18	23 11.09	+ 2 49.0	1.457	2.340	14.4	20.6
448600 2010 TH_{146}			9 14.9	278°.54	2°.6/12.5	18
8 9	23 57.19	− 9 50.1	2.174	3.025	12.3	21.2
8 19	23 52.33	−10 12.6	2.098	3.022	9.4	21.0
8 29	23 45.62	−10 39.4	2.044	3.019	6.1	20.8
9 8	23 37.61	−11 5.9	2.018	3.016	3.1	20.6
9 18	23 29.03	−11 27.6	2.019	3.013	3.4	20.6
9 28	23 20.76	−11 40.2	2.048	3.010	6.5	20.8
10 8	23 13.61	−11 40.8	2.104	3.007	9.8	21.0
10 18	23 8.19	−11 28.3	2.184	3.004	12.7	21.2
398004 2009 BU_{183}			9 14.9	292°.01	6°.3/19.8	18 R
8 9	23 57.56	+12 48.0	1.851	2.629	17.0	20.7
8 19	23 53.44	+13 32.7	1.740	2.601	14.4	20.5
8 29	23 46.89	+13 59.0	1.648	2.572	11.3	20.2
9 8	23 38.36	+14 4.5	1.579	2.544	8.3	20.0
9 18	23 28.62	+13 48.4	1.534	2.515	6.3	19.8
9 28	23 18.77	+13 13.4	1.516	2.486	7.4	19.8
10 8	23 10.00	+12 25.4	1.523	2.457	10.5	19.9
10 18	23 3.32	+11 32.1	1.554	2.429	14.1	20.1
356640 2011 UC_{45}			9 14.9	102°.71	2°.6/17.7	18
8 9	23 54.10	+ 6 48.6	1.995	2.803	14.9	20.7
8 19	23 50.17	+ 6 39.3	1.914	2.805	11.9	20.5
8 29	23 44.32	+ 6 12.7	1.854	2.807	8.4	20.3
9 8	23 37.10	+ 5 30.9	1.819	2.808	4.8	20.1
9 18	23 29.26	+ 4 37.4	1.810	2.810	2.6	19.9
9 28	23 21.69	+ 3 38.0	1.830	2.812	5.0	20.1
10 8	23 15.24	+ 2 39.2	1.876	2.813	8.6	20.3
10 18	23 10.58	+ 1 46.7	1.947	2.815	12.0	20.5
165568 2001 DG_{83}			9 14.9	74°.74	1°.1/13.9	18
8 9	23 54.52	− 2 41.6	1.777	2.627	14.7	20.9
8 19	23 50.63	− 3 25.6	1.708	2.632	11.2	20.7
8 29	23 44.67	− 4 22.1	1.661	2.636	7.2	20.4
9 8	23 37.25	− 5 25.9	1.639	2.641	2.9	20.2
9 18	23 29.21	− 6 30.4	1.644	2.646	2.2	20.1
9 28	23 21.54	− 7 28.4	1.677	2.651	6.4	20.4
10 8	23 15.17	− 8 14.1	1.735	2.656	10.4	20.7
10 18	23 10.75	− 8 43.8	1.817	2.661	13.8	20.9
241349 2007 WB_{25}			9 14.9	68°.61	3°.5/18.7	18
8 9	23 53.09	+10 9.5	1.834	2.635	16.3	20.3
8 19	23 49.50	+ 9 49.8	1.763	2.645	13.2	20.1
8 29	23 43.91	+ 9 8.4	1.711	2.656	9.6	19.9
9 8	23 36.93	+ 8 7.4	1.683	2.666	5.9	19.7
9 18	23 29.35	+ 6 51.5	1.680	2.677	3.5	19.6
9 28	23 22.14	+ 5 27.6	1.706	2.688	5.3	19.7
10 8	23 16.18	+ 4 4.1	1.758	2.699	8.9	20.0
10 18	23 12.09	+ 2 48.3	1.835	2.709	12.3	20.2
398581 2011 WM_{56}			9 14.9	334°.48	3°.9/11.3	18
8 9	23 53.35	−10 14.8	1.677	2.549	14.4	20.9
8 19	23 49.98	−11 8.6	1.604	2.540	10.9	20.6
8 29	23 44.39	−12 9.6	1.554	2.533	7.2	20.4
9 8	23 37.18	−13 10.6	1.528	2.526	4.2	20.2
9 18	23 29.23	−14 4.1	1.529	2.519	5.0	20.2
9 28	23 21.61	−14 42.9	1.555	2.513	8.5	20.4
10 8	23 15.32	−15 2.6	1.605	2.507	12.3	20.7
10 18	23 11.12	−15 1.6	1.676	2.502	15.7	20.9
204001 2003 TV_{38}			9 14.9	186°.73	3°.4/18.9	18
8 9	23 55.14	+10 24.2	2.278	3.058	14.1	21.2
8 19	23 50.78	+10 14.9	2.188	3.057	11.5	21.0
8 29	23 44.64	+ 9 47.8	2.120	3.057	8.5	20.8
9 8	23 37.23	+ 9 4.0	2.077	3.056	5.4	20.7
9 18	23 29.21	+ 8 6.4	2.060	3.054	3.4	20.5
9 28	23 21.41	+ 7 0.1	2.073	3.052	4.9	20.6
10 8	23 14.61	+ 5 51.2	2.114	3.049	7.9	20.8
10 18	23 9.43	+ 4 45.9	2.180	3.046	11.0	21.0

