374719 2006 SB_{26} 9 17.9 335°.27 6°.1/21.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 9	0 12.03	+ 7 24.2	1.248	2.058	22.0	20.6
8 19	0 9.07	+ 8 47.7	1.166	2.047	18.5	20.3
8 29	0 2.77	+ 9 54.9	1.100	2.038	14.3	20.1
9 8	23 53.59	+10 42.5	1.053	2.029	9.8	19.8
9 18	23 42.57	+11 8.2	1.029	2.021	6.4	19.6
9 28	23 31.26	+11 13.6	1.029	2.014	7.4	19.6
10 8	23 21.39	+11 4.5	1.052	2.008	11.5	19.8
10 18	23 14.30	+10 48.9	1.096	2.002	16.1	20.1

177803 2005 LX_{50} 9 17.9 349°.30 6°.7/11.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	0 1.85	−13 59.7	1.564	2.430	15.6	19.3
8 19	0 0.06	−15 30.3	1.498	2.424	12.3	19.0
8 29	23 55.84	−17 7.1	1.452	2.418	9.1	18.8
9 8	23 49.73	−18 40.4	1.431	2.413	6.9	18.7
9 18	23 42.57	−20 0.0	1.434	2.409	7.5	18.7
9 28	23 35.46	−20 57.0	1.461	2.406	10.2	18.9
10 8	23 29.50	−21 26.3	1.512	2.403	13.6	19.1
10 18	23 25.50	−21 27.0	1.582	2.402	16.7	19.3

377087 2002 VB_{109} 9 17.9 200°.30 8°.6/28.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	0 10.58	+27 36.8	2.442	3.069	16.7	21.1
8 19	0 6.30	+28 14.7	2.337	3.065	15.1	20.9
8 29	23 59.88	+28 30.3	2.247	3.059	13.2	20.8
9 8	23 51.76	+28 20.0	2.178	3.053	11.1	20.6
9 18	23 42.58	+27 42.2	2.131	3.046	9.4	20.5
9 28	23 33.26	+26 38.1	2.111	3.038	8.6	20.4
10 8	23 24.74	+25 12.7	2.116	3.029	9.2	20.4
10 18	23 17.84	+23 33.6	2.148	3.020	10.9	20.5

250316 2003 RX_{6} 9 17.9 70°.62 1°.4/19.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	0 12.39	+ 2 57.9	1.321	2.141	20.4	20.7
8 19	0 8.56	+ 3 1.2	1.261	2.157	16.4	20.5
8 29	0 1.77	+ 2 45.4	1.219	2.173	11.7	20.2
9 8	23 52.73	+ 2 13.3	1.199	2.190	6.4	20.0
9 18	23 42.58	+ 1 30.1	1.202	2.206	1.5	19.7
9 28	23 32.71	+ 0 43.5	1.232	2.223	5.2	20.0
10 8	23 24.44	+ 0 1.7	1.286	2.239	10.2	20.4
10 18	23 18.69	− 0 29.3	1.364	2.256	14.5	20.7

154275 2002 SR_{41} 9 17.9 248°.81 26°.3/21.9 14 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 9	0 36.42	+28 4.8	0.822	1.548	36.5	22.1
8 19	0 34.56	+30 50.1	0.718	1.518	34.5	21.7
8 29	0 26.29	+33 23.5	0.620	1.482	31.9	21.3
9 8	0 9.55	+35 27.4	0.532	1.440	28.9	20.8
9 18	23 42.58	+36 27.2	0.455	1.391	26.6	20.3
9 28	23 6.08	+35 32.5	0.394	1.336	27.2	19.9
10 8	22 25.07	+32 0.9	0.350	1.275	32.7	19.7
10 18	21 46.91	+25 54.5	0.322	1.208	42.9	19.7

192483 1998 HS_{2} 9 18.0 237°.67 0°.5/17.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 3.71	− 0 33.4	2.035	2.926	11.3	20.7
8 29	23 58.06	− 1 24.5	1.958	2.913	7.8	20.4
9 8	23 50.80	− 2 26.0	1.906	2.900	4.0	20.2
9 18	23 42.59	− 3 32.8	1.882	2.886	0.6	19.9
9 28	23 34.27	− 4 38.6	1.886	2.872	4.5	20.2
10 8	23 26.74	− 5 36.9	1.919	2.857	8.4	20.4
10 18	23 20.76	− 6 22.9	1.977	2.841	12.0	20.6
10 28	23 16.88	− 6 53.3	2.056	2.825	15.0	20.8

91591 1999 TJ_{3} 9 18.0 99°.99 1°.0/16.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 3.58	− 3 36.4	2.292	3.186	10.1	20.0
8 29	23 57.62	− 4 10.9	2.245	3.203	6.9	19.8
9 8	23 50.41	− 4 50.4	2.225	3.219	3.4	19.6
9 18	23 42.60	− 5 30.6	2.232	3.236	1.1	19.5
9 28	23 34.92	− 6 6.9	2.269	3.252	4.1	19.7
10 8	23 28.11	− 6 35.3	2.335	3.268	7.4	19.9
10 18	23 22.72	− 6 53.3	2.426	3.283	10.3	20.2
10 28	23 19.15	− 6 59.2	2.539	3.299	12.7	20.4

30095 Tarabode 9 18.0 141°.77 2°.6/16.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 8.87	− 5 50.4	1.360	2.271	14.4	18.3
8 29	0 2.01	− 6 36.8	1.311	2.276	9.9	18.0
9 8	23 52.90	− 7 29.5	1.285	2.280	5.1	17.8
9 18	23 42.60	− 8 20.5	1.283	2.285	2.8	17.6
9 28	23 32.45	− 9 1.6	1.309	2.289	6.9	17.9
10 8	23 23.76	− 9 26.7	1.359	2.292	11.6	18.2
10 18	23 17.48	− 9 32.9	1.431	2.296	15.7	18.4
10 28	23 14.17	− 9 19.4	1.522	2.299	19.1	18.7

342360 2008 TF_{182} 9 18.0 311°.38 8°.2/ 9.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 1.86	−18 17.1	1.469	2.393	12.7	19.6
8 29	23 57.27	−20 13.6	1.417	2.377	9.8	19.4
9 8	23 50.57	−22 5.4	1.387	2.361	8.2	19.2
9 18	23 42.60	−23 40.3	1.383	2.346	9.1	19.3
9 28	23 34.55	−24 48.2	1.402	2.331	12.0	19.4
10 8	23 27.66	−25 23.2	1.444	2.316	15.3	19.6
10 18	23 22.88	−25 24.7	1.504	2.302	18.5	19.7
10 28	23 20.84	−24 55.5	1.580	2.288	21.1	19.9

48344 2588 $P–L$ 9 18.0 259°.59 1°.7/16.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 7.96	− 4 32.8	1.602	2.505	13.1	18.9
8 29	0 1.40	− 5 5.4	1.528	2.489	9.1	18.6
9 8	23 52.67	− 5 45.5	1.477	2.472	4.6	18.3
9 18	23 42.61	− 6 27.2	1.452	2.455	1.9	18.1
9 28	23 32.37	− 7 3.7	1.455	2.438	6.0	18.3
10 8	23 23.19	− 7 28.7	1.484	2.420	10.6	18.5
10 18	23 16.07	− 7 38.4	1.537	2.402	14.8	18.8
10 28	23 11.70	− 7 30.8	1.608	2.383	18.3	19.0

242847 2006 EA_{40} 9 18.0 219°.34 1°.1/19.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 5.31	+ 3 21.0	2.051	2.928	11.8	21.9
8 29	23 59.14	+ 2 59.0	1.975	2.920	8.5	21.7
9 8	23 51.36	+ 2 24.9	1.924	2.912	4.7	21.4
9 18	23 42.61	+ 1 42.2	1.900	2.904	1.2	21.2
9 28	23 33.79	+ 0 55.7	1.905	2.895	3.9	21.4
10 8	23 25.79	+ 0 11.2	1.939	2.885	7.8	21.6
10 18	23 19.39	− 0 26.6	1.998	2.875	11.3	21.8
10 28	23 15.12	− 0 53.6	2.079	2.865	14.3	22.0

191089 2002 CS_{291} 9 18.0 300°.16 0°.5/16.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	23 55.05	− 2 38.7	4.056	4.946	6.2	19.5
8 29	23 51.48	− 3 18.7	3.981	4.937	4.2	19.3
9 8	23 47.24	− 4 2.6	3.933	4.928	2.1	19.2
9 18	23 42.61	− 4 47.9	3.916	4.919	0.6	19.0
9 28	23 37.97	− 5 31.9	3.928	4.911	2.6	19.2
10 8	23 33.68	− 6 11.8	3.970	4.902	4.7	19.3
10 18	23 30.08	− 6 45.6	4.040	4.894	6.6	19.5
10 28	23 27.44	− 7 11.3	4.134	4.885	8.3	19.6

358891 2008 GT_{38} 9 18.0 58°.13 3°.2/14.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 2.35	− 9 34.6	1.997	2.908	10.5	20.6
8 29	23 56.95	−10 28.7	1.953	2.917	7.2	20.4
9 8	23 50.14	−11 23.8	1.935	2.927	4.2	20.2
9 18	23 42.61	−12 13.8	1.943	2.938	3.5	20.2
9 28	23 35.21	−12 53.1	1.980	2.948	6.1	20.4
10 8	23 28.76	−13 17.8	2.043	2.958	9.3	20.6
10 18	23 23.89	−13 26.1	2.129	2.969	12.3	20.8
10 28	23 21.02	−13 17.7	2.236	2.979	14.7	21.0

324404 2006 SE_{155} 9 18.0 33°.00 0°.3/17.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 1.75	+ 2 14.6	1.258	2.166	15.6	19.6
8 29	23 57.18	+ 0 53.4	1.208	2.170	10.9	19.4
9 8	23 50.49	− 0 46.5	1.179	2.175	5.5	19.1
9 18	23 42.62	− 2 35.9	1.175	2.179	0.3	18.7
9 28	23 34.84	− 4 22.6	1.196	2.185	5.8	19.1
10 8	23 28.40	− 5 55.1	1.242	2.190	10.9	19.5
10 18	23 24.20	− 7 5.6	1.310	2.196	15.4	19.7
10 28	23 22.79	− 7 50.4	1.397	2.203	19.1	20.0

329204 2012 DL_{49} 9 18.0 181°.19 3°.6/12.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 1.95	−14 59.3	3.022	3.923	7.7	21.6
8 29	23 56.37	−15 51.1	2.969	3.924	5.5	21.5
9 8	23 49.77	−16 40.6	2.943	3.924	3.9	21.4
9 18	23 42.62	−17 23.4	2.947	3.924	3.9	21.4
9 28	23 35.51	−17 55.9	2.980	3.924	5.6	21.5
10 8	23 29.03	−18 15.5	3.040	3.923	7.8	21.6
10 18	23 23.64	−18 21.2	3.126	3.921	9.8	21.8
10 28	23 19.72	−18 12.9	3.233	3.919	11.6	21.9

234699 2002 GR_{144} 9 18.0 148°.92 7°.2/10.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 5.96	−20 59.1	1.929	2.834	11.1	20.3
8 29	23 59.55	−22 20.3	1.892	2.840	8.6	20.1
9 8	23 51.50	−23 32.3	1.881	2.845	7.2	20.1
9 18	23 42.62	−24 27.5	1.896	2.850	7.8	20.1
9 28	23 33.90	−25 0.1	1.938	2.855	9.8	20.3
10 8	23 26.30	−25 7.8	2.003	2.860	12.3	20.4
10 18	23 20.52	−24 51.3	2.090	2.864	14.7	20.6
10 28	23 17.05	−24 13.4	2.195	2.867	16.8	20.8

449490 2014 FD_{47} 9 18.0 64°.27 3°.5/15.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 6.35	−10 11.1	1.741	2.650	11.9	20.5
8 29	23 59.85	−10 46.0	1.697	2.660	8.2	20.3
9 8	23 51.66	−11 20.9	1.677	2.670	4.7	20.2
9 18	23 42.63	−11 49.8	1.684	2.680	3.7	20.1
9 28	23 33.80	−12 7.4	1.719	2.690	6.6	20.3
10 8	23 26.15	−12 10.2	1.779	2.700	10.2	20.6
10 18	23 20.41	−11 57.0	1.863	2.710	13.4	20.8
10 28	23 17.04	−11 28.2	1.967	2.721	16.1	21.0

436124 2009 TZ_{28} 9 18.0 233°.85 0°.2/18.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	23 55.07	+ 0 51.6	4.378	5.256	6.0	21.8
8 29	23 51.45	+ 0 21.0	4.305	5.253	4.2	21.6
9 8	23 47.21	− 0 14.2	4.260	5.251	2.2	21.5
9 18	23 42.63	− 0 52.2	4.244	5.249	0.2	21.3
9 28	23 38.05	− 1 30.6	4.258	5.246	2.0	21.5
10 8	23 33.81	− 2 7.1	4.303	5.244	4.0	21.6
10 18	23 30.20	− 2 39.3	4.375	5.241	5.9	21.8
10 28	23 27.49	− 3 5.7	4.473	5.239	7.5	21.9

446816 2000 EE_{38} 9 18.0 289°.28 0°.5/18.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 3.29	+ 2 10.9	2.614	3.488	9.7	22.8
8 29	23 57.69	+ 1 33.5	2.499	3.445	6.9	22.6
9 8	23 50.65	+ 0 45.3	2.411	3.401	3.7	22.3
9 18	23 42.64	− 0 10.7	2.351	3.355	0.5	22.0
9 28	23 34.32	− 1 10.0	2.321	3.309	3.5	22.2
10 8	23 26.44	− 2 7.7	2.321	3.262	7.0	22.3
10 18	23 19.68	− 2 58.8	2.349	3.215	10.3	22.4
10 28	23 14.62	− 3 39.5	2.400	3.166	13.2	22.6

491129 2011 SF_{129} 9 18.0 338°.70 2°.3/15.9 16

8 19	0 3.36	− 6 1.2	1.662	2.573	12.3	21.3
8 29	23 58.00	− 6 43.4	1.603	2.568	8.4	21.1
9 8	23 50.84	− 7 30.9	1.568	2.564	4.3	20.8
9 18	23 42.66	− 8 17.6	1.559	2.560	2.5	20.7
9 28	23 34.51	− 8 56.7	1.576	2.556	6.0	20.9
10 8	23 27.40	− 9 22.7	1.620	2.553	10.1	21.1
10 18	23 22.15	− 9 32.5	1.687	2.550	13.8	21.4
10 28	23 19.31	− 9 24.8	1.773	2.547	16.8	21.6

19509 Niigata 9 18.0 122°.92 5°.7/24.9 18

8 19	0 4.66	+18 41.6	2.127	2.931	14.2	19.1
8 29	23 58.59	+18 30.0	2.065	2.947	11.4	18.9
9 8	23 51.03	+17 56.0	2.024	2.963	8.6	18.8
9 18	23 42.67	+17 0.9	2.009	2.978	6.3	18.7
9 28	23 34.40	+15 48.9	2.022	2.993	5.8	18.7
10 8	23 27.08	+14 26.8	2.062	3.007	7.5	18.8
10 18	23 21.37	+13 2.1	2.130	3.020	10.1	19.0
10 28	23 17.74	+11 42.1	2.221	3.033	12.7	19.2

210624 2000 EX_{43} 9 18.0 144°.48 2°.1/16.1 18

8 19	0 7.33	− 7 25.9	2.023	2.923	11.0	20.1
8 29	0 0.43	− 7 46.1	1.967	2.927	7.5	19.9
9 8	23 51.96	− 8 8.6	1.937	2.931	3.9	19.7
9 18	23 42.68	− 8 28.8	1.934	2.935	2.3	19.6
9 28	23 33.50	− 8 42.3	1.961	2.939	5.2	19.8
10 8	23 25.32	− 8 45.6	2.015	2.942	8.8	20.1
10 18	23 18.84	− 8 37.1	2.094	2.945	12.0	20.3
10 28	23 14.54	− 8 16.0	2.194	2.948	14.6	20.5

253536 Tymchenko 9 18.0 206°.21 4°.1/21.5 18

8 19	0 5.87	+10 17.1	1.486	2.353	16.1	20.6
8 29	23 59.99	+10 5.8	1.419	2.351	12.2	20.4
9 8	23 51.97	+ 9 31.9	1.374	2.350	8.0	20.1
9 18	23 42.68	+ 8 37.7	1.352	2.348	4.5	19.9
9 28	23 33.32	+ 7 29.5	1.357	2.346	5.3	20.0
10 8	23 25.15	+ 6 16.3	1.388	2.343	9.3	20.2
10 18	23 19.13	+ 5 7.0	1.443	2.341	13.5	20.4
10 28	23 15.90	+ 4 9.3	1.518	2.338	17.1	20.7

223969 2004 XS_{125} 9 18.0 319°.94 0°.2/17.9 18

8 19	0 5.91	− 2 29.7	1.871	2.767	11.9	19.7
8 29	23 59.78	− 2 22.5	1.790	2.747	8.3	19.4
9 8	23 51.80	− 2 21.3	1.733	2.727	4.3	19.2
9 18	23 42.68	− 2 23.3	1.703	2.708	0.2	18.8
9 28	23 33.39	− 2 24.6	1.701	2.689	4.5	19.1
10 8	23 24.96	− 2 21.3	1.726	2.671	8.7	19.3
10 18	23 18.26	− 2 10.5	1.777	2.653	12.5	19.5
10 28	23 13.90	− 1 50.0	1.848	2.636	15.8	19.7

98990 2001 DA_{34} 9 18.0 219°.56 1°.3/16.7 18

8 19	0 5.09	− 3 56.2	2.143	3.038	10.6	20.5
8 29	23 58.93	− 4 33.7	2.072	3.030	7.3	20.3
9 8	23 51.25	− 5 17.4	2.027	3.022	3.7	20.1
9 18	23 42.68	− 6 2.5	2.010	3.013	1.4	19.9
9 28	23 34.07	− 6 43.6	2.022	3.004	4.7	20.1
10 8	23 26.28	− 7 16.2	2.063	2.994	8.3	20.3
10 18	23 20.01	− 7 36.7	2.128	2.984	11.6	20.5
10 28	23 15.78	− 7 43.4	2.215	2.973	14.4	20.7

398122 2010 AX_{87} 9 18.0 349°.71 2°.0/14.3 17

8 19	23 55.97	− 9 57.8	3.787	4.690	6.2	20.8
8 29	23 52.15	−10 38.3	3.727	4.688	4.3	20.7
9 8	23 47.61	−11 19.2	3.695	4.687	2.5	20.6
9 18	23 42.68	−11 57.7	3.692	4.685	2.2	20.5
9 28	23 37.75	−12 31.0	3.719	4.684	3.7	20.7
10 8	23 33.24	−12 56.6	3.774	4.682	5.7	20.8
10 18	23 29.50	−13 13.1	3.855	4.681	7.5	20.9
10 28	23 26.80	−13 19.5	3.959	4.680	9.1	21.1

374835 2006 UJ_{243} 9 18.0 323°.00 1°.1/17.3 18

8 19	0 3.36	− 2 13.1	1.134	2.054	15.9	21.6
8 29	23 58.80	− 2 43.4	1.066	2.034	11.1	21.3
9 8	23 51.59	− 3 27.2	1.018	2.015	5.7	20.9
9 18	23 42.68	− 4 17.6	0.992	1.996	1.2	20.6
9 28	23 33.51	− 5 5.2	0.990	1.979	6.7	20.9
10 8	23 25.64	− 5 40.9	1.011	1.962	12.5	21.1
10 18	23 20.32	− 5 58.1	1.052	1.946	17.6	21.4
10 28	23 18.35	− 5 53.6	1.109	1.932	22.0	21.6

291942 2006 QD_{34} 9 18.0 14°.26 5°.6/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 1.27	+13 43.8	1.462	2.321	16.7	19.7
8 29	23 56.76	+13 44.7	1.403	2.325	13.1	19.5
9 8	23 50.28	+13 20.2	1.364	2.329	9.3	19.3
9 18	23 42.68	+12 31.9	1.348	2.335	6.2	19.2
9 28	23 35.10	+11 25.5	1.357	2.341	6.1	19.2
10 8	23 28.68	+10 9.9	1.390	2.348	9.1	19.4
10 18	23 24.29	+ 8 54.6	1.448	2.356	12.8	19.6
10 28	23 22.50	+ 7 48.1	1.526	2.364	16.1	19.9

67225 2000 DM_{101} 9 18.0 77°.51 1°.8/16.5 18

8 19	0 6.75	− 5 47.8	1.794	2.697	12.0	18.5
8 29	0 0.11	− 6 10.9	1.747	2.708	8.2	18.3
9 8	23 51.81	− 6 37.9	1.725	2.720	4.1	18.1
9 18	23 42.70	− 7 4.0	1.730	2.732	1.9	18.0
9 28	23 33.76	− 7 23.9	1.762	2.744	5.3	18.3
10 8	23 25.96	− 7 33.7	1.822	2.755	9.1	18.5
10 18	23 20.02	− 7 31.1	1.906	2.767	12.5	18.8
10 28	23 16.40	− 7 15.3	2.011	2.779	15.3	19.0

206561 2003 UQ_{258} 9 18.0 38°.09 0°.7/18.7 18

8 19	0 2.77	+ 2 37.4	1.593	2.487	13.7	20.3
8 29	23 57.60	+ 1 58.1	1.538	2.492	9.7	20.1
9 8	23 50.64	+ 1 4.6	1.505	2.497	5.2	19.8
9 18	23 42.70	+ 0 2.2	1.498	2.503	0.8	19.5
9 28	23 34.83	− 1 1.7	1.518	2.509	4.5	19.8
10 8	23 28.06	− 1 59.6	1.565	2.515	8.9	20.1
10 18	23 23.18	− 2 45.6	1.635	2.521	12.9	20.3
10 28	23 20.72	− 3 15.7	1.726	2.527	16.2	20.6

432597 2010 RN_{177} 9 18.0 3°.36 3°.2/16.0 17

8 19	0 3.89	− 6 8.7	0.970	1.902	16.7	20.4
8 29	23 59.13	− 6 48.1	0.926	1.900	11.5	20.1
9 8	23 51.67	− 7 34.9	0.901	1.899	6.0	19.8
9 18	23 42.70	− 8 19.9	0.898	1.900	3.4	19.7
9 28	23 33.87	− 8 52.8	0.918	1.902	8.1	20.0
10 8	23 26.77	− 9 6.2	0.959	1.906	13.6	20.3
10 18	23 22.50	− 8 57.1	1.019	1.910	18.4	20.6
10 28	23 21.63	− 8 25.3	1.095	1.916	22.3	20.9

14034 1995 BW 9 18.0 323°.47 1°.1/17.1 18

8 19	0 3.68	− 2 53.0	1.672	2.576	12.6	17.9
8 29	23 58.26	− 3 25.5	1.608	2.570	8.7	17.7
9 8	23 51.01	− 4 6.4	1.567	2.563	4.4	17.4
9 18	23 42.71	− 4 50.3	1.553	2.557	1.2	17.2
9 28	23 34.38	− 5 30.8	1.566	2.551	5.2	17.4
10 8	23 27.07	− 6 1.8	1.605	2.546	9.5	17.7
10 18	23 21.61	− 6 19.4	1.667	2.540	13.4	17.9
10 28	23 18.57	− 6 21.3	1.750	2.535	16.6	18.1

430005 2013 QG_{72} 9 18.0 359°.91 5°.6/14.0 16

8 19	0 2.34	−10 15.6	0.995	1.931	15.9	20.1
8 29	23 58.02	−11 25.7	0.953	1.928	11.1	19.8
9 8	23 51.09	−12 38.1	0.931	1.926	6.7	19.6
9 18	23 42.71	−13 40.8	0.931	1.925	6.1	19.5
9 28	23 34.45	−14 22.4	0.953	1.926	10.1	19.8
10 8	23 27.87	−14 36.3	0.996	1.928	14.9	20.0
10 18	23 24.01	−14 21.0	1.057	1.931	19.3	20.3
10 28	23 23.44	−13 38.6	1.134	1.936	22.8	20.6

4748 Tokiwagozen 9 18.0 71°.57 9°.2/ 8.4 18

8 19	0 5.62	−26 0.5	1.782	2.684	12.1	15.7
8 29	23 59.46	−27 27.5	1.754	2.689	10.1	15.6
9 8	23 51.53	−28 39.8	1.750	2.695	9.2	15.6
9 18	23 42.71	−29 29.2	1.770	2.701	9.9	15.6
9 28	23 34.11	−29 50.4	1.815	2.707	11.8	15.8
10 8	23 26.77	−29 42.1	1.881	2.713	14.1	15.9
10 18	23 21.43	−29 6.6	1.968	2.719	16.3	16.1
10 28	23 18.55	−28 8.0	2.070	2.725	18.1	16.3

73281 2002 JZ_{59} 9 18.0 20°.13 2°.1/20.2 18

8 19	0 1.37	+ 5 57.1	1.856	2.734	12.8	18.6
8 29	23 56.47	+ 5 41.7	1.797	2.739	9.4	18.4
9 8	23 50.02	+ 5 11.7	1.761	2.745	5.6	18.2
9 18	23 42.72	+ 4 30.5	1.750	2.751	2.3	18.0
9 28	23 35.46	+ 3 43.1	1.767	2.758	3.9	18.1
10 8	23 29.14	+ 2 55.6	1.811	2.765	7.6	18.3
10 18	23 24.43	+ 2 13.6	1.880	2.773	11.1	18.6
10 28	23 21.84	+ 1 41.7	1.971	2.781	14.1	18.8

257407 2009 SO_{356} 9 18.0 228°.36 0°.8/16.1 18

8 19	23 55.01	− 5 29.4	4.880	5.773	5.1	21.3
8 29	23 51.39	− 5 59.5	4.810	5.767	3.5	21.2
9 8	23 47.21	− 6 31.4	4.767	5.762	1.8	21.0
9 18	23 42.72	− 7 3.4	4.754	5.756	0.9	20.9
9 28	23 38.22	− 7 33.3	4.772	5.750	2.4	21.1
10 8	23 34.03	− 7 59.1	4.819	5.744	4.1	21.2
10 18	23 30.41	− 8 19.5	4.894	5.738	5.7	21.3
10 28	23 27.59	− 8 33.1	4.994	5.731	7.1	21.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
288974 2004 TR_{41}			9 18.0 266°.36		0°.6/18.6 18	
	h m	° ′			°	m
8 19	0 5.39	+ 1 33.6	1.855	2.742	12.4	20.8
8 29	23 59.46	+ 1 9.6	1.771	2.723	8.9	20.5
9 8	23 51.69	+ 0 33.7	1.712	2.703	4.8	20.2
9 18	23 42.74	− 0 10.5	1.679	2.683	0.6	19.9
9 28	23 33.60	− 0 57.3	1.674	2.663	4.3	20.1
10 8	23 25.28	− 1 40.6	1.697	2.643	8.7	20.4
10 18	23 18.68	− 2 15.1	1.744	2.622	12.7	20.6
10 28	23 14.43	− 2 36.5	1.813	2.601	16.0	20.7
344009 2011 SH_{99}			9 18.0 36°.80		0°.2/18.2 16	
8 19	0 1.64	+ 1 46.2	1.536	2.436	13.8	20.8
8 29	23 56.83	+ 0 54.2	1.487	2.445	9.6	20.5
9 8	23 50.25	− 0 11.5	1.461	2.455	5.0	20.3
9 18	23 42.74	− 1 24.6	1.461	2.466	0.2	19.9
9 28	23 35.36	− 2 36.9	1.487	2.477	4.7	20.3
10 8	23 29.11	− 3 40.4	1.540	2.488	9.2	20.6
10 18	23 24.77	− 4 29.3	1.615	2.500	13.1	20.9
10 28	23 22.81	− 5 0.3	1.712	2.512	16.3	21.1
94300 2001 ED_{1}			9 18.0 239°.28		3°.7/13.3 18	
8 19	0 1.91	−12 25.8	2.458	3.365	9.0	19.5
8 29	23 56.62	−13 26.6	2.395	3.355	6.3	19.3
9 8	23 50.04	−14 27.2	2.358	3.346	4.1	19.2
9 18	23 42.74	−15 22.2	2.350	3.336	4.0	19.1
9 28	23 35.42	−16 6.3	2.370	3.325	6.2	19.3
10 8	23 28.79	−16 35.8	2.418	3.315	8.9	19.4
10 18	23 23.46	−16 49.0	2.489	3.304	11.5	19.6
10 28	23 19.87	−16 45.5	2.581	3.293	13.7	19.7
461192 2015 VA_{99}			9 18.0 251°.76		5°.6/11.4 18	
8 19	0 3.88	−19 54.6	2.398	3.300	9.3	20.6
8 29	23 57.96	−20 44.8	2.348	3.296	7.1	20.5
9 8	23 50.71	−21 28.3	2.323	3.292	5.7	20.4
9 18	23 42.75	−22 0.0	2.327	3.288	6.0	20.4
9 28	23 34.85	−22 15.5	2.357	3.284	7.8	20.5
10 8	23 27.79	−22 12.8	2.413	3.280	10.1	20.6
10 18	23 22.18	−21 51.7	2.492	3.276	12.4	20.8
10 28	23 18.44	−21 13.7	2.591	3.272	14.3	20.9
294329 2007 VG_{63}			9 18.0 189°.33		1°.2/17.1 17	
8 19	0 7.06	− 2 14.3	1.478	2.381	14.0	21.4
8 29	0 0.75	− 2 58.1	1.420	2.381	9.7	21.2
9 8	23 52.34	− 3 52.3	1.385	2.381	4.8	20.9
9 18	23 42.75	− 4 50.2	1.376	2.380	1.2	20.7
9 28	23 33.19	− 5 43.7	1.393	2.379	5.7	21.0
10 8	23 24.88	− 6 25.8	1.437	2.377	10.5	21.2
10 18	23 18.75	− 6 51.7	1.503	2.376	14.6	21.5
10 28	23 15.37	− 6 59.2	1.589	2.374	18.1	21.7
73951 1997 UK_{8}			9 18.0 302°.21		1°.1/16.8 18	
8 19	0 1.33	− 3 21.2	2.150	3.050	10.4	18.6
8 29	23 56.41	− 3 58.9	2.071	3.031	7.2	18.4
9 8	23 50.02	− 4 43.4	2.017	3.012	3.6	18.2
9 18	23 42.74	− 5 30.5	1.991	2.994	1.2	18.0
9 28	23 35.36	− 6 14.8	1.992	2.976	4.5	18.2
10 8	23 28.68	− 6 51.1	2.022	2.958	8.2	18.4
10 18	23 23.40	− 7 15.8	2.076	2.940	11.5	18.5
10 28	23 20.06	− 7 26.5	2.152	2.922	14.4	18.7
240190 2002 QC_{104}			9 18.0 16°.50		1°.5/19.5 18	
8 19	0 1.65	+ 5 11.7	1.646	2.532	13.8	20.1
8 29	23 56.84	+ 4 29.6	1.585	2.533	9.9	19.9
9 8	23 50.29	+ 3 30.7	1.546	2.535	5.6	19.6
9 18	23 42.75	+ 2 19.8	1.534	2.537	1.7	19.4
9 28	23 35.24	+ 1 4.4	1.548	2.539	4.3	19.6
10 8	23 28.75	− 0 7.3	1.589	2.542	8.6	19.8
10 18	23 24.07	− 1 8.6	1.654	2.545	12.5	20.1
10 28	23 21.72	− 1 54.3	1.741	2.548	15.8	20.3
442994 2013 CM_{179}			9 18.0 315°.49		3°.1/15.3 18	
8 19	0 3.05	− 7 31.3	1.562	2.478	12.6	20.5
8 29	23 58.03	− 8 20.9	1.492	2.459	8.7	20.2
9 8	23 51.01	− 9 15.9	1.445	2.441	4.7	19.9
9 18	23 42.76	−10 9.1	1.424	2.423	3.4	19.8
9 28	23 34.36	−10 52.7	1.429	2.405	7.0	20.0
10 8	23 26.99	−11 20.4	1.459	2.388	11.3	20.2
10 18	23 21.56	−11 28.6	1.510	2.372	15.2	20.4
10 28	23 18.72	−11 16.2	1.581	2.356	18.5	20.6
253598 2003 UZ_{4}			9 18.0 8°.17		23°.5/19.0 18	
8 19	0 2.39	−49 20.5	0.931	1.795	23.6	18.0
8 29	23 58.88	−51 56.1	0.942	1.795	24.0	18.1
9 8	23 51.68	−53 32.5	0.966	1.798	24.9	18.1
9 18	23 42.74	−54 1.7	1.002	1.803	26.1	18.3
9 28	23 34.53	−53 23.5	1.048	1.809	27.4	18.4
10 8	23 29.05	−51 46.1	1.104	1.817	28.6	18.6
10 18	23 27.21	−49 20.8	1.167	1.828	29.6	18.7
10 28	23 29.17	−46 19.3	1.239	1.839	30.4	18.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
261248 2005 UT_{67}			9 18.0 342°.54		2°.1/20.5 18	
	h m	° ′			°	m
8 19	24 0.00	+ 7 52.5	1.984	2.854	12.5	20.3
8 29	23 55.51	+ 7 5.5	1.914	2.852	9.2	20.1
9 8	23 49.55	+ 6 1.4	1.868	2.851	5.5	19.9
9 18	23 42.76	+ 4 44.4	1.849	2.849	2.3	19.7
9 28	23 35.95	+ 3 20.6	1.857	2.848	3.8	19.8
10 8	23 29.96	+ 1 57.6	1.893	2.846	7.4	20.0
10 18	23 25.46	+ 0 42.1	1.955	2.845	10.9	20.2
10 28	23 22.94	− 0 20.4	2.040	2.844	13.9	20.4
260286 2004 TB_{51}			9 18.0 232°.03		5°.2/26.1 18	
8 19	0 0.55	+21 17.6	2.879	3.653	11.5	21.0
8 29	23 55.64	+20 58.9	2.783	3.642	9.6	20.9
9 8	23 49.55	+20 21.2	2.710	3.630	7.5	20.7
9 18	23 42.76	+19 25.0	2.663	3.618	5.8	20.6
9 28	23 35.90	+18 12.8	2.644	3.605	5.3	20.5
10 8	23 29.59	+16 49.4	2.654	3.592	6.4	20.6
10 18	23 24.41	+15 20.6	2.692	3.579	8.4	20.7
10 28	23 20.79	+13 52.5	2.756	3.565	10.5	20.8
336055 2008 DV_{8}			9 18.0 240°.33		2°.2/19.6 17	
8 19	0 8.00	+ 4 27.3	1.486	2.371	15.1	21.2
8 29	0 1.51	+ 4 24.9	1.419	2.366	11.0	20.9
9 8	23 52.81	+ 4 6.4	1.374	2.361	6.4	20.6
9 18	23 42.78	+ 3 35.2	1.354	2.356	2.3	20.4
9 28	23 32.66	+ 2 56.6	1.360	2.351	4.9	20.5
10 8	23 23.73	+ 2 18.0	1.393	2.345	9.6	20.8
10 18	23 17.01	+ 1 45.6	1.449	2.340	13.9	21.0
10 28	23 13.14	+ 1 24.8	1.526	2.334	17.6	21.3
213510 2002 GC_{93}			9 18.0 105°.12		3°.1/20.8 17	
8 19	0 5.48	+ 8 58.0	1.443	2.317	16.1	20.5
8 29	23 59.63	+ 8 22.1	1.389	2.328	11.9	20.3
9 8	23 51.75	+ 7 23.8	1.357	2.338	7.3	20.0
9 18	23 42.77	+ 6 7.8	1.349	2.349	3.4	19.8
9 28	23 33.92	+ 4 42.4	1.368	2.359	4.8	20.0
10 8	23 26.36	+ 3 17.6	1.413	2.368	9.2	20.2
10 18	23 20.97	+ 2 2.2	1.482	2.378	13.3	20.5
10 28	23 18.29	+ 1 2.7	1.572	2.387	16.8	20.8
321148 2008 UZ_{286}			9 18.0 268°.05		1°.0/16.8 18	
8 19	0 0.05	− 3 9.8	2.616	3.511	9.0	21.2
8 29	23 55.29	− 3 52.9	2.542	3.500	6.1	21.0
9 8	23 49.36	− 4 41.8	2.493	3.488	3.1	20.8
9 18	23 42.77	− 5 32.7	2.473	3.477	1.1	20.6
9 28	23 36.12	− 6 21.0	2.483	3.465	3.9	20.8
10 8	23 30.07	− 7 2.4	2.521	3.453	7.0	21.0
10 18	23 25.16	− 7 33.8	2.585	3.442	9.8	21.2
10 28	23 21.83	− 7 52.9	2.671	3.430	12.2	21.3
63830 2001 RO_{72}			9 18.0 9°.74		0°.9/17.3 18	
8 19	0 5.38	− 3 28.3	1.747	2.648	12.3	18.3
8 29	23 59.33	− 3 43.6	1.689	2.649	8.5	18.0
9 8	23 51.53	− 4 5.4	1.655	2.650	4.3	17.8
9 18	23 42.78	− 4 29.1	1.647	2.651	1.0	17.6
9 28	23 34.08	− 4 49.6	1.667	2.653	4.9	17.8
10 8	23 26.45	− 5 2.4	1.713	2.655	9.0	18.1
10 18	23 20.65	− 5 4.3	1.784	2.657	12.7	18.3
10 28	23 17.21	− 4 53.5	1.876	2.659	15.7	18.5
377024 2002 RA_{140}			9 18.0 350°.31		12°.6/ 9.1 18	
8 19	0 1.76	−23 40.6	0.899	1.836	17.1	19.1
8 29	23 57.99	−25 9.1	0.862	1.824	14.1	18.9
9 8	23 51.23	−26 19.0	0.843	1.813	12.6	18.8
9 18	23 42.78	−26 55.2	0.843	1.804	13.6	18.8
9 28	23 34.48	−26 47.9	0.862	1.798	16.5	18.9
10 8	23 28.08	−25 55.6	0.898	1.793	20.1	19.1
10 18	23 24.75	−24 23.6	0.949	1.791	23.6	19.4
10 28	23 25.03	−22 20.4	1.014	1.791	26.6	19.6
388181 2006 BS_{167}			9 18.0 205°.81		3°.5/21.1 18	
8 19	0 7.37	+ 8 50.9	1.956	2.811	13.3	22.3
8 29	0 0.71	+ 9 0.3	1.881	2.808	10.0	22.1
9 8	23 52.28	+ 8 54.2	1.830	2.804	6.6	21.8
9 18	23 42.80	+ 8 33.8	1.806	2.800	3.7	21.7
9 28	23 33.23	+ 8 2.7	1.809	2.795	4.6	21.7
10 8	23 24.57	+ 7 26.1	1.841	2.791	7.9	21.9
10 18	23 17.64	+ 6 49.8	1.898	2.785	11.3	22.1
10 28	23 13.01	+ 6 19.1	1.978	2.780	14.4	22.3
342785 2008 WG_{114}			9 18.0 218°.70		0°.2/18.2 18	
8 19	0 4.04	+ 0 58.0	1.952	2.840	11.8	21.6
8 29	23 58.34	+ 0 21.2	1.882	2.835	8.3	21.4
9 8	23 51.03	− 0 26.6	1.838	2.830	4.3	21.2
9 18	23 42.79	− 1 20.8	1.820	2.825	0.2	20.8
9 28	23 34.52	− 2 15.6	1.831	2.819	4.2	21.1
10 8	23 27.12	− 3 4.9	1.870	2.814	8.2	21.4
10 18	23 21.34	− 3 43.9	1.934	2.808	11.8	21.6
10 28	23 17.71	− 4 9.2	2.019	2.801	14.8	21.8

97359 2000 AC_{32} 9 18.0 206°.62 5°.3/11.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 2.21	−18 48.4	2.517	3.422	8.9	19.5
8 29	23 56.79	−19 54.7	2.468	3.419	6.7	19.3
9 8	23 50.13	−20 55.8	2.446	3.416	5.4	19.2
9 18	23 42.80	−21 46.2	2.451	3.413	5.7	19.3
9 28	23 35.50	−22 21.1	2.484	3.410	7.5	19.4
10 8	23 28.96	−22 37.9	2.543	3.407	9.8	19.5
10 18	23 23.73	−22 36.1	2.624	3.403	11.9	19.7
10 28	23 20.26	−22 16.6	2.726	3.399	13.8	19.8

100873 1998 HT_{82} 9 18.1 86°.78 0°.8/18.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 7.80	+ 2 39.9	1.424	2.316	15.1	20.0
8 29	0 1.11	+ 2 5.3	1.383	2.337	10.6	19.8
9 8	23 52.45	+ 1 16.1	1.365	2.356	5.7	19.6
9 18	23 42.82	+ 0 18.1	1.372	2.376	0.9	19.3
9 28	23 33.47	− 0 40.7	1.405	2.396	4.8	19.6
10 8	23 25.56	− 1 32.7	1.465	2.415	9.5	20.0
10 18	23 19.90	− 2 12.1	1.549	2.433	13.6	20.3
10 28	23 16.96	− 2 35.5	1.652	2.452	16.9	20.5

422838 2002 EL_2 9 18.1 67°.86 8°.5/24.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 17.84	+18 42.6	1.663	2.463	17.6	20.3
8 29	0 8.00	+20 5.0	1.622	2.497	14.4	20.1
9 8	23 55.97	+21 1.3	1.603	2.530	11.2	20.0
9 18	23 42.84	+21 28.8	1.610	2.564	8.9	20.0
9 28	23 30.00	+21 29.0	1.644	2.597	8.6	20.0
10 8	23 18.74	+21 8.0	1.704	2.629	10.2	20.2
10 18	23 10.00	+20 34.1	1.789	2.662	12.7	20.4
10 28	23 4.29	+19 56.0	1.897	2.694	15.1	20.7

134749 2000 BT_{24} 9 18.1 350°.21 2°.1/21.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	23 58.65	+ 9 7.6	3.951	4.789	7.5	18.8
8 29	23 54.03	+ 9 15.1	3.872	4.787	5.7	18.7
9 8	23 48.64	+ 9 14.7	3.818	4.786	3.8	18.6
9 18	23 42.81	+ 9 7.3	3.794	4.784	2.3	18.5
9 28	23 36.96	+ 8 54.4	3.799	4.783	2.6	18.5
10 8	23 31.51	+ 8 38.4	3.834	4.781	4.3	18.6
10 18	23 26.80	+ 8 21.5	3.898	4.780	6.1	18.7
10 28	23 23.17	+ 8 6.1	3.987	4.779	7.9	18.9

171156 2005 GA_{90} 9 18.1 268°.49 6°.0/12.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 7.58	−17 43.2	1.859	2.766	11.4	19.9
8 29	0 0.84	−18 28.3	1.806	2.761	8.5	19.7
9 8	23 52.31	−19 7.0	1.778	2.756	6.3	19.5
9 18	23 42.83	−19 32.8	1.776	2.750	6.4	19.5
9 28	23 33.43	−19 40.2	1.800	2.745	8.7	19.7
10 8	23 25.15	−19 26.9	1.850	2.739	11.6	19.8
10 18	23 18.76	−18 53.2	1.923	2.734	14.5	20.0
10 28	23 14.78	−18 1.1	2.015	2.728	17.0	20.2

483235 2015 RU_{89} 9 18.1 358°.01 5°.1/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 1.61	+13 53.8	1.818	2.663	14.6	20.4
8 29	23 56.80	+13 56.1	1.748	2.661	11.5	20.2
9 8	23 50.31	+13 37.2	1.699	2.660	8.2	20.0
9 18	23 42.82	+12 58.2	1.675	2.659	5.6	19.9
9 28	23 35.28	+12 3.3	1.677	2.659	5.5	19.9
10 8	23 28.65	+10 59.3	1.706	2.659	8.1	20.0
10 18	23 23.71	+ 9 53.6	1.759	2.660	11.3	20.2
10 28	23 21.03	+ 8 53.5	1.835	2.661	14.4	20.5

254457 2005 CC_{22} 9 18.1 257°.59 1°.6/19.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 5.48	+ 4 32.4	1.426	2.315	15.3	20.8
8 29	23 59.85	+ 4 0.6	1.357	2.308	11.0	20.6
9 8	23 52.01	+ 3 10.2	1.311	2.300	6.2	20.3
9 18	23 42.83	+ 2 5.9	1.289	2.292	1.7	20.0
9 28	23 33.54	+ 0 55.6	1.293	2.284	4.9	20.2
10 8	23 25.41	− 0 11.6	1.323	2.276	9.9	20.4
10 18	23 19.47	− 1 7.6	1.376	2.268	14.5	20.7
10 28	23 16.37	− 1 46.9	1.449	2.260	18.3	20.9

78484 2002 RS_{57} 9 18.1 3°.40 2°.9/20.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 2.85	+ 7 26.9	1.623	2.501	14.4	19.3
8 29	23 57.75	+ 7 13.4	1.560	2.500	10.7	19.0
9 8	23 50.82	+ 6 41.8	1.518	2.500	6.6	18.8
9 18	23 42.82	+ 5 55.2	1.501	2.501	3.1	18.6
9 28	23 34.82	+ 4 59.5	1.511	2.501	4.5	18.7
10 8	23 27.86	+ 4 2.2	1.547	2.503	8.5	18.9
10 18	23 22.77	+ 3 10.2	1.607	2.504	12.4	19.2
10 28	23 20.12	+ 2 29.4	1.688	2.506	15.8	19.4

324370 2006 QV_{167} 9 18.1 27°.68 2°.7/15.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 1.91	− 3 15.0	1.080	2.006	16.0	20.2
8 29	23 57.51	− 4 40.2	1.041	2.013	10.9	20.0
9 8	23 50.78	− 6 17.4	1.023	2.021	5.4	19.7
9 18	23 42.82	− 7 54.8	1.028	2.030	3.0	19.6
9 28	23 35.06	− 9 19.7	1.057	2.040	7.6	19.9
10 8	23 28.85	−10 22.3	1.109	2.051	12.7	20.2
10 18	23 25.13	−10 57.8	1.181	2.062	17.2	20.5
10 28	23 24.40	−11 5.6	1.270	2.074	20.7	20.8

383026 2005 NV_{61} 9 18.1 342°.57 3°.1/15.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	23 56.49	− 4 48.2	0.896	1.838	16.6	19.5
8 29	23 54.33	− 5 41.0	0.836	1.815	11.6	19.1
9 8	23 49.46	− 6 47.6	0.795	1.794	6.0	18.7
9 18	23 42.81	− 7 57.7	0.773	1.776	3.4	18.5
9 28	23 35.95	− 8 58.0	0.773	1.760	8.6	18.8
10 8	23 30.53	− 9 36.9	0.792	1.746	14.6	19.0
10 18	23 27.85	− 9 47.7	0.829	1.734	19.9	19.3
10 28	23 28.69	− 9 28.2	0.880	1.726	24.4	19.5

173277 1999 TG_{47} 9 18.1 73°.91 1°.1/17.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 6.13	− 1 50.5	1.368	2.275	14.6	20.5
8 29	0 0.17	− 2 34.4	1.317	2.280	10.1	20.2
9 8	23 52.08	− 3 29.3	1.289	2.285	5.1	20.0
9 18	23 42.83	− 4 28.2	1.285	2.290	1.1	19.7
9 28	23 33.69	− 5 22.7	1.308	2.294	5.8	20.0
10 8	23 25.90	− 6 5.1	1.355	2.299	10.7	20.3
10 18	23 20.38	− 6 30.8	1.426	2.304	14.9	20.6
10 28	23 17.68	− 6 37.5	1.515	2.309	18.4	20.9

344667 2003 SA_{142} 9 18.1 39°.23 5°.1/14.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 6.32	−11 19.5	1.196	2.121	14.8	19.8
8 29	0 0.17	−12 14.0	1.175	2.145	10.2	19.7
9 8	23 51.95	−13 6.0	1.176	2.169	6.2	19.5
9 18	23 42.83	−13 46.7	1.201	2.194	5.4	19.5
9 28	23 34.21	−14 8.7	1.250	2.220	8.7	19.8
10 8	23 27.30	−14 8.8	1.322	2.246	12.7	20.1
10 18	23 22.86	−13 47.2	1.415	2.273	16.2	20.4
10 28	23 21.25	−13 6.2	1.526	2.301	19.1	20.7

192489 1998 HU_{22} 9 18.1 180°.43 3°.9/14.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 7.27	−12 24.7	2.156	3.058	10.3	21.1
8 29	0 0.40	−13 12.2	2.101	3.059	7.2	20.9
9 8	23 52.02	−13 58.4	2.072	3.060	4.5	20.7
9 18	23 42.84	−14 37.7	2.072	3.060	4.2	20.7
9 28	23 33.73	−15 4.9	2.100	3.060	6.5	20.8
10 8	23 25.57	−15 16.7	2.156	3.059	9.6	21.0
10 18	23 19.03	−15 12.0	2.236	3.057	12.4	21.2
10 28	23 14.59	−14 51.3	2.337	3.055	14.8	21.4

75618 2000 AM_{42} 9 18.1 127°.19 11°.5/ 5.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 11.11	−35 9.5	1.919	2.786	13.0	18.8
8 29	0 3.23	−36 50.9	1.912	2.802	11.8	18.8
9 8	23 53.46	−38 9.1	1.927	2.818	11.6	18.8
9 18	23 42.85	−38 56.5	1.966	2.834	12.3	18.9
9 28	23 32.61	−39 9.5	2.028	2.848	13.7	19.0
10 8	23 23.88	−38 49.3	2.109	2.862	15.4	19.2
10 18	23 17.41	−38 0.1	2.208	2.875	16.9	19.3
10 28	23 13.62	−36 47.7	2.322	2.887	18.2	19.5

271631 2004 PM_{69} 9 18.1 46°.28 3°.4/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 4.25	+ 8 23.3	1.378	2.258	16.3	19.8
8 29	23 58.83	+ 8 7.5	1.329	2.270	12.1	19.6
9 8	23 51.37	+ 7 30.2	1.301	2.283	7.5	19.4
9 18	23 42.84	+ 6 35.4	1.297	2.296	3.7	19.2
9 28	23 34.45	+ 5 30.6	1.319	2.309	5.0	19.3
10 8	23 27.39	+ 4 24.7	1.366	2.323	9.2	19.6
10 18	23 22.52	+ 3 26.0	1.436	2.337	13.3	19.9
10 28	23 20.35	+ 2 40.6	1.527	2.352	16.8	20.2

2658 Gingerich 9 18.1 183°.31 1°.9/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 0.83	+ 8 30.6	3.106	3.952	9.1	18.5
8 29	23 55.67	+ 7 58.5	3.029	3.953	6.8	18.3
9 8	23 49.53	+ 7 15.2	2.977	3.953	4.2	18.1
9 18	23 42.84	+ 6 23.1	2.955	3.952	2.1	18.0
9 28	23 36.13	+ 5 25.6	2.963	3.951	2.8	18.0
10 8	23 29.96	+ 4 26.9	3.001	3.949	5.2	18.2
10 18	23 24.79	+ 3 30.9	3.067	3.946	7.7	18.4
10 28	23 21.00	+ 2 41.3	3.158	3.944	9.9	18.5

448584 2010 TE_{44} 9 18.1 26°.78 1°.2/19.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	23 59.99	+ 5 34.2	1.907	2.788	12.4	21.5
8 29	23 55.53	+ 4 34.7	1.844	2.790	8.9	21.3
9 8	23 49.59	+ 3 19.3	1.805	2.793	5.0	21.0
9 18	23 42.83	+ 1 53.3	1.792	2.796	1.4	20.8
9 28	23 36.10	+ 0 23.8	1.808	2.799	3.8	21.0
10 8	23 30.22	− 1 1.3	1.851	2.802	7.7	21.2
10 18	23 25.89	− 2 15.5	1.920	2.805	11.3	21.5
10 28	23 23.57	− 3 13.9	2.012	2.809	14.3	21.7

344650 2003 RM_6 9 18.1 10°.99 5°.4/12.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	23 59.37	− 9 28.9	1.363	2.291	13.1	19.1
8 29	23 55.51	−11 39.4	1.321	2.292	9.1	18.9
9 8	23 49.71	−13 53.7	1.303	2.295	5.8	18.7
9 18	23 42.84	−15 58.9	1.310	2.298	6.1	18.8
9 28	23 36.04	−17 42.8	1.343	2.302	9.5	19.0
10 8	23 30.44	−18 57.3	1.399	2.306	13.4	19.2
10 18	23 26.88	−19 39.6	1.476	2.311	16.9	19.5
10 28	23 25.87	−19 50.7	1.570	2.317	19.8	19.7

213731 2002 VM_{124} 9 18.1 267°.31 1°.4/19.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 1.49	+ 5 21.9	1.982	2.860	12.2	20.5
8 29	23 56.63	+ 4 36.2	1.905	2.849	8.8	20.3
9 8	23 50.20	+ 3 35.0	1.851	2.838	5.0	20.0
9 18	23 42.84	+ 2 22.4	1.824	2.827	1.5	19.8
9 28	23 35.39	+ 1 4.8	1.825	2.816	3.8	19.9
10 8	23 28.73	− 0 10.7	1.855	2.805	7.8	20.1
10 18	23 23.58	− 1 17.6	1.909	2.793	11.4	20.3
10 28	23 20.50	− 2 10.8	1.987	2.782	14.6	20.5

288587 2004 JO_{14} 9 18.1 66°.86 2°.8/15.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 4.56	− 5 33.9	1.428	2.342	13.6	20.1
8 29	23 58.96	− 6 43.3	1.385	2.352	9.3	19.9
9 8	23 51.41	− 7 59.1	1.366	2.362	4.8	19.7
9 18	23 42.85	− 9 12.6	1.372	2.372	3.1	19.6
9 28	23 34.48	−10 14.9	1.405	2.383	6.8	19.8
10 8	23 27.41	−10 59.3	1.462	2.393	11.1	20.1
10 18	23 22.47	−11 22.5	1.542	2.403	14.9	20.4
10 28	23 20.16	−11 24.0	1.640	2.414	18.0	20.6

399323 1998 SD_{177} 9 18.1 332°.47 1°.1/19.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	23 57.60	+ 6 30.7	1.811	2.694	12.9	20.3
8 29	23 54.04	+ 5 9.7	1.734	2.682	9.3	20.1
9 8	23 48.91	+ 3 28.8	1.681	2.670	5.2	19.8
9 18	23 42.85	+ 1 33.7	1.655	2.659	1.3	19.5
9 28	23 36.71	− 0 26.6	1.657	2.648	4.0	19.7
10 8	23 31.38	− 2 22.1	1.686	2.638	8.3	19.9
10 18	23 27.59	− 4 4.3	1.741	2.628	12.2	20.1
10 28	23 25.88	− 5 26.9	1.819	2.619	15.5	20.3

291086 2005 YU_{127} 9 18.1 217°.15 0°.7/18.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 2.44	+ 2 12.0	2.434	3.313	10.2	21.6
8 29	23 57.01	+ 1 49.7	2.362	3.309	7.2	21.4
9 8	23 50.30	+ 1 18.3	2.315	3.305	3.9	21.2
9 18	23 42.86	+ 0 40.7	2.296	3.301	0.8	20.9
9 28	23 35.40	+ 0 1.0	2.307	3.296	3.3	21.1
10 8	23 28.63	− 0 36.3	2.346	3.292	6.7	21.3
10 18	23 23.13	− 1 7.4	2.412	3.287	9.7	21.5
10 28	23 19.38	− 1 29.3	2.501	3.282	12.3	21.7

362785 2011 WJ_{121} 9 18.1 257°.63 1°.0/19.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 4.47	+ 2 30.1	2.213	3.091	11.1	21.1
8 29	23 58.60	+ 2 17.7	2.131	3.077	7.9	20.8
9 8	23 51.19	+ 1 55.3	2.074	3.063	4.4	20.6
9 18	23 42.87	+ 1 25.4	2.045	3.048	1.1	20.3
9 28	23 34.43	+ 0 52.4	2.044	3.034	3.6	20.5
10 8	23 26.72	+ 0 20.6	2.073	3.019	7.3	20.7
10 18	23 20.43	− 0 5.5	2.127	3.004	10.7	20.9
10 28	23 16.13	− 0 22.5	2.204	2.989	13.6	21.1

222487 2001 SZ_{165} 9 18.1 287°.60 0°.3/18.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 4.67	+ 1 5.3	1.532	2.429	13.9	20.8
8 29	23 59.28	+ 0 32.8	1.455	2.411	9.9	20.6
9 8	23 51.75	− 0 14.0	1.400	2.394	5.2	20.3
9 18	23 42.88	− 1 10.2	1.371	2.376	0.3	19.8
9 28	23 33.79	− 2 8.4	1.368	2.358	5.0	20.2
10 8	23 25.70	− 3 0.7	1.391	2.340	10.0	20.4
10 18	23 19.63	− 3 40.6	1.437	2.322	14.4	20.6
10 28	23 16.26	− 4 3.7	1.504	2.304	18.2	20.8

320109 2007 ED_{136} 9 18.1 271°.36 0°.1/18.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 0.17	+ 1 48.1	2.188	3.075	10.8	20.9
8 29	23 55.58	+ 0 49.9	2.115	3.068	7.5	20.7
9 8	23 49.62	− 0 19.7	2.068	3.061	3.9	20.5
9 18	23 42.88	− 1 36.1	2.048	3.053	0.1	20.1
9 28	23 36.09	− 2 53.0	2.058	3.046	3.8	20.4
10 8	23 30.02	− 4 4.1	2.095	3.038	7.5	20.7
10 18	23 25.30	− 5 4.1	2.159	3.031	10.8	20.9
10 28	23 22.42	− 5 49.5	2.244	3.023	13.6	21.0

359359 2009 UV_{13} 9 18.1 23°.09 4°.1/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 5.96	−12 8.6	1.601	2.515	12.4	19.3
8 29	23 59.74	−12 30.1	1.561	2.525	8.7	19.1
9 8	23 51.75	−12 49.3	1.545	2.536	5.2	18.9
9 18	23 42.90	−13 0.4	1.555	2.548	4.4	18.9
9 28	23 34.29	−12 58.6	1.591	2.561	7.2	19.1
10 8	23 26.97	−12 41.4	1.653	2.575	10.7	19.3
10 18	23 21.67	−12 8.5	1.737	2.589	14.0	19.6
10 28	23 18.84	−11 21.0	1.841	2.604	16.7	19.8

208741 2002 NA_{38} 9 18.1 3°.98 7°.7/ 8.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	23 58.98	−14 45.5	1.452	2.380	12.4	18.6
8 29	23 55.25	−17 49.8	1.414	2.380	9.2	18.5
9 8	23 49.61	−20 51.7	1.403	2.380	7.7	18.4
9 18	23 42.88	−23 35.7	1.418	2.381	9.0	18.4
9 28	23 36.16	−25 48.6	1.459	2.382	12.0	18.6
10 8	23 30.56	−27 23.2	1.523	2.384	15.3	18.8
10 18	23 26.93	−28 18.3	1.607	2.387	18.2	19.1
10 28	23 25.82	−28 36.8	1.705	2.390	20.5	19.3

91785 1999 TU_{217} 9 18.1 306°.79 2°.2/20.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 0.09	+ 8 3.5	2.107	2.973	12.0	19.5
8 29	23 55.57	+ 7 23.9	2.032	2.967	8.9	19.3
9 8	23 49.64	+ 6 28.1	1.981	2.961	5.5	19.1
9 18	23 42.88	+ 5 19.6	1.956	2.956	2.4	18.9
9 28	23 36.08	+ 4 3.9	1.960	2.950	3.6	19.0
10 8	23 30.03	+ 2 47.7	1.992	2.945	7.1	19.2
10 18	23 25.38	+ 1 37.4	2.049	2.939	10.5	19.4
10 28	23 22.64	+ 0 38.2	2.130	2.934	13.4	19.6

250313 2003 QW_{103} 9 18.1 359°.87 7°.4/13.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 3.30	−13 51.8	0.889	1.830	16.8	18.9
8 29	23 58.95	−14 48.3	0.850	1.825	12.1	18.6
9 8	23 51.72	−15 40.5	0.830	1.823	8.2	18.4
9 18	23 42.90	−16 16.1	0.831	1.822	7.9	18.4
9 28	23 34.27	−16 25.0	0.852	1.822	11.6	18.6
10 8	23 27.53	−16 2.9	0.893	1.825	16.3	18.8
10 18	23 23.78	−15 11.3	0.952	1.829	20.6	19.1
10 28	23 23.57	−13 54.3	1.025	1.835	24.2	19.4

260484 2005 CP_{42} 9 18.1 35°.36 1°.1/17.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 8.44	− 3 6.6	1.222	2.134	15.7	20.8
8 29	0 1.97	− 3 25.4	1.173	2.138	10.8	20.6
9 8	23 53.10	− 3 53.5	1.146	2.142	5.5	20.3
9 18	23 42.92	− 4 24.5	1.143	2.147	1.2	20.0
9 28	23 32.88	− 4 51.2	1.165	2.152	6.2	20.4
10 8	23 24.40	− 5 7.0	1.211	2.157	11.3	20.7
10 18	23 18.49	− 5 8.0	1.278	2.163	15.8	21.0
10 28	23 15.71	− 4 52.6	1.365	2.169	19.5	21.2

448438 2009 WL_{113} 9 18.1 27°.43 4°.0/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	23 59.37	+13 53.1	2.012	2.855	13.4	20.8
8 29	23 55.09	+13 15.6	1.946	2.860	10.4	20.6
9 8	23 49.38	+12 17.2	1.901	2.865	7.2	20.4
9 18	23 42.89	+11 0.7	1.882	2.871	4.5	20.3
9 28	23 36.43	+ 9 32.0	1.891	2.877	4.5	20.3
10 8	23 30.79	+ 7 58.5	1.928	2.883	7.1	20.4
10 18	23 26.64	+ 6 28.2	1.991	2.890	10.3	20.7
10 28	23 24.43	+ 5 7.6	2.077	2.897	13.2	20.9

41842 2000 WO_{60} 9 18.1 320°.03 10°.0/ 7.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 3.90	−24 5.3	1.492	2.406	13.2	17.6
8 29	23 58.75	−25 55.5	1.450	2.396	10.9	17.5
9 8	23 51.44	−27 32.9	1.432	2.387	10.0	17.4
9 18	23 42.92	−28 46.2	1.438	2.378	11.0	17.5
9 28	23 34.45	−29 27.1	1.466	2.369	13.4	17.6
10 8	23 27.25	−29 32.6	1.515	2.361	16.2	17.7
10 18	23 22.28	−29 4.5	1.582	2.353	18.8	17.9
10 28	23 20.10	−28 7.1	1.665	2.345	21.1	18.1

504898 2010 XP_{74} 9 18.1 287°.74 5°.2/12.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 3.47	−16 33.4	2.131	3.040	10.0	21.2
8 29	23 57.90	−17 30.8	2.074	3.031	7.4	21.0
9 8	23 50.82	−18 24.1	2.044	3.023	5.5	20.9
9 18	23 42.92	−19 7.2	2.040	3.014	5.7	20.9
9 28	23 35.04	−19 34.7	2.063	3.006	7.8	21.0
10 8	23 28.01	−19 43.4	2.112	2.997	10.6	21.2
10 18	23 22.54	−19 32.6	2.184	2.989	13.2	21.3
10 28	23 19.09	−19 3.2	2.275	2.981	15.4	21.5

315611 2008 CS_{180} 9 18.1 82°.03 1°.1/16.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 3.21	+ 2 43.4	1.426	2.324	14.7	20.0
8 29	23 57.97	+ 0 23.5	1.386	2.346	10.0	19.8
9 8	23 50.89	− 2 13.2	1.371	2.367	4.9	19.6
9 18	23 42.92	− 4 54.3	1.384	2.388	1.3	19.4
9 28	23 35.18	− 7 25.4	1.425	2.408	5.9	19.7
10 8	23 28.75	− 9 34.9	1.493	2.429	10.5	20.1
10 18	23 24.37	−11 15.8	1.585	2.449	14.5	20.4
10 28	23 22.49	−12 26.0	1.698	2.469	17.6	20.6

342377 2008 UD_{19} 9 18.1 76°.29 0°.1/18.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 5.14	+ 0 50.7	1.593	2.489	13.6	21.3
8 29	23 59.23	+ 0 13.9	1.545	2.501	9.5	21.1
9 8	23 51.54	− 0 34.8	1.520	2.514	4.9	20.8
9 18	23 42.93	− 1 29.8	1.522	2.526	0.2	20.5
9 28	23 34.46	− 2 24.1	1.550	2.539	4.7	20.9
10 8	23 27.19	− 3 10.8	1.605	2.551	9.0	21.2
10 18	23 21.88	− 3 45.0	1.683	2.564	12.9	21.4
10 28	23 19.02	− 4 3.8	1.783	2.576	16.0	21.7

397267 2006 RS_{58} 9 18.1 267°.38 0°.5/17.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 3.42	− 1 23.6	1.966	2.861	11.4	21.5
8 29	23 57.96	− 1 58.2	1.897	2.854	7.9	21.2
9 8	23 50.90	− 2 41.4	1.852	2.847	4.0	21.0
9 18	23 42.93	− 3 28.7	1.835	2.839	0.6	20.7
9 28	23 34.91	− 4 14.6	1.845	2.832	4.4	21.0
10 8	23 27.74	− 4 53.3	1.883	2.824	8.4	21.2
10 18	23 22.15	− 5 21.0	1.946	2.817	11.9	21.4
10 28	23 18.68	− 5 34.7	2.031	2.809	14.8	21.6

476938 2008 WY_{136} 9 18.1 338°.39 4°.9/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 5.87	−11 43.7	1.226	2.151	14.6	19.6
8 29	0 0.39	−12 11.1	1.167	2.136	10.3	19.3
9 8	23 52.41	−12 37.4	1.129	2.123	6.2	19.1
9 18	23 42.94	−12 54.7	1.115	2.110	5.2	19.0
9 28	23 33.41	−12 55.5	1.124	2.098	8.8	19.2
10 8	23 25.29	−12 35.4	1.157	2.088	13.4	19.4
10 18	23 19.68	−11 53.7	1.210	2.079	17.6	19.6
10 28	23 17.26	−10 52.0	1.280	2.071	21.2	19.9

400442 2008 EA_3 9 18.1 109°.77 3°.8/13.9 18

8 19	0 3.15	−11 2.6	1.995	2.905	10.5	20.9
8 29	23 57.68	−12 2.8	1.943	2.906	7.3	20.7
9 8	23 50.71	−13 3.3	1.917	2.907	4.5	20.5
9 18	23 42.93	−13 57.7	1.918	2.908	4.1	20.5
9 28	23 35.22	−14 39.9	1.947	2.909	6.7	20.7
10 8	23 28.42	−15 5.8	2.002	2.910	9.9	20.9
10 18	23 23.22	−15 13.6	2.080	2.911	12.8	21.1
10 28	23 20.08	−15 3.4	2.178	2.912	15.3	21.3

407106 2009 SY_{288} 9 18.1 281°.81 1°.8/15.9 17

8 19	0 1.99	− 5 56.7	2.293	3.195	9.8	21.9
8 29	23 56.82	− 6 37.9	2.219	3.180	6.7	21.6
9 8	23 50.28	− 7 23.6	2.171	3.166	3.5	21.4
9 18	23 42.93	− 8 9.1	2.151	3.151	2.0	21.3
9 28	23 35.51	− 8 49.4	2.159	3.137	4.8	21.5
10 8	23 28.79	− 9 20.2	2.195	3.122	8.1	21.6
10 18	23 23.40	− 9 38.3	2.256	3.108	11.2	21.8
10 28	23 19.85	− 9 42.3	2.339	3.093	13.8	22.0

492346 2014 HW_7 9 18.1 51°.67 2°.4/15.7 16

8 19	0 3.54	− 6 11.2	1.821	2.728	11.5	21.3
8 29	23 58.05	− 7 2.2	1.767	2.730	7.9	21.1
9 8	23 50.93	− 7 57.9	1.737	2.732	4.1	20.9
9 18	23 42.94	− 8 52.1	1.734	2.735	2.6	20.8
9 28	23 35.01	− 9 38.4	1.759	2.737	5.8	21.0
10 8	23 28.07	−10 11.6	1.811	2.739	9.5	21.2
10 18	23 22.85	−10 28.7	1.886	2.741	12.9	21.4
10 28	23 19.83	−10 28.5	1.981	2.744	15.7	21.6

394597 2007 VU_{229} 9 18.1 253°.68 3°.5/21.7 18

8 19	0 2.87	+10 32.6	1.988	2.842	13.1	20.8
8 29	23 57.63	+10 15.3	1.909	2.834	10.0	20.6
9 8	23 50.77	+ 9 39.7	1.854	2.826	6.6	20.4
9 18	23 42.94	+ 8 48.2	1.825	2.818	3.8	20.2
9 28	23 35.02	+ 7 45.3	1.823	2.810	4.3	20.2
10 8	23 27.91	+ 6 37.8	1.849	2.802	7.5	20.4
10 18	23 22.36	+ 5 32.5	1.901	2.794	11.0	20.6
10 28	23 18.95	+ 4 35.4	1.975	2.785	14.1	20.8

297999 2002 NF_{71} 9 18.1 131°.24 4°.5/22.9 18

8 19	0 4.20	+13 35.6	1.969	2.807	13.9	20.6
8 29	23 58.49	+13 27.4	1.903	2.813	10.8	20.4
9 8	23 51.17	+12 59.2	1.859	2.820	7.6	20.2
9 18	23 42.95	+12 12.7	1.840	2.826	5.0	20.1
9 28	23 34.75	+11 12.4	1.850	2.832	5.0	20.1
10 8	23 27.46	+10 4.8	1.886	2.837	7.6	20.3
10 18	23 21.83	+ 8 57.2	1.949	2.843	10.7	20.5
10 28	23 18.37	+ 7 56.0	2.034	2.848	13.6	20.7

331891 2004 GT_{27} 9 18.1 64°.12 2°.9/15.2 17

8 19	0 3.53	− 3 30.3	1.342	2.257	14.3	20.0
8 29	23 58.21	− 5 25.7	1.314	2.281	9.6	19.8
9 8	23 51.02	− 7 28.9	1.309	2.306	4.8	19.6
9 18	23 42.95	− 9 28.2	1.331	2.331	3.3	19.6
9 28	23 35.21	−11 11.9	1.379	2.355	7.2	19.9
10 8	23 28.87	−12 31.8	1.452	2.380	11.4	20.2
10 18	23 24.68	−13 24.4	1.548	2.405	15.1	20.5
10 28	23 23.05	−13 49.8	1.662	2.429	18.1	20.8

516407 2002 GM_{53} 9 18.1 183°.84 2°.3/21.1 18

8 19	0 2.82	+ 8 19.7	2.718	3.567	10.1	22.2
8 29	23 57.21	+ 8 7.4	2.642	3.567	7.6	22.0
9 8	23 50.42	+ 7 43.4	2.592	3.567	4.8	21.8
9 18	23 42.97	+ 7 9.5	2.570	3.566	2.5	21.7
9 28	23 35.49	+ 6 29.0	2.578	3.565	3.2	21.7
10 8	23 28.64	+ 5 45.9	2.615	3.564	5.9	21.9
10 18	23 22.97	+ 5 4.5	2.679	3.562	8.6	22.1
10 28	23 18.89	+ 4 28.6	2.768	3.560	11.0	22.3

433677 2014 EO_7 9 18.1 299°.47 0°.5/17.0 16

8 19	23 55.32	− 2 48.3	4.203	5.092	6.0	20.7
8 29	23 51.75	− 3 24.7	4.132	5.087	4.1	20.6
9 8	23 47.52	− 4 4.7	4.088	5.083	2.0	20.4
9 18	23 42.94	− 4 45.9	4.074	5.078	0.6	20.3
9 28	23 38.35	− 5 25.7	4.090	5.073	2.4	20.5
10 8	23 34.11	− 6 1.7	4.136	5.069	4.5	20.6
10 18	23 30.53	− 6 31.8	4.209	5.064	6.4	20.7
10 28	23 27.87	− 6 54.4	4.307	5.060	8.0	20.9

477826 2011 EB_{51} 9 18.1 62°.80 8°.9/ 8.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 6.88	−19 12.0	1.464	2.380	13.2	20.3
8 29	0 0.36	−22 20.1	1.470	2.422	10.2	20.2
9 8	23 52.04	−25 10.1	1.502	2.464	8.9	20.2
9 18	23 42.98	−27 28.9	1.562	2.506	10.0	20.4
9 28	23 34.42	−29 8.8	1.647	2.547	12.3	20.7
10 8	23 27.40	−30 8.6	1.754	2.587	14.9	20.9
10 18	23 22.62	−30 32.0	1.881	2.627	17.1	21.2
10 28	23 20.42	−30 24.7	2.022	2.667	18.7	21.4

16764 1996 TV_{14} 9 18.1 35°.10 0°.2/18.3 18

8 19	0 3.30	+ 0 41.9	1.807	2.701	12.4	18.2
8 29	23 57.90	+ 0 13.4	1.750	2.705	8.7	18.0
9 8	23 50.89	− 0 25.6	1.716	2.709	4.5	17.7
9 18	23 42.98	− 1 10.8	1.708	2.713	0.3	17.4
9 28	23 35.13	− 1 56.2	1.728	2.718	4.2	17.7
10 8	23 28.25	− 2 36.0	1.775	2.722	8.3	18.0
10 18	23 23.08	− 3 5.7	1.847	2.727	11.9	18.2
10 28	23 20.11	− 3 22.2	1.940	2.732	15.0	18.5

130965 2000 WK_{106} 9 18.1 358°.25 1°.7/16.6 18

8 19	23 54.38	− 0 35.5	0.951	1.886	16.7	18.6
8 29	23 52.60	− 1 57.0	0.903	1.878	11.5	18.3
9 8	23 48.47	− 3 38.0	0.874	1.874	5.7	17.9
9 18	23 42.96	− 5 26.9	0.867	1.871	1.9	17.7
9 28	23 37.45	− 7 8.6	0.882	1.870	7.3	18.0
10 8	23 33.35	− 8 29.7	0.918	1.872	13.0	18.3
10 18	23 31.67	− 9 22.1	0.973	1.876	17.9	18.6
10 28	23 32.98	− 9 42.8	1.045	1.882	22.0	18.9

12352 Jepejacobsen 9 18.1 281°.25 6°.2/10.2 18 R

8 19	0 1.62	−18 28.7	2.122	3.033	10.0	16.6
8 29	23 56.69	−20 0.3	2.068	3.022	7.6	16.4
9 8	23 50.27	−21 27.2	2.040	3.011	6.2	16.3
9 18	23 42.98	−22 42.0	2.039	3.000	6.8	16.3
9 28	23 35.66	−23 37.8	2.064	2.988	9.0	16.5
10 8	23 29.15	−24 11.0	2.115	2.977	11.5	16.6
10 18	23 24.15	−24 20.5	2.187	2.966	14.0	16.8
10 28	23 21.17	−24 7.3	2.277	2.955	16.1	16.9

471570 2012 QN_{27} 9 18.1 353°.29 2°.9/19.7 18

8 19	0 9.20	+ 3 22.0	1.305	2.198	16.2	20.3
8 29	0 2.62	+ 4 3.1	1.243	2.194	11.9	20.0
9 8	23 53.56	+ 4 30.7	1.203	2.190	7.1	19.7
9 18	23 43.02	+ 4 45.6	1.186	2.188	3.0	19.5
9 28	23 32.40	+ 4 51.3	1.195	2.186	5.4	19.6
10 8	23 23.15	+ 4 52.7	1.229	2.185	10.2	19.9
10 18	23 16.39	+ 4 55.3	1.286	2.185	14.7	20.2
10 28	23 12.80	+ 5 4.0	1.362	2.185	18.5	20.4

468035 2013 QM_2 9 18.1 57°.73 1°.0/17.2 16

8 19	0 4.22	+ 0 35.3	1.146	2.059	16.4	21.5
8 29	23 58.96	− 0 48.6	1.112	2.078	11.2	21.3
9 8	23 51.52	− 2 27.8	1.100	2.097	5.6	21.1
9 18	23 42.99	− 4 11.5	1.112	2.116	1.1	20.8
9 28	23 34.80	− 5 47.4	1.149	2.136	6.2	21.2
10 8	23 28.19	− 7 5.1	1.210	2.156	11.4	21.6
10 18	23 24.02	− 7 58.7	1.292	2.176	15.7	21.9
10 28	23 22.74	− 8 26.5	1.393	2.196	19.2	22.2

123955 2001 FC_{10} 9 18.1 151°.19 0°.0/18.1 18

8 19	0 1.47	+ 0 25.2	2.753	3.634	9.0	21.0
8 29	23 56.21	− 0 11.2	2.690	3.640	6.3	20.8
9 8	23 49.89	− 0 54.8	2.655	3.647	3.2	20.7
9 18	23 42.99	− 1 42.2	2.648	3.653	0.1	20.4
9 28	23 36.13	− 2 29.3	2.671	3.659	3.1	20.7
10 8	23 29.91	− 3 12.2	2.724	3.664	6.1	20.9
10 18	23 24.82	− 3 47.4	2.803	3.669	8.8	21.1
10 28	23 21.24	− 4 12.7	2.907	3.674	11.1	21.2

92057 1999 VS_{215} 9 18.1 203°.07 3°.4/22.0 18

8 19	0 2.64	+10 48.9	2.325	3.170	11.8	19.9
8 29	23 57.27	+10 43.9	2.251	3.169	9.0	19.7
9 8	23 50.53	+10 23.7	2.200	3.168	6.1	19.5
9 18	23 43.00	+ 9 50.1	2.176	3.167	3.7	19.3
9 28	23 35.43	+ 9 6.4	2.181	3.166	4.0	19.4
10 8	23 28.58	+ 8 17.7	2.213	3.164	6.7	19.5
10 18	23 23.09	+ 7 29.1	2.273	3.163	9.6	19.7
10 28	23 19.45	+ 6 45.7	2.356	3.161	12.2	19.9

401690 2013 HP_{17} 9 18.1 185°.67 0°.1/18.2 18

8 19	0 1.98	+ 0 50.5	2.560	3.442	9.6	22.1
8 29	23 56.67	+ 0 10.9	2.491	3.441	6.7	21.9
9 8	23 50.16	− 0 36.9	2.449	3.441	3.5	21.7
9 18	23 43.00	− 1 29.4	2.435	3.440	0.1	21.4
9 28	23 35.83	− 2 22.1	2.451	3.439	3.3	21.7
10 8	23 29.32	− 3 10.4	2.496	3.437	6.6	21.9
10 18	23 24.03	− 3 50.4	2.567	3.435	9.5	22.1
10 28	23 20.37	− 4 19.5	2.662	3.432	11.9	22.2

269206 2008 JU_{21} 9 18.1 319°.17 3°.8/14.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 1.31	− 5 59.7	1.225	2.150	14.5	19.8
8 29	23 57.26	− 7 28.0	1.161	2.133	10.0	19.5
9 8	23 50.87	− 9 7.7	1.120	2.117	5.4	19.2
9 18	23 43.00	−10 47.7	1.102	2.101	4.2	19.1
9 28	23 34.97	−12 15.4	1.109	2.085	8.5	19.3
10 8	23 28.15	−13 20.3	1.139	2.071	13.5	19.5
10 18	23 23.64	−13 56.8	1.188	2.057	18.0	19.8
10 28	23 22.15	−14 3.5	1.255	2.044	21.7	20.0

479984 2014 JK_{65} 9 18.1 255°.16 0°.5/17.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 2.33	− 0 18.8	1.923	2.818	11.7	21.2
8 29	23 57.23	− 1 9.6	1.857	2.814	8.1	21.0
9 8	23 50.56	− 2 10.7	1.816	2.810	4.1	20.7
9 18	23 43.00	− 3 16.9	1.802	2.807	0.5	20.4
9 28	23 35.43	− 4 21.6	1.816	2.803	4.4	20.7
10 8	23 28.71	− 5 18.4	1.858	2.799	8.4	21.0
10 18	23 23.58	− 6 2.4	1.924	2.795	12.0	21.2
10 28	23 20.54	− 6 30.6	2.011	2.791	14.9	21.4

474694 2005 EG_{294} 9 18.1 243°.16 0°.1/18.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 8.50	− 0 59.2	2.105	2.988	11.3	21.3
8 29	0 1.50	− 1 4.2	2.024	2.974	8.0	21.1
9 8	23 52.79	− 1 16.5	1.968	2.960	4.2	20.8
9 18	23 43.03	− 1 33.2	1.940	2.945	0.1	20.4
9 28	23 33.14	− 1 50.2	1.942	2.929	4.1	20.7
10 8	23 24.06	− 2 3.3	1.972	2.913	8.0	21.0
10 18	23 16.58	− 2 9.4	2.029	2.897	11.6	21.2
10 28	23 11.31	− 2 5.7	2.108	2.880	14.6	21.3

355499 2007 XL_{40} 9 18.1 245°.45 0°.4/17.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 4.34	− 1 28.8	2.161	3.051	10.8	21.1
8 29	23 58.54	− 1 58.7	2.085	3.040	7.5	20.9
9 8	23 51.23	− 2 36.4	2.034	3.028	3.8	20.6
9 18	23 43.02	− 3 18.1	2.011	3.016	0.5	20.3
9 28	23 34.72	− 3 58.6	2.017	3.003	4.1	20.6
10 8	23 27.18	− 4 33.2	2.051	2.991	7.9	20.8
10 18	23 21.11	− 4 57.9	2.111	2.978	11.3	21.0
10 28	23 17.04	− 5 10.1	2.193	2.964	14.1	21.2

21005 1988 BF_{5} 9 18.1 134°.81 4°.9/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 3.95	+15 48.9	2.088	2.911	13.7	19.0
8 29	23 58.26	+15 34.3	2.021	2.920	10.9	18.8
9 8	23 51.06	+14 58.8	1.977	2.929	7.9	18.7
9 18	23 43.03	+14 4.2	1.958	2.937	5.4	18.5
9 28	23 35.02	+12 54.7	1.967	2.946	5.2	18.5
10 8	23 27.90	+11 37.1	2.004	2.953	7.4	18.7
10 18	23 22.37	+10 18.7	2.068	2.961	10.2	18.9
10 28	23 18.89	+ 9 6.2	2.155	2.968	13.0	19.1

37670 1994 TW_{12} 9 18.1 318°.74 0°.1/18.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 4.28	+ 0 35.2	1.343	2.249	15.0	19.2
8 29	23 59.17	+ 0 6.0	1.277	2.238	10.6	19.0
9 8	23 51.79	− 0 37.8	1.233	2.227	5.6	18.6
9 18	23 43.03	− 1 30.6	1.212	2.217	0.2	18.2
9 28	23 34.15	− 2 24.4	1.217	2.207	5.4	18.6
10 8	23 26.46	− 3 10.8	1.247	2.198	10.6	18.9
10 18	23 21.00	− 3 43.5	1.299	2.189	15.2	19.1
10 28	23 18.44	− 3 58.2	1.369	2.181	19.1	19.3

263181 2007 XV_{51} 9 18.1 258°.73 0°.2/18.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 4.01	+ 0 30.9	1.962	2.851	11.7	21.2
8 29	23 58.39	+ 0 5.2	1.893	2.846	8.2	20.9
9 8	23 51.17	− 0 30.4	1.849	2.841	4.3	20.7
9 18	23 43.03	− 1 12.0	1.831	2.836	0.2	20.3
9 28	23 34.85	− 1 54.2	1.842	2.831	4.1	20.7
10 8	23 27.54	− 2 31.7	1.880	2.825	8.1	20.9
10 18	23 21.83	− 3 0.1	1.943	2.820	11.6	21.1
10 28	23 18.24	− 3 16.1	2.029	2.814	14.6	21.3

516964 2012 DS_{90} 9 18.1 204°.05 0°.3/17.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 2.05	− 0 58.4	2.479	3.367	9.7	22.2
8 29	23 56.76	− 1 32.8	2.411	3.364	6.7	22.0
9 8	23 50.24	− 2 14.4	2.368	3.362	3.4	21.8
9 18	23 43.03	− 2 59.5	2.354	3.359	0.3	21.6
9 28	23 35.81	− 3 43.5	2.369	3.356	3.6	21.8
10 8	23 29.27	− 4 22.2	2.413	3.352	6.9	22.1
10 18	23 23.98	− 4 52.1	2.483	3.349	9.8	22.2
10 28	23 20.38	− 5 10.9	2.576	3.345	12.3	22.4

199597 2006 FK_{23} 9 18.1 152°.68 1°.6/16.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 5.62	− 4 31.3	1.941	2.840	11.4	20.5
8 29	23 59.43	− 5 12.9	1.885	2.845	7.8	20.3
9 8	23 51.66	− 6 0.1	1.855	2.850	3.9	20.1
9 18	23 43.05	− 6 47.6	1.852	2.854	1.7	19.9
9 28	23 34.51	− 7 29.6	1.877	2.858	5.0	20.2
10 8	23 26.94	− 8 1.2	1.930	2.862	8.8	20.4
10 18	23 21.05	− 8 19.2	2.007	2.865	12.1	20.6
10 28	23 17.33	− 8 22.2	2.106	2.868	14.9	20.8

301592 2010 CG_{47} 9 18.1 102°.82 1°.1/16.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 1.39	− 0 3.9	1.864	2.761	11.9	20.8
8 29	23 56.55	− 1 38.3	1.810	2.769	8.1	20.6
9 8	23 50.20	− 3 24.2	1.782	2.777	4.0	20.3
9 18	23 43.04	− 5 13.9	1.781	2.785	1.2	20.2
9 28	23 35.95	− 6 58.5	1.810	2.793	4.9	20.4
10 8	23 29.79	− 8 30.0	1.866	2.801	8.9	20.7
10 18	23 25.22	− 9 42.9	1.948	2.808	12.3	20.9
10 28	23 22.73	−10 34.5	2.050	2.816	15.1	21.1

476085 2007 TP_{48} 9 18.1 301°.76 0°.1/18.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 4.67	− 0 32.2	1.700	2.597	12.8	21.4
8 29	23 59.10	− 0 53.8	1.629	2.586	9.0	21.1
9 8	23 51.64	− 1 25.7	1.581	2.575	4.7	20.9
9 18	23 43.06	− 2 3.5	1.559	2.564	0.1	20.4
9 28	23 34.37	− 2 41.3	1.564	2.553	4.7	20.8
10 8	23 26.65	− 3 13.1	1.596	2.542	9.1	21.1
10 18	23 20.76	− 3 34.3	1.652	2.532	13.1	21.3
10 28	23 17.31	− 3 41.6	1.729	2.522	16.5	21.5

90846 1996 DY 9 18.1 169°.41 1°.9/20.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 5.30	+ 6 13.4	2.860	3.712	9.6	19.9
8 29	23 58.87	+ 6 16.0	2.787	3.716	7.1	19.7
9 8	23 51.29	+ 6 9.1	2.741	3.719	4.4	19.5
9 18	23 43.06	+ 5 54.2	2.724	3.722	2.1	19.4
9 28	23 34.83	+ 5 34.0	2.737	3.724	3.1	19.5
10 8	23 27.23	+ 5 11.6	2.780	3.726	5.7	19.6
10 18	23 20.81	+ 4 50.5	2.851	3.728	8.3	19.8
10 28	23 15.97	+ 4 33.7	2.947	3.729	10.6	20.0

387379 2012 XE_{153} 9 18.1 56°.88 7°.5/11.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 6.82	−20 0.0	1.637	2.548	12.4	20.2
8 29	0 0.46	−21 8.4	1.601	2.554	9.5	20.1
9 8	23 52.23	−22 7.2	1.588	2.559	7.6	20.0
9 18	23 43.07	−22 48.2	1.601	2.565	8.0	20.0
9 28	23 34.12	−23 5.4	1.639	2.571	10.3	20.2
10 8	23 26.47	−22 56.8	1.701	2.577	13.2	20.4
10 18	23 20.91	−22 23.5	1.783	2.583	15.9	20.6
10 28	23 17.91	−21 28.9	1.883	2.589	18.2	20.8

337998 2002 ER_{19} 9 18.1 243°.81 1°.0/17.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 17.19	− 5 46.8	1.836	2.720	12.6	20.9
8 29	0 7.71	− 5 20.5	1.759	2.711	8.9	20.7
9 8	23 56.06	− 4 55.9	1.709	2.702	4.6	20.4
9 18	23 43.12	− 4 30.2	1.688	2.692	1.0	20.1
9 28	23 30.10	− 4 1.0	1.697	2.682	5.0	20.4
10 8	23 18.24	− 3 26.1	1.736	2.671	9.4	20.7
10 18	23 8.53	− 2 44.5	1.802	2.661	13.3	20.9
10 28	23 1.61	− 1 55.6	1.890	2.650	16.5	21.1