467727 2009 HZ_{65} 9 14.9 41°.23 3°.2/12.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 54.38	− 4 36.2	1.036	1.924	20.0	20.8
8 19	23 51.42	− 5 52.3	1.001	1.945	15.0	20.6
8 29	23 45.50	− 7 23.8	0.984	1.967	9.4	20.4
9 8	23 37.61	− 8 59.6	0.988	1.990	4.2	20.1
9 18	23 29.11	−10 27.1	1.016	2.014	4.6	20.3
9 28	23 21.52	−11 35.0	1.067	2.038	9.5	20.6
10 8	23 16.02	−12 17.1	1.139	2.063	14.2	21.0
10 18	23 13.31	−12 32.0	1.231	2.089	18.2	21.3

494459 2016 VQ_{9} 9 14.9 310°.09 1°.3/13.9 18

8 9	23 55.06	− 4 11.4	1.589	2.449	15.7	21.5
8 19	23 51.58	− 4 32.5	1.499	2.428	12.1	21.2
8 29	23 45.64	− 5 5.7	1.430	2.407	7.9	20.9
9 8	23 37.80	− 5 46.6	1.384	2.387	3.3	20.6
9 18	23 28.93	− 6 28.9	1.365	2.367	2.4	20.5
9 28	23 20.23	− 7 5.8	1.371	2.347	7.2	20.8
10 8	23 12.88	− 7 30.8	1.402	2.328	11.9	21.0
10 18	23 7.77	− 7 40.0	1.454	2.309	16.0	21.2

27272 2000 AO_{31} 9 14.9 168°.22 5°.7/ 9.1 18

8 9	23 59.01	−15 41.1	1.889	2.751	13.4	19.3
8 19	23 54.00	−17 1.3	1.828	2.755	10.4	19.1
8 29	23 46.83	−18 23.4	1.791	2.759	7.4	18.9
9 8	23 38.15	−19 38.9	1.779	2.762	5.7	18.8
9 18	23 28.84	−20 40.0	1.795	2.765	6.8	18.9
9 28	23 19.96	−21 20.7	1.838	2.766	9.6	19.1
10 8	23 12.45	−21 38.1	1.905	2.767	12.6	19.3
10 18	23 7.01	−21 32.6	1.993	2.768	15.3	19.5

521647 2015 QB_{18} 9 14.9 6°.78 6°.1/ 8.8 18

8 9	23 54.27	−17 34.0	1.857	2.729	13.2	20.6
8 19	23 50.42	−18 39.0	1.798	2.730	10.2	20.4
8 29	23 44.51	−19 43.5	1.762	2.731	7.5	20.3
9 8	23 37.18	−20 40.0	1.752	2.732	6.1	20.2
9 18	23 29.27	−21 21.5	1.767	2.734	7.1	20.2
9 28	23 21.77	−21 42.8	1.808	2.736	9.7	20.4
10 8	23 15.59	−21 41.7	1.872	2.739	12.6	20.6
10 18	23 11.36	−21 19.1	1.957	2.742	15.2	20.8

219322 2000 FF_{74} 9 14.9 281°.21 0°.1/14.9 18

8 9	23 55.53	− 0 21.3	1.575	2.424	16.3	21.2
8 19	23 51.93	− 0 50.3	1.487	2.408	12.7	20.9
8 29	23 45.86	− 1 36.0	1.419	2.392	8.4	20.6
9 8	23 37.89	− 2 34.4	1.375	2.377	3.5	20.3
9 18	23 28.91	− 3 39.1	1.357	2.361	1.6	20.1
9 28	23 20.11	− 4 41.8	1.365	2.345	6.8	20.4
10 8	23 12.69	− 5 34.6	1.399	2.329	11.6	20.7
10 18	23 7.54	− 6 11.9	1.454	2.313	15.8	20.9

259917 2004 EJ_{24} 9 14.9 127°.48 3°.4/11.8 17

8 9	23 59.27	− 9 15.7	1.778	2.634	14.4	20.9
8 19	23 54.18	−10 13.8	1.719	2.647	10.9	20.7
8 29	23 46.92	−11 18.4	1.684	2.659	7.1	20.5
9 8	23 38.17	−12 22.7	1.673	2.671	3.8	20.3
9 18	23 28.86	−13 19.2	1.691	2.682	4.4	20.4
9 28	23 20.05	−14 1.7	1.736	2.693	7.9	20.6
10 8	23 12.69	−14 26.2	1.806	2.703	11.4	20.8
10 18	23 7.44	−14 31.6	1.899	2.712	14.6	21.1

367452 2008 UN_{60} 9 14.9 333°.26 0°.8/14.0 18

8 9	23 53.26	− 4 16.1	2.351	3.192	11.8	21.1
8 19	23 49.24	− 4 35.0	2.269	3.188	9.0	20.9
8 29	23 43.58	− 5 1.7	2.211	3.184	5.8	20.7
9 8	23 36.78	− 5 32.7	2.178	3.180	2.4	20.5
9 18	23 29.45	− 6 4.2	2.174	3.176	1.7	20.4
9 28	23 22.35	− 6 31.7	2.199	3.173	5.1	20.6
10 8	23 16.19	− 6 51.7	2.251	3.169	8.4	20.8
10 18	23 11.54	− 7 1.5	2.327	3.166	11.3	21.0

144370 2004 DH_{49} 9 14.9 138°.65 0°.2/15.1 17

8 9	23 58.11	+ 0 17.2	1.768	2.602	15.4	20.9
8 19	23 53.37	− 0 13.8	1.698	2.611	11.9	20.7
8 29	23 46.46	− 0 59.3	1.650	2.619	7.8	20.4
9 8	23 38.01	− 1 55.2	1.627	2.627	3.3	20.2
9 18	23 28.93	− 2 55.4	1.631	2.634	1.4	20.1
9 28	23 20.25	− 3 53.0	1.663	2.641	5.9	20.4
10 8	23 12.96	− 4 41.7	1.721	2.648	10.0	20.6
10 18	23 7.73	− 5 17.1	1.803	2.654	13.6	20.9