400951 2010 VM_{118} 9 18.1 73°.30 7°.6/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 2.85	+24 59.6	2.215	2.977	14.9	20.6
8 29	23 57.49	+25 8.8	2.153	2.994	12.7	20.5
9 8	23 50.67	+24 53.2	2.111	3.010	10.3	20.4
9 18	23 43.06	+24 12.8	2.092	3.027	8.4	20.3
9 28	23 35.50	+23 10.3	2.099	3.043	7.6	20.3
10 8	23 28.83	+21 51.8	2.132	3.060	8.3	20.3
10 18	23 23.71	+20 24.5	2.191	3.076	10.1	20.5
10 28	23 20.61	+18 56.4	2.274	3.093	12.2	20.7

315095 2007 DL_{99} 9 18.1 61°.05 0°.6/18.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 5.39	+ 0 34.4	2.050	2.935	11.5	20.2
8 29	23 59.20	+ 0 30.0	1.994	2.944	8.1	20.0
9 8	23 51.53	+ 0 17.1	1.962	2.954	4.3	19.8
9 18	23 43.08	− 0 1.1	1.959	2.963	0.6	19.5
9 28	23 34.72	− 0 20.8	1.983	2.973	3.8	19.8
10 8	23 27.29	− 0 37.7	2.036	2.982	7.5	20.1
10 18	23 21.45	− 0 48.3	2.114	2.992	10.8	20.3
10 28	23 17.67	− 0 50.2	2.215	3.002	13.5	20.5

449045 2012 DQ_{21} 9 18.1 273°.57 1°.1/16.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 0.10	− 1 48.1	2.217	3.114	10.2	21.1
8 29	23 55.58	− 2 57.4	2.147	3.106	7.0	20.8
9 8	23 49.71	− 4 15.7	2.102	3.097	3.5	20.6
9 18	23 43.06	− 5 37.3	2.085	3.088	1.2	20.4
9 28	23 36.37	− 6 55.8	2.097	3.080	4.5	20.6
10 8	23 30.37	− 8 5.0	2.138	3.071	8.0	20.8
10 18	23 25.70	− 9 0.3	2.203	3.062	11.2	21.0
10 28	23 22.84	− 9 39.0	2.291	3.054	13.8	21.2

80833 2000 DR_{5} 9 18.1 122°.75 1°.5/19.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 7.48	+ 3 27.9	1.567	2.452	14.4	19.2
8 29	0 1.05	+ 3 16.1	1.508	2.457	10.3	19.0
9 8	23 52.63	+ 2 50.0	1.472	2.461	5.8	18.8
9 18	23 43.10	+ 2 13.2	1.462	2.465	1.7	18.5
9 28	23 33.61	+ 1 31.9	1.478	2.469	4.5	18.7
10 8	23 25.31	+ 0 52.7	1.522	2.473	9.0	19.0
10 18	23 19.09	+ 0 21.3	1.589	2.477	13.1	19.2
10 28	23 15.51	+ 0 2.1	1.677	2.480	16.5	19.5

33927 2000 LH_{27} 9 18.1 47°.09 1°.7/19.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 6.58	+ 4 2.6	1.050	1.955	18.2	18.3
8 29	0 0.81	+ 3 39.3	1.013	1.971	13.0	18.1
9 8	23 52.58	+ 2 55.7	0.996	1.988	7.2	17.8
9 18	23 43.10	+ 1 58.4	1.002	2.006	1.9	17.5
9 28	23 33.94	+ 0 57.0	1.031	2.024	5.5	17.8
10 8	23 26.55	+ 0 1.8	1.084	2.042	10.9	18.2
10 18	23 21.89	− 0 39.5	1.158	2.061	15.7	18.5
10 28	23 20.41	− 1 2.5	1.250	2.080	19.5	18.9

270739 2002 RC_{10} 9 18.1 349°.29 1°.7/19.1 18 R

8 19	0 7.08	+ 1 42.9	1.144	2.051	16.9	20.0
8 29	0 1.37	+ 1 59.6	1.086	2.045	12.2	19.7
9 8	23 53.03	+ 2 1.7	1.047	2.040	6.8	19.4
9 18	23 43.11	+ 1 52.2	1.032	2.036	1.9	19.0
9 28	23 33.11	+ 1 36.9	1.040	2.032	5.6	19.3
10 8	23 24.59	+ 1 22.7	1.072	2.030	11.1	19.6
10 18	23 18.73	+ 1 15.7	1.126	2.029	16.0	19.9
10 28	23 16.21	+ 1 20.7	1.197	2.028	20.1	20.1

211832 2004 EN_{80} 9 18.1 76°.16 5°.7/11.2 18

8 19	0 1.68	−14 45.3	1.874	2.790	10.8	19.1
8 29	23 56.79	−16 35.4	1.835	2.796	7.8	18.9
9 8	23 50.35	−18 22.5	1.822	2.802	5.9	18.8
9 18	23 43.08	−19 57.5	1.836	2.808	6.4	18.9
9 28	23 35.89	−21 12.8	1.877	2.815	8.8	19.0
10 8	23 29.67	−22 3.7	1.943	2.821	11.7	19.2
10 18	23 25.11	−22 29.0	2.030	2.827	14.3	19.4
10 28	23 22.67	−22 29.8	2.136	2.834	16.5	19.6

426468 2013 QO_{83} 9 18.1 11°.44 0°.4/17.8 18

8 19	23 58.25	+ 2 5.2	0.932	1.858	17.9	19.7
8 29	23 55.32	+ 0 48.3	0.890	1.860	12.5	19.4
9 8	23 49.89	− 0 51.2	0.867	1.864	6.4	19.1
9 18	23 43.07	− 2 41.9	0.865	1.870	0.4	18.7
9 28	23 36.38	− 4 28.7	0.886	1.877	6.6	19.2
10 8	23 31.25	− 5 57.6	0.929	1.886	12.4	19.6
10 18	23 28.71	− 6 59.8	0.991	1.896	17.5	19.9
10 28	23 29.29	− 7 31.8	1.070	1.907	21.6	20.2

236465 2006 FO_{1} 9 18.1 268°.95 0°.1/17.9 18

8 19	0 4.62	+ 0 1.9	1.722	2.617	12.8	21.4
8 29	23 59.06	− 0 33.5	1.650	2.607	9.0	21.2
9 8	23 51.63	− 1 20.4	1.602	2.596	4.6	20.9
9 18	23 43.10	− 2 13.9	1.581	2.585	0.1	20.5
9 28	23 34.46	− 3 7.3	1.586	2.575	4.7	20.9
10 8	23 26.77	− 3 54.1	1.619	2.564	9.1	21.1
10 18	23 20.89	− 4 28.8	1.675	2.553	13.1	21.3
10 28	23 17.42	− 4 48.0	1.753	2.542	16.4	21.5

339950 2005 UH_{140} 9 18.1 74°.60 1°.5/15.9 18

8 19	23 59.55	− 6 22.8	3.011	3.909	7.8	21.2
8 29	23 54.85	− 6 57.9	2.955	3.915	5.3	21.1
9 8	23 49.21	− 7 35.3	2.926	3.921	2.7	20.9
9 18	23 43.08	− 8 11.8	2.926	3.926	1.6	20.8
9 28	23 36.99	− 8 43.9	2.955	3.932	3.8	21.0
10 8	23 31.47	− 9 8.7	3.013	3.938	6.3	21.2
10 18	23 26.95	− 9 24.1	3.097	3.944	8.6	21.3
10 28	23 23.79	− 9 28.9	3.204	3.949	10.6	21.5

15458 1998 YW_{9} 9 18.1 317°.30 0°.5/17.7 18

8 19	0 2.82	− 0 21.7	1.276	2.187	15.1	17.7
8 29	23 58.35	− 1 1.7	1.203	2.167	10.7	17.4
9 8	23 51.50	− 1 57.3	1.151	2.148	5.5	17.0
9 18	23 43.12	− 3 2.0	1.124	2.128	0.5	16.6
9 28	23 34.48	− 4 6.6	1.121	2.110	5.9	16.9
10 8	23 26.97	− 5 1.5	1.141	2.092	11.4	17.2
10 18	23 21.74	− 5 39.3	1.184	2.075	16.3	17.4
10 28	23 19.55	− 5 55.8	1.244	2.059	20.4	17.7

300867 2008 AR_{4} 9 18.1 252°.16 1°.1/16.9 18

8 19	0 5.34	− 3 54.1	2.176	3.069	10.5	21.1
8 29	23 59.28	− 4 21.7	2.098	3.055	7.3	20.9
9 8	23 51.67	− 4 55.2	2.046	3.040	3.7	20.6
9 18	23 43.12	− 5 30.3	2.022	3.025	1.2	20.4
9 28	23 34.48	− 6 2.2	2.027	3.010	4.5	20.6
10 8	23 26.59	− 6 26.5	2.060	2.994	8.2	20.8
10 18	23 20.18	− 6 40.1	2.118	2.978	11.5	21.0
10 28	23 15.80	− 6 40.7	2.199	2.962	14.3	21.2

517894 2015 TP_{70} 9 18.1 337°.58 3°.3/15.1 18

8 19	0 5.15	−10 43.8	1.957	2.865	10.9	20.7
8 29	23 59.17	−11 9.7	1.897	2.859	7.6	20.5
9 8	23 51.59	−11 35.5	1.863	2.855	4.4	20.3
9 18	23 43.12	−11 55.9	1.855	2.850	3.5	20.3
9 28	23 34.69	−12 6.4	1.875	2.846	6.2	20.4
10 8	23 27.21	−12 3.5	1.922	2.842	9.6	20.6
10 18	23 21.40	−11 46.0	1.992	2.838	12.7	20.8
10 28	23 17.76	−11 13.9	2.083	2.835	15.4	21.0

92341 2000 GO_{110} 9 18.1 31°.64 1°.2/18.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 6.17	+ 1 39.9	0.854	1.776	19.5	18.2
8 29	0 0.80	+ 1 33.8	0.824	1.791	13.8	17.9
9 8	23 52.65	+ 1 8.6	0.813	1.808	7.4	17.7
9 18	23 43.13	+ 0 31.1	0.822	1.826	1.3	17.4
9 28	23 34.05	− 0 8.8	0.853	1.846	6.1	17.8
10 8	23 27.02	− 0 41.3	0.905	1.866	12.0	18.2
10 18	23 23.05	− 0 59.9	0.976	1.888	17.1	18.5
10 28	23 22.56	− 1 0.7	1.065	1.910	21.1	18.9

54960 2001 PE_{10} 9 18.1 346°.92 1°.4/16.9 18

8 19	0 2.49	− 2 11.7	1.198	2.116	15.3	18.4
8 29	23 58.04	− 3 0.5	1.141	2.110	10.6	18.1
9 8	23 51.27	− 4 2.2	1.106	2.104	5.4	17.8
9 18	23 43.12	− 5 8.8	1.095	2.099	1.6	17.5
9 28	23 34.95	− 6 10.4	1.107	2.095	6.5	17.8
10 8	23 28.11	− 6 57.8	1.143	2.091	11.7	18.1
10 18	23 23.63	− 7 25.3	1.200	2.089	16.4	18.4
10 28	23 22.14	− 7 30.3	1.275	2.088	20.2	18.6

301456 2009 DY_{112} 9 18.1 65°.96 1°.8/16.3 18

8 19	0 2.96	− 4 6.6	1.809	2.714	11.7	20.9
8 29	23 57.71	− 5 3.9	1.755	2.718	8.0	20.7
9 8	23 50.85	− 6 8.2	1.725	2.721	4.0	20.4
9 18	23 43.13	− 7 13.1	1.723	2.725	2.0	20.3
9 28	23 35.45	− 8 11.6	1.747	2.728	5.4	20.5
10 8	23 28.76	− 8 57.8	1.799	2.732	9.3	20.8
10 18	23 23.75	− 9 27.9	1.874	2.736	12.7	21.0
10 28	23 20.93	− 9 40.3	1.970	2.739	15.6	21.2

297128 2010 SY_{2} 9 18.1 55°.47 1°.0/19.2 18

8 19	0 3.19	+ 2 56.0	1.950	2.834	12.0	20.7
8 29	23 57.76	+ 2 33.6	1.894	2.842	8.6	20.5
9 8	23 50.84	+ 1 59.7	1.861	2.851	4.7	20.3
9 18	23 43.13	+ 1 18.1	1.856	2.860	1.1	20.1
9 28	23 35.48	+ 0 33.9	1.878	2.869	3.8	20.3
10 8	23 28.75	− 0 7.3	1.928	2.878	7.6	20.6
10 18	23 23.62	− 0 40.9	2.004	2.887	11.0	20.8
10 28	23 20.54	− 1 3.5	2.101	2.896	13.9	21.0

160031 1998 HD_{48} 9 18.1 64°.24 2°.3/16.0 18

8 19	0 4.48	− 4 39.0	1.526	2.437	13.2	19.4
8 29	23 58.84	− 5 43.0	1.488	2.453	8.9	19.2
9 8	23 51.43	− 6 53.4	1.473	2.469	4.5	19.0
9 18	23 43.13	− 8 2.3	1.485	2.486	2.5	18.9
9 28	23 35.06	− 9 1.9	1.523	2.503	6.1	19.2
10 8	23 28.23	− 9 45.7	1.586	2.519	10.2	19.5
10 18	23 23.40	−10 10.7	1.673	2.536	13.9	19.7
10 28	23 21.02	−10 15.9	1.779	2.553	16.8	20.0

304126 2006 KG_{13} 9 18.1 356°.10 3°.4/14.7 18

8 19	23 56.02	− 3 14.0	1.171	2.100	14.7	19.1
8 29	23 53.51	− 5 18.0	1.120	2.094	9.9	18.8
9 8	23 48.92	− 7 37.0	1.091	2.090	5.1	18.5
9 18	23 43.10	− 9 57.6	1.087	2.086	3.9	18.4
9 28	23 37.29	−12 4.4	1.107	2.085	8.3	18.7
10 8	23 32.69	−13 45.1	1.150	2.084	13.1	19.0
10 18	23 30.22	−14 52.9	1.213	2.085	17.4	19.2
10 28	23 30.45	−15 26.3	1.294	2.088	20.9	19.5

220403 2003 SH_{48} 9 18.1 349°.77 0°.0/18.1 18

8 19	0 3.30	− 0 49.4	1.896	2.791	11.8	19.0
8 29	23 57.96	− 1 1.0	1.831	2.787	8.2	18.8
9 8	23 51.01	− 1 21.0	1.790	2.783	4.3	18.6
9 18	23 43.15	− 1 45.7	1.775	2.780	0.1	18.2
9 28	23 35.27	− 2 10.3	1.788	2.777	4.2	18.6
10 8	23 28.28	− 2 30.3	1.828	2.775	8.1	18.8
10 18	23 22.92	− 2 41.8	1.893	2.773	11.7	19.0
10 28	23 19.71	− 2 42.2	1.980	2.772	14.7	19.2

355156 2006 VD_{66} 9 18.1 219°.96 1°.6/16.4 18

8 19	0 3.26	− 4 33.4	2.026	2.927	10.9	21.1
8 29	23 57.82	− 5 17.0	1.965	2.926	7.4	20.9
9 8	23 50.90	− 6 6.4	1.930	2.926	3.8	20.7
9 18	23 43.15	− 6 56.3	1.922	2.925	1.7	20.6
9 28	23 35.42	− 7 41.0	1.943	2.924	4.9	20.8
10 8	23 28.55	− 8 15.6	1.990	2.923	8.5	21.0
10 18	23 23.22	− 8 36.8	2.063	2.922	11.8	21.2
10 28	23 19.92	− 8 43.0	2.156	2.921	14.5	21.4

19614 Montelongo 9 18.1 337°.58 3°.9/20.6 18

8 19	0 5.32	+ 6 23.7	1.128	2.024	17.9	17.3
8 29	0 0.30	+ 6 46.6	1.063	2.013	13.4	17.0
9 8	23 52.60	+ 6 48.8	1.018	2.003	8.4	16.7
9 18	23 43.18	+ 6 31.7	0.994	1.994	4.2	16.5
9 28	23 33.54	+ 6 0.6	0.994	1.986	6.0	16.5
10 8	23 25.28	+ 5 23.9	1.017	1.978	11.0	16.8
10 18	23 19.66	+ 4 50.3	1.061	1.972	16.0	17.1
10 28	23 17.44	+ 4 27.5	1.123	1.967	20.3	17.3

77662 2001 LU_{12} 9 18.1 90°.28 5°.6/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 5.51	+16 19.9	1.976	2.797	14.5	19.0
8 29	23 59.43	+16 30.1	1.917	2.812	11.6	18.9
9 8	23 51.73	+16 19.2	1.880	2.827	8.6	18.7
9 18	23 43.17	+15 47.8	1.868	2.842	6.2	18.6
9 28	23 34.67	+14 59.8	1.883	2.857	5.9	18.6
10 8	23 27.15	+14 1.1	1.925	2.871	7.8	18.8
10 18	23 21.33	+12 58.9	1.993	2.886	10.6	19.0
10 28	23 17.72	+11 59.9	2.084	2.900	13.2	19.2

253357 2003 FO_{133} 9 18.1 247°.37 0°.8/19.9 18

8 19	23 55.89	+ 4 12.2	4.473	5.336	6.2	21.1
8 29	23 52.17	+ 3 52.5	4.395	5.332	4.5	20.9
9 8	23 47.82	+ 3 27.0	4.343	5.327	2.6	20.8
9 18	23 43.12	+ 2 57.3	4.321	5.323	0.9	20.7
9 28	23 38.41	+ 2 25.6	4.330	5.319	1.9	20.7
10 8	23 34.03	+ 1 54.0	4.368	5.315	3.8	20.9
10 18	23 30.27	+ 1 24.7	4.434	5.311	5.6	21.0
10 28	23 27.39	+ 0 59.7	4.526	5.306	7.2	21.1

351042 2003 SX_{196} 9 18.1 313°.69 8°.0/24.9 18

8 19	0 3.47	+18 34.7	1.584	2.410	17.2	20.6
8 29	23 58.65	+19 6.1	1.499	2.392	14.3	20.4
9 8	23 51.63	+19 11.0	1.434	2.375	11.2	20.2
9 18	23 43.17	+18 47.5	1.390	2.358	8.7	20.0
9 28	23 34.38	+17 57.4	1.371	2.341	8.1	19.9
10 8	23 26.51	+16 47.5	1.377	2.325	10.2	20.0
10 18	23 20.64	+15 27.0	1.406	2.309	13.4	20.1
10 28	23 17.54	+14 6.7	1.456	2.294	16.8	20.3

260192 2004 RW_{156} 9 18.1 294°.30 1°.3/19.4 18

8 19	0 4.74	+ 2 50.3	2.092	2.970	11.6	20.3
8 29	23 58.99	+ 2 49.3	2.006	2.952	8.4	20.0
9 8	23 51.59	+ 2 38.0	1.945	2.933	4.8	19.8
9 18	23 43.18	+ 2 18.7	1.912	2.915	1.4	19.5
9 28	23 34.59	+ 1 55.0	1.907	2.897	3.8	19.7
10 8	23 26.73	+ 1 31.6	1.929	2.878	7.6	19.9
10 18	23 20.37	+ 1 12.7	1.978	2.860	11.2	20.1
10 28	23 16.10	+ 1 2.1	2.048	2.842	14.2	20.2

478942 2012 XF_{38} 9 18.1 258°.67 5°.1/23.7 18

8 19	0 3.98	+15 49.5	2.155	2.976	13.4	21.9
8 29	23 58.52	+15 41.2	2.059	2.956	10.8	21.7
9 8	23 51.39	+15 12.1	1.984	2.935	7.9	21.5
9 18	23 43.18	+14 22.7	1.935	2.914	5.5	21.3
9 28	23 34.74	+13 16.2	1.914	2.892	5.4	21.3
10 8	23 26.98	+11 58.7	1.921	2.869	7.7	21.4
10 18	23 20.69	+10 37.5	1.954	2.847	10.8	21.5
10 28	23 16.51	+ 9 20.2	2.011	2.823	13.8	21.7

487637 2015 OD_{18} 9 18.1 173°.26 3°.6/21.4 18

8 19	0 6.49	+ 9 13.2	1.960	2.815	13.3	21.1
8 29	0 0.19	+ 9 25.2	1.890	2.815	10.1	20.9
9 8	23 52.19	+ 9 21.5	1.843	2.816	6.6	20.7
9 18	23 43.20	+ 9 3.5	1.823	2.816	3.9	20.5
9 28	23 34.16	+ 8 34.5	1.831	2.816	4.5	20.6
10 8	23 26.03	+ 7 59.8	1.866	2.817	7.7	20.8
10 18	23 19.59	+ 7 24.9	1.927	2.817	11.0	21.0
10 28	23 15.39	+ 6 55.2	2.010	2.817	14.0	21.2

407896 2012 BW_{125} 9 18.1 168°.85 1°.4/16.3 18

8 19	0 0.67	− 3 15.5	2.349	3.247	9.7	21.3
8 29	23 55.89	− 4 20.4	2.288	3.248	6.6	21.2
9 8	23 49.87	− 5 31.8	2.253	3.249	3.3	20.9
9 18	23 43.16	− 6 44.4	2.247	3.250	1.5	20.8
9 28	23 36.48	− 7 52.6	2.270	3.250	4.4	21.0
10 8	23 30.49	− 8 51.0	2.321	3.251	7.6	21.2
10 18	23 25.79	− 9 36.0	2.398	3.251	10.6	21.4
10 28	23 22.80	−10 5.6	2.497	3.252	13.0	21.6

309631 2008 CO_{128} 9 18.1 283°.29 0°.7/17.4 18

8 19	0 2.50	− 1 17.7	1.960	2.857	11.4	21.2
8 29	23 57.38	− 2 2.8	1.895	2.853	7.9	21.0
9 8	23 50.72	− 2 57.0	1.854	2.849	4.0	20.8
9 18	23 43.19	− 3 55.3	1.840	2.845	0.7	20.5
9 28	23 35.63	− 4 51.4	1.854	2.840	4.5	20.8
10 8	23 28.92	− 5 39.5	1.896	2.836	8.3	21.0
10 18	23 23.76	− 6 15.3	1.962	2.832	11.8	21.2
10 28	23 20.67	− 6 36.0	2.050	2.828	14.7	21.4

397910 2008 UR_{366} 9 18.1 285°.75 1°.4/19.3 18

8 19	0 6.19	+ 3 13.8	1.724	2.607	13.4	21.3
8 29	0 0.37	+ 3 2.3	1.634	2.582	9.7	21.1
9 8	23 52.47	+ 2 37.1	1.567	2.556	5.5	20.8
9 18	23 43.22	+ 2 1.0	1.527	2.530	1.6	20.4
9 28	23 33.63	+ 1 19.2	1.514	2.504	4.5	20.6
10 8	23 24.86	+ 0 38.1	1.528	2.478	9.1	20.8
10 18	23 17.92	+ 0 3.8	1.566	2.452	13.4	21.0
10 28	23 13.53	− 0 18.7	1.625	2.425	17.1	21.2

312435 2008 HA_{19} 9 18.1 301°.25 2°.5/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 5.58	− 7 38.5	1.869	2.775	11.4	20.3
8 29	23 59.67	− 8 4.3	1.796	2.758	7.9	20.0
9 8	23 51.97	− 8 33.1	1.748	2.742	4.2	19.8
9 18	23 43.21	− 8 59.9	1.727	2.727	2.6	19.6
9 28	23 34.35	− 9 19.3	1.733	2.711	5.8	19.8
10 8	23 26.38	− 9 26.9	1.766	2.695	9.6	20.0
10 18	23 20.13	− 9 20.4	1.822	2.680	13.2	20.2
10 28	23 16.19	− 8 58.8	1.900	2.665	16.2	20.4

176224 2001 QJ_{123} 9 18.1 346°.77 0°.2/17.9 18

8 19	0 5.69	− 2 33.6	1.360	2.270	14.5	19.0
8 29	0 0.17	− 2 23.4	1.296	2.259	10.2	18.7
9 8	23 52.37	− 2 21.0	1.254	2.249	5.3	18.4
9 18	23 43.22	− 2 22.8	1.236	2.241	0.2	18.0
9 28	23 33.99	− 2 23.8	1.244	2.234	5.3	18.4
10 8	23 25.98	− 2 18.9	1.276	2.228	10.4	18.6
10 18	23 20.22	− 2 4.7	1.331	2.223	14.8	18.9
10 28	23 17.38	− 1 38.6	1.404	2.219	18.5	19.1

78531 2002 RM_{103} 9 18.1 64°.52 1°.7/16.6 18

8 19	0 5.47	− 4 57.6	1.812	2.715	11.9	18.9
8 29	23 59.48	− 5 29.5	1.756	2.717	8.1	18.7
9 8	23 51.81	− 6 6.6	1.723	2.719	4.1	18.4
9 18	23 43.22	− 6 43.9	1.718	2.721	1.8	18.3
9 28	23 34.69	− 7 15.6	1.741	2.723	5.2	18.5
10 8	23 27.18	− 7 37.0	1.790	2.725	9.1	18.8
10 18	23 21.44	− 7 45.1	1.864	2.727	12.6	19.0
10 28	23 17.98	− 7 38.4	1.958	2.730	15.6	19.2

255034 2005 TJ_{86} 9 18.1 288°.62 12°.7/13.8 16

8 19	0 26.67	−26 19.1	0.956	1.859	19.7	20.3
8 29	0 15.94	−26 41.5	0.900	1.844	16.1	20.1
9 8	0 0.91	−26 37.2	0.864	1.829	13.3	19.9
9 18	23 43.35	−25 51.9	0.849	1.813	13.0	19.8
9 28	23 25.95	−24 18.5	0.856	1.798	15.8	19.9
10 8	23 11.31	−22 1.8	0.885	1.783	20.0	20.1
10 18	23 1.07	−19 14.3	0.932	1.768	24.3	20.3
10 28	22 55.83	−16 8.9	0.994	1.754	28.1	20.6

103279 2000 AD_{35} 9 18.1 196°.96 4°.2/22.2 18

8 19	0 7.03	+11 31.9	2.119	2.958	13.0	20.3
8 29	0 0.52	+11 48.3	2.043	2.956	10.1	20.2
9 8	23 52.37	+11 48.6	1.991	2.954	7.0	20.0
9 18	23 43.23	+11 33.3	1.965	2.952	4.5	19.8
9 28	23 34.01	+11 5.3	1.968	2.949	4.8	19.8
10 8	23 25.62	+10 29.4	1.998	2.946	7.5	20.0
10 18	23 18.82	+ 9 51.1	2.055	2.943	10.6	20.2
10 28	23 14.17	+ 9 16.0	2.135	2.939	13.4	20.4

181438 2006 SY_{350} 9 18.1 156°.28 2°.0/16.3 18

8 19	0 4.72	− 2 42.8	1.481	2.388	13.7	20.1
8 29	23 59.24	− 4 0.9	1.427	2.390	9.4	19.9
9 8	23 51.79	− 5 29.8	1.396	2.392	4.7	19.6
9 18	23 43.23	− 7 1.1	1.392	2.394	2.2	19.5
9 28	23 34.71	− 8 24.7	1.414	2.396	6.3	19.7
10 8	23 27.39	− 9 32.2	1.462	2.397	10.8	20.0
10 18	23 22.12	−10 18.5	1.533	2.398	14.8	20.3
10 28	23 19.47	−10 41.7	1.623	2.399	18.1	20.5

289755 2005 JP_{66} 9 18.1 123°.67 3°.7/22.5 18

8 19	0 4.00	+12 18.5	2.161	3.000	12.8	21.0
8 29	23 58.28	+12 1.6	2.098	3.012	9.8	20.8
9 8	23 51.13	+11 27.1	2.058	3.023	6.7	20.7
9 18	23 43.22	+10 37.2	2.045	3.034	4.1	20.5
9 28	23 35.36	+ 9 36.5	2.060	3.045	4.3	20.6
10 8	23 28.35	+ 8 30.9	2.104	3.055	6.9	20.8
10 18	23 22.85	+ 7 26.7	2.174	3.065	9.9	21.0
10 28	23 19.31	+ 6 29.4	2.267	3.074	12.6	21.2

521837 2015 TC_{371} 9 18.1 316°.09 0°.7/18.8 17

8 19	0 2.08	+ 1 54.1	1.828	2.719	12.3	21.2
8 29	23 57.30	+ 1 29.5	1.749	2.702	8.8	21.0
9 8	23 50.79	+ 0 52.5	1.693	2.685	4.8	20.7
9 18	23 43.23	+ 0 7.0	1.664	2.668	0.8	20.4
9 28	23 35.51	− 0 41.3	1.661	2.652	4.2	20.6
10 8	23 28.60	− 1 26.3	1.686	2.636	8.4	20.8
10 18	23 23.32	− 2 2.4	1.735	2.620	12.3	21.0
10 28	23 20.27	− 2 25.6	1.805	2.605	15.6	21.2

508983 2005 CU_{15} 9 18.1 169°.68 3°.4/13.8 18

8 19	0 3.37	− 9 46.7	2.261	3.165	9.7	21.8
8 29	23 57.81	−11 10.3	2.208	3.169	6.7	21.6
9 8	23 50.89	−12 35.5	2.182	3.173	4.1	21.5
9 18	23 43.23	−13 55.8	2.186	3.175	3.8	21.5
9 28	23 35.61	−15 4.7	2.218	3.178	6.2	21.6
10 8	23 28.79	−15 57.5	2.278	3.179	9.2	21.8
10 18	23 23.39	−16 31.9	2.362	3.180	11.9	22.0
10 28	23 19.86	−16 47.2	2.466	3.181	14.2	22.2

169384 2001 VU_{19} 9 18.1 3°.34 4°.5/21.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 0.18	+ 9 14.4	0.905	1.811	20.3	19.2
8 29	23 56.91	+ 9 2.9	0.855	1.809	15.4	18.9
9 8	23 50.89	+ 8 19.8	0.823	1.808	9.8	18.6
9 18	23 43.24	+ 7 9.2	0.810	1.809	5.0	18.3
9 28	23 35.57	+ 5 41.8	0.818	1.811	6.2	18.4
10 8	23 29.54	+ 4 11.9	0.848	1.815	11.5	18.7
10 18	23 26.31	+ 2 52.9	0.897	1.821	16.8	19.1
10 28	23 26.54	+ 1 54.4	0.963	1.827	21.3	19.4

221460 2006 BN_{66} 9 18.2 98°.54 1°.5/19.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 3.28	+ 4 26.5	2.362	3.232	10.7	20.3
8 29	23 57.68	+ 4 13.6	2.301	3.241	7.7	20.1
9 8	23 50.80	+ 3 50.2	2.265	3.250	4.5	19.9
9 18	23 43.24	+ 3 18.9	2.256	3.258	1.6	19.7
9 28	23 35.73	+ 2 43.8	2.277	3.267	3.3	19.9
10 8	23 28.97	+ 2 9.0	2.326	3.275	6.5	20.1
10 18	23 23.56	+ 1 38.8	2.402	3.284	9.5	20.3
10 28	23 19.93	+ 1 16.3	2.501	3.292	12.0	20.5

169067 2001 FK_{167} 9 18.2 215°.19 13°.6/12.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 27.25	−30 12.8	1.132	2.019	18.6	19.7
8 29	0 15.60	−30 54.9	1.090	2.016	15.6	19.6
9 8	0 0.37	−31 8.4	1.068	2.012	13.8	19.5
9 18	23 43.38	−30 40.8	1.068	2.008	13.9	19.5
9 28	23 27.03	−29 26.8	1.091	2.003	16.1	19.6
10 8	23 13.45	−27 31.6	1.137	1.998	19.3	19.8
10 18	23 3.88	−25 6.1	1.201	1.993	22.5	20.0
10 28	22 58.75	−22 21.6	1.281	1.987	25.3	20.2

124122 2001 KY_{2} 9 18.2 202°.64 18°.8/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 21.39	−43 5.5	1.234	2.085	19.7	19.2
8 29	0 11.69	−45 3.2	1.218	2.082	18.9	19.2
9 8	23 58.39	−46 20.4	1.219	2.079	19.0	19.2
9 18	23 43.35	−46 44.6	1.239	2.076	20.0	19.2
9 28	23 28.99	−46 11.4	1.275	2.072	21.5	19.4
10 8	23 17.42	−44 45.8	1.327	2.067	23.4	19.5
10 18	23 9.83	−42 38.4	1.391	2.062	25.1	19.6
10 28	23 6.57	−40 0.9	1.467	2.056	26.6	19.8

233296 2006 BO_{10} 9 18.2 292°.71 0°.3/17.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 4.89	− 0 20.3	1.571	2.471	13.5	21.1
8 29	23 59.42	− 0 53.2	1.502	2.461	9.5	20.9
9 8	23 51.94	− 1 38.1	1.457	2.451	4.9	20.6
9 18	23 43.26	− 2 29.7	1.436	2.441	0.3	20.2
9 28	23 34.48	− 3 20.8	1.443	2.431	5.0	20.5
10 8	23 26.74	− 4 4.3	1.475	2.422	9.7	20.8
10 18	23 20.95	− 4 35.0	1.531	2.412	13.9	21.0
10 28	23 17.76	− 4 49.1	1.607	2.403	17.4	21.2

221391 2005 YX_{35} 9 18.2 104°.69 0°.5/17.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 2.07	− 1 17.4	2.376	3.266	9.9	20.8
8 29	23 56.81	− 1 58.3	2.322	3.277	6.8	20.6
9 8	23 50.34	− 2 46.0	2.294	3.288	3.4	20.4
9 18	23 43.25	− 3 36.5	2.293	3.298	0.5	20.2
9 28	23 36.22	− 4 24.8	2.323	3.308	3.7	20.5
10 8	23 29.95	− 5 6.5	2.380	3.318	7.0	20.7
10 18	23 24.99	− 5 38.4	2.463	3.328	9.9	20.9
10 28	23 21.74	− 5 58.1	2.570	3.338	12.3	21.1

330663 2008 GS_{73} 9 18.2 332°.42 6°.4/13.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 4.33	−12 52.6	1.207	2.135	14.5	20.5
8 29	23 59.40	−14 13.1	1.156	2.125	10.4	20.2
9 8	23 52.05	−15 33.3	1.127	2.117	7.0	20.0
9 18	23 43.27	−16 41.9	1.121	2.109	7.0	20.0
9 28	23 34.50	−17 28.1	1.139	2.101	10.4	20.2
10 8	23 27.14	−17 45.8	1.179	2.094	14.7	20.4
10 18	23 22.24	−17 33.7	1.239	2.088	18.6	20.6
10 28	23 20.44	−16 54.1	1.314	2.083	21.9	20.8

102794 1999 VZ_{158} 9 18.2 242°.09 4°.6/13.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 7.78	−14 28.1	2.140	3.042	10.3	20.2
8 29	0 1.04	−15 14.7	2.071	3.027	7.4	20.0
9 8	23 52.65	−15 58.9	2.028	3.012	5.0	19.9
9 18	23 43.29	−16 34.8	2.013	2.996	4.9	19.8
9 28	23 33.87	−16 57.0	2.027	2.980	7.2	19.9
10 8	23 25.32	−17 2.1	2.067	2.963	10.2	20.1
10 18	23 18.39	−16 49.1	2.131	2.946	13.1	20.3
10 28	23 13.63	−16 18.7	2.216	2.928	15.6	20.4

511301 2014 DO_{72} 9 18.2 67°.57 4°.1/14.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 8.53	−12 24.8	1.760	2.668	11.9	20.4
8 29	0 1.54	−12 53.5	1.718	2.678	8.3	20.2
9 8	23 52.83	−13 19.7	1.700	2.689	5.1	20.0
9 18	23 43.29	−13 37.9	1.709	2.700	4.3	20.0
9 28	23 33.97	−13 43.0	1.745	2.711	7.0	20.2
10 8	23 25.87	−13 32.6	1.807	2.722	10.4	20.4
10 18	23 19.74	−13 6.3	1.893	2.733	13.5	20.7
10 28	23 16.01	−12 25.1	1.999	2.745	16.1	20.9

313147 2001 DY_{13} 9 18.2 188°.15 3°.3/13.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 1.23	−10 25.2	2.430	3.336	9.1	20.7
8 29	23 56.28	−11 39.3	2.374	3.336	6.3	20.5
9 8	23 50.11	−12 54.6	2.345	3.335	3.9	20.3
9 18	23 43.25	−14 5.1	2.345	3.334	3.7	20.3
9 28	23 36.41	−15 5.4	2.374	3.333	5.9	20.5
10 8	23 30.26	−15 51.2	2.430	3.332	8.7	20.6
10 18	23 25.39	−16 20.1	2.511	3.330	11.2	20.8
10 28	23 22.23	−16 31.7	2.612	3.329	13.4	21.0

482073 2010 DJ_{23} 9 18.2 97°.60 5°.5/12.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 4.76	−15 14.7	1.851	2.763	11.1	21.1
8 29	23 58.94	−16 30.4	1.813	2.772	8.1	21.0
9 8	23 51.51	−17 41.8	1.800	2.781	5.8	20.9
9 18	23 43.27	−18 41.5	1.813	2.791	6.0	20.9
9 28	23 35.19	−19 23.2	1.854	2.800	8.3	21.1
10 8	23 28.18	−19 43.4	1.919	2.809	11.3	21.3
10 18	23 22.94	−19 41.7	2.007	2.817	14.0	21.5
10 28	23 19.92	−19 19.4	2.114	2.826	16.3	21.7

519653 2012 VY_{114} 9 18.2 227°.00 6°.7/10.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 6.13	−21 19.9	2.185	3.085	10.2	22.0
8 29	23 59.87	−22 33.1	2.132	3.076	8.0	21.8
9 8	23 52.02	−23 38.8	2.104	3.066	6.8	21.8
9 18	23 43.29	−24 29.9	2.104	3.056	7.3	21.8
9 28	23 34.56	−25 1.0	2.130	3.045	9.2	21.9
10 8	23 26.73	−25 9.3	2.182	3.034	11.6	22.0
10 18	23 20.52	−24 55.0	2.255	3.023	14.0	22.2
10 28	23 16.44	−24 19.9	2.347	3.011	16.0	22.3

467854 2010 VQ_{177} 9 18.2 297°.38 2°.1/14.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	23 57.20	−11 53.8	4.110	5.011	5.8	21.3
8 29	23 53.14	−12 25.0	4.047	5.006	4.1	21.2
9 8	23 48.37	−12 55.7	4.012	5.000	2.5	21.1
9 18	23 43.23	−13 23.3	4.006	4.995	2.3	21.1
9 28	23 38.09	−13 45.5	4.030	4.989	3.7	21.2
10 8	23 33.34	−14 0.3	4.082	4.984	5.5	21.3
10 18	23 29.29	−14 6.5	4.160	4.978	7.2	21.4
10 28	23 26.25	−14 3.5	4.262	4.973	8.6	21.5

454874 2015 TD_{64} 9 18.2 357°.16 4°.9/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 0.27	+15 33.4	1.974	2.807	14.0	20.3
8 29	23 55.92	+15 13.6	1.900	2.805	11.1	20.1
9 8	23 50.03	+14 31.7	1.849	2.804	8.0	19.9
9 18	23 43.26	+13 29.5	1.822	2.804	5.5	19.8
9 28	23 36.44	+12 11.6	1.822	2.803	5.2	19.8
10 8	23 30.45	+10 45.4	1.849	2.803	7.5	19.9
10 18	23 25.99	+ 9 18.7	1.902	2.804	10.6	20.1
10 28	23 23.58	+ 7 59.0	1.979	2.804	13.5	20.3

402409 2005 YR_{148} 9 18.2 133°.29 2°.2/20.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 3.62	+ 6 49.0	2.373	3.233	11.0	21.3
8 29	23 57.96	+ 6 43.5	2.305	3.237	8.2	21.1
9 8	23 50.98	+ 6 26.1	2.262	3.241	5.0	20.9
9 18	23 43.28	+ 5 58.7	2.246	3.244	2.4	20.8
9 28	23 35.56	+ 5 25.0	2.259	3.247	3.4	20.9
10 8	23 28.59	+ 4 49.4	2.300	3.251	6.5	21.1
10 18	23 22.96	+ 4 16.1	2.369	3.254	9.4	21.3
10 28	23 19.12	+ 3 49.1	2.460	3.257	12.0	21.4

120579 1995 QB_{15} 9 18.2 167°.80 0°.5/18.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 3.51	+ 3 0.3	1.898	2.782	12.3	20.5
8 29	23 58.12	+ 2 3.6	1.834	2.784	8.7	20.3
9 8	23 51.14	+ 0 53.3	1.795	2.787	4.6	20.1
9 18	23 43.28	− 0 25.1	1.784	2.788	0.5	19.8
9 28	23 35.43	− 1 44.7	1.801	2.790	4.1	20.1
10 8	23 28.49	− 2 58.1	1.845	2.791	8.1	20.3
10 18	23 23.18	− 3 59.4	1.916	2.792	11.8	20.6
10 28	23 20.01	− 4 44.7	2.008	2.793	14.8	20.8

514063 2014 OF_{401} 9 18.2 118°.99 2°.4/15.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 1.30	− 7 12.9	2.306	3.210	9.6	21.7
8 29	23 56.35	− 8 14.3	2.251	3.213	6.5	21.5
9 8	23 50.15	− 9 18.8	2.223	3.217	3.5	21.3
9 18	23 43.26	−10 21.2	2.223	3.220	2.6	21.3
9 28	23 36.42	−11 15.8	2.251	3.223	5.2	21.4
10 8	23 30.32	−11 58.3	2.307	3.226	8.2	21.6
10 18	23 25.55	−12 25.9	2.388	3.229	11.0	21.8
10 28	23 22.53	−12 37.5	2.491	3.232	13.4	22.0

212541 2006 RY_{104} 9 18.2 128°.10 1°.3/19.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 5.68	+ 3 48.1	2.192	3.064	11.4	20.5
8 29	23 59.40	+ 3 31.8	2.134	3.076	8.2	20.4
9 8	23 51.72	+ 3 4.6	2.101	3.087	4.6	20.2
9 18	23 43.30	+ 2 29.7	2.095	3.098	1.4	20.0
9 28	23 34.95	+ 1 51.3	2.118	3.108	3.5	20.1
10 8	23 27.48	+ 1 14.4	2.171	3.118	7.0	20.4
10 18	23 21.51	+ 0 43.0	2.249	3.128	10.2	20.6
10 28	23 17.49	+ 0 20.7	2.351	3.137	12.8	20.8

13348 1998 SF_{138} 9 18.2 75°.66 0°.4/17.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 2.86	− 0 58.9	2.171	3.062	10.7	17.6
8 29	23 57.43	− 1 33.7	2.121	3.076	7.4	17.4
9 8	23 50.69	− 2 15.8	2.097	3.090	3.7	17.2
9 18	23 43.29	− 3 1.1	2.100	3.104	0.4	17.0
9 28	23 35.99	− 3 44.6	2.131	3.118	3.9	17.3
10 8	23 29.54	− 4 21.6	2.191	3.132	7.3	17.5
10 18	23 24.53	− 4 48.6	2.277	3.146	10.4	17.7
10 28	23 21.37	− 5 3.6	2.384	3.160	13.0	17.9

391905 2008 UJ_{127} 9 18.2 333°.16 0°.7/18.7 18

8 19	0 3.15	+ 2 4.6	1.447	2.346	14.5	20.8
8 29	23 58.32	+ 1 35.4	1.381	2.338	10.3	20.5
9 8	23 51.43	+ 0 51.0	1.337	2.330	5.6	20.2
9 18	23 43.30	− 0 3.6	1.318	2.323	0.8	19.9
9 28	23 35.09	− 1 1.0	1.325	2.316	4.9	20.1
10 8	23 27.98	− 1 52.9	1.357	2.310	9.7	20.4
10 18	23 22.91	− 2 32.9	1.412	2.304	14.1	20.7
10 28	23 20.51	− 2 56.5	1.486	2.299	17.8	20.9

476295 2007 VW_{315} 9 18.2 303°.06 6°.1/12.1 18

8 19	0 4.70	−16 34.8	1.765	2.678	11.5	20.8
8 29	23 59.09	−17 44.6	1.713	2.671	8.5	20.6
9 8	23 51.70	−18 49.9	1.685	2.664	6.4	20.5
9 18	23 43.31	−19 42.8	1.683	2.658	6.6	20.5
9 28	23 34.94	−20 16.4	1.708	2.651	9.1	20.6
10 8	23 27.62	−20 27.0	1.756	2.645	12.2	20.8
10 18	23 22.15	−20 14.1	1.826	2.638	15.1	21.0
10 28	23 19.06	−19 39.4	1.915	2.632	17.6	21.1

453690 2010 VB_{205} 9 18.2 183°.20 6°.9/29.6 18

8 19	0 1.72	+28 18.8	2.870	3.589	12.7	21.4
8 29	23 56.62	+28 7.6	2.783	3.590	11.0	21.3
9 8	23 50.30	+27 34.2	2.717	3.589	9.2	21.2
9 18	23 43.29	+26 38.4	2.674	3.589	7.7	21.1
9 28	23 36.25	+25 22.4	2.658	3.588	6.9	21.0
10 8	23 29.86	+23 50.8	2.669	3.587	7.3	21.0
10 18	23 24.69	+22 9.7	2.708	3.585	8.7	21.1
10 28	23 21.17	+20 26.2	2.773	3.583	10.5	21.3

163127 2002 BB_{30} 9 18.2 92°.29 8°.0/10.3 18

8 19	0 9.16	−23 30.8	1.856	2.756	11.8	19.7
8 29	0 1.85	−24 49.1	1.841	2.781	9.4	19.6
9 8	23 52.93	−25 53.9	1.851	2.806	8.1	19.5
9 18	23 43.33	−26 38.0	1.886	2.830	8.5	19.6
9 28	23 34.11	−26 57.0	1.948	2.854	10.4	19.8
10 8	23 26.24	−26 50.2	2.033	2.878	12.6	20.0
10 18	23 20.36	−26 19.7	2.139	2.901	14.8	20.2
10 28	23 16.87	−25 29.3	2.263	2.923	16.6	20.4

133602 2003 UH_{92} 9 18.2 28°.79 4°.8/21.8 18

8 19	0 4.39	+10 12.3	1.088	1.975	19.1	18.8
8 29	23 59.49	+10 11.2	1.041	1.983	14.5	18.6
9 8	23 52.09	+ 9 42.4	1.012	1.992	9.5	18.4
9 18	23 43.32	+ 8 49.0	1.006	2.002	5.4	18.2
9 28	23 34.65	+ 7 39.4	1.022	2.012	6.1	18.2
10 8	23 27.57	+ 6 25.1	1.062	2.024	10.5	18.5
10 18	23 23.11	+ 5 16.9	1.123	2.036	15.1	18.8
10 28	23 21.83	+ 4 23.5	1.203	2.049	19.1	19.1

427417 2000 DE_{118} 9 18.2 160°.06 0°.5/18.6 16

8 19	0 7.06	+ 1 49.8	1.840	2.723	12.7	22.2
8 29	0 0.60	+ 1 16.3	1.779	2.729	8.9	22.0
9 8	23 52.44	+ 0 30.9	1.743	2.734	4.8	21.8
9 18	23 43.33	− 0 21.6	1.734	2.739	0.6	21.5
9 28	23 34.27	− 1 15.2	1.754	2.743	4.2	21.8
10 8	23 26.23	− 2 3.7	1.801	2.746	8.3	22.0
10 18	23 19.98	− 2 42.0	1.873	2.749	12.0	22.3
10 28	23 16.04	− 3 6.8	1.968	2.751	15.1	22.5

71467 2000 BE_{13} 9 18.2 158°.66 0°.4/18.6 18

8 19	0 7.27	+ 1 29.2	1.774	2.660	12.9	19.1
8 29	0 0.80	+ 0 58.6	1.714	2.665	9.1	18.9
9 8	23 52.56	+ 0 16.2	1.678	2.670	4.8	18.7
9 18	23 43.33	− 0 33.3	1.670	2.674	0.5	18.3
9 28	23 34.16	− 1 23.7	1.689	2.678	4.3	18.7
10 8	23 26.04	− 2 8.8	1.736	2.681	8.6	18.9
10 18	23 19.77	− 2 43.5	1.807	2.684	12.3	19.2
10 28	23 15.89	− 3 4.7	1.900	2.686	15.5	19.4

82485 2001 OO_{36} 9 18.2 281°.18 0°.1/18.2 18

8 19	0 2.40	+ 1 12.9	1.899	2.790	12.0	19.5
8 29	23 57.40	+ 0 26.3	1.832	2.786	8.4	19.3
9 8	23 50.81	− 0 32.0	1.789	2.782	4.4	19.1
9 18	23 43.31	− 1 37.2	1.772	2.777	0.1	18.7
9 28	23 35.77	− 2 42.7	1.784	2.773	4.2	19.0
10 8	23 29.10	− 3 41.8	1.823	2.769	8.3	19.3
10 18	23 24.01	− 4 29.3	1.887	2.764	11.9	19.5
10 28	23 21.03	− 5 1.7	1.973	2.760	14.9	19.7

101284 1998 SH_{119} 9 18.2 343°.19 0°.9/17.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 1.13	− 2 14.1	1.651	2.559	12.5	19.1
8 29	23 56.72	− 2 46.5	1.585	2.548	8.7	18.8
9 8	23 50.54	− 3 28.3	1.541	2.537	4.4	18.5
9 18	23 43.31	− 4 14.1	1.523	2.528	0.9	18.3
9 28	23 36.01	− 4 57.4	1.532	2.519	5.0	18.6
10 8	23 29.65	− 5 31.9	1.566	2.511	9.4	18.8
10 18	23 25.05	− 5 53.2	1.623	2.504	13.2	19.0
10 28	23 22.78	− 5 58.5	1.701	2.499	16.5	19.2

57041 2001 EN_{12} 9 18.2 264°.68 2°.1/13.8 18 R

8 19	23 56.39	−12 21.2	4.496	5.397	5.4	19.4
8 29	23 52.55	−12 54.5	4.434	5.392	3.7	19.2
9 8	23 48.09	−13 27.2	4.400	5.387	2.4	19.1
9 18	23 43.28	−13 56.9	4.394	5.381	2.2	19.1
9 28	23 38.47	−14 21.4	4.419	5.376	3.5	19.2
10 8	23 34.00	−14 38.9	4.472	5.370	5.1	19.3
10 18	23 30.18	−14 48.2	4.552	5.365	6.7	19.4
10 28	23 27.26	−14 48.7	4.655	5.359	8.0	19.5

204605 2005 JG_{14} 9 18.2 111°.30 0°.7/18.9 18

8 19	0 4.12	+ 2 39.8	2.007	2.888	11.8	20.6
8 29	23 58.42	+ 2 3.1	1.951	2.900	8.4	20.4
9 8	23 51.26	+ 1 15.1	1.921	2.911	4.5	20.2
9 18	23 43.33	+ 0 20.1	1.918	2.922	0.8	20.0
9 28	23 35.48	− 0 36.3	1.943	2.933	3.8	20.2
10 8	23 28.56	− 1 28.1	1.996	2.943	7.5	20.5
10 18	23 23.21	− 2 10.7	2.075	2.953	10.9	20.7
10 28	23 19.88	− 2 40.7	2.177	2.963	13.7	20.9

12030 1997 BF_{3} 9 18.2 327°.94 4°.1/14.9 18

8 19	0 0.40	− 6 4.2	1.055	1.988	15.6	17.3
8 29	23 57.02	− 7 24.1	0.991	1.966	10.8	16.9
9 8	23 51.02	− 8 56.8	0.947	1.945	5.9	16.6
9 18	23 43.33	−10 30.6	0.926	1.925	4.5	16.4
9 28	23 35.37	−11 51.8	0.927	1.906	9.1	16.6
10 8	23 28.73	−12 48.7	0.949	1.889	14.6	16.9
10 18	23 24.64	−13 15.1	0.990	1.873	19.5	17.1
10 28	23 23.89	−13 9.3	1.047	1.858	23.7	17.4

490857 2011 AR_{14} 9 18.2 282°.31 7°.7/ 7.5 17

8 19	0 2.77	−25 13.5	2.284	3.182	9.9	21.8
8 29	23 57.60	−26 44.7	2.231	3.165	8.3	21.6
9 8	23 50.91	−28 6.5	2.204	3.148	7.7	21.6
9 18	23 43.33	−29 11.6	2.203	3.130	8.5	21.6
9 28	23 35.69	−29 54.4	2.228	3.113	10.2	21.7
10 8	23 28.84	−30 12.0	2.275	3.095	12.4	21.8
10 18	23 23.48	−30 4.6	2.344	3.078	14.4	21.9
10 28	23 20.14	−29 34.1	2.429	3.060	16.2	22.0

356233 2009 SG_{299} 9 18.2 307°.60 1°.4/20.9 18

8 19	23 57.37	+ 6 37.5	4.149	5.001	6.9	20.4
8 29	23 53.27	+ 6 29.8	4.071	4.998	5.1	20.3
9 8	23 48.48	+ 6 15.1	4.019	4.995	3.2	20.1
9 18	23 43.29	+ 5 54.9	3.995	4.993	1.6	20.0
9 28	23 38.08	+ 5 31.0	4.002	4.990	2.1	20.0
10 8	23 33.24	+ 5 5.7	4.038	4.987	4.0	20.2
10 18	23 29.08	+ 4 41.4	4.103	4.984	5.9	20.3
10 28	23 25.90	+ 4 20.3	4.193	4.982	7.6	20.4

118221 1996 HQ_{21} 9 18.2 109°.04 5°.4/13.7 17

8 19	0 10.46	−14 59.6	1.720	2.626	12.2	19.2
8 29	0 2.87	−15 50.8	1.686	2.644	8.7	19.0
9 8	23 53.53	−16 36.9	1.677	2.660	5.9	18.9
9 18	23 43.37	−17 10.9	1.694	2.677	5.7	18.9
9 28	23 33.52	−17 27.4	1.739	2.693	8.2	19.1
10 8	23 25.02	−17 23.9	1.810	2.708	11.3	19.4
10 18	23 18.60	−17 0.9	1.903	2.723	14.3	19.6
10 28	23 14.70	−16 20.4	2.015	2.738	16.7	19.8

89852 2002 CY_{82} 9 18.2 231°.45 0°.9/16.4 18

8 19	23 56.32	− 5 25.4	4.469	5.361	5.6	20.2
8 29	23 52.50	− 5 53.0	4.401	5.358	3.8	20.1
9 8	23 48.06	− 6 22.6	4.361	5.355	1.9	20.0
9 18	23 43.28	− 6 52.2	4.350	5.352	0.9	19.9
9 28	23 38.51	− 7 19.5	4.370	5.349	2.5	20.0
10 8	23 34.06	− 7 42.6	4.420	5.346	4.4	20.2
10 18	23 30.25	− 7 59.9	4.496	5.343	6.1	20.3
10 28	23 27.33	− 8 10.0	4.598	5.340	7.6	20.4

185029 2006 QG_{78} 9 18.2 355°.85 1°.9/16.8 18

8 19	0 0.58	− 2 20.1	0.976	1.906	16.8	19.5
8 29	23 57.06	− 3 15.3	0.927	1.900	11.7	19.2
9 8	23 50.96	− 4 25.5	0.897	1.896	5.9	18.9
9 18	23 43.33	− 5 40.9	0.889	1.893	2.0	18.7
9 28	23 35.71	− 6 49.1	0.904	1.892	7.3	19.0
10 8	23 29.62	− 7 39.3	0.939	1.892	13.0	19.3
10 18	23 26.17	− 8 5.4	0.994	1.893	18.0	19.6
10 28	23 25.98	− 8 4.9	1.065	1.896	22.1	19.9

353200 2009 SA_{246} 9 18.2 262°.10 1°.9/14.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	23 57.39	−11 3.7	4.330	5.229	5.6	20.5
8 29	23 53.25	−11 30.1	4.266	5.224	3.9	20.4
9 8	23 48.45	−11 56.3	4.231	5.220	2.3	20.3
9 18	23 43.29	−12 19.9	4.225	5.216	2.0	20.3
9 28	23 38.14	−12 38.8	4.249	5.212	3.4	20.4
10 8	23 33.35	−12 51.2	4.302	5.208	5.1	20.5
10 18	23 29.25	−12 55.9	4.381	5.204	6.7	20.6
10 28	23 26.09	−12 52.3	4.484	5.200	8.2	20.7

298671 2004 CA_{91} 9 18.2 346°.04 1°.0/19.2 18

8 19	0 1.90	+ 3 44.2	1.654	2.544	13.5	20.3
8 29	23 57.23	+ 3 4.8	1.589	2.540	9.6	20.1
9 8	23 50.79	+ 2 9.8	1.547	2.537	5.3	19.8
9 18	23 43.33	+ 1 4.3	1.530	2.534	1.2	19.5
9 28	23 35.84	− 0 4.7	1.541	2.532	4.3	19.7
10 8	23 29.32	− 1 9.4	1.578	2.530	8.7	20.0
10 18	23 24.58	− 2 3.3	1.639	2.528	12.7	20.2
10 28	23 22.18	− 2 41.6	1.721	2.527	16.0	20.5

107940 2001 FE_{114} 9 18.2 47°.91 1°.9/16.9 17

8 19	0 8.28	− 4 1.6	1.111	2.029	16.4	18.7
8 29	0 1.84	− 4 38.1	1.083	2.051	11.2	18.5
9 8	23 53.13	− 5 22.6	1.077	2.074	5.6	18.3
9 18	23 43.37	− 6 6.9	1.094	2.097	2.0	18.1
9 28	23 34.08	− 6 42.5	1.135	2.121	6.6	18.5
10 8	23 26.58	− 7 3.0	1.200	2.146	11.6	18.9
10 18	23 21.73	− 7 5.7	1.287	2.170	15.8	19.2
10 28	23 19.92	− 6 50.1	1.391	2.195	19.2	19.5

508768 1995 UB_{73} 9 18.2 333°.75 1°.2/17.3 18

8 19	0 1.89	− 1 37.6	1.096	2.018	16.1	21.2
8 29	23 57.95	− 2 21.3	1.033	2.003	11.3	20.9
9 8	23 51.46	− 3 20.3	0.991	1.988	5.8	20.5
9 18	23 43.35	− 4 26.9	0.970	1.975	1.3	20.2
9 28	23 35.06	− 5 30.2	0.973	1.962	6.7	20.5
10 8	23 28.10	− 6 20.1	0.999	1.951	12.4	20.8
10 18	23 23.66	− 6 49.2	1.044	1.941	17.5	21.1
10 28	23 22.47	− 6 54.3	1.106	1.932	21.8	21.3

144014 2004 BM_{4} 9 18.2 163°.74 1°.4/16.8 17

8 19	0 7.14	− 3 10.1	1.763	2.661	12.4	20.7
8 29	0 0.72	− 4 0.0	1.706	2.665	8.5	20.5
9 8	23 52.53	− 4 57.8	1.674	2.669	4.3	20.2
9 18	23 43.38	− 5 57.3	1.670	2.673	1.5	20.0
9 28	23 34.29	− 6 51.6	1.693	2.676	5.3	20.3
10 8	23 26.27	− 7 34.6	1.744	2.679	9.4	20.6
10 18	23 20.11	− 8 2.5	1.819	2.680	13.0	20.8
10 28	23 16.33	− 8 13.4	1.914	2.682	16.0	21.0

94372 2001 SH_{11} 9 18.2 110°.65 2°.7/20.1 17

8 19	0 9.02	+ 6 2.8	1.308	2.193	16.7	20.1
8 29	0 2.47	+ 5 51.6	1.254	2.200	12.2	19.8
9 8	23 53.59	+ 5 20.6	1.222	2.207	7.3	19.6
9 18	23 43.40	+ 4 33.8	1.213	2.215	2.9	19.3
9 28	23 33.29	+ 3 38.4	1.230	2.221	5.1	19.5
10 8	23 24.64	+ 2 43.5	1.273	2.228	10.0	19.8
10 18	23 18.43	+ 1 56.7	1.338	2.235	14.4	20.1
10 28	23 15.27	+ 1 23.9	1.424	2.241	18.2	20.4

190210 2006 AS_{66} 9 18.2 111°.64 2°.5/14.9 18

8 19	0 1.52	− 7 59.9	2.495	3.398	9.0	20.5
8 29	23 56.41	− 9 3.3	2.449	3.410	6.1	20.4
9 8	23 50.18	−10 8.7	2.429	3.422	3.4	20.2
9 18	23 43.35	−11 10.9	2.438	3.434	2.7	20.2
9 28	23 36.61	−12 5.0	2.477	3.446	5.0	20.4
10 8	23 30.59	−12 47.0	2.543	3.457	7.8	20.6
10 18	23 25.82	−13 14.6	2.634	3.468	10.4	20.8
10 28	23 22.68	−13 27.0	2.748	3.479	12.5	20.9

353072 2009 DZ_{86} 9 18.2 270°.03 1°.1/19.2 18

8 19	0 5.53	+ 2 31.1	1.878	2.761	12.5	21.1
8 29	23 59.64	+ 2 20.2	1.807	2.755	8.9	20.9
9 8	23 52.02	+ 1 57.7	1.760	2.749	5.0	20.6
9 18	23 43.39	+ 1 26.8	1.739	2.743	1.2	20.4
9 28	23 34.69	+ 0 52.5	1.747	2.737	4.0	20.6
10 8	23 26.89	+ 0 20.0	1.781	2.731	8.1	20.8
10 18	23 20.78	− 0 5.8	1.841	2.725	11.8	21.0
10 28	23 16.93	− 0 21.2	1.923	2.719	15.0	21.2

232919 2005 AQ_{10} 9 18.2 137°.06 6°.8/10.6 18

8 19	0 6.28	−20 38.4	2.021	2.925	10.8	20.1
8 29	23 59.95	−21 57.5	1.986	2.933	8.3	20.0
9 8	23 52.06	−23 7.8	1.977	2.942	6.9	19.9
9 18	23 43.39	−24 2.3	1.994	2.949	7.4	20.0
9 28	23 34.87	−24 35.5	2.038	2.957	9.3	20.1
10 8	23 27.41	−24 45.0	2.107	2.964	11.8	20.3
10 18	23 21.69	−24 31.6	2.197	2.971	14.1	20.5
10 28	23 18.16	−23 57.5	2.305	2.977	16.1	20.7

251767 1999 JK_{75} 9 18.2 43°.54 5°.6/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 4.52	+13 3.2	1.107	1.982	19.8	19.1
8 29	23 59.50	+12 51.3	1.064	1.997	15.2	18.9
9 8	23 52.09	+12 8.1	1.040	2.013	10.4	18.7
9 18	23 43.39	+10 57.4	1.037	2.029	6.3	18.5
9 28	23 34.90	+ 9 28.3	1.057	2.046	6.4	18.6
10 8	23 28.01	+ 7 53.7	1.101	2.063	10.3	18.8
10 18	23 23.71	+ 6 25.6	1.167	2.081	14.6	19.1
10 28	23 22.51	+ 5 13.4	1.253	2.099	18.5	19.4

67055 1999 XC_{211} 9 18.2 297°.92 4°.0/14.9 18

8 19	0 7.47	−11 6.3	1.668	2.578	12.3	17.7
8 29	0 1.19	−11 40.1	1.601	2.564	8.6	17.5
9 8	23 52.90	−12 14.0	1.558	2.550	5.2	17.2
9 18	23 43.41	−12 41.4	1.542	2.536	4.3	17.1
9 28	23 33.85	−12 56.3	1.552	2.522	7.3	17.3
10 8	23 25.36	−12 54.5	1.588	2.508	11.2	17.5
10 18	23 18.85	−12 34.4	1.647	2.495	14.8	17.7
10 28	23 14.94	−11 56.5	1.724	2.482	17.9	17.9

371544 2006 UT_{302} 9 18.2 9°.57 1°.6/17.2 15

8 19	0 5.43	− 3 29.9	1.036	1.960	16.7	20.1
8 29	0 0.30	− 3 53.7	0.991	1.961	11.6	19.9
9 8	23 52.58	− 4 27.9	0.966	1.963	5.9	19.6
9 18	23 43.41	− 5 4.9	0.962	1.966	1.6	19.3
9 28	23 34.36	− 5 35.8	0.982	1.971	6.8	19.6
10 8	23 26.96	− 5 53.2	1.025	1.976	12.3	20.0
10 18	23 22.28	− 5 52.8	1.087	1.983	17.1	20.3
10 28	23 20.90	− 5 33.0	1.167	1.990	21.0	20.6

482427 2012 CZ_{16} 9 18.2 259°.73 2°.7/14.8 18

8 19	0 1.15	− 7 10.6	2.229	3.134	9.8	21.5
8 29	23 56.39	− 8 23.4	2.163	3.126	6.7	21.3
9 8	23 50.27	− 9 40.7	2.124	3.118	3.7	21.1
9 18	23 43.37	−10 56.4	2.113	3.109	2.9	21.0
9 28	23 36.42	−12 4.1	2.130	3.100	5.6	21.1
10 8	23 30.19	−12 58.4	2.175	3.092	8.8	21.3
10 18	23 25.31	−13 36.2	2.244	3.083	11.7	21.5
10 28	23 22.26	−13 55.8	2.335	3.074	14.2	21.7

368117 2013 GY_{100} 9 18.2 357°.77 5°.0/13.4 18

8 19	0 4.41	−14 47.8	1.872	2.784	11.0	19.4
8 29	23 58.78	−15 34.3	1.822	2.783	7.9	19.2
9 8	23 51.52	−16 17.2	1.797	2.782	5.5	19.0
9 18	23 43.39	−16 50.2	1.798	2.781	5.3	19.0
9 28	23 35.35	−17 8.0	1.826	2.781	7.7	19.2
10 8	23 28.31	−17 7.5	1.879	2.781	10.8	19.4
10 18	23 23.01	−16 48.0	1.955	2.781	13.7	19.6
10 28	23 19.92	−16 10.7	2.050	2.782	16.2	19.8

401870 2000 WZ_{10} 9 18.2 266°.26 5°.6/11.2 18

8 19	0 2.71	−17 38.3	2.202	3.111	9.8	20.7
8 29	23 57.51	−18 54.6	2.148	3.102	7.3	20.6
9 8	23 50.86	−20 6.5	2.119	3.093	5.8	20.4
9 18	23 43.38	−21 7.5	2.118	3.084	6.2	20.5
9 28	23 35.90	−21 51.6	2.143	3.075	8.2	20.6
10 8	23 29.21	−22 15.3	2.194	3.066	10.8	20.7
10 18	23 24.00	−22 17.7	2.267	3.057	13.3	20.9
10 28	23 20.74	−21 59.7	2.360	3.048	15.4	21.0

424506 2008 DQ_{80} 9 18.2 259°.68 1°.0/16.5 16

8 19	23 58.70	− 4 26.2	3.415	4.308	7.1	22.1
8 29	23 54.35	− 5 7.2	3.335	4.292	4.9	21.9
9 8	23 49.11	− 5 52.1	3.282	4.277	2.5	21.7
9 18	23 43.35	− 6 37.9	3.259	4.261	1.1	21.6
9 28	23 37.55	− 7 21.1	3.266	4.245	3.2	21.7
10 8	23 32.16	− 7 58.6	3.302	4.229	5.7	21.9
10 18	23 27.62	− 8 28.0	3.365	4.213	8.0	22.0
10 28	23 24.28	− 8 47.4	3.451	4.197	9.9	22.1

98672 2000 WL_{167} 9 18.2 88°.80 2°.9/15.8 18

8 19	0 7.80	− 5 13.1	1.366	2.277	14.4	18.8
8 29	0 1.33	− 6 28.4	1.332	2.297	9.8	18.6
9 8	23 52.85	− 7 49.7	1.321	2.317	5.0	18.4
9 18	23 43.42	− 9 7.8	1.336	2.337	3.1	18.3
9 28	23 34.30	−10 13.4	1.378	2.356	6.9	18.6
10 8	23 26.66	−10 59.7	1.444	2.375	11.3	18.9
10 18	23 21.32	−11 24.0	1.533	2.394	15.1	19.2
10 28	23 18.71	−11 26.2	1.641	2.412	18.1	19.4

216073 2006 QD_{33} 9 18.2 6°.17 11°.6/ 2.2 16

8 19	23 49.29	+29 42.7	0.894	1.723	27.1	18.4
8 29	23 49.42	+29 2.5	0.839	1.722	23.5	18.1
9 8	23 47.10	+27 18.3	0.796	1.724	19.3	17.9
9 18	23 43.32	+24 28.4	0.769	1.728	15.0	17.6
9 28	23 39.54	+20 43.1	0.762	1.735	11.9	17.5
10 8	23 37.25	+16 26.5	0.776	1.744	12.3	17.6
10 18	23 37.45	+12 8.8	0.812	1.755	15.6	17.8
10 28	23 40.70	+ 8 17.3	0.870	1.768	19.7	18.1

513724 2012 TB_{92} 9 18.2 297°.96 2°.7/15.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 4.34	− 5 48.6	1.557	2.469	12.9	21.1
8 29	23 59.13	− 6 43.1	1.487	2.453	8.9	20.8
9 8	23 51.90	− 7 45.1	1.441	2.437	4.7	20.5
9 18	23 43.41	− 8 47.4	1.421	2.421	2.9	20.4
9 28	23 34.79	− 9 41.7	1.427	2.406	6.6	20.6
10 8	23 27.17	−10 21.0	1.458	2.390	11.0	20.8
10 18	23 21.52	−10 41.1	1.511	2.375	15.0	21.0
10 28	23 18.48	−10 40.3	1.584	2.361	18.4	21.2

52534 1996 TB_{15} 9 18.2 236°.03 3°.9/19.5 18

8 19	0 22.69	+ 2 29.6	1.111	1.996	19.0	17.7
8 29	0 12.78	+ 3 51.2	1.046	1.991	14.1	17.4
9 8	23 59.32	+ 5 2.0	1.001	1.987	8.5	17.1
9 18	23 43.56	+ 5 59.9	0.982	1.982	4.0	16.8
9 28	23 27.54	+ 6 44.6	0.989	1.977	6.8	17.0
10 8	23 13.38	+ 7 19.2	1.021	1.971	12.5	17.3
10 18	23 2.68	+ 7 48.5	1.076	1.966	17.7	17.6
10 28	22 56.28	+ 8 18.5	1.149	1.960	22.0	17.8

519600 2012 TR_{329} 9 18.2 306°.26 8°.6/25.8 18

8 19	0 5.03	+20 38.5	1.659	2.468	17.3	20.9
8 29	23 59.73	+21 16.5	1.578	2.456	14.6	20.7
9 8	23 52.28	+21 27.8	1.517	2.445	11.7	20.5
9 18	23 43.43	+21 10.0	1.478	2.435	9.3	20.3
9 28	23 34.31	+20 24.6	1.463	2.424	8.7	20.2
10 8	23 26.14	+19 17.9	1.473	2.414	10.2	20.3
10 18	23 19.95	+17 59.0	1.506	2.404	13.1	20.5
10 28	23 16.49	+16 38.1	1.561	2.394	16.1	20.6

263823 2008 SD_{78} 9 18.2 271°.37 0°.5/19.2 18

8 19	23 55.78	+ 2 22.1	4.508	5.378	6.0	21.1
8 29	23 52.16	+ 1 59.3	4.431	5.374	4.3	21.0
9 8	23 47.93	+ 1 31.5	4.381	5.369	2.3	20.8
9 18	23 43.35	+ 1 0.4	4.361	5.365	0.5	20.7
9 28	23 38.76	+ 0 28.0	4.371	5.360	1.9	20.8
10 8	23 34.49	− 0 3.4	4.410	5.356	3.8	20.9
10 18	23 30.83	− 0 31.8	4.478	5.351	5.6	21.1
10 28	23 28.04	− 0 55.3	4.572	5.347	7.2	21.2

162360 2000 AH_3 9 18.2 273°.33 6°.4/24.2 18

8 19	0 5.50	+16 53.0	1.908	2.728	14.9	19.6
8 29	23 59.83	+17 14.6	1.820	2.712	12.2	19.4
9 8	23 52.25	+17 14.4	1.753	2.697	9.3	19.2
9 18	23 43.43	+16 51.5	1.710	2.682	6.9	19.0
9 28	23 34.35	+16 8.3	1.694	2.666	6.6	19.0
10 8	23 26.06	+15 10.4	1.704	2.650	8.7	19.1
10 18	23 19.49	+14 5.0	1.740	2.634	11.8	19.2
10 28	23 15.31	+13 0.5	1.798	2.618	14.8	19.4

99032 2001 DJ_{100} 9 18.2 159°.69 0°.2/18.5 18

8 19	0 2.22	+ 1 2.0	2.472	3.354	9.9	20.5
8 29	23 56.98	+ 0 28.5	2.407	3.357	6.9	20.4
9 8	23 50.52	− 0 13.4	2.368	3.360	3.6	20.1
9 18	23 43.40	− 1 0.2	2.357	3.362	0.3	19.9
9 28	23 36.29	− 1 47.4	2.376	3.364	3.3	20.1
10 8	23 29.87	− 2 30.5	2.423	3.367	6.6	20.4
10 18	23 24.70	− 3 5.8	2.497	3.369	9.5	20.6
10 28	23 21.21	− 3 30.5	2.594	3.370	12.0	20.7

365073 2009 AM_{41} 9 18.2 18°.71 1°.2/17.3 17

8 19	0 4.88	− 1 8.0	1.069	1.987	16.8	20.5
8 29	23 59.89	− 2 1.7	1.022	1.989	11.6	20.3
9 8	23 52.37	− 3 10.3	0.995	1.992	5.9	20.0
9 18	23 43.43	− 4 24.9	0.991	1.996	1.3	19.7
9 28	23 34.59	− 5 34.1	1.011	2.000	6.6	20.0
10 8	23 27.33	− 6 27.8	1.054	2.004	12.2	20.4
10 18	23 22.71	− 6 59.8	1.118	2.010	17.0	20.7
10 28	23 21.30	− 7 7.9	1.198	2.015	20.9	20.9

324772 2007 GD_{45} 9 18.2 148°.47 0°.8/19.2 18

8 19	0 1.17	+ 3 28.7	2.539	3.414	9.9	21.5
8 29	23 56.23	+ 2 48.8	2.474	3.418	7.1	21.4
9 8	23 50.13	+ 1 58.9	2.434	3.422	3.9	21.2
9 18	23 43.39	+ 1 2.5	2.422	3.426	0.9	20.9
9 28	23 36.67	+ 0 4.1	2.440	3.430	3.1	21.1
10 8	23 30.61	− 0 51.4	2.487	3.434	6.3	21.3
10 18	23 25.75	− 1 39.8	2.561	3.437	9.2	21.5
10 28	23 22.50	− 2 17.8	2.659	3.441	11.6	21.7

523579 2018 EN_9 9 18.2 220°.67 0°.5/18.7 18

8 19	0 6.11	+ 1 13.7	2.404	3.279	10.4	22.2
8 29	23 59.79	+ 0 52.8	2.323	3.269	7.4	22.0
9 8	23 52.04	+ 0 23.2	2.268	3.258	3.9	21.8
9 18	23 43.43	− 0 12.2	2.241	3.246	0.5	21.5
9 28	23 34.73	− 0 49.2	2.245	3.234	3.5	21.7
10 8	23 26.72	− 1 23.4	2.278	3.220	7.0	21.9
10 18	23 20.07	− 1 51.0	2.337	3.207	10.2	22.1
10 28	23 15.27	− 2 8.9	2.420	3.192	12.9	22.3

10083 1990 QE_2 9 18.2 53°.52 1°.7/19.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 9.80	+ 2 52.2	1.108	2.009	17.7	16.8
8 29	0 3.10	+ 2 51.3	1.069	2.026	12.7	16.5
9 8	23 53.91	+ 2 33.1	1.051	2.042	7.0	16.3
9 18	23 43.47	+ 2 2.4	1.056	2.060	1.9	16.0
9 28	23 33.35	+ 1 26.8	1.086	2.077	5.4	16.3
10 8	23 25.01	+ 0 54.6	1.139	2.095	10.7	16.7
10 18	23 19.43	+ 0 32.2	1.214	2.114	15.3	17.0
10 28	23 17.10	+ 0 23.8	1.308	2.132	19.1	17.3

293964 2007 TV_{44} 9 18.2 357°.16 0°.3/18.5 18

8 19	0 2.10	+ 2 13.3	1.633	2.528	13.3	20.5
8 29	23 57.39	+ 1 20.8	1.572	2.527	9.4	20.2
9 8	23 50.90	+ 0 13.7	1.533	2.526	5.0	20.0
9 18	23 43.41	− 1 2.1	1.521	2.526	0.3	19.6
9 28	23 35.92	− 2 18.5	1.536	2.526	4.5	19.9
10 8	23 29.42	− 3 27.6	1.577	2.526	9.0	20.2
10 18	23 24.73	− 4 23.0	1.642	2.526	12.9	20.4
10 28	23 22.38	− 5 0.7	1.728	2.527	16.2	20.7

155899 2001 FW_{135} 9 18.2 254°.45 0°.0/18.2 18

8 19	0 1.21	+ 1 11.4	2.422	3.306	10.0	20.7
8 29	23 56.39	+ 0 23.3	2.343	3.294	7.0	20.5
9 8	23 50.28	− 0 34.6	2.289	3.281	3.7	20.2
9 18	23 43.40	− 1 38.5	2.263	3.268	0.1	19.9
9 28	23 36.45	− 2 43.1	2.267	3.255	3.5	20.2
10 8	23 30.12	− 3 43.1	2.299	3.241	7.0	20.4
10 18	23 25.01	− 4 33.8	2.358	3.228	10.1	20.6
10 28	23 21.61	− 5 12.0	2.439	3.214	12.8	20.7

448693 2010 XO_2 9 18.2 4°.26 2°.5/20.8 18

8 19	0 1.10	+ 7 25.1	1.740	2.617	13.6	20.5
8 29	23 56.63	+ 7 3.2	1.676	2.616	10.1	20.3
9 8	23 50.49	+ 6 24.0	1.635	2.617	6.2	20.0
9 18	23 43.41	+ 5 30.9	1.618	2.618	2.8	19.8
9 28	23 36.31	+ 4 29.9	1.629	2.620	4.1	19.9
10 8	23 30.15	+ 3 28.0	1.666	2.622	7.9	20.2
10 18	23 25.66	+ 2 31.9	1.727	2.625	11.6	20.4
10 28	23 23.39	+ 1 47.3	1.811	2.629	14.9	20.6

22 Kalliope 9 18.2 296°.34 7°.3/10.6 18 A

8 19	0 5.67	−21 30.3	1.931	2.836	11.1	10.8
8 29	23 59.73	−22 35.1	1.879	2.826	8.7	10.6
9 8	23 52.06	−23 31.2	1.852	2.817	7.3	10.5
9 18	23 43.44	−24 11.3	1.851	2.807	7.8	10.5
9 28	23 34.85	−24 29.6	1.876	2.797	9.9	10.6
10 8	23 27.28	−24 23.6	1.925	2.788	12.5	10.8
10 18	23 21.50	−23 53.9	1.995	2.779	15.0	10.9
10 28	23 18.02	−23 3.0	2.083	2.770	17.2	11.1

398170 2010 GO_{133} 9 18.2 228°.37 6°.0/12.1 18

8 19	0 7.44	−18 4.3	2.030	2.934	10.7	22.0
8 29	0 0.88	−19 4.7	1.974	2.926	8.0	21.8
9 8	23 52.64	−19 59.7	1.943	2.917	6.2	21.6
9 18	23 43.46	−20 42.2	1.939	2.908	6.4	21.6
9 28	23 34.28	−21 6.6	1.962	2.898	8.6	21.8
10 8	23 26.07	−21 9.9	2.010	2.888	11.4	21.9
10 18	23 19.60	−20 51.9	2.081	2.878	14.1	22.1
10 28	23 15.37	−20 14.2	2.172	2.867	16.4	22.3

380747 2005 SV_{123} 9 18.2 327°.01 1°.4/17.2 18

8 19	0 4.27	− 3 6.6	1.216	2.134	15.3	20.6
8 29	23 59.51	− 3 36.0	1.150	2.117	10.7	20.3
9 8	23 52.26	− 4 16.6	1.104	2.101	5.5	20.0
9 18	23 43.45	− 5 1.7	1.082	2.086	1.5	19.7
9 28	23 34.44	− 5 42.6	1.084	2.072	6.5	19.9
10 8	23 26.68	− 6 11.2	1.109	2.058	11.9	20.2
10 18	23 21.33	− 6 22.3	1.155	2.046	16.7	20.5
10 28	23 19.12	− 6 13.1	1.219	2.034	20.8	20.7

383920 2008 SM_{147} 9 18.2 235°.66 4°.9/23.3 18

8 19	0 3.71	+14 43.3	1.845	2.681	14.7	21.1
8 29	23 58.49	+14 24.1	1.766	2.675	11.6	20.9
9 8	23 51.50	+13 41.7	1.709	2.669	8.3	20.7
9 18	23 43.44	+12 37.6	1.677	2.662	5.4	20.5
9 28	23 35.26	+11 16.9	1.672	2.655	5.3	20.5
10 8	23 27.97	+ 9 47.4	1.694	2.648	8.1	20.6
10 18	23 22.39	+ 8 17.9	1.742	2.640	11.5	20.8
10 28	23 19.12	+ 6 56.4	1.813	2.633	14.8	21.0

36717 2000 RY_{40} 9 18.2 298°.69 5°.7/23.3 18

8 19	0 3.19	+14 24.2	1.588	2.436	16.1	18.4
8 29	23 58.51	+14 21.6	1.499	2.414	12.9	18.2
9 8	23 51.69	+13 53.5	1.429	2.391	9.3	17.9
9 18	23 43.45	+12 59.9	1.383	2.369	6.3	17.7
9 28	23 34.86	+11 45.2	1.363	2.346	6.2	17.6
10 8	23 27.14	+10 17.5	1.368	2.324	9.3	17.7
10 18	23 21.34	+ 8 47.0	1.397	2.302	13.3	17.9
10 28	23 18.24	+ 7 23.8	1.447	2.280	17.1	18.1

254 Augusta 9 18.2 78°.67 2°.2/16.7 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 10.29	− 4 49.1	1.219	2.131	15.7	15.1
8 29	0 3.30	− 5 26.7	1.181	2.146	10.7	14.8
9 8	23 53.98	− 6 11.3	1.164	2.160	5.5	14.6
9 18	23 43.50	− 6 55.2	1.171	2.174	2.3	14.4
9 28	23 33.33	− 7 30.1	1.204	2.188	6.7	14.7
10 8	23 24.83	− 7 50.0	1.262	2.202	11.6	15.1
10 18	23 18.94	− 7 52.0	1.341	2.217	15.9	15.4
10 28	23 16.14	− 7 35.5	1.439	2.230	19.3	15.6

409731 2006 CQ_{26} 9 18.2 26°.87 3°.1/14.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 0.82	− 8 11.7	2.021	2.932	10.4	20.1
8 29	23 56.21	− 9 24.6	1.971	2.935	7.1	19.9
9 8	23 50.20	−10 40.6	1.946	2.939	4.0	19.8
9 18	23 43.43	−11 52.8	1.948	2.943	3.4	19.7
9 28	23 36.70	−12 54.8	1.979	2.947	6.1	19.9
10 8	23 30.82	−13 41.5	2.035	2.952	9.3	20.1
10 18	23 26.42	−14 10.0	2.116	2.956	12.3	20.3
10 28	23 23.94	−14 19.7	2.217	2.961	14.8	20.5

515348 2013 BT_{67} 9 18.2 350°.66 2°.5/16.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 4.84	− 6 30.9	1.513	2.426	13.1	20.4
8 29	23 59.40	− 7 3.2	1.456	2.422	9.0	20.1
9 8	23 51.99	− 7 40.2	1.422	2.418	4.7	19.9
9 18	23 43.47	− 8 15.7	1.414	2.415	2.7	19.7
9 28	23 34.96	− 8 43.2	1.431	2.413	6.3	20.0
10 8	23 27.60	− 8 57.1	1.474	2.411	10.6	20.2
10 18	23 22.28	− 8 54.8	1.539	2.410	14.5	20.5
10 28	23 19.54	− 8 35.2	1.624	2.409	17.7	20.7

92990 2000 RA_{74} 9 18.2 314°.07 5°.8/14.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 10.92	−15 41.6	1.545	2.454	13.1	18.0
8 29	0 3.64	−16 9.7	1.489	2.448	9.5	17.7
9 8	23 54.18	−16 32.1	1.457	2.442	6.5	17.6
9 18	23 43.51	−16 41.6	1.451	2.436	6.1	17.5
9 28	23 32.93	−16 32.8	1.470	2.430	8.8	17.7
10 8	23 23.70	−16 3.2	1.515	2.424	12.4	17.9
10 18	23 16.75	−15 13.6	1.582	2.419	15.9	18.1
10 28	23 12.65	−14 6.6	1.668	2.414	18.8	18.3

33648 1999 JN_{83} 9 18.2 30°.36 9°.8/ 8.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 2.98	−21 22.3	1.336	2.259	13.7	17.8
8 29	23 58.25	−23 34.4	1.311	2.266	11.0	17.7
9 8	23 51.40	−25 33.1	1.310	2.273	9.8	17.6
9 18	23 43.46	−27 6.1	1.332	2.281	10.8	17.7
9 28	23 35.71	−28 4.3	1.377	2.290	13.3	17.9
10 8	23 29.39	−28 25.2	1.442	2.299	16.2	18.1
10 18	23 25.34	−28 11.0	1.526	2.309	18.9	18.3
10 28	23 24.03	−27 26.5	1.624	2.319	21.1	18.5

23920 1998 SE_{135} 9 18.2 31°.28 0°.7/18.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	23 59.98	+ 3 47.6	1.708	2.600	13.1	17.6
8 29	23 55.76	+ 2 47.3	1.660	2.613	9.2	17.4
9 8	23 50.00	+ 1 32.5	1.635	2.627	5.0	17.2
9 18	23 43.43	+ 0 9.2	1.637	2.641	0.8	16.9
9 28	23 36.98	− 1 14.6	1.665	2.656	4.1	17.2
10 8	23 31.50	− 2 31.1	1.721	2.672	8.2	17.5
10 18	23 27.69	− 3 34.2	1.801	2.688	11.8	17.7
10 28	23 25.97	− 4 20.0	1.902	2.704	14.9	18.0

143994 2004 AU_{2} 9 18.2 108°.17 2°.3/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 6.59	+ 6 10.0	1.509	2.389	15.1	19.9
8 29	0 0.59	+ 5 45.8	1.452	2.396	11.1	19.7
9 8	23 52.60	+ 5 3.3	1.418	2.403	6.5	19.5
9 18	23 43.50	+ 4 6.9	1.409	2.410	2.5	19.2
9 28	23 34.46	+ 3 3.5	1.426	2.417	4.6	19.4
10 8	23 26.63	+ 2 1.6	1.470	2.424	9.0	19.7
10 18	23 20.90	+ 1 8.2	1.538	2.431	13.1	19.9
10 28	23 17.82	+ 0 28.7	1.626	2.437	16.6	20.2

461261 2015 XZ_{43} 9 18.2 288°.42 2°.5/21.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 0.82	+ 8 59.8	2.262	3.120	11.6	21.6
8 29	23 56.24	+ 8 31.4	2.179	3.108	8.7	21.3
9 8	23 50.26	+ 7 47.3	2.119	3.096	5.6	21.1
9 18	23 43.46	+ 6 50.2	2.087	3.084	2.8	20.9
9 28	23 36.55	+ 5 44.6	2.082	3.072	3.6	21.0
10 8	23 30.31	+ 4 36.5	2.106	3.060	6.7	21.2
10 18	23 25.38	+ 3 31.8	2.156	3.048	10.0	21.3
10 28	23 22.26	+ 2 35.7	2.230	3.036	12.8	21.5

462263 2008 EY_{70} 9 18.2 236°.91 0°.9/16.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	23 59.23	− 4 19.8	3.565	4.455	6.9	22.8
8 29	23 54.69	− 4 51.9	3.489	4.445	4.7	22.7
9 8	23 49.30	− 5 27.3	3.440	4.435	2.4	22.5
9 18	23 43.44	− 6 3.4	3.421	4.424	0.9	22.3
9 28	23 37.55	− 6 37.2	3.432	4.413	3.0	22.5
10 8	23 32.07	− 7 6.1	3.473	4.402	5.4	22.7
10 18	23 27.42	− 7 27.7	3.541	4.391	7.5	22.8
10 28	23 23.93	− 7 40.5	3.633	4.380	9.4	22.9

379180 2009 RV_{18} 9 18.2 18°.52 1°.8/19.3 13 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 3.28	+ 2 13.1	0.870	1.793	19.1	20.1
8 29	23 58.96	+ 2 19.6	0.837	1.804	13.7	19.9
9 8	23 51.93	+ 2 6.6	0.821	1.816	7.6	19.6
9 18	23 43.49	+ 1 39.6	0.826	1.830	2.0	19.3
9 28	23 35.34	+ 1 7.4	0.853	1.846	5.9	19.6
10 8	23 29.06	+ 0 39.4	0.900	1.864	11.6	20.0
10 18	23 25.65	+ 0 22.7	0.967	1.884	16.6	20.4
10 28	23 25.61	+ 0 21.8	1.051	1.905	20.7	20.7

361931 2008 GE_{146} 9 18.2 11°.42 4°.5/12.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 1.13	−11 49.6	1.948	2.862	10.5	20.3
8 29	23 56.50	−13 14.8	1.899	2.863	7.4	20.1
9 8	23 50.39	−14 40.1	1.876	2.864	4.9	20.0
9 18	23 43.47	−15 58.0	1.881	2.866	4.9	20.0
9 28	23 36.58	−17 1.2	1.912	2.867	7.4	20.1
10 8	23 30.58	−17 45.1	1.969	2.869	10.5	20.3
10 18	23 26.12	−18 7.6	2.049	2.871	13.3	20.5
10 28	23 23.68	−18 8.7	2.148	2.874	15.7	20.7

428507 2007 XQ_{56} 9 18.2 325°.03 1°.8/17.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 7.45	− 5 19.7	0.981	1.907	17.2	20.3
8 29	0 2.43	− 5 13.0	0.907	1.878	12.2	19.9
9 8	23 54.15	− 5 12.6	0.853	1.851	6.4	19.5
9 18	23 43.56	− 5 12.8	0.820	1.824	1.8	19.1
9 28	23 32.38	− 5 6.3	0.809	1.799	7.5	19.4
10 8	23 22.58	− 4 46.6	0.820	1.775	14.0	19.6
10 18	23 15.78	− 4 10.2	0.849	1.753	19.8	19.9
10 28	23 13.02	− 3 15.4	0.894	1.732	24.7	20.1

518211 2016 QJ_{88} 9 18.2 282°.55 4°.7/13.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 3.37	−10 44.9	1.694	2.609	11.8	21.4
8 29	23 58.39	−12 15.2	1.627	2.593	8.3	21.2
9 8	23 51.52	−13 49.0	1.586	2.575	5.3	21.0
9 18	23 43.50	−15 17.3	1.570	2.558	5.2	21.0
9 28	23 35.34	−16 30.8	1.581	2.541	8.3	21.1
10 8	23 28.11	−17 22.8	1.618	2.524	12.0	21.3
10 18	23 22.70	−17 49.9	1.676	2.506	15.4	21.5
10 28	23 19.71	−17 51.9	1.753	2.489	18.4	21.6

488770 2004 TC_{199} 9 18.2 254°.50 4°.3/13.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 5.87	−15 40.0	2.521	3.421	9.1	21.7
8 29	23 59.59	−16 17.6	2.452	3.406	6.6	21.5
9 8	23 51.95	−16 52.1	2.409	3.390	4.6	21.4
9 18	23 43.52	−17 18.5	2.395	3.375	4.5	21.3
9 28	23 35.05	−17 32.9	2.410	3.359	6.5	21.4
10 8	23 27.30	−17 32.4	2.452	3.343	9.1	21.6
10 18	23 20.90	−17 16.3	2.519	3.326	11.6	21.7
10 28	23 16.34	−16 45.1	2.606	3.309	13.7	21.9

270188 2001 SD_{307} 9 18.2 297°.55 0°.6/17.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 6.14	− 1 17.8	1.480	2.382	14.0	20.7
8 29	0 0.46	− 1 46.2	1.413	2.373	9.8	20.5
9 8	23 52.65	− 2 25.7	1.368	2.363	5.1	20.2
9 18	23 43.54	− 3 10.9	1.349	2.354	0.6	19.8
9 28	23 34.32	− 3 54.7	1.357	2.345	5.3	20.1
10 8	23 26.23	− 4 29.9	1.389	2.336	10.2	20.4
10 18	23 20.24	− 4 51.6	1.445	2.327	14.5	20.7
10 28	23 16.99	− 4 56.5	1.521	2.319	18.1	20.9

245553 2005 UG_{10} 9 18.2 308°.09 3°.6/14.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 3.19	−10 12.3	1.945	2.856	10.8	20.2
8 29	23 57.99	−11 7.5	1.884	2.848	7.5	20.0
9 8	23 51.20	−12 4.2	1.849	2.840	4.5	19.8
9 18	23 43.51	−12 56.0	1.840	2.833	3.9	19.7
9 28	23 35.80	−13 36.8	1.859	2.826	6.6	19.9
10 8	23 28.97	−14 1.9	1.904	2.818	9.9	20.1
10 18	23 23.74	−14 9.2	1.972	2.812	13.1	20.3
10 28	23 20.62	−13 58.3	2.060	2.805	15.7	20.5

506073 2015 TA_{177} 9 18.2 309°.41 8°.4/ 9.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 6.86	−26 4.9	1.994	2.890	11.3	20.3
8 29	0 0.60	−27 3.0	1.941	2.874	9.4	20.2
9 8	23 52.57	−27 48.8	1.912	2.859	8.4	20.1
9 18	23 43.54	−28 15.0	1.908	2.844	9.0	20.1
9 28	23 34.55	−28 16.6	1.930	2.829	10.8	20.2
10 8	23 26.60	−27 51.9	1.974	2.815	13.2	20.3
10 18	23 20.48	−27 2.5	2.039	2.800	15.5	20.4
10 28	23 16.72	−25 51.7	2.122	2.786	17.5	20.6

158977 2004 RE_{294} 9 18.2 62°.27 1°.5/19.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 3.20	+ 6 3.1	1.480	2.366	15.0	20.7
8 29	23 58.20	+ 5 4.0	1.431	2.379	10.8	20.4
9 8	23 51.34	+ 3 45.7	1.404	2.393	6.1	20.2
9 18	23 43.51	+ 2 14.8	1.403	2.406	1.7	20.0
9 28	23 35.82	+ 0 40.6	1.428	2.420	4.4	20.2
10 8	23 29.32	− 0 47.2	1.480	2.434	9.0	20.5
10 18	23 24.81	− 2 0.9	1.555	2.447	13.1	20.8
10 28	23 22.77	− 2 55.6	1.652	2.461	16.4	21.0

228464 2001 RY_{52} 9 18.2 355°.41 1°.7/17.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 2.66	− 3 35.7	1.048	1.974	16.3	19.9
8 29	23 58.48	− 4 4.8	0.996	1.968	11.3	19.6
9 8	23 51.75	− 4 44.8	0.965	1.963	5.8	19.2
9 18	23 43.53	− 5 28.0	0.956	1.960	1.8	19.0
9 28	23 35.30	− 6 4.9	0.969	1.958	6.9	19.3
10 8	23 28.58	− 6 27.5	1.005	1.957	12.4	19.6
10 18	23 24.44	− 6 30.9	1.060	1.958	17.2	19.9
10 28	23 23.52	− 6 13.4	1.133	1.961	21.2	20.2

300556 2007 TN_{296} 9 18.2 49°.75 8°.1/11.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 8.48	−21 7.3	1.513	2.424	13.2	20.1
8 29	0 1.72	−22 7.8	1.490	2.441	10.2	20.0
9 8	23 53.06	−22 56.0	1.489	2.458	8.3	19.9
9 18	23 43.55	−23 23.8	1.513	2.476	8.6	20.0
9 28	23 34.44	−23 26.2	1.562	2.494	10.7	20.1
10 8	23 26.83	−23 2.4	1.634	2.512	13.5	20.3
10 18	23 21.48	−22 14.9	1.726	2.530	16.2	20.6
10 28	23 18.77	−21 7.7	1.837	2.549	18.4	20.8

237445 1999 TF_{73} 9 18.2 302°.48 0°.8/18.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 6.11	+ 1 25.0	1.627	2.519	13.6	20.2
8 29	0 0.32	+ 1 14.2	1.557	2.510	9.7	20.0
9 8	23 52.54	+ 0 51.3	1.509	2.501	5.3	19.7
9 18	23 43.56	+ 0 20.1	1.488	2.492	0.9	19.4
9 28	23 34.47	− 0 13.9	1.493	2.483	4.5	19.6
10 8	23 26.39	− 0 44.6	1.524	2.475	9.1	19.9
10 18	23 20.25	− 1 6.8	1.580	2.467	13.2	20.1
10 28	23 16.66	− 1 16.6	1.656	2.459	16.7	20.3

450147 1999 TT_{84} 9 18.2 327°.26 1°.0/17.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 2.92	− 2 49.9	1.749	2.653	12.1	21.2
8 29	23 58.00	− 3 16.7	1.677	2.638	8.4	20.9
9 8	23 51.31	− 3 51.7	1.628	2.623	4.3	20.6
9 18	23 43.55	− 4 30.1	1.605	2.609	1.0	20.4
9 28	23 35.66	− 5 5.8	1.609	2.596	4.9	20.6
10 8	23 28.67	− 5 33.4	1.640	2.583	9.2	20.8
10 18	23 23.38	− 5 48.6	1.694	2.571	13.0	21.1
10 28	23 20.40	− 5 48.9	1.768	2.559	16.3	21.3

92053 1999 VJ_{210} 9 18.2 277°.66 3°.3/14.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 2.17	− 9 54.9	2.254	3.161	9.7	19.9
8 29	23 57.20	−10 58.8	2.181	3.143	6.7	19.7
9 8	23 50.79	−12 5.2	2.134	3.125	4.0	19.5
9 18	23 43.54	−13 8.1	2.116	3.107	3.6	19.4
9 28	23 36.18	−14 1.6	2.125	3.089	6.1	19.6
10 8	23 29.51	−14 40.9	2.162	3.071	9.2	19.7
10 18	23 24.20	−15 3.2	2.222	3.053	12.1	19.9
10 28	23 20.75	−15 7.6	2.304	3.034	14.6	20.0

365350 2009 SK_{279} 9 18.2 74°.49 2°.2/15.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 3.63	− 7 11.1	2.179	3.081	10.1	20.6
8 29	23 58.02	− 7 52.2	2.133	3.094	6.9	20.4
9 8	23 51.11	− 8 35.8	2.114	3.108	3.7	20.2
9 18	23 43.54	− 9 17.0	2.122	3.122	2.4	20.2
9 28	23 36.10	− 9 50.9	2.159	3.135	5.0	20.4
10 8	23 29.52	−10 13.9	2.224	3.149	8.2	20.6
10 18	23 24.41	−10 23.7	2.313	3.162	11.1	20.8
10 28	23 21.17	−10 19.5	2.423	3.176	13.4	21.0

389310 2009 SS_{32} 9 18.2 221°.21 1°.4/15.4 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	23 58.05	− 9 9.3	4.596	5.491	5.4	21.1
8 29	23 53.72	− 9 27.1	4.532	5.489	3.7	20.9
9 8	23 48.78	− 9 45.3	4.495	5.487	2.0	20.8
9 18	23 43.50	−10 1.8	4.488	5.484	1.5	20.8
9 28	23 38.23	−10 14.9	4.511	5.482	2.9	20.9
10 8	23 33.30	−10 22.8	4.564	5.480	4.6	21.0
10 18	23 29.02	−10 24.4	4.645	5.477	6.2	21.1
10 28	23 25.64	−10 19.0	4.749	5.475	7.6	21.2

441751 2009 BL_{175} 9 18.2 50°.30 3°.7/14.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 2.91	− 7 18.7	1.511	2.427	12.8	20.5
8 29	23 57.87	− 8 49.5	1.481	2.448	8.7	20.3
9 8	23 51.12	−10 23.4	1.475	2.469	4.8	20.1
9 18	23 43.54	−11 51.0	1.495	2.491	4.0	20.1
9 28	23 36.21	−13 3.5	1.542	2.512	7.2	20.4
10 8	23 30.10	−13 55.0	1.613	2.534	11.0	20.6
10 18	23 25.93	−14 23.2	1.707	2.557	14.3	20.9
10 28	23 24.11	−14 28.4	1.820	2.579	17.0	21.2

236478 2006 FL_{26} 9 18.2 134°.88 2°.4/21.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 2.34	+ 9 47.6	1.873	2.734	13.5	20.2
8 29	23 57.41	+ 8 41.6	1.807	2.739	10.0	20.0
9 8	23 50.91	+ 7 15.2	1.765	2.744	6.2	19.8
9 18	23 43.54	+ 5 33.6	1.749	2.749	2.7	19.6
9 28	23 36.19	+ 3 44.3	1.763	2.754	3.9	19.7
10 8	23 29.76	+ 1 56.8	1.804	2.758	7.7	19.9
10 18	23 24.94	+ 0 19.0	1.872	2.762	11.3	20.2
10 28	23 22.24	− 1 2.8	1.963	2.766	14.4	20.4

25357 1999 TM 9 18.2 311°.59 2°.6/20.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 3.07	+ 7 8.5	1.293	2.183	16.5	17.8
8 29	23 58.62	+ 6 37.1	1.221	2.169	12.3	17.5
9 8	23 51.83	+ 5 41.7	1.170	2.156	7.4	17.2
9 18	23 43.56	+ 4 26.7	1.142	2.143	3.0	16.9
9 28	23 35.08	+ 3 0.6	1.139	2.131	5.1	17.1
10 8	23 27.74	+ 1 34.3	1.160	2.119	10.2	17.3
10 18	23 22.65	+ 0 18.4	1.203	2.108	15.1	17.6
10 28	23 20.55	− 0 39.4	1.266	2.097	19.3	17.8

383135 2005 UJ_{44} 9 18.2 304°.49 1°.1/17.3 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 4.01	− 1 32.0	1.416	2.324	14.2	21.0
8 29	23 59.13	− 2 20.1	1.344	2.307	9.9	20.7
9 8	23 52.05	− 3 21.4	1.294	2.290	5.1	20.4
9 18	23 43.59	− 4 29.1	1.270	2.274	1.2	20.1
9 28	23 34.92	− 5 34.4	1.271	2.258	5.8	20.4
10 8	23 27.31	− 6 28.7	1.296	2.242	10.9	20.6
10 18	23 21.81	− 7 5.5	1.344	2.226	15.4	20.8
10 28	23 19.10	− 7 21.5	1.411	2.211	19.2	21.0

227900 2007 EU_{132} 9 18.2 264°.50 0°.3/17.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 6.25	− 0 13.1	1.659	2.554	13.2	21.7
8 29	0 0.46	− 0 48.2	1.583	2.539	9.3	21.4
9 8	23 52.66	− 1 35.1	1.530	2.524	4.8	21.1
9 18	23 43.60	− 2 29.0	1.504	2.509	0.3	20.7
9 28	23 34.37	− 3 23.0	1.505	2.493	4.9	21.1
10 8	23 26.08	− 4 9.8	1.532	2.477	9.6	21.3
10 18	23 19.69	− 4 44.1	1.583	2.461	13.7	21.5
10 28	23 15.85	− 5 2.0	1.655	2.444	17.3	21.7

47435 1999 XK_{176} 9 18.2 230°.59 5°.7/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 6.94	+17 21.8	2.375	3.176	12.9	19.1
8 29	0 0.58	+17 42.4	2.283	3.164	10.6	19.0
9 8	23 52.60	+17 44.8	2.215	3.151	8.1	18.8
9 18	23 43.61	+17 28.4	2.172	3.138	6.1	18.6
9 28	23 34.40	+16 55.1	2.158	3.124	5.8	18.6
10 8	23 25.86	+16 9.0	2.171	3.110	7.5	18.7
10 18	23 18.74	+15 15.9	2.211	3.095	10.1	18.8
10 28	23 13.63	+14 22.2	2.275	3.079	12.7	19.0

50717 Jimfox 9 18.2 123°.17 3°.3/14.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 2.99	− 8 24.3	2.129	3.035	10.2	18.0
8 29	23 57.66	− 9 53.7	2.085	3.047	7.0	17.8
9 8	23 50.97	−11 25.5	2.067	3.059	4.0	17.7
9 18	23 43.57	−12 52.5	2.078	3.071	3.6	17.7
9 28	23 36.27	−14 7.9	2.118	3.082	6.1	17.9
10 8	23 29.82	−15 6.7	2.185	3.092	9.2	18.1
10 18	23 24.84	−15 46.2	2.276	3.103	12.0	18.3
10 28	23 21.77	−16 6.0	2.388	3.113	14.3	18.5

451766 2013 FY_{24} 9 18.2 42°.94 4°.5/14.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 9.42	−14 42.7	1.880	2.784	11.4	20.1
8 29	0 2.15	−14 57.8	1.838	2.796	8.1	19.9
9 8	23 53.27	−15 8.1	1.822	2.808	5.3	19.8
9 18	23 43.63	−15 8.9	1.832	2.820	4.7	19.8
9 28	23 34.23	−14 56.4	1.871	2.832	7.0	19.9
10 8	23 26.03	−14 29.0	1.936	2.845	10.1	20.2
10 18	23 19.72	−13 47.1	2.025	2.859	13.0	20.4
10 28	23 15.73	−12 52.2	2.135	2.872	15.5	20.6

300872 2008 AV_{29} 9 18.2 272°.79 1°.0/17.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 5.15	− 2 57.6	1.948	2.844	11.5	20.8
8 29	23 59.43	− 3 27.3	1.873	2.831	8.0	20.6
9 8	23 52.03	− 4 4.4	1.823	2.818	4.1	20.3
9 18	23 43.60	− 4 44.3	1.800	2.804	1.0	20.1
9 28	23 35.07	− 5 21.5	1.806	2.791	4.7	20.3
10 8	23 27.37	− 5 51.0	1.838	2.777	8.7	20.5
10 18	23 21.28	− 6 8.7	1.896	2.763	12.3	20.7
10 28	23 17.38	− 6 12.5	1.974	2.750	15.3	20.9

16840 1997 WT_{44} 9 18.2 216°.72 0°.3/18.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 3.45	+ 1 36.9	2.379	3.258	10.3	19.0
8 29	23 57.99	+ 1 1.2	2.304	3.252	7.3	18.8
9 8	23 51.18	+ 0 15.9	2.254	3.244	3.9	18.6
9 18	23 43.59	− 0 35.5	2.232	3.237	0.4	18.3
9 28	23 35.94	− 1 28.1	2.240	3.229	3.5	18.5
10 8	23 28.98	− 2 16.9	2.277	3.221	6.9	18.7
10 18	23 23.32	− 2 57.8	2.340	3.212	10.1	18.9
10 28	23 19.44	− 3 27.4	2.426	3.203	12.8	19.1

315150 2007 EZ_{215} 9 18.2 122°.81 3°.5/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 4.55	−13 10.9	2.605	3.506	8.8	21.1
8 29	23 58.52	−13 52.9	2.561	3.518	6.2	21.0
9 8	23 51.34	−14 32.7	2.545	3.530	4.0	20.8
9 18	23 43.59	−15 6.1	2.557	3.542	3.7	20.8
9 28	23 35.96	−15 29.2	2.597	3.554	5.6	21.0
10 8	23 29.10	−15 39.5	2.666	3.565	8.1	21.2
10 18	23 23.54	−15 36.1	2.760	3.576	10.4	21.3
10 28	23 19.66	−15 19.1	2.875	3.587	12.4	21.5

512896 2016 WM_{37} 9 18.2 23°.01 6°.7/12.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 6.68	−17 21.6	1.512	2.428	12.9	20.4
8 29	0 0.62	−18 13.5	1.475	2.434	9.5	20.2
9 8	23 52.61	−18 58.0	1.460	2.440	7.1	20.1
9 18	23 43.62	−19 27.1	1.470	2.447	7.1	20.1
9 28	23 34.86	−19 34.9	1.506	2.455	9.6	20.3
10 8	23 27.44	−19 19.1	1.565	2.463	12.8	20.5
10 18	23 22.18	−18 40.8	1.645	2.472	15.9	20.7
10 28	23 19.54	−17 42.7	1.743	2.481	18.4	20.9

295273 2008 GW_{76} 9 18.2 82°.24 1°.5/16.8 17

8 19	0 4.59	− 1 35.4	1.453	2.359	14.0	21.0
8 29	23 59.22	− 2 50.2	1.406	2.368	9.6	20.7
9 8	23 51.93	− 4 16.3	1.382	2.378	4.8	20.5
9 18	23 43.61	− 5 45.3	1.384	2.387	1.6	20.3
9 28	23 35.41	− 7 7.5	1.413	2.397	5.8	20.6
10 8	23 28.45	− 8 14.6	1.467	2.406	10.4	20.9
10 18	23 23.55	− 9 1.4	1.544	2.416	14.4	21.2
10 28	23 21.22	− 9 25.9	1.641	2.425	17.6	21.4

304259 2006 RJ_{69} 9 18.2 331°.32 0°.8/18.9 18

8 19	0 2.08	+ 3 5.9	1.717	2.607	13.1	21.4
8 29	23 57.41	+ 2 25.3	1.649	2.601	9.3	21.2
9 8	23 51.01	+ 1 30.1	1.604	2.596	5.1	20.9
9 18	23 43.59	+ 0 25.2	1.586	2.590	0.9	20.6
9 28	23 36.12	− 0 42.6	1.595	2.585	4.2	20.9
10 8	23 29.56	− 1 45.7	1.630	2.581	8.6	21.1
10 18	23 24.73	− 2 37.9	1.689	2.577	12.5	21.3
10 28	23 22.16	− 3 14.6	1.770	2.573	15.8	21.6

325060 2008 CF_{200} 9 18.2 24°.93 0°.9/18.7 17

8 19	0 6.49	+ 0 17.1	0.944	1.864	18.3	19.1
8 29	0 1.07	+ 0 24.3	0.911	1.877	12.9	18.8
9 8	23 53.02	+ 0 16.2	0.897	1.893	6.9	18.6
9 18	23 43.64	− 0 1.8	0.905	1.909	1.0	18.2
9 28	23 34.61	− 0 22.0	0.935	1.928	5.8	18.6
10 8	23 27.47	− 0 36.8	0.987	1.947	11.4	19.0
10 18	23 23.20	− 0 40.6	1.060	1.968	16.3	19.4
10 28	23 22.26	− 0 30.2	1.150	1.990	20.2	19.7

176488 2001 XF_{230} 9 18.2 307°.36 1°.6/16.6 18

8 19	0 3.56	− 4 19.9	1.934	2.836	11.3	20.2
8 29	23 58.27	− 5 1.8	1.871	2.832	7.7	20.0
9 8	23 51.40	− 5 49.9	1.832	2.828	3.9	19.7
9 18	23 43.63	− 6 39.0	1.821	2.824	1.7	19.6
9 28	23 35.84	− 7 23.2	1.838	2.820	5.0	19.8
10 8	23 28.93	− 7 57.2	1.881	2.816	8.8	20.0
10 18	23 23.62	− 8 17.6	1.949	2.812	12.2	20.2
10 28	23 20.40	− 8 22.5	2.038	2.809	15.1	20.4

77491 2001 HA_{36} 9 18.2 172°.75 5°.2/24.4 18

8 19	0 3.96	+17 4.7	2.142	2.956	13.7	19.7
8 29	23 58.51	+16 53.8	2.067	2.958	11.0	19.5
9 8	23 51.52	+16 21.6	2.014	2.959	8.2	19.3
9 18	23 43.64	+15 29.2	1.986	2.961	5.8	19.2
9 28	23 35.72	+14 20.4	1.986	2.961	5.4	19.2
10 8	23 28.61	+13 1.6	2.014	2.962	7.4	19.3
10 18	23 23.02	+11 40.2	2.068	2.962	10.2	19.5
10 28	23 19.47	+10 23.3	2.146	2.962	12.9	19.7

316823 1999 WS_{25} 9 18.2 88°.23 1°.4/17.1 17

8 19	0 8.49	− 2 26.4	1.457	2.359	14.2	20.9
8 29	0 1.81	− 3 17.6	1.419	2.380	9.7	20.7
9 8	23 53.20	− 4 17.7	1.405	2.400	4.9	20.5
9 18	23 43.68	− 5 19.2	1.417	2.421	1.4	20.3
9 28	23 34.44	− 6 14.2	1.456	2.441	5.6	20.6
10 8	23 26.61	− 6 56.1	1.521	2.461	10.1	20.9
10 18	23 20.97	− 7 21.3	1.609	2.480	13.9	21.2
10 28	23 17.98	− 7 28.2	1.717	2.499	17.0	21.5

298666 2004 CE_{59} 9 18.2 190°.98 1°.7/16.4 18

8 19	0 5.84	− 5 57.5	2.320	3.214	9.9	21.3
8 29	23 59.63	− 6 31.7	2.256	3.213	6.8	21.1
9 8	23 52.03	− 7 9.6	2.218	3.212	3.5	20.9
9 18	23 43.66	− 7 46.8	2.208	3.209	1.8	20.8
9 28	23 35.29	− 8 18.7	2.228	3.207	4.6	21.0
10 8	23 27.71	− 8 41.4	2.277	3.204	7.9	21.2
10 18	23 21.55	− 8 52.5	2.351	3.200	10.9	21.4
10 28	23 17.27	− 8 50.6	2.447	3.197	13.4	21.5

321224 2008 YW_{155} 9 18.2 292°.01 0°.6/17.7 18

8 19	0 3.47	− 0 34.1	1.722	2.620	12.6	21.3
8 29	23 58.41	− 1 21.1	1.652	2.611	8.8	21.1
9 8	23 51.57	− 2 19.6	1.607	2.602	4.5	20.8
9 18	23 43.66	− 3 23.9	1.588	2.592	0.6	20.5
9 28	23 35.66	− 4 26.8	1.596	2.583	4.8	20.8
10 8	23 28.58	− 5 21.3	1.630	2.574	9.2	21.0
10 18	23 23.26	− 6 1.9	1.689	2.565	13.1	21.2
10 28	23 20.26	− 6 25.4	1.768	2.557	16.4	21.5

106469 2000 WR_8 9 18.2 1°.21 2°.6/20.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 8.38	+ 4 50.1	1.295	2.185	16.5	19.0
8 29	0 2.24	+ 4 54.6	1.236	2.184	12.1	18.8
9 8	23 53.69	+ 4 41.4	1.197	2.184	7.2	18.5
9 18	23 43.71	+ 4 13.4	1.182	2.184	2.8	18.3
9 28	23 33.69	+ 3 36.6	1.193	2.184	5.2	18.4
10 8	23 25.03	+ 2 59.1	1.228	2.185	10.1	18.7
10 18	23 18.81	+ 2 27.8	1.286	2.185	14.7	19.0
10 28	23 15.67	+ 2 8.5	1.364	2.186	18.6	19.2

521629 2015 PZ_{322} 9 18.2 189°.90 3°.9/13.5 18

8 19	0 2.72	−11 19.6	2.148	3.057	10.0	21.4
8 29	23 57.56	−12 35.7	2.095	3.056	7.0	21.2
9 8	23 50.99	−13 52.3	2.067	3.056	4.5	21.1
9 18	23 43.65	−15 2.7	2.068	3.055	4.3	21.1
9 28	23 36.32	−16 0.8	2.097	3.054	6.7	21.2
10 8	23 29.80	−16 41.9	2.152	3.053	9.7	21.4
10 18	23 24.74	−17 4.0	2.231	3.052	12.4	21.6
10 28	23 21.60	−17 6.9	2.330	3.050	14.7	21.8

282371 2003 PB_{13} 9 18.2 354°.57 4°.0/22.3 18

8 19	23 59.06	+12 14.6	1.351	2.224	17.0	19.8
8 29	23 55.66	+11 23.3	1.285	2.220	13.0	19.5
9 8	23 50.25	+10 2.5	1.240	2.216	8.6	19.3
9 18	23 43.63	+ 8 16.7	1.218	2.214	4.6	19.1
9 28	23 36.96	+ 6 15.6	1.221	2.212	5.0	19.1
10 8	23 31.39	+ 4 12.1	1.249	2.212	9.2	19.3
10 18	23 27.86	+ 2 18.4	1.301	2.212	13.7	19.6
10 28	23 26.96	+ 0 44.1	1.374	2.213	17.6	19.8

66603 1999 RB_{190} 9 18.2 349°.89 1°.6/19.3 18

8 19	0 6.04	+ 2 3.2	1.332	2.231	15.5	19.2
8 29	0 0.58	+ 2 13.1	1.269	2.225	11.2	18.9
9 8	23 52.83	+ 2 9.3	1.229	2.220	6.3	18.7
9 18	23 43.70	+ 1 54.9	1.212	2.215	1.7	18.4
9 28	23 34.49	+ 1 35.3	1.220	2.212	5.0	18.6
10 8	23 26.53	+ 1 16.8	1.253	2.209	10.0	18.9
10 18	23 20.85	+ 1 5.2	1.308	2.207	14.5	19.1
10 28	23 18.11	+ 1 4.8	1.383	2.207	18.3	19.4

142167 2002 RM_{34} 9 18.2 266°.39 3°.1/15.9 18

8 19	0 8.61	− 7 35.4	1.474	2.384	13.6	19.2
8 29	0 2.19	− 8 13.8	1.414	2.378	9.4	19.0
9 8	23 53.59	− 8 56.3	1.378	2.373	5.1	18.7
9 18	23 43.72	− 9 35.9	1.368	2.367	3.3	18.6
9 28	23 33.84	−10 5.3	1.383	2.362	6.9	18.8
10 8	23 25.20	−10 18.9	1.424	2.356	11.3	19.0
10 18	23 18.78	−10 14.4	1.488	2.350	15.3	19.3
10 28	23 15.17	− 9 51.2	1.570	2.345	18.7	19.5

472610 2015 DA_{158} 9 18.2 112°.82 3°.7/21.8 18

8 19	0 5.67	+10 39.6	1.587	2.448	15.5	20.8
8 29	23 59.98	+10 14.7	1.527	2.456	11.7	20.6
9 8	23 52.37	+ 9 27.7	1.489	2.464	7.6	20.4
9 18	23 43.70	+ 8 22.1	1.476	2.472	4.2	20.2
9 28	23 35.06	+ 7 4.5	1.490	2.479	4.8	20.2
10 8	23 27.57	+ 5 44.0	1.530	2.486	8.5	20.5
10 18	23 22.06	+ 4 29.0	1.595	2.493	12.4	20.7
10 28	23 19.08	+ 3 26.4	1.682	2.500	15.8	21.0

63272 2001 CC_{49} 9 18.2 282°.56 2°.3/13.5 18

8 19	23 57.00	−13 12.3	4.251	5.152	5.6	19.5
8 29	23 53.10	−13 48.7	4.192	5.149	4.0	19.3
9 8	23 48.53	−14 24.2	4.161	5.146	2.6	19.2
9 18	23 43.61	−14 56.0	4.159	5.143	2.5	19.2
9 28	23 38.68	−15 21.9	4.186	5.139	3.8	19.3
10 8	23 34.12	−15 39.9	4.242	5.136	5.5	19.4
10 18	23 30.25	−15 48.9	4.324	5.133	7.1	19.6
10 28	23 27.33	−15 48.3	4.429	5.130	8.5	19.7

6177 Fécamp 9 18.3 218°.95 0°.4/17.9 18

8 19	0 10.00	− 1 18.9	1.453	2.351	14.5	17.0
8 29	0 3.21	− 1 41.1	1.389	2.347	10.2	16.7
9 8	23 54.16	− 2 14.0	1.348	2.342	5.3	16.4
9 18	23 43.75	− 2 52.4	1.333	2.338	0.4	16.1
9 28	23 33.29	− 3 29.4	1.344	2.333	5.4	16.4
10 8	23 24.07	− 3 58.2	1.382	2.327	10.3	16.7
10 18	23 17.13	− 4 14.1	1.442	2.321	14.7	16.9
10 28	23 13.10	− 4 14.3	1.522	2.315	18.3	17.2

477030 2009 AE_{13} 9 18.3 304°.14 5°.6/23.4 18

8 19	0 4.70	+14 22.4	1.733	2.573	15.3	20.5
8 29	23 59.36	+14 32.4	1.658	2.567	12.2	20.3
9 8	23 52.12	+14 20.0	1.603	2.561	8.8	20.1
9 18	23 43.70	+13 45.9	1.573	2.555	6.1	19.9
9 28	23 35.14	+12 53.5	1.569	2.549	5.9	19.9
10 8	23 27.51	+11 50.0	1.591	2.544	8.6	20.0
10 18	23 21.70	+10 43.2	1.638	2.538	12.0	20.2
10 28	23 18.36	+ 9 41.3	1.707	2.533	15.3	20.4

257190 2008 KD_{35} 9 18.3 13°.58 0°.3/17.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 1.86	− 0 1.1	1.947	2.841	11.6	20.5
8 29	23 57.07	− 0 44.4	1.886	2.842	8.0	20.3
9 8	23 50.78	− 1 37.6	1.850	2.844	4.1	20.1
9 18	23 43.67	− 2 35.8	1.841	2.846	0.3	19.8
9 28	23 36.57	− 3 32.9	1.860	2.848	4.1	20.1
10 8	23 30.32	− 4 22.9	1.906	2.850	8.0	20.3
10 18	23 25.60	− 5 1.4	1.976	2.853	11.5	20.6
10 28	23 22.89	− 5 25.4	2.069	2.855	14.3	20.8

200534 2001 DU_{73} 9 18.3 264°.75 0°.0/18.3 18

8 19	0 3.81	+ 1 19.2	1.872	2.761	12.2	20.2
8 29	23 58.62	+ 0 29.6	1.792	2.745	8.6	19.9
9 8	23 51.69	− 0 33.2	1.737	2.729	4.5	19.7
9 18	23 43.70	− 1 44.0	1.708	2.713	0.1	19.3
9 28	23 35.54	− 2 56.1	1.708	2.696	4.4	19.6
10 8	23 28.18	− 4 2.1	1.735	2.679	8.7	19.8
10 18	23 22.45	− 4 56.1	1.786	2.662	12.5	20.0
10 28	23 18.94	− 5 33.9	1.860	2.645	15.8	20.2

291572 2006 FC_{34} 9 18.3 224°.94 1°.6/20.6 18

8 19	0 1.08	+ 7 6.1	2.832	3.688	9.6	21.4
8 29	23 56.23	+ 6 30.3	2.748	3.679	7.1	21.2
9 8	23 50.27	+ 5 42.7	2.690	3.669	4.3	21.1
9 18	23 43.67	+ 4 46.1	2.659	3.659	1.8	20.9
9 28	23 36.99	+ 3 44.3	2.659	3.649	2.9	20.9
10 8	23 30.85	+ 2 41.9	2.688	3.638	5.7	21.1
10 18	23 25.77	+ 1 43.5	2.745	3.627	8.4	21.3
10 28	23 22.17	+ 0 52.9	2.827	3.615	10.9	21.4

315880 2008 JP_{40} 9 18.3 184°.26 1°.9/20.6 18

8 19	0 1.69	+ 7 19.3	2.268	3.131	11.4	20.6
8 29	23 56.82	+ 6 43.9	2.197	3.131	8.4	20.4
9 8	23 50.63	+ 5 54.4	2.150	3.131	5.1	20.2
9 18	23 43.68	+ 4 54.0	2.131	3.131	2.2	20.0
9 28	23 36.70	+ 3 47.6	2.140	3.131	3.4	20.1
10 8	23 30.45	+ 2 41.3	2.178	3.130	6.6	20.3
10 18	23 25.53	+ 1 40.3	2.243	3.130	9.8	20.5
10 28	23 22.41	+ 0 49.4	2.331	3.129	12.6	20.7

18474 1995 WV_{3} 9 18.3 212°.88 6°.7/27.5 18 R

8 19	0 4.67	+24 44.4	2.859	3.602	12.3	18.5
8 29	23 58.85	+25 4.7	2.768	3.595	10.5	18.4
9 8	23 51.69	+25 5.9	2.698	3.587	8.7	18.2
9 18	23 43.71	+24 47.1	2.653	3.579	7.2	18.1
9 28	23 35.58	+24 9.3	2.634	3.571	6.7	18.1
10 8	23 28.03	+23 16.2	2.643	3.562	7.4	18.1
10 18	23 21.68	+22 12.7	2.679	3.552	8.9	18.2
10 28	23 17.05	+21 5.0	2.740	3.542	10.8	18.3

311862 2006 WR_{38} 9 18.3 18°.23 1°.3/16.9 18

8 19	0 3.01	− 2 50.9	1.816	2.718	11.9	20.6
8 29	23 57.94	− 3 37.8	1.758	2.719	8.2	20.4
9 8	23 51.26	− 4 32.6	1.726	2.721	4.1	20.1
9 18	23 43.69	− 5 29.7	1.720	2.723	1.3	19.9
9 28	23 36.15	− 6 22.5	1.741	2.725	4.9	20.2
10 8	23 29.55	− 7 5.1	1.789	2.728	8.9	20.4
10 18	23 24.61	− 7 33.5	1.861	2.731	12.4	20.7
10 28	23 21.84	− 7 45.6	1.954	2.734	15.3	20.9

379187 2009 RV_{63} 9 18.3 225°.02 1°.9/14.5 16

8 19	23 59.00	−12 16.1	4.528	5.424	5.4	20.7
8 29	23 54.43	−12 34.7	4.465	5.421	3.8	20.6
9 8	23 49.21	−12 52.3	4.430	5.417	2.3	20.5
9 18	23 43.65	−13 7.0	4.425	5.414	2.1	20.4
9 28	23 38.10	−13 16.8	4.450	5.411	3.3	20.5
10 8	23 32.91	−13 20.2	4.505	5.407	5.0	20.7
10 18	23 28.39	−13 16.2	4.586	5.404	6.6	20.8
10 28	23 24.82	−13 4.4	4.691	5.400	7.9	20.9

356123 2009 FR_{37} 9 18.3 334°.59 2°.3/15.9 18

8 19	0 2.63	− 5 6.3	1.740	2.648	11.9	20.4
8 29	23 57.77	− 6 10.0	1.681	2.645	8.2	20.2
9 8	23 51.22	− 7 20.6	1.646	2.642	4.2	20.0
9 18	23 43.70	− 8 31.2	1.638	2.638	2.5	19.9
9 28	23 36.18	− 9 34.1	1.657	2.636	5.9	20.1
10 8	23 29.60	−10 23.0	1.702	2.633	9.8	20.3
10 18	23 24.75	−10 54.0	1.771	2.631	13.4	20.5
10 28	23 22.13	−11 5.3	1.859	2.629	16.3	20.7

357958 2006 AD_{63} 9 18.3 98°.97 3°.3/15.8 17

8 19	0 9.58	− 6 39.1	1.273	2.187	15.0	20.3
8 29	0 2.87	− 7 39.1	1.233	2.199	10.3	20.0
9 8	23 53.91	− 8 44.4	1.215	2.210	5.5	19.8
9 18	23 43.77	− 9 45.7	1.222	2.222	3.6	19.7
9 28	23 33.89	−10 34.0	1.255	2.233	7.4	20.0
10 8	23 25.58	−11 2.9	1.312	2.245	12.0	20.3
10 18	23 19.76	−11 10.1	1.391	2.255	16.1	20.6
10 28	23 16.93	−10 55.9	1.488	2.266	19.4	20.8

8458 Georgekoenig 9 18.3 255°.65 2°.3/20.1 18

8 19	0 7.66	+ 5 42.8	1.550	2.428	14.9	18.5
8 29	0 1.65	+ 5 28.3	1.472	2.415	11.0	18.2
9 8	23 53.42	+ 4 56.0	1.416	2.401	6.6	18.0
9 18	23 43.78	+ 4 9.0	1.385	2.387	2.5	17.7
9 28	23 33.91	+ 3 13.3	1.381	2.372	4.7	17.8
10 8	23 25.05	+ 2 16.7	1.404	2.357	9.4	18.0
10 18	23 18.25	+ 1 26.8	1.450	2.342	13.8	18.2
10 28	23 14.22	+ 0 49.7	1.517	2.327	17.6	18.5

42959 1999 TC_{136} 9 18.3 7°.98 1°.1/19.2 18

8 19	0 4.64	+ 3 8.2	1.619	2.508	13.8	19.4
8 29	23 59.27	+ 2 42.3	1.557	2.508	9.9	19.2
9 8	23 52.04	+ 2 2.0	1.518	2.508	5.5	18.9
9 18	23 43.74	+ 1 11.8	1.505	2.509	1.2	18.7
9 28	23 35.44	+ 0 18.2	1.519	2.510	4.3	18.9
10 8	23 28.18	− 0 31.7	1.558	2.511	8.8	19.2
10 18	23 22.82	− 1 12.0	1.623	2.512	12.8	19.4
10 28	23 19.90	− 1 38.4	1.707	2.513	16.1	19.6

491766 2012 VA_{111} 9 18.3 256°.50 3°.5/14.7 18

8 19	0 5.73	− 9 44.1	1.947	2.853	11.0	21.9
8 29	23 59.90	−10 41.1	1.877	2.839	7.7	21.7
9 8	23 52.35	−11 40.6	1.832	2.823	4.5	21.5
9 18	23 43.77	−12 36.1	1.814	2.807	3.8	21.4
9 28	23 35.07	−13 20.9	1.824	2.791	6.6	21.5
10 8	23 27.23	−13 50.1	1.861	2.775	10.2	21.7
10 18	23 21.05	−14 1.1	1.921	2.758	13.5	21.9
10 28	23 17.08	−13 53.1	2.001	2.742	16.3	22.1

404805 2014 JS_{62} 9 18.3 157°.02 1°.9/20.5 18

8 19	0 2.74	+ 7 24.4	2.187	3.050	11.8	21.2
8 29	23 57.58	+ 6 41.1	2.119	3.054	8.6	21.0
9 8	23 51.04	+ 5 43.0	2.076	3.058	5.2	20.8
9 18	23 43.73	+ 4 33.7	2.061	3.061	2.1	20.6
9 28	23 36.42	+ 3 18.7	2.074	3.064	3.4	20.7
10 8	23 29.90	+ 2 4.6	2.116	3.067	6.9	21.0
10 18	23 24.78	+ 0 57.1	2.184	3.070	10.1	21.2
10 28	23 21.53	+ 0 1.1	2.276	3.072	12.9	21.4

120206 2004 EA_{30} 9 18.3 25°.41 1°.1/17.6 17

8 19	0 5.75	− 2 29.5	1.054	1.974	16.8	18.4
8 29	0 0.49	− 2 52.7	1.016	1.985	11.6	18.1
9 8	23 52.77	− 3 27.0	0.999	1.996	5.9	17.9
9 18	23 43.78	− 4 5.1	1.004	2.009	1.1	17.6
9 28	23 35.05	− 4 38.2	1.033	2.022	6.3	18.0
10 8	23 28.00	− 4 59.2	1.084	2.037	11.6	18.3
10 18	23 23.59	− 5 3.7	1.157	2.053	16.2	18.7
10 28	23 22.31	− 4 50.1	1.247	2.070	20.0	19.0

36719 2000 RC_{42} 9 18.3 266°.35 5°.5/24.2 18

8 19	0 2.74	+16 48.6	1.748	2.579	15.7	18.3
8 29	23 58.01	+16 19.6	1.668	2.571	12.6	18.1
9 8	23 51.44	+15 23.5	1.609	2.563	9.1	17.9
9 18	23 43.75	+14 2.0	1.574	2.555	6.2	17.7
9 28	23 35.94	+12 20.7	1.565	2.547	5.8	17.7
10 8	23 29.03	+10 28.9	1.584	2.539	8.4	17.8
10 18	23 23.90	+ 8 36.8	1.628	2.531	11.9	18.0
10 28	23 21.15	+ 6 54.3	1.695	2.523	15.3	18.2

393144 2013 BT_{60} 9 18.3 262°.53 1°.5/15.0 18

8 19	23 56.18	− 8 45.4	4.471	5.369	5.5	21.2
8 29	23 52.54	− 9 22.1	4.405	5.364	3.7	21.1
9 8	23 48.28	− 9 59.7	4.367	5.359	2.1	21.0
9 18	23 43.68	−10 35.9	4.359	5.354	1.6	20.9
9 28	23 39.07	−11 8.2	4.380	5.349	3.0	21.1
10 8	23 34.78	−11 34.6	4.431	5.344	4.8	21.2
10 18	23 31.12	−11 53.7	4.509	5.339	6.4	21.3
10 28	23 28.35	−12 4.4	4.610	5.334	7.9	21.4

395562 2011 UF_{216} 9 18.3 25°.87 2°.3/20.5 18

8 19	0 3.45	+ 6 49.5	1.806	2.679	13.4	21.0
8 29	23 58.32	+ 6 25.6	1.741	2.681	9.8	20.8
9 8	23 51.52	+ 5 45.5	1.700	2.682	5.9	20.6
9 18	23 43.77	+ 4 52.4	1.684	2.684	2.5	20.4
9 28	23 36.01	+ 3 52.3	1.695	2.686	4.0	20.5
10 8	23 29.18	+ 2 52.1	1.734	2.688	7.8	20.7
10 18	23 24.03	+ 1 58.0	1.798	2.691	11.5	20.9
10 28	23 21.10	+ 1 15.4	1.883	2.693	14.7	21.1

477006 2008 YH_{136} 9 18.3 73°.97 0°.6/18.8 18

8 19	0 5.37	+ 1 38.3	1.745	2.634	13.0	21.5
8 29	23 59.66	+ 1 12.8	1.685	2.637	9.2	21.3
9 8	23 52.22	+ 0 35.4	1.649	2.640	4.9	21.0
9 18	23 43.79	− 0 9.4	1.639	2.643	0.7	20.7
9 28	23 35.39	− 0 55.7	1.656	2.647	4.2	21.0
10 8	23 28.00	− 1 37.3	1.701	2.650	8.4	21.3
10 18	23 22.41	− 2 9.3	1.770	2.653	12.2	21.5
10 28	23 19.13	− 2 28.2	1.860	2.656	15.4	21.7

481002 2004 GR_{25} 9 18.3 258°.08 2°.9/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 2.11	+10 13.6	2.088	2.942	12.6	21.6
8 29	23 57.31	+ 9 35.7	2.005	2.931	9.5	21.4
9 8	23 51.00	+ 8 39.4	1.947	2.921	6.2	21.2
9 18	23 43.77	+ 7 27.6	1.914	2.910	3.2	20.9
9 28	23 36.42	+ 6 5.8	1.910	2.899	3.9	21.0
10 8	23 29.81	+ 4 41.1	1.934	2.888	7.2	21.2
10 18	23 24.65	+ 3 20.6	1.985	2.877	10.6	21.4
10 28	23 21.47	+ 2 10.6	2.059	2.866	13.7	21.5

515350 2013 CY_{9} 9 18.3 286°.14 2°.1/16.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 2.92	− 4 34.3	1.813	2.719	11.7	21.6
8 29	23 58.02	− 5 38.6	1.745	2.708	8.0	21.3
9 8	23 51.41	− 6 50.8	1.701	2.696	4.2	21.1
9 18	23 43.78	− 8 4.3	1.684	2.685	2.3	20.9
9 28	23 36.06	− 9 11.5	1.694	2.674	5.7	21.1
10 8	23 29.21	−10 5.7	1.731	2.662	9.7	21.4
10 18	23 24.02	−10 42.4	1.792	2.651	13.3	21.6
10 28	23 21.04	−10 59.6	1.873	2.640	16.3	21.7

359363 2009 UR_{105} 9 18.3 298°.64 0°.0/18.3 13 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	23 57.36	− 0 27.7	4.114	4.993	6.3	21.6
8 29	23 53.41	− 0 46.4	4.033	4.982	4.4	21.4
9 8	23 48.77	− 1 9.5	3.979	4.971	2.3	21.2
9 18	23 43.72	− 1 35.1	3.955	4.960	0.1	21.0
9 28	23 38.63	− 2 0.8	3.961	4.949	2.2	21.2
10 8	23 33.89	− 2 24.4	3.997	4.938	4.3	21.4
10 18	23 29.83	− 2 43.9	4.060	4.927	6.3	21.5
10 28	23 26.74	− 2 57.6	4.149	4.917	8.0	21.6

22011 1999 XR_{81} 9 18.3 257°.00 7°.6/ 7.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 4.73	−26 53.9	2.478	3.367	9.6	18.9
8 29	23 58.99	−28 10.3	2.428	3.353	8.1	18.8
9 8	23 51.81	−29 16.2	2.402	3.338	7.6	18.8
9 18	23 43.80	−30 5.5	2.403	3.323	8.2	18.8
9 28	23 35.77	−30 33.3	2.430	3.308	9.8	18.9
10 8	23 28.53	−30 37.6	2.481	3.292	11.7	19.0
10 18	23 22.73	−30 19.0	2.552	3.277	13.6	19.1
10 28	23 18.86	−29 39.4	2.641	3.261	15.2	19.2

255454 2005 YP_{47} 9 18.3 290°.87 1°.8/16.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 3.20	− 5 18.8	2.097	2.998	10.5	20.4
8 29	23 58.04	− 6 0.1	2.024	2.984	7.3	20.1
9 8	23 51.37	− 6 46.8	1.976	2.971	3.8	19.9
9 18	23 43.80	− 7 34.0	1.955	2.957	1.9	19.7
9 28	23 36.13	− 8 16.1	1.963	2.943	5.0	19.9
10 8	23 29.22	− 8 48.2	1.998	2.930	8.6	20.1
10 18	23 23.76	− 9 7.0	2.058	2.916	11.9	20.3
10 28	23 20.29	− 9 10.7	2.139	2.903	14.6	20.5

73792 1995 DB_{6} 9 18.3 203°.43 0°.5/17.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 3.84	− 1 0.2	2.411	3.297	10.0	20.7
8 29	23 58.29	− 1 46.2	2.339	3.292	6.9	20.5
9 8	23 51.42	− 2 40.2	2.294	3.287	3.5	20.3
9 18	23 43.80	− 3 37.7	2.277	3.282	0.5	20.1
9 28	23 36.14	− 4 33.9	2.290	3.276	3.8	20.3
10 8	23 29.16	− 5 23.6	2.332	3.269	7.2	20.5
10 18	23 23.48	− 6 3.1	2.400	3.262	10.2	20.7
10 28	23 19.56	− 6 29.8	2.491	3.254	12.8	20.9

24090 1999 UY_{8} 9 18.3 73°.18 2°.6/20.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 5.41	+ 7 48.7	1.365	2.246	16.3	18.4
8 29	23 59.96	+ 7 6.9	1.316	2.259	12.0	18.2
9 8	23 52.45	+ 6 3.0	1.288	2.272	7.2	18.0
9 18	23 43.83	+ 4 42.7	1.284	2.285	2.9	17.7
9 28	23 35.35	+ 3 15.0	1.306	2.298	4.7	17.9
10 8	23 28.19	+ 1 50.3	1.354	2.311	9.3	18.2
10 18	23 23.24	+ 0 37.4	1.426	2.324	13.6	18.5
10 28	23 21.00	− 0 17.9	1.518	2.337	17.2	18.8

195148 2002 CM_{202} 9 18.3 115°.81 0°.8/17.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 6.63	− 1 49.2	1.796	2.691	12.4	21.1
8 29	0 0.44	− 2 27.8	1.745	2.702	8.5	20.9
9 8	23 52.58	− 3 14.7	1.718	2.712	4.3	20.6
9 18	23 43.84	− 4 4.6	1.717	2.722	0.8	20.4
9 28	23 35.20	− 4 51.2	1.745	2.731	4.7	20.7
10 8	23 27.63	− 5 29.0	1.800	2.741	8.7	21.0
10 18	23 21.85	− 5 54.1	1.880	2.750	12.3	21.2
10 28	23 18.35	− 6 4.3	1.981	2.759	15.2	21.4

423889 2006 SG_{37} 9 18.3 71°.80 1°.5/19.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 8.40	+ 4 7.7	1.315	2.205	16.2	21.1
8 29	0 1.98	+ 3 40.3	1.274	2.225	11.6	20.9
9 8	23 53.45	+ 2 55.7	1.256	2.245	6.5	20.6
9 18	23 43.86	+ 1 59.6	1.262	2.265	1.7	20.4
9 28	23 34.54	+ 1 0.1	1.294	2.285	4.8	20.7
10 8	23 26.72	+ 0 5.7	1.351	2.305	9.6	21.0
10 18	23 21.27	− 0 36.9	1.431	2.325	13.9	21.3
10 28	23 18.65	− 1 3.7	1.532	2.344	17.4	21.6

373685 2002 RB_{20} 9 18.3 336°.05 2°.6/16.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 8.02	− 6 33.3	1.143	2.063	15.8	19.6
8 29	0 2.32	− 6 44.7	1.083	2.051	11.0	19.3
9 8	23 53.92	− 7 1.2	1.044	2.041	5.8	19.0
9 18	23 43.88	− 7 16.3	1.028	2.031	2.7	18.8
9 28	23 33.73	− 7 22.6	1.036	2.022	7.2	19.0
10 8	23 25.05	− 7 14.5	1.067	2.014	12.5	19.3
10 18	23 19.03	− 6 49.4	1.119	2.007	17.4	19.6
10 28	23 16.39	− 6 6.7	1.188	2.001	21.4	19.8

9338 1991 FL_{4} 9 18.3 49°.51 0°.8/19.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 0.72	+ 4 53.5	1.865	2.747	12.6	16.7
8 29	23 56.27	+ 3 41.8	1.817	2.765	8.9	16.5
9 8	23 50.39	+ 2 15.6	1.794	2.783	4.9	16.3
9 18	23 43.78	+ 0 41.0	1.798	2.802	0.9	16.1
9 28	23 37.29	− 0 54.1	1.830	2.821	3.8	16.3
10 8	23 31.73	− 2 21.9	1.890	2.839	7.7	16.6
10 18	23 27.73	− 3 36.4	1.975	2.859	11.1	16.9
10 28	23 25.69	− 4 33.5	2.083	2.878	14.0	17.1

141724 2002 LG_{21} 9 18.3 45°.69 6°.7/13.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 6.63	−12 43.0	1.064	1.994	15.8	19.0
8 29	0 0.95	−14 14.0	1.044	2.014	11.1	18.8
9 8	23 52.94	−15 40.2	1.045	2.035	7.4	18.7
9 18	23 43.86	−16 49.6	1.069	2.056	7.2	18.7
9 28	23 35.24	−17 32.7	1.116	2.078	10.5	19.0
10 8	23 28.43	−17 45.4	1.185	2.101	14.5	19.3
10 18	23 24.28	−17 29.2	1.273	2.124	18.1	19.6
10 28	23 23.14	−16 47.6	1.377	2.147	21.0	19.9

446649 2015 MK_{129} 9 18.3 96°.39 0°.2/18.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 6.84	− 0 3.5	1.893	2.781	12.2	21.0
8 29	0 0.57	− 0 16.3	1.834	2.786	8.5	20.8
9 8	23 52.66	− 0 38.1	1.800	2.792	4.5	20.6
9 18	23 43.86	− 1 5.1	1.792	2.797	0.3	20.3
9 28	23 35.10	− 1 32.5	1.813	2.802	4.1	20.6
10 8	23 27.32	− 1 55.5	1.862	2.808	8.1	20.9
10 18	23 21.26	− 2 10.4	1.935	2.813	11.6	21.1
10 28	23 17.43	− 2 14.4	2.031	2.818	14.5	21.3

436576 2011 HR_{79} 9 18.3 59°.01 3°.0/15.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 4.69	− 5 55.1	1.480	2.393	13.3	21.3
8 29	23 59.30	− 7 6.2	1.440	2.406	9.1	21.1
9 8	23 52.05	− 8 23.0	1.422	2.418	4.8	20.9
9 18	23 43.84	− 9 36.9	1.431	2.431	3.2	20.8
9 28	23 35.80	−10 39.3	1.466	2.443	6.7	21.1
10 8	23 29.00	−11 23.8	1.526	2.456	10.8	21.3
10 18	23 24.23	−11 47.4	1.609	2.470	14.5	21.6
10 28	23 21.97	−11 49.5	1.711	2.483	17.4	21.9

166367 2002 LF_{26} 9 18.3 105°.08 1°.4/16.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 5.49	− 2 56.0	1.859	2.757	11.9	20.8
8 29	23 59.58	− 3 49.5	1.812	2.771	8.1	20.6
9 8	23 52.11	− 4 50.2	1.790	2.785	4.1	20.4
9 18	23 43.85	− 5 52.0	1.796	2.799	1.4	20.2
9 28	23 35.72	− 6 48.4	1.830	2.813	4.9	20.5
10 8	23 28.61	− 7 33.8	1.891	2.826	8.7	20.7
10 18	23 23.22	− 8 4.5	1.976	2.839	12.1	21.0
10 28	23 19.98	− 8 19.0	2.083	2.852	14.8	21.2

470027 2006 RC_{103} 9 18.3 336°.08 0°.4/24.5 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	23 46.12	+13 34.6	35.955	36.755	1.0	21.7
8 29	23 45.35	+13 32.3	35.870	36.753	0.8	21.6
9 8	23 44.52	+13 28.9	35.810	36.751	0.6	21.6
9 18	23 43.65	+13 24.6	35.778	36.749	0.4	21.6
9 28	23 42.79	+13 19.6	35.775	36.746	0.4	21.6
10 8	23 41.95	+13 14.0	35.801	36.744	0.5	21.6
10 18	23 41.18	+13 8.1	35.854	36.742	0.7	21.6
10 28	23 40.50	+13 2.1	35.935	36.740	0.9	21.6

82671 2001 PG_{21} 9 18.3 10°.69 2°.0/16.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 5.85	− 5 42.1	1.756	2.661	12.1	19.1
8 29	24 0.00	− 6 12.4	1.700	2.661	8.3	18.9
9 8	23 52.41	− 6 47.4	1.667	2.662	4.3	18.6
9 18	23 43.87	− 7 21.9	1.661	2.663	2.1	18.5
9 28	23 35.37	− 7 50.0	1.682	2.664	5.4	18.7
10 8	23 27.90	− 8 7.1	1.730	2.665	9.4	18.9
10 18	23 22.23	− 8 10.4	1.802	2.667	12.9	19.2
10 28	23 18.88	− 7 58.6	1.894	2.669	15.9	19.4

212098 2005 EL_{139} 9 18.3 111°.00 1°.6/16.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 5.23	− 4 21.3	1.859	2.760	11.7	20.5
8 29	23 59.49	− 5 2.5	1.802	2.763	8.0	20.3
9 8	23 52.13	− 5 49.7	1.771	2.766	4.1	20.0
9 18	23 43.88	− 6 37.6	1.766	2.769	1.7	19.9
9 28	23 35.67	− 7 20.1	1.789	2.772	5.1	20.1
10 8	23 28.43	− 7 51.9	1.839	2.774	8.9	20.3
10 18	23 22.88	− 8 9.9	1.914	2.777	12.4	20.6
10 28	23 19.53	− 8 12.3	2.009	2.780	15.2	20.8

221773 2007 GZ_{69} 9 18.3 347.°45 1.°1/19.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 0.66	+ 5 3.1	2.100	2.978	11.6	20.5
8 29	23 56.24	+ 4 10.5	2.032	2.976	8.3	20.3
9 8	23 50.43	+ 3 4.0	1.988	2.975	4.7	20.1
9 18	23 43.83	+ 1 47.8	1.971	2.974	1.2	19.8
9 28	23 37.21	+ 0 28.2	1.982	2.973	3.5	20.0
10 8	23 31.34	− 0 48.1	2.022	2.973	7.2	20.2
10 18	23 26.86	− 1 55.2	2.088	2.972	10.6	20.4
10 28	23 24.25	− 2 48.6	2.176	2.971	13.4	20.6

517984 2015 UL_{21} 9 18.3 238.°66 6.°9/10.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 8.98	−24 45.2	2.380	3.268	10.0	21.1
8 29	0 1.87	−25 25.5	2.330	3.263	8.1	21.0
9 8	23 53.28	−25 55.2	2.306	3.257	7.0	20.9
9 18	23 43.93	−26 9.0	2.309	3.251	7.3	20.9
9 28	23 34.68	−26 3.2	2.338	3.245	8.9	21.0
10 8	23 26.38	−25 36.8	2.394	3.239	11.0	21.1
10 18	23 19.69	−24 50.8	2.472	3.233	13.1	21.3
10 28	23 15.08	−23 47.8	2.569	3.227	14.9	21.4

319983 2007 CL_{54} 9 18.3 53.°14 3.°3/21.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 8.00	+ 7 49.4	1.968	2.825	13.1	19.7
8 29	0 1.34	+ 8 14.6	1.911	2.838	9.8	19.5
9 8	23 53.07	+ 8 25.9	1.878	2.852	6.4	19.3
9 18	23 43.92	+ 8 24.3	1.871	2.865	3.6	19.2
9 28	23 34.84	+ 8 12.8	1.893	2.879	4.3	19.3
10 8	23 26.74	+ 7 55.9	1.942	2.893	7.4	19.5
10 18	23 20.35	+ 7 38.3	2.018	2.907	10.6	19.7
10 28	23 16.18	+ 7 24.5	2.116	2.921	13.4	19.9

511916 2015 HR_{94} 9 18.3 50.°78 3.°8/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 5.65	− 8 43.6	1.462	2.377	13.3	20.4
8 29	0 0.01	− 9 46.1	1.422	2.389	9.1	20.2
9 8	23 52.45	−10 50.8	1.406	2.400	5.2	20.0
9 18	23 43.92	−11 49.5	1.416	2.412	4.1	19.9
9 28	23 35.58	−12 34.4	1.451	2.424	7.4	20.2
10 8	23 28.53	−13 0.1	1.511	2.436	11.3	20.4
10 18	23 23.57	−13 4.9	1.593	2.448	14.9	20.7
10 28	23 21.18	−12 49.1	1.694	2.461	17.8	20.9

301496 2009 EC_{18} 9 18.3 91.°00 0.°9/19.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 3.83	+ 3 22.5	1.883	2.766	12.5	20.6
8 29	23 58.53	+ 2 46.7	1.822	2.770	8.9	20.4
9 8	23 51.66	+ 1 58.0	1.786	2.775	4.9	20.2
9 18	23 43.90	+ 1 0.6	1.775	2.780	1.1	19.9
9 28	23 36.17	+ 0 0.8	1.793	2.784	3.9	20.1
10 8	23 29.35	− 0 55.1	1.839	2.789	7.8	20.4
10 18	23 24.16	− 1 41.7	1.909	2.793	11.4	20.6
10 28	23 21.09	− 2 15.1	2.002	2.798	14.4	20.9

366319 2013 ER_{1} 9 18.3 29.°66 1.°3/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 3.13	− 3 3.8	1.851	2.753	11.7	20.4
8 29	23 58.06	− 3 52.0	1.795	2.756	8.0	20.2
9 8	23 51.41	− 4 47.7	1.764	2.759	4.1	20.0
9 18	23 43.90	− 5 45.3	1.759	2.762	1.4	19.8
9 28	23 36.42	− 6 38.3	1.782	2.765	4.9	20.1
10 8	23 29.87	− 7 21.0	1.831	2.769	8.8	20.3
10 18	23 24.95	− 7 49.6	1.905	2.773	12.2	20.5
10 28	23 22.14	− 8 1.9	2.000	2.777	15.1	20.8

435073 2007 AG_{30} 9 18.3 258.°46 1.°8/19.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 6.39	+ 4 56.0	1.650	2.530	14.1	22.2
8 29	0 0.68	+ 4 33.9	1.573	2.518	10.3	21.9
9 8	23 52.95	+ 3 55.3	1.519	2.505	6.0	21.7
9 18	23 43.95	+ 3 3.8	1.490	2.493	2.0	21.4
9 28	23 34.77	+ 2 5.6	1.489	2.480	4.4	21.5
10 8	23 26.54	+ 1 8.1	1.514	2.467	8.9	21.8
10 18	23 20.21	+ 0 18.3	1.564	2.454	13.1	22.0
10 28	23 16.44	− 0 18.3	1.634	2.440	16.7	22.2

474657 2004 YB_{13} 9 18.3 3.°33 15.°7/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 1.47	+24 52.3	0.973	1.808	24.9	19.4
8 29	23 58.26	+27 8.0	0.924	1.805	22.1	19.2
9 8	23 52.08	+28 44.1	0.890	1.804	19.2	19.0
9 18	23 43.92	+29 31.8	0.872	1.807	16.9	18.9
9 28	23 35.49	+29 28.7	0.871	1.812	15.7	18.8
10 8	23 28.64	+28 41.4	0.887	1.820	16.2	18.9
10 18	23 24.79	+27 23.1	0.922	1.830	18.1	19.1
10 28	23 24.77	+25 50.5	0.973	1.843	20.6	19.3

118355 1999 CA_{154} 9 18.3 212.°49 0.°3/18.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 5.07	+ 2 30.3	1.966	2.847	12.1	20.5
8 29	23 59.44	+ 1 37.3	1.892	2.841	8.5	20.2
9 8	23 52.17	+ 0 31.1	1.844	2.835	4.6	20.0
9 18	23 43.93	− 0 43.4	1.823	2.827	0.4	19.7
9 28	23 35.61	− 1 59.4	1.830	2.820	4.0	19.9
10 8	23 28.11	− 3 9.9	1.866	2.811	8.1	20.2
10 18	23 22.21	− 4 9.1	1.928	2.802	11.8	20.4
10 28	23 18.45	− 4 52.8	2.012	2.793	14.9	20.6

249373 2009 BY_{1} 9 18.3 168.°15 3.°3/20.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 9.41	+ 8 12.3	1.536	2.404	15.6	20.7
8 29	0 2.78	+ 8 3.9	1.472	2.407	11.7	20.5
9 8	23 54.01	+ 7 35.7	1.431	2.410	7.3	20.2
9 18	23 43.99	+ 6 50.7	1.414	2.412	3.6	20.0
9 28	23 33.93	+ 5 54.8	1.424	2.414	4.9	20.1
10 8	23 25.07	+ 4 55.9	1.461	2.415	9.1	20.3
10 18	23 18.37	+ 4 1.7	1.522	2.416	13.2	20.6
10 28	23 14.44	+ 3 18.8	1.604	2.416	16.7	20.8

450538 2006 BE_{200} 9 18.3 311.°34 2.°6/20.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 7.16	+ 5 12.6	1.974	2.843	12.6	20.8
8 29	0 1.02	+ 5 36.4	1.888	2.825	9.4	20.6
9 8	23 53.07	+ 5 48.9	1.826	2.807	5.8	20.3
9 18	23 43.96	+ 5 51.0	1.790	2.789	2.8	20.1
9 28	23 34.62	+ 5 45.3	1.783	2.772	4.2	20.1
10 8	23 26.03	+ 5 35.9	1.804	2.755	7.8	20.3
10 18	23 19.07	+ 5 26.9	1.850	2.739	11.5	20.5
10 28	23 14.37	+ 5 22.7	1.918	2.722	14.7	20.7

311118 2004 OQ 9 18.3 55.°23 4.°7/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 6.23	+12 18.2	1.862	2.706	14.3	20.1
8 29	0 0.19	+12 33.9	1.809	2.723	11.1	20.0
9 8	23 52.51	+12 30.7	1.778	2.741	7.7	19.8
9 18	23 43.95	+12 10.1	1.773	2.758	5.1	19.7
9 28	23 35.48	+11 35.6	1.794	2.776	5.1	19.7
10 8	23 28.04	+10 53.2	1.843	2.795	7.7	19.9
10 18	23 22.36	+10 9.2	1.917	2.813	10.8	20.1
10 28	23 18.92	+ 9 29.6	2.014	2.831	13.6	20.4

479846 2014 GS_{18} 9 18.3 267.°80 3.°2/15.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 5.14	− 7 53.4	1.815	2.722	11.6	21.6
8 29	23 59.66	− 8 56.8	1.743	2.706	8.0	21.3
9 8	23 52.36	−10 5.1	1.696	2.690	4.5	21.1
9 18	23 43.95	−11 11.4	1.676	2.673	3.5	21.0
9 28	23 35.40	−12 8.1	1.684	2.656	6.6	21.2
10 8	23 27.72	−12 49.1	1.718	2.639	10.4	21.3
10 18	23 21.76	−13 10.9	1.775	2.621	14.0	21.5
10 28	23 18.14	−13 12.5	1.852	2.604	17.0	21.7

174799 2003 WX_{156} 9 18.3 309.°76 4.°4/14.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 5.44	− 8 18.8	1.249	2.171	14.6	19.7
8 29	0 0.41	− 9 28.9	1.189	2.158	10.2	19.4
9 8	23 52.93	−10 45.2	1.151	2.145	5.8	19.1
9 18	23 43.97	−11 57.7	1.137	2.133	4.7	19.0
9 28	23 34.87	−12 55.5	1.147	2.122	8.6	19.2
10 8	23 27.07	−13 30.7	1.181	2.110	13.3	19.5
10 18	23 21.66	−13 39.7	1.235	2.099	17.7	19.7
10 28	23 19.32	−13 22.5	1.305	2.089	21.3	19.9

309581 2008 AG_{95} 9 18.3 333.°95 2.°2/16.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 2.08	− 4 25.4	1.461	2.376	13.3	20.0
8 29	23 57.77	− 5 17.1	1.395	2.362	9.2	19.7
9 8	23 51.46	− 6 18.0	1.352	2.349	4.8	19.4
9 18	23 43.92	− 7 20.8	1.334	2.336	2.4	19.2
9 28	23 36.27	− 8 17.0	1.341	2.325	6.3	19.5
10 8	23 29.65	− 8 59.2	1.373	2.314	10.9	19.7
10 18	23 25.00	− 9 22.5	1.427	2.304	15.0	19.9
10 28	23 22.94	− 9 24.7	1.500	2.295	18.5	20.1

372894 2011 AD_{26} 9 18.3 307.°61 0.°2/18.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 7.41	− 0 3.2	1.307	2.211	15.4	21.0
8 29	0 1.77	− 0 16.0	1.238	2.197	11.0	20.7
9 8	23 53.66	− 0 41.9	1.190	2.184	5.8	20.3
9 18	23 44.00	− 1 16.1	1.166	2.171	0.3	19.9
9 28	23 34.11	− 1 51.8	1.167	2.158	5.4	20.2
10 8	23 25.43	− 2 21.2	1.193	2.146	10.8	20.5
10 18	23 19.10	− 2 38.6	1.241	2.134	15.6	20.8
10 28	23 15.87	− 2 39.9	1.308	2.122	19.7	21.0

174334 2002 TH_{160} 9 18.3 251.°94 7.°2/10.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 5.96	−21 20.9	2.018	2.922	10.8	19.9
8 29	0 0.07	−22 38.0	1.967	2.912	8.5	19.8
9 8	23 52.49	−23 47.3	1.940	2.903	7.2	19.7
9 18	23 43.96	−24 41.0	1.940	2.893	7.7	19.7
9 28	23 35.42	−25 13.2	1.966	2.882	9.8	19.8
10 8	23 27.84	−25 21.0	2.016	2.872	12.3	19.9
10 18	23 21.95	−25 4.5	2.087	2.861	14.7	20.1
10 28	23 18.30	−24 25.9	2.176	2.850	16.8	20.3

131015 2000 XV_{15} 9 18.3 83.°93 5.°1/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 9.37	+11 35.5	1.687	2.535	15.4	18.9
8 29	0 2.66	+12 7.2	1.621	2.539	12.0	18.7
9 8	23 53.93	+12 19.7	1.578	2.543	8.4	18.5
9 18	23 44.01	+12 13.1	1.560	2.547	5.5	18.3
9 28	23 34.02	+11 50.5	1.569	2.551	5.8	18.4
10 8	23 25.13	+11 17.5	1.604	2.555	8.7	18.6
10 18	23 18.24	+10 41.0	1.664	2.559	12.2	18.8
10 28	23 13.98	+10 7.7	1.746	2.563	15.4	19.0

405794 2006 AS_{84} 9 18.3 292°.91 3°.0/15.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 5.55	− 9 26.2	2.095	2.998	10.4	21.0
8 29	23 59.79	−10 0.2	2.015	2.976	7.3	20.7
9 8	23 52.38	−10 35.9	1.961	2.953	4.2	20.5
9 18	23 43.96	−11 8.4	1.934	2.930	3.2	20.4
9 28	23 35.39	−11 32.5	1.935	2.907	5.9	20.5
10 8	23 27.56	−11 43.8	1.964	2.885	9.3	20.7
10 18	23 21.25	−11 40.2	2.016	2.862	12.6	20.9
10 28	23 17.03	−11 21.0	2.090	2.839	15.4	21.0

21211 1994 PP_{36} 9 18.3 262°.63 2°.3/20.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 5.08	+ 6 19.1	2.132	2.996	11.9	18.5
8 29	23 59.35	+ 6 17.8	2.059	2.994	8.8	18.3
9 8	23 52.10	+ 6 3.8	2.010	2.991	5.4	18.1
9 18	23 43.96	+ 5 39.0	1.989	2.988	2.5	17.9
9 28	23 35.75	+ 5 7.2	1.995	2.985	3.7	18.0
10 8	23 28.32	+ 4 33.3	2.030	2.982	7.1	18.2
10 18	23 22.38	+ 4 1.9	2.091	2.979	10.4	18.4
10 28	23 18.45	+ 3 37.5	2.175	2.976	13.3	18.6

231623 2009 SR_{207} 9 18.3 286°.10 2°.1/22.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	23 56.11	+11 49.4	4.233	5.059	7.2	20.1
8 29	23 52.60	+11 21.6	4.145	5.051	5.6	20.0
9 8	23 48.42	+10 44.4	4.083	5.044	3.8	19.8
9 18	23 43.86	+ 9 59.1	4.049	5.036	2.4	19.7
9 28	23 39.26	+ 9 8.2	4.045	5.029	2.4	19.7
10 8	23 35.00	+ 8 14.3	4.071	5.021	3.9	19.8
10 18	23 31.39	+ 7 20.5	4.125	5.014	5.7	19.9
10 28	23 28.72	+ 6 29.7	4.207	5.007	7.4	20.1

357736 2005 RJ_{40} 9 18.3 45°.18 2°.2/20.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 7.60	+ 4 35.0	1.837	2.711	13.1	20.3
8 29	0 1.20	+ 4 48.1	1.777	2.718	9.6	20.1
9 8	23 53.08	+ 4 48.7	1.741	2.725	5.7	19.8
9 18	23 44.00	+ 4 38.9	1.731	2.732	2.4	19.6
9 28	23 34.96	+ 4 22.6	1.750	2.740	4.0	19.8
10 8	23 26.92	+ 4 4.4	1.795	2.747	7.8	20.0
10 18	23 20.67	+ 3 48.9	1.866	2.755	11.4	20.3
10 28	23 16.73	+ 3 40.2	1.959	2.763	14.4	20.5

479808 2014 FL_{31} 9 18.3 220°.00 0°.6/17.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 8.65	− 2 41.8	2.018	2.906	11.5	21.2
8 29	0 1.90	− 2 56.3	1.947	2.900	8.0	21.0
9 8	23 53.46	− 3 17.3	1.901	2.894	4.1	20.8
9 18	23 44.03	− 3 40.9	1.882	2.887	0.6	20.5
9 28	23 34.54	− 4 2.7	1.893	2.880	4.3	20.8
10 8	23 25.93	− 4 18.3	1.932	2.872	8.3	21.0
10 18	23 18.98	− 4 24.5	1.997	2.864	11.8	21.2
10 28	23 14.24	− 4 19.2	2.084	2.856	14.7	21.4

260199 2004 RQ_{168} 9 18.3 74°.05 2°.4/20.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 5.27	+ 6 38.4	2.081	2.945	12.2	20.4
8 29	23 59.42	+ 6 36.3	2.021	2.955	9.0	20.2
9 8	23 52.11	+ 6 21.0	1.985	2.965	5.6	20.0
9 18	23 43.98	+ 5 54.8	1.976	2.974	2.6	19.8
9 28	23 35.90	+ 5 21.7	1.995	2.984	3.7	19.9
10 8	23 28.68	+ 4 46.7	2.042	2.994	7.0	20.2
10 18	23 23.01	+ 4 14.5	2.115	3.004	10.2	20.4
10 28	23 19.35	+ 3 49.4	2.211	3.013	13.0	20.6

292009 2006 QO_{129} 9 18.3 81°.64 1°.5/17.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 13.09	− 3 58.5	1.384	2.284	14.9	19.8
8 29	0 5.07	− 4 26.1	1.353	2.312	10.2	19.6
9 8	23 55.02	− 5 0.3	1.345	2.340	5.2	19.4
9 18	23 44.08	− 5 34.6	1.363	2.367	1.6	19.2
9 28	23 33.58	− 6 2.4	1.408	2.393	5.7	19.6
10 8	23 24.73	− 6 18.6	1.479	2.419	10.3	19.9
10 18	23 18.34	− 6 20.6	1.574	2.445	14.2	20.2
10 28	23 14.80	− 6 7.7	1.688	2.470	17.3	20.5

431658 2008 CR_{21} 9 18.3 229°.15 2°.0/16.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 9.23	− 4 57.3	1.716	2.615	12.6	21.8
8 29	0 2.58	− 5 38.7	1.646	2.605	8.8	21.6
9 8	23 53.92	− 6 26.9	1.600	2.594	4.5	21.3
9 18	23 44.05	− 7 15.9	1.581	2.583	2.1	21.1
9 28	23 34.07	− 7 58.7	1.590	2.571	5.8	21.3
10 8	23 25.09	− 8 29.6	1.625	2.558	10.1	21.5
10 18	23 18.05	− 8 44.7	1.685	2.545	14.0	21.8
10 28	23 13.57	− 8 42.5	1.765	2.531	17.2	22.0

73289 2002 JW_{64} 9 18.3 37°.54 3°.2/22.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 0.84	+10 56.4	1.886	2.744	13.6	18.5
8 29	23 56.45	+10 19.0	1.830	2.757	10.3	18.3
9 8	23 50.59	+ 9 22.3	1.796	2.769	6.7	18.1
9 18	23 43.94	+ 8 10.1	1.788	2.783	3.6	17.9
9 28	23 37.36	+ 6 48.7	1.807	2.797	4.0	18.0
10 8	23 31.67	+ 5 25.7	1.854	2.811	7.2	18.2
10 18	23 27.54	+ 4 8.3	1.926	2.825	10.6	18.4
10 28	23 25.42	+ 3 2.5	2.022	2.840	13.5	18.7

360123 2013 CT_{27} 9 18.3 116°.43 1°.6/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 4.51	+ 4 50.2	1.942	2.818	12.5	21.2
8 29	23 59.03	+ 4 29.8	1.877	2.819	9.1	21.0
9 8	23 51.97	+ 3 56.1	1.835	2.820	5.3	20.8
9 18	23 43.99	+ 3 12.2	1.819	2.821	1.8	20.6
9 28	23 36.00	+ 2 23.4	1.832	2.823	3.8	20.7
10 8	23 28.88	+ 1 35.6	1.872	2.824	7.6	21.0
10 18	23 23.36	+ 0 54.0	1.937	2.825	11.1	21.2
10 28	23 19.96	+ 0 23.1	2.025	2.826	14.1	21.4

308987 2006 UX_{10} 9 18.3 55°.91 3°.7/15.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 6.59	−10 37.0	1.778	2.687	11.7	20.6
8 29	0 0.46	−11 17.0	1.734	2.696	8.1	20.4
9 8	23 52.66	−11 56.8	1.714	2.705	4.8	20.2
9 18	23 44.01	−12 30.3	1.720	2.714	3.9	20.2
9 28	23 35.51	−12 52.0	1.754	2.723	6.6	20.4
10 8	23 28.11	−12 58.3	1.813	2.733	10.1	20.6
10 18	23 22.55	−12 47.9	1.896	2.742	13.3	20.9
10 28	23 19.27	−12 21.3	1.999	2.752	15.9	21.1

36240 1999 VN_{44} 9 18.3 96°.38 1°.9/17.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 18.08	− 8 1.4	1.788	2.676	12.8	17.9
8 29	0 8.34	− 7 43.0	1.739	2.692	8.9	17.7
9 8	23 56.70	− 7 25.0	1.715	2.707	4.6	17.4
9 18	23 44.14	− 7 4.1	1.721	2.723	1.9	17.3
9 28	23 31.88	− 6 37.5	1.756	2.738	5.3	17.5
10 8	23 21.05	− 6 3.6	1.821	2.753	9.2	17.8
10 18	23 12.45	− 5 21.9	1.912	2.768	12.8	18.1
10 28	23 6.56	− 4 32.4	2.025	2.782	15.6	18.3

328037 2007 LX_{7} 9 18.3 240°.81 5°.3/26.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 1.73	+22 4.7	2.870	3.638	11.7	22.0
8 29	23 56.86	+21 41.1	2.770	3.623	9.8	21.8
9 8	23 50.78	+20 57.6	2.692	3.608	7.7	21.7
9 18	23 43.96	+19 54.6	2.640	3.592	6.0	21.6
9 28	23 37.04	+18 34.8	2.616	3.576	5.4	21.5
10 8	23 30.66	+17 3.0	2.621	3.560	6.4	21.5
10 18	23 25.39	+15 25.4	2.654	3.543	8.4	21.6
10 28	23 21.70	+13 48.4	2.714	3.526	10.6	21.8

216502 2000 GC_{41} 9 18.3 199°.05 2°.0/16.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 6.97	− 6 27.7	2.096	2.993	10.7	20.7
8 29	0 0.64	− 6 57.0	2.033	2.991	7.4	20.5
9 8	23 52.76	− 7 29.9	1.995	2.989	3.9	20.2
9 18	23 44.03	− 8 1.6	1.986	2.987	2.1	20.1
9 28	23 35.30	− 8 27.2	2.005	2.984	5.0	20.3
10 8	23 27.44	− 8 42.9	2.052	2.981	8.5	20.5
10 18	23 21.16	− 8 46.2	2.124	2.978	11.7	20.7
10 28	23 16.95	− 8 36.0	2.218	2.975	14.4	20.9

317294 2002 GN_{60} 9 18.3 48°.00 2°.8/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 1.19	+ 9 57.0	1.971	2.830	13.0	20.0
8 29	23 56.65	+ 9 16.3	1.914	2.843	9.7	19.8
9 8	23 50.68	+ 8 17.8	1.880	2.856	6.2	19.6
9 18	23 43.96	+ 7 5.4	1.872	2.869	3.1	19.5
9 28	23 37.30	+ 5 45.2	1.892	2.882	3.8	19.5
10 8	23 31.50	+ 4 24.4	1.940	2.896	7.0	19.8
10 18	23 27.21	+ 3 9.7	2.014	2.910	10.3	20.0
10 28	23 24.87	+ 2 6.7	2.111	2.924	13.2	20.2

445811 2012 BU_{90} 9 18.3 264°.27 1°.9/16.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 2.24	− 4 59.8	2.181	3.082	10.2	21.1
8 29	23 57.36	− 5 58.2	2.114	3.075	7.0	20.9
9 8	23 51.07	− 7 2.4	2.073	3.068	3.6	20.7
9 18	23 43.98	− 8 7.0	2.059	3.060	2.0	20.5
9 28	23 36.83	− 9 6.0	2.074	3.053	4.9	20.7
10 8	23 30.42	− 9 54.2	2.117	3.045	8.4	20.9
10 18	23 25.39	−10 27.9	2.184	3.037	11.5	21.1
10 28	23 22.22	−10 45.4	2.273	3.030	14.1	21.3

73579 6284 $P–L$ 9 18.3 47°.02 0°.4/18.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 4.19	+ 2 27.3	1.394	2.293	15.0	19.2
8 29	23 59.04	+ 1 37.2	1.354	2.311	10.5	18.9
9 8	23 52.00	+ 0 32.1	1.337	2.330	5.5	18.7
9 18	23 44.01	− 0 41.0	1.345	2.349	0.5	18.4
9 28	23 36.23	− 1 53.2	1.378	2.369	4.7	18.8
10 8	23 29.75	− 2 56.2	1.437	2.389	9.4	19.1
10 18	23 25.34	− 3 44.1	1.520	2.410	13.4	19.4
10 28	23 23.47	− 4 13.5	1.623	2.431	16.7	19.7