9829 Murillo 9 14.9 161°.49 0°.1/15.2 18 R

8 9	23 49.46	− 0 21.1	3.604	4.420	8.6	18.7
8 19	23 45.77	− 0 47.6	3.520	4.424	6.6	18.6
8 29	23 41.06	− 1 21.1	3.461	4.427	4.3	18.4
9 8	23 35.66	− 1 59.4	3.430	4.430	1.8	18.2
9 18	23 29.96	− 2 39.9	3.429	4.432	0.7	18.1
9 28	23 24.40	− 3 19.6	3.458	4.435	3.3	18.3
10 8	23 19.42	− 3 55.5	3.516	4.437	5.6	18.5
10 18	23 15.38	− 4 25.4	3.601	4.439	7.7	18.7

195610 2002 LS_{1} 9 14.9 182°.24 0°.8/14.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 55.66	− 2 11.9	2.237	3.070	12.7	21.2
8 19	23 51.13	− 2 57.4	2.156	3.071	9.7	21.0
8 29	23 44.85	− 3 53.8	2.100	3.071	6.2	20.8
9 8	23 37.32	− 4 56.9	2.069	3.071	2.5	20.6
9 18	23 29.23	− 6 1.3	2.068	3.070	1.7	20.5
9 28	23 21.39	− 7 1.1	2.096	3.069	5.4	20.8
10 8	23 14.59	− 7 51.2	2.151	3.067	8.9	21.0
10 18	23 9.42	− 8 28.2	2.232	3.064	12.0	21.2

425843 2011 EK_{50} 9 14.9 234°.66 4°.7/10.6 18

8 9	23 57.20	−11 47.3	1.676	2.543	14.6	20.7
8 19	23 52.96	−12 55.5	1.605	2.538	11.2	20.4
8 29	23 46.35	−14 10.1	1.556	2.532	7.5	20.2
9 8	23 38.03	−15 22.9	1.533	2.526	4.9	20.1
9 18	23 28.91	−16 25.4	1.536	2.520	5.9	20.1
9 28	23 20.16	−17 10.1	1.565	2.514	9.3	20.3
10 8	23 12.84	−17 32.6	1.618	2.507	13.0	20.5
10 18	23 7.72	−17 32.1	1.692	2.500	16.3	20.7

21900 Orus 9 14.9 281°.22 2°.0/19.1 18

8 9	23 46.85	+ 9 25.9	4.336	5.103	8.1	17.3
8 19	23 43.68	+ 9 19.2	4.239	5.100	6.6	17.2
8 29	23 39.67	+ 9 3.6	4.165	5.097	4.8	17.0
9 8	23 35.07	+ 8 39.9	4.118	5.094	3.1	16.9
9 18	23 30.21	+ 8 9.7	4.100	5.091	2.1	16.8
9 28	23 25.45	+ 7 34.9	4.112	5.089	2.8	16.9
10 8	23 21.13	+ 6 58.3	4.153	5.086	4.5	17.0
10 18	23 17.57	+ 6 22.1	4.222	5.083	6.2	17.1

92969 2000 RG_{55} 9 14.9 274°.02 1°.8/16.3 18

8 9	0 0.63	+ 1 31.2	1.783	2.608	15.7	18.9
8 19	23 55.58	+ 1 53.2	1.691	2.596	12.5	18.7
8 29	23 48.11	+ 2 2.9	1.621	2.583	8.6	18.4
9 8	23 38.81	+ 2 1.7	1.575	2.571	4.3	18.1
9 18	23 28.54	+ 1 52.0	1.556	2.558	2.0	17.9
9 28	23 18.46	+ 1 38.0	1.564	2.545	5.9	18.2
10 8	23 9.70	+ 1 24.8	1.600	2.533	10.2	18.4
10 18	23 3.10	+ 1 16.7	1.658	2.520	14.1	18.6

189074 2001 DA_{65} 9 14.9 88°.49 2°.9/18.1 18

8 9	23 57.08	+ 7 8.0	2.386	3.175	13.3	20.2
8 19	23 52.04	+ 7 25.3	2.312	3.190	10.7	20.0
8 29	23 45.34	+ 7 29.3	2.260	3.204	7.7	19.8
9 8	23 37.49	+ 7 20.8	2.234	3.217	4.7	19.7
9 18	23 29.17	+ 7 1.9	2.236	3.231	2.9	19.6
9 28	23 21.16	+ 6 36.1	2.267	3.245	4.6	19.7
10 8	23 14.17	+ 6 7.7	2.325	3.258	7.5	19.9
10 18	23 8.77	+ 5 40.9	2.410	3.272	10.2	20.1

17216 Scottstuart 9 14.9 240°.65 1°.9/17.5 18

8 9	23 51.27	+ 6 44.3	2.655	3.451	11.9	19.0
8 19	23 47.62	+ 6 16.0	2.557	3.442	9.5	18.8
8 29	23 42.51	+ 5 33.4	2.482	3.433	6.7	18.7
9 8	23 36.34	+ 4 38.3	2.433	3.423	3.7	18.5
9 18	23 29.66	+ 3 34.2	2.412	3.413	1.9	18.3
9 28	23 23.13	+ 2 25.8	2.421	3.403	4.0	18.4
10 8	23 17.37	+ 1 18.4	2.459	3.392	7.1	18.6
10 18	23 12.91	+ 0 16.8	2.523	3.382	9.9	18.8

161925 2007 EM_{101} 9 14.9 70°.63 3°.7/11.1 18

8 9	23 56.37	−13 6.7	2.202	3.059	12.0	19.9
8 19	23 51.57	−13 44.5	2.144	3.071	9.1	19.7
8 29	23 45.04	−14 24.1	2.110	3.083	6.1	19.5
9 8	23 37.36	−15 0.2	2.103	3.095	3.9	19.4
9 18	23 29.26	−15 27.9	2.123	3.108	4.5	19.5
9 28	23 21.58	−15 43.1	2.171	3.120	7.1	19.7
10 8	23 15.05	−15 43.8	2.245	3.132	10.0	19.9
10 18	23 10.21	−15 29.5	2.343	3.144	12.5	20.1