300468 2007 TP_{107} 9 18.3 341°.02 0°.4/18.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 2.51	+ 2 47.7	1.659	2.551	13.3	20.5
8 29	23 57.86	+ 1 55.7	1.595	2.548	9.5	20.3
9 8	23 51.44	+ 0 48.5	1.554	2.546	5.1	20.0
9 18	23 44.00	− 0 28.2	1.539	2.543	0.6	19.7
9 28	23 36.52	− 1 46.4	1.551	2.541	4.4	20.0
10 8	23 30.01	− 2 58.1	1.589	2.539	8.8	20.2
10 18	23 25.26	− 3 56.7	1.652	2.538	12.8	20.5
10 28	23 22.82	− 4 37.9	1.735	2.536	16.1	20.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
263819 2008 RR_{128}			9 18.3 337°.02		0°.4/19.1 18	
	h m	° ′			°	m
8 19	23 56.79	+ 1 36.1	4.342	5.214	6.2	20.9
8 29	23 53.05	+ 1 16.4	4.270	5.213	4.4	20.7
9 8	23 48.66	+ 0 51.9	4.224	5.212	2.4	20.6
9 18	23 43.92	+ 0 24.3	4.207	5.211	0.4	20.4
9 28	23 39.17	− 0 4.2	4.221	5.210	1.9	20.5
10 8	23 34.75	− 0 31.5	4.264	5.209	3.9	20.7
10 18	23 30.97	− 0 55.6	4.335	5.208	5.8	20.8
10 28	23 28.10	− 1 14.5	4.432	5.207	7.4	21.0
60357 2000 AG_{96}			9 18.3 57°.41		7°.0/24.5 18	
8 19	0 8.42	+17 12.5	1.799	2.617	15.8	18.8
8 29	0 1.99	+17 56.2	1.733	2.622	12.9	18.6
9 8	23 53.62	+18 17.7	1.688	2.628	9.9	18.5
9 18	23 44.08	+18 15.7	1.667	2.634	7.6	18.4
9 28	23 34.45	+17 52.3	1.673	2.640	7.2	18.4
10 8	23 25.84	+17 12.9	1.704	2.646	9.0	18.5
10 18	23 19.14	+16 24.8	1.760	2.652	11.8	18.7
10 28	23 14.96	+15 35.8	1.838	2.658	14.6	18.9
441729 2009 BL_{66}			9 18.3 345°.14		3°.0/20.9 18	
8 19	0 4.69	+ 7 22.2	1.634	2.509	14.5	21.1
8 29	23 59.45	+ 7 16.7	1.567	2.505	10.8	20.8
9 8	23 52.31	+ 6 53.7	1.522	2.503	6.8	20.6
9 18	23 44.04	+ 6 15.7	1.501	2.500	3.3	20.4
9 28	23 35.69	+ 5 27.9	1.507	2.498	4.5	20.5
10 8	23 28.34	+ 4 37.5	1.539	2.496	8.5	20.7
10 18	23 22.87	+ 3 51.2	1.596	2.494	12.4	20.9
10 28	23 19.86	+ 3 14.9	1.674	2.493	15.8	21.2
352331 2007 UY_{139}			9 18.3 75°.90		7°.0/11.4 18	
8 19	0 6.61	−19 53.4	1.809	2.717	11.6	20.1
8 29	0 0.50	−21 4.2	1.774	2.725	8.9	19.9
9 8	23 52.70	−22 6.4	1.764	2.733	7.2	19.8
9 18	23 44.05	−22 52.2	1.779	2.741	7.5	19.9
9 28	23 35.57	−23 16.0	1.820	2.749	9.6	20.0
10 8	23 28.24	−23 15.6	1.885	2.757	12.3	20.2
10 18	23 22.79	−22 51.9	1.972	2.765	14.8	20.4
10 28	23 19.67	−22 7.4	2.076	2.773	17.0	20.6
369061 2008 ER_{25}			9 18.3 276°.30		2°.8/20.4 18	
8 19	0 8.48	+ 5 50.7	1.425	2.306	15.8	21.3
8 29	0 2.39	+ 5 53.0	1.355	2.298	11.7	21.1
9 8	23 53.97	+ 5 37.6	1.306	2.291	7.1	20.8
9 18	23 44.10	+ 5 6.7	1.282	2.283	3.1	20.5
9 28	23 34.05	+ 4 26.0	1.284	2.275	5.0	20.6
10 8	23 25.16	+ 3 43.0	1.311	2.267	9.7	20.9
10 18	23 18.50	+ 3 5.1	1.362	2.260	14.2	21.1
10 28	23 14.79	+ 2 38.2	1.433	2.252	18.0	21.4
146681 2001 VU_{11}			9 18.3 0°.59		9°.3/27.7 18	
8 19	0 2.37	+22 58.2	1.582	2.385	18.3	18.9
8 29	23 58.03	+23 32.9	1.513	2.383	15.6	18.7
9 8	23 51.66	+23 37.5	1.463	2.382	12.7	18.6
9 18	23 44.02	+23 10.0	1.433	2.381	10.3	18.4
9 28	23 36.24	+22 12.7	1.426	2.382	9.3	18.4
10 8	23 29.50	+20 52.7	1.443	2.384	10.4	18.4
10 18	23 24.75	+19 20.2	1.483	2.386	12.9	18.6
10 28	23 22.64	+17 46.1	1.545	2.389	15.7	18.8
337302 2000 YT_{26}			9 18.3 269°.00		5°.3/12.9 18	
8 19	0 5.80	−13 38.0	1.813	2.724	11.4	20.7
8 29	0 0.18	−14 54.7	1.746	2.706	8.2	20.4
9 8	23 52.69	−16 11.1	1.703	2.688	5.7	20.3
9 18	23 44.06	−17 19.2	1.688	2.670	5.8	20.2
9 28	23 35.29	−18 11.2	1.699	2.651	8.4	20.3
10 8	23 27.44	−18 41.6	1.735	2.632	11.8	20.5
10 18	23 21.35	−18 48.6	1.794	2.613	15.1	20.7
10 28	23 17.65	−18 32.5	1.871	2.593	17.8	20.9
392192 2009 SP_{76}			9 18.3 293°.67		1°.3/15.7 16	
8 19	23 56.62	− 7 20.7	4.302	5.198	5.7	21.4
8 29	23 52.94	− 7 55.1	4.236	5.194	3.9	21.3
9 8	23 48.61	− 8 30.9	4.197	5.190	2.1	21.1
9 18	23 43.93	− 9 5.9	4.188	5.186	1.4	21.1
9 28	23 39.24	− 9 37.6	4.209	5.182	2.9	21.2
10 8	23 34.89	−10 3.8	4.259	5.178	4.8	21.3
10 18	23 31.19	−10 23.0	4.336	5.174	6.5	21.4
10 28	23 28.40	−10 34.0	4.437	5.171	8.0	21.6
248592 2006 CP_{41}			9 18.3 165°.25		1°.3/19.7 17	
8 19	0 6.15	+ 4 16.8	2.066	2.938	12.0	21.5
8 29	0 0.09	+ 3 49.3	2.001	2.942	8.6	21.3
9 8	23 52.51	+ 3 9.4	1.960	2.946	4.9	21.1
9 18	23 44.06	+ 2 20.5	1.946	2.949	1.4	20.9
9 28	23 35.62	+ 1 27.8	1.962	2.952	3.6	21.1
10 8	23 28.04	+ 0 37.1	2.006	2.955	7.4	21.3
10 18	23 22.02	− 0 6.5	2.076	2.956	10.8	21.5
10 28	23 18.06	− 0 39.3	2.168	2.958	13.7	21.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
320080 2007 EL_{66}			9 18.3 227°.27		0°.8/17.3 18	
	h m	° ′			°	m
8 19	0 2.15	− 1 53.9	2.502	3.392	9.5	21.9
8 29	23 57.17	− 2 45.7	2.429	3.384	6.6	21.7
9 8	23 50.95	− 3 44.8	2.382	3.376	3.3	21.5
9 18	23 44.01	− 4 46.8	2.363	3.367	0.9	21.2
9 28	23 37.02	− 5 46.6	2.374	3.358	3.8	21.5
10 8	23 30.65	− 6 39.4	2.414	3.349	7.1	21.7
10 18	23 25.48	− 7 21.5	2.480	3.340	10.0	21.8
10 28	23 21.96	− 7 50.2	2.569	3.330	12.5	22.0
291197 2006 AU_{64}			9 18.3 145°.64		0°.6/17.5 18	
8 19	0 2.90	− 2 2.9	2.655	3.541	9.1	22.1
8 29	23 57.55	− 2 39.3	2.595	3.548	6.3	21.9
9 8	23 51.09	− 3 21.4	2.562	3.555	3.2	21.7
9 18	23 44.02	− 4 5.6	2.557	3.562	0.6	21.5
9 28	23 36.98	− 4 47.7	2.582	3.568	3.5	21.8
10 8	23 30.60	− 5 24.0	2.637	3.573	6.5	22.0
10 18	23 25.39	− 5 51.3	2.717	3.579	9.2	22.2
10 28	23 21.76	− 6 7.8	2.822	3.584	11.5	22.3
453726 2011 BU_{8}			9 18.3 353°.70		5°.9/11.2 18	
8 19	0 1.64	−16 51.8	1.982	2.896	10.4	20.5
8 29	23 57.05	−18 16.9	1.936	2.894	7.8	20.3
9 8	23 50.95	−19 37.7	1.915	2.892	6.0	20.2
9 18	23 44.02	−20 46.7	1.921	2.890	6.5	20.2
9 28	23 37.12	−21 37.2	1.953	2.889	8.7	20.3
10 8	23 31.09	−22 5.6	2.010	2.888	11.3	20.5
10 18	23 26.62	−22 10.8	2.089	2.888	13.9	20.7
10 28	23 24.17	−21 54.1	2.186	2.888	16.1	20.9
276478 2003 MK_{10}			9 18.3 20°.33		10°.9/29.1 18	
8 19	23 59.07	+23 35.3	1.022	1.861	23.7	19.0
8 29	23 56.14	+24 0.9	0.983	1.877	20.0	18.8
9 8	23 50.75	+23 42.2	0.960	1.894	16.0	18.7
9 18	23 44.01	+22 39.0	0.953	1.914	12.6	18.6
9 28	23 37.42	+20 58.1	0.967	1.935	10.9	18.5
10 8	23 32.42	+18 54.0	1.002	1.958	11.9	18.7
10 18	23 29.97	+16 43.1	1.059	1.983	14.8	18.9
10 28	23 30.57	+14 40.8	1.135	2.009	18.0	19.2
372866 2010 VP_{216}			9 18.3 134°.52		1°.1/19.2 17	
8 19	0 9.77	+ 2 43.0	1.562	2.447	14.5	21.3
8 29	0 2.94	+ 2 26.1	1.506	2.455	10.3	21.1
9 8	23 54.10	+ 1 55.4	1.473	2.462	5.7	20.9
9 18	23 44.13	+ 1 15.2	1.466	2.470	1.3	20.6
9 28	23 34.24	+ 0 31.8	1.486	2.477	4.5	20.8
10 8	23 25.58	− 0 8.1	1.533	2.483	9.1	21.1
10 18	23 19.03	− 0 39.0	1.604	2.489	13.1	21.4
10 28	23 15.16	− 0 56.9	1.696	2.495	16.5	21.6
110205 2001 SA_{206}			9 18.3 290°.77		1°.9/16.0 18	
8 19	0 2.62	− 6 52.1	2.510	3.409	9.1	19.8
8 29	23 57.45	− 7 27.2	2.448	3.408	6.3	19.6
9 8	23 51.08	− 8 5.0	2.412	3.406	3.3	19.4
9 18	23 44.04	− 8 41.6	2.404	3.404	2.0	19.3
9 28	23 37.00	− 9 12.7	2.426	3.403	4.4	19.5
10 8	23 30.63	− 9 34.8	2.475	3.401	7.4	19.7
10 18	23 25.50	− 9 45.6	2.550	3.399	10.1	19.8
10 28	23 22.02	− 9 43.9	2.647	3.398	12.5	20.0
86888 2000 HB_{30}			9 18.3 196°.13		3°.4/14.6 18	
8 19	0 6.23	− 8 25.5	1.965	2.869	11.0	20.3
8 29	0 0.26	− 9 44.3	1.906	2.866	7.6	20.1
9 8	23 52.65	−11 6.7	1.872	2.863	4.4	19.9
9 18	23 44.09	−12 25.6	1.866	2.859	3.7	19.9
9 28	23 35.52	−13 33.3	1.888	2.855	6.5	20.1
10 8	23 27.84	−14 24.4	1.938	2.850	10.0	20.3
10 18	23 21.81	−14 55.8	2.012	2.844	13.2	20.5
10 28	23 17.95	−15 6.7	2.105	2.837	15.8	20.6
513657 2011 SO_{235}			9 18.3 13°.62		0°.9/17.7 18	
8 19	0 7.77	− 3 53.5	1.385	2.293	14.4	20.3
8 29	0 1.70	− 3 51.1	1.334	2.297	10.0	20.1
9 8	23 53.49	− 3 55.4	1.306	2.302	5.1	19.8
9 18	23 44.13	− 4 1.8	1.303	2.307	0.9	19.5
9 28	23 34.87	− 4 5.0	1.325	2.314	5.4	19.9
10 8	23 26.95	− 4 0.6	1.373	2.321	10.1	20.2
10 18	23 21.28	− 3 45.7	1.443	2.330	14.3	20.4
10 28	23 18.40	− 3 18.6	1.533	2.339	17.7	20.7
493887 2015 XV_{165}			9 18.3 297°.08		0°.4/17.8 18	
8 19	0 0.79	+ 0 47.4	2.188	3.077	10.7	21.4
8 29	23 56.49	− 0 19.1	2.096	3.051	7.5	21.2
9 8	23 50.73	− 1 38.1	2.030	3.024	3.9	20.9
9 18	23 44.04	− 3 4.7	1.992	2.997	0.4	20.6
9 28	23 37.16	− 4 32.2	1.983	2.970	4.1	20.8
10 8	23 30.87	− 5 53.5	2.002	2.943	7.9	21.0
10 18	23 25.88	− 7 2.7	2.047	2.916	11.4	21.2
10 28	23 22.76	− 7 55.5	2.114	2.889	14.5	21.3

164943 1999 XS_{176} 9 18.3 245°.76 0°.7/17.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 6.66	− 2 25.3	2.403	3.288	10.0	21.3
8 29	0 0.45	− 2 56.9	2.315	3.268	7.0	21.1
9 8	23 52.74	− 3 35.3	2.254	3.247	3.6	20.9
9 18	23 44.12	− 4 16.8	2.221	3.225	0.8	20.6
9 28	23 35.32	− 4 56.8	2.218	3.203	4.0	20.8
10 8	23 27.15	− 5 30.7	2.244	3.180	7.5	21.0
10 18	23 20.30	− 5 55.0	2.297	3.156	10.8	21.2
10 28	23 15.33	− 6 7.2	2.372	3.131	13.5	21.3

186989 2004 TX_6 9 18.3 41°.25 5°.4/12.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 4.92	−16 11.7	1.965	2.874	10.7	19.5
8 29	23 59.26	−17 7.5	1.923	2.880	7.8	19.4
9 8	23 52.07	−17 58.6	1.906	2.886	5.7	19.3
9 18	23 44.09	−18 38.5	1.916	2.892	5.7	19.3
9 28	23 36.23	−19 2.0	1.952	2.899	7.9	19.4
10 8	23 29.37	−19 6.2	2.014	2.906	10.7	19.6
10 18	23 24.17	−18 50.9	2.098	2.912	13.3	19.8
10 28	23 21.07	−18 17.5	2.202	2.919	15.6	20.0

173532 2000 WW_{35} 9 18.3 282°.23 5°.4/13.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 6.27	−10 52.2	1.360	2.280	13.8	19.7
8 29	0 0.92	−12 18.3	1.300	2.267	9.8	19.5
9 8	23 53.24	−13 47.8	1.263	2.254	6.2	19.3
9 18	23 44.13	−15 10.0	1.250	2.240	5.9	19.2
9 28	23 34.89	−16 14.1	1.263	2.227	9.4	19.4
10 8	23 26.87	−16 52.7	1.299	2.214	13.6	19.6
10 18	23 21.11	−17 3.0	1.356	2.201	17.6	19.8
10 28	23 18.30	−16 45.8	1.429	2.188	20.9	20.0

317726 2003 QU_{67} 9 18.3 41°.89 2°.9/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 4.55	+ 7 47.3	1.422	2.302	15.9	19.7
8 29	23 59.40	+ 7 26.1	1.372	2.314	11.7	19.5
9 8	23 52.29	+ 6 44.4	1.344	2.326	7.2	19.3
9 18	23 44.10	+ 5 46.6	1.340	2.339	3.3	19.1
9 28	23 36.03	+ 4 40.1	1.361	2.353	4.6	19.2
10 8	23 29.20	+ 3 33.6	1.408	2.367	8.9	19.5
10 18	23 24.45	+ 2 35.0	1.479	2.381	13.0	19.8
10 28	23 22.31	+ 1 50.2	1.571	2.395	16.4	20.1

280139 2002 PV_8 9 18.3 153°.08 6°.4/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 6.35	+19 10.7	2.106	2.905	14.4	20.8
8 29	0 0.36	+19 24.1	2.034	2.910	11.9	20.7
9 8	23 52.72	+19 15.5	1.983	2.914	9.2	20.5
9 18	23 44.13	+18 44.9	1.957	2.919	7.0	20.4
9 28	23 35.46	+17 55.0	1.957	2.923	6.4	20.4
10 8	23 27.66	+16 51.4	1.985	2.926	8.0	20.5
10 18	23 21.47	+15 41.3	2.039	2.930	10.5	20.6
10 28	23 17.43	+14 32.2	2.116	2.933	13.1	20.8

68235 2001 DV_{38} 9 18.3 168°.82 1°.1/16.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 1.62	− 2 33.0	2.432	3.325	9.6	20.0
8 29	23 56.80	− 3 34.8	2.370	3.327	6.6	19.8
9 8	23 50.77	− 4 43.4	2.334	3.328	3.3	19.6
9 18	23 44.06	− 5 53.8	2.327	3.330	1.2	19.4
9 28	23 37.35	− 7 0.6	2.349	3.331	4.1	19.6
10 8	23 31.32	− 7 58.6	2.399	3.332	7.3	19.8
10 18	23 26.52	− 8 44.3	2.476	3.333	10.2	20.0
10 28	23 23.38	− 9 15.3	2.575	3.333	12.6	20.2

424387 2007 XX_{10} 9 18.3 352°.90 2°.1/19.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 2.26	+ 3 47.2	0.923	1.841	18.8	20.0
8 29	23 58.67	+ 3 42.4	0.870	1.833	13.7	19.7
9 8	23 52.27	+ 3 15.1	0.834	1.827	7.9	19.4
9 18	23 44.12	+ 2 30.1	0.819	1.822	2.4	19.0
9 28	23 35.86	+ 1 36.7	0.825	1.819	5.9	19.2
10 8	23 29.16	+ 0 46.1	0.852	1.818	11.9	19.6
10 18	23 25.27	+ 0 8.0	0.899	1.818	17.3	19.9
10 28	23 24.91	− 0 11.1	0.962	1.820	21.8	20.2

357427 2003 YH_{121} 9 18.3 188°.23 5°.4/11.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 4.20	−17 30.3	2.384	3.288	9.3	20.9
8 29	23 58.66	−18 58.2	2.336	3.287	7.0	20.7
9 8	23 51.76	−20 22.0	2.314	3.286	5.5	20.7
9 18	23 44.11	−21 34.9	2.321	3.285	5.9	20.7
9 28	23 36.46	−22 31.2	2.356	3.282	7.9	20.8
10 8	23 29.58	−23 7.4	2.416	3.280	10.2	21.0
10 18	23 24.08	−23 22.7	2.500	3.277	12.5	21.1
10 28	23 20.42	−23 17.7	2.602	3.273	14.4	21.3

299377 2005 UT_{388} 9 18.3 26°.35 1°.0/17.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 9.46	− 2 42.9	0.936	1.858	18.2	20.3
8 29	0 3.51	− 2 55.4	0.895	1.863	12.7	20.1
9 8	23 54.66	− 3 19.6	0.873	1.870	6.5	19.8
9 18	23 44.21	− 3 48.3	0.872	1.877	1.0	19.4
9 28	23 33.97	− 4 12.6	0.895	1.885	6.7	19.8
10 8	23 25.64	− 4 25.0	0.939	1.894	12.6	20.2
10 18	23 20.36	− 4 20.9	1.002	1.903	17.7	20.5
10 28	23 18.71	− 3 58.8	1.083	1.913	21.9	20.8

489405 2006 VY_{20} 9 18.4 214°.56 2°.2/20.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 6.79	+ 6 55.9	1.852	2.718	13.4	22.2
8 29	0 0.82	+ 6 26.9	1.775	2.712	9.9	22.0
9 8	23 53.04	+ 5 41.0	1.722	2.705	6.0	21.7
9 18	23 44.16	+ 4 41.5	1.696	2.697	2.5	21.5
9 28	23 35.16	+ 3 34.2	1.698	2.689	4.1	21.6
10 8	23 27.05	+ 2 26.6	1.728	2.680	8.1	21.8
10 18	23 20.67	+ 1 25.3	1.783	2.670	11.9	22.0
10 28	23 16.61	+ 0 36.0	1.860	2.660	15.2	22.2

252179 2001 DN_{60} 9 18.4 293°.52 0°.7/19.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	23 57.39	+ 3 23.6	4.166	5.032	6.6	20.2
8 29	23 53.53	+ 3 6.9	4.085	5.023	4.7	20.1
9 8	23 48.98	+ 2 44.3	4.030	5.015	2.7	19.9
9 18	23 44.03	+ 2 17.6	4.004	5.007	0.8	19.7
9 28	23 39.04	+ 1 48.9	4.009	4.999	2.0	19.8
10 8	23 34.40	+ 1 20.5	4.043	4.991	4.0	20.0
10 18	23 30.42	+ 0 54.7	4.105	4.982	6.0	20.1
10 28	23 27.39	+ 0 33.5	4.193	4.974	7.7	20.2

385764 2005 YN_{79} 9 18.4 23°.16 11°.7/ 7.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 4.05	−25 25.9	1.243	2.162	14.8	19.8
8 29	23 59.34	−27 36.0	1.223	2.169	12.5	19.7
9 8	23 52.33	−29 26.5	1.225	2.176	11.7	19.6
9 18	23 44.13	−30 44.9	1.249	2.184	12.8	19.7
9 28	23 36.19	−31 23.3	1.295	2.193	15.1	19.9
10 8	23 29.81	−31 20.8	1.359	2.203	17.8	20.1
10 18	23 25.89	−30 41.4	1.440	2.213	20.3	20.3
10 28	23 24.89	−29 31.6	1.535	2.224	22.3	20.5

231716 1999 BT_2 9 18.4 297°.56 12°.5/23.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 16.34	+23 37.9	1.629	2.404	18.9	19.4
8 29	0 8.76	+25 37.0	1.520	2.366	16.7	19.2
9 8	23 57.90	+27 16.0	1.431	2.327	14.5	18.9
9 18	23 44.36	+28 26.4	1.364	2.288	12.8	18.7
9 28	23 29.42	+29 1.4	1.322	2.249	12.7	18.6
10 8	23 14.85	+29 0.8	1.303	2.209	14.3	18.6
10 18	23 2.43	+28 30.4	1.308	2.169	17.1	18.7
10 28	22 53.57	+27 41.6	1.331	2.129	20.3	18.8

210054 2006 PV_{21} 9 18.4 351°.64 0°.3/18.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 4.80	− 0 54.1	1.640	2.540	13.1	19.9
8 29	23 59.49	− 1 20.8	1.579	2.537	9.1	19.6
9 8	23 52.36	− 1 57.6	1.541	2.535	4.7	19.4
9 18	23 44.16	− 2 39.6	1.529	2.533	0.3	19.0
9 28	23 35.94	− 3 20.5	1.543	2.532	4.7	19.4
10 8	23 28.74	− 3 54.1	1.584	2.531	9.1	19.6
10 18	23 23.40	− 4 16.0	1.648	2.531	13.0	19.9
10 28	23 20.46	− 4 23.2	1.733	2.530	16.3	20.1

48064 2001 EL_{16} 9 18.4 121°.84 3°.2/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 8.07	− 7 4.1	1.575	2.482	13.0	19.5
8 29	0 1.70	− 8 10.8	1.530	2.493	8.9	19.3
9 8	23 53.44	− 9 21.6	1.510	2.504	4.9	19.1
9 18	23 44.20	−10 28.7	1.516	2.514	3.4	19.0
9 28	23 35.11	−11 23.9	1.550	2.524	6.7	19.3
10 8	23 27.26	−12 1.6	1.609	2.534	10.7	19.5
10 18	23 21.46	−12 19.1	1.691	2.543	14.3	19.8
10 28	23 18.21	−12 16.3	1.793	2.552	17.2	20.0

4833 Meges 9 18.4 329°.03 7°.3/31.1 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 0.01	−40 47.8	4.016	4.841	7.6	16.0
8 29	23 55.51	−41 55.9	3.997	4.837	7.3	16.0
9 8	23 50.06	−42 51.2	4.002	4.832	7.4	16.0
9 18	23 44.08	−43 30.4	4.031	4.828	7.9	16.0
9 28	23 38.11	−43 51.5	4.082	4.824	8.7	16.1
10 8	23 32.67	−43 53.9	4.153	4.820	9.5	16.1
10 18	23 28.22	−43 38.3	4.242	4.816	10.3	16.2
10 28	23 25.10	−43 6.5	4.346	4.812	11.0	16.3

190625 2000 WB_{85} 9 18.4 343°.98 1°.7/19.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 2.29	+ 2 52.3	1.133	2.043	16.7	18.4
8 29	23 58.44	+ 2 50.3	1.068	2.029	12.2	18.1
9 8	23 52.09	+ 2 30.4	1.023	2.016	6.9	17.8
9 18	23 44.16	+ 1 56.4	1.000	2.004	1.9	17.4
9 28	23 36.01	+ 1 15.7	1.000	1.994	5.3	17.6
10 8	23 29.12	+ 0 37.1	1.023	1.985	10.9	17.9
10 18	23 24.66	+ 0 8.3	1.067	1.978	15.9	18.2
10 28	23 23.37	− 0 4.6	1.128	1.972	20.2	18.4

474470 2003 SA_{201} 9 18.4 2°.13 1°.7/19.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 2.69	+ 3 7.7	1.156	2.064	16.6	19.9
8 29	23 58.53	+ 3 3.4	1.103	2.062	12.0	19.6
9 8	23 52.03	+ 2 41.4	1.069	2.061	6.8	19.3
9 18	23 44.15	+ 2 6.2	1.058	2.062	2.0	19.0
9 28	23 36.26	+ 1 25.1	1.071	2.064	5.1	19.2
10 8	23 29.72	+ 0 46.6	1.106	2.067	10.4	19.6
10 18	23 25.54	+ 0 18.1	1.163	2.072	15.1	19.8
10 28	23 24.36	+ 0 4.5	1.239	2.079	19.0	20.1

288028 2003 UG_{232} 9 18.4 328°.15 4°.6/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 1.40	+14 10.0	1.624	2.474	15.7	20.5
8 29	23 57.25	+13 31.9	1.549	2.468	12.3	20.2
9 8	23 51.25	+12 27.0	1.495	2.461	8.5	20.0
9 18	23 44.13	+10 58.3	1.465	2.455	5.2	19.8
9 28	23 36.90	+ 9 12.7	1.462	2.450	5.1	19.8
10 8	23 30.62	+ 7 20.3	1.485	2.445	8.4	20.0
10 18	23 26.14	+ 5 31.7	1.533	2.440	12.3	20.2
10 28	23 24.07	+ 3 56.2	1.604	2.435	15.8	20.4

430702 2004 CR_{18} 9 18.4 220°.29 2°.8/15.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 7.45	− 6 30.8	1.831	2.732	11.8	21.6
8 29	0 1.28	− 7 34.0	1.763	2.724	8.2	21.4
9 8	23 53.29	− 8 43.1	1.721	2.715	4.4	21.1
9 18	23 44.21	− 9 51.0	1.706	2.705	3.0	21.0
9 28	23 35.04	−10 50.4	1.719	2.694	6.2	21.2
10 8	23 26.81	−11 35.1	1.760	2.683	10.1	21.4
10 18	23 20.35	−12 1.6	1.824	2.671	13.6	21.6
10 28	23 16.24	−12 8.5	1.908	2.659	16.6	21.8

472957 2015 GQ_{33} 9 18.4 8°.77 5°.3/13.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 6.32	−12 9.9	1.501	2.418	12.9	20.3
8 29	0 0.65	−13 23.1	1.453	2.418	9.2	20.0
9 8	23 52.98	−14 35.8	1.429	2.418	6.0	19.9
9 18	23 44.19	−15 39.0	1.431	2.418	5.7	19.9
9 28	23 35.48	−16 24.4	1.458	2.419	8.6	20.0
10 8	23 27.98	−16 47.0	1.509	2.419	12.4	20.2
10 18	23 22.58	−16 45.3	1.581	2.420	15.8	20.5
10 28	23 19.81	−16 20.7	1.672	2.421	18.7	20.7

330365 2006 WG_5 9 18.4 95°.48 2°.0/16.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 7.13	− 3 42.4	1.467	2.373	13.9	20.8
8 29	0 1.16	− 4 40.1	1.420	2.383	9.5	20.6
9 8	23 53.21	− 5 46.0	1.397	2.392	4.8	20.3
9 18	23 44.21	− 6 52.7	1.399	2.401	2.1	20.2
9 28	23 35.33	− 7 51.6	1.428	2.411	6.0	20.5
10 8	23 27.73	− 8 35.9	1.482	2.420	10.5	20.7
10 18	23 22.24	− 9 1.6	1.559	2.428	14.4	21.0
10 28	23 19.39	− 9 7.4	1.656	2.437	17.6	21.3

228095 2008 SF_{24} 9 18.4 332°.32 0°.0/18.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	23 57.81	− 0 38.1	3.788	4.669	6.8	20.2
8 29	23 53.88	− 0 58.8	3.713	4.663	4.7	20.1
9 8	23 49.19	− 1 24.0	3.666	4.657	2.5	19.9
9 18	23 44.08	− 1 51.7	3.647	4.652	0.1	19.7
9 28	23 38.95	− 2 19.4	3.658	4.646	2.3	19.9
10 8	23 34.20	− 2 44.6	3.699	4.641	4.6	20.1
10 18	23 30.19	− 3 5.1	3.767	4.636	6.7	20.2
10 28	23 27.22	− 3 19.2	3.860	4.631	8.5	20.3

257196 2008 RE_3 9 18.4 266°.39 0°.5/19.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	23 56.73	+ 2 26.4	4.449	5.318	6.1	21.0
8 29	23 53.05	+ 2 5.2	4.374	5.315	4.4	20.9
9 8	23 48.74	+ 1 38.9	4.325	5.312	2.4	20.8
9 18	23 44.08	+ 1 9.2	4.305	5.309	0.6	20.6
9 28	23 39.40	+ 0 38.2	4.316	5.306	1.9	20.7
10 8	23 35.05	+ 0 8.1	4.357	5.303	3.8	20.9
10 18	23 31.31	− 0 19.0	4.426	5.301	5.7	21.0
10 28	23 28.45	− 0 41.2	4.521	5.298	7.3	21.1

453232 2008 KV_{38} 9 18.4 40°.77 4°.9/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 1.62	+15 54.7	1.960	2.790	14.2	20.2
8 29	23 57.08	+15 33.6	1.896	2.799	11.3	20.0
9 8	23 51.04	+14 50.4	1.854	2.808	8.2	19.9
9 18	23 44.16	+13 47.0	1.837	2.818	5.5	19.7
9 28	23 37.30	+12 28.6	1.847	2.828	5.1	19.7
10 8	23 31.31	+11 2.6	1.883	2.838	7.3	19.9
10 18	23 26.86	+ 9 36.6	1.946	2.848	10.3	20.1
10 28	23 24.45	+ 8 18.0	2.033	2.859	13.1	20.3

336111 2008 JK_{34} 9 18.4 50°.29 3°.0/15.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 4.71	− 4 1.3	1.201	2.120	15.3	20.1
8 29	23 59.58	− 5 36.5	1.174	2.143	10.3	19.9
9 8	23 52.38	− 7 19.5	1.170	2.166	5.3	19.7
9 18	23 44.21	− 8 58.8	1.190	2.190	3.3	19.6
9 28	23 36.37	−10 23.1	1.235	2.215	7.3	19.9
10 8	23 30.05	−11 24.6	1.304	2.239	11.8	20.2
10 18	23 26.03	−11 59.9	1.394	2.264	15.7	20.6
10 28	23 24.74	−12 9.4	1.503	2.289	18.8	20.8

400215 2007 CN_1 9 18.4 115°.75 0°.7/17.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 3.35	− 1 54.9	2.442	3.330	9.8	21.4
8 29	23 57.96	− 2 37.9	2.389	3.343	6.7	21.2
9 8	23 51.39	− 3 27.1	2.362	3.356	3.4	21.0
9 18	23 44.19	− 4 18.4	2.364	3.368	0.7	20.8
9 28	23 37.06	− 5 7.0	2.395	3.380	3.7	21.1
10 8	23 30.66	− 5 48.5	2.455	3.392	6.9	21.3
10 18	23 25.55	− 6 19.9	2.541	3.403	9.7	21.5
10 28	23 22.12	− 6 39.1	2.649	3.414	12.1	21.7

186642 2003 MK_7 9 18.4 64°.13 2°.3/21.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 1.32	+ 9 34.0	2.027	2.886	12.7	19.3
8 29	23 56.76	+ 8 34.1	1.970	2.901	9.4	19.1
9 8	23 50.82	+ 7 16.6	1.938	2.916	5.8	18.9
9 18	23 44.17	+ 5 46.1	1.932	2.931	2.6	18.7
9 28	23 37.59	+ 4 9.6	1.955	2.946	3.5	18.8
10 8	23 31.85	+ 2 34.9	2.007	2.961	6.9	19.1
10 18	23 27.59	+ 1 8.6	2.085	2.977	10.2	19.3
10 28	23 25.21	− 0 3.7	2.186	2.992	13.1	19.5

265879 2006 AQ_7 9 18.4 271°.55 21°.0/23.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 12.79	−44 19.2	1.062	1.928	21.1	19.5
8 29	0 6.72	−47 30.4	1.054	1.919	21.1	19.5
9 8	23 56.70	−49 54.8	1.063	1.910	22.1	19.5
9 18	23 44.37	−51 17.6	1.087	1.901	23.7	19.6
9 28	23 32.25	−51 33.2	1.125	1.892	25.5	19.7
10 8	23 22.71	−50 46.2	1.173	1.883	27.4	19.8
10 18	23 17.17	−49 7.1	1.229	1.874	29.0	20.0
10 28	23 16.13	−46 47.5	1.293	1.865	30.3	20.1

353664 2011 UF_{188} 9 18.4 334°.11 2°.4/20.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 2.90	+ 6 57.1	1.648	2.526	14.2	20.2
8 29	23 58.26	+ 6 31.6	1.578	2.520	10.5	20.0
9 8	23 51.78	+ 5 47.8	1.530	2.514	6.4	19.7
9 18	23 44.21	+ 4 49.4	1.507	2.508	2.7	19.5
9 28	23 36.53	+ 3 42.6	1.511	2.503	4.2	19.6
10 8	23 29.80	+ 2 35.3	1.541	2.498	8.4	19.8
10 18	23 24.86	+ 1 35.1	1.596	2.494	12.4	20.0
10 28	23 22.30	+ 0 47.8	1.672	2.490	15.9	20.3

17864 1998 KK_{38} 9 18.4 339°.90 4°.3/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 2.04	+13 0.2	1.901	2.746	14.0	17.0
8 29	23 57.50	+12 47.5	1.826	2.742	10.9	16.8
9 8	23 51.34	+12 14.2	1.773	2.737	7.6	16.6
9 18	23 44.20	+11 22.2	1.745	2.733	4.8	16.4
9 28	23 36.97	+10 16.1	1.744	2.730	4.8	16.4
10 8	23 30.56	+ 9 2.8	1.770	2.726	7.6	16.6
10 18	23 25.73	+ 7 49.8	1.822	2.723	10.9	16.8
10 28	23 23.03	+ 6 44.2	1.896	2.721	14.0	17.0

434228 2003 SO_{272} 9 18.4 22°.06 0°.1/18.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 13.17	− 4 2.6	1.125	2.036	16.8	19.5
8 29	0 5.70	− 3 16.1	1.085	2.048	11.8	19.2
9 8	23 55.67	− 2 35.7	1.066	2.061	6.1	19.0
9 18	23 44.35	− 1 59.1	1.071	2.076	0.2	18.6
9 28	23 33.36	− 1 23.2	1.101	2.092	5.6	19.1
10 8	23 24.21	− 0 45.1	1.156	2.110	10.9	19.4
10 18	23 17.90	− 0 2.7	1.232	2.128	15.5	19.7
10 28	23 14.93	+ 0 45.8	1.328	2.148	19.1	20.0

256881 2008 DK_{34} 9 18.4 102°.94 0°.3/18.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 4.02	+ 1 6.2	2.071	2.956	11.4	21.0
8 29	23 58.66	+ 0 35.7	2.008	2.959	8.0	20.8
9 8	23 51.85	− 0 4.6	1.970	2.962	4.3	20.6
9 18	23 44.22	− 0 50.8	1.960	2.964	0.4	20.3
9 28	23 36.59	− 1 37.7	1.977	2.967	3.7	20.6
10 8	23 29.79	− 2 20.0	2.023	2.969	7.5	20.8
10 18	23 24.48	− 2 53.3	2.094	2.972	10.8	21.0
10 28	23 21.13	− 3 14.6	2.187	2.974	13.7	21.3

165005 2000 CD_{22} 9 18.4 357°.27 2°.3/20.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 5.05	+ 6 12.1	1.718	2.594	13.8	19.4
8 29	23 59.67	+ 5 59.7	1.653	2.593	10.2	19.2
9 8	23 52.49	+ 5 31.3	1.609	2.593	6.2	19.0
9 18	23 44.25	+ 4 50.0	1.592	2.592	2.6	18.8
9 28	23 35.97	+ 4 1.1	1.601	2.592	4.2	18.9
10 8	23 28.65	+ 3 11.5	1.637	2.592	8.2	19.1
10 18	23 23.13	+ 2 27.3	1.698	2.592	12.0	19.3
10 28	23 19.96	+ 1 53.8	1.780	2.593	15.3	19.6

398616 2011 YB_3 9 18.4 319°.57 2°.3/14.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	23 57.90	−11 50.9	3.903	4.804	6.1	20.6
8 29	23 53.93	−12 27.1	3.841	4.799	4.3	20.5
9 8	23 49.24	−13 2.9	3.806	4.794	2.7	20.4
9 18	23 44.13	−13 35.5	3.801	4.789	2.4	20.4
9 28	23 39.02	−14 2.3	3.825	4.784	3.9	20.5
10 8	23 34.31	−14 21.1	3.877	4.779	5.7	20.6
10 18	23 30.33	−14 30.6	3.955	4.775	7.5	20.7
10 28	23 27.39	−14 30.1	4.057	4.770	9.0	20.8

471970 2013 TW_{69} 9 18.4 278°.35 1°.4/17.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 9.04	− 3 28.2	1.501	2.404	13.9	21.8
8 29	0 2.85	− 3 55.6	1.424	2.384	9.7	21.5
9 8	23 54.34	− 4 32.0	1.369	2.364	5.1	21.2
9 18	23 44.33	− 5 11.8	1.341	2.344	1.4	20.9
9 28	23 34.03	− 5 47.8	1.338	2.324	5.8	21.1
10 8	23 24.76	− 6 13.5	1.362	2.304	10.8	21.4
10 18	23 17.62	− 6 24.2	1.408	2.283	15.2	21.6
10 28	23 13.37	− 6 17.5	1.474	2.263	19.0	21.8

185471 2007 BV_{45} 9 18.4 67°.28 4°.0/13.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 2.74	−11 28.0	2.068	2.978	10.2	19.8
8 29	23 57.75	−12 41.5	2.023	2.985	7.2	19.6
9 8	23 51.35	−13 54.7	2.003	2.992	4.6	19.5
9 18	23 44.21	−15 1.1	2.012	2.999	4.4	19.5
9 28	23 37.14	−15 54.5	2.047	3.006	6.7	19.7
10 8	23 30.92	−16 30.7	2.110	3.013	9.7	19.9
10 18	23 26.20	−16 47.8	2.195	3.021	12.4	20.0
10 28	23 23.41	−16 45.9	2.301	3.028	14.7	20.2

494490 2016 WL_{42} 9 18.4 145°.57 2°.7/21.1 18

8 19	0 4.79	+ 7 45.3	1.935	2.799	13.0	20.7
8 29	23 59.34	+ 7 32.3	1.866	2.799	9.7	20.5
9 8	23 52.27	+ 7 3.6	1.821	2.800	6.1	20.3
9 18	23 44.25	+ 6 21.8	1.802	2.800	3.0	20.1
9 28	23 36.19	+ 5 31.7	1.811	2.800	4.0	20.2
10 8	23 29.00	+ 4 39.4	1.847	2.801	7.5	20.4
10 18	23 23.41	+ 3 50.8	1.908	2.801	11.0	20.6
10 28	23 19.97	+ 3 11.2	1.993	2.801	14.0	20.8

103512 2000 BZ_{2} 9 18.4 90°.36 4°.4/14.4 18

8 19	0 5.98	− 9 1.5	1.461	2.376	13.3	19.2
8 29	0 0.43	−10 26.2	1.416	2.382	9.2	19.0
9 8	23 52.89	−11 54.0	1.395	2.388	5.4	18.8
9 18	23 44.27	−13 15.2	1.400	2.393	4.8	18.7
9 28	23 35.76	−14 20.4	1.431	2.399	8.0	18.9
10 8	23 28.49	−15 3.4	1.486	2.405	12.0	19.2
10 18	23 23.32	−15 21.7	1.564	2.410	15.6	19.4
10 28	23 20.77	−15 15.9	1.659	2.416	18.5	19.7

50729 2000 ET_{148} 9 18.4 181°.60 0°.7/19.1 18

8 19	0 7.22	+ 2 49.4	1.885	2.764	12.6	19.5
8 29	0 1.05	+ 2 14.5	1.818	2.765	9.0	19.3
9 8	23 53.16	+ 1 26.8	1.776	2.765	4.9	19.1
9 18	23 44.29	+ 0 30.7	1.761	2.765	0.9	18.8
9 28	23 35.40	− 0 27.8	1.775	2.765	4.0	19.0
10 8	23 27.44	− 1 22.1	1.816	2.764	8.1	19.3
10 18	23 21.19	− 2 6.9	1.883	2.762	11.8	19.5
10 28	23 17.20	− 2 38.3	1.972	2.759	14.9	19.7

399861 2005 UB_{363} 9 18.4 19°.43 4°.6/24.1 15

8 19	0 1.59	+15 49.5	2.059	2.886	13.7	21.1
8 29	23 57.08	+15 19.6	1.985	2.887	10.9	20.9
9 8	23 51.08	+14 27.8	1.933	2.888	7.8	20.7
9 18	23 44.22	+13 16.1	1.907	2.889	5.2	20.5
9 28	23 37.33	+11 49.4	1.908	2.890	4.9	20.5
10 8	23 31.23	+10 15.3	1.937	2.891	7.2	20.7
10 18	23 26.60	+ 8 41.6	1.992	2.892	10.2	20.9
10 28	23 23.95	+ 7 15.7	2.071	2.894	13.1	21.1

300573 2007 TX_{353} 9 18.4 1°.02 2°.7/21.0 18

8 19	0 3.91	+ 7 59.4	1.735	2.605	14.0	20.5
8 29	23 58.87	+ 7 35.4	1.668	2.604	10.4	20.3
9 8	23 52.08	+ 6 53.3	1.624	2.604	6.5	20.0
9 18	23 44.26	+ 5 56.5	1.605	2.604	3.0	19.8
9 28	23 36.40	+ 4 50.8	1.614	2.604	4.2	19.9
10 8	23 29.48	+ 3 43.8	1.649	2.605	8.0	20.1
10 18	23 24.31	+ 2 42.7	1.709	2.605	11.8	20.4
10 28	23 21.44	+ 1 53.3	1.791	2.606	15.1	20.6

454401 2014 NF_{34} 9 18.4 211°.09 5°.9/11.4 18

8 19	0 4.87	−19 42.4	2.296	3.198	9.7	20.8
8 29	23 59.17	−20 41.9	2.249	3.198	7.4	20.6
9 8	23 52.09	−21 35.0	2.228	3.197	6.0	20.5
9 18	23 44.26	−22 15.7	2.235	3.196	6.3	20.6
9 28	23 36.49	−22 39.3	2.268	3.195	8.1	20.7
10 8	23 29.56	−22 43.4	2.326	3.194	10.4	20.8
10 18	23 24.10	−22 27.9	2.407	3.193	12.7	21.0
10 28	23 20.55	−21 54.3	2.508	3.191	14.6	21.1

166921 2003 FV_{77} 9 18.4 81°.41 0°.8/17.7 17

8 19	0 8.24	+ 0 16.5	1.241	2.146	16.0	19.9
8 29	0 2.08	− 0 49.3	1.204	2.165	11.1	19.7
9 8	23 53.75	− 2 9.1	1.189	2.184	5.6	19.4
9 18	23 44.32	− 3 33.8	1.198	2.203	0.8	19.1
9 28	23 35.17	− 4 53.0	1.233	2.222	5.7	19.5
10 8	23 27.58	− 5 57.5	1.294	2.240	10.8	19.9
10 18	23 22.40	− 6 41.8	1.376	2.259	15.1	20.2
10 28	23 20.11	− 7 3.8	1.478	2.277	18.5	20.5

221910 2008 QT_{23} 9 18.4 291°.58 4°.6/ 9.1 18 R

8 19	23 59.51	−25 37.7	4.167	5.052	6.1	19.6
8 29	23 55.04	−26 16.8	4.118	5.043	5.1	19.5
9 8	23 49.81	−26 49.7	4.095	5.035	4.6	19.5
9 18	23 44.18	−27 13.4	4.100	5.027	4.9	19.5
9 28	23 38.55	−27 25.8	4.133	5.018	5.9	19.5
10 8	23 33.36	−27 25.5	4.191	5.010	7.2	19.6
10 18	23 28.95	−27 12.3	4.273	5.002	8.4	19.7
10 28	23 25.62	−26 46.8	4.375	4.993	9.5	19.8

288709 2004 RD_{7} 9 18.4 46°.10 3°.9/14.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 6.31	−11 32.7	1.828	2.737	11.4	20.0
8 29	0 0.29	−12 10.8	1.787	2.749	8.0	19.8
9 8	23 52.68	−12 47.6	1.771	2.761	4.8	19.7
9 18	23 44.28	−13 17.3	1.782	2.774	4.1	19.6
9 28	23 36.06	−13 34.8	1.820	2.787	6.7	19.8
10 8	23 28.92	−13 36.9	1.884	2.800	9.9	20.1
10 18	23 23.56	−13 22.7	1.971	2.814	12.9	20.3
10 28	23 20.40	−12 52.8	2.078	2.828	15.5	20.5

207757 2007 SM_{15} 9 18.4 15°.38 5°.4/22.8 18

8 19	0 3.14	+11 42.5	1.258	2.133	17.9	18.7
8 29	23 58.75	+11 55.8	1.207	2.139	13.9	18.5
9 8	23 52.14	+11 43.4	1.174	2.146	9.6	18.2
9 18	23 44.27	+11 7.0	1.164	2.155	6.0	18.1
9 28	23 36.42	+10 12.6	1.177	2.164	6.1	18.1
10 8	23 29.88	+ 9 9.6	1.214	2.175	9.6	18.3
10 18	23 25.60	+ 8 7.5	1.273	2.187	13.7	18.6
10 28	23 24.17	+ 7 15.0	1.353	2.200	17.3	18.9

93662 2000 UD_{105} 9 18.4 13°.06 12°.6/11.5 18

8 19	0 11.66	−27 42.6	1.063	1.977	17.3	18.0
8 29	0 4.83	−28 25.7	1.038	1.981	14.4	17.9
9 8	23 55.24	−28 44.0	1.032	1.988	12.7	17.8
9 18	23 44.38	−28 27.8	1.046	1.996	13.0	17.9
9 28	23 34.08	−27 32.9	1.081	2.005	15.1	18.0
10 8	23 25.93	−26 2.5	1.136	2.016	18.0	18.2
10 18	23 20.87	−24 4.0	1.209	2.028	20.8	18.5
10 28	23 19.26	−21 45.8	1.298	2.042	23.3	18.7

424309 2007 TQ_{317} 9 18.4 244°.00 0°.5/18.8 17

8 19	0 7.45	+ 2 4.1	1.470	2.362	14.7	21.9
8 29	0 1.66	+ 1 26.1	1.401	2.354	10.5	21.7
9 8	23 53.67	+ 0 32.4	1.354	2.346	5.7	21.4
9 18	23 44.33	− 0 31.7	1.333	2.338	0.6	21.0
9 28	23 34.85	− 1 38.1	1.338	2.329	4.9	21.3
10 8	23 26.48	− 2 38.2	1.370	2.320	9.9	21.6
10 18	23 20.23	− 3 25.1	1.424	2.310	14.4	21.8
10 28	23 16.77	− 3 54.3	1.499	2.301	18.2	22.0

431738 2008 FC_{107} 9 18.4 162°.33 1°.8/16.7 17

8 19	0 8.72	− 4 23.5	1.873	2.768	11.9	22.1
8 29	0 2.04	− 5 11.4	1.817	2.775	8.2	21.9
9 8	23 53.65	− 6 5.5	1.786	2.780	4.2	21.7
9 18	23 44.33	− 6 59.9	1.783	2.785	1.8	21.5
9 28	23 35.08	− 7 48.2	1.808	2.789	5.2	21.7
10 8	23 26.84	− 8 25.1	1.861	2.793	9.1	22.0
10 18	23 20.39	− 8 47.2	1.939	2.796	12.5	22.2
10 28	23 16.23	− 8 53.2	2.038	2.798	15.4	22.4

186245 2001 XA_{165} 9 18.4 301°.92 0°.7/19.1 18

8 19	0 3.27	+ 2 35.1	1.876	2.762	12.3	20.4
8 29	23 58.41	+ 2 4.6	1.797	2.747	8.8	20.2
9 8	23 51.87	+ 1 21.2	1.742	2.732	4.9	19.9
9 18	23 44.27	+ 0 28.7	1.713	2.717	0.9	19.6
9 28	23 36.52	− 0 27.0	1.712	2.703	4.0	19.8
10 8	23 29.56	− 1 19.5	1.738	2.688	8.2	20.0
10 18	23 24.18	− 2 3.1	1.788	2.674	12.0	20.2
10 28	23 20.97	− 2 33.5	1.861	2.660	15.2	20.4

275456 2011 CY_{74} 9 18.4 210°.18 0°.1/18.3 18

8 19	0 7.75	+ 0 9.1	1.792	2.680	12.7	21.6
8 29	0 1.53	− 0 25.0	1.723	2.675	9.0	21.3
9 8	23 53.48	− 1 10.0	1.678	2.670	4.7	21.1
9 18	23 44.34	− 2 1.2	1.660	2.665	0.2	20.7
9 28	23 35.12	− 2 52.4	1.670	2.659	4.5	21.0
10 8	23 26.86	− 3 37.1	1.708	2.652	8.8	21.3
10 18	23 20.40	− 4 10.4	1.770	2.646	12.6	21.5
10 28	23 16.32	− 4 29.0	1.854	2.638	15.9	21.7

476207 2007 UH_{78} 9 18.4 320°.29 6°.1/24.3 18

8 19	0 1.36	+16 12.3	1.559	2.402	16.6	20.5
8 29	23 57.45	+16 0.7	1.475	2.385	13.4	20.2
9 8	23 51.52	+15 20.9	1.411	2.368	9.9	20.0
9 18	23 44.27	+14 13.4	1.370	2.352	6.8	19.8
9 28	23 36.78	+12 43.0	1.354	2.337	6.3	19.7
10 8	23 30.19	+10 59.2	1.363	2.322	9.1	19.8
10 18	23 25.48	+ 9 12.9	1.396	2.307	12.9	20.0
10 28	23 23.37	+ 7 35.0	1.451	2.293	16.6	20.2

294760 2008 CS_{24} 9 18.4 214°.07 1°.9/16.6 17

8 19	0 7.73	− 4 5.6	1.750	2.649	12.4	21.7
8 29	0 1.57	− 5 3.1	1.683	2.642	8.6	21.4
9 8	23 53.52	− 6 8.8	1.641	2.636	4.4	21.2
9 18	23 44.35	− 7 16.0	1.626	2.628	2.1	21.0
9 28	23 35.11	− 8 17.2	1.639	2.620	5.7	21.2
10 8	23 26.84	− 9 5.6	1.679	2.611	9.8	21.5
10 18	23 20.42	− 9 37.1	1.743	2.602	13.6	21.7
10 28	23 16.43	− 9 49.7	1.827	2.592	16.8	21.9

476088 2007 TS_{55} 9 18.4 338°.00 1°.4/17.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 6.28	− 3 56.5	1.724	2.626	12.4	21.0
8 29	0 0.50	− 4 26.5	1.664	2.624	8.6	20.8
9 8	23 52.93	− 5 3.3	1.627	2.622	4.4	20.5
9 18	23 44.33	− 5 41.6	1.617	2.621	1.5	20.3
9 28	23 35.73	− 6 15.4	1.635	2.619	5.1	20.6
10 8	23 28.14	− 6 39.4	1.678	2.618	9.3	20.8
10 18	23 22.38	− 6 50.1	1.746	2.617	13.0	21.1
10 28	23 18.97	− 6 45.7	1.834	2.616	16.1	21.3

156017 2001 RY_{91} 9 18.4 318°.83 1°.3/17.5 18

8 19	0 5.92	− 2 54.7	1.296	2.208	14.9	19.8
8 29	0 0.87	− 3 21.4	1.226	2.191	10.5	19.5
9 8	23 53.39	− 3 58.8	1.177	2.174	5.4	19.2
9 18	23 44.36	− 4 40.9	1.153	2.157	1.3	18.9
9 28	23 35.08	− 5 19.5	1.153	2.141	6.1	19.1
10 8	23 26.96	− 5 47.1	1.177	2.125	11.4	19.4
10 18	23 21.13	− 5 58.5	1.223	2.111	16.1	19.6
10 28	23 18.35	− 5 50.7	1.286	2.097	20.1	19.9

25392 1999 UC_{26} 9 18.4 269°.14 2°.8/20.8 18

8 19	0 6.49	+ 7 30.8	1.530	2.404	15.3	19.1
8 29	0 1.04	+ 7 12.0	1.451	2.390	11.4	18.8
9 8	23 53.40	+ 6 32.9	1.394	2.376	7.1	18.5
9 18	23 44.36	+ 5 36.5	1.362	2.362	3.2	18.3
9 28	23 35.07	+ 4 29.0	1.356	2.347	4.7	18.3
10 8	23 26.77	+ 3 19.1	1.376	2.333	9.3	18.6
10 18	23 20.49	+ 2 15.2	1.421	2.318	13.7	18.8
10 28	23 16.95	+ 1 24.6	1.486	2.303	17.6	19.0

216123 2006 SN_{68} 9 18.4 318°.33 0°.6/17.8 18

8 19	0 3.91	− 0 56.8	1.780	2.677	12.3	20.4
8 29	23 58.86	− 1 36.0	1.714	2.671	8.6	20.2
9 8	23 52.09	− 2 25.2	1.671	2.665	4.4	19.9
9 18	23 44.31	− 3 19.5	1.655	2.660	0.6	19.6
9 28	23 36.48	− 4 12.2	1.667	2.654	4.6	19.9
10 8	23 29.54	− 4 57.1	1.705	2.649	8.8	20.2
10 18	23 24.30	− 5 29.4	1.767	2.644	12.5	20.4
10 28	23 21.30	− 5 46.1	1.850	2.640	15.7	20.6

13149 Heisenberg 9 18.4 262°.31 1°.2/16.9 18

8 19	0 2.86	− 3 40.6	2.389	3.283	9.7	19.0
8 29	23 57.82	− 4 24.3	2.313	3.271	6.7	18.8
9 8	23 51.45	− 5 14.1	2.264	3.258	3.4	18.6
9 18	23 44.29	− 6 5.8	2.242	3.245	1.3	18.4
9 28	23 37.05	− 6 54.2	2.249	3.232	4.2	18.6
10 8	23 30.45	− 7 34.7	2.285	3.218	7.5	18.8
10 18	23 25.10	− 8 3.9	2.346	3.205	10.6	19.0
10 28	23 21.50	− 8 19.6	2.430	3.191	13.2	19.1

240408 2003 UU_{229} 9 18.4 293°.29 8°.8/29.3 18

8 19	0 2.81	+27 2.2	1.871	2.632	17.3	20.0
8 29	23 58.23	+26 54.0	1.789	2.627	14.9	19.8
9 8	23 51.82	+26 13.9	1.725	2.623	12.3	19.6
9 18	23 44.31	+25 0.9	1.683	2.619	10.0	19.5
9 28	23 36.68	+23 17.9	1.666	2.615	8.8	19.4
10 8	23 29.97	+21 13.0	1.674	2.611	9.5	19.4
10 18	23 25.04	+18 56.8	1.708	2.607	11.7	19.6
10 28	23 22.46	+16 41.2	1.766	2.603	14.4	19.7

510508 2012 BY_{34} 9 18.4 313°.66 1°.0/20.2 18

8 19	23 58.32	+ 4 7.5	4.035	4.897	6.9	20.8
8 29	23 54.25	+ 3 58.6	3.953	4.888	5.0	20.6
9 8	23 49.44	+ 3 43.5	3.897	4.880	2.9	20.5
9 18	23 44.22	+ 3 23.8	3.871	4.872	1.1	20.3
9 28	23 38.96	+ 3 1.5	3.874	4.864	2.0	20.4
10 8	23 34.05	+ 2 39.0	3.907	4.856	4.1	20.6
10 18	23 29.83	+ 2 18.3	3.968	4.848	6.1	20.7
10 28	23 26.61	+ 2 1.8	4.054	4.840	7.9	20.8

118961 2000 WO_{125} 9 18.4 319°.64 9°.0/ 8.1 18

8 19	0 4.32	−25 5.6	1.803	2.707	11.8	18.7
8 29	23 59.26	−26 35.5	1.754	2.692	9.9	18.5
9 8	23 52.34	−27 53.8	1.728	2.677	9.0	18.4
9 18	23 44.33	−28 51.8	1.728	2.662	9.9	18.5
9 28	23 36.28	−29 22.5	1.751	2.648	11.9	18.6
10 8	23 29.26	−29 23.1	1.796	2.634	14.4	18.7
10 18	23 24.09	−28 54.8	1.860	2.621	16.8	18.8
10 28	23 21.35	−28 0.6	1.941	2.608	18.8	19.0

67764 2000 UH_{62} 9 18.4 330°.86 1°.0/19.1 18

8 19	0 7.98	+ 1 40.3	1.212	2.114	16.5	18.9
8 29	0 2.34	+ 1 32.3	1.151	2.108	11.8	18.6
9 8	23 54.15	+ 1 8.6	1.110	2.103	6.5	18.3
9 18	23 44.41	+ 0 33.7	1.093	2.097	1.2	18.0
9 28	23 34.55	− 0 4.9	1.101	2.093	5.3	18.2
10 8	23 26.04	− 0 39.2	1.132	2.088	10.8	18.5
10 18	23 20.05	− 1 2.6	1.185	2.084	15.7	18.8
10 28	23 17.25	− 1 10.3	1.257	2.081	19.8	19.1

465001 2006 DV_{104} 9 18.4 85°.36 1°.3/19.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 10.13	+ 3 3.1	1.280	2.173	16.4	21.3
8 29	0 3.50	+ 2 44.0	1.234	2.186	11.7	21.1
9 8	23 54.58	+ 2 8.4	1.209	2.199	6.5	20.8
9 18	23 44.43	+ 1 21.7	1.208	2.212	1.5	20.5
9 28	23 34.45	+ 0 31.5	1.233	2.225	5.0	20.8
10 8	23 25.99	− 0 13.8	1.283	2.237	10.0	21.1
10 18	23 19.99	− 0 47.9	1.356	2.250	14.5	21.4
10 28	23 16.99	− 1 6.5	1.449	2.262	18.1	21.7

233317 2006 BW_{144} 9 18.4 147°.15 5°.4/24.4 18

8 19	0 6.24	+16 41.4	2.029	2.845	14.3	20.2
8 29	0 0.35	+16 37.2	1.960	2.852	11.5	20.0
9 8	23 52.82	+16 11.2	1.913	2.859	8.5	19.9
9 18	23 44.37	+15 24.5	1.890	2.865	6.0	19.7
9 28	23 35.88	+14 21.1	1.896	2.871	5.6	19.7
10 8	23 28.29	+13 7.5	1.928	2.877	7.6	19.9
10 18	23 22.34	+11 51.2	1.988	2.882	10.5	20.1
10 28	23 18.55	+10 39.4	2.070	2.887	13.3	20.3

369695 2012 BT_{133} 9 18.4 221°.17 5°.9/10.3 18

8 19	0 3.53	−19 58.4	2.468	3.370	9.1	20.9
8 29	23 58.26	−21 19.8	2.417	3.364	7.1	20.8
9 8	23 51.67	−22 35.5	2.393	3.357	5.9	20.7
9 18	23 44.32	−23 39.2	2.397	3.351	6.4	20.7
9 28	23 36.96	−24 25.8	2.428	3.344	8.2	20.8
10 8	23 30.32	−24 52.2	2.484	3.337	10.4	21.0
10 18	23 25.01	−24 57.8	2.563	3.329	12.5	21.1
10 28	23 21.48	−24 43.5	2.660	3.322	14.3	21.2

48282 2002 FA_{22} 9 18.4 340°.99 3°.4/14.7 18 R

8 19	0 2.68	− 6 0.3	1.603	2.516	12.5	18.8
8 29	23 58.11	− 7 42.8	1.548	2.514	8.5	18.5
9 8	23 51.74	− 9 33.0	1.519	2.513	4.7	18.3
9 18	23 44.33	−11 21.2	1.515	2.512	3.8	18.3
9 28	23 36.91	−12 57.1	1.540	2.511	7.1	18.5
10 8	23 30.50	−14 12.7	1.589	2.510	11.1	18.7
10 18	23 25.91	−15 3.7	1.661	2.509	14.7	18.9
10 28	23 23.68	−15 28.8	1.753	2.509	17.7	19.1

454622 2014 QM_{119} 9 18.4 257°.68 1°.8/20.3 17

8 19	0 4.95	+ 5 2.8	2.382	3.247	10.8	21.9
8 29	23 59.26	+ 5 2.5	2.309	3.245	8.0	21.7
9 8	23 52.20	+ 4 51.7	2.260	3.242	4.8	21.5
9 18	23 44.36	+ 4 32.3	2.239	3.240	2.0	21.3
9 28	23 36.45	+ 4 7.6	2.247	3.237	3.3	21.4
10 8	23 29.25	+ 3 41.7	2.284	3.235	6.5	21.6
10 18	23 23.36	+ 3 18.4	2.348	3.232	9.5	21.8
10 28	23 19.28	+ 3 1.2	2.435	3.230	12.2	22.0

85851 1999 AS_{4} 9 18.4 220°.87 6°.3/11.7 18

8 19	0 6.37	−15 57.5	1.778	2.689	11.6	18.5
8 29	0 0.62	−17 33.1	1.726	2.683	8.6	18.3
9 8	23 53.04	−19 5.6	1.699	2.677	6.5	18.2
9 18	23 44.39	−20 25.8	1.699	2.671	6.9	18.2
9 28	23 35.72	−21 25.6	1.725	2.664	9.4	18.3
10 8	23 28.06	−22 0.2	1.776	2.656	12.5	18.5
10 18	23 22.24	−22 8.6	1.848	2.649	15.4	18.7
10 28	23 18.82	−21 52.4	1.938	2.641	17.9	18.9

8841 1990 EA_{7} 9 18.4 70°.61 0°.6/18.8 18

8 19	0 9.50	+ 0 19.7	1.608	2.497	13.8	17.1
8 29	0 2.83	+ 0 17.6	1.550	2.502	9.8	16.9
9 8	23 54.19	+ 0 5.2	1.515	2.507	5.3	16.6
9 18	23 44.44	− 0 13.8	1.507	2.512	0.7	16.3
9 28	23 34.73	− 0 34.5	1.526	2.517	4.5	16.6
10 8	23 26.20	− 0 51.6	1.572	2.522	9.0	16.9
10 18	23 19.70	− 1 0.7	1.642	2.527	12.9	17.1
10 28	23 15.81	− 0 58.8	1.733	2.532	16.2	17.4

69510 1997 EN_{5} 9 18.4 329°.93 0°.3/18.2 18

8 19	0 5.35	− 0 35.1	1.548	2.448	13.7	19.3
8 29	0 0.08	− 1 2.6	1.483	2.442	9.6	19.0
9 8	23 52.83	− 1 41.3	1.441	2.436	5.0	18.7
9 18	23 44.39	− 2 26.2	1.425	2.430	0.3	18.4
9 28	23 35.87	− 3 10.5	1.435	2.424	4.9	18.7
10 8	23 28.41	− 3 47.3	1.471	2.419	9.5	19.0
10 18	23 22.90	− 4 11.8	1.530	2.415	13.7	19.2
10 28	23 19.95	− 4 20.5	1.609	2.410	17.1	19.4

39488 1981 EM_{6} 9 18.4 9°.77 5°.8/24.4 18

8 19	0 0.85	+16 27.5	1.410	2.259	17.8	18.1
8 29	23 57.08	+15 54.3	1.346	2.260	14.1	17.9
9 8	23 51.29	+14 49.6	1.301	2.262	10.2	17.7
9 18	23 44.33	+13 16.2	1.279	2.265	6.7	17.5
9 28	23 37.33	+11 22.0	1.282	2.268	6.1	17.5
10 8	23 31.45	+ 9 18.8	1.311	2.272	9.0	17.7
10 18	23 27.59	+ 7 19.2	1.363	2.277	12.9	17.9
10 28	23 26.34	+ 5 33.9	1.437	2.282	16.6	18.2

321896 2010 TM_6 9 18.4 219°.89 0°.1/18.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 6.35	+ 1 34.2	1.480	2.376	14.5	21.4
8 29	0 0.85	+ 0 35.8	1.416	2.372	10.2	21.2
9 8	23 53.27	− 0 38.5	1.375	2.368	5.4	20.9
9 18	23 44.43	− 2 2.0	1.359	2.364	0.2	20.5
9 28	23 35.52	− 3 25.4	1.370	2.359	5.1	20.9
10 8	23 27.72	− 4 39.4	1.407	2.355	10.0	21.1
10 18	23 21.99	− 5 37.0	1.468	2.350	14.3	21.4
10 28	23 18.95	− 6 14.1	1.548	2.344	17.9	21.6

77355 2001 FE_{123} 9 18.4 340°.96 1°.1/17.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 5.87	− 2 49.0	1.530	2.435	13.5	18.8
8 29	0 0.44	− 3 14.9	1.468	2.430	9.4	18.6
9 8	23 53.02	− 3 49.5	1.430	2.425	4.8	18.3
9 18	23 44.42	− 4 27.5	1.416	2.421	1.1	18.0
9 28	23 35.77	− 5 2.1	1.429	2.417	5.3	18.3
10 8	23 28.22	− 5 27.4	1.468	2.413	9.8	18.6
10 18	23 22.67	− 5 39.1	1.530	2.410	13.9	18.8
10 28	23 19.69	− 5 34.9	1.611	2.408	17.3	19.1

454325 2014 KR_{45} 9 18.4 269°.83 14°.1/ 2.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 5.48	−25 8.7	1.054	1.979	16.3	20.2
8 29	0 1.11	−29 4.3	1.025	1.970	14.4	20.0
9 8	23 53.73	−32 41.5	1.019	1.961	14.5	20.0
9 18	23 44.46	−35 37.5	1.035	1.952	16.6	20.1
9 28	23 35.04	−37 37.1	1.072	1.943	19.7	20.3
10 8	23 27.30	−38 36.4	1.125	1.934	22.9	20.5
10 18	23 22.53	−38 40.3	1.191	1.925	25.7	20.7
10 28	23 21.44	−37 58.0	1.266	1.916	27.9	20.9

263923 2009 HR_1 9 18.4 47°.34 3°.5/16.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 10.15	− 6 49.1	1.017	1.940	17.0	20.0
8 29	0 3.56	− 7 35.2	0.995	1.965	11.6	19.8
9 8	23 54.55	− 8 25.2	0.994	1.990	6.1	19.6
9 18	23 44.48	− 9 9.6	1.016	2.017	3.6	19.5
9 28	23 34.97	− 9 39.8	1.061	2.044	7.7	19.8
10 8	23 27.43	− 9 50.3	1.130	2.071	12.6	20.2
10 18	23 22.69	− 9 40.1	1.218	2.099	16.8	20.5
10 28	23 21.13	− 9 10.2	1.325	2.126	20.1	20.9

353930 1995 OX_{17} 9 18.4 303°.82 1°.9/22.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	23 57.16	+ 9 49.2	4.287	5.122	7.0	21.2
8 29	23 53.44	+ 9 35.4	4.206	5.120	5.3	21.1
9 8	23 49.05	+ 9 13.5	4.151	5.117	3.5	21.0
9 18	23 44.28	+ 8 44.8	4.124	5.115	2.1	20.9
9 28	23 39.48	+ 8 11.2	4.126	5.112	2.2	20.9
10 8	23 35.02	+ 7 35.2	4.159	5.110	3.8	21.0
10 18	23 31.21	+ 6 59.3	4.219	5.107	5.6	21.1
10 28	23 28.32	+ 6 26.0	4.306	5.105	7.2	21.2

312865 2011 UC_{152} 9 18.4 216°.37 1°.7/20.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 4.28	+ 5 30.8	1.958	2.831	12.5	20.7
8 29	23 59.02	+ 5 5.1	1.889	2.830	9.1	20.5
9 8	23 52.17	+ 4 25.1	1.845	2.829	5.4	20.2
9 18	23 44.40	+ 3 34.4	1.827	2.828	1.9	20.0
9 28	23 36.59	+ 2 38.2	1.836	2.828	3.7	20.1
10 8	23 29.63	+ 1 42.7	1.874	2.827	7.5	20.4
10 18	23 24.22	+ 0 53.8	1.937	2.826	11.0	20.6
10 28	23 20.91	+ 0 15.9	2.023	2.825	14.1	20.8

451175 2009 SK_{269} 9 18.4 33°.83 0°.5/17.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 3.57	− 1 12.6	1.804	2.701	12.1	21.0
8 29	23 58.49	− 1 45.0	1.755	2.713	8.4	20.8
9 8	23 51.85	− 2 26.0	1.730	2.725	4.3	20.6
9 18	23 44.40	− 3 10.5	1.732	2.737	0.5	20.3
9 28	23 37.04	− 3 52.9	1.761	2.750	4.3	20.6
10 8	23 30.66	− 4 27.6	1.817	2.763	8.3	20.9
10 18	23 25.94	− 4 50.9	1.898	2.776	11.7	21.1
10 28	23 23.34	− 5 0.4	1.999	2.790	14.6	21.4

295488 2008 RF_{14} 9 18.4 87°.17 1°.3/21.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	23 56.59	+ 7 18.5	4.430	5.278	6.6	21.1
8 29	23 53.02	+ 6 56.6	4.354	5.279	4.9	21.0
9 8	23 48.83	+ 6 27.7	4.304	5.279	3.0	20.9
9 18	23 44.29	+ 5 53.3	4.282	5.280	1.5	20.8
9 28	23 39.73	+ 5 15.6	4.291	5.280	1.9	20.8
10 8	23 35.49	+ 4 36.8	4.330	5.281	3.7	20.9
10 18	23 31.88	+ 3 59.5	4.397	5.281	5.5	21.1
10 28	23 29.15	+ 3 26.0	4.490	5.282	7.1	21.2

262664 2006 WJ_{109} 9 18.4 348°.96 1°.8/16.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 4.00	− 4 37.4	1.847	2.751	11.6	20.4
8 29	23 58.86	− 5 23.1	1.788	2.749	8.0	20.2
9 8	23 52.10	− 6 15.0	1.753	2.748	4.1	20.0
9 18	23 44.42	− 7 7.6	1.744	2.747	1.9	19.8
9 28	23 36.74	− 7 54.3	1.764	2.745	5.2	20.1
10 8	23 29.96	− 8 29.8	1.809	2.745	9.0	20.3
10 18	23 24.82	− 8 50.7	1.879	2.744	12.5	20.5
10 28	23 21.84	− 8 55.1	1.970	2.744	15.4	20.7

157877 1999 JY_{112} 9 18.4 59°.72 1°.6/19.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 7.90	+ 3 50.3	1.441	2.329	15.2	19.7
8 29	0 1.73	+ 3 33.6	1.398	2.347	10.9	19.5
9 8	23 53.61	+ 3 1.3	1.377	2.366	6.2	19.2
9 18	23 44.48	+ 2 18.4	1.382	2.385	1.8	19.0
9 28	23 35.56	+ 1 31.4	1.413	2.404	4.5	19.2
10 8	23 27.98	+ 0 47.8	1.469	2.424	9.0	19.6
10 18	23 22.55	+ 0 13.4	1.550	2.443	13.0	19.9
10 28	23 19.76	− 0 7.7	1.651	2.463	16.3	20.1

20444 Mamesser 9 18.4 30°.87 6°.3/14.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 6.93	−11 48.8	1.000	1.931	16.4	17.3
8 29	0 1.60	−12 58.2	0.971	1.942	11.5	17.1
9 8	23 53.69	−14 5.5	0.962	1.954	7.3	16.9
9 18	23 44.49	−14 59.1	0.975	1.967	6.7	16.9
9 28	23 35.63	−15 29.2	1.010	1.980	10.2	17.2
10 8	23 28.59	−15 31.2	1.067	1.995	14.6	17.5
10 18	23 24.33	−15 5.7	1.143	2.010	18.6	17.8
10 28	23 23.28	−14 15.9	1.235	2.026	21.9	18.1

300678 2007 VA_{23} 9 18.4 176°.99 2°.7/21.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 4.33	+10 6.7	2.334	3.179	11.7	21.4
8 29	23 58.87	+ 9 35.2	2.260	3.181	8.9	21.2
9 8	23 52.04	+ 8 48.0	2.210	3.182	5.7	21.0
9 18	23 44.43	+ 7 47.8	2.188	3.183	3.0	20.8
9 28	23 36.79	+ 6 39.2	2.195	3.184	3.6	20.9
10 8	23 29.87	+ 5 28.0	2.231	3.184	6.5	21.1
10 18	23 24.30	+ 4 20.3	2.295	3.183	9.6	21.2
10 28	23 20.55	+ 3 21.0	2.382	3.182	12.3	21.4

452219 2015 RN_{220} 9 18.4 35°.69 3°.1/15.4 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 6.42	− 9 53.9	2.008	2.912	10.8	21.5
8 29	0 0.40	−10 25.7	1.954	2.914	7.5	21.3
9 8	23 52.85	−10 58.0	1.925	2.916	4.3	21.1
9 18	23 44.47	−11 25.7	1.923	2.919	3.3	21.1
9 28	23 36.14	−11 44.0	1.949	2.921	5.9	21.2
10 8	23 28.75	−11 49.4	2.003	2.924	9.2	21.5
10 18	23 22.98	−11 40.3	2.080	2.927	12.2	21.7
10 28	23 19.30	−11 16.7	2.179	2.930	14.8	21.9

457940 2009 VD_2 9 18.4 359°.81 15°.5/ 8.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 2.07	+39 1.3	1.668	2.346	21.9	19.9
8 29	23 58.30	+40 28.9	1.600	2.343	20.4	19.8
9 8	23 52.15	+41 20.2	1.545	2.340	18.7	19.6
9 18	23 44.44	+41 29.3	1.505	2.339	17.2	19.5
9 28	23 36.41	+40 53.6	1.482	2.340	16.0	19.5
10 8	23 29.48	+39 36.8	1.478	2.342	15.5	19.4
10 18	23 24.80	+37 47.2	1.494	2.345	15.9	19.5
10 28	23 23.15	+35 37.3	1.529	2.350	17.0	19.6

292022 2006 QG_{152} 9 18.4 237°.64 0°.2/18.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 4.66	− 0 6.5	1.912	2.803	11.9	21.1
8 29	23 59.30	− 0 44.4	1.847	2.801	8.3	20.8
9 8	23 52.34	− 1 32.2	1.807	2.800	4.3	20.6
9 18	23 44.45	− 2 25.3	1.793	2.798	0.3	20.3
9 28	23 36.53	− 3 17.7	1.808	2.796	4.2	20.6
10 8	23 29.48	− 4 3.5	1.849	2.794	8.2	20.8
10 18	23 24.03	− 4 38.1	1.916	2.792	11.8	21.1
10 28	23 20.71	− 4 58.5	2.005	2.790	14.8	21.3

479744 2014 EL_9 9 18.4 355°.22 3°.0/15.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 4.79	− 6 34.1	1.568	2.480	12.8	20.7
8 29	23 59.63	− 7 33.5	1.514	2.478	8.8	20.5
9 8	23 52.58	− 8 38.4	1.483	2.477	4.8	20.2
9 18	23 44.46	− 9 41.4	1.477	2.477	3.2	20.1
9 28	23 36.35	−10 34.5	1.499	2.476	6.6	20.3
10 8	23 29.32	−11 11.4	1.545	2.476	10.7	20.6
10 18	23 24.22	−11 28.8	1.615	2.476	14.4	20.8
10 28	23 21.59	−11 25.8	1.703	2.477	17.5	21.0

278999 2008 UF_{235} 9 18.4 55°.66 2°.6/20.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 7.52	+ 6 32.7	1.392	2.273	16.1	20.1
8 29	0 1.50	+ 6 16.9	1.351	2.295	11.7	19.9
9 8	23 53.49	+ 5 42.4	1.333	2.317	7.0	19.7
9 18	23 44.49	+ 4 53.6	1.339	2.339	2.9	19.5
9 28	23 35.73	+ 3 57.7	1.371	2.362	4.6	19.6
10 8	23 28.36	+ 3 3.0	1.428	2.385	8.9	20.0
10 18	23 23.18	+ 2 16.4	1.509	2.408	13.0	20.3
10 28	23 20.67	+ 1 43.0	1.611	2.431	16.3	20.5

78713 2002 TV_{192} 9 18.4 332°.04 9°.2/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 3.49	−29 38.8	2.144	3.033	10.9	19.2
8 29	23 58.50	−31 10.2	2.108	3.026	9.6	19.2
9 8	23 51.91	−32 27.3	2.096	3.019	9.2	19.1
9 18	23 44.45	−33 22.9	2.109	3.012	10.0	19.2
9 28	23 37.01	−33 51.9	2.145	3.005	11.6	19.3
10 8	23 30.50	−33 52.8	2.203	2.999	13.5	19.4
10 18	23 25.62	−33 26.9	2.280	2.993	15.3	19.5
10 28	23 22.86	−32 37.3	2.373	2.988	16.9	19.7

446379 2014 HJ_{128} 9 18.4 159°.51 16°.0/ 1.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 10.93	−33 28.5	1.178	2.075	17.2	20.2
8 29	0 4.72	−36 43.8	1.167	2.079	16.1	20.1
9 8	23 55.50	−39 26.3	1.178	2.082	16.3	20.1
9 18	23 44.60	−41 20.5	1.209	2.085	17.8	20.2
9 28	23 33.90	−42 18.4	1.258	2.087	20.0	20.4
10 8	23 25.17	−42 21.9	1.323	2.089	22.3	20.6
10 18	23 19.58	−41 38.5	1.401	2.091	24.3	20.8
10 28	23 17.66	−40 18.0	1.489	2.092	25.9	20.9

221915 2008 SH_8 9 18.4 312°.81 0°.7/19.8 16

8 19	23 57.21	+ 3 35.4	4.090	4.955	6.7	19.9
8 29	23 53.51	+ 3 12.0	4.013	4.951	4.8	19.8
9 8	23 49.12	+ 2 42.5	3.962	4.947	2.7	19.7
9 18	23 44.35	+ 2 8.8	3.941	4.944	0.8	19.5
9 28	23 39.55	+ 1 33.0	3.950	4.940	2.0	19.6
10 8	23 35.09	+ 0 58.0	3.988	4.937	4.1	19.7
10 18	23 31.32	+ 0 25.9	4.055	4.933	6.0	19.9
10 28	23 28.49	− 0 1.0	4.147	4.930	7.8	20.0

138878 2000 YE_1 9 18.4 55°.88 8°.0/ 9.9 18

8 19	0 7.35	−25 10.8	2.043	2.938	11.0	19.9
8 29	0 1.08	−26 14.2	2.007	2.942	9.1	19.8
9 8	23 53.21	−27 5.4	1.996	2.945	8.0	19.7
9 18	23 44.51	−27 37.8	2.010	2.948	8.5	19.7
9 28	23 35.97	−27 46.8	2.050	2.951	10.2	19.9
10 8	23 28.50	−27 31.3	2.113	2.954	12.4	20.0
10 18	23 22.79	−26 52.7	2.198	2.958	14.5	20.2
10 28	23 19.29	−25 54.1	2.300	2.961	16.3	20.3

447132 2004 XZ_{29} 9 18.4 227°.64 2°.6/14.3 17

8 19	0 2.92	−11 13.3	3.364	4.259	7.2	22.5
8 29	23 57.61	−12 0.9	3.289	4.244	5.0	22.3
9 8	23 51.31	−12 48.8	3.242	4.229	3.1	22.2
9 18	23 44.44	−13 33.5	3.224	4.213	2.8	22.2
9 28	23 37.51	−14 11.2	3.237	4.197	4.5	22.3
10 8	23 31.04	−14 39.3	3.279	4.180	6.7	22.4
10 18	23 25.49	−14 55.9	3.348	4.162	8.8	22.5
10 28	23 21.23	−15 0.2	3.439	4.144	10.6	22.6

18136 2000 OD_{21} 9 18.4 31°.86 0°.4/18.7 18

8 19	0 9.40	− 0 39.5	1.064	1.976	17.4	16.6
8 29	0 3.12	− 0 30.8	1.033	1.996	12.2	16.4
9 8	23 54.43	− 0 34.8	1.023	2.018	6.4	16.2
9 18	23 44.57	− 0 46.3	1.036	2.040	0.6	15.8
9 28	23 35.13	− 0 58.8	1.072	2.064	5.4	16.3
10 8	23 27.49	− 1 5.9	1.132	2.089	10.7	16.6
10 18	23 22.57	− 1 3.4	1.214	2.115	15.2	17.0
10 28	23 20.80	− 0 48.4	1.314	2.142	18.9	17.3

519746 2013 CX_{226} 9 18.4 185°.92 1°.4/20.4 18

8 19	0 1.81	+ 6 42.3	2.632	3.492	10.1	21.6
8 29	23 57.01	+ 5 53.7	2.558	3.492	7.4	21.4
9 8	23 51.05	+ 4 52.7	2.509	3.491	4.4	21.2
9 18	23 44.44	+ 3 42.6	2.489	3.490	1.6	21.0
9 28	23 37.80	+ 2 28.1	2.498	3.489	2.9	21.1
10 8	23 31.76	+ 1 14.7	2.537	3.487	6.0	21.3
10 18	23 26.86	+ 0 7.3	2.604	3.485	8.8	21.5
10 28	23 23.52	− 0 50.0	2.695	3.483	11.3	21.7

162805 2001 AR 9 18.4 273°.08 3°.7/ 9.9 18

8 19	23 57.15	−20 31.5	4.362	5.259	5.6	19.5
8 29	23 53.48	−21 32.0	4.308	5.251	4.4	19.4
9 8	23 49.12	−22 28.8	4.283	5.242	3.7	19.3
9 18	23 44.37	−23 18.9	4.286	5.234	4.0	19.3
9 28	23 39.59	−23 59.6	4.317	5.226	5.1	19.4
10 8	23 35.15	−24 29.1	4.376	5.217	6.5	19.5
10 18	23 31.39	−24 46.3	4.459	5.209	7.8	19.6
10 28	23 28.58	−24 51.3	4.562	5.201	9.0	19.7

390322 2013 BA_1 9 18.4 177°.87 1°.6/15.2 18

8 19	23 57.98	− 9 32.8	4.301	5.198	5.7	20.8
8 29	23 54.01	−10 1.8	4.240	5.198	3.9	20.7
9 8	23 49.37	−10 31.3	4.207	5.198	2.2	20.6
9 18	23 44.39	−10 58.9	4.203	5.198	1.8	20.5
9 28	23 39.40	−11 22.2	4.230	5.198	3.1	20.6
10 8	23 34.77	−11 39.5	4.285	5.198	4.9	20.8
10 18	23 30.81	−11 49.4	4.367	5.198	6.6	20.9
10 28	23 27.79	−11 50.9	4.473	5.198	8.1	21.0

103816 2000 DL_{20} 9 18.4 200°.82 1°.1/19.5 18

8 19	0 4.97	+ 3 31.3	1.862	2.743	12.7	20.0
8 29	23 59.58	+ 3 2.5	1.796	2.743	9.1	19.8
9 8	23 52.53	+ 2 20.6	1.754	2.743	5.1	19.5
9 18	23 44.52	+ 1 29.4	1.739	2.742	1.2	19.3
9 28	23 36.48	+ 0 34.7	1.751	2.742	3.9	19.5
10 8	23 29.33	− 0 16.9	1.790	2.742	7.9	19.7
10 18	23 23.83	− 1 0.2	1.855	2.741	11.6	19.9
10 28	23 20.52	− 1 30.9	1.942	2.741	14.7	20.2

112533 2002 PC_{38} 9 18.4 94°.80 1°.2/17.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 8.50	− 1 21.8	1.463	2.363	14.3	20.7
8 29	0 2.14	− 2 20.7	1.423	2.382	9.9	20.5
9 8	23 53.85	− 3 29.9	1.405	2.400	5.0	20.3
9 18	23 44.58	− 4 42.0	1.414	2.418	1.2	20.0
9 28	23 35.53	− 5 48.2	1.449	2.435	5.4	20.4
10 8	23 27.82	− 6 41.3	1.511	2.453	9.9	20.7
10 18	23 22.26	− 7 16.9	1.596	2.470	13.9	21.0
10 28	23 19.31	− 7 33.1	1.701	2.486	17.0	21.2

478638 2012 TW_{193} 9 18.4 56°.30 1°.1/17.5 18

8 19	0 5.95	− 2 2.5	1.575	2.477	13.4	21.4
8 29	0 0.39	− 2 44.9	1.524	2.484	9.3	21.2
9 8	23 52.97	− 3 36.7	1.496	2.491	4.7	21.0
9 18	23 44.55	− 4 31.8	1.494	2.498	1.1	20.7
9 28	23 36.19	− 5 22.8	1.518	2.505	5.1	21.0
10 8	23 28.98	− 6 3.2	1.569	2.513	9.5	21.3
10 18	23 23.70	− 6 28.9	1.644	2.520	13.4	21.6
10 28	23 20.87	− 6 37.5	1.738	2.528	16.5	21.8

176442 2001 WJ_{51} 9 18.4 19°.55 2°.6/16.1 18

8 19	0 6.19	− 7 19.6	1.768	2.674	11.9	19.8
8 29	0 0.43	− 7 53.5	1.714	2.676	8.2	19.6
9 8	23 52.96	− 8 30.6	1.684	2.678	4.4	19.4
9 18	23 44.56	− 9 5.3	1.681	2.681	2.7	19.3
9 28	23 36.20	− 9 31.9	1.705	2.684	5.8	19.5
10 8	23 28.86	− 9 45.8	1.755	2.687	9.6	19.7
10 18	23 23.31	− 9 44.9	1.829	2.690	13.0	19.9
10 28	23 20.05	− 9 28.4	1.924	2.694	15.9	20.1

152614 1996 GB_8 9 18.4 268°.48 1°.7/16.9 18

8 19	0 6.99	− 3 29.3	1.611	2.513	13.1	20.5
8 29	0 1.32	− 4 15.6	1.538	2.499	9.1	20.2
9 8	23 53.59	− 5 11.3	1.489	2.484	4.7	19.9
9 18	23 44.59	− 6 10.0	1.467	2.470	1.8	19.7
9 28	23 35.41	− 7 4.2	1.471	2.455	5.7	19.9
10 8	23 27.22	− 7 46.6	1.501	2.440	10.2	20.2
10 18	23 20.95	− 8 12.6	1.555	2.425	14.4	20.4
10 28	23 17.27	− 8 19.8	1.628	2.410	17.8	20.6

176135 2001 FB_{34} 9 18.4 113°.27 0°.5/18.0 17

8 19	0 9.65	− 0 42.8	1.612	2.504	13.7	20.5
8 29	0 2.87	− 1 21.2	1.565	2.520	9.5	20.3
9 8	23 54.22	− 2 9.6	1.542	2.535	4.9	20.1
9 18	23 44.61	− 3 2.3	1.546	2.550	0.5	19.8
9 28	23 35.17	− 3 52.3	1.577	2.565	4.8	20.1
10 8	23 26.97	− 4 33.3	1.635	2.579	9.2	20.4
10 18	23 20.81	− 5 1.0	1.717	2.592	13.0	20.7
10 28	23 17.17	− 5 13.1	1.821	2.605	16.1	21.0

323034 2002 QW_{129} 9 18.4 88°.60 3°.8/21.4 17

8 19	0 12.03	+ 8 40.3	1.474	2.338	16.3	20.8
8 29	0 4.67	+ 8 50.4	1.428	2.359	12.2	20.6
9 8	23 55.21	+ 8 40.9	1.403	2.379	7.8	20.4
9 18	23 44.66	+ 8 14.0	1.403	2.399	4.2	20.2
9 28	23 34.30	+ 7 35.2	1.431	2.419	5.1	20.3
10 8	23 25.37	+ 6 51.8	1.484	2.438	8.9	20.6
10 18	23 18.73	+ 6 11.0	1.562	2.457	12.8	20.9
10 28	23 14.91	+ 5 38.9	1.661	2.476	16.1	21.1

220324 2003 FA_{32} 9 18.4 276°.92 0°.8/16.9 18 R

8 19	23 58.23	− 5 2.3	4.238	5.127	5.9	20.0
8 29	23 54.20	− 5 24.6	4.167	5.122	4.1	19.8
9 8	23 49.50	− 5 49.2	4.123	5.116	2.1	19.7
9 18	23 44.42	− 6 14.0	4.109	5.111	0.9	19.6
9 28	23 39.32	− 6 36.8	4.125	5.106	2.5	19.7
10 8	23 34.57	− 6 55.5	4.170	5.101	4.5	19.8
10 18	23 30.49	− 7 8.4	4.244	5.096	6.4	20.0
10 28	23 27.35	− 7 14.3	4.341	5.090	8.0	20.1

13035 1989 UA_6 9 18.4 66°.42 1°.2/16.8 18 R

8 19	0 1.19	− 4 41.0	2.880	3.773	8.3	17.6
8 29	23 56.43	− 5 15.2	2.830	3.787	5.7	17.4
9 8	23 50.70	− 5 52.8	2.807	3.801	2.9	17.2
9 18	23 44.47	− 6 30.4	2.812	3.815	1.2	17.1
9 28	23 38.30	− 7 4.4	2.847	3.828	3.5	17.3
10 8	23 32.72	− 7 31.6	2.911	3.842	6.2	17.5
10 18	23 28.20	− 7 49.8	3.001	3.856	8.6	17.7
10 28	23 25.08	− 7 57.7	3.114	3.870	10.6	17.9

12642 Davidjansen 9 18.4 244°.24 0°.7/19.1 18

8 19	0 6.40	+ 3 13.8	1.752	2.634	13.2	18.7
8 29	0 0.81	+ 2 27.3	1.672	2.621	9.5	18.4
9 8	23 53.30	+ 1 25.1	1.617	2.607	5.2	18.2
9 18	23 44.59	+ 0 12.2	1.587	2.592	0.8	17.8
9 28	23 35.68	− 1 4.3	1.586	2.577	4.3	18.0
10 8	23 27.65	− 2 16.3	1.612	2.561	8.9	18.3
10 18	23 21.38	− 3 17.0	1.663	2.545	13.0	18.5
10 28	23 17.52	− 4 1.4	1.736	2.528	16.4	18.7

356225 2009 SY_{208} 9 18.4 304°.78 0°.4/17.7 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	23 58.29	− 2 45.3	4.018	4.903	6.3	21.0
8 29	23 54.29	− 3 5.9	3.942	4.895	4.4	20.8
9 8	23 49.56	− 3 30.0	3.893	4.886	2.2	20.7
9 18	23 44.43	− 3 55.5	3.874	4.878	0.4	20.5
9 28	23 39.27	− 4 19.9	3.885	4.870	2.4	20.6
10 8	23 34.46	− 4 41.1	3.925	4.862	4.5	20.8
10 18	23 30.35	− 4 57.2	3.993	4.854	6.5	20.9
10 28	23 27.23	− 5 6.6	4.085	4.846	8.2	21.1

398470 2011 UO_{120} 9 18.4 319°.68 5°.8/13.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 7.14	−14 31.4	1.514	2.430	12.9	20.1
8 29	0 1.59	−15 16.6	1.445	2.407	9.4	19.8
9 8	23 53.80	−15 59.2	1.398	2.384	6.5	19.6
9 18	23 44.61	−16 31.2	1.376	2.362	6.2	19.5
9 28	23 35.23	−16 44.9	1.380	2.341	9.1	19.7
10 8	23 26.93	−16 36.0	1.407	2.320	12.9	19.8
10 18	23 20.73	−16 3.5	1.456	2.300	16.6	20.0
10 28	23 17.33	−15 9.0	1.522	2.280	19.8	20.2

354314 2002 US_{47} 9 18.4 343°.58 1°.3/19.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 1.56	+ 3 38.1	1.365	2.265	15.1	19.9
8 29	23 57.71	+ 3 9.7	1.298	2.254	10.9	19.6
9 8	23 51.77	+ 2 23.3	1.252	2.243	6.2	19.3
9 18	23 44.53	+ 1 23.7	1.230	2.234	1.5	19.0
9 28	23 37.14	+ 0 18.9	1.233	2.225	4.7	19.2
10 8	23 30.82	− 0 42.1	1.260	2.218	9.7	19.5
10 18	23 26.52	− 1 31.6	1.309	2.212	14.2	19.7
10 28	23 24.91	− 2 4.1	1.379	2.207	18.1	20.0

159323 2006 BH_{274} 9 18.4 293°.95 0°.5/17.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 2.56	− 1 6.0	2.222	3.113	10.5	21.1
8 29	23 57.72	− 1 47.4	2.153	3.108	7.3	20.9
9 8	23 51.51	− 2 37.0	2.110	3.104	3.7	20.6
9 18	23 44.52	− 3 30.4	2.095	3.099	0.5	20.4
9 28	23 37.48	− 4 22.4	2.108	3.095	3.9	20.6
10 8	23 31.15	− 5 7.8	2.149	3.090	7.4	20.8
10 18	23 26.16	− 5 42.7	2.215	3.086	10.6	21.0
10 28	23 22.99	− 6 4.4	2.304	3.081	13.3	21.2

505659 2014 TN_{32} 9 18.4 351°.07 2°.0/17.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 4.89	− 3 22.4	0.923	1.852	17.7	20.5
8 29	0 0.64	− 3 56.9	0.873	1.846	12.4	20.2
9 8	23 53.50	− 4 44.2	0.842	1.840	6.4	19.8
9 18	23 44.61	− 5 35.5	0.832	1.836	2.0	19.6
9 28	23 35.65	− 6 19.8	0.843	1.833	7.4	19.9
10 8	23 28.35	− 6 47.5	0.876	1.831	13.3	20.2
10 18	23 23.94	− 6 53.2	0.927	1.830	18.6	20.5
10 28	23 23.10	− 6 35.1	0.995	1.831	22.9	20.8

476903 2008 WS_{30} 9 18.4 311°.64 1°.9/19.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 4.85	+ 4 19.4	1.458	2.348	15.0	21.1
8 29	0 0.12	+ 4 6.6	1.373	2.323	11.0	20.8
9 8	23 53.13	+ 3 36.4	1.309	2.298	6.5	20.5
9 18	23 44.60	+ 2 51.9	1.270	2.273	2.1	20.1
9 28	23 35.69	+ 1 59.2	1.257	2.249	4.7	20.3
10 8	23 27.68	+ 1 6.4	1.268	2.225	9.8	20.5
10 18	23 21.69	+ 0 21.3	1.302	2.202	14.5	20.7
10 28	23 18.52	− 0 9.7	1.356	2.179	18.6	20.9

462843 2010 UH_{13} 9 18.4 23°.45 3°.6/16.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 8.12	− 7 28.8	1.001	1.928	16.8	19.6
8 29	0 2.54	− 8 2.5	0.964	1.935	11.7	19.4
9 8	23 54.29	− 8 40.7	0.947	1.943	6.3	19.1
9 18	23 44.64	− 9 14.4	0.951	1.952	3.8	19.0
9 28	23 35.23	− 9 34.6	0.979	1.962	8.0	19.3
10 8	23 27.62	− 9 35.6	1.029	1.973	13.1	19.6
10 18	23 22.83	− 9 15.7	1.098	1.985	17.7	19.9
10 28	23 21.38	− 8 35.7	1.184	1.998	21.4	20.2

289879 2005 MV_{24} 9 18.5 3°.32 3°.1/15.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 3.87	− 7 18.7	1.809	2.718	11.5	20.6
8 29	23 58.83	− 8 26.5	1.754	2.718	7.9	20.4
9 8	23 52.15	− 9 38.7	1.724	2.718	4.4	20.1
9 18	23 44.55	−10 48.2	1.721	2.718	3.3	20.1
9 28	23 36.96	−11 47.7	1.745	2.718	6.3	20.3
10 8	23 30.30	−12 31.4	1.795	2.718	9.9	20.5
10 18	23 25.32	−12 56.3	1.869	2.719	13.2	20.7
10 28	23 22.51	−13 1.5	1.962	2.719	16.0	20.9

321580 2009 TF_{46} 9 18.5 297°.80 1°.0/20.5 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	23 56.95	+ 5 20.2	4.192	5.050	6.7	20.9
8 29	23 53.36	+ 4 56.8	4.107	5.039	4.9	20.8
9 8	23 49.09	+ 4 26.7	4.048	5.029	2.9	20.6
9 18	23 44.42	+ 3 51.4	4.018	5.018	1.2	20.5
9 28	23 39.71	+ 3 13.3	4.018	5.008	1.9	20.6
10 8	23 35.33	+ 2 34.9	4.047	4.998	3.9	20.7
10 18	23 31.59	+ 1 58.7	4.106	4.987	5.9	20.8
10 28	23 28.79	+ 1 27.1	4.190	4.977	7.6	20.9

50634 2000 EO_{75} 9 18.5 354°.91 8°.3/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.94	+ 5 39.5	0.996	1.878	20.9	16.9
8 29	0 13.82	+ 8 33.1	0.932	1.870	16.3	16.6
9 8	0 0.75	+11 18.6	0.890	1.864	11.5	16.3
9 18	23 44.95	+13 45.0	0.872	1.860	8.4	16.1
9 28	23 28.59	+15 43.2	0.879	1.857	9.8	16.2
10 8	23 14.09	+17 11.1	0.910	1.856	14.2	16.4
10 18	23 3.29	+18 13.4	0.962	1.858	18.8	16.7
10 28	22 57.20	+18 59.7	1.032	1.861	22.8	17.0

244343 2002 JM_{120} 9 18.5 190°.11 3°.7/14.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 4.58	− 8 46.5	1.936	2.843	11.0	20.3
8 29	23 59.27	−10 16.1	1.880	2.842	7.6	20.1
9 8	23 52.37	−11 49.2	1.850	2.842	4.5	19.9
9 18	23 44.57	−13 17.9	1.848	2.840	4.0	19.9
9 28	23 36.75	−14 34.4	1.874	2.838	6.8	20.0
10 8	23 29.81	−15 32.9	1.927	2.836	10.2	20.2
10 18	23 24.47	−16 10.2	2.003	2.834	13.3	20.4
10 28	23 21.24	−16 25.7	2.099	2.831	15.8	20.6

208936 2002 VG_{42} 9 18.5 344°.49 1°.3/19.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 5.60	+ 2 48.3	1.629	2.518	13.8	19.9
8 29	0 0.25	+ 2 39.8	1.563	2.513	9.9	19.6
9 8	23 53.00	+ 2 18.2	1.520	2.509	5.6	19.4
9 18	23 44.61	+ 1 46.7	1.502	2.506	1.5	19.1
9 28	23 36.14	+ 1 11.0	1.511	2.503	4.2	19.3
10 8	23 28.67	+ 0 37.2	1.546	2.500	8.7	19.5
10 18	23 23.07	+ 0 10.7	1.605	2.498	12.7	19.8
10 28	23 19.94	− 0 4.3	1.685	2.496	16.1	20.0

507484 2012 TS_{325} 9 18.5 256°.71 5°.2/12.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 4.46	−12 12.2	1.714	2.629	11.7	20.8
8 29	23 59.38	−13 47.7	1.662	2.624	8.4	20.6
9 8	23 52.50	−15 23.8	1.634	2.620	5.7	20.4
9 18	23 44.59	−16 51.4	1.632	2.616	5.7	20.4
9 28	23 36.66	−18 1.7	1.657	2.611	8.5	20.6
10 8	23 29.71	−18 49.1	1.708	2.607	11.8	20.8
10 18	23 24.56	−19 11.2	1.780	2.602	15.0	21.0
10 28	23 21.75	−19 8.6	1.870	2.598	17.7	21.2

515361 2013 CJ_{162} 9 18.5 133°.90 0°.8/17.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 3.87	− 1 48.6	2.099	2.992	10.9	21.4
8 29	23 58.65	− 2 34.4	2.039	2.995	7.5	21.2
9 8	23 52.01	− 3 27.9	2.004	2.998	3.8	21.0
9 18	23 44.58	− 4 24.4	1.996	3.000	0.9	20.7
9 28	23 37.15	− 5 18.1	2.017	3.003	4.2	21.0
10 8	23 30.52	− 6 3.8	2.066	3.005	7.8	21.2
10 18	23 25.35	− 6 37.5	2.140	3.007	11.1	21.4
10 28	23 22.10	− 6 56.9	2.236	3.010	13.8	21.6

128767 2004 RL_{192} 9 18.5 340°.58 4°.7/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 3.86	+12 40.7	1.890	2.735	14.1	19.2
8 29	23 58.93	+12 52.3	1.815	2.729	11.1	19.0
9 8	23 52.29	+12 45.0	1.761	2.723	7.8	18.8
9 18	23 44.60	+12 19.4	1.732	2.717	5.2	18.6
9 28	23 36.78	+11 38.9	1.730	2.712	5.2	18.6
10 8	23 29.77	+10 49.4	1.754	2.708	7.8	18.7
10 18	23 24.38	+ 9 57.3	1.803	2.704	11.1	18.9
10 28	23 21.20	+ 9 9.5	1.875	2.700	14.1	19.1

218224 2002 VY_{64} 9 18.5 354°.62 1°.3/17.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 8.69	− 3 53.9	1.157	2.072	16.1	19.1
8 29	0 2.93	− 3 58.7	1.103	2.068	11.3	18.8
9 8	23 54.58	− 4 11.6	1.069	2.065	5.8	18.5
9 18	23 44.71	− 4 27.2	1.058	2.063	1.3	18.2
9 28	23 34.81	− 4 38.4	1.072	2.061	6.2	18.5
10 8	23 26.41	− 4 39.4	1.109	2.061	11.6	18.8
10 18	23 20.60	− 4 26.6	1.168	2.061	16.3	19.1
10 28	23 18.05	− 3 58.2	1.244	2.063	20.3	19.4

284634 2007 VK_{267} 9 18.5 167°.58 1°.5/20.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 0.80	+ 6 37.9	3.571	4.421	7.9	21.2
8 29	23 56.10	+ 6 25.3	3.497	4.423	5.9	21.0
9 8	23 50.55	+ 6 4.6	3.448	4.425	3.6	20.9
9 18	23 44.53	+ 5 37.4	3.429	4.427	1.7	20.7
9 28	23 38.50	+ 5 6.1	3.440	4.429	2.4	20.8
10 8	23 32.90	+ 4 33.6	3.481	4.431	4.5	20.9
10 18	23 28.13	+ 4 2.7	3.550	4.432	6.7	21.1
10 28	23 24.53	+ 3 36.1	3.644	4.433	8.6	21.2

449492 2014 FN_{51} 9 18.5 118°.40 1°.1/19.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 3.76	+ 4 33.1	1.899	2.777	12.6	21.3
8 29	23 58.73	+ 3 49.2	1.834	2.779	9.0	21.0
9 8	23 52.12	+ 2 50.9	1.794	2.782	5.1	20.8
9 18	23 44.61	+ 1 42.6	1.780	2.784	1.3	20.6
9 28	23 37.09	+ 0 31.0	1.795	2.786	3.7	20.7
10 8	23 30.44	− 0 37.1	1.836	2.788	7.7	21.0
10 18	23 25.37	− 1 35.6	1.904	2.790	11.3	21.2
10 28	23 22.39	− 2 20.1	1.993	2.792	14.4	21.4

343468 2010 EX_{68} 9 18.5 200°.79 1°.5/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 7.34	− 4 23.3	2.192	3.083	10.6	21.9
8 29	0 1.08	− 5 2.2	2.124	3.080	7.3	21.7
9 8	23 53.31	− 5 46.6	2.082	3.075	3.8	21.5
9 18	23 44.67	− 6 31.9	2.068	3.070	1.5	21.3
9 28	23 35.99	− 7 12.8	2.083	3.065	4.6	21.5
10 8	23 28.10	− 7 44.7	2.127	3.059	8.1	21.7
10 18	23 21.70	− 8 4.5	2.196	3.052	11.3	21.9
10 28	23 17.29	− 8 10.5	2.287	3.045	14.0	22.1

223897 2004 VL_{27} 9 18.5 326°.37 2°.7/15.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 5.77	− 8 57.7	2.169	3.070	10.2	20.0
8 29	23 59.96	− 9 28.0	2.109	3.068	7.1	19.8
9 8	23 52.70	− 9 59.5	2.075	3.067	4.0	19.6
9 18	23 44.65	−10 27.7	2.068	3.066	2.8	19.5
9 28	23 36.60	−10 48.1	2.090	3.064	5.3	19.7
10 8	23 29.38	−10 57.0	2.139	3.063	8.5	19.9
10 18	23 23.65	−10 52.8	2.214	3.062	11.5	20.1
10 28	23 19.86	−10 34.8	2.309	3.061	14.0	20.2

101518 1998 XF_{45} 9 18.5 237°.74 3°.0/21.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 8.27	+ 8 27.3	1.961	2.815	13.2	19.4
8 29	0 2.04	+ 8 19.7	1.874	2.801	10.0	19.1
9 8	23 53.96	+ 7 55.7	1.811	2.787	6.4	18.9
9 18	23 44.71	+ 7 17.2	1.775	2.772	3.3	18.7
9 28	23 35.23	+ 6 28.3	1.767	2.756	4.2	18.7
10 8	23 26.52	+ 5 35.2	1.787	2.739	7.8	18.9
10 18	23 19.46	+ 4 44.1	1.833	2.722	11.6	19.1
10 28	23 14.69	+ 4 1.0	1.902	2.704	14.8	19.3

394955 2008 YJ_{68} 9 18.5 307°.40 7°.4/10.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 3.70	−17 9.1	1.572	2.491	12.3	20.1
8 29	23 59.12	−18 56.8	1.514	2.473	9.4	19.9
9 8	23 52.50	−20 41.4	1.481	2.457	7.5	19.7
9 18	23 44.65	−22 12.0	1.473	2.440	8.2	19.8
9 28	23 36.65	−23 18.8	1.489	2.424	10.9	19.9
10 8	23 29.67	−23 56.0	1.529	2.408	14.2	20.0
10 18	23 24.65	−24 2.2	1.588	2.392	17.4	20.2
10 28	23 22.20	−23 39.2	1.664	2.377	20.0	20.4

516113 2015 UZ_{33} 9 18.5 56°.37 2°.5/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 4.86	− 7 33.9	2.000	2.903	10.8	21.2
8 29	23 59.35	− 8 15.8	1.951	2.913	7.5	21.0
9 8	23 52.38	− 9 0.2	1.928	2.922	4.0	20.8
9 18	23 44.64	− 9 41.9	1.932	2.931	2.7	20.8
9 28	23 36.99	−10 15.5	1.965	2.941	5.4	20.9
10 8	23 30.26	−10 36.9	2.024	2.950	8.8	21.2
10 18	23 25.09	−10 43.9	2.107	2.960	11.8	21.4
10 28	23 21.93	−10 35.9	2.211	2.970	14.4	21.6

304270 2006 RF_{98} 9 18.5 302°.38 1°.6/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 6.11	+ 4 12.5	1.873	2.749	12.8	20.6
8 29	0 0.44	+ 4 3.6	1.803	2.746	9.3	20.4
9 8	23 53.07	+ 3 41.9	1.757	2.743	5.4	20.2
9 18	23 44.68	+ 3 10.2	1.738	2.740	1.9	19.9
9 28	23 36.21	+ 2 33.1	1.746	2.737	3.9	20.1
10 8	23 28.63	+ 1 56.4	1.781	2.734	7.8	20.3
10 18	23 22.72	+ 1 25.2	1.842	2.731	11.5	20.5
10 28	23 19.04	+ 1 3.7	1.925	2.728	14.6	20.7

220731 2004 SM_{59} 9 18.5 322°.74 2°.6/21.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 5.11	+ 7 3.2	2.082	2.945	12.3	19.6
8 29	23 59.65	+ 7 6.3	2.008	2.940	9.2	19.4
9 8	23 52.63	+ 6 56.0	1.957	2.935	5.8	19.2
9 18	23 44.67	+ 6 34.0	1.933	2.930	2.9	19.0
9 28	23 36.61	+ 6 4.0	1.936	2.926	3.8	19.0
10 8	23 29.32	+ 5 30.8	1.968	2.921	7.1	19.2
10 18	23 23.53	+ 4 59.3	2.025	2.917	10.5	19.4
10 28	23 19.76	+ 4 34.2	2.105	2.913	13.4	19.6

258506 2002 AX_{114} 9 18.5 315°.85 4°.1/22.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 5.84	+10 8.8	1.856	2.711	13.9	20.0
8 29	0 0.41	+10 26.6	1.776	2.699	10.7	19.8
9 8	23 53.13	+10 27.7	1.718	2.687	7.3	19.6
9 18	23 44.70	+10 12.6	1.685	2.675	4.5	19.4
9 28	23 36.06	+ 9 44.3	1.679	2.664	4.9	19.4
10 8	23 28.22	+ 9 8.3	1.699	2.653	8.0	19.5
10 18	23 22.07	+ 8 30.5	1.745	2.643	11.5	19.7
10 28	23 18.23	+ 7 57.1	1.813	2.633	14.8	19.9

220735 2004 TO_{15} 9 18.5 282°.46 1°.2/17.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 4.81	− 3 59.6	2.219	3.113	10.3	20.5
8 29	23 59.34	− 4 26.2	2.147	3.104	7.2	20.2
9 8	23 52.43	− 4 58.1	2.101	3.095	3.7	20.0
9 18	23 44.67	− 5 31.5	2.083	3.087	1.2	19.8
9 28	23 36.84	− 6 1.6	2.093	3.078	4.2	20.0
10 8	23 29.74	− 6 24.3	2.132	3.069	7.8	20.2
10 18	23 24.04	− 6 36.6	2.195	3.060	11.0	20.4
10 28	23 20.23	− 6 36.5	2.281	3.051	13.7	20.6

212815 2007 TF_{430} 9 18.5 290°.62 4°.0/14.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 6.23	−10 39.5	1.793	2.702	11.6	20.0
8 29	0 0.54	−11 33.7	1.737	2.699	8.1	19.8
9 8	23 53.12	−12 28.7	1.706	2.697	4.9	19.6
9 18	23 44.70	−13 17.7	1.701	2.694	4.2	19.6
9 28	23 36.30	−13 54.3	1.724	2.691	7.0	19.7
10 8	23 28.88	−14 13.8	1.772	2.688	10.5	20.0
10 18	23 23.24	−14 14.3	1.843	2.685	13.7	20.2
10 28	23 19.89	−13 56.1	1.934	2.683	16.5	20.4

384737 2011 LK_{5} 9 18.5 39°.79 3°.4/15.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 4.45	− 6 26.3	1.409	2.326	13.6	19.9
8 29	23 59.50	− 7 41.7	1.368	2.335	9.3	19.6
9 8	23 52.60	− 9 2.6	1.350	2.345	5.1	19.4
9 18	23 44.68	−10 20.0	1.357	2.355	3.6	19.4
9 28	23 36.88	−11 24.6	1.390	2.366	7.1	19.6
10 8	23 30.33	−12 9.8	1.447	2.378	11.3	19.9
10 18	23 25.84	−12 32.3	1.526	2.389	15.0	20.1
10 28	23 23.90	−12 32.1	1.625	2.401	18.0	20.4

448383 2009 OX_{10} 9 18.5 9°.04 6°.4/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 2.17	+17 9.7	1.702	2.533	16.0	19.8
8 29	23 57.87	+17 17.7	1.636	2.535	13.0	19.6
9 8	23 51.79	+17 0.8	1.590	2.538	9.8	19.5
9 18	23 44.65	+16 19.5	1.567	2.541	7.1	19.3
9 28	23 37.44	+15 17.9	1.569	2.545	6.5	19.3
10 8	23 31.19	+14 3.5	1.597	2.551	8.5	19.4
10 18	23 26.69	+12 44.8	1.649	2.556	11.5	19.6
10 28	23 24.53	+11 30.4	1.724	2.563	14.5	19.8

450528 2006 BD_{107} 9 18.5 266°.23 1°.1/19.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 4.02	+ 3 31.0	2.303	3.176	10.9	21.9
8 29	23 58.78	+ 3 12.3	2.225	3.167	7.8	21.7
9 8	23 52.15	+ 2 42.8	2.171	3.157	4.5	21.5
9 18	23 44.67	+ 2 5.5	2.144	3.148	1.3	21.2
9 28	23 37.09	+ 1 24.5	2.147	3.138	3.3	21.4
10 8	23 30.18	+ 0 44.6	2.178	3.128	6.8	21.6
10 18	23 24.58	+ 0 10.1	2.235	3.118	10.0	21.8
10 28	23 20.81	− 0 15.3	2.315	3.108	12.8	21.9

103803 2000 DJ_{17} 9 18.5 105°.30 5°.3/20.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 23.32	+ 5 39.4	1.095	1.970	19.9	18.6
8 29	0 13.51	+ 7 7.4	1.039	1.977	15.0	18.3
9 8	0 0.31	+ 8 19.0	1.005	1.984	9.7	18.0
9 18	23 45.06	+ 9 11.0	0.995	1.991	5.6	17.8
9 28	23 29.79	+ 9 43.6	1.011	1.997	7.2	18.0
10 8	23 16.51	+10 1.5	1.051	2.003	12.0	18.2
10 18	23 6.68	+10 11.6	1.114	2.009	16.8	18.5
10 28	23 1.01	+10 21.6	1.196	2.015	20.9	18.8

260242 2004 RE_{322} 9 18.5 281°.68 3°.5/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 1.53	+12 59.9	2.232	3.070	12.4	19.9
8 29	23 57.11	+12 23.6	2.151	3.064	9.7	19.7
9 8	23 51.29	+11 28.4	2.094	3.058	6.6	19.5
9 18	23 44.65	+10 16.6	2.062	3.052	4.0	19.4
9 28	23 37.93	+ 8 53.2	2.059	3.046	4.0	19.4
10 8	23 31.89	+ 7 24.8	2.085	3.040	6.7	19.5
10 18	23 27.18	+ 5 58.5	2.137	3.034	9.8	19.7
10 28	23 24.30	+ 4 40.6	2.213	3.028	12.6	19.9

327064 2004 TE_{205} 9 18.5 298°.23 9°.1/ 8.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 10.48	−29 43.3	2.127	3.006	11.4	20.4
8 29	0 3.47	−30 35.3	2.072	2.988	9.8	20.3
9 8	23 54.64	−31 12.4	2.042	2.970	9.1	20.2
9 18	23 44.81	−31 28.0	2.036	2.952	9.7	20.2
9 28	23 34.99	−31 17.4	2.055	2.934	11.3	20.3
10 8	23 26.24	−30 39.7	2.098	2.916	13.3	20.4
10 18	23 19.34	−29 36.9	2.162	2.899	15.4	20.5
10 28	23 14.83	−28 13.1	2.243	2.881	17.2	20.7

208240 2000 SK_{359} 9 18.5 37°.41 2°.9/20.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 6.49	+ 6 33.5	1.031	1.930	18.9	19.9
8 29	0 1.40	+ 6 17.3	0.991	1.943	13.9	19.6
9 8	23 53.77	+ 5 36.8	0.969	1.957	8.3	19.4
9 18	23 44.76	+ 4 37.7	0.970	1.971	3.3	19.1
9 28	23 35.95	+ 3 29.6	0.993	1.986	5.4	19.3
10 8	23 28.81	+ 2 23.8	1.040	2.002	10.6	19.7
10 18	23 24.36	+ 1 29.8	1.108	2.019	15.5	20.0
10 28	23 23.11	+ 0 53.7	1.194	2.036	19.5	20.3

395004 2009 BB_{133} 9 18.5 151°.18 1°.0/19.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 5.43	+ 3 22.3	1.876	2.756	12.6	21.7
8 29	23 59.94	+ 2 53.6	1.811	2.757	9.0	21.5
9 8	23 52.81	+ 2 12.0	1.770	2.759	5.1	21.3
9 18	23 44.73	+ 1 21.5	1.756	2.760	1.2	21.0
9 28	23 36.62	+ 0 27.8	1.770	2.761	3.8	21.2
10 8	23 29.41	− 0 22.8	1.811	2.762	7.9	21.5
10 18	23 23.85	− 1 4.9	1.878	2.763	11.5	21.7
10 28	23 20.47	− 1 34.6	1.966	2.764	14.6	21.9

513370 2008 EU_{86} 9 18.5 242.°09 1.°6/16.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 4.19	− 4 14.4	2.097	2.995	10.7	21.2
8 29	23 58.95	− 5 0.4	2.033	2.992	7.4	21.0
9 8	23 52.25	− 5 52.3	1.994	2.989	3.8	20.7
9 18	23 44.70	− 6 45.2	1.983	2.986	1.6	20.6
9 28	23 37.13	− 7 33.4	2.001	2.982	4.7	20.8
10 8	23 30.34	− 8 11.9	2.045	2.979	8.2	21.0
10 18	23 25.01	− 8 37.2	2.115	2.976	11.5	21.2
10 28	23 21.63	− 8 47.5	2.206	2.973	14.2	21.4

44103 Aldana 9 18.5 112.°14 5.°0/14.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 8.93	−11 3.5	1.449	2.362	13.5	18.4
8 29	0 2.62	−12 19.9	1.408	2.372	9.5	18.1
9 8	23 54.26	−13 36.3	1.391	2.381	5.9	18.0
9 18	23 44.80	−14 43.4	1.399	2.389	5.4	18.0
9 28	23 35.51	−15 32.6	1.434	2.398	8.4	18.2
10 8	23 27.57	−15 58.9	1.492	2.406	12.2	18.4
10 18	23 21.85	−16 1.0	1.573	2.414	15.7	18.7
10 28	23 18.84	−15 40.2	1.672	2.422	18.6	18.9

166603 2002 RY_{212} 9 18.5 75.°62 3.°4/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 4.54	+11 7.8	1.768	2.623	14.5	19.5
8 29	23 59.31	+10 33.4	1.714	2.639	10.9	19.4
9 8	23 52.46	+ 9 38.7	1.682	2.654	7.1	19.2
9 18	23 44.72	+ 8 27.3	1.675	2.670	3.9	19.0
9 28	23 37.08	+ 7 5.8	1.696	2.686	4.3	19.1
10 8	23 30.44	+ 5 42.5	1.745	2.701	7.6	19.3
10 18	23 25.55	+ 4 25.1	1.819	2.717	11.1	19.6
10 28	23 22.86	+ 3 19.6	1.915	2.732	14.2	19.8

291902 2006 QG_{8} 9 18.5 53.°41 1.°6/19.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 10.81	+ 2 28.1	1.221	2.117	16.8	20.0
8 29	0 4.20	+ 2 30.8	1.175	2.128	12.1	19.7
9 8	23 55.18	+ 2 18.1	1.150	2.140	6.8	19.5
9 18	23 44.86	+ 1 53.9	1.149	2.153	1.8	19.2
9 28	23 34.70	+ 1 24.9	1.173	2.165	5.0	19.4
10 8	23 26.11	+ 0 58.4	1.222	2.178	10.2	19.8
10 18	23 20.08	+ 0 40.3	1.293	2.192	14.7	20.1
10 28	23 17.16	+ 0 34.9	1.384	2.205	18.4	20.4

227391 2005 UW_{319} 9 18.5 247.°40 2.°3/20.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 6.39	+ 7 6.1	1.786	2.654	13.7	21.1
8 29	0 0.83	+ 6 41.3	1.706	2.643	10.2	20.8
9 8	23 53.40	+ 5 59.1	1.649	2.631	6.2	20.6
9 18	23 44.79	+ 5 2.4	1.618	2.619	2.7	20.3
9 28	23 35.99	+ 3 56.9	1.615	2.606	4.1	20.4
10 8	23 28.05	+ 2 50.1	1.639	2.593	8.2	20.6
10 18	23 21.85	+ 1 49.2	1.689	2.580	12.2	20.8
10 28	23 18.02	+ 1 0.2	1.760	2.567	15.7	21.0

475993 2007 RF 9 18.5 258.°04 3.°7/21.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 11.27	+ 7 54.8	1.860	2.715	13.8	21.2
8 29	0 4.24	+ 8 26.4	1.779	2.705	10.5	21.0
9 8	23 55.20	+ 8 43.9	1.722	2.695	6.9	20.7
9 18	23 44.88	+ 8 47.5	1.692	2.686	4.0	20.6
9 28	23 34.33	+ 8 39.6	1.689	2.675	4.8	20.6
10 8	23 24.65	+ 8 24.6	1.715	2.665	8.3	20.8
10 18	23 16.80	+ 8 7.6	1.766	2.655	11.9	21.0
10 28	23 11.45	+ 7 54.0	1.839	2.644	15.2	21.2

208151 2000 FV_{67} 9 18.5 57.°24 0.°2/18.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 5.06	− 0 7.7	1.809	2.702	12.4	20.7
8 29	23 59.70	− 0 44.2	1.751	2.706	8.7	20.5
9 8	23 52.69	− 1 30.9	1.717	2.710	4.5	20.2
9 18	23 44.75	− 2 22.8	1.709	2.714	0.3	19.9
9 28	23 36.83	− 3 13.6	1.729	2.718	4.3	20.2
10 8	23 29.87	− 3 57.4	1.777	2.723	8.4	20.5
10 18	23 24.58	− 4 29.6	1.848	2.727	12.0	20.7
10 28	23 21.50	− 4 47.3	1.941	2.732	15.0	21.0

186779 2004 DB_{35} 9 18.5 88.°45 2.°9/21.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 6.17	+ 8 48.9	1.489	2.361	15.8	20.2
8 29	0 0.72	+ 8 11.2	1.434	2.371	11.7	20.0
9 8	23 53.29	+ 7 11.8	1.401	2.382	7.3	19.7
9 18	23 44.78	+ 5 55.4	1.393	2.392	3.3	19.5
9 28	23 36.33	+ 4 30.2	1.411	2.403	4.5	19.6
10 8	23 29.08	+ 3 5.6	1.456	2.413	8.7	19.9
10 18	23 23.87	+ 1 50.4	1.525	2.424	12.8	20.2
10 28	23 21.24	+ 0 50.8	1.615	2.434	16.3	20.5

132664 2002 MB_{3} 9 18.5 54.°27 8.°7/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 8.60	+21 31.5	1.591	2.393	18.2	18.8
8 29	0 2.42	+22 12.4	1.542	2.414	15.2	18.7
9 8	23 54.19	+22 24.2	1.512	2.435	12.1	18.6
9 18	23 44.83	+22 5.9	1.504	2.456	9.6	18.5
9 28	23 35.56	+21 20.5	1.520	2.478	8.7	18.5
10 8	23 27.54	+20 15.7	1.561	2.499	10.0	18.6
10 18	23 21.67	+19 0.9	1.626	2.521	12.4	18.8
10 28	23 18.49	+17 46.0	1.712	2.543	15.0	19.0

358813 2008 EJ_{116} 9 18.5 72.°78 0.°5/17.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 3.68	− 0 48.6	2.040	2.932	11.2	21.4
8 29	23 58.60	− 1 32.5	1.981	2.936	7.8	21.2
9 8	23 52.07	− 2 25.1	1.946	2.940	4.0	21.0
9 18	23 44.73	− 3 21.6	1.939	2.944	0.5	20.7
9 28	23 37.41	− 4 16.3	1.960	2.948	4.1	21.0
10 8	23 30.91	− 5 3.5	2.009	2.952	7.8	21.2
10 18	23 25.89	− 5 39.2	2.083	2.956	11.1	21.4
10 28	23 22.82	− 6 0.8	2.179	2.960	13.9	21.6

300526 2007 TS_{215} 9 18.5 54.°87 1.°4/17.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 7.57	− 4 2.1	1.731	2.631	12.5	20.3
8 29	0 1.48	− 4 26.7	1.676	2.635	8.6	20.1
9 8	23 53.63	− 4 57.6	1.646	2.640	4.4	19.9
9 18	23 44.81	− 5 29.6	1.642	2.645	1.4	19.7
9 28	23 36.04	− 5 57.1	1.665	2.650	5.0	19.9
10 8	23 28.33	− 6 15.3	1.715	2.656	9.1	20.2
10 18	23 22.47	− 6 21.2	1.789	2.661	12.7	20.4
10 28	23 18.96	− 6 13.1	1.884	2.666	15.7	20.7

216030 2005 XR_{79} 9 18.5 152.°08 0.°5/17.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 2.32	− 1 0.6	2.517	3.404	9.6	20.7
8 29	23 57.45	− 1 46.0	2.454	3.407	6.6	20.5
9 8	23 51.41	− 2 38.6	2.417	3.410	3.4	20.3
9 18	23 44.71	− 3 34.3	2.408	3.412	0.5	20.1
9 28	23 38.00	− 4 28.3	2.428	3.415	3.5	20.3
10 8	23 31.95	− 5 16.1	2.477	3.417	6.7	20.5
10 18	23 27.08	− 5 54.2	2.553	3.419	9.6	20.7
10 28	23 23.82	− 6 20.2	2.651	3.421	12.0	20.9

436217 2009 YA_{8} 9 18.5 293.°81 5.°6/13.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 5.93	−12 31.5	1.519	2.436	12.8	20.6
8 29	0 0.68	−13 52.9	1.462	2.426	9.2	20.4
9 8	23 53.37	−15 14.8	1.428	2.416	6.2	20.2
9 18	23 44.81	−16 27.8	1.420	2.405	6.0	20.1
9 28	23 36.17	−17 22.6	1.437	2.395	9.0	20.3
10 8	23 28.64	−17 53.4	1.478	2.385	12.8	20.5
10 18	23 23.14	−17 58.0	1.540	2.376	16.3	20.7
10 28	23 20.29	−17 37.5	1.620	2.366	19.3	20.9

521854 2015 TO_{374} 9 18.5 59.°83 0.°3/18.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 1.42	+ 1 17.9	2.105	2.993	11.1	21.1
8 29	23 56.98	+ 0 7.7	2.048	3.001	7.7	20.9
9 8	23 51.21	− 1 13.3	2.016	3.009	4.0	20.7
9 18	23 44.70	− 2 39.5	2.013	3.017	0.3	20.4
9 28	23 38.23	− 4 3.9	2.038	3.026	3.9	20.7
10 8	23 32.53	− 5 20.1	2.091	3.034	7.5	21.0
10 18	23 28.21	− 6 23.1	2.170	3.043	10.7	21.2
10 28	23 25.70	− 7 9.6	2.272	3.052	13.4	21.4

398161 2010 FX_{24} 9 18.5 139.°15 1.°2/17.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 9.89	− 4 16.3	2.036	2.925	11.4	21.2
8 29	0 2.88	− 4 33.1	1.979	2.933	7.9	21.0
9 8	23 54.29	− 4 54.6	1.948	2.941	4.0	20.8
9 18	23 44.86	− 5 16.8	1.945	2.949	1.2	20.6
9 28	23 35.49	− 5 35.4	1.971	2.956	4.4	20.8
10 8	23 27.10	− 5 46.4	2.026	2.963	8.1	21.1
10 18	23 20.39	− 5 47.4	2.106	2.969	11.4	21.3
10 28	23 15.84	− 5 36.9	2.208	2.975	14.2	21.5

26101 1990 QQ_{6} 9 18.5 61.°36 1.°5/17.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 7.94	− 2 20.0	1.311	2.218	15.1	18.3
8 29	0 1.97	− 3 10.5	1.274	2.237	10.4	18.0
9 8	23 53.93	− 4 10.9	1.260	2.255	5.3	17.8
9 18	23 44.85	− 5 13.2	1.270	2.274	1.5	17.6
9 28	23 36.02	− 6 8.7	1.306	2.293	5.8	17.9
10 8	23 28.65	− 6 50.3	1.367	2.312	10.5	18.3
10 18	23 23.56	− 7 13.9	1.451	2.331	14.6	18.6
10 28	23 21.23	− 7 18.1	1.554	2.350	17.9	18.8

81876 2000 LN_{7} 9 18.5 196.°20 8.°2/ 8.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 6.71	−26 14.1	2.158	3.050	10.7	19.6
8 29	0 0.76	−27 41.6	2.121	3.049	9.0	19.5
9 8	23 53.22	−28 57.3	2.108	3.047	8.2	19.4
9 18	23 44.82	−29 53.7	2.122	3.045	8.9	19.5
9 28	23 36.46	−30 25.7	2.160	3.043	10.6	19.6
10 8	23 29.06	−30 31.4	2.222	3.041	12.6	19.7
10 18	23 23.32	−30 11.7	2.304	3.038	14.6	19.8
10 28	23 19.72	−29 29.8	2.403	3.035	16.3	20.0

402160 2004 RB_{228} 9 18.5 307.°60 0.°9/17.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 6.21	− 3 34.4	2.085	2.979	11.0	20.8
8 29	0 0.42	− 3 49.6	2.016	2.972	7.6	20.5
9 8	23 53.07	− 4 10.4	1.972	2.966	3.9	20.3
9 18	23 44.82	− 4 32.9	1.955	2.959	0.9	20.1
9 28	23 36.51	− 4 52.8	1.967	2.953	4.2	20.3
10 8	23 29.01	− 5 6.1	2.006	2.947	7.9	20.5
10 18	23 23.02	− 5 9.9	2.071	2.941	11.3	20.7
10 28	23 19.05	− 5 2.2	2.157	2.935	14.1	20.9

446240 2013 GO_{129} 9 18.5 34°.40 7°.6/ 9.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 2.99	−19 56.0	1.726	2.641	11.6	19.4
8 29	23 58.30	−21 39.2	1.700	2.653	9.0	19.3
9 8	23 51.95	−23 12.9	1.699	2.665	7.7	19.2
9 18	23 44.76	−24 28.3	1.723	2.678	8.3	19.3
9 28	23 37.71	−25 18.7	1.771	2.692	10.4	19.5
10 8	23 31.75	−25 41.3	1.843	2.705	13.0	19.7
10 18	23 27.57	−25 36.6	1.935	2.720	15.4	19.9
10 28	23 25.61	−25 7.6	2.044	2.734	17.4	20.1

365703 2010 VE_{130} 9 18.5 290°.05 2°.6/21.4 18

8 19	0 3.22	+ 8 22.5	2.116	2.975	12.2	20.8
8 29	23 58.41	+ 8 3.4	2.031	2.961	9.2	20.6
9 8	23 52.07	+ 7 28.7	1.971	2.948	5.9	20.4
9 18	23 44.78	+ 6 40.6	1.936	2.934	2.9	20.2
9 28	23 37.33	+ 5 43.7	1.930	2.920	3.7	20.2
10 8	23 30.56	+ 4 43.8	1.951	2.906	7.1	20.4
10 18	23 25.20	+ 3 46.9	1.999	2.893	10.5	20.6
10 28	23 21.81	+ 2 58.5	2.069	2.879	13.5	20.8

358865 2008 FF_{107} 9 18.5 221°.52 1°.3/20.2 18

8 19	0 1.98	+ 6 20.7	2.144	3.014	11.7	21.0
8 29	23 57.43	+ 5 22.9	2.073	3.012	8.5	20.8
9 8	23 51.49	+ 4 9.9	2.026	3.011	4.9	20.5
9 18	23 44.75	+ 2 46.1	2.007	3.010	1.6	20.3
9 28	23 37.96	+ 1 17.8	2.017	3.008	3.4	20.4
10 8	23 31.91	− 0 7.8	2.055	3.007	7.0	20.7
10 18	23 27.22	− 1 24.5	2.119	3.005	10.4	20.9
10 28	23 24.38	− 2 27.4	2.207	3.003	13.3	21.1

60897 2000 JP_{24} 9 18.5 39°.97 0°.2/18.4 18

8 19	0 12.08	− 1 41.1	1.120	2.028	17.1	18.3
8 29	0 5.31	− 1 40.9	1.073	2.034	12.0	18.0
9 8	23 55.88	− 1 51.9	1.046	2.040	6.3	17.7
9 18	23 44.97	− 2 8.7	1.043	2.047	0.3	17.3
9 28	23 34.18	− 2 24.6	1.064	2.055	5.8	17.8
10 8	23 25.08	− 2 33.0	1.109	2.062	11.3	18.1
10 18	23 18.77	− 2 29.6	1.175	2.070	16.1	18.4
10 28	23 15.84	− 2 11.9	1.260	2.079	20.0	18.7

446582 2014 OF_{245} 9 18.5 104°.66 1°.3/17.1 18

8 19	0 5.12	− 4 16.6	2.182	3.077	10.5	20.8
8 29	23 59.54	− 4 47.6	2.122	3.079	7.2	20.6
9 8	23 52.57	− 5 23.6	2.088	3.082	3.7	20.4
9 18	23 44.81	− 6 0.4	2.081	3.084	1.4	20.2
9 28	23 37.07	− 6 33.2	2.103	3.086	4.3	20.4
10 8	23 30.13	− 6 57.8	2.153	3.089	7.8	20.7
10 18	23 24.63	− 7 11.4	2.228	3.091	10.9	20.9
10 28	23 21.02	− 7 12.2	2.325	3.093	13.5	21.1

395548 2011 UT_{181} 9 18.5 352°.73 1°.6/19.9 18

8 19	0 4.12	+ 4 26.8	1.632	2.517	13.9	20.8
8 29	23 59.27	+ 4 7.0	1.567	2.514	10.1	20.5
9 8	23 52.59	+ 3 32.0	1.525	2.512	5.9	20.3
9 18	23 44.82	+ 2 45.3	1.507	2.510	1.9	20.0
9 28	23 36.98	+ 1 53.2	1.516	2.508	4.1	20.2
10 8	23 30.11	+ 1 2.7	1.552	2.507	8.5	20.4
10 18	23 25.06	+ 0 20.1	1.611	2.507	12.5	20.7
10 28	23 22.39	− 0 9.8	1.692	2.507	15.8	20.9

428560 2008 CQ_{128} 9 18.5 290°.41 0°.7/17.9 15

8 19	0 6.85	− 0 25.7	1.359	2.263	14.9	21.9
8 29	0 1.71	− 1 8.9	1.281	2.241	10.6	21.6
9 8	23 54.13	− 2 7.3	1.224	2.219	5.6	21.2
9 18	23 44.92	− 3 14.8	1.192	2.197	0.7	20.8
9 28	23 35.35	− 4 22.3	1.186	2.175	5.7	21.1
10 8	23 26.80	− 5 20.3	1.204	2.153	11.2	21.4
10 18	23 20.46	− 6 1.6	1.245	2.131	16.1	21.6
10 28	23 17.13	− 6 21.7	1.304	2.110	20.2	21.8

269620 2010 UJ_{58} 9 18.5 257°.22 1°.7/22.3 18

8 19	23 57.26	+ 9 49.7	4.754	5.586	6.4	20.9
8 29	23 53.60	+ 9 36.7	4.664	5.576	4.9	20.8
9 8	23 49.32	+ 9 16.3	4.600	5.565	3.3	20.7
9 18	23 44.68	+ 8 49.8	4.565	5.555	1.9	20.6
9 28	23 39.99	+ 8 18.7	4.559	5.545	2.1	20.6
10 8	23 35.59	+ 7 45.2	4.584	5.534	3.5	20.7
10 18	23 31.77	+ 7 11.5	4.637	5.524	5.1	20.8
10 28	23 28.78	+ 6 40.0	4.716	5.513	6.7	20.9

235222 2003 SU_{237} 9 18.5 17°.53 1°.9/17.1 18

8 19	0 7.16	− 4 53.9	1.381	2.292	14.2	19.2
8 29	0 1.53	− 5 17.6	1.332	2.296	9.9	19.0
9 8	23 53.79	− 5 47.8	1.305	2.301	5.1	18.7
9 18	23 44.89	− 6 18.2	1.303	2.306	1.9	18.5
9 28	23 36.08	− 6 42.3	1.327	2.312	5.9	18.8
10 8	23 28.57	− 6 54.4	1.375	2.319	10.5	19.1
10 18	23 23.24	− 6 51.5	1.446	2.327	14.6	19.4
10 28	23 20.65	− 6 32.5	1.536	2.335	17.9	19.6

12536 1998 MD_{33} 9 18.5 323°.89 4°.0/14.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 1.70	− 9 27.5	1.783	2.698	11.3	16.8
8 29	23 57.54	−10 46.8	1.717	2.683	7.9	16.6
9 8	23 51.68	−12 10.0	1.676	2.668	4.8	16.4
9 18	23 44.79	−13 29.5	1.661	2.653	4.4	16.3
9 28	23 37.79	−14 36.9	1.673	2.639	7.3	16.5
10 8	23 31.62	−15 25.8	1.710	2.626	10.8	16.6
10 18	23 27.07	−15 53.0	1.770	2.613	14.2	16.8
10 28	23 24.71	−15 57.3	1.849	2.600	17.0	17.0

275322 2010 UP_{83} 9 18.5 297°.87 0°.3/19.1 18

8 19	23 58.14	+ 1 14.1	4.095	4.967	6.5	20.7
8 29	23 54.26	+ 0 54.2	4.019	4.963	4.6	20.6
9 8	23 49.68	+ 0 29.2	3.969	4.958	2.5	20.4
9 18	23 44.71	+ 0 1.1	3.949	4.953	0.4	20.2
9 28	23 39.71	− 0 28.0	3.958	4.948	2.0	20.4
10 8	23 35.05	− 0 55.6	3.998	4.943	4.2	20.6
10 18	23 31.08	− 1 19.6	4.065	4.939	6.1	20.7
10 28	23 28.06	− 1 38.0	4.158	4.934	7.9	20.8

334818 2003 SA_{323} 9 18.5 190°.28 1°.4/20.1 18

8 19	0 5.24	+ 4 8.2	2.501	3.366	10.4	21.2
8 29	23 59.55	+ 4 1.1	2.428	3.366	7.5	21.0
9 8	23 52.57	+ 3 44.4	2.381	3.365	4.4	20.8
9 18	23 44.85	+ 3 20.2	2.362	3.364	1.6	20.6
9 28	23 37.09	+ 2 51.9	2.373	3.363	3.1	20.7
10 8	23 29.98	+ 2 23.6	2.412	3.362	6.2	20.9
10 18	23 24.14	+ 1 58.7	2.478	3.361	9.2	21.1
10 28	23 20.01	+ 1 40.7	2.568	3.359	11.8	21.3

262343 2006 TY_{54} 9 18.5 355°.85 3°.6/15.8 18 R

8 19	0 1.13	− 5 7.5	0.974	1.908	16.5	19.0
8 29	23 57.94	− 6 21.4	0.927	1.902	11.4	18.7
9 8	23 52.15	− 7 46.9	0.899	1.897	6.1	18.4
9 18	23 44.83	− 9 12.1	0.893	1.894	3.9	18.3
9 28	23 37.48	−10 23.9	0.909	1.892	8.4	18.6
10 8	23 31.62	−11 11.7	0.946	1.892	13.8	18.9
10 18	23 28.33	−11 30.7	1.002	1.894	18.6	19.1
10 28	23 28.26	−11 20.2	1.074	1.897	22.5	19.4

111568 2002 AS_{9} 9 18.5 350°.76 1°.7/17.5 18

8 19	0 5.57	− 3 13.2	0.958	1.884	17.5	18.3
8 29	0 1.17	− 3 39.2	0.906	1.877	12.2	18.0
9 8	23 53.92	− 4 17.5	0.874	1.871	6.3	17.7
9 18	23 44.93	− 5 0.1	0.862	1.867	1.7	17.3
9 28	23 35.86	− 5 36.9	0.873	1.863	7.0	17.7
10 8	23 28.39	− 5 59.1	0.906	1.861	12.9	18.0
10 18	23 23.76	− 6 1.5	0.957	1.860	18.1	18.3
10 28	23 22.64	− 5 42.1	1.025	1.861	22.4	18.6

40116 1998 QD_{19} 9 18.5 44°.73 3°.3/14.6 18

8 19	0 2.32	− 8 19.1	1.996	2.905	10.6	18.8
8 29	23 57.70	− 9 37.9	1.947	2.911	7.3	18.6
9 8	23 51.65	−10 59.6	1.924	2.917	4.2	18.4
9 18	23 44.82	−12 17.2	1.929	2.923	3.6	18.4
9 28	23 38.02	−13 23.9	1.961	2.929	6.2	18.6
10 8	23 32.07	−14 14.3	2.020	2.936	9.4	18.8
10 18	23 27.60	−14 45.8	2.103	2.943	12.4	19.0
10 28	23 25.07	−14 57.5	2.206	2.949	14.8	19.2

173452 2000 QE_{14} 9 18.5 346°.49 0°.9/19.1 18

8 19	0 1.12	+ 1 14.6	0.855	1.783	18.8	19.3
8 29	23 58.31	+ 1 7.9	0.798	1.768	13.6	18.9
9 8	23 52.55	+ 0 41.3	0.759	1.756	7.5	18.6
9 18	23 44.88	+ 0 0.2	0.740	1.745	1.1	18.1
9 28	23 36.95	− 0 45.5	0.741	1.736	6.2	18.4
10 8	23 30.56	− 1 24.5	0.762	1.729	12.6	18.7
10 18	23 27.06	− 1 47.9	0.802	1.725	18.4	19.1
10 28	23 27.24	− 1 50.0	0.857	1.722	23.2	19.3

304313 2006 SD_{162} 9 18.5 3°.96 1°.0/17.7 18

8 19	0 6.03	− 2 47.6	1.682	2.582	12.7	20.7
8 29	0 0.54	− 3 13.3	1.623	2.582	8.9	20.5
9 8	23 53.23	− 3 46.8	1.587	2.582	4.6	20.3
9 18	23 44.91	− 4 23.2	1.578	2.583	1.0	20.0
9 28	23 36.57	− 4 56.4	1.596	2.583	4.8	20.3
10 8	23 29.26	− 5 21.1	1.640	2.585	9.1	20.5
10 18	23 23.77	− 5 33.4	1.708	2.586	12.9	20.8
10 28	23 20.65	− 5 31.2	1.797	2.588	16.0	21.0

104338 2000 FA_{13} 9 18.5 272°.58 6°.7/10.6 18

8 19	0 6.98	−23 23.2	2.375	3.268	9.8	19.5
8 29	0 0.88	−24 16.0	2.320	3.257	7.9	19.3
9 8	23 53.31	−24 59.9	2.291	3.246	6.8	19.3
9 18	23 44.92	−25 29.3	2.289	3.234	7.1	19.3
9 28	23 36.54	−25 39.7	2.313	3.223	8.8	19.4
10 8	23 28.98	−25 29.2	2.362	3.212	11.0	19.5
10 18	23 22.91	−24 58.2	2.434	3.200	13.1	19.6
10 28	23 18.81	−24 8.7	2.524	3.189	15.0	19.8

506463 2002 HZ_8 9 18.5 131°.18 13°.0/ 1.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.78	−48 35.5	2.398	3.178	13.4	21.7
8 29	0 9.84	−49 51.7	2.405	3.195	13.0	21.7
9 8	23 57.90	−50 40.0	2.432	3.212	13.1	21.7
9 18	23 45.14	−50 55.2	2.479	3.228	13.6	21.8
9 28	23 32.92	−50 35.8	2.546	3.244	14.4	21.9
10 8	23 22.46	−49 44.5	2.631	3.258	15.3	22.0
10 18	23 14.54	−48 26.4	2.730	3.272	16.1	22.1
10 28	23 9.52	−46 47.5	2.843	3.285	16.7	22.2

85064 3338 T_{-1} 9 18.5 121°.35 1°.0/17.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 9.59	− 2 1.3	1.714	2.606	13.0	19.9
8 29	0 2.87	− 2 43.2	1.665	2.621	9.0	19.7
9 8	23 54.38	− 3 33.4	1.642	2.635	4.6	19.5
9 18	23 44.97	− 4 26.3	1.645	2.649	1.0	19.2
9 28	23 35.70	− 5 15.1	1.676	2.662	4.8	19.6
10 8	23 27.58	− 5 53.9	1.735	2.675	9.0	19.8
10 18	23 21.39	− 6 19.1	1.818	2.687	12.6	20.1
10 28	23 17.60	− 6 28.6	1.922	2.699	15.6	20.3

399967 2006 BJ_{89} 9 18.5 22°.94 3°.7/14.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 2.33	− 9 48.7	2.013	2.923	10.5	20.2
8 29	23 57.72	−11 2.4	1.963	2.926	7.3	20.0
9 8	23 51.68	−12 17.7	1.938	2.929	4.4	19.9
9 18	23 44.84	−13 27.9	1.941	2.933	3.9	19.8
9 28	23 38.04	−14 26.3	1.972	2.936	6.5	20.0
10 8	23 32.06	−15 8.3	2.028	2.940	9.6	20.2
10 18	23 27.56	−15 31.3	2.108	2.944	12.5	20.4
10 28	23 24.99	−15 34.9	2.209	2.949	14.9	20.6

371564 2006 VL_{66} 9 18.5 349°.51 4°.3/22.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	23 59.15	+10 25.7	1.009	1.906	19.4	19.6
8 29	23 56.61	+10 0.1	0.948	1.896	14.9	19.3
9 8	23 51.53	+ 9 1.8	0.905	1.887	9.8	19.0
9 18	23 44.84	+ 7 34.6	0.882	1.880	5.0	18.7
9 28	23 37.97	+ 5 48.7	0.881	1.875	5.7	18.7
10 8	23 32.43	+ 3 59.1	0.903	1.871	10.8	19.0
10 18	23 29.39	+ 2 19.9	0.945	1.869	16.1	19.3
10 28	23 29.57	+ 1 2.3	1.005	1.869	20.6	19.6

262555 2006 VL_{23} 9 18.5 356°.66 1°.9/16.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 4.74	− 4 36.7	1.740	2.645	12.1	20.6
8 29	23 59.60	− 5 18.8	1.682	2.644	8.4	20.4
9 8	23 52.74	− 6 7.4	1.648	2.643	4.3	20.2
9 18	23 44.91	− 6 56.7	1.639	2.642	1.9	20.0
9 28	23 37.06	− 7 40.1	1.658	2.641	5.3	20.2
10 8	23 30.17	− 8 12.0	1.704	2.641	9.3	20.5
10 18	23 25.02	− 8 28.9	1.773	2.642	12.9	20.7
10 28	23 22.13	− 8 29.3	1.862	2.642	15.9	20.9

106943 2000 YX_{72} 9 18.5 282°.37 2°.5/16.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 5.51	− 5 20.5	1.693	2.599	12.4	19.4
8 29	0 0.34	− 6 20.9	1.619	2.582	8.6	19.1
9 8	23 53.25	− 7 29.3	1.569	2.564	4.6	18.8
9 18	23 44.94	− 8 38.7	1.546	2.546	2.7	18.7
9 28	23 36.43	− 9 41.2	1.549	2.528	6.2	18.8
10 8	23 28.81	−10 29.7	1.579	2.511	10.4	19.1
10 18	23 22.98	−10 59.5	1.631	2.493	14.3	19.3
10 28	23 19.58	−11 8.7	1.704	2.475	17.6	19.4

330931 2009 SH_{202} 9 18.5 11°.65 2°.7/16.8 13 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 4.05	− 5 12.7	0.942	1.874	17.1	20.1
8 29	23 59.92	− 5 46.1	0.904	1.877	11.9	19.9
9 8	23 53.15	− 6 28.0	0.885	1.882	6.2	19.6
9 18	23 44.93	− 7 9.4	0.887	1.889	2.8	19.4
9 28	23 36.86	− 7 40.3	0.911	1.898	7.4	19.7
10 8	23 30.47	− 7 53.6	0.956	1.909	12.8	20.1
10 18	23 26.81	− 7 45.8	1.021	1.920	17.6	20.4
10 28	23 26.40	− 7 16.7	1.102	1.934	21.5	20.7

426160 2012 HK_{71} 9 18.5 102°.93 2°.7/20.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 6.87	+ 8 11.0	1.504	2.377	15.6	21.4
8 29	0 1.26	+ 7 35.0	1.448	2.386	11.6	21.2
9 8	23 53.66	+ 6 38.0	1.414	2.396	7.1	21.0
9 18	23 44.96	+ 5 24.8	1.405	2.405	3.1	20.8
9 28	23 36.30	+ 4 3.2	1.422	2.414	4.4	20.9
10 8	23 28.82	+ 2 42.6	1.466	2.423	8.8	21.1
10 18	23 23.38	+ 1 31.3	1.534	2.431	12.9	21.4
10 28	23 20.54	+ 0 35.4	1.623	2.440	16.4	21.7

516448 2005 AN_{44} 9 18.5 276°.90 1°.2/19.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 6.52	+ 3 29.4	1.820	2.700	13.0	21.5
8 29	0 1.01	+ 3 8.0	1.734	2.680	9.4	21.3
9 8	23 53.60	+ 2 32.7	1.672	2.660	5.4	21.0
9 18	23 44.96	+ 1 46.8	1.636	2.639	1.4	20.7
9 28	23 36.06	+ 0 55.8	1.627	2.618	4.1	20.8
10 8	23 27.93	+ 0 6.1	1.646	2.597	8.4	21.0
10 18	23 21.49	− 0 36.1	1.689	2.576	12.5	21.2
10 28	23 17.40	− 1 6.0	1.755	2.555	16.0	21.4

314069 2005 BB_{27} 9 18.5 172°.59 10°.3/ 8.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 17.64	−31 53.8	1.995	2.860	12.6	21.2
8 29	0 8.46	−33 3.1	1.963	2.865	11.0	21.1
9 8	23 57.28	−33 53.4	1.955	2.869	10.3	21.1
9 18	23 45.14	−34 17.3	1.972	2.872	10.8	21.1
9 28	23 33.28	−34 10.4	2.015	2.873	12.3	21.2
10 8	23 22.87	−33 33.2	2.080	2.875	14.2	21.4
10 18	23 14.74	−32 29.6	2.166	2.875	16.1	21.5
10 28	23 9.36	−31 4.9	2.269	2.874	17.8	21.7

136863 1998 FA_{41} 9 18.5 159°.78 0°.1/18.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 7.30	+ 2 7.9	1.578	2.468	14.1	20.2
8 29	0 1.52	+ 1 12.7	1.519	2.471	9.9	19.9
9 8	23 53.80	+ 0 2.7	1.483	2.475	5.3	19.7
9 18	23 44.98	− 1 16.0	1.473	2.478	0.3	19.3
9 28	23 36.15	− 2 34.8	1.491	2.481	4.6	19.6
10 8	23 28.42	− 3 45.2	1.535	2.483	9.3	19.9
10 18	23 22.66	− 4 41.0	1.603	2.485	13.4	20.2
10 28	23 19.43	− 5 18.2	1.692	2.486	16.7	20.4

425681 2011 AV_{21} 9 18.5 152°.47 3°.0/21.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 9.30	+ 7 39.1	1.667	2.532	14.7	20.8
8 29	0 2.90	+ 7 35.4	1.603	2.536	11.0	20.6
9 8	23 54.53	+ 7 14.2	1.561	2.540	6.9	20.4
9 18	23 45.02	+ 6 38.1	1.545	2.543	3.4	20.2
9 28	23 35.47	+ 5 52.3	1.556	2.546	4.5	20.3
10 8	23 27.00	+ 5 3.5	1.595	2.549	8.4	20.5
10 18	23 20.48	+ 4 18.4	1.658	2.552	12.3	20.8
10 28	23 16.51	+ 3 42.9	1.743	2.554	15.6	21.0

226155 2002 SF_{21} 9 18.5 287°.79 1°.7/17.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 7.83	− 3 29.6	1.451	2.356	14.0	20.2
8 29	0 2.27	− 4 9.4	1.375	2.337	9.9	19.9
9 8	23 54.40	− 4 59.4	1.323	2.318	5.1	19.6
9 18	23 45.03	− 5 53.1	1.295	2.299	1.8	19.3
9 28	23 35.38	− 6 42.5	1.294	2.280	6.0	19.5
10 8	23 26.76	− 7 19.8	1.318	2.261	11.0	19.8
10 18	23 20.25	− 7 40.0	1.364	2.241	15.5	20.0
10 28	23 16.62	− 7 40.3	1.429	2.222	19.3	20.2

517130 2013 HJ_{98} 9 18.5 209°.15 2°.1/21.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 3.06	+ 8 6.8	2.312	3.169	11.4	21.9
8 29	23 58.17	+ 7 31.8	2.237	3.166	8.5	21.7
9 8	23 51.93	+ 6 42.2	2.186	3.164	5.3	21.5
9 18	23 44.90	+ 5 41.0	2.162	3.160	2.4	21.3
9 28	23 37.81	+ 4 33.0	2.167	3.157	3.3	21.4
10 8	23 31.40	+ 3 24.2	2.200	3.154	6.5	21.6
10 18	23 26.28	+ 2 20.0	2.261	3.150	9.7	21.8
10 28	23 22.95	+ 1 25.4	2.345	3.146	12.4	22.0

513324 2007 EA_{55} 9 18.5 284°.11 2°.5/16.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 6.97	− 5 6.3	1.533	2.441	13.3	22.0
8 29	0 1.57	− 6 0.5	1.458	2.421	9.3	21.8
9 8	23 53.99	− 7 3.5	1.406	2.401	4.9	21.5
9 18	23 45.01	− 8 8.2	1.380	2.381	2.6	21.3
9 28	23 35.77	− 9 6.0	1.380	2.361	6.5	21.5
10 8	23 27.50	− 9 49.3	1.405	2.341	11.1	21.7
10 18	23 21.22	−10 13.3	1.454	2.321	15.3	21.9
10 28	23 17.65	−10 15.8	1.521	2.301	18.9	22.1

361915 2008 GW_{97} 9 18.5 52°.41 3°.9/15.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 8.53	−12 10.6	1.887	2.792	11.4	20.1
8 29	0 1.98	−12 38.0	1.848	2.807	8.0	19.9
9 8	23 53.87	−13 3.3	1.834	2.822	4.9	19.8
9 18	23 45.00	−13 21.3	1.846	2.838	4.0	19.8
9 28	23 36.33	−13 27.5	1.886	2.854	6.5	19.9
10 8	23 28.76	−13 19.4	1.953	2.870	9.6	20.2
10 18	23 22.98	−12 56.4	2.044	2.886	12.6	20.4
10 28	23 19.39	−12 19.3	2.155	2.902	15.0	20.6

487797 2015 RM_{242} 9 18.5 30°.73 5°.2/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 2.76	−15 41.9	2.181	3.090	9.8	20.3
8 29	23 57.99	−17 4.7	2.135	3.091	7.2	20.1
9 8	23 51.83	−18 24.3	2.115	3.093	5.4	20.0
9 18	23 44.91	−19 33.9	2.122	3.095	5.7	20.0
9 28	23 38.01	−20 27.5	2.157	3.096	7.7	20.2
10 8	23 31.90	−21 1.3	2.217	3.098	10.3	20.3
10 18	23 27.20	−21 14.0	2.300	3.100	12.8	20.5
10 28	23 24.38	−21 6.5	2.402	3.102	14.8	20.7

476284 2007 VB_{231} 9 18.5 222°.33 1°.3/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 5.09	+ 4 42.7	2.180	3.049	11.5	22.0
8 29	23 59.67	+ 4 12.6	2.103	3.043	8.4	21.8
9 8	23 52.76	+ 3 29.8	2.051	3.036	4.8	21.6
9 18	23 44.96	+ 2 37.6	2.026	3.029	1.5	21.3
9 28	23 37.06	+ 1 40.9	2.030	3.021	3.4	21.5
10 8	23 29.88	+ 0 45.4	2.062	3.013	7.1	21.7
10 18	23 24.12	− 0 3.7	2.121	3.005	10.5	21.9
10 28	23 20.28	− 0 42.0	2.203	2.996	13.4	22.1

404044 2012 DA_6 9 18.5 212°.19 3°.7/13.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 3.14	−13 7.9	2.774	3.676	8.3	22.0
8 29	23 58.05	−14 16.1	2.713	3.669	5.9	21.9
9 8	23 51.81	−15 23.7	2.679	3.662	4.0	21.7
9 18	23 44.91	−16 25.7	2.674	3.655	4.0	21.7
9 28	23 37.97	−17 17.2	2.698	3.648	5.8	21.8
10 8	23 31.62	−17 54.7	2.749	3.640	8.2	22.0
10 18	23 26.39	−18 16.4	2.826	3.631	10.5	22.1
10 28	23 22.69	−18 22.0	2.923	3.622	12.5	22.3

80854 2000 DQ_{22} 9 18.5 70°.89 2°.1/16.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 6.53	− 3 3.1	1.391	2.299	14.3	19.2
8 29	0 1.03	− 4 16.2	1.350	2.314	9.8	19.0
9 8	23 53.53	− 5 38.6	1.333	2.329	5.0	18.8
9 18	23 45.01	− 7 1.4	1.341	2.343	2.2	18.6
9 28	23 36.66	− 8 15.1	1.375	2.358	6.2	18.9
10 8	23 29.61	− 9 12.0	1.434	2.373	10.6	19.2
10 18	23 24.70	− 9 47.9	1.516	2.388	14.6	19.5
10 28	23 22.41	−10 1.5	1.618	2.403	17.8	19.8

349255 2007 TK_{151} 9 18.5 282°.64 3°.4/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 2.24	+13 30.7	1.807	2.653	14.6	20.2
8 29	23 57.93	+12 17.9	1.729	2.648	11.2	20.0
9 8	23 51.94	+10 39.0	1.673	2.643	7.4	19.8
9 18	23 44.95	+ 8 38.4	1.644	2.638	4.0	19.6
9 28	23 37.87	+ 6 24.5	1.642	2.633	4.2	19.6
10 8	23 31.65	+ 4 8.2	1.670	2.628	7.8	19.8
10 18	23 27.05	+ 2 0.1	1.724	2.623	11.6	20.0
10 28	23 24.64	+ 0 8.7	1.801	2.618	15.0	20.2

493533 2015 FJ_{181} 9 18.6 28°.66 0°.8/17.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	23 58.27	− 4 27.6	4.176	5.064	6.1	21.7
8 29	23 54.36	− 4 52.0	4.111	5.066	4.1	21.6
9 8	23 49.79	− 5 19.1	4.074	5.067	2.1	21.4
9 18	23 44.84	− 5 46.5	4.065	5.068	0.8	21.3
9 28	23 39.90	− 6 12.0	4.087	5.070	2.5	21.5
10 8	23 35.30	− 6 33.4	4.139	5.071	4.5	21.6
10 18	23 31.39	− 6 49.1	4.218	5.073	6.3	21.7
10 28	23 28.42	− 6 57.7	4.321	5.074	7.9	21.9

449715 2014 ME_{46} 9 18.6 35°.55 2°.6/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 6.12	+ 6 31.9	1.942	2.809	12.9	20.6
8 29	0 0.46	+ 6 36.2	1.880	2.815	9.5	20.4
9 8	23 53.20	+ 6 26.7	1.842	2.821	5.9	20.2
9 18	23 45.03	+ 6 5.6	1.829	2.828	2.8	20.1
9 28	23 36.86	+ 5 36.9	1.845	2.835	3.9	20.2
10 8	23 29.57	+ 5 5.6	1.887	2.842	7.3	20.4
10 18	23 23.91	+ 4 36.8	1.956	2.849	10.7	20.6
10 28	23 20.37	+ 4 14.8	2.047	2.857	13.7	20.8

120491 1993 FM_{29} 9 18.6 67°.35 2°.7/20.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 10.21	+ 6 14.0	1.189	2.076	17.8	19.4
8 29	0 3.87	+ 6 2.5	1.146	2.093	13.1	19.2
9 8	23 55.14	+ 5 30.0	1.123	2.109	7.8	18.9
9 18	23 45.14	+ 4 40.9	1.124	2.126	3.1	18.7
9 28	23 35.33	+ 3 43.5	1.150	2.142	5.1	18.9
10 8	23 27.13	+ 2 47.4	1.200	2.159	10.0	19.2
10 18	23 21.50	+ 2 0.5	1.273	2.176	14.5	19.5
10 28	23 18.96	+ 1 28.7	1.366	2.193	18.3	19.8

128574 2004 PX_{101} 9 18.6 319°.41 2°.3/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 3.45	+ 6 43.1	1.941	2.811	12.7	19.3
8 29	23 58.74	+ 6 31.0	1.861	2.798	9.5	19.1
9 8	23 52.38	+ 6 3.9	1.804	2.785	5.9	18.9
9 18	23 45.00	+ 5 24.2	1.773	2.773	2.6	18.6
9 28	23 37.46	+ 4 36.5	1.770	2.761	3.8	18.7
10 8	23 30.67	+ 3 46.8	1.793	2.749	7.5	18.9
10 18	23 25.40	+ 3 1.0	1.842	2.738	11.1	19.1
10 28	23 22.23	+ 2 24.2	1.913	2.727	14.3	19.3

19878 1030 $T\text{-}_1$ 9 18.6 112°.61 1°.7/19.9 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 11.05	+ 4 32.3	1.528	2.405	15.1	18.0
8 29	0 4.13	+ 4 14.9	1.477	2.420	10.9	17.7
9 8	23 55.18	+ 3 41.7	1.449	2.435	6.3	17.5
9 18	23 45.15	+ 2 57.0	1.446	2.449	2.0	17.3
9 28	23 35.25	+ 2 7.3	1.471	2.463	4.4	17.5
10 8	23 26.64	+ 1 19.8	1.523	2.476	8.9	17.8
10 18	23 20.18	+ 0 40.8	1.599	2.489	12.9	18.1
10 28	23 16.42	+ 0 14.7	1.696	2.501	16.3	18.3

479772 2014 EX_{30} 9 18.6 221°.24 2°.7/16.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 11.36	− 8 47.4	1.878	2.775	11.8	20.9
8 29	0 4.18	− 9 3.4	1.815	2.772	8.2	20.7
9 8	23 55.19	− 9 20.5	1.777	2.769	4.5	20.5
9 18	23 45.16	− 9 34.0	1.766	2.765	2.8	20.3
9 28	23 35.12	− 9 39.1	1.784	2.761	5.7	20.5
10 8	23 26.11	− 9 32.6	1.829	2.758	9.4	20.7
10 18	23 18.94	− 9 13.0	1.899	2.753	12.9	21.0
10 28	23 14.16	− 8 40.0	1.991	2.749	15.8	21.2

189155 2002 JK_{58} 9 18.6 34°.21 9°.3/ 1.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 2.56	+29 20.4	1.994	2.733	17.0	18.6
8 29	23 58.13	+29 30.3	1.928	2.744	14.9	18.4
9 8	23 52.03	+29 10.4	1.879	2.755	12.6	18.3
9 18	23 44.98	+28 19.5	1.852	2.767	10.5	18.2
9 28	23 37.92	+27 0.2	1.847	2.779	9.4	18.2
10 8	23 31.78	+25 19.1	1.868	2.791	9.6	18.2
10 18	23 27.31	+23 25.3	1.914	2.804	11.1	18.3
10 28	23 25.04	+21 28.9	1.984	2.817	13.1	18.5

123456 2000 WO_{137} 9 18.6 4°.08 0°.8/17.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 2.32	+ 0 30.1	1.326	2.235	14.9	18.8
8 29	23 58.32	− 0 39.5	1.272	2.234	10.4	18.5
9 8	23 52.26	− 2 5.0	1.239	2.234	5.3	18.2
9 18	23 45.00	− 3 38.1	1.231	2.235	0.8	17.9
9 28	23 37.73	− 5 7.9	1.248	2.237	5.5	18.3
10 8	23 31.61	− 6 24.6	1.290	2.239	10.5	18.6
10 18	23 27.56	− 7 21.1	1.354	2.242	14.9	18.8
10 28	23 26.15	− 7 54.0	1.437	2.246	18.5	19.1

141701 2002 KM_{15} 9 18.6 120°.81 0°.0/18.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 0.34	+ 0 10.7	3.373	4.251	7.6	20.8
8 29	23 55.91	− 0 22.1	3.312	4.259	5.3	20.7
9 8	23 50.65	− 1 0.6	3.277	4.267	2.8	20.5
9 18	23 44.92	− 1 42.0	3.271	4.275	0.1	20.3
9 28	23 39.21	− 2 23.2	3.295	4.283	2.5	20.5
10 8	23 33.97	− 3 1.1	3.349	4.291	5.0	20.7
10 18	23 29.59	− 3 33.0	3.430	4.299	7.3	20.9
10 28	23 26.41	− 3 56.9	3.536	4.307	9.2	21.0

429426 2010 UT_{65} 9 18.6 334°.17 0°.7/18.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 3.01	− 0 1.0	1.041	1.961	17.0	20.2
8 29	23 59.37	− 0 46.6	0.979	1.946	12.0	19.8
9 8	23 53.07	− 1 50.8	0.936	1.933	6.3	19.5
9 18	23 45.06	− 3 5.8	0.916	1.921	0.7	19.1
9 28	23 36.81	− 4 20.1	0.918	1.909	6.4	19.4
10 8	23 29.89	− 5 21.9	0.942	1.899	12.3	19.7
10 18	23 25.54	− 6 2.8	0.986	1.890	17.7	20.0
10 28	23 24.52	− 6 18.2	1.047	1.883	22.1	20.2

511172 2013 YV_{63} 9 18.6 214°.63 3°.6/14.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 7.40	−10 3.3	2.014	2.916	10.8	21.7
8 29	0 1.38	−11 4.4	1.951	2.910	7.6	21.5
9 8	23 53.72	−12 7.3	1.914	2.903	4.6	21.3
9 18	23 45.10	−13 5.5	1.904	2.896	3.9	21.3
9 28	23 36.42	−13 52.6	1.923	2.888	6.5	21.4
10 8	23 28.60	−14 23.8	1.968	2.880	9.8	21.6
10 18	23 22.40	−14 36.9	2.038	2.872	12.9	21.8
10 28	23 18.34	−14 31.4	2.127	2.862	15.6	22.0

34601 2000 TR_{51} 9 18.6 50°.08 4°.9/13.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 3.56	−12 52.4	1.887	2.799	10.9	18.7
8 29	23 58.68	−14 17.2	1.845	2.806	7.8	18.5
9 8	23 52.26	−15 40.7	1.828	2.813	5.3	18.4
9 18	23 45.01	−16 55.1	1.837	2.820	5.3	18.4
9 28	23 37.83	−17 53.3	1.874	2.827	7.7	18.6
10 8	23 31.57	−18 31.0	1.936	2.835	10.7	18.8
10 18	23 26.93	−18 46.6	2.021	2.842	13.5	19.0
10 28	23 24.36	−18 40.7	2.125	2.850	15.9	19.2

440188 2004 CL_{107} 9 18.6 189°.04 0°.9/19.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 6.85	+ 2 44.7	2.337	3.208	10.8	22.0
8 29	0 0.80	+ 2 27.8	2.266	3.207	7.8	21.8
9 8	23 53.35	+ 2 1.2	2.219	3.206	4.4	21.5
9 18	23 45.08	+ 1 27.8	2.201	3.204	1.1	21.3
9 28	23 36.76	+ 0 51.6	2.212	3.202	3.3	21.5
10 8	23 29.16	+ 0 17.0	2.252	3.200	6.7	21.7
10 18	23 22.93	− 0 11.8	2.319	3.197	9.9	21.9
10 28	23 18.56	− 0 31.8	2.409	3.193	12.6	22.1

160413 2004 XF_{25} 9 18.6 12°.83 19°.5/13.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 11.28	+44 5.7	1.517	2.152	25.2	19.4
8 29	0 5.67	+46 33.2	1.462	2.155	23.9	19.3
9 8	23 56.70	+48 20.9	1.419	2.159	22.5	19.2
9 18	23 45.28	+49 19.7	1.388	2.164	21.2	19.1
9 28	23 33.14	+49 24.3	1.372	2.171	20.2	19.1
10 8	23 22.36	+48 36.9	1.371	2.178	19.6	19.1
10 18	23 14.66	+47 6.0	1.386	2.186	19.6	19.1
10 28	23 11.14	+45 5.3	1.416	2.196	20.1	19.2

190311 1997 TM_2 9 18.6 253°.57 0°.1/18.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	23 57.87	+ 0 9.8	4.537	5.411	5.9	20.1
8 29	23 54.08	− 0 10.0	4.460	5.405	4.1	20.0
9 8	23 49.66	− 0 34.0	4.409	5.399	2.2	19.8
9 18	23 44.88	− 1 0.3	4.388	5.393	0.2	19.6
9 28	23 40.08	− 1 27.1	4.398	5.387	1.9	19.8
10 8	23 35.58	− 1 52.2	4.437	5.381	3.9	19.9
10 18	23 31.69	− 2 13.6	4.505	5.374	5.7	20.1
10 28	23 28.66	− 2 29.9	4.598	5.368	7.2	20.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
33099 1997 YN_8			9 18.6 60°.81		0°.8/18.0 18	
	h m	° ′			°	m
8 19	0 10.56	− 1 26.3	1.162	2.070	16.6	16.7
8 29	0 4.07	− 1 57.2	1.125	2.087	11.5	16.5
9 8	23 55.22	− 2 39.7	1.110	2.105	5.9	16.2
9 18	23 45.18	− 3 26.6	1.118	2.123	0.8	15.9
9 28	23 35.42	− 4 9.4	1.151	2.141	5.8	16.3
10 8	23 27.34	− 4 40.5	1.209	2.159	11.0	16.7
10 18	23 21.85	− 4 55.5	1.288	2.177	15.4	17.0
10 28	23 19.44	− 4 52.7	1.386	2.196	19.0	17.3
518715 2009 CL_{67}			9 18.6 165°.40		0°.3/18.3 17	
8 19	0 10.77	− 0 31.0	1.413	2.309	15.0	21.5
8 29	0 4.18	− 0 58.5	1.355	2.311	10.5	21.2
9 8	23 55.34	− 1 37.9	1.320	2.313	5.5	21.0
9 18	23 45.20	− 2 23.6	1.310	2.315	0.4	20.6
9 28	23 35.04	− 3 8.2	1.326	2.316	5.2	21.0
10 8	23 26.17	− 3 44.4	1.369	2.317	10.2	21.3
10 18	23 19.59	− 4 7.2	1.434	2.317	14.5	21.5
10 28	23 15.89	− 4 13.6	1.519	2.318	18.1	21.8
504006 2005 EP_{116}			9 18.6 102°.90		0°.6/17.9 17	
8 19	0 7.11	+ 0 47.6	1.455	2.352	14.6	21.4
8 29	0 1.45	− 0 21.4	1.407	2.364	10.1	21.2
9 8	23 53.82	− 1 44.3	1.382	2.376	5.2	20.9
9 18	23 45.12	− 3 13.3	1.382	2.387	0.6	20.6
9 28	23 36.52	− 4 38.7	1.410	2.398	5.2	21.0
10 8	23 29.17	− 5 51.6	1.464	2.409	9.9	21.3
10 18	23 23.89	− 6 46.2	1.541	2.420	13.9	21.6
10 28	23 21.21	− 7 19.4	1.638	2.430	17.3	21.8
66550 1999 RU_{124}			9 18.6 323°.69		0°.3/18.3 18	
8 19	0 2.53	+ 0 54.8	1.371	2.277	14.7	18.6
8 29	23 58.63	+ 0 4.8	1.296	2.257	10.4	18.3
9 8	23 52.55	− 1 2.1	1.244	2.238	5.5	18.0
9 18	23 45.07	− 2 19.6	1.215	2.220	0.3	17.5
9 28	23 37.32	− 3 38.4	1.212	2.203	5.3	17.9
10 8	23 30.57	− 4 48.5	1.234	2.186	10.5	18.1
10 18	23 25.85	− 5 42.0	1.277	2.170	15.2	18.4
10 28	23 23.88	− 6 14.0	1.339	2.155	19.2	18.6
39003 2000 UL_{37}			9 18.6 182°.21		1°.1/19.9 18	
8 19	0 6.08	+ 4 46.8	2.290	3.156	11.2	19.6
8 29	0 0.30	+ 4 6.9	2.219	3.157	8.1	19.4
9 8	23 53.10	+ 3 14.6	2.172	3.157	4.6	19.2
9 18	23 45.09	+ 2 13.5	2.154	3.157	1.3	18.9
9 28	23 37.04	+ 1 8.9	2.165	3.156	3.3	19.1
10 8	23 29.73	+ 0 6.4	2.206	3.154	6.8	19.3
10 18	23 23.79	− 0 48.9	2.273	3.152	10.1	19.5
10 28	23 19.72	− 1 32.9	2.364	3.149	12.8	19.7
246368 2007 TG_{392}			9 18.6 341°.19		3°.0/15.9 18	
8 19	0 7.51	− 8 5.4	1.699	2.605	12.3	20.4
8 29	0 1.63	− 8 43.7	1.642	2.604	8.5	20.1
9 8	23 53.90	− 9 25.0	1.609	2.602	4.7	19.9
9 18	23 45.14	−10 3.0	1.602	2.601	3.2	19.8
9 28	23 36.38	−10 31.5	1.623	2.599	6.2	20.0
10 8	23 28.67	−10 45.8	1.669	2.598	10.1	20.2
10 18	23 22.82	−10 43.7	1.739	2.597	13.7	20.5
10 28	23 19.38	−10 24.6	1.828	2.597	16.6	20.7
453634 2010 TT_8			9 18.6 265°.88		0°.9/17.8 18	
8 19	0 7.67	− 3 29.2	2.143	3.033	10.9	20.9
8 29	0 1.53	− 3 42.5	2.069	3.023	7.6	20.7
9 8	23 53.80	− 4 1.3	2.020	3.013	3.9	20.5
9 18	23 45.14	− 4 22.0	1.999	3.003	0.9	20.2
9 28	23 36.38	− 4 40.3	2.007	2.993	4.1	20.5
10 8	23 28.39	− 4 52.3	2.043	2.983	7.9	20.7
10 18	23 21.90	− 4 55.2	2.105	2.973	11.2	20.9
10 28	23 17.44	− 4 47.0	2.189	2.962	14.1	21.1
380231 2001 SG_{147}			9 18.6 340°.24		0°.2/18.4 18	
8 19	0 4.22	− 0 8.6	1.161	2.074	16.1	20.2
8 29	0 0.03	− 0 32.9	1.098	2.062	11.5	19.9
9 8	23 53.36	− 1 12.4	1.055	2.051	6.1	19.6
9 18	23 45.12	− 2 0.9	1.036	2.040	0.3	19.1
9 28	23 36.69	− 2 49.7	1.040	2.031	5.7	19.5
10 8	23 29.52	− 3 29.9	1.067	2.024	11.2	19.8
10 18	23 24.75	− 3 54.7	1.115	2.017	16.2	20.0
10 28	23 23.09	− 3 59.9	1.181	2.011	20.4	20.3
264901 2002 TY_{86}			9 18.6 312°.20		0°.6/18.9 18	
8 19	0 6.43	+ 1 20.9	1.269	2.172	15.8	20.7
8 29	0 1.61	+ 1 3.2	1.193	2.151	11.4	20.3
9 8	23 54.24	+ 0 29.5	1.138	2.130	6.3	20.0
9 18	23 45.18	− 0 15.6	1.106	2.110	0.8	19.6
9 28	23 35.73	− 1 4.7	1.098	2.090	5.3	19.8
10 8	23 27.37	− 1 48.9	1.115	2.071	10.9	20.1
10 18	23 21.31	− 2 20.7	1.153	2.053	16.0	20.3
10 28	23 18.40	− 2 34.8	1.210	2.035	20.3	20.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
221700 2007 DH_{71}			9 18.6 64°.66		1°.5/16.7 18	
	h m	° ′			°	m
8 19	0 1.99	− 2 29.3	2.122	3.019	10.6	20.1
8 29	23 57.48	− 3 43.8	2.065	3.024	7.3	19.9
9 8	23 51.63	− 5 6.1	2.034	3.029	3.7	19.7
9 18	23 45.02	− 6 30.3	2.031	3.034	1.5	19.6
9 28	23 38.42	− 7 49.4	2.057	3.039	4.6	19.8
10 8	23 32.58	− 8 57.4	2.110	3.044	8.1	20.0
10 18	23 28.11	− 9 50.0	2.189	3.049	11.2	20.2
10 28	23 25.46	−10 25.1	2.289	3.054	13.8	20.4
456234 2006 KU_{99}			9 18.6 242°.77		8°.7/27.2 16	
8 19	0 5.59	+24 2.1	1.233	2.046	21.9	21.3
8 29	0 1.13	+23 15.5	1.154	2.038	18.4	21.0
9 8	23 54.01	+21 41.4	1.092	2.029	14.3	20.7
9 18	23 45.17	+19 18.7	1.050	2.020	10.4	20.5
9 28	23 36.08	+16 15.1	1.033	2.011	8.7	20.4
10 8	23 28.28	+12 48.3	1.041	2.001	11.0	20.5
10 18	23 23.01	+ 9 20.0	1.074	1.991	15.3	20.7
10 28	23 21.05	+ 6 10.0	1.129	1.981	19.7	20.9
374453 2005 XT_8			9 18.6 282°.00		0°.3/18.2 16	
8 19	0 1.39	− 1 10.1	3.116	3.998	8.1	21.6
8 29	23 56.82	− 1 37.0	3.029	3.979	5.6	21.5
9 8	23 51.23	− 2 9.7	2.969	3.960	2.9	21.3
9 18	23 45.02	− 2 45.4	2.937	3.942	0.3	21.0
9 28	23 38.72	− 3 20.9	2.935	3.923	2.9	21.2
10 8	23 32.85	− 3 52.9	2.962	3.903	5.7	21.4
10 18	23 27.90	− 4 18.4	3.017	3.884	8.2	21.5
10 28	23 24.27	− 4 35.2	3.096	3.865	10.4	21.7
447045 2004 RL_{91}			9 18.6 11°.48		1°.8/20.5 18	
8 19	0 0.75	+ 7 5.0	1.658	2.539	14.0	20.1
8 29	23 56.94	+ 6 11.2	1.598	2.541	10.2	19.9
9 8	23 51.46	+ 4 58.2	1.560	2.545	6.1	19.7
9 18	23 45.04	+ 3 31.5	1.547	2.549	2.1	19.4
9 28	23 38.60	+ 1 59.0	1.561	2.554	3.9	19.6
10 8	23 33.09	+ 0 29.8	1.602	2.560	8.1	19.8
10 18	23 29.25	− 0 48.5	1.668	2.566	12.0	20.1
10 28	23 27.59	− 1 50.0	1.755	2.573	15.2	20.3
404030 2012 CW_{42}			9 18.6 197°.30		0°.4/18.9 18	
8 19	0 5.87	+ 0 43.4	2.396	3.274	10.3	20.9
8 29	0 0.10	+ 0 29.4	2.326	3.273	7.3	20.7
9 8	23 53.00	+ 0 7.6	2.282	3.271	4.0	20.5
9 18	23 45.13	− 0 19.1	2.265	3.270	0.5	20.3
9 28	23 37.22	− 0 47.1	2.278	3.268	3.3	20.5
10 8	23 30.00	− 1 12.3	2.320	3.266	6.7	20.7
10 18	23 24.09	− 1 31.3	2.388	3.264	9.7	20.9
10 28	23 19.97	− 1 41.4	2.480	3.262	12.4	21.1
78017 2002 JY_{59}			9 18.6 67°.55		0°.9/19.4 16	
8 19	0 7.65	+ 2 59.2	1.605	2.490	14.1	20.3
8 29	0 1.63	+ 2 30.7	1.562	2.511	10.0	20.1
9 8	23 53.85	+ 1 48.8	1.542	2.532	5.5	19.9
9 18	23 45.18	+ 0 58.4	1.549	2.553	1.2	19.7
9 28	23 36.68	+ 0 6.3	1.582	2.573	4.1	19.9
10 8	23 29.38	− 0 40.9	1.642	2.594	8.4	20.2
10 18	23 24.02	− 1 17.9	1.727	2.615	12.2	20.5
10 28	23 21.06	− 1 41.2	1.832	2.636	15.3	20.8
22689 1998 QQ_{84}			9 18.6 277°.69		5°.0/24.9 18	
8 19	0 2.83	+17 12.3	2.314	3.125	12.9	18.8
8 29	23 58.19	+17 1.7	2.224	3.112	10.5	18.6
9 8	23 52.09	+16 31.0	2.157	3.100	7.9	18.4
9 18	23 45.09	+15 40.8	2.114	3.087	5.6	18.2
9 28	23 37.94	+14 34.4	2.099	3.074	5.2	18.2
10 8	23 31.41	+13 17.4	2.111	3.062	7.0	18.3
10 18	23 26.20	+11 56.5	2.151	3.049	9.7	18.4
10 28	23 22.85	+10 38.6	2.214	3.036	12.4	18.6
63240 2001 BG_{26}			9 18.6 320°.67		7°.9/10.1 18	
8 19	0 2.73	−16 28.3	1.426	2.350	13.0	18.6
8 29	23 58.72	−18 35.4	1.373	2.335	9.8	18.4
9 8	23 52.58	−20 40.4	1.344	2.321	8.0	18.2
9 18	23 45.12	−22 30.4	1.340	2.307	8.8	18.2
9 28	23 37.53	−23 53.8	1.360	2.294	11.7	18.4
10 8	23 31.02	−24 44.0	1.401	2.282	15.2	18.6
10 18	23 26.57	−24 59.3	1.462	2.270	18.4	18.8
10 28	23 24.82	−24 42.0	1.539	2.258	21.2	18.9
319139 2005 YP_{15}			9 18.6 234°.94		1°.5/20.4 18	
8 19	0 4.03	+ 5 18.1	2.498	3.361	10.5	21.6
8 29	23 58.85	+ 4 57.6	2.418	3.353	7.7	21.4
9 8	23 52.37	+ 4 25.9	2.363	3.345	4.5	21.2
9 18	23 45.12	+ 3 45.5	2.336	3.337	1.7	21.0
9 28	23 37.77	+ 3 0.3	2.338	3.329	3.1	21.1
10 8	23 31.04	+ 2 15.0	2.369	3.320	6.2	21.3
10 18	23 25.52	+ 1 33.9	2.427	3.312	9.3	21.4
10 28	23 21.68	+ 1 0.7	2.509	3.303	11.9	21.6