139076 2001 FX_{13} 9 14.9 62°.00 1°.9/13.7 17

8 9	0 1.56	− 5 56.7	1.319	2.183	18.0	19.0
8 19	23 56.46	− 6 15.5	1.270	2.201	13.7	18.8
8 29	23 48.61	− 6 44.5	1.241	2.218	8.7	18.6
9 8	23 38.92	− 7 17.4	1.234	2.236	3.7	18.4
9 18	23 28.61	− 7 47.4	1.253	2.254	3.0	18.4
9 28	23 19.08	− 8 7.8	1.298	2.272	7.8	18.7
10 8	23 11.51	− 8 14.2	1.367	2.291	12.3	19.0
10 18	23 6.62	− 8 4.9	1.457	2.309	16.2	19.3

252611 2001 XK_{92} 9 14.9 231°.96 4°.0/19.5 18

8 9	23 53.50	+11 26.6	2.207	2.986	14.5	20.7
8 19	23 49.63	+11 27.1	2.117	2.983	11.9	20.5
8 29	23 43.96	+11 9.2	2.048	2.980	9.0	20.3
9 8	23 37.00	+10 33.6	2.002	2.977	6.0	20.1
9 18	23 29.40	+ 9 42.7	1.984	2.974	4.0	20.0
9 28	23 22.00	+ 8 41.2	1.993	2.970	5.2	20.1
10 8	23 15.60	+ 7 35.3	2.029	2.967	8.1	20.3
10 18	23 10.83	+ 6 31.4	2.092	2.963	11.1	20.5

485352 2011 CA_{44} 9 14.9 306°.02 1°.9/12.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 50.48	− 4 42.4	2.120	2.974	12.5	21.6
8 19	23 47.41	− 5 42.7	2.031	2.958	9.5	21.4
8 29	23 42.58	− 6 54.3	1.965	2.942	6.1	21.2
9 8	23 36.43	− 8 11.9	1.925	2.927	2.7	20.9
9 18	23 29.64	− 9 29.1	1.913	2.911	2.8	20.9
9 28	23 23.00	−10 39.1	1.929	2.896	6.4	21.1
10 8	23 17.33	−11 36.0	1.971	2.881	9.9	21.3
10 18	23 13.25	−12 16.2	2.037	2.866	13.1	21.5

49 Pales 9 14.9 330°.08 2°.0/16.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 51.79	+ 3 31.0	1.771	2.606	15.4	12.0
8 19	23 48.81	+ 3 31.3	1.679	2.588	12.3	11.7
8 29	23 43.69	+ 3 15.6	1.607	2.571	8.5	11.5
9 8	23 36.97	+ 2 45.7	1.559	2.555	4.5	11.2
9 18	23 29.39	+ 2 5.3	1.536	2.539	2.0	11.0
9 28	23 21.97	+ 1 20.0	1.540	2.524	5.6	11.2
10 8	23 15.70	+ 0 36.4	1.570	2.510	9.8	11.4
10 18	23 11.37	+ 0 0.4	1.622	2.496	13.6	11.6

512214 2015 TS_{192} 9 14.9 8°.53 0°.9/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 51.05	+ 3 13.8	1.966	2.796	14.3	20.4
8 19	23 47.87	+ 2 33.7	1.888	2.797	11.1	20.2
8 29	23 42.85	+ 1 37.2	1.832	2.798	7.5	20.0
9 8	23 36.53	+ 0 28.0	1.801	2.799	3.5	19.7
9 18	23 29.62	− 0 48.4	1.796	2.800	1.2	19.6
9 28	23 22.98	− 2 4.9	1.820	2.802	5.1	19.9
10 8	23 17.43	− 3 14.5	1.871	2.803	9.0	20.1
10 18	23 13.59	− 4 12.0	1.946	2.805	12.4	20.3

295333 2008 HN_{6} 9 14.9 60°.96 1°.8/17.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 52.56	+ 5 31.9	2.038	2.854	14.3	20.8
8 19	23 48.87	+ 5 6.2	1.969	2.866	11.3	20.7
8 29	23 43.40	+ 4 24.0	1.921	2.879	7.8	20.5
9 8	23 36.73	+ 3 28.5	1.898	2.892	4.1	20.3
9 18	23 29.55	+ 2 24.2	1.902	2.904	1.9	20.1
9 28	23 22.71	+ 1 17.2	1.935	2.917	4.8	20.4
10 8	23 16.99	+ 0 14.0	1.994	2.930	8.3	20.6
10 18	23 12.94	− 0 40.3	2.079	2.943	11.5	20.8

19710 1999 TC_{185} 9 14.9 91°.37 7°.5/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 57.97	+18 48.9	1.896	2.636	17.8	18.0
8 19	23 53.31	+19 27.8	1.824	2.650	15.3	17.9
8 29	23 46.46	+19 42.6	1.771	2.665	12.4	17.7
9 8	23 38.05	+19 31.7	1.739	2.679	9.6	17.6
9 18	23 28.96	+18 55.8	1.731	2.693	7.7	17.5
9 28	23 20.24	+17 59.2	1.749	2.707	7.8	17.5
10 8	23 12.87	+16 49.2	1.794	2.721	9.7	17.7
10 18	23 7.56	+15 34.3	1.862	2.734	12.3	17.9