294509 2007 XG_4 9 18.6 14°.05 7°.2/12.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 5.07	−16 40.9	1.400	2.321	13.3	19.4
8 29	0 0.16	−18 0.2	1.363	2.325	9.9	19.2
9 8	23 53.20	−19 13.1	1.349	2.329	7.5	19.1
9 18	23 45.16	−20 9.9	1.358	2.334	7.8	19.2
9 28	23 37.25	−20 42.7	1.392	2.340	10.4	19.3
10 8	23 30.63	−20 47.8	1.449	2.347	13.7	19.5
10 18	23 26.15	−20 25.8	1.526	2.354	16.8	19.8
10 28	23 24.30	−19 39.5	1.620	2.362	19.4	20.0

165598 2001 FB_{46} 9 18.6 211°.18 1°.1/19.9 18

8 19	0 4.35	+ 5 48.5	2.266	3.131	11.3	20.9
8 29	23 59.17	+ 4 49.6	2.187	3.124	8.2	20.6
9 8	23 52.58	+ 3 36.2	2.133	3.117	4.7	20.4
9 18	23 45.14	+ 2 12.5	2.107	3.110	1.3	20.2
9 28	23 37.61	+ 0 44.4	2.111	3.102	3.3	20.3
10 8	23 30.76	− 0 41.1	2.144	3.094	6.9	20.5
10 18	23 25.25	− 1 58.0	2.205	3.084	10.3	20.7
10 28	23 21.58	− 3 1.5	2.289	3.075	13.2	20.9

470071 2006 SZ_{289} 9 18.6 8°.51 5°.2/22.6 16

8 19	0 3.67	+11 20.6	1.088	1.972	19.4	20.2
8 29	23 59.70	+11 16.6	1.033	1.972	15.0	20.0
9 8	23 53.20	+10 42.7	0.997	1.974	10.1	19.7
9 18	23 45.18	+ 9 41.8	0.982	1.977	5.9	19.5
9 28	23 37.09	+ 8 21.9	0.990	1.980	6.1	19.5
10 8	23 30.41	+ 6 55.3	1.020	1.985	10.4	19.8
10 18	23 26.25	+ 5 34.2	1.072	1.991	15.1	20.1
10 28	23 25.26	+ 4 28.3	1.143	1.998	19.2	20.4

380733 2005 SY_7 9 18.6 341°.88 5°.1/14.3 18

8 19	0 4.86	− 9 37.2	1.263	2.187	14.3	19.8
8 29	0 0.28	−10 58.6	1.212	2.180	10.1	19.6
9 8	23 53.41	−12 24.1	1.182	2.175	6.1	19.3
9 18	23 45.19	−13 42.7	1.177	2.170	5.5	19.3
9 28	23 36.93	−14 43.9	1.196	2.166	8.9	19.5
10 8	23 29.95	−15 20.2	1.238	2.162	13.3	19.7
10 18	23 25.24	−15 29.0	1.300	2.159	17.3	20.0
10 28	23 23.42	−15 10.8	1.379	2.157	20.6	20.2

509613 2008 EL_{158} 9 18.6 153°.79 0°.9/19.4 17

8 19	0 8.80	+ 3 19.0	1.811	2.687	13.2	22.6
8 29	0 2.45	+ 2 43.8	1.750	2.695	9.4	22.4
9 8	23 54.35	+ 1 55.1	1.714	2.702	5.2	22.2
9 18	23 45.26	+ 0 57.6	1.704	2.708	1.1	21.9
9 28	23 36.19	− 0 2.5	1.723	2.714	4.0	22.1
10 8	23 28.13	− 0 58.3	1.770	2.719	8.2	22.4
10 18	23 21.85	− 1 44.4	1.842	2.723	11.9	22.6
10 28	23 17.90	− 2 16.8	1.936	2.727	15.0	22.8

113050 2002 RR_{52} 9 18.6 31°.26 3°.1/16.3 18

8 19	0 4.95	− 4 34.7	0.954	1.883	17.2	18.8
8 29	0 0.43	− 5 42.2	0.927	1.900	11.8	18.5
9 8	23 53.43	− 6 58.3	0.920	1.918	6.1	18.3
9 18	23 45.20	− 8 11.7	0.935	1.937	3.3	18.2
9 28	23 37.31	− 9 10.6	0.973	1.958	7.7	18.5
10 8	23 31.17	− 9 47.3	1.033	1.979	12.8	18.9
10 18	23 27.68	− 9 58.6	1.112	2.002	17.2	19.2
10 28	23 27.26	− 9 45.1	1.208	2.025	20.8	19.6

392764 2012 TC_{57} 9 18.6 253°.25 7°.4/27.7 18

8 19	0 4.35	+23 58.0	2.017	2.791	15.8	21.1
8 29	23 59.50	+23 42.7	1.925	2.779	13.4	20.9
9 8	23 52.90	+22 58.8	1.853	2.767	10.8	20.7
9 18	23 45.18	+21 45.8	1.805	2.755	8.4	20.6
9 28	23 37.28	+20 7.0	1.782	2.742	7.4	20.5
10 8	23 30.16	+18 9.5	1.786	2.729	8.6	20.5
10 18	23 24.65	+16 3.3	1.817	2.716	11.1	20.7
10 28	23 21.36	+13 58.9	1.873	2.703	13.9	20.8

239626 2008 UK_{369} 9 18.6 233°.01 5°.4/24.3 18

8 19	0 5.80	+16 10.3	1.934	2.757	14.7	20.7
8 29	0 0.48	+16 5.8	1.854	2.751	11.8	20.5
9 8	23 53.40	+15 38.7	1.795	2.744	8.7	20.3
9 18	23 45.22	+14 49.8	1.760	2.738	6.1	20.1
9 28	23 36.89	+13 42.9	1.753	2.731	5.7	20.1
10 8	23 29.37	+12 24.8	1.773	2.724	7.9	20.2
10 18	23 23.50	+11 3.6	1.818	2.717	11.1	20.4
10 28	23 19.86	+ 9 47.2	1.887	2.710	14.1	20.5

382718 2002 XR_{50} 9 18.6 349°.06 4°.2/21.6 18

8 19	0 0.13	+ 8 12.5	0.975	1.880	19.2	19.7
8 29	23 57.48	+ 8 13.2	0.915	1.868	14.7	19.4
9 8	23 52.18	+ 7 46.0	0.872	1.857	9.4	19.1
9 18	23 45.16	+ 6 53.3	0.849	1.848	4.8	18.8
9 28	23 37.90	+ 5 43.6	0.847	1.841	5.8	18.8
10 8	23 31.98	+ 4 28.9	0.867	1.836	11.1	19.1
10 18	23 28.66	+ 3 21.7	0.907	1.833	16.4	19.4
10 28	23 28.70	+ 2 31.6	0.963	1.832	20.9	19.7

154623 2003 SU_{238} 9 18.6 50°.72 1°.1/19.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 5.23	+ 3 11.2	1.984	2.863	12.1	19.7
8 29	23 59.78	+ 2 55.2	1.932	2.877	8.7	19.5
9 8	23 52.87	+ 2 27.9	1.904	2.892	4.9	19.3
9 18	23 45.19	+ 1 53.0	1.904	2.907	1.3	19.1
9 28	23 37.58	+ 1 15.1	1.931	2.922	3.5	19.3
10 8	23 30.88	+ 0 39.5	1.986	2.938	7.2	19.6
10 18	23 25.73	+ 0 10.4	2.066	2.954	10.5	19.8
10 28	23 22.58	− 0 8.8	2.169	2.969	13.3	20.0

97800 2000 NO_{23} 9 18.6 298°.90 5°.6/14.1 18

8 19	0 7.37	−10 36.4	1.240	2.162	14.7	18.6
8 29	0 2.20	−11 58.4	1.183	2.150	10.4	18.3
9 8	23 54.52	−13 24.1	1.147	2.139	6.6	18.0
9 18	23 45.30	−14 42.2	1.136	2.127	6.0	18.0
9 28	23 35.93	−15 41.4	1.149	2.116	9.6	18.2
10 8	23 27.87	−16 14.0	1.184	2.105	14.1	18.4
10 18	23 22.23	−16 17.5	1.240	2.095	18.3	18.6
10 28	23 19.72	−15 52.8	1.311	2.084	21.8	18.8

356614 2011 US_{12} 9 18.6 255°.47 1°.6/17.0 18

8 19	0 6.39	− 4 33.0	2.000	2.897	11.2	20.7
8 29	0 0.73	− 5 7.9	1.932	2.890	7.8	20.5
9 8	23 53.46	− 5 48.6	1.889	2.883	4.0	20.2
9 18	23 45.24	− 6 30.2	1.874	2.876	1.6	20.1
9 28	23 36.95	− 7 7.3	1.886	2.869	4.8	20.3
10 8	23 29.48	− 7 35.0	1.926	2.862	8.5	20.5
10 18	23 23.58	− 7 49.9	1.991	2.855	11.9	20.7
10 28	23 19.77	− 7 50.4	2.078	2.848	14.8	20.9

342216 2008 SE_{248} 9 18.6 245°.04 2°.3/21.1 18

8 19	0 4.53	+ 8 28.2	1.815	2.680	13.7	21.1
8 29	23 59.61	+ 7 43.5	1.739	2.673	10.2	20.9
9 8	23 52.94	+ 6 39.2	1.686	2.666	6.3	20.6
9 18	23 45.21	+ 5 19.3	1.659	2.658	2.7	20.4
9 28	23 37.35	+ 3 50.5	1.659	2.651	3.9	20.5
10 8	23 30.34	+ 2 21.4	1.687	2.643	7.9	20.7
10 18	23 24.98	+ 0 59.8	1.741	2.635	11.8	20.9
10 28	23 21.85	− 0 7.9	1.817	2.627	15.1	21.1

301452 2009 DK_{102} 9 18.6 288°.08 3°.7/14.8 18

8 19	0 5.69	− 9 47.2	1.856	2.764	11.3	20.1
8 29	0 0.29	−10 47.5	1.801	2.762	7.9	19.9
9 8	23 53.23	−11 49.6	1.770	2.761	4.7	19.8
9 18	23 45.23	−12 46.7	1.766	2.760	4.0	19.7
9 28	23 37.22	−13 32.1	1.790	2.758	6.7	19.9
10 8	23 30.15	−14 1.0	1.840	2.757	10.1	20.1
10 18	23 24.75	−14 11.2	1.913	2.756	13.3	20.3
10 28	23 21.54	−14 2.4	2.006	2.754	16.0	20.5

129053 Derekshannon 9 18.6 303°.45 6°.0/25.3 18

8 19	0 4.33	+18 7.8	2.192	2.998	13.7	19.3
8 29	23 59.35	+18 23.2	2.107	2.988	11.3	19.1
9 8	23 52.79	+18 18.5	2.043	2.979	8.7	18.9
9 18	23 45.23	+17 53.3	2.004	2.969	6.6	18.8
9 28	23 37.49	+17 9.8	1.991	2.960	6.1	18.7
10 8	23 30.42	+16 13.0	2.005	2.950	7.6	18.8
10 18	23 24.79	+15 9.3	2.045	2.941	10.2	19.0
10 28	23 21.15	+14 5.6	2.109	2.932	12.8	19.1

226027 2002 EK_{127} 9 18.6 310°.50 0°.6/19.6 15

8 19	0 2.68	+ 1 35.5	4.080	4.943	6.8	19.7
8 29	23 57.51	+ 1 41.7	3.999	4.937	4.8	19.6
9 8	23 51.56	+ 1 43.3	3.946	4.931	2.7	19.4
9 18	23 45.16	+ 1 41.5	3.922	4.925	0.7	19.3
9 28	23 38.72	+ 1 38.1	3.929	4.919	2.0	19.4
10 8	23 32.65	+ 1 34.9	3.967	4.913	4.2	19.5
10 18	23 27.32	+ 1 33.6	4.034	4.908	6.2	19.7
10 28	23 23.03	+ 1 35.8	4.127	4.902	7.9	19.8

72735 2001 FM_{102} 9 18.6 123°.33 0°.3/19.0 18

8 19	0 3.10	+ 2 1.9	2.499	3.376	10.0	19.8
8 29	23 58.13	+ 1 21.7	2.437	3.383	7.1	19.6
9 8	23 51.98	+ 0 32.4	2.402	3.391	3.8	19.4
9 18	23 45.18	− 0 22.3	2.394	3.399	0.5	19.2
9 28	23 38.40	− 1 17.7	2.416	3.406	3.1	19.4
10 8	23 32.28	− 2 9.1	2.467	3.413	6.3	19.6
10 18	23 27.37	− 2 52.5	2.544	3.420	9.2	19.8
10 28	23 24.07	− 3 25.0	2.645	3.427	11.7	20.0

319182 2005 YO_{129} 9 18.6 66°.89 0°.6/18.1 18

8 19	0 7.22	− 0 42.8	1.533	2.432	13.9	21.1
8 29	0 1.55	− 1 22.0	1.482	2.439	9.7	20.8
9 8	23 53.96	− 2 12.2	1.453	2.447	5.0	20.6
9 18	23 45.30	− 3 7.3	1.450	2.455	0.6	20.3
9 28	23 36.71	− 4 0.0	1.474	2.463	4.9	20.6
10 8	23 29.28	− 4 43.5	1.524	2.471	9.4	20.9
10 18	23 23.84	− 5 12.8	1.597	2.479	13.4	21.2
10 28	23 20.92	− 5 25.4	1.691	2.487	16.7	21.4

407137 2009 SH_{363} 9 18.6 235°.76 5°.4/13.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 9.91	−19 39.6	2.425	3.317	9.7	20.7
8 29	0 2.91	−20 7.5	2.370	3.314	7.3	20.5
9 8	23 54.50	−20 28.5	2.341	3.310	5.6	20.4
9 18	23 45.34	−20 37.9	2.340	3.307	5.6	20.4
9 28	23 36.24	−20 32.1	2.367	3.304	7.3	20.5
10 8	23 28.01	−20 9.5	2.422	3.300	9.7	20.6
10 18	23 21.29	−19 30.7	2.500	3.296	12.0	20.8
10 28	23 16.53	−18 37.2	2.600	3.293	14.0	21.0

14872 Hoher List 9 18.6 354°.06 0°.7/19.1 18

8 19	0 3.79	+ 0 51.0	1.021	1.939	17.4	16.7
8 29	23 59.93	+ 0 45.1	0.966	1.931	12.5	16.4
9 8	23 53.43	+ 0 22.8	0.930	1.925	6.8	16.1
9 18	23 45.29	− 0 10.8	0.916	1.921	1.0	15.7
9 28	23 37.02	− 0 47.3	0.924	1.918	5.6	16.0
10 8	23 30.19	− 1 17.9	0.954	1.916	11.4	16.3
10 18	23 25.96	− 1 35.3	1.004	1.917	16.6	16.6
10 28	23 25.03	− 1 35.2	1.072	1.919	20.9	16.9

200246 1999 VK_{125} 9 18.6 186°.90 2°.1/16.4 18

8 19	0 7.49	− 6 18.6	2.226	3.120	10.3	21.6
8 29	0 1.35	− 7 1.8	2.163	3.119	7.1	21.4
9 8	23 53.74	− 7 48.8	2.126	3.118	3.8	21.2
9 18	23 45.30	− 8 34.8	2.117	3.117	2.2	21.0
9 28	23 36.85	− 9 14.5	2.138	3.115	4.9	21.2
10 8	23 29.19	− 9 43.6	2.186	3.113	8.2	21.4
10 18	23 22.99	− 9 59.6	2.260	3.110	11.3	21.6
10 28	23 18.74	−10 1.1	2.356	3.107	13.8	21.8

4986 Osipovia 9 18.6 292°.53 2°.3/20.7 18 R

8 19	0 4.87	+ 7 5.9	1.660	2.534	14.3	17.2
8 29	0 0.14	+ 6 35.6	1.571	2.511	10.7	17.0
9 8	23 53.39	+ 5 45.6	1.505	2.488	6.5	16.7
9 18	23 45.29	+ 4 38.9	1.463	2.464	2.7	16.4
9 28	23 36.86	+ 3 21.9	1.448	2.440	4.3	16.4
10 8	23 29.22	+ 2 3.1	1.460	2.417	8.8	16.6
10 18	23 23.35	+ 0 50.9	1.496	2.393	13.2	16.8
10 28	23 19.99	− 0 7.4	1.554	2.370	17.0	17.0

437296 2013 BK_{40} 9 18.6 270°.78 1°.5/15.6 16

8 19	23 57.51	− 7 52.1	4.333	5.228	5.7	21.3
8 29	23 53.92	− 8 31.7	4.266	5.223	3.9	21.2
9 8	23 49.68	− 9 12.8	4.226	5.218	2.2	21.1
9 18	23 45.08	− 9 52.8	4.217	5.214	1.5	21.0
9 28	23 40.45	−10 29.1	4.237	5.209	3.0	21.1
10 8	23 36.14	−10 59.6	4.287	5.204	4.8	21.3
10 18	23 32.47	−11 22.7	4.363	5.199	6.5	21.4
10 28	23 29.70	−11 37.1	4.464	5.195	8.0	21.5

25692 2000 AJ_{124} 9 18.6 107°.53 1°.6/16.6 18

8 19	0 2.87	− 4 12.4	2.326	3.222	9.9	18.3
8 29	23 58.07	− 5 7.4	2.267	3.225	6.8	18.1
9 8	23 52.00	− 6 7.8	2.234	3.228	3.5	17.9
9 18	23 45.22	− 7 8.7	2.229	3.231	1.6	17.8
9 28	23 38.44	− 8 4.8	2.253	3.234	4.4	18.0
10 8	23 32.36	− 8 51.3	2.305	3.237	7.6	18.2
10 18	23 27.57	− 9 24.9	2.383	3.240	10.5	18.4
10 28	23 24.49	− 9 43.8	2.482	3.243	12.9	18.6

59940 1999 RT_{197} 9 18.6 3°.88 6°.4/23.5 18

8 19	0 3.85	+13 14.7	1.083	1.960	20.0	18.5
8 29	23 59.92	+13 26.2	1.027	1.959	15.8	18.3
9 8	23 53.41	+13 6.4	0.988	1.958	11.2	18.0
9 18	23 45.31	+12 16.3	0.970	1.959	7.2	17.8
9 28	23 37.08	+11 2.6	0.974	1.962	6.9	17.8
10 8	23 30.26	+ 9 37.2	1.000	1.965	10.6	18.0
10 18	23 25.98	+ 8 12.7	1.048	1.969	15.2	18.3
10 28	23 24.95	+ 7 0.5	1.114	1.975	19.3	18.6

353198 2009 SB_{200} 9 18.6 241°.97 0°.7/20.1 18

8 19	23 57.64	+ 3 38.8	4.715	5.575	6.0	21.5
8 29	23 53.98	+ 3 19.3	4.633	5.568	4.3	21.3
9 8	23 49.71	+ 2 54.6	4.577	5.561	2.5	21.2
9 18	23 45.09	+ 2 26.1	4.551	5.554	0.8	21.0
9 28	23 40.44	+ 1 55.7	4.556	5.547	1.7	21.1
10 8	23 36.07	+ 1 25.6	4.591	5.539	3.6	21.3
10 18	23 32.28	+ 0 57.8	4.654	5.532	5.3	21.4
10 28	23 29.32	+ 0 34.2	4.743	5.524	6.9	21.5

282233 2002 CA_{129} 9 18.6 206°.32 3°.4/14.6 18

8 19	0 4.62	− 6 40.8	1.851	2.757	11.5	20.3
8 29	23 59.61	− 8 25.6	1.791	2.754	7.9	20.1
9 8	23 52.93	−10 16.9	1.758	2.751	4.5	19.9
9 18	23 45.28	−12 6.1	1.752	2.747	3.7	19.9
9 28	23 37.56	−13 43.8	1.775	2.743	6.7	20.0
10 8	23 30.72	−15 2.7	1.825	2.739	10.4	20.3
10 18	23 25.50	−15 58.6	1.899	2.735	13.7	20.5
10 28	23 22.45	−16 30.4	1.992	2.730	16.4	20.7

506629 2006 JV_{20} 9 18.6 256°.38 12°.4/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 11.56	−36 41.5	1.852	2.715	13.6	20.6
8 29	0 4.68	−38 15.1	1.824	2.708	12.6	20.5
9 8	23 55.63	−39 26.0	1.817	2.701	12.5	20.5
9 18	23 45.43	−40 5.7	1.833	2.695	13.3	20.5
9 28	23 35.36	−40 9.4	1.869	2.688	14.8	20.6
10 8	23 26.66	−39 37.3	1.925	2.681	16.5	20.8
10 18	23 20.22	−38 33.4	1.998	2.674	18.2	20.9
10 28	23 16.58	−37 3.4	2.085	2.667	19.7	21.0

352822 2008 UZ_{326} 9 18.6 296°.06 7°.1/11.1 18

8 19	0 5.20	−16 59.7	1.652	2.567	12.1	20.4
8 29	0 0.31	−18 38.8	1.592	2.549	9.1	20.2
9 8	23 53.43	−20 14.9	1.556	2.532	7.2	20.0
9 18	23 45.32	−21 37.9	1.546	2.515	7.8	20.0
9 28	23 37.05	−22 38.8	1.561	2.497	10.4	20.1
10 8	23 29.75	−23 11.9	1.600	2.480	13.6	20.3
10 18	23 24.33	−23 16.0	1.659	2.463	16.7	20.4
10 28	23 21.43	−22 52.5	1.734	2.447	19.4	20.6

515381 2013 EJ_{155} 9 18.6 174°.04 0°.7/17.9 18

8 19	0 5.17	− 1 55.3	2.268	3.156	10.4	22.0
8 29	23 59.71	− 2 29.2	2.203	3.157	7.2	21.8
9 8	23 52.88	− 3 10.1	2.165	3.158	3.7	21.6
9 18	23 45.28	− 3 53.7	2.154	3.158	0.7	21.4
9 28	23 37.66	− 4 35.4	2.172	3.159	3.8	21.6
10 8	23 30.78	− 5 10.5	2.219	3.159	7.3	21.9
10 18	23 25.27	− 5 35.7	2.291	3.159	10.4	22.1
10 28	23 21.58	− 5 48.6	2.386	3.159	13.0	22.2

325075 2008 DQ_2 9 18.6 101°.50 2°.3/16.4 18

8 19	0 7.52	− 3 11.7	1.539	2.442	13.6	20.9
8 29	0 1.67	− 4 41.2	1.499	2.460	9.3	20.7
9 8	23 53.98	− 6 19.3	1.483	2.477	4.8	20.4
9 18	23 45.35	− 7 56.8	1.493	2.495	2.5	20.3
9 28	23 36.88	− 9 24.0	1.531	2.512	6.1	20.6
10 8	23 29.63	−10 33.4	1.596	2.528	10.3	20.9
10 18	23 24.38	−11 20.8	1.684	2.544	13.9	21.2
10 28	23 21.59	−11 45.2	1.791	2.560	16.9	21.4

156767 2003 AH_{32} 9 18.6 140°.52 0°.2/18.8 17

8 19	0 8.78	+ 1 19.9	1.833	2.716	12.8	20.8
8 29	0 2.43	+ 0 45.4	1.776	2.725	9.0	20.6
9 8	23 54.37	− 0 0.2	1.744	2.734	4.8	20.4
9 18	23 45.38	− 0 52.3	1.738	2.743	0.5	20.1
9 28	23 36.43	− 1 44.8	1.761	2.751	4.0	20.4
10 8	23 28.49	− 2 31.6	1.811	2.758	8.2	20.7
10 18	23 22.32	− 3 7.8	1.887	2.765	11.8	20.9
10 28	23 18.42	− 3 30.3	1.985	2.771	14.9	21.1

130166 1999 YL_{17} 9 18.6 295°.89 0°.1/18.8 17

8 19	0 3.63	+ 0 53.7	2.145	3.030	11.0	21.0
8 29	23 58.82	+ 0 21.7	2.064	3.015	7.8	20.7
9 8	23 52.51	− 0 20.5	2.008	2.999	4.2	20.5
9 18	23 45.28	− 1 9.0	1.979	2.984	0.3	20.1
9 28	23 37.90	− 1 58.9	1.979	2.969	3.7	20.4
10 8	23 31.20	− 2 44.5	2.006	2.954	7.5	20.6
10 18	23 25.86	− 3 21.4	2.060	2.939	10.9	20.8
10 28	23 22.43	− 3 46.0	2.135	2.924	13.9	21.0

231674 1994 PG_6 9 18.6 36°.45 1°.3/19.6 18

8 19	0 7.50	+ 2 43.9	1.282	2.179	16.1	19.5
8 29	0 1.89	+ 2 33.0	1.243	2.197	11.5	19.3
9 8	23 54.17	+ 2 6.7	1.225	2.216	6.4	19.1
9 18	23 45.37	+ 1 30.0	1.231	2.235	1.6	18.8
9 28	23 36.78	+ 0 49.9	1.263	2.255	4.6	19.1
10 8	23 29.61	+ 0 14.0	1.319	2.276	9.5	19.4
10 18	23 24.73	− 0 11.9	1.398	2.298	13.7	19.7
10 28	23 22.61	− 0 24.1	1.497	2.320	17.2	20.0

112675 2002 PK_{95} 9 18.6 23°.24 1°.2/19.5 18

8 19	0 6.04	+ 2 11.0	1.252	2.154	16.1	18.3
8 29	0 0.99	+ 2 3.3	1.208	2.164	11.5	18.1
9 8	23 53.77	+ 1 40.6	1.185	2.176	6.4	17.8
9 18	23 45.37	+ 1 7.4	1.186	2.190	1.4	17.6
9 28	23 37.09	+ 0 31.0	1.211	2.204	4.7	17.8
10 8	23 30.20	− 0 1.3	1.261	2.219	9.7	18.2
10 18	23 25.58	− 0 23.6	1.333	2.235	14.0	18.5
10 28	23 23.75	− 0 32.0	1.424	2.252	17.6	18.8

178547 1999 VR_{39} 9 18.6 254°.94 1°.8/17.4 18

8 19	0 10.93	− 4 28.5	1.463	2.366	14.2	20.4
8 29	0 4.41	− 4 53.9	1.400	2.360	9.9	20.1
9 8	23 55.63	− 5 26.5	1.360	2.354	5.2	19.9
9 18	23 45.49	− 6 0.5	1.345	2.348	1.8	19.6
9 28	23 35.25	− 6 28.8	1.357	2.342	5.8	19.9
10 8	23 26.21	− 6 45.8	1.394	2.336	10.6	20.1
10 18	23 19.38	− 6 47.7	1.454	2.330	14.9	20.4
10 28	23 15.41	− 6 32.9	1.534	2.323	18.4	20.6

340504 2006 HZ_{152} 9 18.6 211°38 4°7/13.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 7.54	−13 26.8	2.050	2.954	10.6	21.3
8 29	0 1.54	−14 32.1	1.992	2.949	7.6	21.1
9 8	23 53.93	−15 36.2	1.960	2.944	5.2	20.9
9 18	23 45.38	−16 32.4	1.955	2.938	5.0	20.9
9 28	23 36.81	−17 14.3	1.977	2.931	7.3	21.0
10 8	23 29.10	−17 37.9	2.027	2.925	10.3	21.2
10 18	23 23.00	−17 41.8	2.099	2.918	13.2	21.4
10 28	23 19.02	−17 26.4	2.192	2.910	15.6	21.6

496083 2009 SD_{130} 9 18.6 337°32 0°4/19.0 15

8 19	0 1.57	+ 2 28.3	1.852	2.742	12.3	21.3
8 29	23 57.52	+ 1 42.0	1.780	2.732	8.8	21.0
9 8	23 51.87	+ 0 42.2	1.732	2.724	4.8	20.8
9 18	23 45.26	− 0 26.3	1.711	2.715	0.6	20.4
9 28	23 38.55	− 1 36.8	1.716	2.708	3.9	20.7
10 8	23 32.63	− 2 42.3	1.749	2.700	8.0	20.9
10 18	23 28.22	− 3 36.6	1.806	2.694	11.8	21.2
10 28	23 25.88	− 4 15.6	1.885	2.688	14.9	21.4

505132 2012 HC_{28} 9 18.6 101°11 7°8/28.4 17

8 19	0 6.63	+25 40.5	1.677	2.451	18.5	20.8
8 29	0 1.13	+24 54.3	1.614	2.469	15.5	20.7
9 8	23 53.75	+23 32.7	1.571	2.487	12.2	20.5
9 18	23 45.37	+21 37.3	1.551	2.504	9.2	20.4
9 28	23 37.10	+19 15.0	1.556	2.521	7.8	20.3
10 8	23 30.03	+16 37.9	1.590	2.538	9.0	20.4
10 18	23 24.97	+13 59.2	1.650	2.554	11.7	20.6
10 28	23 22.39	+11 31.4	1.735	2.570	14.7	20.9

219318 2000 FB_{9} 9 18.6 210°46 0°4/18.9 17

8 19	0 8.02	+ 1 49.9	1.818	2.701	12.8	21.8
8 29	0 2.06	+ 1 13.4	1.748	2.696	9.2	21.6
9 8	23 54.29	+ 0 24.4	1.701	2.691	5.0	21.3
9 18	23 45.43	− 0 32.7	1.681	2.685	0.6	21.0
9 28	23 36.46	− 1 31.4	1.689	2.679	4.1	21.3
10 8	23 28.39	− 2 25.1	1.725	2.673	8.4	21.5
10 18	23 22.07	− 3 8.1	1.786	2.666	12.3	21.7
10 28	23 18.06	− 3 36.8	1.868	2.658	15.5	21.9

198326 2004 TX_{358} 9 18.6 108°88 0°9/19.5 18

8 19	0 8.10	+ 3 4.6	1.759	2.639	13.3	20.8
8 29	0 2.01	+ 2 36.9	1.704	2.650	9.5	20.6
9 8	23 54.18	+ 1 56.4	1.673	2.662	5.3	20.4
9 18	23 45.42	+ 1 7.2	1.669	2.673	1.2	20.1
9 28	23 36.72	+ 0 15.6	1.692	2.684	3.9	20.3
10 8	23 29.06	− 0 32.1	1.743	2.694	8.1	20.6
10 18	23 23.21	− 1 10.6	1.819	2.705	11.8	20.9
10 28	23 19.67	− 1 36.2	1.917	2.715	14.9	21.1

226406 2003 QA_{70} 9 18.6 355°85 16°7/ 6.1 17

8 19	0 5.53	+36 51.2	1.564	2.264	22.4	18.4
8 29	0 1.27	+38 58.4	1.496	2.255	20.9	18.3
9 8	23 54.32	+40 31.4	1.442	2.249	19.3	18.1
9 18	23 45.45	+41 22.6	1.404	2.244	17.9	18.0
9 28	23 36.00	+41 27.6	1.383	2.241	16.9	18.0
10 8	23 27.56	+40 48.7	1.380	2.239	16.7	17.9
10 18	23 21.54	+39 33.4	1.395	2.239	17.2	18.0
10 28	23 18.90	+37 53.8	1.428	2.241	18.4	18.1

57809 2001 VS_{122} 9 18.6 215°48 8°0/ 8.8 18

8 19	0 8.34	−26 56.5	2.296	3.182	10.4	18.9
8 29	0 2.01	−28 7.0	2.253	3.177	8.7	18.8
9 8	23 54.14	−29 5.6	2.236	3.172	8.0	18.7
9 18	23 45.42	−29 46.0	2.244	3.167	8.5	18.7
9 28	23 36.75	−30 3.4	2.278	3.162	10.1	18.8
10 8	23 28.99	−29 56.4	2.335	3.156	12.1	19.0
10 18	23 22.84	−29 26.1	2.414	3.150	14.0	19.1
10 28	23 18.77	−28 35.2	2.511	3.143	15.7	19.2

343070 2009 CK_{49} 9 18.6 134°73 0°6/17.7 17

8 19	0 2.23	− 3 21.0	3.564	4.446	7.1	21.1
8 29	23 57.27	− 3 42.1	3.504	4.455	4.9	21.0
9 8	23 51.49	− 4 6.5	3.471	4.463	2.5	20.8
9 18	23 45.27	− 4 31.9	3.467	4.471	0.6	20.7
9 28	23 39.06	− 4 55.5	3.494	4.479	2.7	20.9
10 8	23 33.33	− 5 15.0	3.551	4.487	5.0	21.0
10 18	23 28.44	− 5 28.5	3.636	4.494	7.2	21.2
10 28	23 24.73	− 5 34.5	3.745	4.502	9.0	21.3

71375 2000 AT_{141} 9 18.6 286°34 0°6/17.9 18

8 19	0 2.04	− 0 17.4	2.247	3.137	10.4	18.7
8 29	23 57.62	− 1 16.8	2.175	3.129	7.3	18.5
9 8	23 51.85	− 2 26.0	2.128	3.122	3.8	18.3
9 18	23 45.30	− 3 39.8	2.110	3.114	0.6	18.0
9 28	23 38.66	− 4 52.4	2.120	3.106	3.9	18.3
10 8	23 32.68	− 5 57.7	2.158	3.099	7.4	18.5
10 18	23 27.98	− 6 51.1	2.222	3.092	10.6	18.7
10 28	23 25.05	− 7 29.4	2.308	3.084	13.4	18.8

449773 2014 OP_{105} 9 18.6 338°79 4°3/13.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 3.17	−11 53.0	2.009	2.920	10.5	21.1
8 29	23 58.51	−13 5.3	1.955	2.916	7.4	20.9
9 8	23 52.35	−14 17.7	1.925	2.913	4.8	20.8
9 18	23 45.33	−15 23.6	1.923	2.909	4.6	20.7
9 28	23 38.29	−16 16.2	1.948	2.906	7.0	20.9
10 8	23 32.06	−16 51.1	1.999	2.904	10.1	21.1
10 18	23 27.33	−17 6.1	2.072	2.901	13.0	21.3
10 28	23 24.57	−17 1.2	2.166	2.899	15.4	21.4

257787 2000 DT_{64} 9 18.6 231°02 0°9/19.4 18

8 19	0 9.08	+ 2 48.7	1.866	2.743	12.8	21.5
8 29	0 2.86	+ 2 23.6	1.787	2.732	9.3	21.3
9 8	23 54.76	+ 1 45.4	1.732	2.720	5.2	21.0
9 18	23 45.48	+ 0 58.0	1.703	2.707	1.1	20.7
9 28	23 36.02	+ 0 6.9	1.703	2.694	4.0	20.9
10 8	23 27.39	− 0 41.5	1.731	2.680	8.3	21.1
10 18	23 20.48	− 1 21.6	1.784	2.666	12.2	21.3
10 28	23 15.91	− 1 49.1	1.859	2.651	15.5	21.5

249680 1999 VH_{227} 9 18.6 22°62 14°6/ 7.5 17

8 19	0 4.40	+36 1.0	1.473	2.188	23.0	17.8
8 29	0 0.13	+37 16.1	1.426	2.205	20.9	17.7
9 8	23 53.47	+37 50.5	1.393	2.224	18.6	17.6
9 18	23 45.40	+37 39.9	1.376	2.244	16.6	17.5
9 28	23 37.30	+36 44.6	1.377	2.266	15.1	17.5
10 8	23 30.54	+35 11.7	1.398	2.288	14.6	17.5
10 18	23 26.18	+33 12.5	1.440	2.312	15.1	17.6
10 28	23 24.83	+31 1.1	1.502	2.337	16.5	17.8

19108 1981 EV_{21} 9 18.6 291°12 0°1/18.7 18

8 19	0 7.34	− 0 35.9	2.071	2.956	11.4	19.1
8 29	0 1.46	− 0 42.5	1.995	2.945	8.1	18.9
9 8	23 53.94	− 0 56.9	1.943	2.934	4.3	18.7
9 18	23 45.44	− 1 16.0	1.919	2.923	0.3	18.3
9 28	23 36.81	− 1 35.7	1.923	2.912	3.8	18.6
10 8	23 28.94	− 1 51.8	1.955	2.902	7.7	18.8
10 18	23 22.59	− 2 0.7	2.012	2.891	11.2	19.0
10 28	23 18.31	− 1 59.8	2.092	2.880	14.2	19.2

374255 2005 HK_{6} 9 18.6 101°64 5°0/14.4 17

8 19	0 9.11	−10 52.5	1.459	2.372	13.5	21.0
8 29	0 2.95	−12 9.4	1.420	2.383	9.5	20.8
9 8	23 54.75	−13 26.5	1.403	2.393	5.9	20.6
9 18	23 45.49	−14 34.5	1.412	2.403	5.3	20.6
9 28	23 36.37	−15 24.9	1.448	2.413	8.3	20.8
10 8	23 28.58	−15 52.5	1.508	2.422	12.1	21.0
10 18	23 22.96	−15 56.1	1.589	2.432	15.5	21.3
10 28	23 20.01	−15 37.0	1.689	2.441	18.4	21.5

146657 2001 UB_{114} 9 18.6 5°28 1°2/17.5 18

8 19	0 5.51	− 3 3.4	1.744	2.645	12.4	20.2
8 29	0 0.29	− 3 38.6	1.686	2.645	8.6	19.9
9 8	23 53.35	− 4 21.4	1.651	2.645	4.4	19.7
9 18	23 45.42	− 5 6.6	1.642	2.646	1.3	19.5
9 28	23 37.48	− 5 48.0	1.661	2.647	4.8	19.7
10 8	23 30.49	− 6 19.8	1.706	2.648	8.9	20.0
10 18	23 25.24	− 6 38.4	1.775	2.650	12.6	20.2
10 28	23 22.24	− 6 41.6	1.864	2.652	15.7	20.4

71821 2000 UR_{34} 9 18.6 256°62 2°5/20.7 18

8 19	0 7.84	+ 7 0.9	1.505	2.381	15.4	19.7
8 29	0 2.36	+ 6 35.2	1.429	2.369	11.5	19.5
9 8	23 54.65	+ 5 49.0	1.374	2.357	7.0	19.2
9 18	23 45.51	+ 4 45.8	1.343	2.344	2.9	18.9
9 28	23 36.12	+ 3 32.5	1.339	2.331	4.6	19.0
10 8	23 27.72	+ 2 18.2	1.361	2.318	9.3	19.2
10 18	23 21.37	+ 1 11.6	1.408	2.305	13.8	19.4
10 28	23 17.78	+ 0 19.6	1.474	2.291	17.7	19.7

361014 2005 VT_{126} 9 18.6 312°30 0°0/18.6 18

8 19	0 4.01	+ 0 45.6	1.937	2.826	11.9	21.5
8 29	23 59.17	+ 0 6.9	1.868	2.820	8.4	21.3
9 8	23 52.75	− 0 42.8	1.822	2.814	4.5	21.0
9 18	23 45.39	− 1 38.8	1.803	2.808	0.3	20.7
9 28	23 37.94	− 2 35.3	1.813	2.802	4.0	21.0
10 8	23 31.28	− 3 26.0	1.849	2.797	8.0	21.2
10 18	23 26.15	− 4 6.1	1.910	2.791	11.6	21.4
10 28	23 23.08	− 4 32.0	1.994	2.786	14.6	21.6

468511 2005 QO_{142} 9 18.6 50°44 11°6/29.8 17

8 19	0 10.07	+26 8.2	1.269	2.061	22.5	20.4
8 29	0 4.01	+26 59.9	1.230	2.086	19.2	20.2
9 8	23 55.46	+27 12.2	1.206	2.113	15.9	20.1
9 18	23 45.55	+26 43.0	1.202	2.139	13.0	20.0
9 28	23 35.82	+25 36.1	1.219	2.166	11.6	20.0
10 8	23 27.72	+24 2.0	1.259	2.194	12.2	20.1
10 18	23 22.28	+22 14.3	1.321	2.221	14.3	20.3
10 28	23 20.02	+20 26.6	1.404	2.249	16.9	20.6

257782 2000 DJ_{31} 9 18.6 189°.03 0°.2/18.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 8.10	+ 0 26.8	1.813	2.699	12.7	21.4
8 29	0 2.09	− 0 17.9	1.747	2.699	8.9	21.2
9 8	23 54.31	− 1 14.2	1.706	2.698	4.7	20.9
9 18	23 45.49	− 2 16.6	1.691	2.696	0.3	20.6
9 28	23 36.61	− 3 18.4	1.705	2.694	4.3	20.9
10 8	23 28.67	− 4 13.0	1.747	2.692	8.6	21.2
10 18	23 22.47	− 4 55.0	1.813	2.688	12.4	21.4
10 28	23 18.58	− 5 21.4	1.901	2.685	15.5	21.6

149190 2002 LZ_{8} 9 18.6 47°.79 0°.0/18.6 17

8 19	0 6.74	+ 2 15.7	1.080	1.988	17.5	19.8
8 29	0 1.58	+ 1 14.4	1.049	2.010	12.3	19.6
9 8	23 54.10	− 0 4.6	1.037	2.032	6.5	19.3
9 18	23 45.47	− 1 31.8	1.049	2.054	0.4	19.0
9 28	23 37.15	− 2 55.5	1.086	2.077	5.5	19.4
10 8	23 30.47	− 4 5.2	1.146	2.101	10.8	19.8
10 18	23 26.30	− 4 54.4	1.228	2.125	15.4	20.1
10 28	23 25.08	− 5 20.3	1.328	2.149	19.0	20.4

247181 2001 DC_{51} 9 18.6 262°.46 5°.8/22.3 18

8 19	0 17.25	+11 59.7	1.908	2.734	14.7	20.3
8 29	0 8.83	+13 9.7	1.819	2.721	11.7	20.1
9 8	23 58.07	+14 5.1	1.754	2.707	8.5	19.9
9 18	23 45.74	+14 43.2	1.716	2.694	6.1	19.7
9 28	23 32.96	+15 3.8	1.707	2.680	6.4	19.7
10 8	23 21.01	+15 9.6	1.726	2.666	9.1	19.8
10 18	23 10.96	+15 5.6	1.772	2.652	12.4	20.0
10 28	23 3.63	+14 58.0	1.841	2.638	15.5	20.2

177148 Pätzold 9 18.6 231°.42 1°.3/17.5 18

8 19	0 8.26	− 1 36.5	1.631	2.527	13.3	20.9
8 29	0 2.46	− 2 37.0	1.560	2.518	9.3	20.7
9 8	23 54.62	− 3 49.4	1.513	2.507	4.8	20.4
9 18	23 45.53	− 5 7.0	1.492	2.496	1.3	20.1
9 28	23 36.26	− 6 21.2	1.499	2.485	5.4	20.4
10 8	23 27.97	− 7 24.1	1.533	2.473	10.0	20.6
10 18	23 21.59	− 8 9.8	1.590	2.460	14.1	20.9
10 28	23 17.77	− 8 35.4	1.668	2.447	17.5	21.1

352225 2007 TB_{65} 9 18.6 1°.33 4°.0/15.1 18

8 19	0 7.35	−10 24.9	1.667	2.577	12.3	20.3
8 29	0 1.64	−11 12.5	1.614	2.576	8.6	20.1
9 8	23 54.08	−12 0.9	1.585	2.576	5.2	19.9
9 18	23 45.49	−12 43.2	1.582	2.576	4.2	19.8
9 28	23 36.92	−13 12.8	1.606	2.576	7.0	20.0
10 8	23 29.42	−13 25.3	1.655	2.577	10.7	20.2
10 18	23 23.81	−13 19.0	1.727	2.578	14.1	20.4
10 28	23 20.62	−12 54.0	1.819	2.579	17.0	20.7

506544 2005 EN_{47} 9 18.7 97°.40 0°.4/19.0 17

8 19	0 10.52	+ 2 1.5	1.497	2.384	14.8	21.8
8 29	0 3.84	+ 1 24.2	1.454	2.404	10.5	21.6
9 8	23 55.20	+ 0 33.3	1.433	2.424	5.6	21.4
9 18	23 45.56	− 0 25.3	1.438	2.443	0.7	21.0
9 28	23 36.12	− 1 24.0	1.470	2.461	4.5	21.4
10 8	23 27.99	− 2 15.3	1.529	2.479	9.1	21.7
10 18	23 22.01	− 2 53.9	1.612	2.497	13.1	22.0
10 28	23 18.66	− 3 16.5	1.716	2.514	16.4	22.3

473329 2015 TG_{69} 9 18.7 275°.55 1°.1/17.5 17

8 19	0 6.10	− 3 57.8	2.384	3.273	9.9	21.6
8 29	0 0.49	− 4 21.9	2.299	3.253	6.9	21.4
9 8	23 53.43	− 4 51.2	2.240	3.233	3.6	21.1
9 18	23 45.48	− 5 22.2	2.209	3.213	1.1	20.9
9 28	23 37.36	− 5 50.6	2.208	3.192	4.0	21.1
10 8	23 29.85	− 6 12.3	2.235	3.172	7.5	21.3
10 18	23 23.63	− 6 24.3	2.288	3.151	10.6	21.5
10 28	23 19.22	− 6 24.5	2.363	3.130	13.3	21.6

13776 1998 UK_{1} 9 18.7 252°.87 0°.1/18.8 18

8 19	0 3.68	+ 1 3.2	2.507	3.385	9.9	19.5
8 29	23 58.71	+ 0 29.0	2.426	3.373	7.0	19.3
9 8	23 52.45	− 0 14.1	2.371	3.361	3.8	19.1
9 18	23 45.42	− 1 2.7	2.344	3.349	0.3	18.8
9 28	23 38.27	− 1 52.4	2.347	3.336	3.2	19.0
10 8	23 31.71	− 2 38.5	2.378	3.323	6.6	19.2
10 18	23 26.34	− 3 16.9	2.436	3.310	9.6	19.4
10 28	23 22.61	− 3 44.6	2.517	3.297	12.3	19.5

282965 2007 RB_{287} 9 18.7 21°.54 3°.8/15.1 18

8 19	23 59.71	− 4 23.5	1.067	1.998	15.7	19.1
8 29	23 56.75	− 6 17.9	1.038	2.012	10.6	18.9
9 8	23 51.62	− 8 21.4	1.030	2.027	5.7	18.7
9 18	23 45.36	−10 20.3	1.045	2.044	4.2	18.6
9 28	23 39.27	−12 0.7	1.084	2.063	8.2	18.9
10 8	23 34.58	−13 13.2	1.145	2.083	12.8	19.2
10 18	23 32.12	−13 54.1	1.226	2.104	16.9	19.6
10 28	23 32.33	−14 4.0	1.325	2.126	20.2	19.9

42519 1994 AU_{6} 9 18.7 18°.58 1°.2/17.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 3.19	− 2 30.6	1.745	2.648	12.2	18.0
8 29	23 58.63	− 3 13.5	1.693	2.654	8.5	17.7
9 8	23 52.47	− 4 4.6	1.666	2.660	4.3	17.5
9 18	23 45.42	− 4 58.0	1.664	2.668	1.2	17.3
9 28	23 38.40	− 5 47.4	1.689	2.676	4.7	17.6
10 8	23 32.34	− 6 26.9	1.741	2.685	8.7	17.8
10 18	23 27.92	− 6 52.6	1.817	2.694	12.2	18.1
10 28	23 25.63	− 7 2.3	1.913	2.704	15.2	18.3

143815 2003 WR_{136} 9 18.7 261°.08 7°.0/12.7 18

8 19	0 10.28	−16 19.6	1.519	2.430	13.2	19.9
8 29	0 4.04	−17 36.2	1.460	2.417	9.8	19.7
9 8	23 55.52	−18 49.0	1.425	2.404	7.3	19.5
9 18	23 45.61	−19 48.2	1.414	2.390	7.4	19.5
9 28	23 35.59	−20 25.0	1.429	2.376	10.2	19.6
10 8	23 26.73	−20 34.7	1.468	2.362	13.7	19.8
10 18	23 20.07	−20 16.7	1.527	2.348	17.2	20.0
10 28	23 16.27	−19 33.5	1.604	2.333	20.1	20.2

221411 2005 YB_{124} 9 18.7 247°.54 0°.6/19.4 18

8 19	0 4.91	+ 2 14.9	2.485	3.358	10.2	20.9
8 29	23 59.58	+ 1 52.7	2.403	3.346	7.3	20.7
9 8	23 52.92	+ 1 21.3	2.346	3.334	4.1	20.4
9 18	23 45.46	+ 0 43.4	2.318	3.322	0.8	20.2
9 28	23 37.87	+ 0 3.1	2.319	3.309	3.1	20.3
10 8	23 30.88	− 0 35.1	2.348	3.296	6.5	20.5
10 18	23 25.12	− 1 7.5	2.405	3.283	9.6	20.7
10 28	23 21.05	− 1 30.6	2.485	3.270	12.3	20.9

79839 1998 WX_{32} 9 18.7 353°.79 2°.6/16.9 18

8 19	0 7.31	− 5 55.1	1.103	2.025	16.1	18.4
8 29	0 2.32	− 6 17.1	1.051	2.019	11.2	18.1
9 8	23 54.72	− 6 45.9	1.019	2.015	6.0	17.8
9 18	23 45.58	− 7 14.0	1.009	2.012	2.7	17.6
9 28	23 36.38	− 7 33.2	1.023	2.009	7.0	17.9
10 8	23 28.65	− 7 37.2	1.059	2.008	12.3	18.2
10 18	23 23.52	− 7 22.7	1.116	2.008	17.0	18.5
10 28	23 21.62	− 6 49.1	1.191	2.010	20.9	18.7

190309 1997 SX_{13} 9 18.7 339°.95 1°.2/20.9 16

8 19	23 58.60	+ 5 46.6	3.931	4.786	7.2	19.5
8 29	23 54.80	+ 5 30.5	3.853	4.783	5.3	19.4
9 8	23 50.26	+ 5 7.3	3.801	4.780	3.2	19.2
9 18	23 45.30	+ 4 38.7	3.778	4.778	1.4	19.1
9 28	23 40.31	+ 4 6.7	3.785	4.775	2.0	19.1
10 8	23 35.67	+ 3 34.2	3.821	4.773	4.1	19.3
10 18	23 31.74	+ 3 3.5	3.885	4.771	6.1	19.4
10 28	23 28.80	+ 2 37.0	3.975	4.768	7.9	19.5

472601 2015 DG_{145} 9 18.7 145°.67 2°.9/21.4 17

8 19	0 8.60	+ 8 58.9	1.728	2.587	14.5	21.4
8 29	0 2.50	+ 8 31.7	1.665	2.595	10.9	21.2
9 8	23 54.56	+ 7 45.3	1.626	2.603	6.9	20.9
9 18	23 45.57	+ 6 43.3	1.612	2.610	3.3	20.7
9 28	23 36.57	+ 5 31.9	1.626	2.616	4.2	20.8
10 8	23 28.62	+ 4 19.1	1.667	2.623	8.0	21.1
10 18	23 22.52	+ 3 12.3	1.734	2.628	11.8	21.3
10 28	23 18.83	+ 2 17.6	1.823	2.633	15.1	21.5

477489 2010 CU_{11} 9 18.7 213°.85 11°.7/ 4.7 18

8 19	0 16.89	−40 4.4	2.240	3.072	12.6	21.5
8 29	0 8.18	−41 12.6	2.209	3.065	11.8	21.5
9 8	23 57.47	−41 58.4	2.201	3.058	11.7	21.5
9 18	23 45.75	−42 14.9	2.215	3.051	12.3	21.5
9 28	23 34.24	−41 58.8	2.252	3.043	13.5	21.6
10 8	23 24.10	−41 10.9	2.309	3.034	14.9	21.7
10 18	23 16.19	−39 55.0	2.385	3.025	16.3	21.8
10 28	23 10.99	−38 16.8	2.475	3.016	17.6	21.9

367604 2009 SC_{364} 9 18.7 78°.82 3°.5/14.5 18

8 19	0 4.48	−11 12.6	2.259	3.163	9.8	20.8
8 29	23 59.27	−12 6.3	2.208	3.167	6.8	20.6
9 8	23 52.73	−12 59.9	2.183	3.171	4.2	20.5
9 18	23 45.45	−13 48.0	2.185	3.175	3.8	20.5
9 28	23 38.21	−14 25.5	2.216	3.179	6.0	20.6
10 8	23 31.75	−14 48.8	2.273	3.183	8.8	20.8
10 18	23 26.66	−14 56.2	2.354	3.187	11.5	21.0
10 28	23 23.38	−14 47.4	2.457	3.190	13.8	21.2

285483 2000 BW_{50} 9 18.7 316°.56 2°.8/21.1 18

8 19	0 6.47	+ 7 9.0	1.714	2.584	14.1	20.5
8 29	0 1.13	+ 7 3.5	1.642	2.578	10.6	20.3
9 8	23 53.91	+ 6 41.3	1.593	2.573	6.6	20.1
9 18	23 45.54	+ 6 4.9	1.569	2.568	3.1	19.8
9 28	23 37.03	+ 5 19.2	1.572	2.563	4.2	19.9
10 8	23 29.43	+ 4 30.7	1.602	2.559	8.2	20.1
10 18	23 23.63	+ 3 46.1	1.656	2.554	12.0	20.4
10 28	23 20.21	+ 3 11.0	1.733	2.550	15.4	20.6

475352 2006 BF_{193} 9 18.7 100°.12 0°.6/18.0 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 6.12	− 0 13.1	1.693	2.587	13.0	21.9
8 29	0 0.75	− 1 6.8	1.638	2.594	9.1	21.7
9 8	23 53.62	− 2 11.6	1.607	2.600	4.7	21.4
9 18	23 45.51	− 3 21.5	1.602	2.607	0.6	21.1
9 28	23 37.44	− 4 28.8	1.625	2.613	4.6	21.4
10 8	23 30.37	− 5 26.6	1.674	2.619	8.9	21.7
10 18	23 25.10	− 6 9.7	1.748	2.625	12.7	22.0
10 28	23 22.13	− 6 35.2	1.843	2.631	15.8	22.2

282766 2006 HV_{79} 9 18.7 71°.52 2°.0/20.7 18

8 19	0 5.49	+ 6 42.8	1.707	2.580	14.0	20.6
8 29	0 0.32	+ 6 8.7	1.649	2.589	10.3	20.4
9 8	23 53.41	+ 5 17.5	1.614	2.597	6.2	20.2
9 18	23 45.52	+ 4 13.3	1.604	2.605	2.4	20.0
9 28	23 37.65	+ 3 3.0	1.622	2.614	3.9	20.1
10 8	23 30.78	+ 1 54.2	1.666	2.623	8.0	20.4
10 18	23 25.67	+ 0 53.7	1.736	2.631	11.8	20.6
10 28	23 22.85	+ 0 6.6	1.828	2.640	15.0	20.9

309601 2008 BN_{24} 9 18.7 204°.78 3°.8/15.3 18

8 19	0 11.70	−10 19.3	1.845	2.744	11.9	21.2
8 29	0 4.66	−11 9.6	1.782	2.739	8.4	21.0
9 8	23 55.72	−12 1.0	1.744	2.733	5.0	20.8
9 18	23 45.67	−12 47.0	1.734	2.727	4.0	20.7
9 28	23 35.58	−13 21.0	1.752	2.720	6.8	20.9
10 8	23 26.49	−13 38.5	1.797	2.712	10.4	21.1
10 18	23 19.26	−13 37.7	1.865	2.703	13.8	21.3
10 28	23 14.47	−13 18.6	1.954	2.694	16.6	21.5

114674 2003 FU_{49} 9 18.7 56°.14 0°.1/18.8 18

8 19	0 2.87	+ 2 33.5	1.937	2.823	12.0	19.5
8 29	23 58.31	+ 1 31.4	1.881	2.831	8.5	19.3
9 8	23 52.29	+ 0 16.9	1.849	2.840	4.5	19.1
9 18	23 45.46	− 1 4.6	1.844	2.849	0.4	18.8
9 28	23 38.65	− 2 26.0	1.868	2.858	3.8	19.1
10 8	23 32.69	− 3 40.1	1.919	2.868	7.7	19.4
10 18	23 28.23	− 4 41.6	1.996	2.877	11.2	19.6
10 28	23 25.72	− 5 26.8	2.095	2.886	14.0	19.8

295590 2008 SR_{134} 9 18.7 302°.28 2°.4/20.6 18

8 19	0 6.55	+ 5 52.5	1.537	2.417	14.9	20.3
8 29	0 1.48	+ 5 43.4	1.457	2.400	11.1	20.0
9 8	23 54.25	+ 5 16.6	1.398	2.382	6.8	19.7
9 18	23 45.60	+ 4 34.7	1.364	2.365	2.8	19.4
9 28	23 36.64	+ 3 43.4	1.356	2.348	4.5	19.5
10 8	23 28.60	+ 2 50.3	1.374	2.332	9.1	19.7
10 18	23 22.51	+ 2 2.9	1.416	2.316	13.6	20.0
10 28	23 19.10	+ 1 27.6	1.478	2.300	17.4	20.2

18470 1995 UX_{44} 9 18.7 293°.11 0°.5/18.2 18

8 19	0 5.15	− 1 4.9	2.010	2.901	11.4	18.5
8 29	23 59.97	− 1 36.4	1.939	2.893	8.0	18.3
9 8	23 53.22	− 2 16.6	1.892	2.885	4.2	18.1
9 18	23 45.53	− 3 1.2	1.872	2.877	0.5	17.8
9 28	23 37.74	− 3 44.9	1.881	2.869	4.1	18.0
10 8	23 30.72	− 4 22.3	1.917	2.862	8.0	18.3
10 18	23 25.21	− 4 49.2	1.978	2.854	11.5	18.5
10 28	23 21.72	− 5 2.8	2.061	2.847	14.4	18.7

394923 2008 WY_{67} 9 18.7 228°.24 5°.2/24.7 18

8 19	0 6.20	+17 13.1	2.214	3.021	13.6	21.7
8 29	0 0.73	+17 4.9	2.124	3.011	11.0	21.5
9 8	23 53.65	+16 35.6	2.057	3.000	8.2	21.3
9 18	23 45.57	+15 45.9	2.016	2.989	5.9	21.2
9 28	23 37.29	+14 38.9	2.002	2.977	5.4	21.1
10 8	23 29.71	+13 20.6	2.016	2.965	7.3	21.2
10 18	23 23.56	+11 58.3	2.057	2.952	10.2	21.4
10 28	23 19.44	+10 39.2	2.122	2.939	13.0	21.5

195035 2002 CL_{53} 9 18.7 155°.32 1°.3/17.3 18

8 19	0 5.14	− 1 3.2	1.838	2.732	12.1	19.9
8 29	0 0.00	− 2 22.1	1.779	2.736	8.4	19.7
9 8	23 53.23	− 3 51.7	1.746	2.740	4.3	19.5
9 18	23 45.54	− 5 25.0	1.739	2.743	1.3	19.3
9 28	23 37.83	− 6 53.8	1.761	2.746	4.9	19.5
10 8	23 31.02	− 8 10.5	1.811	2.748	8.9	19.8
10 18	23 25.85	− 9 9.9	1.885	2.751	12.5	20.0
10 28	23 22.82	− 9 49.3	1.981	2.753	15.4	20.2

441768 2009 CX_{64} 9 18.7 272°.18 1°.5/17.1 18

8 19	0 5.45	− 3 8.7	1.863	2.761	11.8	21.6
8 29	0 0.33	− 4 1.6	1.790	2.748	8.2	21.3
9 8	23 53.48	− 5 3.2	1.741	2.735	4.3	21.1
9 18	23 45.56	− 6 7.8	1.719	2.722	1.6	20.9
9 28	23 37.50	− 7 8.5	1.726	2.709	5.0	21.1
10 8	23 30.25	− 7 58.7	1.759	2.696	9.1	21.3
10 18	23 24.61	− 8 33.9	1.816	2.683	12.8	21.5
10 28	23 21.17	− 8 51.4	1.894	2.670	15.9	21.7

255267 2005 VE_{48} 9 18.7 345°.67 6°.0/13.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 7.05	−16 53.0	1.773	2.683	11.7	20.3
8 29	0 1.42	−17 44.4	1.723	2.679	8.7	20.1
9 8	23 54.00	−18 30.6	1.696	2.675	6.4	20.0
9 18	23 45.59	−19 4.3	1.694	2.671	6.4	20.0
9 28	23 37.21	−19 19.7	1.719	2.668	8.7	20.1
10 8	23 29.86	−19 13.8	1.769	2.665	11.7	20.3
10 18	23 24.34	−18 46.6	1.840	2.663	14.6	20.5
10 28	23 21.15	−17 59.7	1.931	2.661	17.1	20.7

189723 2001 UB_{178} 9 18.7 50°.91 4°.1/22.5 17

8 19	0 5.71	+11 23.1	1.422	2.286	16.8	19.5
8 29	0 0.74	+10 58.9	1.367	2.296	12.8	19.2
9 8	23 53.74	+10 9.9	1.333	2.307	8.5	19.0
9 18	23 45.58	+ 8 59.9	1.323	2.318	4.7	18.8
9 28	23 37.45	+ 7 36.5	1.339	2.329	5.0	18.9
10 8	23 30.53	+ 6 9.7	1.380	2.340	8.8	19.1
10 18	23 25.68	+ 4 49.0	1.445	2.352	12.8	19.4
10 28	23 23.47	+ 3 42.2	1.531	2.364	16.4	19.7

233618 2007 TQ_{204} 9 18.7 276°.67 1°.3/17.4 18

8 19	0 5.28	− 2 27.5	1.834	2.732	12.0	20.9
8 29	0 0.19	− 3 17.9	1.766	2.724	8.4	20.7
9 8	23 53.39	− 4 17.3	1.723	2.717	4.3	20.4
9 18	23 45.57	− 5 20.1	1.706	2.710	1.3	20.2
9 28	23 37.66	− 6 19.4	1.718	2.703	4.8	20.4
10 8	23 30.60	− 7 8.7	1.755	2.696	8.9	20.7
10 18	23 25.17	− 7 43.6	1.818	2.689	12.6	20.9
10 28	23 21.94	− 8 1.4	1.901	2.681	15.7	21.1

265979 2006 DM_{31} 9 18.7 323°.28 0°.9/19.6 18

8 19	0 5.88	+ 2 11.4	2.139	3.016	11.4	20.6
8 29	0 0.41	+ 2 5.3	2.066	3.011	8.2	20.4
9 8	23 53.44	+ 1 49.5	2.018	3.006	4.6	20.2
9 18	23 45.58	+ 1 26.7	1.997	3.001	1.1	20.0
9 28	23 37.62	+ 1 0.9	2.005	2.996	3.4	20.1
10 8	23 30.41	+ 0 36.4	2.041	2.992	7.1	20.4
10 18	23 24.63	+ 0 17.3	2.102	2.987	10.5	20.6
10 28	23 20.81	+ 0 6.8	2.186	2.983	13.3	20.7

325578 2009 SV_{136} 9 18.7 311°.81 0°.8/19.6 18

8 19	0 3.63	+ 2 58.2	2.171	3.050	11.2	20.9
8 29	23 58.83	+ 2 31.2	2.098	3.043	8.1	20.7
9 8	23 52.60	+ 1 53.1	2.049	3.037	4.5	20.5
9 18	23 45.52	+ 1 7.2	2.027	3.031	1.0	20.2
9 28	23 38.36	+ 0 18.5	2.033	3.024	3.4	20.4
10 8	23 31.88	− 0 27.9	2.067	3.018	7.0	20.6
10 18	23 26.77	− 1 7.2	2.127	3.013	10.4	20.8
10 28	23 23.52	− 1 35.8	2.210	3.007	13.2	21.0

361476 2007 DR_{52} 9 18.7 206°.69 0°.3/19.1 18

8 19	0 2.82	+ 2 45.7	2.334	3.211	10.6	21.0
8 29	23 58.16	+ 1 51.5	2.263	3.209	7.5	20.8
9 8	23 52.20	+ 0 46.2	2.218	3.207	4.1	20.6
9 18	23 45.50	− 0 26.0	2.200	3.205	0.5	20.3
9 28	23 38.74	− 1 39.5	2.213	3.203	3.3	20.6
10 8	23 32.64	− 2 48.4	2.253	3.200	6.8	20.8
10 18	23 27.80	− 3 47.8	2.321	3.198	9.9	21.0
10 28	23 24.67	− 4 34.0	2.411	3.195	12.6	21.2

339341 2004 YL_{32} 9 18.7 244°.76 5°.5/12.8 18

8 19	0 9.46	−16 47.3	2.157	3.056	10.4	21.2
8 29	0 3.00	−17 47.1	2.088	3.039	7.8	21.0
9 8	23 54.85	−18 43.3	2.046	3.022	5.8	20.8
9 18	23 45.68	−19 29.4	2.031	3.004	5.8	20.8
9 28	23 36.38	−19 59.3	2.044	2.985	7.9	20.9
10 8	23 27.89	−20 9.7	2.083	2.966	10.8	21.0
10 18	23 20.98	−19 59.5	2.145	2.947	13.5	21.2
10 28	23 16.22	−19 29.7	2.227	2.926	15.9	21.3

316003 2009 ED_{16} 9 18.7 188°.14 1°.1/17.8 17

8 19	0 9.89	− 1 39.2	1.408	2.308	14.7	21.6
8 29	0 3.77	− 2 23.1	1.350	2.308	10.3	21.3
9 8	23 55.41	− 3 18.5	1.314	2.308	5.4	21.0
9 18	23 45.72	− 4 18.7	1.303	2.307	1.1	20.8
9 28	23 36.00	− 5 15.3	1.319	2.307	5.5	21.1
10 8	23 27.50	− 6 0.4	1.360	2.305	10.5	21.3
10 18	23 21.23	− 6 28.9	1.424	2.304	14.8	21.6
10 28	23 17.81	− 6 38.2	1.508	2.302	18.4	21.9

40660 1999 RH_{194} 9 18.7 25°.50 2°.7/20.9 18

8 19	0 6.55	+ 6 27.6	1.439	2.320	15.6	18.1
8 29	0 1.35	+ 6 20.0	1.382	2.325	11.6	17.8
9 8	23 54.09	+ 5 53.9	1.348	2.331	7.1	17.6
9 18	23 45.64	+ 5 12.7	1.337	2.337	3.1	17.4
9 28	23 37.18	+ 4 22.8	1.352	2.344	4.5	17.5
10 8	23 29.89	+ 3 32.0	1.393	2.352	8.9	17.8
10 18	23 24.67	+ 2 47.5	1.457	2.360	13.0	18.0
10 28	23 22.10	+ 2 15.0	1.541	2.368	16.6	18.3

325423 2009 OC_2 9 18.7 50°.88 3°.2/21.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 8.68	+ 7 53.2	1.167	2.053	18.2	19.9
8 29	0 2.94	+ 7 36.4	1.130	2.074	13.5	19.7
9 8	23 54.90	+ 6 56.1	1.113	2.096	8.3	19.5
9 18	23 45.69	+ 5 57.7	1.119	2.119	3.7	19.3
9 28	23 36.73	+ 4 49.8	1.149	2.142	5.0	19.5
10 8	23 29.36	+ 3 42.8	1.204	2.165	9.7	19.8
10 18	23 24.48	+ 2 45.5	1.281	2.188	14.1	20.1
10 28	23 22.56	+ 2 4.0	1.378	2.212	17.8	20.4

261568 2005 WT_{177} 9 18.7 220°.33 7°.0/ 8.6 18

8 19	0 5.88	−25 43.5	2.599	3.487	9.3	20.7
8 29	0 0.27	−26 59.9	2.554	3.481	7.7	20.6
9 8	23 53.31	−28 6.8	2.534	3.474	7.0	20.5
9 18	23 45.60	−28 58.4	2.541	3.466	7.6	20.6
9 28	23 37.86	−29 30.2	2.575	3.459	9.1	20.7
10 8	23 30.86	−29 40.0	2.633	3.451	10.9	20.8
10 18	23 25.20	−29 28.3	2.712	3.443	12.7	20.9
10 28	23 21.34	−28 56.7	2.809	3.434	14.3	21.0

476607 2008 SL_{124} 9 18.7 333°.60 5°.2/24.1 16

8 19	0 1.82	+15 43.1	1.466	2.314	17.2	21.2
8 29	23 58.17	+14 59.9	1.391	2.306	13.7	20.9
9 8	23 52.49	+13 45.4	1.335	2.299	9.7	20.7
9 18	23 45.55	+12 2.1	1.303	2.292	6.1	20.5
9 28	23 38.45	+ 9 57.9	1.297	2.285	5.6	20.4
10 8	23 32.34	+ 7 45.1	1.316	2.279	8.9	20.6
10 18	23 28.16	+ 5 36.4	1.360	2.274	13.0	20.8
10 28	23 26.57	+ 3 43.1	1.426	2.269	16.8	21.0

402385 2005 YX_{69} 9 18.7 179°.00 1°.8/20.9 18

8 19	0 4.79	+ 6 31.7	2.585	3.440	10.4	21.4
8 29	23 59.45	+ 6 16.6	2.511	3.441	7.7	21.2
9 8	23 52.87	+ 5 50.2	2.463	3.442	4.7	21.0
9 18	23 45.58	+ 5 14.8	2.443	3.442	2.1	20.9
9 28	23 38.24	+ 4 33.9	2.452	3.442	3.0	20.9
10 8	23 31.52	+ 3 51.9	2.490	3.442	5.9	21.1
10 18	23 25.99	+ 3 12.9	2.555	3.441	8.8	21.3
10 28	23 22.10	+ 2 40.7	2.644	3.440	11.3	21.5

342039 2008 RP_{116} 9 18.7 7°.83 4°.0/16.5 16

8 19	0 3.83	− 8 43.6	0.871	1.810	17.3	19.1
8 29	0 0.11	− 8 56.0	0.836	1.812	12.1	18.8
9 8	23 53.62	− 9 10.7	0.819	1.817	6.7	18.6
9 18	23 45.63	− 9 19.5	0.823	1.824	4.1	18.5
9 28	23 37.81	− 9 14.5	0.847	1.833	8.2	18.7
10 8	23 31.77	− 8 51.1	0.892	1.845	13.4	19.1
10 18	23 28.52	− 8 8.4	0.956	1.860	18.1	19.4
10 28	23 28.60	− 7 7.7	1.036	1.876	21.9	19.7

156699 2002 LY_{34} 9 18.7 35°.52 0°.2/18.9 18

8 19	0 2.08	+ 2 32.3	2.082	2.966	11.4	19.4
8 29	23 57.74	+ 1 31.4	2.020	2.970	8.0	19.2
9 8	23 52.03	+ 0 18.5	1.983	2.974	4.3	18.9
9 18	23 45.54	− 1 1.2	1.974	2.978	0.4	18.6
9 28	23 39.03	− 2 21.3	1.993	2.983	3.6	18.9
10 8	23 33.28	− 3 35.0	2.040	2.988	7.3	19.2
10 18	23 28.90	− 4 37.1	2.113	2.993	10.7	19.4
10 28	23 26.37	− 5 23.9	2.209	2.998	13.5	19.6

77055 2001 DD_{11} 9 18.7 63°.47 0°.7/19.2 17

8 19	0 11.47	+ 1 4.3	1.296	2.192	16.1	19.1
8 29	0 4.84	+ 0 56.1	1.251	2.205	11.4	18.9
9 8	23 55.93	+ 0 34.5	1.227	2.218	6.2	18.7
9 18	23 45.79	+ 0 4.4	1.228	2.232	1.0	18.3
9 28	23 35.81	− 0 27.7	1.254	2.246	4.9	18.7
10 8	23 27.30	− 0 54.6	1.306	2.260	9.9	19.0
10 18	23 21.22	− 1 11.3	1.380	2.274	14.3	19.3
10 28	23 18.10	− 1 14.3	1.474	2.288	17.9	19.6

44762 1999 TZ_{115} 9 18.7 210°.99 0°.4/19.0 18

8 19	0 11.16	+ 0 36.7	1.530	2.419	14.5	18.4
8 29	0 4.59	+ 0 24.5	1.465	2.417	10.3	18.1
9 8	23 55.85	+ 0 0.4	1.423	2.414	5.6	17.8
9 18	23 45.80	− 0 31.2	1.407	2.412	0.7	17.5
9 28	23 35.65	− 1 4.5	1.418	2.409	4.6	17.8
10 8	23 26.65	− 1 33.1	1.456	2.406	9.4	18.0
10 18	23 19.77	− 1 51.8	1.517	2.403	13.7	18.3
10 28	23 15.64	− 1 57.3	1.599	2.400	17.3	18.5

221785 2007 VJ_6 9 18.7 317°.12 0°.6/19.8 16

8 19	23 57.83	+ 3 8.3	4.037	4.903	6.7	20.8
8 29	23 54.29	+ 2 38.7	3.958	4.897	4.8	20.6
9 8	23 50.06	+ 2 2.9	3.906	4.892	2.7	20.5
9 18	23 45.42	+ 1 23.0	3.882	4.886	0.7	20.3
9 28	23 40.75	+ 0 41.4	3.889	4.880	1.9	20.4
10 8	23 36.41	+ 0 0.8	3.926	4.875	4.1	20.6
10 18	23 32.74	− 0 36.1	3.991	4.870	6.1	20.7
10 28	23 30.02	− 1 7.3	4.082	4.864	7.9	20.8

33186 1998 FR_{34} 9 18.7 134°.75 1°.3/19.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 12.32	+ 2 27.4	1.905	2.776	12.9	18.9
8 29	0 5.00	+ 2 34.1	1.843	2.784	9.3	18.7
9 8	23 55.91	+ 2 30.4	1.806	2.792	5.3	18.4
9 18	23 45.82	+ 2 18.7	1.797	2.800	1.5	18.2
9 28	23 35.75	+ 2 3.0	1.817	2.808	3.8	18.4
10 8	23 26.70	+ 1 47.7	1.865	2.815	7.8	18.7
10 18	23 19.46	+ 1 36.9	1.939	2.821	11.3	18.9
10 28	23 14.55	+ 1 33.7	2.035	2.827	14.4	19.1

263821 2008 SX_{41} 9 18.7 272°.48 0°.2/18.4 18

8 19	23 58.31	− 1 13.9	4.427	5.305	6.0	21.1
8 29	23 54.58	− 1 37.1	4.350	5.298	4.1	21.0
9 8	23 50.20	− 2 4.1	4.300	5.291	2.2	20.8
9 18	23 45.46	− 2 33.0	4.280	5.284	0.2	20.6
9 28	23 40.68	− 3 1.6	4.290	5.278	2.0	20.8
10 8	23 36.22	− 3 27.7	4.330	5.271	4.0	21.0
10 18	23 32.36	− 3 49.6	4.398	5.264	5.9	21.1
10 28	23 29.39	− 4 5.5	4.491	5.257	7.5	21.2

495310 2014 EH 9 18.7 46°.41 11°.9/ 6.1 17

8 19	0 3.32	−15 27.5	0.866	1.808	17.0	20.0
8 29	23 59.98	−20 9.4	0.844	1.813	13.2	19.8
9 8	23 53.70	−24 41.7	0.845	1.819	12.0	19.8
9 18	23 45.69	−28 34.4	0.870	1.824	14.3	19.9
9 28	23 37.74	−31 26.1	0.916	1.831	18.2	20.2
10 8	23 31.57	−33 10.3	0.981	1.837	22.1	20.4
10 18	23 28.35	−33 52.0	1.059	1.844	25.4	20.7
10 28	23 28.64	−33 41.6	1.148	1.851	27.9	21.0

319429 2006 HM_{120} 9 18.7 175°.85 2°.6/16.2 18

8 19	0 7.98	− 7 3.7	1.938	2.837	11.4	21.7
8 29	0 1.96	− 7 50.0	1.880	2.839	7.9	21.5
9 8	23 54.31	− 8 40.0	1.847	2.840	4.3	21.3
9 18	23 45.74	− 9 27.9	1.841	2.840	2.7	21.2
9 28	23 37.16	−10 7.9	1.864	2.841	5.6	21.4
10 8	23 29.50	−10 35.1	1.913	2.841	9.1	21.6
10 18	23 23.49	−10 46.8	1.987	2.840	12.4	21.8
10 28	23 19.64	−10 42.3	2.082	2.840	15.2	22.0

187691 2008 DT_{47} 9 18.7 100°.60 0°.9/17.7 18

8 19	0 5.98	− 2 25.8	2.333	3.220	10.2	21.1
8 29	0 0.25	− 3 6.5	2.286	3.239	7.0	21.0
9 8	23 53.28	− 3 52.9	2.265	3.258	3.6	20.8
9 18	23 45.67	− 4 40.8	2.273	3.277	0.9	20.6
9 28	23 38.16	− 5 25.5	2.310	3.295	3.8	20.9
10 8	23 31.45	− 6 2.6	2.376	3.313	7.0	21.1
10 18	23 26.09	− 6 29.1	2.467	3.331	9.9	21.3
10 28	23 22.50	− 6 43.3	2.582	3.348	12.3	21.5

237179 2008 UB_{180} 9 18.7 16°.79 1°.9/20.1 18

8 19	0 5.20	+ 3 52.8	1.147	2.050	17.1	19.1
8 29	0 0.71	+ 3 45.3	1.100	2.056	12.4	18.8
9 8	23 53.87	+ 3 19.1	1.074	2.064	7.2	18.6
9 18	23 45.71	+ 2 39.1	1.070	2.073	2.2	18.3
9 28	23 37.62	+ 1 52.9	1.090	2.084	4.9	18.5
10 8	23 30.93	+ 1 9.6	1.133	2.095	10.0	18.8
10 18	23 26.63	+ 0 36.3	1.198	2.108	14.7	19.1
10 28	23 25.28	+ 0 18.2	1.283	2.122	18.5	19.4

218417 2004 RR_{106} 9 18.7 19°.79 1°.0/19.5 18

8 19	0 7.10	+ 1 24.2	1.684	2.573	13.4	19.0
8 29	0 1.50	+ 1 26.6	1.629	2.579	9.6	18.7
9 8	23 54.12	+ 1 18.4	1.597	2.586	5.3	18.5
9 18	23 45.73	+ 1 2.5	1.590	2.594	1.2	18.2
9 28	23 37.38	+ 0 43.8	1.611	2.603	4.0	18.5
10 8	23 30.05	+ 0 27.1	1.658	2.612	8.2	18.8
10 18	23 24.55	+ 0 16.7	1.729	2.622	11.9	19.0
10 28	23 21.40	+ 0 16.0	1.822	2.632	15.1	19.2

393205 2013 CW_{206} 9 18.7 269°.81 0°.1/18.9 15

8 19	23 57.75	+ 0 41.7	4.466	5.339	6.0	21.9
8 29	23 54.20	+ 0 12.9	4.385	5.330	4.2	21.7
9 8	23 50.02	− 0 20.5	4.331	5.321	2.3	21.6
9 18	23 45.46	− 0 56.8	4.306	5.311	0.2	21.4
9 28	23 40.87	− 1 33.5	4.312	5.302	1.9	21.5
10 8	23 36.57	− 2 8.4	4.348	5.292	3.9	21.7
10 18	23 32.87	− 2 39.4	4.412	5.283	5.7	21.8
10 28	23 30.04	− 3 4.6	4.502	5.273	7.4	21.9

59368 1999 EP_4 9 18.7 47°.99 0°.7/19.4 18

8 19	0 3.01	+ 6 45.8	1.313	2.203	16.3	17.7
8 29	23 58.85	+ 4 55.3	1.272	2.223	11.6	17.5
9 8	23 52.74	+ 2 42.2	1.254	2.244	6.3	17.2
9 18	23 45.64	+ 0 17.2	1.261	2.265	1.0	16.9
9 28	23 38.71	− 2 5.9	1.295	2.287	4.7	17.3
10 8	23 33.04	− 4 14.0	1.355	2.309	9.6	17.6
10 18	23 29.41	− 5 58.1	1.439	2.331	13.9	17.9
10 28	23 28.28	− 7 13.9	1.544	2.354	17.4	18.2

395561 2011 UC_{211} 9 18.7 355°.15 0°.6/19.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 7.03	+ 1 11.6	1.724	2.612	13.1	20.7
8 29	0 1.50	+ 0 57.4	1.660	2.611	9.4	20.5
9 8	23 54.15	+ 0 32.0	1.619	2.610	5.1	20.3
9 18	23 45.74	− 0 0.8	1.605	2.609	0.8	19.9
9 28	23 37.27	− 0 35.5	1.617	2.609	4.1	20.2
10 8	23 29.76	− 1 6.4	1.656	2.608	8.4	20.5
10 18	23 24.03	− 1 28.8	1.720	2.608	12.2	20.7
10 28	23 20.64	− 1 39.2	1.805	2.609	15.5	20.9

358285 2006 UC_{47} 9 18.7 331°.55 0°.2/18.5 18

8 19	0 4.50	+ 0 24.8	1.801	2.693	12.4	21.5
8 29	23 59.69	− 0 15.3	1.735	2.689	8.8	21.2
9 8	23 53.18	− 1 6.8	1.692	2.684	4.7	21.0
9 18	23 45.68	− 2 4.6	1.676	2.680	0.3	20.6
9 28	23 38.10	− 3 2.3	1.687	2.676	4.2	21.0
10 8	23 31.38	− 3 53.3	1.724	2.673	8.4	21.2
10 18	23 26.29	− 4 32.4	1.787	2.670	12.1	21.4
10 28	23 23.38	− 4 56.3	1.871	2.666	15.3	21.6

145691 2319 $T\text{-}_3$ 9 18.7 231°.07 2°.2/16.7 18

8 19	0 9.87	− 7 36.6	2.148	3.041	10.7	20.3
8 29	0 3.22	− 7 54.3	2.080	3.035	7.5	20.1
9 8	23 54.97	− 8 14.1	2.037	3.029	4.0	19.9
9 18	23 45.81	− 8 31.9	2.023	3.023	2.2	19.8
9 28	23 36.59	− 8 43.3	2.038	3.017	4.9	20.0
10 8	23 28.20	− 8 45.0	2.081	3.010	8.4	20.2
10 18	23 21.37	− 8 35.2	2.149	3.003	11.6	20.4
10 28	23 16.61	− 8 12.9	2.239	2.996	14.3	20.5

180293 2003 WS_{119} 9 18.7 304°.18 5°.0/22.4 18

8 19	0 7.42	+10 50.8	1.332	2.201	17.5	19.9
8 29	0 2.43	+11 0.5	1.256	2.186	13.6	19.6
9 8	23 54.96	+10 45.9	1.200	2.172	9.3	19.3
9 18	23 45.82	+10 7.7	1.166	2.159	5.6	19.1
9 28	23 36.33	+ 9 10.8	1.156	2.145	5.9	19.0
10 8	23 27.89	+ 8 4.0	1.171	2.132	10.0	19.2
10 18	23 21.72	+ 6 57.4	1.209	2.119	14.5	19.5
10 28	23 18.63	+ 6 0.3	1.267	2.107	18.7	19.7

358942 2008 JM_6 9 18.7 123°.52 3°.1/14.8 18

8 19	0 3.90	− 8 44.5	2.214	3.117	10.0	20.7
8 29	23 58.96	− 9 57.1	2.162	3.122	6.9	20.6
9 8	23 52.68	−11 12.0	2.136	3.127	4.0	20.4
9 18	23 45.66	−12 23.1	2.139	3.132	3.4	20.4
9 28	23 38.65	−13 24.3	2.169	3.137	5.8	20.5
10 8	23 32.39	−14 10.8	2.227	3.141	8.8	20.7
10 18	23 27.50	−14 40.1	2.310	3.146	11.6	20.9
10 28	23 24.43	−14 51.5	2.413	3.150	13.9	21.1

461215 2015 VB_{133} 9 18.7 359°.80 5°.0/13.9 18

8 19	0 6.92	−14 48.5	1.894	2.802	11.1	20.3
8 29	0 1.26	−15 31.2	1.843	2.801	8.1	20.1
9 8	23 53.96	−16 10.4	1.817	2.800	5.6	20.0
9 18	23 45.75	−16 40.0	1.817	2.800	5.3	20.0
9 28	23 37.58	−16 54.6	1.843	2.800	7.5	20.1
10 8	23 30.38	−16 51.3	1.896	2.801	10.5	20.3
10 18	23 24.88	−16 29.5	1.971	2.802	13.4	20.5
10 28	23 21.56	−15 50.3	2.066	2.803	15.9	20.7

144209 2004 CB_{12} 9 18.7 2°.80 0°.3/18.4 18

8 19	0 3.76	+ 1 0.5	1.712	2.606	12.9	19.6
8 29	23 59.21	+ 0 2.9	1.651	2.606	9.1	19.4
9 8	23 52.94	− 1 7.6	1.613	2.606	4.8	19.1
9 18	23 45.69	− 2 25.0	1.601	2.606	0.4	18.8
9 28	23 38.38	− 3 41.6	1.617	2.607	4.4	19.1
10 8	23 32.00	− 4 49.5	1.659	2.607	8.7	19.4
10 18	23 27.29	− 5 43.1	1.726	2.608	12.5	19.6
10 28	23 24.81	− 6 18.6	1.814	2.610	15.7	19.8

389946 2012 TM_{163} 9 18.7 302°.91 0°.7/19.4 18

8 19	0 3.71	+ 3 59.2	1.561	2.451	14.2	20.8
8 29	23 59.45	+ 3 1.8	1.484	2.435	10.2	20.5
9 8	23 53.22	+ 1 45.5	1.429	2.419	5.7	20.3
9 18	23 45.71	+ 0 15.8	1.400	2.404	1.0	19.9
9 28	23 37.99	− 1 18.4	1.397	2.389	4.4	20.1
10 8	23 31.14	− 2 47.2	1.421	2.374	9.3	20.4
10 18	23 26.13	− 4 2.3	1.468	2.360	13.7	20.6
10 28	23 23.61	− 4 57.8	1.536	2.346	17.4	20.8

307560 2003 EE_{54} 9 18.7 235°.93 3°.2/12.1 18

8 19	23 59.16	−17 51.3	4.329	5.226	5.7	20.5
8 29	23 55.20	−18 31.4	4.276	5.224	4.2	20.4
9 8	23 50.55	−19 8.5	4.251	5.222	3.3	20.4
9 18	23 45.53	−19 40.2	4.254	5.220	3.4	20.4
9 28	23 40.50	−20 3.9	4.286	5.218	4.5	20.4
10 8	23 35.84	−20 18.1	4.346	5.216	5.9	20.5
10 18	23 31.86	−20 21.8	4.431	5.214	7.4	20.7
10 28	23 28.83	−20 15.0	4.538	5.212	8.6	20.8

259435 2003 SQ_{23} 9 18.7 51°.27 0°.4/18.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 11.33	+ 0 25.6	1.146	2.050	17.1	20.5
8 29	0 4.94	+ 0 14.9	1.105	2.063	12.1	20.2
9 8	23 56.08	− 0 9.8	1.084	2.077	6.5	20.0
9 18	23 45.90	− 0 42.8	1.087	2.092	0.7	19.6
9 28	23 35.93	− 1 16.4	1.115	2.107	5.3	20.0
10 8	23 27.60	− 1 43.2	1.167	2.123	10.6	20.3
10 18	23 21.90	− 1 57.7	1.240	2.138	15.2	20.7
10 28	23 19.36	− 1 56.9	1.333	2.154	19.0	21.0

320492 2007 WR_{15} 9 18.7 309°.14 5°.3/14.8 18

8 19	0 7.86	− 9 56.6	1.182	2.104	15.2	20.2
8 29	0 2.87	−11 4.4	1.119	2.087	10.8	19.9
9 8	23 55.22	−12 17.0	1.078	2.071	6.6	19.6
9 18	23 45.86	−13 23.5	1.060	2.055	5.6	19.5
9 28	23 36.24	−14 12.8	1.066	2.039	9.3	19.7
10 8	23 27.92	−14 36.8	1.095	2.024	14.2	19.9
10 18	23 22.10	−14 32.6	1.143	2.009	18.7	20.2
10 28	23 19.56	−14 0.9	1.207	1.995	22.5	20.4