178413 1998 RB_{32} 9 14.9 29°.81 2°.6/17.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 53.67	+ 5 19.2	1.204	2.055	20.2	19.3
8 19	23 50.82	+ 5 8.7	1.146	2.063	16.0	19.0
8 29	23 45.20	+ 4 33.6	1.106	2.073	11.1	18.8
9 8	23 37.60	+ 3 37.5	1.088	2.084	5.8	18.5
9 18	23 29.18	+ 2 27.1	1.092	2.095	2.6	18.4
9 28	23 21.34	+ 1 12.6	1.121	2.107	6.8	18.7
10 8	23 15.32	+ 0 4.4	1.173	2.119	11.7	19.0
10 18	23 11.93	− 0 49.7	1.247	2.133	16.1	19.3

364045 2005 WH_{95} 9 14.9 337°.85 2°.4/12.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 52.54	− 6 52.5	1.863	2.725	13.6	20.6
8 19	23 49.14	− 7 36.9	1.788	2.718	10.3	20.4
8 29	23 43.75	− 8 30.2	1.734	2.712	6.6	20.2
9 8	23 36.93	− 9 26.9	1.706	2.707	3.1	19.9
9 18	23 29.45	−10 20.5	1.704	2.701	3.4	19.9
9 28	23 22.25	−11 4.7	1.730	2.697	7.0	20.2
10 8	23 16.23	−11 34.5	1.781	2.692	10.7	20.4
10 18	23 12.06	−11 47.4	1.854	2.688	14.0	20.6

506650 2006 SZ_{49} 9 14.9 330°.77 3°.2/13.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 58.22	− 9 9.8	1.138	2.022	18.8	20.5
8 19	23 54.87	− 9 14.0	1.064	2.006	14.6	20.2
8 29	23 48.24	− 9 25.5	1.009	1.990	9.6	19.8
9 8	23 39.03	− 9 38.0	0.974	1.976	4.5	19.5
9 18	23 28.51	− 9 44.2	0.963	1.962	4.4	19.5
9 28	23 18.37	− 9 36.9	0.975	1.950	9.6	19.7
10 8	23 10.23	− 9 12.1	1.008	1.939	15.0	20.0
10 18	23 5.20	− 8 28.8	1.061	1.929	19.7	20.2

185714 1998 SU_{6} 9 14.9 23°.40 3°.0/18.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 46.53	+14 17.0	1.517	2.322	18.9	18.2
8 19	23 44.82	+12 36.9	1.453	2.339	15.3	18.0
8 29	23 41.01	+10 22.8	1.409	2.356	11.0	17.8
9 8	23 35.78	+ 7 40.6	1.388	2.375	6.4	17.6
9 18	23 29.99	+ 4 41.2	1.395	2.395	3.0	17.4
9 28	23 24.66	+ 1 39.5	1.431	2.416	5.5	17.6
10 8	23 20.69	− 1 9.7	1.494	2.438	9.8	17.9
10 18	23 18.66	− 3 35.5	1.583	2.461	13.7	18.2

342282 2008 TO_{21} 9 14.9 349°.95 1°.6/16.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 51.85	+ 3 17.5	1.372	2.224	18.1	20.7
8 19	23 49.29	+ 3 2.3	1.299	2.219	14.3	20.4
8 29	23 44.20	+ 2 26.2	1.244	2.214	9.8	20.1
9 8	23 37.22	+ 1 32.5	1.212	2.210	4.8	19.8
9 18	23 29.33	+ 0 27.3	1.203	2.207	1.8	19.6
9 28	23 21.79	− 0 40.5	1.220	2.205	6.5	19.9
10 8	23 15.78	− 1 41.7	1.261	2.203	11.4	20.2
10 18	23 12.16	− 2 29.3	1.323	2.203	15.7	20.5

10710 1982 JE_{1} 9 14.9 348°.28 6°.1/10.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 52.27	−11 48.4	0.979	1.884	19.4	16.3
8 19	23 50.50	−12 43.4	0.921	1.874	14.9	16.0
8 29	23 45.41	−13 47.1	0.881	1.866	10.1	15.7
9 8	23 37.82	−14 48.1	0.861	1.859	6.4	15.5
9 18	23 29.08	−15 34.4	0.862	1.853	7.6	15.6
9 28	23 20.91	−15 55.6	0.885	1.849	12.2	15.8
10 8	23 14.89	−15 47.0	0.926	1.847	17.1	16.1
10 18	23 12.01	−15 9.2	0.985	1.846	21.4	16.3

106713 2000 WY_{173} 9 14.9 291°.62 0°.5/15.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 51.04	+ 2 32.8	2.091	2.920	13.6	19.6
8 19	23 47.91	+ 1 47.3	1.993	2.902	10.6	19.4
8 29	23 42.95	+ 0 45.4	1.917	2.884	7.1	19.1
9 8	23 36.62	− 0 29.6	1.867	2.866	3.2	18.9
9 18	23 29.59	− 1 52.2	1.845	2.849	1.1	18.7
9 28	23 22.68	− 3 15.5	1.851	2.831	5.2	18.9
10 8	23 16.73	− 4 32.3	1.884	2.813	9.2	19.1
10 18	23 12.42	− 5 36.7	1.942	2.795	12.7	19.3

292922 2006 VA_{65} 9 14.9 292°.69 0°.3/15.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 53.54	+ 0 19.5	2.019	2.853	13.8	21.0
8 19	23 49.77	− 0 6.8	1.935	2.848	10.7	20.8
8 29	23 44.10	− 0 46.3	1.874	2.844	7.1	20.6
9 8	23 37.08	− 1 35.5	1.839	2.839	3.1	20.3
9 18	23 29.41	− 2 29.6	1.830	2.834	1.2	20.1
9 28	23 21.99	− 3 22.7	1.850	2.830	5.3	20.4
10 8	23 15.64	− 4 8.9	1.896	2.825	9.1	20.7
10 18	23 11.03	− 4 44.1	1.967	2.820	12.5	20.9