423923 2006 SW_{395} 9 18.7 108°.27 0°.6/18.2 15

8 19	0 10.74	− 0 42.4	1.536	2.429	14.2	22.5
8 29	0 4.11	− 1 20.7	1.489	2.444	9.9	22.2
9 8	23 55.51	− 2 9.7	1.466	2.459	5.2	22.0
9 18	23 45.87	− 3 3.1	1.468	2.473	0.6	21.7
9 28	23 36.37	− 3 53.8	1.498	2.486	4.8	22.1
10 8	23 28.13	− 4 35.2	1.554	2.500	9.4	22.4
10 18	23 21.99	− 5 2.6	1.634	2.513	13.3	22.6
10 28	23 18.45	− 5 13.8	1.735	2.525	16.5	22.9

348267 2004 TN_{307} 9 18.7 301°.60 3°.8/21.7 18

8 19	0 6.85	+ 8 54.2	1.552	2.420	15.4	20.6
8 29	0 1.83	+ 8 57.0	1.466	2.398	11.9	20.3
9 8	23 54.58	+ 8 39.9	1.401	2.377	7.8	20.1
9 18	23 45.83	+ 8 4.2	1.360	2.356	4.2	19.8
9 28	23 36.69	+ 7 14.3	1.344	2.335	5.0	19.8
10 8	23 28.39	+ 6 17.6	1.355	2.314	9.1	20.0
10 18	23 22.03	+ 5 22.3	1.389	2.293	13.5	20.2
10 28	23 18.39	+ 4 36.0	1.444	2.273	17.4	20.4

89580 2001 XC_{128} 9 18.7 57°.80 0°.0/18.7 18

8 19	0 5.07	+ 0 54.8	1.875	2.763	12.2	20.0
8 29	23 59.96	+ 0 15.4	1.819	2.771	8.6	19.8
9 8	23 53.28	− 0 34.7	1.787	2.779	4.6	19.6
9 18	23 45.74	− 1 30.6	1.782	2.787	0.3	19.3
9 28	23 38.21	− 2 26.3	1.805	2.795	3.9	19.6
10 8	23 31.59	− 3 15.5	1.854	2.803	7.9	19.8
10 18	23 26.57	− 3 53.8	1.929	2.811	11.4	20.1
10 28	23 23.62	− 4 17.9	2.026	2.820	14.4	20.3

148245 2000 EG_{70} 9 18.7 202°.28 1°.3/17.5 18

8 19	0 8.57	− 2 27.0	1.793	2.686	12.5	20.8
8 29	0 2.57	− 3 15.4	1.728	2.683	8.7	20.5
9 8	23 54.74	− 4 12.7	1.686	2.680	4.5	20.3
9 18	23 45.85	− 5 13.2	1.672	2.676	1.3	20.0
9 28	23 36.87	− 6 10.0	1.686	2.672	4.9	20.3
10 8	23 28.84	− 6 56.6	1.728	2.667	9.1	20.5
10 18	23 22.57	− 7 28.7	1.793	2.662	12.8	20.8
10 28	23 18.63	− 7 43.8	1.880	2.656	16.0	21.0

301650 2010 EU_{107} 9 18.7 57°.85 3°.7/16.1 18

8 19	0 12.63	−10 58.6	1.626	2.529	12.9	19.9
8 29	0 5.32	−11 14.7	1.582	2.541	9.1	19.7
9 8	23 56.11	−11 29.5	1.563	2.554	5.3	19.5
9 18	23 45.93	−11 37.5	1.570	2.566	3.8	19.5
9 28	23 35.96	−11 34.1	1.605	2.579	6.6	19.7
10 8	23 27.30	−11 16.5	1.665	2.592	10.3	19.9
10 18	23 20.74	−10 44.4	1.749	2.605	13.8	20.2
10 28	23 16.77	− 9 58.6	1.854	2.618	16.6	20.4

207387 2005 TT_{127} 9 18.7 177°.82 0°.1/18.9 17

8 19	0 1.23	+ 0 20.4	3.607	4.480	7.3	21.9
8 29	23 56.73	− 0 5.6	3.536	4.481	5.1	21.7
9 8	23 51.41	− 0 36.9	3.492	4.482	2.7	21.6
9 18	23 45.62	− 1 11.3	3.478	4.482	0.2	21.3
9 28	23 39.81	− 1 46.0	3.493	4.483	2.3	21.5
10 8	23 34.42	− 2 18.1	3.539	4.483	4.7	21.7
10 18	23 29.83	− 2 45.3	3.613	4.483	6.9	21.9
10 28	23 26.37	− 3 5.4	3.711	4.482	8.8	22.0

159239 2005 YP_{32} 9 18.7 65°.74 1°.0/17.8 18

8 19	0 6.98	− 1 14.0	1.520	2.420	13.9	19.7
8 29	0 1.51	− 2 6.2	1.474	2.433	9.6	19.5
9 8	23 54.16	− 3 8.9	1.451	2.445	5.0	19.3
9 18	23 45.80	− 4 15.3	1.454	2.458	1.0	19.0
9 28	23 37.56	− 5 17.2	1.483	2.471	5.1	19.3
10 8	23 30.48	− 6 7.7	1.539	2.484	9.5	19.6
10 18	23 25.37	− 6 42.0	1.617	2.497	13.4	19.9
10 28	23 22.73	− 6 57.8	1.717	2.510	16.6	20.2

487082 2014 OZ_{117} 9 18.7 16°.34 5°.0/13.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 3.51	−13 22.0	1.897	2.810	10.9	20.4
8 29	23 58.89	−14 40.0	1.852	2.812	7.8	20.2
9 8	23 52.72	−15 56.5	1.831	2.816	5.4	20.1
9 18	23 45.71	−17 3.9	1.837	2.819	5.4	20.1
9 28	23 38.72	−17 55.5	1.870	2.823	7.7	20.3
10 8	23 32.62	−18 27.0	1.928	2.827	10.7	20.5
10 18	23 28.10	−18 37.0	2.008	2.832	13.5	20.7
10 28	23 25.63	−18 25.9	2.108	2.837	15.9	20.8

383315 2006 HA_{77} 9 18.7 149°.10 5°.2/12.6 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 7.60	−15 46.9	2.186	3.087	10.2	21.7
8 29	0 1.56	−17 5.7	2.144	3.097	7.5	21.5
9 8	23 54.07	−18 20.6	2.128	3.105	5.5	21.4
9 18	23 45.80	−19 24.9	2.140	3.113	5.6	21.5
9 28	23 37.60	−20 12.8	2.180	3.120	7.6	21.6
10 8	23 30.28	−20 41.0	2.247	3.127	10.2	21.8
10 18	23 24.49	−20 48.7	2.336	3.134	12.7	22.0
10 28	23 20.69	−20 36.8	2.445	3.139	14.7	22.2

518577 2007 KP_{2} 9 18.7 142°.91 5°.9/27.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 8.33	+23 47.6	3.172	3.909	11.3	21.9
8 29	0 1.86	+24 15.2	3.097	3.921	9.6	21.8
9 8	23 54.19	+24 26.0	3.044	3.933	7.9	21.6
9 18	23 45.82	+24 19.3	3.018	3.944	6.5	21.6
9 28	23 37.38	+23 56.4	3.019	3.955	5.9	21.6
10 8	23 29.52	+23 20.2	3.048	3.965	6.6	21.6
10 18	23 22.79	+22 34.9	3.105	3.974	8.0	21.7
10 28	23 17.62	+21 45.5	3.188	3.984	9.6	21.8

80748 2000 CE_{43} 9 18.7 190°.85 0°.5/19.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 6.59	+ 3 24.3	1.621	2.506	14.0	19.7
8 29	0 1.31	+ 2 28.4	1.556	2.506	10.0	19.5
9 8	23 54.13	+ 1 16.3	1.515	2.505	5.5	19.2
9 18	23 45.82	− 0 6.2	1.500	2.504	0.8	18.9
9 28	23 37.44	− 1 30.9	1.512	2.503	4.3	19.2
10 8	23 30.06	− 2 48.8	1.551	2.502	8.9	19.4
10 18	23 24.54	− 3 53.1	1.614	2.500	13.0	19.7
10 28	23 21.46	− 4 39.0	1.699	2.499	16.5	19.9

160534 1996 TA_{58} 9 18.7 15°.68 1°.5/21.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 0.08	+ 6 47.1	3.786	4.635	7.5	19.4
8 29	23 55.92	+ 6 42.2	3.713	4.637	5.6	19.2
9 8	23 50.99	+ 6 29.7	3.665	4.640	3.5	19.1
9 18	23 45.61	+ 6 11.1	3.646	4.643	1.7	19.0
9 28	23 40.21	+ 5 48.4	3.657	4.646	2.2	19.0
10 8	23 35.19	+ 5 24.2	3.697	4.649	4.2	19.2
10 18	23 30.92	+ 5 0.8	3.765	4.652	6.2	19.3
10 28	23 27.72	+ 4 40.8	3.859	4.656	8.0	19.4

30288 2000 HT_{62} 9 18.7 38°.04 1°.8/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 4.87	− 3 26.9	1.755	2.657	12.2	19.0
8 29	23 59.93	− 4 25.3	1.700	2.661	8.4	18.8
9 8	23 53.32	− 5 31.5	1.670	2.664	4.4	18.5
9 18	23 45.77	− 6 39.2	1.666	2.668	1.8	18.4
9 28	23 38.22	− 7 41.0	1.689	2.673	5.2	18.6
10 8	23 31.62	− 8 30.5	1.739	2.677	9.2	18.9
10 18	23 26.70	− 9 3.8	1.813	2.681	12.7	19.1
10 28	23 23.98	− 9 18.8	1.907	2.686	15.7	19.3

20305 Feliciayen 9 18.7 122°.43 4°.1/22.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 9.17	+10 57.6	1.528	2.385	16.2	18.5
8 29	0 3.20	+10 46.4	1.467	2.392	12.4	18.3
9 8	23 55.16	+10 12.7	1.428	2.400	8.2	18.0
9 18	23 45.90	+ 9 19.1	1.413	2.407	4.7	17.9
9 28	23 36.61	+ 8 11.7	1.425	2.413	5.0	17.9
10 8	23 28.49	+ 6 59.2	1.462	2.420	8.7	18.1
10 18	23 22.44	+ 5 50.4	1.525	2.426	12.7	18.4
10 28	23 19.06	+ 4 52.4	1.608	2.432	16.2	18.6

252892 2002 JB_{87} 9 18.7 217°.90 3°.5/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 4.08	+13 39.0	2.689	3.510	11.1	20.9
8 29	23 59.04	+13 22.1	2.602	3.503	8.7	20.7
9 8	23 52.76	+12 49.5	2.540	3.495	6.1	20.5
9 18	23 45.74	+12 2.9	2.504	3.487	4.0	20.4
9 28	23 38.60	+11 5.2	2.497	3.479	3.8	20.4
10 8	23 32.02	+10 1.3	2.519	3.471	5.9	20.5
10 18	23 26.58	+ 8 56.4	2.569	3.462	8.5	20.6
10 28	23 22.73	+ 7 55.6	2.644	3.452	11.0	20.8

295287 2008 GC_{100} 9 18.7 62°.06 1°.9/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 3.40	+ 7 34.1	2.007	2.873	12.6	20.7
8 29	23 58.72	+ 6 49.4	1.950	2.885	9.2	20.5
9 8	23 52.61	+ 5 48.9	1.917	2.898	5.6	20.3
9 18	23 45.73	+ 4 37.0	1.910	2.911	2.3	20.1
9 28	23 38.88	+ 3 19.7	1.932	2.924	3.4	20.2
10 8	23 32.86	+ 2 4.0	1.981	2.937	6.9	20.4
10 18	23 28.30	+ 0 56.0	2.057	2.950	10.3	20.7
10 28	23 25.67	+ 0 0.5	2.155	2.963	13.2	20.9

92338 2000 GH_{96} 9 18.7 104°.07 1°.0/18.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 13.05	− 1 57.7	1.347	2.245	15.4	19.3
8 29	0 5.93	− 2 29.3	1.302	2.259	10.8	19.0
9 8	23 56.57	− 3 10.9	1.280	2.274	5.6	18.8
9 18	23 46.01	− 3 56.0	1.283	2.288	1.0	18.5
9 28	23 35.64	− 4 37.1	1.313	2.301	5.4	18.8
10 8	23 26.76	− 5 7.3	1.368	2.315	10.3	19.2
10 18	23 20.28	− 5 22.6	1.447	2.327	14.6	19.5
10 28	23 16.74	− 5 21.0	1.545	2.340	18.0	19.7

289569 2005 EY_{290} 9 18.7 98°.02 4°.2/14.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 7.87	−11 39.9	1.929	2.834	11.1	20.6
8 29	0 1.81	−12 41.5	1.891	2.849	7.8	20.4
9 8	23 54.22	−13 42.0	1.877	2.865	4.9	20.3
9 18	23 45.85	−14 34.9	1.891	2.880	4.4	20.3
9 28	23 37.62	−15 14.1	1.933	2.895	6.8	20.4
10 8	23 30.40	−15 36.1	2.000	2.909	9.9	20.7
10 18	23 24.86	−15 39.6	2.092	2.923	12.7	20.9
10 28	23 21.44	−15 25.1	2.203	2.937	15.1	21.1

235784 2004 WU_{9} 9 18.7 331°.32 5°.9/12.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 4.20	−12 7.9	1.476	2.397	12.9	19.0
8 29	23 59.81	−13 53.4	1.425	2.390	9.2	18.8
9 8	23 53.40	−15 40.4	1.397	2.384	6.4	18.6
9 18	23 45.80	−17 17.7	1.395	2.379	6.5	18.6
9 28	23 38.14	−18 35.1	1.418	2.374	9.4	18.8
10 8	23 31.54	−19 25.7	1.465	2.369	13.1	19.0
10 18	23 26.92	−19 47.1	1.532	2.364	16.6	19.2
10 28	23 24.86	−19 40.3	1.617	2.360	19.4	19.4

172922 2005 GL_{139} 9 18.7 239°.52 3°.9/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 7.32	−10 44.9	1.852	2.758	11.4	20.0
8 29	0 1.62	−11 38.5	1.797	2.758	8.1	19.8
9 8	23 54.22	−12 32.8	1.768	2.757	4.9	19.7
9 18	23 45.86	−13 21.1	1.764	2.756	4.2	19.6
9 28	23 37.50	−13 57.2	1.788	2.756	6.8	19.8
10 8	23 30.10	−14 16.6	1.839	2.755	10.2	20.0
10 18	23 24.41	−14 17.7	1.912	2.754	13.3	20.2
10 28	23 20.94	−14 0.3	2.006	2.753	16.0	20.4

67697 2000 SW_{352} 9 18.7 50°.70 8°.4/12.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 9.93	−15 19.3	0.996	1.925	16.7	17.4
8 29	0 3.95	−17 7.2	0.985	1.951	12.2	17.2
9 8	23 55.48	−18 44.7	0.994	1.977	8.9	17.2
9 18	23 45.93	−19 58.5	1.025	2.004	9.0	17.3
9 28	23 36.94	−20 39.3	1.078	2.032	12.0	17.5
10 8	23 29.92	−20 45.0	1.153	2.059	15.7	17.8
10 18	23 25.69	−20 18.7	1.245	2.087	19.0	18.1
10 28	23 24.58	−19 25.9	1.354	2.115	21.8	18.4

155861 2001 CA_{33} 9 18.7 197°.66 5°.2/11.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 7.15	−20 16.6	2.775	3.667	8.6	20.5
8 29	0 1.08	−21 7.7	2.722	3.664	6.6	20.4
9 8	23 53.79	−21 52.8	2.696	3.660	5.3	20.3
9 18	23 45.83	−22 27.2	2.699	3.656	5.5	20.3
9 28	23 37.88	−22 47.0	2.729	3.652	7.1	20.4
10 8	23 30.62	−22 50.2	2.786	3.648	9.1	20.5
10 18	23 24.60	−22 36.5	2.867	3.643	11.1	20.7
10 28	23 20.26	−22 6.9	2.969	3.637	12.8	20.8

471532 2012 HS_{57} 9 18.7 117°.47 1°.9/20.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 9.49	+ 7 6.4	1.787	2.650	14.0	22.0
8 29	0 3.06	+ 6 23.5	1.735	2.670	10.2	21.8
9 8	23 54.93	+ 5 23.7	1.708	2.689	6.1	21.6
9 18	23 45.91	+ 4 11.9	1.707	2.708	2.3	21.4
9 28	23 37.01	+ 2 55.0	1.735	2.726	3.8	21.5
10 8	23 29.20	+ 1 40.8	1.791	2.744	7.8	21.8
10 18	23 23.21	+ 0 35.7	1.872	2.760	11.4	22.1
10 28	23 19.53	− 0 15.5	1.977	2.776	14.5	22.3

493746 2015 TZ_{224} 9 18.7 287°.67 8°.2/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 3.33	+27 57.0	2.333	3.068	14.9	20.9
8 29	23 58.86	+27 58.3	2.235	3.052	13.0	20.7
9 8	23 52.82	+27 33.6	2.157	3.037	11.0	20.6
9 18	23 45.77	+26 41.4	2.101	3.022	9.2	20.4
9 28	23 38.53	+25 23.2	2.070	3.007	8.2	20.3
10 8	23 31.93	+23 44.1	2.065	2.992	8.7	20.3
10 18	23 26.74	+21 51.7	2.087	2.976	10.3	20.4
10 28	23 23.54	+19 55.2	2.133	2.961	12.5	20.5

49807 1999 XL_{39} 9 18.7 227°.15 0°.7/19.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 8.14	+ 3 17.7	1.865	2.741	12.9	19.7
8 29	0 2.33	+ 2 33.3	1.785	2.730	9.3	19.5
9 8	23 54.69	+ 1 34.3	1.731	2.719	5.2	19.2
9 18	23 45.91	+ 0 25.2	1.703	2.707	0.9	18.9
9 28	23 36.94	− 0 47.3	1.703	2.694	4.0	19.1
10 8	23 28.79	− 1 55.7	1.732	2.681	8.3	19.3
10 18	23 22.31	− 2 53.8	1.786	2.667	12.2	19.5
10 28	23 18.12	− 3 36.8	1.862	2.652	15.6	19.7

254260 2004 RA_{176} 9 18.7 33°.13 3°.9/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 4.68	+11 41.9	1.953	2.799	13.6	20.1
8 29	23 59.75	+11 35.3	1.887	2.804	10.5	19.9
9 8	23 53.23	+11 10.3	1.843	2.810	7.2	19.7
9 18	23 45.80	+10 28.8	1.825	2.815	4.4	19.5
9 28	23 38.33	+ 9 35.3	1.834	2.821	4.4	19.6
10 8	23 31.69	+ 8 35.9	1.871	2.827	7.2	19.7
10 18	23 26.60	+ 7 37.2	1.932	2.833	10.4	20.0
10 28	23 23.58	+ 6 45.3	2.017	2.840	13.4	20.2

47504 2000 AJ_{56} 9 18.7 177°.73 1°.7/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 6.57	− 4 16.5	2.008	2.904	11.2	19.3
8 29	0 1.00	− 5 5.8	1.948	2.905	7.8	19.1
9 8	23 53.87	− 6 1.4	1.912	2.906	4.0	18.9
9 18	23 45.86	− 6 57.7	1.904	2.906	1.8	18.7
9 28	23 37.82	− 7 48.7	1.924	2.906	4.8	18.9
10 8	23 30.62	− 8 29.1	1.972	2.906	8.5	19.2
10 18	23 24.97	− 8 55.5	2.044	2.906	11.8	19.4
10 28	23 21.36	− 9 6.0	2.139	2.905	14.6	19.6

385280 2001 SO_{225} 9 18.7 336°.45 0°.1/18.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 3.80	+ 1 10.7	1.174	2.084	16.2	20.6
8 29	23 59.98	+ 0 38.1	1.108	2.070	11.6	20.3
9 8	23 53.70	− 0 12.1	1.062	2.057	6.3	20.0
9 18	23 45.85	− 1 13.9	1.040	2.044	0.5	19.5
9 28	23 37.76	− 2 17.8	1.041	2.033	5.4	19.9
10 8	23 30.84	− 3 13.7	1.065	2.023	11.1	20.2
10 18	23 26.25	− 3 53.7	1.110	2.014	16.1	20.4
10 28	23 24.72	− 4 12.8	1.174	2.007	20.3	20.7

137742 1999 XH_{136} 9 18.7 271°.15 11°.8/ 8.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 20.41	−32 1.4	1.705	2.574	14.2	19.5
8 29	0 11.39	−33 6.5	1.643	2.549	12.5	19.4
9 8	23 59.65	−33 51.8	1.604	2.524	11.8	19.3
9 18	23 46.27	−34 6.9	1.589	2.497	12.4	19.2
9 28	23 32.78	−33 45.2	1.598	2.471	14.2	19.3
10 8	23 20.75	−32 45.9	1.629	2.443	16.7	19.4
10 18	23 11.35	−31 13.6	1.680	2.415	19.2	19.5
10 28	23 5.28	−29 15.1	1.747	2.387	21.4	19.6

483764 2005 UU_{191} 9 18.7 347°.73 8°.7/28.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 1.23	+23 57.8	1.662	2.455	17.9	20.1
8 29	23 57.75	+24 3.9	1.583	2.447	15.3	19.9
9 8	23 52.36	+23 38.4	1.523	2.440	12.4	19.7
9 18	23 45.76	+22 40.0	1.483	2.433	9.9	19.5
9 28	23 38.97	+21 11.9	1.468	2.428	8.7	19.5
10 8	23 33.08	+19 22.0	1.476	2.423	9.7	19.5
10 18	23 28.99	+17 21.2	1.509	2.420	12.2	19.6
10 28	23 27.34	+15 21.4	1.565	2.417	15.1	19.8

21518 Maysunhasan 9 18.7 207°.02 6°.1/11.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 6.72	−16 16.1	1.934	2.841	11.0	17.8
8 29	0 1.22	−17 51.2	1.883	2.838	8.2	17.6
9 8	23 54.03	−19 23.0	1.858	2.834	6.3	17.5
9 18	23 45.87	−20 43.1	1.861	2.830	6.6	17.5
9 28	23 37.68	−21 43.8	1.890	2.826	8.9	17.6
10 8	23 30.38	−22 21.0	1.944	2.821	11.7	17.8
10 18	23 24.76	−22 33.3	2.020	2.816	14.4	18.0
10 28	23 21.32	−22 22.2	2.115	2.811	16.7	18.2

167429 2003 WX_{157} 9 18.7 348°.48 10°.9/ 8.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 6.16	−24 38.7	1.326	2.241	14.4	18.8
8 29	0 1.42	−26 16.2	1.288	2.234	12.0	18.6
9 8	23 54.33	−27 38.6	1.272	2.227	10.9	18.5
9 18	23 45.90	−28 34.3	1.278	2.222	11.7	18.6
9 28	23 37.53	−28 55.1	1.305	2.217	14.0	18.7
10 8	23 30.54	−28 38.9	1.353	2.213	16.9	18.9
10 18	23 25.91	−27 48.4	1.419	2.211	19.6	19.1
10 28	23 24.21	−26 28.9	1.499	2.209	22.0	19.3

359475 2010 OO_{10} 9 18.7 342°.92 0°.4/18.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 10.18	− 2 52.7	1.928	2.817	11.9	20.3
8 29	0 3.61	− 2 48.5	1.862	2.814	8.4	20.1
9 8	23 55.30	− 2 49.9	1.820	2.812	4.4	19.8
9 18	23 45.98	− 2 53.9	1.805	2.810	0.5	19.5
9 28	23 36.61	− 2 56.6	1.820	2.808	4.1	19.8
10 8	23 28.16	− 2 54.5	1.861	2.807	8.1	20.1
10 18	23 21.41	− 2 44.9	1.929	2.805	11.7	20.3
10 28	23 16.92	− 2 26.0	2.018	2.804	14.7	20.5

440189 2004 DA_{72} 9 18.7 204°.43 1°.2/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 8.21	+ 3 9.5	2.171	3.041	11.6	21.5
8 29	0 2.12	+ 2 59.9	2.098	3.039	8.4	21.3
9 8	23 54.48	+ 2 39.8	2.050	3.036	4.8	21.1
9 18	23 45.93	+ 2 11.9	2.029	3.032	1.4	20.8
9 28	23 37.28	+ 1 40.3	2.037	3.028	3.4	21.0
10 8	23 29.39	+ 1 9.6	2.074	3.024	7.1	21.2
10 18	23 22.98	+ 0 44.0	2.137	3.020	10.4	21.4
10 28	23 18.55	+ 0 27.0	2.223	3.015	13.3	21.6

469396 2001 TG_{163} 9 18.8 10°.68 1°.0/18.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 8.45	− 3 6.0	1.095	2.012	16.6	20.2
8 29	0 3.16	− 3 10.3	1.048	2.014	11.7	19.9
9 8	23 55.31	− 3 24.1	1.022	2.017	6.1	19.6
9 18	23 45.99	− 3 41.8	1.018	2.022	1.0	19.3
9 28	23 36.73	− 3 56.1	1.037	2.028	5.9	19.7
10 8	23 29.00	− 4 0.8	1.080	2.035	11.3	20.0
10 18	23 23.89	− 3 51.9	1.143	2.043	16.1	20.3
10 28	23 21.97	− 3 27.5	1.225	2.053	20.0	20.6

289337 2005 AN_{81} 9 18.8 216°.80 6°.4/11.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 9.01	−20 38.8	2.255	3.151	10.1	22.1
8 29	0 2.68	−21 50.9	2.201	3.143	7.9	22.0
9 8	23 54.77	−22 56.4	2.172	3.134	6.5	21.9
9 18	23 45.96	−23 48.3	2.170	3.125	6.9	21.9
9 28	23 37.09	−24 21.2	2.196	3.115	8.7	22.0
10 8	23 29.07	−24 32.3	2.247	3.104	11.1	22.1
10 18	23 22.59	−24 21.3	2.320	3.093	13.5	22.3
10 28	23 18.17	−23 50.0	2.412	3.081	15.5	22.4

140939 2001 VZ_{89} 9 18.8 242°.78 7°.2/ 9.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 7.77	−24 46.0	2.418	3.307	9.8	20.1
8 29	0 1.80	−26 1.1	2.363	3.293	8.1	19.9
9 8	23 54.31	−27 7.2	2.334	3.279	7.2	19.8
9 18	23 45.93	−27 57.7	2.331	3.264	7.8	19.9
9 28	23 37.47	−28 27.7	2.355	3.248	9.4	19.9
10 8	23 29.79	−28 34.6	2.403	3.233	11.5	20.1
10 18	23 23.56	−28 18.6	2.473	3.216	13.5	20.2
10 28	23 19.30	−27 41.8	2.561	3.200	15.3	20.3

298673 2004 CF_{103} 9 18.8 257°.76 1°.1/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 4.87	+ 4 57.6	2.143	3.013	11.7	21.5
8 29	23 59.90	+ 4 10.9	2.055	2.996	8.5	21.2
9 8	23 53.38	+ 3 9.5	1.992	2.978	4.9	21.0
9 18	23 45.86	+ 1 57.2	1.957	2.960	1.3	20.7
9 28	23 38.16	+ 0 40.0	1.950	2.942	3.5	20.8
10 8	23 31.09	− 0 35.5	1.972	2.923	7.3	21.0
10 18	23 25.41	− 1 43.0	2.020	2.904	10.9	21.2
10 28	23 21.67	− 2 37.6	2.091	2.884	14.0	21.4

13449 Margaretgarland 9 18.8 306°.07 0°.4/18.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 2.29	+ 0 42.1	2.078	2.967	11.2	18.7
8 29	23 58.05	− 0 20.7	2.004	2.958	7.8	18.5
9 8	23 52.36	− 1 35.1	1.956	2.948	4.1	18.3
9 18	23 45.79	− 2 55.7	1.934	2.939	0.4	18.0
9 28	23 39.11	− 4 15.9	1.942	2.930	4.0	18.2
10 8	23 33.13	− 5 28.7	1.977	2.921	7.8	18.5
10 18	23 28.51	− 6 29.0	2.037	2.912	11.2	18.7
10 28	23 25.77	− 7 12.9	2.120	2.904	14.1	18.8

435285 2007 TU_{372} 9 18.8 20°.04 2°.3/16.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 3.69	− 3 28.5	1.251	2.168	14.9	20.3
8 29	23 59.53	− 4 35.0	1.208	2.175	10.3	20.1
9 8	23 53.27	− 5 51.5	1.187	2.183	5.3	19.8
9 18	23 45.85	− 7 8.8	1.190	2.193	2.4	19.7
9 28	23 38.51	− 8 16.9	1.218	2.203	6.5	19.9
10 8	23 32.45	− 9 7.5	1.270	2.214	11.2	20.2
10 18	23 28.55	− 9 36.2	1.343	2.226	15.3	20.5
10 28	23 27.32	− 9 41.6	1.434	2.239	18.7	20.8

266311 2007 CK_{31} 9 18.8 92°.26 0°.5/19.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 9.20	+ 2 9.6	1.591	2.477	14.2	20.6
8 29	0 3.04	+ 1 36.8	1.543	2.492	10.1	20.4
9 8	23 55.00	+ 0 50.8	1.517	2.507	5.5	20.1
9 18	23 45.97	− 0 3.0	1.518	2.522	0.8	19.8
9 28	23 37.05	− 0 57.9	1.546	2.537	4.2	20.1
10 8	23 29.31	− 1 46.6	1.600	2.551	8.7	20.4
10 18	23 23.54	− 2 24.1	1.679	2.565	12.6	20.7
10 28	23 20.25	− 2 46.8	1.779	2.579	15.8	21.0

263351 2008 CU_{131} 9 18.8 184°.20 0°.1/18.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 10.04	+ 0 23.8	1.815	2.698	12.8	21.5
8 29	0 3.60	− 0 12.8	1.749	2.699	9.1	21.3
9 8	23 55.34	− 1 0.4	1.708	2.699	4.8	21.0
9 18	23 46.00	− 1 54.2	1.693	2.698	0.3	20.7
9 28	23 36.61	− 2 47.7	1.708	2.697	4.3	21.0
10 8	23 28.17	− 3 34.7	1.749	2.695	8.5	21.3
10 18	23 21.53	− 4 10.3	1.816	2.692	12.3	21.5
10 28	23 17.24	− 4 31.1	1.905	2.689	15.5	21.7

225687 2001 QG_{68} 9 18.8 39°.75 6°.9/26.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 2.96	+20 8.7	1.092	1.939	22.0	19.2
8 29	23 59.16	+19 8.2	1.055	1.965	17.5	19.0
9 8	23 53.07	+17 26.4	1.036	1.992	12.7	18.8
9 18	23 45.84	+15 9.6	1.038	2.020	8.4	18.7
9 28	23 38.88	+12 30.9	1.063	2.049	7.0	18.7
10 8	23 33.47	+ 9 48.3	1.113	2.078	9.7	19.0
10 18	23 30.45	+ 7 17.9	1.186	2.109	13.7	19.3
10 28	23 30.25	+ 5 11.4	1.281	2.139	17.4	19.6

233705 2008 SL_{68} 9 18.8 209°.00 4°.7/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 9.67	+12 56.1	2.023	2.854	13.8	20.6
8 29	0 3.35	+13 12.1	1.944	2.850	10.9	20.4
9 8	23 55.24	+13 10.1	1.888	2.845	7.8	20.2
9 18	23 46.02	+12 50.6	1.857	2.841	5.2	20.0
9 28	23 36.61	+12 16.2	1.855	2.836	5.1	20.0
10 8	23 28.01	+11 32.3	1.880	2.830	7.7	20.2
10 18	23 21.04	+10 45.0	1.931	2.824	10.8	20.4
10 28	23 16.30	+10 0.7	2.005	2.818	13.8	20.6

291446 2006 DY_{37} 9 18.8 141°.64 0°.1/18.8 17

8 19	0 12.96	+ 0 31.4	1.648	2.530	13.9	21.4
8 29	0 5.67	+ 0 2.6	1.594	2.543	9.8	21.2
9 8	23 56.42	− 0 37.3	1.563	2.554	5.3	20.9
9 18	23 46.10	− 1 23.5	1.560	2.565	0.4	20.6
9 28	23 35.85	− 2 9.3	1.585	2.575	4.4	20.9
10 8	23 26.81	− 2 48.6	1.637	2.584	8.9	21.2
10 18	23 19.82	− 3 16.5	1.714	2.592	12.8	21.5
10 28	23 15.42	− 3 30.2	1.813	2.600	16.1	21.7

304173 2006 PN_{43} 9 18.8 18°.33 1°.9/16.9 18

8 19	0 2.24	− 1 47.8	1.425	2.336	13.9	19.7
8 29	23 58.38	− 3 12.1	1.377	2.341	9.6	19.5
9 8	23 52.63	− 4 48.4	1.352	2.348	4.9	19.2
9 18	23 45.83	− 6 27.6	1.351	2.354	2.0	19.0
9 28	23 39.05	− 7 59.2	1.377	2.362	5.9	19.3
10 8	23 33.36	− 9 14.3	1.428	2.370	10.4	19.6
10 18	23 29.57	−10 7.3	1.502	2.379	14.3	19.9
10 28	23 28.19	−10 36.0	1.595	2.389	17.6	20.1

298579 2003 YV_{21} 9 18.8 176°.25 5°.2/23.8 18

8 19	0 7.95	+14 21.5	1.979	2.806	14.2	20.5
8 29	0 2.14	+14 37.1	1.905	2.806	11.3	20.3
9 8	23 54.59	+14 33.2	1.854	2.807	8.2	20.2
9 18	23 45.98	+14 10.3	1.827	2.807	5.7	20.0
9 28	23 37.25	+13 31.4	1.828	2.807	5.4	20.0
10 8	23 29.34	+12 41.9	1.856	2.807	7.7	20.1
10 18	23 23.07	+11 48.6	1.910	2.807	10.7	20.3
10 28	23 19.01	+10 58.0	1.987	2.807	13.6	20.5

407621 2011 CN_{23} 9 18.8 282°.35 1°.9/20.9 17

8 19	0 4.15	+ 6 26.5	2.327	3.188	11.2	21.5
8 29	23 59.29	+ 6 8.0	2.242	3.175	8.3	21.3
9 8	23 53.02	+ 5 36.7	2.181	3.161	5.1	21.1
9 18	23 45.87	+ 4 54.9	2.148	3.148	2.2	20.9
9 28	23 38.58	+ 4 6.7	2.143	3.134	3.2	21.0
10 8	23 31.89	+ 3 17.1	2.166	3.120	6.5	21.1
10 18	23 26.47	+ 2 31.2	2.216	3.107	9.8	21.3
10 28	23 22.83	+ 1 53.3	2.289	3.093	12.6	21.5

59755 1999 LY_{32} 9 18.8 355°.36 10°.7/ 8.5 18

8 19	0 1.94	−20 36.8	1.115	2.047	15.0	16.9
8 29	23 58.70	−22 49.0	1.081	2.041	12.1	16.7
9 8	23 52.99	−24 49.7	1.067	2.036	10.7	16.7
9 18	23 45.87	−26 24.1	1.075	2.033	11.8	16.7
9 28	23 38.75	−27 20.7	1.105	2.031	14.7	16.9
10 8	23 33.06	−27 35.2	1.153	2.030	18.0	17.1
10 18	23 29.80	−27 9.4	1.218	2.031	21.1	17.3
10 28	23 29.54	−26 9.0	1.297	2.033	23.7	17.5

508812 2000 WX_{66} 9 18.8 204°.00 11°.1/ 1.4 18

8 19	0 15.24	−42 57.3	2.607	3.419	11.6	22.3
8 29	0 7.12	−44 22.1	2.584	3.413	11.1	22.2
9 8	23 57.15	−45 25.7	2.583	3.406	11.2	22.2
9 18	23 46.17	−46 2.1	2.604	3.398	11.9	22.3
9 28	23 35.26	−46 7.8	2.648	3.390	12.9	22.3
10 8	23 25.51	−45 43.2	2.710	3.380	14.1	22.4
10 18	23 17.70	−44 51.6	2.789	3.370	15.2	22.5
10 28	23 12.37	−43 37.5	2.882	3.359	16.1	22.6

407045 2009 SU_{110} 9 18.8 320°.60 0°.9/17.9 17

8 19	0 4.98	− 2 36.9	1.914	2.811	11.6	20.9
8 29	0 0.08	− 3 3.7	1.839	2.796	8.2	20.6
9 8	23 53.51	− 3 38.3	1.787	2.781	4.3	20.4
9 18	23 45.91	− 4 16.3	1.763	2.767	0.9	20.1
9 28	23 38.16	− 4 52.2	1.766	2.753	4.4	20.3
10 8	23 31.17	− 5 20.7	1.795	2.740	8.4	20.5
10 18	23 25.72	− 5 37.9	1.849	2.727	12.1	20.7
10 28	23 22.39	− 5 41.3	1.925	2.714	15.2	20.9

514168 2015 MY_{9} 9 18.8 345°.49 1°.9/16.8 18

8 19	0 4.68	− 3 27.9	1.755	2.658	12.2	21.4
8 29	23 59.88	− 4 33.7	1.696	2.657	8.4	21.2
9 8	23 53.39	− 5 48.2	1.661	2.655	4.4	20.9
9 18	23 45.91	− 7 4.4	1.652	2.655	2.0	20.7
9 28	23 38.38	− 8 14.4	1.671	2.654	5.4	21.0
10 8	23 31.76	− 9 11.6	1.717	2.653	9.4	21.2
10 18	23 26.81	− 9 51.4	1.786	2.653	13.0	21.4
10 28	23 24.07	−10 11.7	1.876	2.652	16.0	21.7

480175 2015 FE_{317} 9 18.8 194°.94 2°.0/16.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 7.34	− 3 32.1	1.723	2.622	12.6	21.3
8 29	0 1.80	− 4 42.1	1.662	2.621	8.7	21.1
9 8	23 54.43	− 6 1.0	1.625	2.619	4.5	20.8
9 18	23 45.99	− 7 21.6	1.615	2.617	2.1	20.7
9 28	23 37.49	− 8 35.7	1.633	2.615	5.6	20.9
10 8	23 29.96	− 9 36.1	1.678	2.612	9.7	21.1
10 18	23 24.20	−10 18.1	1.746	2.609	13.4	21.4
10 28	23 20.80	−10 39.6	1.836	2.605	16.5	21.6

222844 2002 EH_{82} 9 18.8 235°.65 1°.0/21.0 18

8 19	23 58.26	+ 5 48.7	4.832	5.681	6.0	20.4
8 29	23 54.59	+ 5 32.8	4.747	5.674	4.4	20.2
9 8	23 50.32	+ 5 11.1	4.690	5.667	2.7	20.1
9 18	23 45.70	+ 4 44.9	4.661	5.660	1.2	20.0
9 28	23 41.04	+ 4 15.9	4.663	5.653	1.7	20.0
10 8	23 36.66	+ 3 46.2	4.694	5.646	3.4	20.1
10 18	23 32.83	+ 3 17.9	4.755	5.638	5.1	20.3
10 28	23 29.82	+ 2 52.8	4.842	5.631	6.6	20.4

476415 2008 DX_{20} 9 18.8 142°.52 0°.6/18.3 17

8 19	0 11.13	− 1 12.7	1.757	2.644	13.0	22.0
8 29	0 4.33	− 1 44.9	1.702	2.654	9.1	21.8
9 8	23 55.72	− 2 26.1	1.671	2.663	4.8	21.5
9 18	23 46.10	− 3 11.3	1.667	2.672	0.6	21.3
9 28	23 36.54	− 3 54.4	1.692	2.680	4.5	21.6
10 8	23 28.05	− 4 29.5	1.744	2.687	8.7	21.8
10 18	23 21.46	− 4 52.7	1.821	2.694	12.4	22.1
10 28	23 17.26	− 5 1.6	1.919	2.700	15.5	22.3

264116 2009 SV_{355} 9 18.8 356°.14 1°.4/16.4 17

8 19	23 59.87	− 6 59.8	3.703	4.596	6.6	20.7
8 29	23 55.83	− 7 26.3	3.639	4.595	4.6	20.5
9 8	23 51.02	− 7 54.5	3.602	4.594	2.4	20.4
9 18	23 45.77	− 8 21.9	3.594	4.593	1.4	20.3
9 28	23 40.50	− 8 45.7	3.615	4.593	3.1	20.4
10 8	23 35.64	− 9 3.9	3.666	4.592	5.2	20.6
10 18	23 31.54	− 9 14.5	3.743	4.592	7.2	20.7
10 28	23 28.52	− 9 16.6	3.844	4.592	8.9	20.8

137796 1999 XB_{254} 9 18.8 173°.48 0°.4/19.2 18

8 19	0 9.04	+ 2 7.1	1.790	2.671	13.1	21.2
8 29	0 2.93	+ 1 29.4	1.726	2.674	9.3	20.9
9 8	23 55.02	+ 0 39.0	1.686	2.676	5.1	20.7
9 18	23 46.06	− 0 19.5	1.673	2.677	0.7	20.4
9 28	23 37.06	− 1 19.4	1.688	2.678	4.1	20.6
10 8	23 29.02	− 2 13.9	1.730	2.679	8.3	20.9
10 18	23 22.75	− 2 57.6	1.798	2.679	12.2	21.1
10 28	23 18.82	− 3 26.8	1.887	2.678	15.4	21.4

406761 2008 KB_{7} 9 18.8 41°.42 5°.0/12.8 18

8 19	0 3.79	−13 38.4	1.966	2.877	10.6	20.5
8 29	23 59.09	−15 3.5	1.924	2.884	7.7	20.4
9 8	23 52.91	−16 26.6	1.907	2.890	5.4	20.2
9 18	23 45.91	−17 40.3	1.917	2.897	5.4	20.3
9 28	23 38.95	−18 37.9	1.955	2.904	7.7	20.4
10 8	23 32.86	−19 15.0	2.017	2.912	10.5	20.6
10 18	23 28.30	−19 30.4	2.102	2.919	13.2	20.8
10 28	23 25.73	−19 24.5	2.207	2.927	15.5	21.0

220667 2004 RQ_{192} 9 18.8 70°.99 2°.8/21.7 18

8 19	0 7.15	+ 7 59.0	2.195	3.048	12.1	19.8
8 29	0 1.38	+ 8 5.4	2.126	3.051	9.1	19.6
9 8	23 54.13	+ 7 58.5	2.080	3.054	5.9	19.4
9 18	23 46.01	+ 7 39.9	2.062	3.057	3.1	19.2
9 28	23 37.82	+ 7 12.9	2.071	3.060	3.7	19.3
10 8	23 30.39	+ 6 41.9	2.109	3.063	6.7	19.5
10 18	23 24.39	+ 6 11.7	2.173	3.066	9.8	19.7
10 28	23 20.35	+ 5 46.7	2.261	3.069	12.6	19.9

38528 1999 UL_{4} 9 18.8 77°.04 4°.0/23.5 18

8 19	0 4.60	+13 19.2	2.180	3.012	12.9	18.3
8 29	23 59.61	+13 7.9	2.111	3.019	10.1	18.2
9 8	23 53.19	+12 38.6	2.066	3.025	7.1	18.0
9 18	23 45.94	+11 53.1	2.046	3.032	4.5	17.9
9 28	23 38.66	+10 55.4	2.055	3.038	4.4	17.9
10 8	23 32.13	+ 9 51.3	2.090	3.045	6.7	18.0
10 18	23 27.00	+ 8 47.0	2.153	3.052	9.6	18.2
10 28	23 23.77	+ 7 48.5	2.239	3.058	12.3	18.4

195499 2002 GJ_{169} 9 18.8 252°.36 0°.6/18.3 18

8 19	0 8.92	− 1 34.0	1.778	2.669	12.7	20.4
8 29	0 2.93	− 1 57.7	1.708	2.662	8.9	20.2
9 8	23 55.07	− 2 30.2	1.662	2.655	4.7	19.9
9 18	23 46.09	− 3 7.1	1.643	2.648	0.6	19.6
9 28	23 36.98	− 3 42.7	1.652	2.640	4.5	19.9
10 8	23 28.78	− 4 11.5	1.687	2.633	8.8	20.1
10 18	23 22.36	− 4 29.1	1.747	2.625	12.6	20.4
10 28	23 18.31	− 4 33.0	1.829	2.618	15.9	20.6

514165 2015 LM_{42} 9 18.8 94°.94 1°.6/17.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 7.13	− 4 0.9	1.823	2.721	12.0	21.3
8 29	0 1.53	− 4 42.6	1.766	2.724	8.3	21.1
9 8	23 54.25	− 5 31.0	1.734	2.728	4.3	20.9
9 18	23 46.02	− 6 20.4	1.728	2.731	1.7	20.7
9 28	23 37.79	− 7 4.7	1.750	2.734	5.0	20.9
10 8	23 30.51	− 7 38.3	1.798	2.737	8.9	21.2
10 18	23 24.91	− 7 57.9	1.871	2.740	12.4	21.4
10 28	23 21.53	− 8 1.6	1.965	2.742	15.3	21.6

475326 2005 YL_{224} 9 18.8 331°.22 0°.7/19.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 4.92	+ 1 59.7	1.240	2.145	16.0	20.6
8 29	0 0.76	+ 1 37.9	1.170	2.129	11.6	20.3
9 8	23 54.19	+ 0 58.8	1.121	2.114	6.4	20.0
9 18	23 46.03	+ 0 7.5	1.095	2.100	1.0	19.6
9 28	23 37.59	− 0 47.9	1.094	2.087	5.1	19.8
10 8	23 30.27	− 1 38.3	1.116	2.075	10.6	20.1
10 18	23 25.20	− 2 15.9	1.159	2.064	15.5	20.3
10 28	23 23.15	− 2 35.3	1.221	2.054	19.7	20.6

220335 2003 GD_{8} 9 18.8 257°.45 1°.4/16.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 0.23	− 8 19.1	4.380	5.271	5.7	20.1
8 29	23 56.00	− 8 39.0	4.311	5.266	4.0	19.9
9 8	23 51.09	− 8 59.7	4.270	5.261	2.2	19.8
9 18	23 45.80	− 9 19.1	4.259	5.257	1.4	19.7
9 28	23 40.50	− 9 35.1	4.278	5.252	2.8	19.9
10 8	23 35.53	− 9 46.0	4.326	5.247	4.6	20.0
10 18	23 31.22	− 9 50.5	4.401	5.242	6.4	20.1
10 28	23 27.83	− 9 47.6	4.501	5.238	7.9	20.2

288504 2004 FF_{92} 9 18.8 198°.91 6°.3/12.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 10.74	−17 57.5	1.980	2.879	11.2	21.2
8 29	0 4.06	−19 17.2	1.927	2.876	8.4	21.0
9 8	23 55.61	−20 31.7	1.900	2.872	6.6	20.9
9 18	23 46.13	−21 33.1	1.900	2.866	6.8	20.9
9 28	23 36.64	−22 14.8	1.928	2.861	8.9	21.0
10 8	23 28.11	−22 33.2	1.981	2.854	11.7	21.2
10 18	23 21.34	−22 27.9	2.056	2.847	14.4	21.3
10 28	23 16.88	−22 0.8	2.150	2.839	16.7	21.5

378112 2006 UG_{239} 9 18.8 152°.85 2°.6/16.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 11.88	− 6 35.9	1.563	2.464	13.5	21.0
8 29	0 5.08	− 7 10.4	1.508	2.467	9.4	20.8
9 8	23 56.21	− 7 49.2	1.477	2.470	5.1	20.5
9 18	23 46.18	− 8 26.2	1.473	2.473	2.7	20.4
9 28	23 36.18	− 8 54.6	1.495	2.476	6.1	20.6
10 8	23 27.39	− 9 9.3	1.544	2.478	10.3	20.9
10 18	23 20.71	− 9 7.9	1.616	2.481	14.2	21.1
10 28	23 16.70	− 8 49.7	1.708	2.482	17.4	21.4

59517 1999 JA_{16} 9 18.8 106°.56 3°.0/16.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 9.72	− 7 33.4	1.707	2.609	12.5	18.3
8 29	0 3.35	− 8 21.6	1.661	2.620	8.6	18.1
9 8	23 55.20	− 9 12.8	1.639	2.632	4.8	17.9
9 18	23 46.11	−10 0.5	1.644	2.643	3.1	17.8
9 28	23 37.13	−10 38.2	1.677	2.654	6.1	18.0
10 8	23 29.28	−11 1.1	1.736	2.664	9.9	18.3
10 18	23 23.32	−11 7.1	1.819	2.675	13.3	18.5
10 28	23 19.74	−10 55.8	1.922	2.685	16.1	18.7

511987 2015 KD_{94} 9 18.8 9°.20 11°.6/ 8.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 7.74	−27 2.5	1.353	2.262	14.7	20.1
8 29	0 2.47	−28 41.7	1.326	2.263	12.5	19.9
9 8	23 54.89	−30 2.0	1.320	2.265	11.6	19.9
9 18	23 46.09	−30 52.6	1.336	2.268	12.4	19.9
9 28	23 37.46	−31 6.5	1.374	2.271	14.5	20.1
10 8	23 30.32	−30 43.1	1.431	2.276	17.0	20.3
10 18	23 25.58	−29 46.0	1.506	2.281	19.5	20.5
10 28	23 23.74	−28 21.5	1.596	2.286	21.6	20.7

469662 2004 TC_{291} 9 18.8 20°.73 10°.4/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 0.89	+22 56.9	1.026	1.867	23.5	19.6
8 29	23 58.05	+23 17.4	0.985	1.881	19.8	19.4
9 8	23 52.70	+22 54.3	0.959	1.896	15.8	19.3
9 18	23 45.93	+21 47.4	0.951	1.914	12.2	19.1
9 28	23 39.23	+20 3.7	0.963	1.934	10.4	19.1
10 8	23 34.04	+17 57.5	0.996	1.955	11.6	19.3
10 18	23 31.38	+15 45.6	1.051	1.978	14.6	19.5
10 28	23 31.78	+13 43.1	1.126	2.002	18.0	19.8

316261 2010 ON_{113} 9 18.8 13°.92 4°.0/22.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 6.40	+10 16.7	1.831	2.685	14.1	20.2
8 29	0 1.12	+10 27.2	1.764	2.687	10.8	20.0
9 8	23 54.09	+10 20.1	1.720	2.689	7.3	19.8
9 18	23 46.04	+ 9 56.9	1.701	2.692	4.4	19.6
9 28	23 37.90	+ 9 21.4	1.708	2.695	4.6	19.6
10 8	23 30.65	+ 8 39.2	1.742	2.699	7.6	19.8
10 18	23 25.08	+ 7 56.8	1.802	2.703	11.1	20.0
10 28	23 21.74	+ 7 19.9	1.884	2.707	14.1	20.2

485284 2010 YQ_{1} 9 18.8 238°.76 5°.9/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 6.17	+20 31.8	2.708	3.482	12.2	21.0
8 29	0 0.67	+20 51.5	2.616	3.472	10.2	20.8
9 8	23 53.78	+20 53.4	2.546	3.462	8.1	20.7
9 18	23 46.03	+20 37.1	2.501	3.451	6.4	20.6
9 28	23 38.08	+20 3.8	2.484	3.440	5.9	20.5
10 8	23 30.67	+19 17.3	2.494	3.429	6.9	20.6
10 18	23 24.45	+18 22.4	2.532	3.417	8.9	20.7
10 28	23 19.94	+17 25.0	2.594	3.405	11.1	20.8

72563 2001 EN_{7} 9 18.8 121°.40 1°.8/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 6.79	− 6 16.6	2.333	3.226	9.9	19.1
8 29	0 1.01	− 6 43.1	2.274	3.230	6.9	18.9
9 8	23 53.89	− 7 12.7	2.241	3.233	3.7	18.7
9 18	23 46.03	− 7 41.4	2.236	3.237	1.8	18.6
9 28	23 38.17	− 8 4.9	2.260	3.240	4.4	18.8
10 8	23 31.08	− 8 19.7	2.312	3.244	7.5	19.0
10 18	23 25.34	− 8 23.7	2.390	3.247	10.5	19.2
10 28	23 21.41	− 8 15.7	2.490	3.250	12.9	19.4

14596 Bergstralh 9 18.8 311°.31 0°.5/18.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 3.00	+ 2 12.9	1.284	2.189	15.5	17.7
8 29	23 59.44	+ 0 57.9	1.205	2.165	11.1	17.4
9 8	23 53.52	− 0 39.7	1.147	2.141	6.0	17.0
9 18	23 46.02	− 2 32.6	1.113	2.118	0.5	16.6
9 28	23 38.13	− 4 28.7	1.105	2.095	5.7	16.9
10 8	23 31.20	− 6 14.7	1.121	2.073	11.4	17.1
10 18	23 26.40	− 7 39.9	1.158	2.051	16.5	17.4
10 28	23 24.54	− 8 37.6	1.214	2.031	20.8	17.6

379193 2009 SH_{17} 9 18.8 327°.19 2°.7/20.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 9.30	+ 5 52.8	1.398	2.279	16.0	20.6
8 29	0 3.60	+ 5 54.2	1.333	2.275	11.9	20.3
9 8	23 55.60	+ 5 37.4	1.288	2.272	7.3	20.1
9 18	23 46.16	+ 5 5.3	1.268	2.269	3.1	19.8
9 28	23 36.57	+ 4 23.5	1.273	2.266	4.7	19.9
10 8	23 28.13	+ 3 39.8	1.304	2.263	9.4	20.2
10 18	23 21.89	+ 3 1.3	1.358	2.260	13.9	20.4
10 28	23 18.53	+ 2 34.3	1.432	2.258	17.7	20.7

506167 2016 FS_{11} 9 18.8 66°.38 3°.5/16.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 10.70	− 6 17.4	1.153	2.069	16.0	20.8
8 29	0 4.51	− 7 21.9	1.119	2.085	11.1	20.5
9 8	23 55.95	− 8 32.0	1.108	2.102	6.0	20.3
9 18	23 46.18	− 9 37.7	1.120	2.120	3.7	20.2
9 28	23 36.69	−10 29.2	1.156	2.137	7.5	20.5
10 8	23 28.85	−10 59.7	1.217	2.154	12.3	20.8
10 18	23 23.58	−11 7.0	1.298	2.171	16.4	21.1
10 28	23 21.36	−10 51.7	1.397	2.189	19.8	21.4

518003 2015 VC_{32} 9 18.8 339°.62 2°.8/16.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 7.31	− 8 19.7	1.833	2.738	11.6	20.5
8 29	0 1.73	− 8 44.1	1.770	2.731	8.1	20.3
9 8	23 54.41	− 9 10.6	1.732	2.724	4.5	20.1
9 18	23 46.08	− 9 34.2	1.719	2.718	2.9	19.9
9 28	23 37.69	− 9 49.6	1.734	2.713	5.7	20.1
10 8	23 30.22	− 9 52.9	1.776	2.708	9.4	20.3
10 18	23 24.44	− 9 42.0	1.841	2.703	12.8	20.5
10 28	23 20.91	− 9 16.2	1.927	2.699	15.8	20.7

517746 2015 MZ_{134} 9 18.8 258°.99 6°.2/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 7.09	+17 51.1	2.064	2.871	14.4	21.2
8 29	0 1.64	+18 8.1	1.978	2.861	11.8	21.0
9 8	23 54.42	+18 3.9	1.914	2.851	9.1	20.8
9 18	23 46.09	+17 38.1	1.874	2.841	6.8	20.6
9 28	23 37.52	+16 52.8	1.861	2.831	6.3	20.6
10 8	23 29.68	+15 53.5	1.875	2.821	8.0	20.7
10 18	23 23.38	+14 46.9	1.914	2.810	10.8	20.8
10 28	23 19.26	+13 40.9	1.977	2.800	13.6	21.0

311835 2006 VW_{25} 9 18.8 141°.30 3°.9/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 5.18	+12 53.9	2.117	2.952	13.1	21.0
8 29	0 0.09	+12 39.6	2.045	2.955	10.2	20.9
9 8	23 53.50	+12 6.8	1.995	2.957	7.1	20.7
9 18	23 46.02	+11 17.4	1.972	2.959	4.4	20.5
9 28	23 38.46	+10 15.6	1.976	2.961	4.3	20.5
10 8	23 31.67	+ 9 7.6	2.008	2.963	6.9	20.7
10 18	23 26.33	+ 7 59.9	2.066	2.965	10.0	20.9
10 28	23 22.95	+ 6 58.7	2.148	2.966	12.8	21.1

70858 1999 VH_{126} 9 18.8 291°.82 0°.7/18.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 6.75	− 1 3.9	1.680	2.575	13.0	19.6
8 29	0 1.52	− 1 41.3	1.609	2.566	9.2	19.4
9 8	23 54.39	− 2 29.4	1.562	2.556	4.8	19.1
9 18	23 46.09	− 3 23.0	1.541	2.546	0.7	18.8
9 28	23 37.63	− 4 15.2	1.547	2.536	4.7	19.1
10 8	23 30.09	− 4 59.4	1.580	2.527	9.2	19.3
10 18	23 24.33	− 5 30.3	1.636	2.517	13.2	19.5
10 28	23 20.97	− 5 44.8	1.713	2.508	16.6	19.8

331976 2005 CU_{64} 9 18.8 206.°85 0.°1/18.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 11.17	+ 0 33.8	1.576	2.463	14.2	21.4
8 29	0 4.70	+ 0 8.9	1.509	2.460	10.1	21.2
9 8	23 56.11	− 0 28.2	1.466	2.457	5.5	20.9
9 18	23 46.22	− 1 12.8	1.448	2.453	0.5	20.5
9 28	23 36.21	− 1 58.2	1.458	2.448	4.6	20.9
10 8	23 27.29	− 2 37.6	1.494	2.443	9.4	21.1
10 18	23 20.41	− 3 5.7	1.555	2.438	13.6	21.4
10 28	23 16.21	− 3 18.9	1.636	2.433	17.1	21.6

418951 2009 ER_{30} 9 18.8 158.°16 0.°7/17.6 17

8 19	0 1.64	− 3 21.2	3.585	4.468	7.1	21.7
8 29	23 57.09	− 3 51.8	3.521	4.472	4.9	21.6
9 8	23 51.72	− 4 25.9	3.484	4.476	2.5	21.4
9 18	23 45.91	− 5 1.1	3.476	4.480	0.7	21.3
9 28	23 40.08	− 5 34.3	3.499	4.483	2.7	21.5
10 8	23 34.68	− 6 3.0	3.551	4.487	5.0	21.6
10 18	23 30.10	− 6 24.9	3.631	4.490	7.2	21.8
10 28	23 26.65	− 6 38.5	3.736	4.493	9.0	21.9

147257 2002 XO_{91} 9 18.8 87.°22 5.°6/13.9 18

8 19	0 9.10	−12 39.2	1.490	2.403	13.3	19.7
8 29	0 3.16	−13 56.2	1.450	2.411	9.5	19.5
9 8	23 55.20	−15 11.6	1.433	2.420	6.3	19.4
9 18	23 46.16	−16 15.9	1.442	2.428	5.9	19.4
9 28	23 37.25	−17 1.3	1.477	2.437	8.7	19.6
10 8	23 29.61	−17 22.9	1.536	2.446	12.3	19.8
10 18	23 24.09	−17 20.0	1.617	2.454	15.6	20.0
10 28	23 21.19	−16 54.4	1.716	2.462	18.4	20.3

244760 2003 ST_{89} 9 18.8 29.°16 5.°1/22.6 18

8 19	0 10.14	+10 29.6	1.454	2.314	16.7	19.6
8 29	0 4.08	+11 5.9	1.397	2.321	12.9	19.4
9 8	23 55.80	+11 21.6	1.360	2.329	8.9	19.2
9 18	23 46.23	+11 17.2	1.348	2.337	5.6	19.0
9 28	23 36.60	+10 56.0	1.361	2.346	5.8	19.1
10 8	23 28.18	+10 24.7	1.399	2.356	9.1	19.3
10 18	23 21.95	+ 9 50.5	1.461	2.365	12.9	19.6
10 28	23 18.53	+ 9 20.6	1.544	2.376	16.3	19.8

371903 2008 CM_{175} 9 18.8 268.°03 1.°6/17.6 18

8 19	0 11.35	− 3 48.7	1.450	2.351	14.4	21.1
8 29	0 5.06	− 4 15.2	1.380	2.339	10.1	20.8
9 8	23 56.42	− 4 50.2	1.333	2.327	5.3	20.5
9 18	23 46.28	− 5 27.8	1.311	2.315	1.6	20.2
9 28	23 35.92	− 6 0.9	1.316	2.302	5.8	20.5
10 8	23 26.68	− 6 22.9	1.346	2.290	10.7	20.7
10 18	23 19.63	− 6 29.6	1.399	2.277	15.1	21.0
10 28	23 15.49	− 6 19.0	1.471	2.265	18.9	21.2

478728 2012 UX_{63} 9 18.8 318.°96 0.°6/18.3 18

8 19	0 3.43	+ 0 33.8	1.377	2.282	14.7	20.2
8 29	23 59.62	− 0 21.2	1.299	2.259	10.4	19.9
9 8	23 53.59	− 1 33.5	1.242	2.237	5.6	19.6
9 18	23 46.08	− 2 56.5	1.210	2.215	0.6	19.2
9 28	23 38.23	− 4 20.7	1.203	2.193	5.4	19.4
10 8	23 31.32	− 5 35.6	1.221	2.173	10.7	19.7
10 18	23 26.41	− 6 32.9	1.261	2.153	15.5	19.9
10 28	23 24.27	− 7 7.5	1.319	2.134	19.5	20.1

170145 2003 BF_{1} 9 18.8 322.°13 1.°9/17.0 18

8 19	0 3.28	− 2 57.1	1.501	2.410	13.4	19.4
8 29	23 59.36	− 3 55.9	1.423	2.387	9.4	19.1
9 8	23 53.39	− 5 6.9	1.368	2.363	4.9	18.8
9 18	23 46.06	− 6 23.1	1.338	2.341	2.0	18.5
9 28	23 38.45	− 7 35.3	1.334	2.319	5.9	18.7
10 8	23 31.70	− 8 34.9	1.354	2.298	10.7	18.9
10 18	23 26.81	− 9 15.5	1.398	2.278	15.0	19.1
10 28	23 24.50	− 9 33.7	1.460	2.258	18.7	19.3

274988 2009 TG_{9} 9 18.8 320.°55 0.°1/18.5 18

8 19	23 59.57	− 1 9.9	3.954	4.832	6.6	20.0
8 29	23 55.64	− 1 29.1	3.877	4.825	4.6	19.9
9 8	23 50.97	− 1 52.5	3.828	4.819	2.4	19.7
9 18	23 45.87	− 2 18.0	3.807	4.812	0.2	19.5
9 28	23 40.74	− 2 43.4	3.817	4.806	2.2	19.7
10 8	23 35.95	− 3 6.2	3.857	4.799	4.4	19.8
10 18	23 31.87	− 3 24.4	3.924	4.793	6.4	20.0
10 28	23 28.77	− 3 36.4	4.016	4.787	8.2	20.1

300547 2007 TD_{263} 9 18.8 67.°37 2.°5/16.6 18

8 19	0 8.57	− 6 26.6	1.701	2.604	12.5	20.3
8 29	0 2.57	− 7 5.8	1.655	2.615	8.6	20.1
9 8	23 54.82	− 7 49.0	1.634	2.627	4.6	19.9
9 18	23 46.16	− 8 30.1	1.638	2.639	2.5	19.8
9 28	23 37.60	− 9 3.0	1.671	2.651	5.6	20.0
10 8	23 30.14	− 9 23.1	1.729	2.663	9.5	20.2
10 18	23 24.54	− 9 27.9	1.811	2.675	12.9	20.5
10 28	23 21.26	− 9 16.6	1.914	2.687	15.8	20.7

25842 2000 EQ_{78} 9 18.8 280.°00 3.°0/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 3.26	− 8 14.7	2.293	3.195	9.7	18.1
8 29	23 58.71	− 9 25.6	2.221	3.181	6.8	17.9
9 8	23 52.78	−10 40.3	2.176	3.167	3.9	17.7
9 18	23 46.01	−11 53.1	2.159	3.153	3.2	17.6
9 28	23 39.13	−12 57.6	2.170	3.139	5.6	17.7
10 8	23 32.87	−13 48.8	2.209	3.125	8.7	17.9
10 18	23 27.89	−14 23.3	2.272	3.110	11.6	18.1
10 28	23 24.68	−14 39.8	2.356	3.096	14.1	18.2

133925 2004 SN_{28} 9 18.8 310.°90 0.°2/18.9 18

8 19	0 4.63	+ 1 1.6	1.933	2.820	12.0	20.3
8 29	23 59.89	+ 0 32.5	1.854	2.805	8.5	20.1
9 8	23 53.50	− 0 7.6	1.800	2.791	4.6	19.8
9 18	23 46.07	− 0 54.9	1.772	2.776	0.5	19.5
9 28	23 38.47	− 1 43.8	1.771	2.762	3.9	19.7
10 8	23 31.60	− 2 28.4	1.798	2.748	8.0	19.9
10 18	23 26.24	− 3 3.6	1.850	2.735	11.7	20.1
10 28	23 22.97	− 3 25.7	1.923	2.721	14.9	20.3

347023 2010 EZ_{38} 9 18.8 127.°44 2.°7/21.5 18

8 19	0 9.22	+ 8 0.6	2.014	2.868	13.0	21.1
8 29	0 2.91	+ 7 53.8	1.953	2.879	9.7	20.9
9 8	23 54.99	+ 7 32.0	1.915	2.890	6.2	20.7
9 18	23 46.18	+ 6 57.7	1.904	2.901	3.1	20.5
9 28	23 37.37	+ 6 15.1	1.921	2.911	3.8	20.6
10 8	23 29.47	+ 5 29.9	1.966	2.920	7.1	20.8
10 18	23 23.18	+ 4 47.6	2.038	2.930	10.5	21.0
10 28	23 19.03	+ 4 12.9	2.133	2.938	13.4	21.3

134113 2004 XF_{178} 9 18.8 158.°70 1.°4/17.5 18

8 19	0 8.08	− 3 22.8	1.906	2.799	11.8	20.5
8 29	0 2.18	− 4 2.6	1.846	2.802	8.2	20.2
9 8	23 54.64	− 4 49.3	1.811	2.805	4.3	20.0
9 18	23 46.16	− 5 37.7	1.804	2.807	1.4	19.8
9 28	23 37.67	− 6 21.9	1.825	2.809	4.7	20.1
10 8	23 30.09	− 6 56.5	1.873	2.811	8.5	20.3
10 18	23 24.16	− 7 18.0	1.946	2.813	12.0	20.5
10 28	23 20.40	− 7 24.5	2.040	2.815	14.9	20.7

175814 1999 RC_{210} 9 18.8 266.°94 0.°1/18.8 18

8 19	0 19.78	− 2 37.5	1.630	2.509	14.2	18.6
8 29	0 11.07	− 2 9.3	1.541	2.488	10.3	18.3
9 8	23 59.71	− 1 46.1	1.477	2.467	5.6	18.0
9 18	23 46.56	− 1 25.4	1.440	2.445	0.5	17.5
9 28	23 32.95	− 1 4.4	1.433	2.423	4.9	17.8
10 8	23 20.33	− 0 39.8	1.454	2.400	9.9	18.1
10 18	23 9.94	− 0 9.2	1.501	2.376	14.5	18.3
10 28	23 2.63	+ 0 29.3	1.569	2.353	18.3	18.5

390328 2013 BJ_{60} 9 18.8 290.°86 2.°2/14.3 18

8 19	23 58.80	−12 5.0	4.278	5.176	5.7	20.8
8 29	23 55.07	−12 42.9	4.216	5.171	4.0	20.7
9 8	23 50.66	−13 20.4	4.181	5.167	2.6	20.5
9 18	23 45.86	−13 54.9	4.176	5.163	2.3	20.5
9 28	23 41.05	−14 24.0	4.200	5.158	3.6	20.6
10 8	23 36.58	−14 45.6	4.252	5.154	5.3	20.7
10 18	23 32.75	−14 58.4	4.331	5.150	6.9	20.9
10 28	23 29.86	−15 1.7	4.434	5.145	8.3	21.0

53900 2000 FV_{49} 9 18.8 158.°91 3.°3/21.6 18

8 19	0 10.76	+ 9 7.0	1.522	2.385	16.0	19.0
8 29	0 4.45	+ 8 47.1	1.459	2.390	12.0	18.7
9 8	23 56.00	+ 8 5.8	1.418	2.395	7.7	18.5
9 18	23 46.27	+ 7 6.4	1.401	2.399	3.8	18.3
9 28	23 36.48	+ 5 55.7	1.412	2.402	4.6	18.4
10 8	23 27.85	+ 4 42.5	1.449	2.406	8.8	18.6
10 18	23 21.34	+ 3 35.4	1.510	2.408	13.0	18.9
10 28	23 17.56	+ 2 41.1	1.593	2.410	16.6	19.1

515095 2010 VZ_{25} 9 18.8 3.°33 1.°9/17.0 18

8 19	0 4.64	− 4 38.4	1.631	2.538	12.7	20.6
8 29	23 59.98	− 5 17.6	1.575	2.538	8.8	20.4
9 8	23 53.54	− 6 3.4	1.543	2.538	4.6	20.2
9 18	23 46.08	− 6 49.9	1.536	2.539	2.0	20.0
9 28	23 38.60	− 7 30.4	1.556	2.540	5.4	20.2
10 8	23 32.11	− 7 59.0	1.601	2.543	9.5	20.5
10 18	23 27.39	− 8 12.3	1.670	2.546	13.2	20.7
10 28	23 24.98	− 8 8.7	1.759	2.550	16.3	20.9

260344 2004 TG_{259} 9 18.8 241.°40 2.°7/15.7 18

8 19	0 7.40	− 9 51.9	2.490	3.385	9.3	20.6
8 29	0 1.48	−10 22.9	2.419	3.375	6.6	20.5
9 8	23 54.20	−10 54.7	2.375	3.365	3.8	20.3
9 18	23 46.14	−11 23.0	2.360	3.355	2.8	20.2
9 28	23 38.00	−11 43.7	2.374	3.345	5.0	20.3
10 8	23 30.53	−11 53.6	2.416	3.334	7.9	20.5
10 18	23 24.35	−11 50.8	2.483	3.323	10.7	20.7
10 28	23 19.93	−11 34.9	2.573	3.312	13.1	20.8

472764 2015 FY_{120} 9 18.8 157°.52 3°.3/15.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 9.97	− 8 10.9	1.770	2.671	12.2	21.8
8 29	0 3.59	− 9 9.2	1.717	2.676	8.5	21.6
9 8	23 55.40	−10 10.5	1.690	2.681	4.8	21.4
9 18	23 46.22	−11 7.9	1.689	2.686	3.5	21.3
9 28	23 37.08	−11 54.4	1.717	2.690	6.4	21.5
10 8	23 28.98	−12 25.0	1.770	2.693	10.1	21.7
10 18	23 22.73	−12 37.1	1.848	2.696	13.4	22.0
10 28	23 18.85	−12 30.6	1.946	2.699	16.3	22.2

479616 2014 DP_{26} 9 18.8 293°.06 5°.5/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 12.03	+11 25.5	1.638	2.485	15.8	21.0
8 29	0 5.49	+12 11.1	1.559	2.475	12.5	20.8
9 8	23 56.67	+12 38.6	1.502	2.465	8.9	20.5
9 18	23 46.34	+12 46.8	1.470	2.455	6.0	20.4
9 28	23 35.67	+12 37.4	1.464	2.445	6.1	20.3
10 8	23 25.93	+12 15.2	1.484	2.436	9.2	20.5
10 18	23 18.22	+11 47.0	1.529	2.426	12.9	20.7
10 28	23 13.28	+11 20.0	1.595	2.417	16.3	20.9

310541 2001 DT_{3} 9 18.8 176°.11 6°.6/ 7.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 5.37	−27 45.7	3.122	4.000	8.2	21.6
8 29	23 59.92	−29 16.7	3.089	4.003	7.0	21.5
9 8	23 53.31	−30 38.2	3.082	4.005	6.6	21.5
9 18	23 46.07	−31 45.0	3.103	4.006	7.2	21.5
9 28	23 38.80	−32 33.1	3.151	4.007	8.4	21.6
10 8	23 32.13	−33 0.8	3.224	4.007	9.9	21.7
10 18	23 26.59	−33 8.1	3.317	4.007	11.3	21.8
10 28	23 22.59	−32 56.6	3.429	4.006	12.5	21.9

75293 1999 XQ_{28} 9 18.8 47°.78 5°.7/14.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 9.21	−11 39.0	1.244	2.163	14.8	18.3
8 29	0 3.48	−12 51.7	1.207	2.172	10.5	18.1
9 8	23 55.47	−14 3.5	1.192	2.182	6.7	17.9
9 18	23 46.23	−15 4.1	1.201	2.192	6.0	17.9
9 28	23 37.17	−15 44.4	1.235	2.202	9.2	18.1
10 8	23 29.60	−15 59.5	1.292	2.213	13.2	18.4
10 18	23 24.44	−15 48.6	1.369	2.223	16.9	18.6
10 28	23 22.21	−15 14.0	1.464	2.234	20.0	18.9

379151 2009 PA_{17} 9 18.8 26°.17 21°.6/28.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 12.17	−47 31.6	1.076	1.929	21.8	18.7
8 29	0 6.30	−49 36.1	1.089	1.940	21.6	18.8
9 8	23 57.04	−50 49.6	1.117	1.953	21.9	18.9
9 18	23 46.32	−51 4.4	1.158	1.968	22.7	19.0
9 28	23 36.44	−50 20.2	1.213	1.983	23.8	19.1
10 8	23 29.21	−48 44.4	1.280	2.000	25.0	19.3
10 18	23 25.50	−46 27.9	1.357	2.018	26.0	19.5
10 28	23 25.48	−43 41.5	1.445	2.037	26.9	19.7

5919 Patrickmartin 9 18.8 157°.76 0°.0/18.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 4.51	+ 0 15.7	2.680	3.557	9.4	17.7
8 29	23 59.33	− 0 16.9	2.614	3.561	6.6	17.5
9 8	23 53.01	− 0 56.8	2.575	3.565	3.5	17.4
9 18	23 46.06	− 1 40.6	2.564	3.569	0.3	17.1
9 28	23 39.08	− 2 24.3	2.583	3.573	3.0	17.3
10 8	23 32.70	− 3 3.9	2.631	3.576	6.1	17.5
10 18	23 27.47	− 3 36.0	2.707	3.579	8.9	17.7
10 28	23 23.77	− 3 58.2	2.806	3.581	11.2	17.9

267107 2000 AY_{92} 9 18.8 174°.63 15°.1/29.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 17.86	+28 33.3	1.264	2.031	23.8	20.3
8 29	0 10.53	+30 28.1	1.200	2.032	21.1	20.1
9 8	23 59.76	+31 46.6	1.152	2.033	18.4	19.9
9 18	23 46.60	+32 19.8	1.123	2.034	16.1	19.8
9 28	23 32.82	+32 3.8	1.113	2.034	15.1	19.7
10 8	23 20.49	+31 4.2	1.125	2.034	15.7	19.8
10 18	23 11.27	+29 33.8	1.157	2.034	17.7	19.9
10 28	23 6.17	+27 49.1	1.207	2.033	20.3	20.1

16151 1999 XF_{230} 9 18.8 98°.72 2°.6/16.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 11.73	− 7 59.3	1.842	2.739	12.0	17.8
8 29	0 4.66	− 8 24.5	1.797	2.754	8.3	17.6
9 8	23 55.90	− 8 51.5	1.776	2.768	4.6	17.5
9 18	23 46.27	− 9 15.2	1.783	2.782	2.7	17.4
9 28	23 36.80	− 9 30.6	1.818	2.796	5.5	17.6
10 8	23 28.44	− 9 34.2	1.880	2.810	9.1	17.8
10 18	23 21.94	− 9 24.5	1.967	2.823	12.4	18.1
10 28	23 17.74	− 9 1.3	2.075	2.837	15.1	18.3

514019 2014 JP_{85} 9 18.8 56°.94 6°.4/12.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 8.27	−18 19.3	1.840	2.746	11.5	20.6
8 29	0 2.29	−19 19.6	1.805	2.757	8.7	20.5
9 8	23 54.66	−20 12.6	1.794	2.767	6.7	20.4
9 18	23 46.18	−20 51.4	1.809	2.778	6.8	20.4
9 28	23 37.85	−21 10.7	1.850	2.789	8.8	20.6
10 8	23 30.62	−21 8.0	1.916	2.801	11.5	20.8
10 18	23 25.18	−20 44.0	2.004	2.812	14.1	21.0
10 28	23 21.99	−20 0.7	2.111	2.824	16.3	21.2

518362 2017 DA_{112} 9 18.8 261°.94 1°.5/17.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 8.02	− 5 29.1	2.340	3.229	10.1	21.4
8 29	0 2.03	− 5 50.4	2.260	3.215	7.0	21.2
9 8	23 54.56	− 6 15.6	2.207	3.199	3.7	21.0
9 18	23 46.19	− 6 41.0	2.182	3.184	1.5	20.8
9 28	23 37.68	− 7 2.3	2.186	3.168	4.3	21.0
10 8	23 29.83	− 7 15.9	2.218	3.152	7.7	21.2
10 18	23 23.33	− 7 19.1	2.277	3.136	10.8	21.3
10 28	23 18.70	− 7 10.5	2.358	3.120	13.5	21.5

426155 2012 HT_{56} 9 18.8 120°.26 3°.4/16.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 11.91	− 8 3.6	1.550	2.454	13.4	21.6
8 29	0 5.07	− 8 51.3	1.504	2.464	9.3	21.4
9 8	23 56.23	− 9 41.9	1.482	2.474	5.2	21.2
9 18	23 46.31	−10 28.0	1.486	2.484	3.5	21.1
9 28	23 36.52	−11 2.7	1.517	2.494	6.6	21.3
10 8	23 28.00	−11 21.0	1.574	2.503	10.7	21.6
10 18	23 21.61	−11 21.0	1.655	2.512	14.3	21.8
10 28	23 17.86	−11 2.7	1.755	2.520	17.3	22.0

220381 2003 QF_{23} 9 18.8 258°.30 3°.5/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 8.13	+10 12.3	2.391	3.228	11.8	19.6
8 29	0 2.11	+10 31.9	2.310	3.223	9.1	19.4
9 8	23 54.61	+10 38.3	2.253	3.217	6.2	19.2
9 18	23 46.20	+10 32.0	2.223	3.211	3.9	19.0
9 28	23 37.63	+10 15.3	2.221	3.205	4.1	19.0
10 8	23 29.71	+ 9 52.0	2.248	3.199	6.6	19.2
10 18	23 23.12	+ 9 26.4	2.302	3.193	9.4	19.4
10 28	23 18.40	+ 9 3.0	2.381	3.187	12.1	19.5

356236 2009 ST_{323} 9 18.8 329°.39 1°.6/21.9 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	23 58.61	+ 8 16.6	4.002	4.845	7.3	20.7
8 29	23 55.00	+ 7 57.6	3.920	4.840	5.5	20.5
9 8	23 50.66	+ 7 30.4	3.864	4.836	3.5	20.4
9 18	23 45.90	+ 6 56.7	3.836	4.832	1.8	20.3
9 28	23 41.10	+ 6 18.5	3.838	4.828	2.1	20.3
10 8	23 36.64	+ 5 38.6	3.870	4.824	4.0	20.4
10 18	23 32.86	+ 4 59.8	3.930	4.820	5.9	20.6
10 28	23 30.05	+ 4 24.7	4.016	4.816	7.7	20.7

120953 1998 UQ_{22} 9 18.8 339°.79 3°.0/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 4.97	− 8 8.5	1.883	2.789	11.3	19.2
8 29	0 0.10	− 8 52.6	1.821	2.782	7.9	19.0
9 8	23 53.59	− 9 39.8	1.783	2.776	4.4	18.8
9 18	23 46.13	−10 24.3	1.772	2.770	3.1	18.7
9 28	23 38.61	−11 0.1	1.789	2.765	5.9	18.8
10 8	23 31.93	−11 22.4	1.831	2.760	9.4	19.0
10 18	23 26.83	−11 28.6	1.897	2.755	12.7	19.2
10 28	23 23.85	−11 17.7	1.984	2.751	15.5	19.4

312631 2009 UR_{145} 9 18.8 298°.98 4°.8/ 8.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	23 59.58	−26 1.6	4.152	5.037	6.2	20.0
8 29	23 55.70	−26 58.3	4.103	5.026	5.2	19.9
9 8	23 51.04	−27 48.9	4.081	5.015	4.8	19.9
9 18	23 45.93	−28 30.3	4.086	5.005	5.2	19.9
9 28	23 40.79	−28 59.6	4.118	4.994	6.2	19.9
10 8	23 36.03	−29 15.5	4.176	4.984	7.4	20.0
10 18	23 32.01	−29 17.3	4.256	4.973	8.6	20.1
10 28	23 29.05	−29 5.6	4.356	4.963	9.7	20.2

521760 2015 RB_{276} 9 18.8 44°.50 3°.5/15.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 8.74	−10 33.9	1.888	2.791	11.4	20.7
8 29	0 2.60	−11 3.2	1.840	2.799	8.0	20.5
9 8	23 54.84	−11 32.2	1.816	2.807	4.7	20.3
9 18	23 46.22	−11 55.7	1.820	2.815	3.6	20.3
9 28	23 37.70	−12 8.7	1.851	2.823	6.1	20.5
10 8	23 30.18	−12 8.0	1.909	2.832	9.4	20.7
10 18	23 24.38	−11 52.4	1.991	2.841	12.5	20.9
10 28	23 20.77	−11 22.2	2.094	2.850	15.1	21.1

404014 2012 CN_{12} 9 18.8 310°.25 1°.3/19.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 7.50	+ 2 51.7	1.994	2.870	12.2	21.1
8 29	0 1.86	+ 2 51.5	1.918	2.861	8.8	20.9
9 8	23 54.55	+ 2 40.5	1.867	2.853	5.1	20.7
9 18	23 46.21	+ 2 21.4	1.842	2.845	1.5	20.4
9 28	23 37.73	+ 1 57.9	1.845	2.836	3.6	20.5
10 8	23 30.02	+ 1 34.9	1.876	2.829	7.5	20.8
10 18	23 23.85	+ 1 16.6	1.932	2.821	11.1	21.0
10 28	23 19.81	+ 1 6.8	2.011	2.814	14.1	21.2

304216 2006 QU_{138} 9 18.8 358°.10 3°.0/21.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 4.05	+ 7 17.3	1.409	2.293	15.8	20.1
8 29	23 59.88	+ 7 8.2	1.346	2.289	11.8	19.9
9 8	23 53.64	+ 6 39.2	1.304	2.287	7.4	19.6
9 18	23 46.14	+ 5 53.3	1.286	2.285	3.4	19.4
9 28	23 38.53	+ 4 56.9	1.292	2.285	4.5	19.4
10 8	23 31.97	+ 3 58.4	1.323	2.285	8.9	19.7
10 18	23 27.41	+ 3 5.9	1.378	2.287	13.2	20.0
10 28	23 25.47	+ 2 25.9	1.453	2.290	16.9	20.2

417346 2006 DJ_{157} 9 18.8 204°.39 1°.4/17.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 10.92	− 2 18.1	1.450	2.348	14.5	21.8
8 29	0 4.67	− 3 4.2	1.388	2.346	10.2	21.5
9 8	23 56.18	− 4 1.2	1.349	2.343	5.3	21.2
9 18	23 46.34	− 5 2.2	1.336	2.340	1.4	21.0
9 28	23 36.40	− 5 58.8	1.349	2.336	5.6	21.2
10 8	23 27.64	− 6 43.5	1.389	2.332	10.5	21.5
10 18	23 21.06	− 7 11.1	1.451	2.328	14.8	21.8
10 28	23 17.31	− 7 19.3	1.533	2.323	18.4	22.0

409707 2006 BO_{131} 9 18.8 225°.79 2°.9/14.5 18

8 19	0 3.12	− 8 49.5	2.696	3.594	8.6	21.4
8 29	23 58.45	−10 9.1	2.628	3.586	6.0	21.2
9 8	23 52.60	−11 31.6	2.587	3.577	3.6	21.1
9 18	23 46.06	−12 51.6	2.576	3.568	3.1	21.0
9 28	23 39.44	−14 3.5	2.595	3.558	5.2	21.2
10 8	23 33.36	−15 2.8	2.642	3.548	7.9	21.3
10 18	23 28.37	−15 46.5	2.714	3.538	10.4	21.5
10 28	23 24.91	−16 13.4	2.809	3.528	12.5	21.6

300489 2007 TJ_{133} 9 18.8 45°.38 1°.6/17.3 18

8 19	0 7.33	− 3 51.7	1.650	2.552	12.9	21.2
8 29	0 1.82	− 4 31.1	1.599	2.558	8.9	21.0
9 8	23 54.51	− 5 17.6	1.570	2.565	4.6	20.7
9 18	23 46.21	− 6 5.3	1.568	2.572	1.7	20.5
9 28	23 37.94	− 6 47.4	1.593	2.579	5.2	20.8
10 8	23 30.73	− 7 18.3	1.645	2.586	9.3	21.1
10 18	23 25.36	− 7 34.5	1.719	2.593	13.0	21.3
10 28	23 22.34	− 7 34.3	1.815	2.601	16.1	21.5

317250 2002 CA_{291} 9 18.8 255°.77 5°.1/15.1 18

8 19	0 12.34	−11 27.6	1.393	2.304	14.2	20.6
8 29	0 5.80	−12 20.6	1.334	2.295	10.1	20.4
9 8	23 56.83	−13 14.1	1.297	2.286	6.3	20.1
9 18	23 46.40	−13 59.5	1.285	2.278	5.3	20.1
9 28	23 35.85	−14 28.2	1.299	2.269	8.5	20.2
10 8	23 26.57	−14 34.9	1.338	2.259	12.8	20.5
10 18	23 19.65	−14 18.3	1.398	2.250	16.7	20.7
10 28	23 15.75	−13 39.5	1.476	2.240	20.1	20.9

376840 2001 QG_{161} 9 18.8 26°.86 0°.3/19.1 17

8 19	0 7.63	+ 0 50.3	1.125	2.033	17.0	19.8
8 29	0 2.55	+ 0 31.3	1.082	2.043	12.0	19.5
9 8	23 55.07	− 0 2.8	1.060	2.054	6.5	19.3
9 18	23 46.26	− 0 45.9	1.061	2.065	0.7	18.9
9 28	23 37.56	− 1 29.5	1.085	2.078	5.2	19.3
10 8	23 30.38	− 2 5.3	1.133	2.091	10.5	19.6
10 18	23 25.67	− 2 27.4	1.203	2.106	15.2	20.0
10 28	23 23.99	− 2 32.4	1.291	2.121	19.0	20.3

221862 2008 GD_{65} 9 18.8 71°.84 1°.7/17.4 17

8 19	0 9.72	− 2 48.5	1.383	2.286	14.7	20.5
8 29	0 3.61	− 3 40.9	1.345	2.305	10.2	20.3
9 8	23 55.47	− 4 42.2	1.330	2.324	5.3	20.1
9 18	23 46.29	− 5 44.7	1.340	2.343	1.7	19.9
9 28	23 37.32	− 6 40.1	1.376	2.362	5.7	20.2
10 8	23 29.73	− 7 21.4	1.438	2.381	10.2	20.5
10 18	23 24.34	− 7 45.0	1.522	2.400	14.2	20.8
10 28	23 21.63	− 7 49.3	1.627	2.419	17.4	21.1

252066 2000 ST_{139} 9 18.8 319°.65 2°.3/20.2 18

8 19	0 10.66	+ 3 36.8	1.214	2.107	17.1	19.7
8 29	0 4.95	+ 3 49.3	1.147	2.097	12.6	19.5
9 8	23 56.55	+ 3 45.1	1.100	2.088	7.5	19.1
9 18	23 46.40	+ 3 26.8	1.077	2.079	2.6	18.8
9 28	23 35.97	+ 3 0.0	1.078	2.071	5.1	19.0
10 8	23 26.80	+ 2 32.3	1.103	2.063	10.5	19.3
10 18	23 20.15	+ 2 10.8	1.150	2.056	15.5	19.5
10 28	23 16.80	+ 2 1.4	1.216	2.049	19.8	19.8

144295 2004 CK_{128} 9 18.8 125°.74 0°.7/19.5 17

8 19	0 9.72	+ 3 1.3	1.675	2.555	13.9	21.0
8 29	0 3.48	+ 2 24.5	1.620	2.567	9.9	20.7
9 8	23 55.40	+ 1 33.8	1.589	2.578	5.5	20.5
9 18	23 46.30	+ 0 34.4	1.585	2.589	1.0	20.2
9 28	23 37.25	− 0 27.0	1.608	2.599	4.1	20.5
10 8	23 29.29	− 1 23.1	1.658	2.609	8.4	20.8
10 18	23 23.23	− 2 8.2	1.733	2.618	12.3	21.0
10 28	23 19.60	− 2 38.5	1.830	2.627	15.5	21.3