425729 2011 BB_{79} 9 14.9 241°.27 2°.1/13.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 58.19	− 5 29.2	1.797	2.647	14.6	22.1
8 19	23 53.68	− 6 13.9	1.710	2.634	11.2	21.9
8 29	23 46.86	− 7 9.9	1.645	2.620	7.2	21.6
9 8	23 38.31	− 8 11.6	1.605	2.606	3.2	21.3
9 18	23 28.87	− 9 12.2	1.592	2.591	3.1	21.3
9 28	23 19.64	−10 4.2	1.607	2.576	7.3	21.5
10 8	23 11.69	−10 41.9	1.649	2.560	11.4	21.7
10 18	23 5.83	−11 1.9	1.712	2.544	15.1	21.9

280379 2003 UJ_{79} 9 14.9 25°.58 12°.0/30.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 45.62	+32 19.6	1.228	1.944	26.8	19.7
8 19	23 44.89	+32 18.9	1.174	1.963	24.1	19.5
8 29	23 41.42	+31 28.8	1.131	1.984	20.8	19.4
9 8	23 36.03	+29 45.7	1.103	2.006	17.2	19.2
9 18	23 29.91	+27 11.9	1.093	2.030	14.0	19.1
9 28	23 24.43	+23 58.6	1.105	2.055	12.2	19.1
10 8	23 20.77	+20 24.8	1.141	2.081	12.6	19.2
10 18	23 19.62	+16 51.1	1.201	2.108	14.9	19.4

13461 1607 $T\text{-}_{2}$ 9 14.9 331°.14 1°.0/15.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 58.75	− 1 7.5	1.278	2.137	18.8	17.8
8 19	23 54.91	− 0 46.5	1.202	2.127	14.7	17.6
8 29	23 48.07	− 0 39.2	1.144	2.117	9.9	17.3
9 8	23 38.92	− 0 43.3	1.108	2.109	4.5	16.9
9 18	23 28.61	− 0 54.6	1.097	2.100	1.7	16.7
9 28	23 18.64	− 1 7.3	1.110	2.093	7.3	17.1
10 8	23 10.46	− 1 14.9	1.146	2.086	12.6	17.3
10 18	23 5.10	− 1 12.8	1.203	2.080	17.2	17.6

469404 2001 UV_{137} 9 14.9 4°.50 2°.3/13.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 51.48	− 5 20.1	1.044	1.937	19.4	20.2
8 19	23 49.54	− 5 46.3	0.989	1.936	14.9	19.9
8 29	23 44.58	− 6 27.1	0.952	1.936	9.6	19.7
9 8	23 37.41	− 7 14.9	0.935	1.938	4.0	19.4
9 18	23 29.30	− 8 0.6	0.941	1.942	3.6	19.4
9 28	23 21.80	− 8 34.6	0.969	1.947	9.0	19.7
10 8	23 16.27	− 8 50.2	1.018	1.954	14.2	20.0
10 18	23 13.60	− 8 44.6	1.085	1.963	18.6	20.3

366269 2013 AN_{37} 9 14.9 223°.14 0°.7/13.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	23 46.45	− 5 27.5	4.702	5.534	6.5	21.4
8 19	23 43.31	− 5 54.2	4.615	5.530	4.9	21.3
8 29	23 39.41	− 6 24.6	4.554	5.527	3.1	21.1
9 8	23 35.00	− 6 56.8	4.522	5.523	1.3	21.0
9 18	23 30.35	− 7 28.5	4.519	5.519	1.2	21.0
9 28	23 25.81	− 7 57.8	4.547	5.515	3.0	21.1
10 8	23 21.67	− 8 22.6	4.604	5.512	4.8	21.2
10 18	23 18.22	− 8 41.6	4.688	5.508	6.4	21.3

306894 2001 TW_{121} 9 14.9 331°.21 9°.0/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 52.39	+21 18.7	1.803	2.542	18.7	19.9
8 19	23 49.43	+22 5.9	1.713	2.532	16.4	19.7
8 29	23 44.21	+22 27.6	1.638	2.522	13.8	19.5
9 8	23 37.25	+22 20.3	1.584	2.513	11.2	19.3
9 18	23 29.35	+21 43.2	1.552	2.504	9.3	19.2
9 28	23 21.60	+20 39.3	1.544	2.496	9.1	19.1
10 8	23 15.08	+19 16.1	1.560	2.489	10.8	19.2
10 18	23 10.62	+17 43.1	1.600	2.482	13.4	19.4

267017 Yangzhifa 9 14.9 342°.30 2°.2/16.4 18

8 9	23 48.60	+ 2 15.9	1.005	1.886	21.0	19.9
8 19	23 47.68	+ 2 27.7	0.933	1.869	16.7	19.6
8 29	23 43.66	+ 2 16.6	0.877	1.854	11.6	19.3
9 8	23 37.18	+ 1 44.5	0.841	1.840	5.8	18.9
9 18	23 29.37	+ 0 57.1	0.824	1.828	2.4	18.7
9 28	23 21.87	+ 0 4.0	0.830	1.818	7.8	18.9
10 8	23 16.26	− 0 43.7	0.856	1.810	13.7	19.2
10 18	23 13.65	− 1 17.2	0.900	1.803	19.0	19.5

313314 2002 EM_{43} 9 14.9 211°.73 0°.5/15.7 18

8 9	23 51.71	+ 3 39.2	2.740	3.548	11.3	21.3
8 19	23 47.90	+ 2 37.5	2.644	3.542	8.8	21.2
8 29	23 42.68	+ 1 22.0	2.573	3.535	5.9	21.0
9 8	23 36.45	− 0 4.1	2.530	3.528	2.7	20.7
9 18	23 29.74	− 1 36.0	2.516	3.520	0.9	20.6
9 28	23 23.18	− 3 7.8	2.533	3.512	4.2	20.8
10 8	23 17.38	− 4 33.9	2.580	3.503	7.3	21.0
10 18	23 12.84	− 5 49.4	2.654	3.494	10.1	21.2

364485 2007 DY_{74} 9 14.9 113°.06 0°.2/14.7 18

8 9	23 53.64	− 1 11.8	2.477	3.306	11.7	21.9
8 19	23 49.38	− 1 43.4	2.406	3.317	9.0	21.7
8 29	23 43.61	− 2 24.5	2.359	3.328	5.8	21.5
9 8	23 36.82	− 3 11.8	2.338	3.339	2.4	21.3
9 18	23 29.62	− 4 1.1	2.346	3.349	1.2	21.2
9 28	23 22.70	− 4 47.6	2.384	3.360	4.6	21.5
10 8	23 16.70	− 5 27.3	2.449	3.370	7.7	21.7
10 18	23 12.14	− 5 57.1	2.540	3.380	10.5	21.9

258780 2002 JF_{87} 9 14.9 47°.70 3°.7/12.6 17

8 9	0 0.72	− 9 13.6	1.181	2.059	18.7	20.0
8 19	23 56.15	− 9 45.0	1.134	2.073	14.2	19.8
8 29	23 48.59	−10 24.0	1.107	2.087	9.2	19.5
9 8	23 39.00	−11 2.5	1.102	2.102	4.6	19.3
9 18	23 28.72	−11 32.3	1.121	2.117	4.8	19.4
9 28	23 19.29	−11 46.2	1.164	2.133	9.3	19.7
10 8	23 11.98	−11 41.0	1.230	2.149	13.9	20.0
10 18	23 7.55	−11 16.5	1.316	2.166	17.7	20.3

3801 Thrasymedes 9 14.9 303°.68 3°.5/23.3 18 A

8 9	23 45.91	+19 28.6	4.564	5.261	8.6	18.6
8 19	23 42.99	+19 13.2	4.462	5.260	7.4	18.5
8 29	23 39.25	+18 45.9	4.381	5.258	6.0	18.4
9 8	23 34.96	+18 7.0	4.325	5.257	4.6	18.3
9 18	23 30.42	+17 17.6	4.297	5.255	3.6	18.2
9 28	23 25.98	+16 19.9	4.298	5.254	3.6	18.2
10 8	23 21.99	+15 16.8	4.328	5.252	4.6	18.3
10 18	23 18.73	+14 11.4	4.386	5.251	5.9	18.4

273955 2007 JD_{45} 9 14.9 58°.93 0°.3/14.8 16

8 9	23 55.69	− 0 23.0	1.515	2.366	16.8	20.9
8 19	23 51.77	− 1 0.1	1.459	2.381	12.8	20.7
8 29	23 45.53	− 1 52.9	1.422	2.396	8.3	20.4
9 8	23 37.70	− 2 55.9	1.410	2.412	3.4	20.2
9 18	23 29.26	− 4 1.9	1.424	2.428	1.6	20.1
9 28	23 21.37	− 5 2.8	1.464	2.443	6.5	20.5
10 8	23 15.03	− 5 51.7	1.530	2.459	10.8	20.8
10 18	23 10.91	− 6 24.5	1.618	2.476	14.5	21.0

208862 2002 SM_{38} 9 14.9 330°.06 1°.6/13.7 18

8 9	23 57.00	− 5 38.4	1.782	2.635	14.5	20.4
8 19	23 52.63	− 5 58.5	1.707	2.632	11.1	20.2
8 29	23 46.08	− 6 27.5	1.653	2.629	7.2	19.9
9 8	23 37.96	− 7 0.8	1.625	2.626	3.0	19.7
9 18	23 29.13	− 7 32.9	1.623	2.624	2.5	19.6
9 28	23 20.63	− 7 58.2	1.648	2.621	6.6	19.9
10 8	23 13.46	− 8 12.3	1.699	2.619	10.6	20.1
10 18	23 8.33	− 8 12.7	1.773	2.617	14.1	20.3

257412 2009 UY_{2} 9 14.9 302°.44 0°.8/13.4 18

8 9	23 46.20	− 4 29.9	4.057	4.891	7.4	19.6
8 19	23 43.29	− 5 9.2	3.963	4.880	5.6	19.5
8 29	23 39.49	− 5 53.6	3.896	4.868	3.6	19.3
9 8	23 35.08	− 6 40.8	3.856	4.857	1.5	19.2
9 18	23 30.38	− 7 28.1	3.846	4.846	1.3	19.1
9 28	23 25.77	− 8 12.6	3.867	4.835	3.4	19.3
10 8	23 21.63	− 8 51.6	3.916	4.825	5.5	19.4
10 18	23 18.27	− 9 23.2	3.992	4.814	7.4	19.6

290084 2005 QV_{93} 9 14.9 34°.01 4°.6/11.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	23 55.00	− 9 23.9	1.339	2.219	16.8	20.1
8 19	23 51.63	−10 37.2	1.285	2.225	12.7	19.8
8 29	23 45.65	−11 59.8	1.251	2.231	8.3	19.6
9 8	23 37.81	−13 22.1	1.240	2.237	4.9	19.4
9 18	23 29.23	−14 33.7	1.254	2.244	5.8	19.5
9 28	23 21.21	−15 25.8	1.293	2.252	9.8	19.8
10 8	23 14.92	−15 53.3	1.354	2.259	13.9	20.0
10 18	23 11.10	−15 55.4	1.436	2.267	17.5	20.3

481626 2007 UV_{97} 9 14.9 59°.02 1°.3/16.3 18

8 9	23 54.32	+ 3 20.9	1.786	2.616	15.5	20.8
8 19	23 50.52	+ 2 58.6	1.716	2.623	12.1	20.6
8 29	23 44.66	+ 2 19.6	1.666	2.630	8.2	20.4
9 8	23 37.35	+ 1 27.4	1.640	2.637	4.0	20.1
9 18	23 29.42	+ 0 27.0	1.641	2.645	1.5	20.0
9 28	23 21.86	− 0 34.6	1.670	2.652	5.4	20.3
10 8	23 15.57	− 1 30.7	1.724	2.660	9.4	20.5
10 18	23 11.21	− 2 15.9	1.803	2.667	13.0	20.8

353776 2012 HU_{61} 9 14.9 238°.82 0°.2/15.3 18

8 9	23 51.82	+ 1 4.4	2.750	3.569	11.0	21.8
8 19	23 48.02	+ 0 23.0	2.652	3.557	8.5	21.7
8 29	23 42.79	− 0 29.7	2.578	3.544	5.6	21.5
9 8	23 36.53	− 1 30.8	2.531	3.531	2.4	21.2
9 18	23 29.77	− 2 36.2	2.514	3.517	0.9	21.1
9 28	23 23.12	− 3 41.2	2.526	3.503	4.2	21.3
10 8	23 17.22	− 4 40.9	2.567	3.489	7.4	21.5
10 18	23 12.58	− 5 31.4	2.634	3.475	10.1	21.7

439029 2011 EZ_{76} 9 15.0 266°.79 1°.1/14.1 18

8 9	0 0.12	− 3 53.2	1.746	2.589	15.2	21.6
8 19	23 55.39	− 4 13.8	1.647	2.566	11.8	21.3
8 29	23 48.17	− 4 46.0	1.569	2.543	7.7	21.1
9 8	23 38.98	− 5 25.7	1.517	2.519	3.2	20.7
9 18	23 28.68	− 6 7.4	1.492	2.494	2.2	20.6
9 28	23 18.46	− 6 44.2	1.494	2.469	7.0	20.8
10 8	23 9.52	− 7 10.4	1.522	2.443	11.6	21.1
10 18	23 2.78	− 7 22.1	1.573	2.417	15.6	21.3

329007 2010 XO_{62} 9 15.0 226°.68 6°.3/ 5.7 18

8 9	23 55.02	−24 51.0	2.854	3.705	9.7	21.1
8 19	23 50.46	−26 2.4	2.787	3.695	8.0	20.9
8 29	23 44.36	−27 9.7	2.745	3.685	6.6	20.8
9 8	23 37.18	−28 7.1	2.729	3.675	6.3	20.8
9 18	23 29.51	−28 49.7	2.741	3.664	7.2	20.8
9 28	23 22.06	−29 13.9	2.780	3.653	8.8	20.9
10 8	23 15.49	−29 18.3	2.842	3.642	10.7	21.0
10 18	23 10.34	−29 3.5	2.926	3.630	12.4	21.2

291849 Orchestralondon 9 15.0 337°.62 4°.6/10.7 18

8 9	23 49.81	− 9 30.8	1.406	2.292	15.8	19.8
8 19	23 47.76	−10 45.4	1.334	2.277	12.0	19.5
8 29	23 43.25	−12 11.3	1.282	2.264	8.0	19.3
9 8	23 36.89	−13 39.3	1.254	2.251	4.8	19.1
9 18	23 29.62	−14 59.0	1.250	2.239	6.0	19.1
9 28	23 22.65	−16 0.6	1.270	2.228	10.0	19.3
10 8	23 17.15	−16 37.3	1.313	2.219	14.2	19.5
10 18	23 13.95	−16 47.1	1.375	2.210	17.9	19.7

68282 2001 FR_{14} 9 15.0 263°.00 0°.9/16.1 18

8 9	23 51.31	+ 3 16.4	2.356	3.175	12.5	19.5
8 19	23 47.83	+ 2 39.6	2.269	3.171	9.8	19.3
8 29	23 42.76	+ 1 48.8	2.204	3.167	6.6	19.1
9 8	23 36.55	+ 0 47.0	2.165	3.162	3.1	18.9
9 18	23 29.80	− 0 21.3	2.154	3.158	1.1	18.7
9 28	23 23.25	− 1 30.6	2.172	3.153	4.5	19.0
10 8	23 17.59	− 2 35.1	2.218	3.149	7.9	19.2
10 18	23 13.37	− 3 30.1	2.290	3.144	11.0	19.4

467165 2016 ER_{106} 9 15.0 62°.52 8°.2/ 9.4 17

8 9	0 3.16	−17 2.2	1.131	2.016	18.9	20.0
8 19	23 57.89	−18 34.8	1.107	2.045	14.5	19.8
8 29	23 49.55	−20 4.2	1.103	2.075	10.4	19.7
9 8	23 39.33	−21 17.5	1.122	2.104	8.3	19.6
9 18	23 28.72	−22 4.6	1.163	2.134	9.5	19.8
9 28	23 19.28	−22 20.0	1.229	2.164	12.7	20.1
10 8	23 12.21	−22 4.5	1.315	2.193	16.1	20.4
10 18	23 8.12	−21 22.4	1.419	2.222	19.1	20.7

386776 2010 DQ_{6} 9 15.0 237°.40 0°.6/15.6 18

8 9	23 57.29	+ 0 43.5	1.982	2.809	14.3	22.0
8 19	23 52.77	+ 0 27.8	1.892	2.799	11.2	21.8
8 29	23 46.18	− 0 1.2	1.823	2.789	7.5	21.6
9 8	23 38.05	− 0 40.5	1.780	2.779	3.4	21.3
9 18	23 29.15	− 1 25.9	1.764	2.768	1.2	21.1
9 28	23 20.44	− 2 11.7	1.777	2.756	5.4	21.4
10 8	23 12.87	− 2 52.1	1.816	2.745	9.5	21.6
10 18	23 7.17	− 3 22.7	1.880	2.733	13.1	21.8