482663 2013 BJ_{73} 9 18.8 294°.52 19°.4/10.3 17

8 19	0 16.97	+52 42.8	2.127	2.618	21.6	21.5
8 29	0 10.47	+54 57.3	2.030	2.589	21.2	21.3
9 8	0 0.21	+56 42.3	1.944	2.559	20.6	21.2
9 18	23 46.74	+57 48.6	1.870	2.530	20.1	21.1
9 28	23 31.55	+58 8.5	1.808	2.501	19.6	21.0
10 8	23 16.87	+57 39.2	1.761	2.471	19.4	20.9
10 18	23 4.93	+56 24.0	1.727	2.441	19.5	20.8
10 28	22 57.38	+54 32.0	1.709	2.412	19.9	20.8

126334 2002 AW_{152} 9 18.8 199°.05 2°.7/16.1 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 7.28	− 6 6.2	1.765	2.667	12.1	20.0
8 29	0 1.79	− 7 10.1	1.706	2.666	8.4	19.8
9 8	23 54.54	− 8 19.7	1.672	2.665	4.6	19.5
9 18	23 46.25	− 9 28.2	1.664	2.664	2.9	19.4
9 28	23 37.92	−10 28.0	1.684	2.662	6.0	19.6
10 8	23 30.53	−11 12.9	1.731	2.660	9.8	19.9
10 18	23 24.89	−11 39.5	1.801	2.658	13.4	20.1
10 28	23 21.53	−11 46.4	1.892	2.655	16.3	20.3

404882 2014 KV_{58} 9 18.8 111°.87 0°.9/17.7 18

8 19	0 5.15	− 1 17.0	2.228	3.115	10.6	21.3
8 29	23 59.93	− 2 17.0	2.176	3.129	7.3	21.1
9 8	23 53.40	− 3 24.7	2.150	3.143	3.8	20.9
9 18	23 46.16	− 4 34.8	2.152	3.156	0.9	20.7
9 28	23 38.98	− 5 41.5	2.184	3.169	3.9	21.0
10 8	23 32.56	− 6 39.4	2.244	3.182	7.3	21.2
10 18	23 27.52	− 7 24.6	2.329	3.195	10.4	21.4
10 28	23 24.26	− 7 54.9	2.438	3.207	12.9	21.6

238606 2005 AR_{67} 9 18.8 317°.41 0°.5/19.3 18

8 19	0 5.38	+ 2 24.5	1.543	2.435	14.2	20.5
8 29	0 0.75	+ 1 46.9	1.472	2.424	10.2	20.2
9 8	23 54.12	+ 0 53.7	1.423	2.414	5.6	19.9
9 18	23 46.24	− 0 9.8	1.400	2.405	0.8	19.6
9 28	23 38.18	− 1 16.3	1.403	2.395	4.4	19.8
10 8	23 31.06	− 2 17.4	1.432	2.386	9.2	20.1
10 18	23 25.81	− 3 6.4	1.484	2.377	13.5	20.3
10 28	23 23.09	− 3 38.3	1.557	2.369	17.1	20.5

212478 2006 QK_{72} 9 18.8 54°.26 0°.2/18.6 18

8 19	0 7.80	− 0 37.7	1.798	2.688	12.6	20.1
8 29	0 2.09	− 1 0.9	1.739	2.692	8.9	19.9
9 8	23 54.67	− 1 33.3	1.704	2.696	4.7	19.6
9 18	23 46.28	− 2 10.5	1.695	2.700	0.4	19.3
9 28	23 37.87	− 2 47.1	1.714	2.704	4.1	19.6
10 8	23 30.42	− 3 17.5	1.761	2.709	8.3	19.9
10 18	23 24.68	− 3 37.8	1.832	2.713	12.0	20.1
10 28	23 21.20	− 3 45.0	1.924	2.718	15.0	20.3

139172 2001 FQ_{129} 9 18.8 108°.16 1°.7/17.3 17

8 19	0 10.96	− 3 25.8	1.618	2.514	13.4	19.9
8 29	0 4.31	− 4 16.5	1.575	2.532	9.3	19.7
9 8	23 55.81	− 5 14.6	1.556	2.550	4.8	19.5
9 18	23 46.36	− 6 13.2	1.564	2.567	1.7	19.3
9 28	23 37.07	− 7 5.2	1.599	2.583	5.3	19.6
10 8	23 29.00	− 7 44.6	1.661	2.599	9.5	19.9
10 18	23 22.93	− 8 7.9	1.747	2.615	13.2	20.2
10 28	23 19.33	− 8 13.8	1.853	2.630	16.2	20.4

436897 2012 TZ_{54} 9 18.8 357°.89 2°.9/20.9 18

8 19	0 5.25	+ 5 34.2	1.175	2.072	17.3	20.0
8 29	0 1.04	+ 5 42.4	1.117	2.068	12.9	19.8
9 8	23 54.40	+ 5 30.8	1.078	2.064	7.9	19.5
9 18	23 46.27	+ 5 2.0	1.061	2.062	3.4	19.2
9 28	23 37.98	+ 4 22.6	1.068	2.062	5.0	19.3
10 8	23 30.97	+ 3 41.1	1.099	2.063	10.0	19.6
10 18	23 26.30	+ 3 5.6	1.151	2.065	14.7	19.9
10 28	23 24.67	+ 2 42.7	1.221	2.069	18.8	20.2

407653 2011 QF_{3} 9 18.8 284°.25 0°.4/18.5 18

8 19	0 13.01	+ 2 21.6	1.583	2.462	14.6	20.8
8 29	0 6.73	+ 1 7.0	1.466	2.414	10.6	20.4
9 8	23 57.72	− 0 31.1	1.373	2.364	5.8	20.0
9 18	23 46.56	− 2 27.6	1.307	2.312	0.5	19.5
9 28	23 34.37	− 4 32.3	1.270	2.258	5.7	19.7
10 8	23 22.61	− 6 32.6	1.260	2.202	11.5	19.9
10 18	23 12.70	− 8 16.7	1.276	2.144	17.0	20.1
10 28	23 5.79	− 9 36.3	1.311	2.084	21.8	20.2

337440 2001 RS_{47} 9 18.8 333°.63 2°.5/16.2 14 C

8 19	23 58.80	+ 6 15.8	0.877	1.795	19.6	19.7
8 29	23 56.97	+ 2 33.4	0.818	1.786	13.6	19.3
9 8	23 52.43	− 1 57.7	0.781	1.778	6.8	18.9
9 18	23 46.12	− 6 53.8	0.768	1.771	2.9	18.7
9 28	23 39.59	−11 39.9	0.781	1.765	9.4	19.0
10 8	23 34.46	−15 44.2	0.819	1.759	16.2	19.4
10 18	23 31.99	−18 48.6	0.876	1.754	21.9	19.7
10 28	23 32.90	−20 49.3	0.949	1.751	26.3	20.0

353517 2011 SE_{120} 9 18.8 297°.90 1°.7/17.2 18

8 19	0 5.57	− 3 18.7	1.741	2.642	12.3	20.6
8 29	0 0.76	− 4 10.2	1.665	2.624	8.6	20.3
9 8	23 54.09	− 5 11.1	1.613	2.607	4.5	20.0
9 18	23 46.25	− 6 15.5	1.587	2.590	1.7	19.8
9 28	23 38.19	− 7 15.8	1.588	2.572	5.3	20.0
10 8	23 30.94	− 8 5.2	1.615	2.555	9.6	20.2
10 18	23 25.38	− 8 38.6	1.666	2.538	13.5	20.4
10 28	23 22.14	− 8 53.4	1.738	2.522	16.8	20.6

255265 2005 VH_{41} 9 18.8 284°.22 3°.8/14.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 5.84	−11 20.5	2.104	3.009	10.4	20.8
8 29	0 0.59	−12 15.6	2.046	3.005	7.3	20.6
9 8	23 53.83	−13 10.9	2.013	3.001	4.6	20.4
9 18	23 46.22	−14 0.6	2.007	2.997	4.1	20.4
9 28	23 38.57	−14 39.0	2.029	2.993	6.4	20.5
10 8	23 31.72	−15 2.0	2.077	2.989	9.4	20.7
10 18	23 26.33	−15 7.6	2.150	2.985	12.3	20.9
10 28	23 22.91	−14 55.8	2.243	2.981	14.8	21.1

167470 2003 YK_{35} 9 18.8 359°.31 1°.3/17.8 18

8 19	0 7.30	− 3 6.1	1.516	2.420	13.7	19.5
8 29	0 2.02	− 3 34.6	1.458	2.419	9.6	19.3
9 8	23 54.74	− 4 11.6	1.423	2.418	5.0	19.0
9 18	23 46.30	− 4 51.3	1.413	2.417	1.3	18.7
9 28	23 37.81	− 5 27.1	1.430	2.417	5.2	19.0
10 8	23 30.40	− 5 52.9	1.471	2.418	9.7	19.3
10 18	23 24.97	− 6 4.6	1.536	2.419	13.8	19.5
10 28	23 22.09	− 6 0.1	1.621	2.421	17.1	19.8

404164 2013 CC_{71} 9 18.8 206°.74 5°.7/11.5 18

8 19	0 5.44	−16 38.7	2.153	3.059	10.1	21.1
8 29	0 0.32	−18 12.2	2.103	3.056	7.6	21.0
9 8	23 53.70	−19 42.2	2.079	3.053	5.9	20.9
9 18	23 46.22	−21 1.3	2.083	3.050	6.2	20.9
9 28	23 38.70	−22 2.8	2.114	3.047	8.3	21.0
10 8	23 31.96	−22 42.6	2.171	3.043	10.9	21.2
10 18	23 26.68	−22 59.5	2.250	3.039	13.3	21.3
10 28	23 23.36	−22 54.4	2.347	3.035	15.4	21.5

511561 2014 WT_{58} 9 18.8 242°.46 2°.3/17.1 17

8 19	0 11.73	− 4 50.9	1.379	2.283	14.7	21.8
8 29	0 5.41	− 5 31.2	1.316	2.277	10.3	21.5
9 8	23 56.68	− 6 19.6	1.276	2.270	5.5	21.3
9 18	23 46.47	− 7 8.9	1.260	2.263	2.4	21.0
9 28	23 36.12	− 7 51.0	1.271	2.255	6.4	21.3
10 8	23 26.99	− 8 18.7	1.307	2.248	11.3	21.5
10 18	23 20.17	− 8 28.2	1.366	2.240	15.7	21.8
10 28	23 16.34	− 8 17.8	1.443	2.232	19.3	22.0

170331 2003 SV_{101} 9 18.8 291°.14 3°.7/21.5 18

8 19	0 9.37	+ 8 4.6	1.370	2.244	16.7	19.9
8 29	0 3.87	+ 8 7.8	1.297	2.235	12.7	19.7
9 8	23 55.94	+ 7 50.1	1.246	2.225	8.2	19.4
9 18	23 46.43	+ 7 13.2	1.217	2.215	4.1	19.1
9 28	23 36.62	+ 6 22.7	1.215	2.206	5.1	19.2
10 8	23 27.92	+ 5 27.0	1.237	2.197	9.6	19.4
10 18	23 21.45	+ 4 34.7	1.282	2.187	14.3	19.6
10 28	23 17.97	+ 3 53.6	1.347	2.178	18.3	19.9

316118 2009 QY_{22} 9 18.8 49°.12 0°.0/18.8 18

8 19	0 9.95	− 1 11.8	1.842	2.729	12.5	19.7
8 29	0 3.44	− 1 11.8	1.796	2.747	8.8	19.6
9 8	23 55.32	− 1 19.2	1.774	2.765	4.7	19.4
9 18	23 46.36	− 1 30.7	1.780	2.784	0.4	19.1
9 28	23 37.54	− 1 42.2	1.813	2.804	3.9	19.4
10 8	23 29.78	− 1 49.6	1.874	2.823	7.8	19.7
10 18	23 23.79	− 1 50.0	1.961	2.843	11.3	19.9
10 28	23 20.02	− 1 41.0	2.069	2.862	14.1	20.2

292636 2006 UM_{29} 9 18.8 133°.62 0°.5/18.4 17

8 19	0 10.62	− 0 27.9	1.649	2.538	13.6	21.2
8 29	0 4.16	− 1 6.4	1.595	2.548	9.5	21.0
9 8	23 55.81	− 1 55.4	1.565	2.557	5.0	20.7
9 18	23 46.41	− 2 49.3	1.561	2.566	0.5	20.4
9 28	23 37.05	− 3 41.3	1.586	2.575	4.6	20.8
10 8	23 28.81	− 4 24.9	1.637	2.582	9.0	21.0
10 18	23 22.53	− 4 55.3	1.712	2.590	12.9	21.3
10 28	23 18.73	− 5 10.0	1.809	2.597	16.0	21.5

36035 Petrvok 9 18.8 209°.87 2°.1/16.3 18 R

8 19	0 5.57	− 3 29.4	1.943	2.840	11.5	17.8
8 29	0 0.53	− 4 56.7	1.877	2.836	7.9	17.6
9 8	23 53.87	− 6 33.0	1.837	2.831	4.2	17.4
9 18	23 46.26	− 8 11.1	1.826	2.827	2.3	17.2
9 28	23 38.56	− 9 42.7	1.843	2.821	5.4	17.4
10 8	23 31.65	−11 0.3	1.887	2.816	9.2	17.6
10 18	23 26.28	−11 59.3	1.957	2.810	12.6	17.8
10 28	23 22.99	−12 37.2	2.047	2.804	15.4	18.0

139387 2001 NH_3 9 18.8 24°.11 3°.5/15.3 18

8 19	0 5.11	− 7 42.5	1.677	2.587	12.2	19.5
8 29	0 0.32	− 8 55.2	1.627	2.590	8.5	19.3
9 8	23 53.77	−10 12.1	1.600	2.593	4.8	19.1
9 18	23 46.25	−11 25.4	1.600	2.597	3.7	19.0
9 28	23 38.73	−12 27.1	1.627	2.600	6.7	19.2
10 8	23 32.20	−13 11.2	1.679	2.604	10.4	19.5
10 18	23 27.42	−13 34.7	1.755	2.608	13.8	19.7
10 28	23 24.90	−13 36.9	1.850	2.613	16.6	19.9

513475 2009 DK_7 9 18.8 183°.81 0°.4/18.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 7.11	− 0 38.0	2.146	3.030	11.1	22.5
8 29	0 1.45	− 1 13.4	2.079	3.030	7.8	22.3
9 8	23 54.30	− 1 57.2	2.038	3.030	4.1	22.0
9 18	23 46.30	− 2 45.3	2.025	3.029	0.4	21.7
9 28	23 38.24	− 3 32.4	2.040	3.029	3.8	22.0
10 8	23 30.95	− 4 13.4	2.084	3.028	7.5	22.2
10 18	23 25.11	− 4 44.4	2.153	3.026	10.8	22.4
10 28	23 21.21	− 5 2.7	2.245	3.024	13.6	22.6

129097 2004 XX_1 9 18.8 228°.12 7°.4/28.2 18

8 19	0 6.30	+24 35.6	2.436	3.188	14.0	19.6
8 29	0 0.96	+25 2.8	2.353	3.186	12.0	19.5
9 8	23 54.10	+25 8.5	2.291	3.184	9.9	19.4
9 18	23 46.29	+24 51.3	2.253	3.182	8.2	19.2
9 28	23 38.31	+24 12.6	2.240	3.180	7.4	19.2
10 8	23 30.98	+23 16.4	2.253	3.178	8.1	19.2
10 18	23 25.03	+22 8.7	2.293	3.176	9.8	19.3
10 28	23 20.99	+20 56.5	2.356	3.173	11.9	19.5

151319 2002 CT_{125} 9 18.8 209°.30 2°.9/21.9 18

8 19	0 7.09	+ 8 36.9	2.168	3.019	12.3	20.3
8 29	0 1.48	+ 8 38.9	2.095	3.018	9.3	20.1
9 8	23 54.35	+ 8 26.7	2.045	3.018	6.1	19.9
9 18	23 46.31	+ 8 2.1	2.023	3.017	3.3	19.8
9 28	23 38.17	+ 7 28.4	2.028	3.017	3.8	19.8
10 8	23 30.77	+ 6 50.5	2.062	3.016	6.8	20.0
10 18	23 24.81	+ 6 13.4	2.122	3.016	10.0	20.2
10 28	23 20.81	+ 5 41.9	2.205	3.015	12.8	20.4

33481 1999 GH_1 9 18.8 147°.89 4°.6/15.1 18

8 19	0 11.88	−10 24.1	1.493	2.400	13.6	19.0
8 29	0 5.22	−11 27.7	1.445	2.406	9.6	18.7
9 8	23 56.43	−12 32.4	1.422	2.411	5.8	18.5
9 18	23 46.47	−13 29.4	1.424	2.416	4.8	18.5
9 28	23 36.58	−14 10.8	1.452	2.421	7.8	18.7
10 8	23 27.98	−14 31.5	1.506	2.425	11.8	18.9
10 18	23 21.57	−14 30.0	1.582	2.429	15.4	19.2
10 28	23 17.91	−14 7.2	1.676	2.432	18.4	19.4

238677 2005 EN_{201} 9 18.8 271°.14 8°.2/10.5 18

8 19	0 10.04	−22 44.3	1.832	2.732	11.9	20.1
8 29	0 3.87	−23 59.6	1.777	2.718	9.6	19.9
9 8	23 55.74	−25 5.3	1.745	2.703	8.3	19.8
9 18	23 46.43	−25 53.1	1.739	2.689	8.8	19.8
9 28	23 37.03	−26 16.2	1.759	2.674	10.8	19.9
10 8	23 28.66	−26 11.7	1.801	2.659	13.5	20.1
10 18	23 22.18	−25 40.3	1.865	2.644	16.1	20.2
10 28	23 18.20	−24 45.0	1.946	2.629	18.4	20.4

228169 2009 SP_{204} 9 18.8 242°.26 0°.8/19.8 18

8 19	0 4.30	+ 3 15.4	2.596	3.465	9.9	21.0
8 29	23 59.36	+ 2 47.4	2.515	3.456	7.2	20.8
9 8	23 53.17	+ 2 9.5	2.460	3.446	4.1	20.6
9 18	23 46.23	+ 1 24.8	2.433	3.437	1.0	20.4
9 28	23 39.19	+ 0 37.3	2.435	3.427	2.9	20.5
10 8	23 32.71	− 0 8.7	2.467	3.417	6.1	20.7
10 18	23 27.36	− 0 48.9	2.525	3.406	9.1	20.9
10 28	23 23.60	− 1 20.1	2.607	3.396	11.7	21.0

187716 2008 ED_{81} 9 18.8 59°.81 0°.2/18.7 16

8 19	0 13.01	− 0 41.8	1.270	2.168	16.1	20.5
8 29	0 5.99	− 0 58.1	1.237	2.193	11.3	20.3
9 8	23 56.77	− 1 25.5	1.226	2.218	6.0	20.0
9 18	23 46.51	− 1 58.3	1.239	2.244	0.4	19.7
9 28	23 36.58	− 2 29.4	1.279	2.270	5.0	20.1
10 8	23 28.27	− 2 52.5	1.343	2.295	9.9	20.5
10 18	23 22.41	− 3 3.3	1.431	2.321	14.1	20.8
10 28	23 19.47	− 2 59.8	1.538	2.346	17.5	21.1

494393 2016 UJ_{52} 9 18.9 282°.43 3°.7/15.3 18

8 19	0 7.79	−10 9.6	1.855	2.760	11.5	20.8
8 29	0 2.14	−10 58.8	1.796	2.756	8.1	20.5
9 8	23 54.75	−11 49.2	1.762	2.752	4.8	20.3
9 18	23 46.38	−12 34.6	1.755	2.748	3.9	20.3
9 28	23 37.96	−13 8.6	1.775	2.745	6.5	20.4
10 8	23 30.47	−13 26.9	1.821	2.741	10.0	20.6
10 18	23 24.67	−13 27.3	1.891	2.737	13.3	20.8
10 28	23 21.10	−13 9.8	1.981	2.734	16.0	21.0

339127 2004 RF_{321} 9 18.9 42°.55 5°.0/23.9 16

8 19	0 3.96	+15 17.8	1.317	2.172	18.4	20.2
8 29	23 59.81	+14 28.6	1.268	2.188	14.4	20.0
9 8	23 53.61	+13 8.1	1.239	2.205	9.9	19.8
9 18	23 46.28	+11 21.3	1.233	2.223	6.0	19.7
9 28	23 39.05	+ 9 18.1	1.252	2.242	5.4	19.7
10 8	23 33.09	+ 7 11.9	1.297	2.261	8.8	19.9
10 18	23 29.24	+ 5 14.7	1.366	2.280	12.9	20.2
10 28	23 28.00	+ 3 36.1	1.456	2.300	16.5	20.5

263841 2008 XM_{30} 9 18.9 113°.26 2°.5/21.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 9.04	+ 7 30.3	2.103	2.957	12.5	20.4
8 29	0 2.79	+ 7 27.2	2.042	2.969	9.3	20.2
9 8	23 55.02	+ 7 10.4	2.006	2.982	5.9	20.0
9 18	23 46.40	+ 6 42.0	1.997	2.994	2.9	19.9
9 28	23 37.79	+ 6 6.0	2.016	3.006	3.6	20.0
10 8	23 30.05	+ 5 27.5	2.064	3.018	6.8	20.2
10 18	23 23.85	+ 4 51.5	2.138	3.029	10.1	20.4
10 28	23 19.69	+ 4 22.3	2.236	3.040	12.8	20.6

264345 1999 XN_{59} 9 18.9 358°.00 4°.5/23.8 18

8 19	0 4.07	+13 47.4	1.977	2.813	13.9	19.7
8 29	23 59.52	+13 40.4	1.904	2.812	10.9	19.5
9 8	23 53.38	+13 13.4	1.853	2.811	7.8	19.3
9 18	23 46.27	+12 27.9	1.826	2.811	5.1	19.2
9 28	23 39.06	+11 27.9	1.827	2.811	4.8	19.2
10 8	23 32.63	+10 20.0	1.854	2.811	7.3	19.3
10 18	23 27.70	+ 9 11.2	1.908	2.811	10.4	19.5
10 28	23 24.81	+ 8 8.1	1.984	2.812	13.4	19.7

240991 2006 KF_{53} 9 18.9 188°.14 6°.8/11.3 18

8 19	0 9.37	−20 25.9	2.051	2.950	10.9	21.1
8 29	0 3.13	−21 40.9	2.005	2.949	8.5	20.9
9 8	23 55.23	−22 48.3	1.985	2.949	6.9	20.9
9 18	23 46.42	−23 40.9	1.991	2.947	7.3	20.9
9 28	23 37.63	−24 12.9	2.023	2.946	9.2	21.0
10 8	23 29.78	−24 21.5	2.081	2.944	11.7	21.1
10 18	23 23.63	−24 6.9	2.160	2.941	14.1	21.3
10 28	23 19.65	−23 31.4	2.259	2.938	16.2	21.5

171347 2006 KU_{23} 9 18.9 80°.33 1°.2/19.6 18

8 19	0 15.30	+ 1 45.3	1.293	2.182	16.6	19.8
8 29	0 7.72	+ 1 48.7	1.250	2.200	11.9	19.6
9 8	23 57.79	+ 1 38.2	1.229	2.218	6.6	19.4
9 18	23 46.62	+ 1 18.0	1.233	2.237	1.5	19.1
9 28	23 35.67	+ 0 54.1	1.263	2.255	4.8	19.4
10 8	23 26.32	+ 0 33.1	1.318	2.273	9.8	19.7
10 18	23 19.51	+ 0 20.2	1.397	2.291	14.2	20.0
10 28	23 15.77	+ 0 19.0	1.496	2.308	17.7	20.3

444370 2005 YH_{44} 9 18.9 249°.28 3°.5/23.1 18

8 19	0 4.52	+12 4.1	2.246	3.083	12.4	20.7
8 29	23 59.68	+11 48.2	2.169	3.081	9.6	20.6
9 8	23 53.41	+11 15.2	2.115	3.078	6.6	20.4
9 18	23 46.28	+10 27.0	2.087	3.076	4.0	20.2
9 28	23 39.05	+ 9 27.6	2.087	3.073	4.0	20.2
10 8	23 32.50	+ 8 22.7	2.115	3.070	6.6	20.4
10 18	23 27.29	+ 7 18.3	2.170	3.068	9.6	20.5
10 28	23 23.92	+ 6 20.2	2.248	3.065	12.4	20.7

271025 2003 AQ_{64} 9 18.9 241°.46 2°.3/21.1 17

8 19	0 7.18	+ 7 33.9	1.706	2.573	14.3	20.7
8 29	0 1.94	+ 6 59.7	1.630	2.565	10.7	20.5
9 8	23 54.77	+ 6 6.4	1.576	2.557	6.6	20.2
9 18	23 46.40	+ 4 57.5	1.548	2.548	2.7	20.0
9 28	23 37.84	+ 3 39.7	1.547	2.540	4.0	20.0
10 8	23 30.16	+ 2 21.2	1.574	2.531	8.3	20.3
10 18	23 24.26	+ 1 10.1	1.626	2.521	12.4	20.5
10 28	23 20.77	+ 0 12.7	1.699	2.512	15.9	20.7

377205 2003 WZ_{144} 9 18.9 334°.61 0°.2/18.9 18

8 19	0 3.30	+ 1 4.4	0.989	1.908	17.7	20.2
8 29	0 0.16	+ 0 39.7	0.922	1.888	12.8	19.9
9 8	23 54.21	− 0 4.7	0.875	1.870	7.0	19.5
9 18	23 46.36	− 1 2.9	0.848	1.853	0.7	19.0
9 28	23 38.11	− 2 4.7	0.843	1.837	5.9	19.3
10 8	23 31.13	− 2 58.4	0.860	1.823	12.2	19.6
10 18	23 26.78	− 3 34.7	0.896	1.810	17.8	19.9
10 28	23 25.92	− 3 47.9	0.948	1.800	22.6	20.1

73004 2002 EC_{28} 9 18.9 66°.02 0°.9/17.9 16

8 19	0 4.84	+ 1 14.6	1.560	2.455	13.8	19.5
8 29	0 0.15	− 0 18.5	1.513	2.470	9.6	19.3
9 8	23 53.70	− 2 5.5	1.491	2.485	4.9	19.1
9 18	23 46.31	− 3 57.7	1.496	2.500	0.9	18.8
9 28	23 38.99	− 5 44.7	1.528	2.515	5.0	19.1
10 8	23 32.74	− 7 17.4	1.586	2.530	9.4	19.4
10 18	23 28.33	− 8 29.5	1.669	2.545	13.2	19.7
10 28	23 26.22	− 9 18.1	1.772	2.561	16.3	20.0

223387 2003 SG_{85} 9 18.9 281°.75 11°.9/30.8 18

8 19	0 5.21	+29 15.0	1.225	2.008	23.6	20.2
8 29	0 1.41	+29 11.2	1.145	1.997	20.7	19.9
9 8	23 54.85	+28 19.1	1.080	1.986	17.3	19.7
9 18	23 46.42	+26 33.5	1.032	1.974	14.0	19.4
9 28	23 37.60	+23 56.6	1.006	1.963	12.0	19.3
10 8	23 30.04	+20 41.3	1.002	1.952	12.7	19.3
10 18	23 25.06	+17 8.2	1.022	1.942	15.6	19.4
10 28	23 23.51	+13 40.0	1.064	1.931	19.5	19.6

440377 2005 CC_{36} 9 18.9 200°.91 3°.2/15.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 7.04	− 9 2.8	2.285	3.182	9.9	22.0
8 29	0 1.38	−10 9.6	2.221	3.178	7.0	21.8
9 8	23 54.29	−11 18.9	2.184	3.174	4.1	21.6
9 18	23 46.37	−12 24.8	2.176	3.169	3.3	21.5
9 28	23 38.38	−13 21.4	2.196	3.163	5.7	21.7
10 8	23 31.11	−14 3.9	2.244	3.157	8.8	21.8
10 18	23 25.21	−14 29.9	2.318	3.150	11.6	22.0
10 28	23 21.19	−14 38.3	2.412	3.143	14.0	22.2

252775 2002 EE_{121} 9 18.9 129°.48 0°.1/18.7 18

8 19	0 9.61	− 1 34.5	2.204	3.085	11.0	20.2
8 29	0 3.18	− 1 36.5	2.138	3.086	7.7	20.0
9 8	23 55.24	− 1 44.7	2.098	3.088	4.1	19.8
9 18	23 46.45	− 1 56.2	2.085	3.090	0.3	19.5
9 28	23 37.62	− 2 7.5	2.102	3.092	3.6	19.8
10 8	23 29.60	− 2 15.0	2.148	3.094	7.2	20.0
10 18	23 23.06	− 2 15.9	2.220	3.095	10.4	20.2
10 28	23 18.50	− 2 8.1	2.315	3.097	13.1	20.4

454532 2014 OP_{291} 9 18.9 345°.85 5°.7/12.3 17

8 19	0 5.11	−16 58.0	2.061	2.968	10.4	21.0
8 29	0 0.14	−18 5.8	2.011	2.965	7.8	20.8
9 8	23 53.66	−19 9.1	1.987	2.962	5.9	20.7
9 18	23 46.32	−20 1.4	1.989	2.960	6.1	20.7
9 28	23 38.97	−20 36.8	2.017	2.958	8.1	20.8
10 8	23 32.46	−20 51.9	2.071	2.956	10.8	21.0
10 18	23 27.46	−20 46.1	2.148	2.955	13.3	21.2
10 28	23 24.46	−20 20.3	2.243	2.953	15.5	21.4

121804 2000 AK_{168} 9 18.9 323°.65 1°.5/20.5 18

8 19	0 3.69	+ 5 18.0	2.004	2.877	12.2	19.8
8 29	23 59.24	+ 4 49.4	1.928	2.869	9.0	19.6
9 8	23 53.24	+ 4 6.6	1.876	2.860	5.3	19.4
9 18	23 46.29	+ 3 13.0	1.849	2.852	1.8	19.1
9 28	23 39.21	+ 2 13.9	1.851	2.844	3.4	19.2
10 8	23 32.85	+ 1 15.5	1.880	2.836	7.2	19.5
10 18	23 27.93	+ 0 23.6	1.935	2.829	10.8	19.7
10 28	23 24.98	− 0 16.9	2.012	2.821	13.9	19.9

105975 2000 SJ_{265} 9 18.9 280°.77 0°.8/18.2 18

8 19	0 7.20	+ 0 21.6	1.368	2.269	15.1	19.5
8 29	0 2.34	− 0 39.5	1.295	2.254	10.7	19.2
9 8	23 55.16	− 1 57.6	1.245	2.239	5.7	18.9
9 18	23 46.46	− 3 25.4	1.219	2.224	0.8	18.5
9 28	23 37.47	− 4 52.7	1.220	2.209	5.6	18.8
10 8	23 29.52	− 6 9.0	1.245	2.194	10.9	19.1
10 18	23 23.71	− 7 6.5	1.293	2.179	15.6	19.3
10 28	23 20.77	− 7 40.6	1.359	2.164	19.6	19.5

145114 2005 GJ_{123} 9 18.9 133°.50 0°.2/19.0 16

8 19	0 10.04	+ 1 59.7	1.709	2.591	13.6	21.6
8 29	0 3.72	+ 1 11.2	1.656	2.604	9.6	21.4
9 8	23 55.60	+ 0 9.7	1.626	2.616	5.2	21.2
9 18	23 46.48	− 0 59.0	1.623	2.628	0.5	20.8
9 28	23 37.42	− 2 7.6	1.648	2.638	4.2	21.2
10 8	23 29.44	− 3 8.8	1.701	2.649	8.5	21.5
10 18	23 23.33	− 3 57.1	1.779	2.658	12.3	21.7
10 28	23 19.60	− 4 29.2	1.878	2.667	15.5	21.9

295572 2008 SH_{98} 9 18.9 179°.21 1°.0/19.8 18

8 19	0 7.98	+ 3 28.9	1.782	2.661	13.3	21.3
8 29	0 2.34	+ 3 1.5	1.716	2.661	9.6	21.0
9 8	23 54.92	+ 2 20.4	1.674	2.661	5.4	20.8
9 18	23 46.44	+ 1 29.6	1.658	2.661	1.3	20.5
9 28	23 37.89	+ 0 35.3	1.669	2.661	3.8	20.7
10 8	23 30.25	− 0 16.0	1.708	2.661	8.1	21.0
10 18	23 24.35	− 0 58.6	1.772	2.661	11.9	21.2
10 28	23 20.74	− 1 28.3	1.858	2.660	15.1	21.4

217707 1999 TM_{192} 9 18.9 323°.10 4°.3/23.2 18

8 19	0 5.26	+12 6.3	1.942	2.786	13.8	19.8
8 29	0 0.47	+12 12.2	1.861	2.776	10.8	19.5
9 8	23 53.96	+11 59.8	1.802	2.766	7.6	19.3
9 18	23 46.37	+11 29.8	1.769	2.756	4.9	19.2
9 28	23 38.58	+10 45.9	1.761	2.747	4.8	19.1
10 8	23 31.54	+ 9 53.5	1.781	2.738	7.5	19.3
10 18	23 26.03	+ 8 59.5	1.826	2.729	10.9	19.5
10 28	23 22.66	+ 8 10.1	1.894	2.721	14.0	19.7

315875 2008 JB_{21} 9 18.9 74°.83 3°.1/15.2 18

8 19	0 5.02	− 8 35.1	2.118	3.021	10.4	20.7
8 29	23 59.92	− 9 42.7	2.077	3.037	7.2	20.5
9 8	23 53.47	−10 52.0	2.062	3.053	4.1	20.4
9 18	23 46.32	−11 56.9	2.075	3.070	3.3	20.3
9 28	23 39.26	−12 51.4	2.117	3.086	5.7	20.5
10 8	23 33.03	−13 31.2	2.185	3.102	8.7	20.7
10 18	23 28.25	−13 54.1	2.277	3.118	11.5	21.0
10 28	23 25.31	−13 59.7	2.391	3.134	13.8	21.2

306255 2011 RR_2 9 18.9 67°.03 1°.4/20.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 8.49	+ 3 55.6	1.701	2.580	13.8	21.0
8 29	0 2.65	+ 3 40.1	1.649	2.593	10.0	20.8
9 8	23 55.04	+ 3 11.1	1.620	2.606	5.7	20.6
9 18	23 46.46	+ 2 32.1	1.616	2.619	1.7	20.4
9 28	23 37.94	+ 1 49.0	1.640	2.632	3.8	20.5
10 8	23 30.47	+ 1 8.0	1.691	2.646	8.0	20.8
10 18	23 24.83	+ 0 34.3	1.767	2.659	11.7	21.1
10 28	23 21.52	+ 0 12.1	1.864	2.673	14.9	21.3

220241 2002 XF_{25} 9 18.9 209°.14 2°.0/16.9 18

8 19	0 9.11	− 4 18.9	1.775	2.671	12.4	20.7
8 29	0 3.17	− 5 11.8	1.710	2.667	8.6	20.5
9 8	23 55.39	− 6 12.1	1.669	2.663	4.6	20.2
9 18	23 46.50	− 7 13.6	1.656	2.658	2.1	20.1
9 28	23 37.51	− 8 9.1	1.670	2.652	5.4	20.3
10 8	23 29.47	− 8 52.4	1.711	2.647	9.5	20.5
10 18	23 23.19	− 9 19.4	1.777	2.640	13.2	20.7
10 28	23 19.27	− 9 28.4	1.863	2.634	16.3	20.9

436518 2011 FQ_{63} 9 18.9 182°.25 2°.5/16.6 16

8 19	0 10.60	− 6 35.0	1.864	2.760	11.9	22.2
8 29	0 4.09	− 7 17.8	1.804	2.761	8.3	22.0
9 8	23 55.82	− 8 4.8	1.769	2.761	4.5	21.7
9 18	23 46.53	− 8 50.2	1.761	2.761	2.5	21.6
9 28	23 37.21	− 9 27.9	1.782	2.761	5.5	21.8
10 8	23 28.86	− 9 53.1	1.829	2.759	9.3	22.0
10 18	23 22.27	−10 2.9	1.902	2.758	12.8	22.3
10 28	23 17.98	− 9 56.4	1.995	2.756	15.7	22.5

436752 2011 WP_{136} 9 18.9 229°.36 4°.4/ 8.8 18

8 19	0 0.36	−26 32.4	4.593	5.472	5.7	20.8
8 29	23 56.22	−27 15.2	4.550	5.469	4.8	20.7
9 8	23 51.38	−27 52.1	4.534	5.466	4.4	20.7
9 18	23 46.17	−28 20.3	4.545	5.462	4.7	20.7
9 28	23 40.95	−28 37.6	4.583	5.459	5.6	20.7
10 8	23 36.10	−28 43.1	4.647	5.456	6.7	20.8
10 18	23 31.95	−28 36.3	4.734	5.452	7.8	20.9
10 28	23 28.76	−28 17.7	4.841	5.448	8.8	21.0

473477 2015 XG_{75} 9 18.9 311°.08 1°.3/17.5 17

8 19	0 4.81	− 3 19.6	1.965	2.862	11.3	21.4
8 29	0 0.12	− 3 57.7	1.884	2.841	7.9	21.2
9 8	23 53.77	− 4 43.6	1.827	2.821	4.2	20.9
9 18	23 46.38	− 5 32.5	1.797	2.800	1.4	20.7
9 28	23 38.77	− 6 18.5	1.794	2.780	4.6	20.9
10 8	23 31.85	− 6 56.0	1.819	2.760	8.6	21.1
10 18	23 26.41	− 7 20.6	1.868	2.741	12.2	21.3
10 28	23 23.04	− 7 29.9	1.938	2.722	15.3	21.5

447254 2005 UP_{280} 9 18.9 334°.11 1°.0/17.9 18

8 19	0 5.87	− 2 31.6	1.910	2.805	11.7	21.3
8 29	0 0.78	− 3 4.9	1.845	2.801	8.2	21.0
9 8	23 54.07	− 3 45.9	1.804	2.797	4.3	20.8
9 18	23 46.40	− 4 29.9	1.790	2.794	1.0	20.5
9 28	23 38.65	− 5 11.2	1.803	2.790	4.4	20.8
10 8	23 31.73	− 5 44.5	1.843	2.787	8.3	21.0
10 18	23 26.37	− 6 5.8	1.908	2.784	11.8	21.2
10 28	23 23.11	− 6 12.9	1.995	2.781	14.8	21.4

208124 2000 DS_{43} 9 18.9 228°.33 0°.1/18.9 18

8 19	0 8.03	+ 0 14.8	1.959	2.842	12.0	20.6
8 29	0 2.29	− 0 8.6	1.889	2.838	8.5	20.3
9 8	23 54.87	− 0 41.6	1.844	2.835	4.6	20.1
9 18	23 46.47	− 1 20.3	1.826	2.831	0.4	19.8
9 28	23 37.97	− 1 59.6	1.836	2.826	3.8	20.0
10 8	23 30.29	− 2 34.1	1.874	2.822	7.9	20.3
10 18	23 24.20	− 2 59.6	1.937	2.818	11.5	20.5
10 28	23 20.24	− 3 12.9	2.023	2.813	14.5	20.7

257987 2001 DY_{77} 9 18.9 260°.51 1°.1/16.6 18

8 19	23 58.42	− 5 51.5	4.479	5.368	5.7	20.9
8 29	23 54.87	− 6 26.6	4.408	5.363	3.9	20.7
9 8	23 50.68	− 7 3.8	4.365	5.357	2.1	20.6
9 18	23 46.13	− 7 40.8	4.351	5.352	1.1	20.5
9 28	23 41.54	− 8 15.4	4.368	5.346	2.6	20.6
10 8	23 37.26	− 8 45.2	4.414	5.341	4.4	20.8
10 18	23 33.58	− 9 8.6	4.487	5.335	6.1	20.9
10 28	23 30.76	− 9 24.4	4.585	5.329	7.6	21.0

114553 2003 BH_{42} 9 18.9 289°.20 3°.7/22.9 18

8 19	0 5.61	+14 1.6	1.669	2.512	15.7	19.0
8 29	0 1.18	+12 52.0	1.560	2.477	12.4	18.7
9 8	23 54.59	+11 10.1	1.472	2.441	8.4	18.4
9 18	23 46.47	+ 8 57.8	1.410	2.405	4.5	18.0
9 28	23 37.82	+ 6 22.8	1.377	2.368	4.7	18.0
10 8	23 29.83	+ 3 37.8	1.371	2.331	9.0	18.1
10 18	23 23.58	+ 0 57.4	1.392	2.293	13.7	18.3
10 28	23 19.92	− 1 25.8	1.437	2.255	18.0	18.5

136719 1995 UT_{18} 9 18.9 241°.21 2°.3/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 7.44	+ 7 28.6	1.578	2.450	15.0	20.5
8 29	0 2.24	+ 6 52.3	1.506	2.444	11.2	20.2
9 8	23 55.00	+ 5 55.4	1.456	2.438	6.8	20.0
9 18	23 46.49	+ 4 42.1	1.430	2.431	2.7	19.7
9 28	23 37.80	+ 3 19.8	1.432	2.424	4.2	19.8
10 8	23 30.07	+ 1 57.5	1.460	2.418	8.7	20.0
10 18	23 24.26	+ 0 43.8	1.513	2.410	13.0	20.3
10 28	23 21.00	− 0 14.7	1.587	2.403	16.7	20.5

164107 2003 XU_{11} 9 18.9 350°.21 9°.3/ 9.3 18

8 19	23 57.05	−15 20.8	1.027	1.970	14.9	18.1
8 29	23 55.53	−17 52.5	0.983	1.956	11.3	17.8
9 8	23 51.62	−20 22.9	0.961	1.943	9.4	17.7
9 18	23 46.21	−22 34.5	0.960	1.933	10.6	17.7
9 28	23 40.67	−24 11.5	0.981	1.925	14.0	17.9
10 8	23 36.40	−25 5.1	1.020	1.919	18.0	18.1
10 18	23 34.45	−25 14.1	1.077	1.915	21.6	18.3
10 28	23 35.46	−24 42.3	1.146	1.913	24.6	18.5

245739 2006 DR_{115} 9 18.9 312°.38 1°.6/17.6 17

8 19	0 8.13	− 1 35.9	1.232	2.140	15.8	20.3
8 29	0 3.05	− 2 36.0	1.174	2.137	11.1	20.0
9 8	23 55.54	− 3 50.2	1.138	2.133	5.8	19.7
9 18	23 46.54	− 5 10.2	1.125	2.129	1.6	19.4
9 28	23 37.42	− 6 25.1	1.138	2.126	6.2	19.7
10 8	23 29.59	− 7 25.1	1.175	2.123	11.5	20.0
10 18	23 24.11	− 8 3.9	1.234	2.120	16.2	20.3
10 28	23 21.67	− 8 18.7	1.310	2.117	20.1	20.5

293752 2007 RJ_{69} 9 18.9 309°.79 1°.1/17.9 18

8 19	0 8.91	− 3 3.8	1.651	2.549	13.1	20.7
8 29	0 3.17	− 3 24.9	1.584	2.541	9.2	20.4
9 8	23 55.45	− 3 53.9	1.540	2.534	4.9	20.2
9 18	23 46.53	− 4 25.8	1.522	2.526	1.1	19.9
9 28	23 37.48	− 4 54.8	1.531	2.519	4.9	20.1
10 8	23 29.41	− 5 15.2	1.567	2.512	9.3	20.4
10 18	23 23.21	− 5 23.4	1.626	2.506	13.3	20.6
10 28	23 19.50	− 5 16.9	1.706	2.499	16.7	20.8

278923 2008 TO_{182} 9 18.9 313°.41 1°.0/17.6 18

8 19	0 2.55	− 2 5.6	2.295	3.188	10.1	20.6
8 29	23 58.29	− 2 56.0	2.221	3.176	7.1	20.4
9 8	23 52.70	− 3 54.3	2.172	3.165	3.7	20.1
9 18	23 46.31	− 4 55.9	2.150	3.154	1.0	19.9
9 28	23 39.80	− 5 55.2	2.157	3.143	4.0	20.1
10 8	23 33.91	− 6 47.0	2.192	3.133	7.4	20.3
10 18	23 29.26	− 7 27.2	2.253	3.122	10.5	20.5
10 28	23 26.32	− 7 53.1	2.336	3.112	13.2	20.7

469813 2005 SP_{121} 9 18.9 324°.64 2°.6/20.7 18

8 19	0 5.49	+ 5 31.2	1.211	2.106	17.0	20.6
8 29	0 1.47	+ 5 27.9	1.134	2.084	12.7	20.3
9 8	23 54.87	+ 5 3.9	1.077	2.063	7.8	20.0
9 18	23 46.51	+ 4 21.6	1.042	2.043	3.1	19.7
9 28	23 37.70	+ 3 27.7	1.030	2.024	5.1	19.7
10 8	23 29.93	+ 2 31.6	1.042	2.006	10.5	20.0
10 18	23 24.47	+ 1 42.7	1.076	1.989	15.7	20.2
10 28	23 22.19	+ 1 8.7	1.128	1.973	20.2	20.4

513991 2014 HN_{48} 9 18.9 254°.19 4°.9/14.4 18

8 19	0 11.27	−14 23.3	1.953	2.853	11.3	22.0
8 29	0 4.65	−15 7.0	1.885	2.839	8.2	21.8
9 8	23 56.19	−15 48.3	1.842	2.825	5.6	21.6
9 18	23 46.61	−16 20.7	1.826	2.810	5.1	21.6
9 28	23 36.91	−16 38.5	1.838	2.795	7.5	21.7
10 8	23 28.11	−16 38.1	1.876	2.780	10.7	21.9
10 18	23 21.04	−16 18.5	1.938	2.764	13.8	22.0
10 28	23 16.30	−15 40.7	2.019	2.748	16.5	22.2

310597 2001 WE_4 9 18.9 299°.14 5°.3/13.2 18

8 19	0 6.19	−13 16.7	1.861	2.770	11.2	20.6
8 29	0 1.28	−14 34.5	1.782	2.741	8.2	20.3
9 8	23 54.50	−15 53.8	1.727	2.711	5.7	20.1
9 18	23 46.48	−17 6.5	1.698	2.681	5.7	20.0
9 28	23 38.16	−18 4.5	1.697	2.651	8.3	20.1
10 8	23 30.56	−18 41.7	1.720	2.621	11.7	20.3
10 18	23 24.59	−18 55.1	1.766	2.591	15.0	20.4
10 28	23 20.91	−18 44.6	1.831	2.561	17.9	20.6

337054 1996 XH_{23} 9 18.9 303°.39 2°.9/21.5 18

8 19	0 6.53	+ 7 56.1	1.607	2.477	14.9	20.5
8 29	0 1.64	+ 7 42.7	1.530	2.465	11.2	20.3
9 8	23 54.72	+ 7 10.1	1.474	2.454	7.1	20.0
9 18	23 46.50	+ 6 20.9	1.444	2.443	3.4	19.8
9 28	23 38.04	+ 5 20.6	1.440	2.431	4.4	19.8
10 8	23 30.48	+ 4 17.2	1.461	2.421	8.5	20.0
10 18	23 24.76	+ 3 18.3	1.508	2.410	12.7	20.3
10 28	23 21.57	+ 2 30.7	1.575	2.400	16.4	20.5

186327 2002 DO_{16} 9 18.9 56°.05 2°.9/21.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 12.33	+ 6 17.9	1.914	2.772	13.4	19.2
8 29	0 5.19	+ 6 47.9	1.862	2.791	10.0	19.0
9 8	23 56.37	+ 7 4.8	1.834	2.810	6.3	18.8
9 18	23 46.63	+ 7 9.9	1.832	2.829	3.2	18.7
9 28	23 36.97	+ 7 6.1	1.859	2.848	4.0	18.8
10 8	23 28.35	+ 6 57.4	1.915	2.868	7.3	19.0
10 18	23 21.52	+ 6 48.3	1.996	2.887	10.6	19.3
10 28	23 16.96	+ 6 43.0	2.100	2.907	13.5	19.5

246786 2009 DV_{77} 9 18.9 161°.03 0°.2/18.6 17

8 19	0 1.42	− 0 23.4	3.619	4.494	7.2	21.9
8 29	23 57.06	− 0 57.2	3.551	4.498	5.1	21.7
9 8	23 51.89	− 1 36.1	3.511	4.502	2.7	21.6
9 18	23 46.27	− 2 17.6	3.500	4.505	0.2	21.3
9 28	23 40.63	− 2 58.7	3.520	4.508	2.4	21.6
10 8	23 35.40	− 3 36.5	3.569	4.511	4.8	21.7
10 18	23 30.96	− 4 8.5	3.647	4.514	6.9	21.9
10 28	23 27.63	− 4 32.7	3.749	4.517	8.8	22.0

352391 2007 WG_{15} 9 18.9 144°.19 4°.5/24.4 18

8 19	0 6.02	+15 34.8	2.196	3.013	13.3	21.0
8 29	0 0.76	+15 16.6	2.124	3.020	10.6	20.8
9 8	23 54.03	+14 38.4	2.075	3.026	7.6	20.6
9 18	23 46.45	+13 42.0	2.051	3.031	5.1	20.5
9 28	23 38.81	+12 31.4	2.056	3.037	4.7	20.5
10 8	23 31.93	+11 13.1	2.089	3.042	6.8	20.6
10 18	23 26.49	+ 9 54.0	2.148	3.047	9.7	20.8
10 28	23 22.97	+ 8 40.6	2.232	3.051	12.4	21.0

366159 2012 FV_{9} 9 18.9 312°.99 0°.2/18.6 18

8 19	0 1.84	+ 2 55.4	1.918	2.805	12.1	20.4
8 29	23 58.04	+ 1 28.3	1.840	2.791	8.6	20.1
9 8	23 52.67	− 0 15.0	1.786	2.778	4.6	19.9
9 18	23 46.34	− 2 8.2	1.760	2.764	0.4	19.5
9 28	23 39.85	− 4 2.6	1.762	2.752	4.1	19.8
10 8	23 34.05	− 5 49.1	1.793	2.739	8.3	20.0
10 18	23 29.70	− 7 20.2	1.849	2.727	12.0	20.2
10 28	23 27.33	− 8 31.0	1.927	2.715	15.2	20.4

257383 2009 SO_{52} 9 18.9 286°.92 1°.0/17.0 18

8 19	23 59.51	− 5 19.2	4.197	5.085	6.0	20.5
8 29	23 55.67	− 5 46.3	4.125	5.079	4.2	20.4
9 8	23 51.14	− 6 15.7	4.081	5.073	2.2	20.2
9 18	23 46.22	− 6 45.3	4.066	5.068	1.0	20.1
9 28	23 41.26	− 7 12.6	4.081	5.062	2.6	20.3
10 8	23 36.64	− 7 35.4	4.126	5.057	4.6	20.4
10 18	23 32.67	− 7 52.0	4.198	5.051	6.4	20.5
10 28	23 29.63	− 8 1.2	4.294	5.046	8.0	20.6

523092 2016 RL_{47} 9 18.9 171°.74 4°.7/24.4 18

8 19	0 5.06	+15 49.0	1.960	2.784	14.4	21.0
8 29	0 0.27	+15 21.4	1.885	2.785	11.5	20.8
9 8	23 53.84	+14 30.8	1.832	2.785	8.2	20.6
9 18	23 46.45	+13 19.2	1.804	2.786	5.4	20.4
9 28	23 38.96	+11 51.6	1.803	2.786	5.0	20.4
10 8	23 32.28	+10 15.8	1.830	2.786	7.3	20.6
10 18	23 27.16	+ 8 40.4	1.884	2.787	10.5	20.8
10 28	23 24.13	+ 7 13.0	1.961	2.787	13.6	21.0

314408 2005 UZ_{282} 9 18.9 236°.17 1°.4/17.2 18

8 19	0 5.61	− 4 4.2	2.331	3.222	10.0	21.9
8 29	0 0.41	− 4 48.3	2.259	3.214	7.0	21.7
9 8	23 53.84	− 5 38.2	2.214	3.207	3.7	21.5
9 18	23 46.45	− 6 29.4	2.196	3.199	1.5	21.3
9 28	23 38.97	− 7 16.8	2.208	3.190	4.2	21.5
10 8	23 32.15	− 7 55.8	2.247	3.182	7.6	21.7
10 18	23 26.61	− 8 22.9	2.313	3.173	10.6	21.9
10 28	23 22.86	− 8 36.1	2.400	3.164	13.2	22.1

491785 2012 XW 9 18.9 299°.49 2°.8/16.5 16

8 19	0 8.49	− 6 23.2	1.592	2.497	13.0	22.4
8 29	0 3.16	− 7 6.7	1.508	2.469	9.2	22.1
9 8	23 55.63	− 7 57.2	1.448	2.441	5.1	21.8
9 18	23 46.62	− 8 48.1	1.413	2.413	2.9	21.6
9 28	23 37.21	− 9 31.8	1.405	2.386	6.4	21.7
10 8	23 28.64	−10 1.2	1.422	2.358	11.0	21.9
10 18	23 21.96	−10 12.2	1.462	2.330	15.2	22.1
10 28	23 17.95	−10 2.7	1.521	2.303	18.9	22.3

13475 Orestes 9 18.9 247°.74 0°.1/19.1 18

8 19	23 59.62	+ 0 2.9	4.489	5.360	6.0	18.9
8 29	23 55.72	− 0 13.8	4.412	5.355	4.2	18.7
9 8	23 51.16	− 0 34.7	4.362	5.351	2.3	18.6
9 18	23 46.23	− 0 57.9	4.341	5.346	0.2	18.4
9 28	23 41.27	− 1 21.5	4.351	5.341	1.8	18.6
10 8	23 36.61	− 1 43.4	4.391	5.336	3.8	18.7
10 18	23 32.56	− 2 1.9	4.459	5.331	5.7	18.8
10 28	23 29.39	− 2 15.2	4.553	5.326	7.3	19.0

433198 2012 UA_{49} 9 18.9 65°.50 5°.4/14.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 12.94	−13 53.0	1.514	2.421	13.5	20.5
8 29	0 5.71	−14 41.9	1.490	2.447	9.6	20.3
9 8	23 56.61	−15 26.0	1.489	2.474	6.3	20.2
9 18	23 46.67	−15 58.0	1.513	2.500	5.6	20.2
9 28	23 37.11	−16 12.1	1.565	2.526	8.1	20.5
10 8	23 29.01	−16 6.1	1.641	2.552	11.5	20.7
10 18	23 23.12	−15 40.4	1.740	2.578	14.6	21.0
10 28	23 19.84	−14 57.2	1.858	2.604	17.1	21.2

317793 2003 SD_{176} 9 18.9 331°.68 0°.3/18.5 18

8 19	0 2.67	+ 0 59.9	2.087	2.975	11.2	20.4
8 29	23 58.47	+ 0 0.3	2.018	2.970	7.9	20.1
9 8	23 52.85	− 1 10.5	1.973	2.965	4.2	19.9
9 18	23 46.38	− 2 27.5	1.956	2.961	0.4	19.6
9 28	23 39.83	− 3 44.1	1.968	2.957	3.8	19.9
10 8	23 33.98	− 4 53.8	2.007	2.953	7.6	20.1
10 18	23 29.48	− 5 51.3	2.072	2.950	10.9	20.3
10 28	23 26.83	− 6 33.1	2.159	2.946	13.8	20.5

62904 2000 UZ_{106} 9 18.9 250°.87 5°.4/12.7 18

8 19	0 6.94	−16 39.5	2.164	3.067	10.2	19.6
8 29	0 1.43	−17 42.3	2.109	3.061	7.6	19.4
9 8	23 54.40	−18 41.2	2.080	3.056	5.7	19.3
9 18	23 46.51	−19 29.8	2.077	3.050	5.7	19.3
9 28	23 38.59	−20 2.7	2.102	3.044	7.7	19.4
10 8	23 31.47	−20 16.4	2.153	3.039	10.4	19.5
10 18	23 25.84	−20 10.2	2.227	3.033	12.9	19.7
10 28	23 22.19	−19 44.9	2.320	3.027	15.1	19.9

447951 2008 BM_{3} 9 18.9 337°.60 8°.8/25.6 17

8 19	0 6.77	+18 16.5	1.465	2.294	18.2	21.1
8 29	0 2.17	+19 16.7	1.386	2.279	15.3	20.8
9 8	23 55.20	+19 51.5	1.327	2.265	12.1	20.6
9 18	23 46.60	+19 57.6	1.288	2.252	9.6	20.4
9 28	23 37.57	+19 35.4	1.273	2.240	8.9	20.4
10 8	23 29.46	+18 50.5	1.281	2.229	10.7	20.5
10 18	23 23.45	+17 51.5	1.312	2.220	13.8	20.6
10 28	23 20.36	+16 48.9	1.363	2.211	17.2	20.8

145982 2000 AG_{161} 9 18.9 315°.69 2°.4/20.2 18 R

8 19	0 9.88	+ 3 10.5	1.204	2.100	17.0	19.1
8 29	0 4.79	+ 3 32.2	1.121	2.073	12.7	18.8
9 8	23 56.81	+ 3 38.7	1.057	2.045	7.6	18.4
9 18	23 46.75	+ 3 31.6	1.016	2.019	2.7	18.0
9 28	23 36.01	+ 3 15.2	1.000	1.993	5.4	18.1
10 8	23 26.26	+ 2 56.6	1.006	1.968	11.1	18.4
10 18	23 18.96	+ 2 42.9	1.034	1.943	16.5	18.6
10 28	23 15.13	+ 2 40.5	1.080	1.920	21.2	18.8

505873 2015 DC_{99} 9 18.9 320°.46 1°.9/19.4 18

8 19	0 23.49	− 2 23.3	1.154	2.045	17.9	19.8
8 29	0 14.70	− 0 53.0	1.074	2.025	13.2	19.5
9 8	0 2.27	+ 0 37.2	1.016	2.005	7.6	19.1
9 18	23 47.24	+ 2 5.6	0.982	1.986	2.1	18.7
9 28	23 31.45	+ 3 30.8	0.976	1.968	6.0	18.9
10 8	23 17.05	+ 4 51.9	0.996	1.950	12.2	19.2
10 18	23 5.79	+ 6 9.2	1.039	1.934	17.8	19.4
10 28	22 58.73	+ 7 25.1	1.100	1.919	22.4	19.7

92049 1999 VN_{203} 9 18.9 258°.82 3°.7/22.9 18

8 19	0 6.80	+11 32.6	2.379	3.212	11.9	19.0
8 29	0 1.34	+11 39.1	2.292	3.202	9.3	18.8
9 8	23 54.41	+11 30.8	2.229	3.191	6.5	18.7
9 18	23 46.55	+11 8.4	2.193	3.180	4.1	18.5
9 28	23 38.50	+10 34.7	2.184	3.168	4.1	18.5
10 8	23 31.05	+ 9 54.1	2.205	3.157	6.5	18.6
10 18	23 24.90	+ 9 11.5	2.252	3.146	9.5	18.8
10 28	23 20.59	+ 8 32.2	2.323	3.134	12.2	18.9

516516 2006 DQ_{205} 9 18.9 115°.57 1°.1/20.2 18

8 19	0 6.86	+ 3 19.4	2.442	3.309	10.5	21.8
8 29	0 1.19	+ 3 11.7	2.376	3.315	7.6	21.6
9 8	23 54.23	+ 2 54.7	2.336	3.320	4.4	21.4
9 18	23 46.52	+ 2 30.9	2.323	3.326	1.4	21.2
9 28	23 38.79	+ 2 3.7	2.340	3.331	3.0	21.4
10 8	23 31.75	+ 1 37.2	2.385	3.336	6.2	21.6
10 18	23 25.98	+ 1 14.8	2.457	3.341	9.2	21.8
10 28	23 21.95	+ 0 59.7	2.553	3.347	11.7	22.0

337292 2000 XE_{14} 9 18.9 252°.84 2°.4/16.5 18

8 19	0 8.06	− 5 50.4	1.841	2.741	11.9	20.8
8 29	0 2.48	− 6 42.5	1.771	2.729	8.3	20.6
9 8	23 55.10	− 7 40.6	1.725	2.718	4.5	20.3
9 18	23 46.61	− 8 38.7	1.706	2.706	2.5	20.2
9 28	23 37.97	− 9 29.9	1.715	2.695	5.6	20.4
10 8	23 30.17	−10 8.3	1.751	2.682	9.6	20.6
10 18	23 24.05	−10 30.1	1.811	2.670	13.2	20.8
10 28	23 20.20	−10 33.7	1.891	2.657	16.2	21.0

353359 2010 WN_{60} 9 18.9 281°.91 2°.1/14.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	23 59.09	−11 10.6	4.247	5.143	5.8	20.5
8 29	23 55.40	−11 50.5	4.182	5.138	4.0	20.3
9 8	23 51.03	−12 30.5	4.145	5.132	2.5	20.2
9 18	23 46.27	−13 7.9	4.137	5.126	2.2	20.2
9 28	23 41.47	−13 40.1	4.158	5.120	3.5	20.3
10 8	23 37.01	−14 5.1	4.209	5.114	5.2	20.4
10 18	23 33.20	−14 21.4	4.285	5.108	6.9	20.5
10 28	23 30.32	−14 28.2	4.386	5.102	8.3	20.6

139137 2001 FP_{81} 9 18.9 153°.70 4°.5/22.9 17

8 19	0 9.54	+12 15.0	1.612	2.460	16.0	20.1
8 29	0 3.69	+12 7.8	1.546	2.463	12.4	19.8
9 8	23 55.80	+11 38.0	1.501	2.467	8.5	19.6
9 18	23 46.67	+10 47.4	1.480	2.470	5.1	19.4
9 28	23 37.44	+ 9 41.3	1.486	2.473	5.1	19.5
10 8	23 29.26	+ 8 28.1	1.518	2.475	8.5	19.7
10 18	23 23.05	+ 7 16.4	1.575	2.478	12.3	19.9
10 28	23 19.43	+ 6 13.8	1.654	2.479	15.7	20.1

220418 Golovyno 9 18.9 347°.13 1°.3/17.6 18

8 19	0 7.11	− 4 25.0	2.178	3.070	10.6	20.4
8 29	0 1.51	− 4 45.3	2.114	3.069	7.4	20.2
9 8	23 54.45	− 5 10.2	2.075	3.068	3.9	20.0
9 18	23 46.56	− 5 36.0	2.063	3.067	1.3	19.8
9 28	23 38.62	− 5 58.3	2.081	3.066	4.1	20.0
10 8	23 31.45	− 6 13.2	2.126	3.065	7.6	20.2
10 18	23 25.71	− 6 18.1	2.196	3.065	10.8	20.4
10 28	23 21.87	− 6 11.3	2.289	3.064	13.5	20.6

353076 2009 DG_{95} 9 18.9 335°.46 2°.8/16.3 18

8 19	0 8.09	− 7 38.9	1.767	2.671	12.0	20.4
8 29	0 2.47	− 8 17.0	1.708	2.668	8.4	20.2
9 8	23 55.06	− 8 58.6	1.673	2.666	4.7	19.9
9 18	23 46.61	− 9 37.6	1.664	2.663	2.9	19.8
9 28	23 38.12	−10 8.0	1.683	2.661	5.9	20.0
10 8	23 30.59	−10 25.0	1.727	2.659	9.7	20.2
10 18	23 24.81	−10 26.1	1.796	2.657	13.2	20.5
10 28	23 21.34	−10 10.6	1.885	2.655	16.1	20.7

171129 2005 GG_{28} 9 18.9 85°.97 1°.2/20.1 18

8 19	0 7.70	+ 3 54.5	1.868	2.743	12.9	20.0
8 29	0 2.03	+ 3 29.6	1.812	2.755	9.3	19.8
9 8	23 54.75	+ 2 51.8	1.781	2.767	5.3	19.6
9 18	23 46.58	+ 2 5.0	1.776	2.780	1.5	19.4
9 28	23 38.45	+ 1 14.9	1.800	2.792	3.6	19.5
10 8	23 31.25	+ 0 27.5	1.850	2.804	7.5	19.8
10 18	23 25.72	− 0 12.1	1.927	2.816	11.1	20.1
10 28	23 22.32	− 0 40.0	2.025	2.828	14.1	20.3

135627 2002 JU_{76} 9 18.9 87°.08 2°.6/17.1 18

8 19	0 12.87	− 5 48.1	1.345	2.251	14.9	19.8
8 29	0 6.09	− 6 22.7	1.300	2.261	10.4	19.6
9 8	23 57.05	− 7 3.0	1.277	2.271	5.5	19.4
9 18	23 46.78	− 7 41.8	1.280	2.282	2.6	19.2
9 28	23 36.64	− 8 11.7	1.308	2.292	6.3	19.5
10 8	23 27.95	− 8 27.0	1.362	2.302	11.0	19.8
10 18	23 21.63	− 8 25.1	1.438	2.312	15.1	20.0
10 28	23 18.22	− 8 5.6	1.533	2.322	18.4	20.3

93894 2000 WM_{141} 9 18.9 344°.38 15°.5/ 5.4 18

8 19	0 9.05	−33 27.3	1.154	2.054	17.3	16.6
8 29	0 4.13	−35 2.4	1.119	2.040	15.8	16.5
9 8	23 56.27	−36 9.9	1.103	2.026	15.5	16.4
9 18	23 46.72	−36 36.9	1.106	2.014	16.5	16.4
9 28	23 37.25	−36 15.8	1.127	2.004	18.5	16.5
10 8	23 29.55	−35 7.3	1.164	1.995	21.0	16.7
10 18	23 24.77	−33 17.8	1.218	1.988	23.4	16.8
10 28	23 23.45	−30 56.2	1.284	1.983	25.6	17.0

378580 2008 DA_{60} 9 18.9 69°.18 3°.7/21.6 18

8 19	0 13.21	+ 8 0.3	1.368	2.237	17.1	20.2
8 29	0 6.27	+ 8 11.7	1.324	2.258	12.8	20.0
9 8	23 57.11	+ 8 3.1	1.302	2.280	8.1	19.8
9 18	23 46.79	+ 7 37.0	1.304	2.301	4.2	19.7
9 28	23 36.65	+ 6 59.1	1.332	2.323	5.0	19.8
10 8	23 27.96	+ 6 17.3	1.386	2.344	9.0	20.1
10 18	23 21.63	+ 5 38.7	1.464	2.366	13.1	20.4
10 28	23 18.20	+ 5 9.5	1.562	2.387	16.5	20.6

218400 Marquardt 9 18.9 11°.06 1°.3/19.9 18

8 19	0 9.22	+ 1 54.6	1.774	2.655	13.2	19.8
8 29	0 3.25	+ 2 8.1	1.712	2.657	9.5	19.6
9 8	23 55.48	+ 2 11.2	1.673	2.660	5.4	19.4
9 18	23 46.66	+ 2 6.5	1.660	2.663	1.6	19.1
9 28	23 37.79	+ 1 57.6	1.675	2.667	3.8	19.3
10 8	23 29.88	+ 1 49.0	1.717	2.671	7.9	19.6
10 18	23 23.73	+ 1 44.7	1.783	2.676	11.6	19.8
10 28	23 19.92	+ 1 48.1	1.872	2.681	14.8	20.0

364097 2005 YF_{164} 9 18.9 189°.04 1°.5/17.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 12.43	− 2 45.1	1.361	2.261	15.2	21.4
8 29	0 5.95	− 3 23.0	1.303	2.261	10.6	21.1
9 8	23 57.09	− 4 11.2	1.267	2.261	5.6	20.8
9 18	23 46.81	− 5 2.8	1.256	2.260	1.5	20.6
9 28	23 36.45	− 5 49.7	1.272	2.259	5.8	20.9
10 8	23 27.39	− 6 24.4	1.312	2.257	10.8	21.1
10 18	23 20.66	− 6 42.3	1.376	2.256	15.2	21.4
10 28	23 16.91	− 6 41.4	1.458	2.254	18.9	21.6

294488 2007 WU_{12} 9 18.9 299°.50 1°.6/20.5 18

8 19	0 5.98	+ 5 33.1	1.846	2.718	13.1	20.9
8 29	0 0.98	+ 5 2.1	1.777	2.717	9.6	20.7
9 8	23 54.28	+ 4 15.7	1.731	2.715	5.7	20.4
9 18	23 46.58	+ 3 17.8	1.711	2.714	2.0	20.2
9 28	23 38.77	+ 2 14.2	1.719	2.712	3.7	20.3
10 8	23 31.81	+ 1 11.9	1.755	2.710	7.7	20.5
10 18	23 26.46	+ 0 17.3	1.816	2.709	11.4	20.8
10 28	23 23.28	− 0 25.0	1.899	2.708	14.6	21.0

78154 2002 NY_{25} 9 18.9 109°.77 6°.4/26.1 18

8 19	0 9.13	+20 0.1	2.487	3.265	13.0	18.9
8 29	0 2.97	+20 41.2	2.409	3.267	10.9	18.8
9 8	23 55.30	+21 4.2	2.353	3.269	8.7	18.6
9 18	23 46.68	+21 8.1	2.323	3.271	6.9	18.5
9 28	23 37.90	+20 53.8	2.320	3.274	6.4	18.5
10 8	23 29.77	+20 24.9	2.344	3.276	7.5	18.6
10 18	23 22.99	+19 46.3	2.395	3.278	9.5	18.7
10 28	23 18.12	+19 3.9	2.470	3.280	11.6	18.9

432685 2011 BS_{51} 9 18.9 195°.02 1°.2/17.8 17

8 19	0 9.66	− 2 9.3	1.859	2.749	12.3	22.0
8 29	0 3.55	− 2 56.5	1.793	2.747	8.6	21.8
9 8	23 55.66	− 3 52.5	1.752	2.744	4.5	21.5
9 18	23 46.71	− 4 52.0	1.737	2.741	1.2	21.3
9 28	23 37.67	− 5 48.1	1.752	2.738	4.7	21.5
10 8	23 29.54	− 6 34.8	1.793	2.733	8.8	21.7
10 18	23 23.11	− 7 7.6	1.860	2.729	12.4	22.0
10 28	23 18.96	− 7 24.1	1.948	2.723	15.5	22.2

302716 2002 TH_{257} 9 18.9 347°.83 8°.5/13.4 18

8 19	0 11.00	−20 8.6	1.290	2.205	14.7	19.3
8 29	0 5.09	−20 43.6	1.239	2.194	11.4	19.1
9 8	23 56.67	−21 7.1	1.210	2.185	8.9	18.9
9 18	23 46.79	−21 10.3	1.203	2.177	8.8	18.9
9 28	23 36.93	−20 46.8	1.220	2.170	11.2	19.0
10 8	23 28.53	−19 54.8	1.259	2.164	14.7	19.2
10 18	23 22.62	−18 37.3	1.318	2.160	18.2	19.4
10 28	23 19.83	−16 58.7	1.395	2.157	21.2	19.6

23480 1991 EL 9 18.9 137°.42 4°.7/30.6 18

8 19	0 0.38	+28 23.9	4.848	5.538	8.2	19.0
8 29	23 56.32	+28 34.7	4.762	5.542	7.2	18.9
9 8	23 51.54	+28 33.1	4.698	5.546	6.1	18.9
9 18	23 46.36	+28 18.9	4.658	5.549	5.2	18.8
9 28	23 41.13	+27 52.9	4.644	5.553	4.8	18.8
10 8	23 36.21	+27 17.0	4.658	5.557	4.9	18.8
10 18	23 31.93	+26 33.7	4.699	5.561	5.6	18.8
10 28	23 28.59	+25 46.0	4.766	5.564	6.6	18.9

60398 2000 AG_{251} 9 18.9 176°.32 0°.4/18.2 18 R

8 19	0 1.71	− 1 47.9	3.626	4.505	7.1	20.0
8 29	23 57.31	− 2 20.3	3.557	4.506	5.0	19.8
9 8	23 52.09	− 2 57.2	3.516	4.507	2.6	19.7
9 18	23 46.41	− 3 35.9	3.503	4.508	0.4	19.5
9 28	23 40.70	− 4 13.6	3.521	4.508	2.5	19.7
10 8	23 35.40	− 4 47.4	3.569	4.508	4.9	19.8
10 18	23 30.89	− 5 15.1	3.645	4.508	7.0	20.0
10 28	23 27.49	− 5 34.7	3.745	4.508	8.9	20.1

476681 2008 TB_{67} 9 18.9 234°.32 1°.4/20.4 18

8 19	0 6.23	+ 5 57.4	1.905	2.774	12.9	21.8
8 29	0 1.17	+ 5 11.0	1.828	2.766	9.5	21.5
9 8	23 54.42	+ 4 8.1	1.774	2.759	5.6	21.3
9 18	23 46.61	+ 2 52.8	1.748	2.750	1.8	21.0
9 28	23 38.65	+ 1 31.6	1.750	2.742	3.6	21.1
10 8	23 31.48	+ 0 12.3	1.779	2.733	7.7	21.4
10 18	23 25.87	− 0 58.2	1.834	2.724	11.5	21.6
10 28	23 22.40	− 1 54.5	1.912	2.715	14.8	21.8

483273 2015 TZ_{207} 9 18.9 45°.41 3°.5/22.7 18

8 19	0 6.31	+10 39.7	2.134	2.978	12.7	20.6
8 29	0 1.05	+10 38.6	2.063	2.980	9.8	20.4
9 8	23 54.27	+10 21.4	2.015	2.982	6.6	20.2
9 18	23 46.60	+ 9 49.9	1.993	2.984	3.9	20.0
9 28	23 38.83	+ 9 7.5	1.998	2.985	4.1	20.0
10 8	23 31.81	+ 8 19.7	2.032	2.987	6.8	20.2
10 18	23 26.23	+ 7 32.1	2.092	2.989	9.9	20.4
10 28	23 22.61	+ 6 49.8	2.175	2.991	12.7	20.6

360071 2013 AC_{131} 9 18.9 294.°94 0.°1/19.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	23 58.59	+ 1 6.6	4.183	5.055	6.4	21.0
8 29	23 55.08	+ 0 33.4	4.107	5.050	4.5	20.9
9 8	23 50.89	− 0 4.9	4.057	5.046	2.5	20.7
9 18	23 46.31	− 0 46.3	4.037	5.042	0.3	20.5
9 28	23 41.69	− 1 28.2	4.047	5.038	1.9	20.7
10 8	23 37.39	− 2 8.2	4.087	5.033	4.1	20.8
10 18	23 33.73	− 2 43.7	4.156	5.029	6.0	21.0
10 28	23 30.99	− 3 12.9	4.249	5.025	7.7	21.1

519463 2012 BS_{152} 9 18.9 219.°94 2.°5/15.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 4.23	− 7 33.3	2.623	3.519	8.9	22.2
8 29	23 59.37	− 8 40.4	2.554	3.511	6.2	22.0
9 8	23 53.30	− 9 50.9	2.513	3.504	3.5	21.9
9 18	23 46.52	−10 59.9	2.500	3.496	2.6	21.8
9 28	23 39.65	−12 2.1	2.517	3.487	4.8	21.9
10 8	23 33.35	−12 52.8	2.562	3.478	7.6	22.1
10 18	23 28.18	−13 29.4	2.633	3.469	10.3	22.3
10 28	23 24.58	−13 50.2	2.726	3.460	12.5	22.4

233353 2006 DX_{71} 9 18.9 328.°38 1.°3/17.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 6.89	− 2 11.8	1.578	2.479	13.4	20.4
8 29	0 1.83	− 2 59.5	1.516	2.475	9.4	20.2
9 8	23 54.82	− 3 57.5	1.478	2.472	4.9	19.9
9 18	23 46.65	− 4 59.4	1.465	2.469	1.3	19.7
9 28	23 38.39	− 5 57.4	1.479	2.466	5.2	19.9
10 8	23 31.12	− 6 44.5	1.518	2.463	9.6	20.2
10 18	23 25.73	− 7 15.6	1.581	2.460	13.7	20.4
10 28	23 22.81	− 7 28.2	1.664	2.458	17.0	20.7

353970 1999 YT_{17} 9 18.9 332.°49 7.°6/19.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 26.83	+ 4 15.3	1.148	2.019	19.5	19.6
8 29	0 17.93	+ 7 4.4	1.048	1.982	15.4	19.2
9 8	0 4.61	+ 9 59.1	0.972	1.945	10.9	18.9
9 18	23 47.58	+12 50.3	0.921	1.910	7.7	18.6
9 28	23 28.61	+15 26.4	0.899	1.877	9.6	18.6
10 8	23 10.26	+17 38.4	0.903	1.845	14.8	18.7
10 18	22 54.97	+19 24.5	0.930	1.816	20.3	18.9
10 28	22 44.46	+20 50.9	0.976	1.788	25.0	19.2

107657 2001 EN_{25} 9 18.9 293.°66 7.°1/10.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 5.36	−15 56.6	1.651	2.566	12.1	19.4
8 29	0 0.86	−17 54.4	1.590	2.548	9.1	19.1
9 8	23 54.38	−19 51.6	1.552	2.529	7.2	19.0
9 18	23 46.62	−21 37.1	1.541	2.510	7.8	19.0
9 28	23 38.63	−23 0.4	1.556	2.491	10.5	19.1
10 8	23 31.54	−23 55.0	1.594	2.472	13.8	19.3
10 18	23 26.26	−24 18.5	1.652	2.454	16.9	19.4
10 28	23 23.47	−24 12.1	1.727	2.435	19.6	19.6

204560 2005 EY_{274} 9 18.9 228.°12 0.°6/19.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 7.44	+ 2 38.0	2.075	2.950	11.8	21.2
8 29	0 1.91	+ 2 6.3	1.998	2.942	8.5	20.9
9 8	23 54.77	+ 1 22.8	1.946	2.934	4.7	20.7
9 18	23 46.65	+ 0 31.3	1.921	2.925	0.9	20.4
9 28	23 38.39	− 0 22.9	1.925	2.916	3.5	20.6
10 8	23 30.86	− 1 14.0	1.957	2.907	7.4	20.8
10 18	23 24.80	− 1 56.9	2.015	2.897	11.0	21.0
10 28	23 20.77	− 2 27.7	2.095	2.887	14.0	21.2

353737 2011 XO_{1} 9 18.9 238.°98 2.°7/12.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	23 59.42	−16 49.4	4.809	5.703	5.2	20.6
8 29	23 55.59	−17 26.6	4.747	5.695	3.8	20.5
9 8	23 51.14	−18 1.6	4.713	5.687	2.9	20.4
9 18	23 46.34	−18 32.1	4.709	5.679	2.9	20.4
9 28	23 41.51	−18 56.0	4.733	5.670	3.9	20.5
10 8	23 36.98	−19 11.6	4.786	5.662	5.3	20.6
10 18	23 33.04	−19 18.0	4.864	5.653	6.7	20.7
10 28	23 29.96	−19 15.0	4.965	5.644	7.9	20.8

215631 2003 SW_{308} 9 18.9 143.°87 3.°9/22.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 9.74	+10 36.2	1.505	2.364	16.3	20.3
8 29	0 3.94	+10 21.2	1.442	2.368	12.5	20.1
9 8	23 55.99	+ 9 43.5	1.399	2.372	8.2	19.9
9 18	23 46.76	+ 8 45.7	1.381	2.376	4.5	19.7
9 28	23 37.44	+ 7 34.3	1.390	2.380	4.9	19.7
10 8	23 29.25	+ 6 18.3	1.424	2.383	8.7	19.9
10 18	23 23.15	+ 5 6.6	1.483	2.386	12.9	20.2
10 28	23 19.74	+ 4 6.8	1.564	2.389	16.5	20.4

257418 2009 WD_{2} 9 18.9 280.°26 0.°8/17.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	23 59.18	− 4 20.6	4.308	5.194	5.9	20.6
8 29	23 55.47	− 4 49.1	4.236	5.188	4.1	20.5
9 8	23 51.10	− 5 20.3	4.191	5.183	2.1	20.3
9 18	23 46.34	− 5 52.1	4.175	5.178	0.8	20.2
9 28	23 41.55	− 6 22.0	4.190	5.173	2.4	20.3
10 8	23 37.07	− 6 48.0	4.234	5.168	4.4	20.5
10 18	23 33.23	− 7 8.1	4.306	5.162	6.2	20.6
10 28	23 30.29	− 7 21.1	4.402	5.157	7.8	20.7

17971 Samuelhowell 9 18.9 43.°50 2.°1/17.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 8.29	− 2 34.4	1.064	1.981	17.0	17.0
8 29	0 3.16	− 3 35.5	1.029	1.996	11.7	16.8
9 8	23 55.58	− 4 48.2	1.015	2.011	6.1	16.5
9 18	23 46.72	− 6 2.5	1.024	2.028	2.1	16.3
9 28	23 38.07	− 7 7.2	1.057	2.045	6.6	16.7
10 8	23 31.04	− 7 53.6	1.113	2.062	11.8	17.0
10 18	23 26.57	− 8 17.4	1.190	2.081	16.3	17.3
10 28	23 25.16	− 8 17.6	1.285	2.099	20.0	17.7

352841 2008 VR_{72} 9 18.9 268.°04 1.°8/20.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 7.33	+ 5 42.4	1.873	2.743	13.1	21.4
8 29	0 2.04	+ 5 21.3	1.791	2.729	9.7	21.2
9 8	23 54.95	+ 4 44.8	1.732	2.715	5.9	20.9
9 18	23 46.69	+ 3 55.9	1.699	2.700	2.2	20.7
9 28	23 38.21	+ 2 59.9	1.694	2.686	3.8	20.7
10 8	23 30.48	+ 2 3.4	1.716	2.671	7.8	21.0
10 18	23 24.36	+ 1 12.7	1.763	2.656	11.7	21.2
10 28	23 20.48	+ 0 33.1	1.833	2.641	15.1	21.4

476796 2008 UY_{162} 9 18.9 260.°68 3.°1/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 7.02	+ 9 29.0	1.816	2.673	14.1	21.6
8 29	0 1.86	+ 9 9.4	1.735	2.662	10.7	21.4
9 8	23 54.86	+ 8 30.8	1.677	2.651	7.0	21.2
9 18	23 46.69	+ 7 35.5	1.644	2.640	3.6	20.9
9 28	23 38.29	+ 6 28.7	1.638	2.629	4.2	20.9
10 8	23 30.69	+ 5 17.8	1.660	2.617	7.8	21.1
10 18	23 24.76	+ 4 10.4	1.707	2.606	11.7	21.4
10 28	23 21.12	+ 3 12.9	1.776	2.594	15.1	21.6

178858 2001 KM_{23} 9 18.9 62.°57 2.°1/20.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 8.83	+ 6 31.6	1.313	2.196	16.8	19.7
8 29	0 3.24	+ 5 53.5	1.272	2.216	12.2	19.5
9 8	23 55.54	+ 4 55.0	1.251	2.237	7.2	19.3
9 18	23 46.73	+ 3 42.1	1.255	2.257	2.5	19.0
9 28	23 38.10	+ 2 23.8	1.285	2.278	4.4	19.2
10 8	23 30.84	+ 1 9.9	1.340	2.299	9.2	19.6
10 18	23 25.82	+ 0 8.4	1.419	2.320	13.4	19.9
10 28	23 23.54	− 0 35.7	1.518	2.341	17.0	20.2

187560 2006 VO_{60} 9 18.9 218.°45 0.°5/19.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 9.17	+ 2 26.5	1.685	2.567	13.7	21.7
8 29	0 3.41	+ 1 47.1	1.614	2.562	9.8	21.4
9 8	23 55.69	+ 0 53.2	1.567	2.556	5.4	21.2
9 18	23 46.76	− 0 10.1	1.545	2.550	0.8	20.8
9 28	23 37.67	− 1 15.9	1.552	2.543	4.2	21.1
10 8	23 29.52	− 2 16.4	1.585	2.536	8.8	21.3
10 18	23 23.21	− 3 5.5	1.643	2.528	12.9	21.6
10 28	23 19.35	− 3 38.7	1.723	2.520	16.3	21.8

18059 Cavalieri 9 18.9 127.°36 4.°3/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 8.73	+12 19.3	1.948	2.785	14.0	16.9
8 29	0 2.88	+12 25.4	1.880	2.790	10.9	16.7
9 8	23 55.31	+12 13.0	1.834	2.795	7.6	16.5
9 18	23 46.72	+11 43.3	1.813	2.800	4.9	16.3
9 28	23 38.05	+10 59.9	1.820	2.805	4.8	16.3
10 8	23 30.24	+10 8.9	1.855	2.809	7.4	16.5
10 18	23 24.08	+ 9 16.5	1.915	2.813	10.7	16.7
10 28	23 20.11	+ 8 29.1	1.999	2.817	13.6	16.9

254493 2005 EQ_{42} 9 18.9 121.°30 0.°3/18.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 11.77	+ 0 6.9	1.621	2.508	13.9	20.9
8 29	0 5.06	− 0 33.9	1.572	2.523	9.8	20.7
9 8	23 56.45	− 1 25.8	1.546	2.538	5.2	20.5
9 18	23 46.82	− 2 22.9	1.547	2.552	0.5	20.2
9 28	23 37.29	− 3 18.2	1.576	2.566	4.5	20.5
10 8	23 28.94	− 4 5.0	1.632	2.579	8.9	20.8
10 18	23 22.60	− 4 38.4	1.713	2.591	12.8	21.1
10 28	23 18.77	− 4 56.0	1.814	2.603	16.0	21.3

225210 2008 QB_{31} 9 18.9 309.°60 1.°9/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	23 59.39	+10 8.7	4.274	5.103	7.1	19.6
8 29	23 55.65	+ 9 57.6	4.191	5.100	5.5	19.5
9 8	23 51.21	+ 9 38.3	4.135	5.098	3.7	19.4
9 18	23 46.38	+ 9 12.1	4.106	5.096	2.2	19.3
9 28	23 41.50	+ 8 40.7	4.107	5.093	2.2	19.3
10 8	23 36.93	+ 8 6.7	4.138	5.091	3.7	19.4
10 18	23 33.01	+ 7 32.5	4.198	5.089	5.5	19.5
10 28	23 30.02	+ 7 0.5	4.283	5.087	7.2	19.6

235262 2003 SB_{428} 9 18.9 125.°10 0.°9/19.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 7.30	+ 3 25.4	1.783	2.663	13.2	20.7
8 29	0 1.93	+ 2 51.0	1.720	2.666	9.5	20.4
9 8	23 54.81	+ 2 2.8	1.681	2.669	5.4	20.2
9 18	23 46.69	+ 1 5.2	1.668	2.672	1.2	19.9
9 28	23 38.51	+ 0 4.8	1.682	2.675	3.8	20.1
10 8	23 31.25	− 0 51.8	1.724	2.677	8.0	20.4
10 18	23 25.69	− 1 38.8	1.791	2.680	11.8	20.6
10 28	23 22.38	− 2 11.9	1.880	2.682	15.0	20.8

298227 2002 UO_{46} 9 18.9 11°.00 0°.9/18.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 10.18	− 3 29.8	1.393	2.296	14.6	19.4
8 29	0 4.27	− 3 27.0	1.339	2.299	10.3	19.2
9 8	23 56.16	− 3 31.1	1.308	2.302	5.4	18.9
9 18	23 46.81	− 3 38.0	1.302	2.306	0.9	18.6
9 28	23 37.46	− 3 42.3	1.321	2.311	5.1	18.9
10 8	23 29.37	− 3 39.3	1.366	2.317	9.8	19.2
10 18	23 23.48	− 3 25.9	1.434	2.324	14.1	19.5
10 28	23 20.38	− 3 0.4	1.521	2.332	17.5	19.8

223953 2004 XC_{52} 9 18.9 303°.09 4°.7/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 3.74	+16 19.3	2.277	3.092	13.0	20.1
8 29	23 59.26	+16 5.0	2.196	3.088	10.4	19.9
9 8	23 53.35	+15 31.0	2.136	3.083	7.7	19.7
9 18	23 46.57	+14 38.4	2.102	3.079	5.3	19.6
9 28	23 39.67	+13 30.9	2.095	3.074	4.8	19.6
10 8	23 33.43	+12 14.1	2.116	3.070	6.7	19.7
10 18	23 28.50	+10 54.9	2.164	3.065	9.5	19.8
10 28	23 25.39	+ 9 39.9	2.236	3.061	12.1	20.0

74342 1998 VX_{26} 9 18.9 290°.54 1°.6/20.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 7.65	+ 4 17.7	1.802	2.677	13.3	19.3
8 29	0 2.34	+ 4 6.0	1.721	2.663	9.8	19.0
9 8	23 55.14	+ 3 40.3	1.663	2.648	5.8	18.8
9 18	23 46.74	+ 3 3.5	1.631	2.633	1.9	18.5
9 28	23 38.09	+ 2 20.6	1.626	2.619	3.8	18.6
10 8	23 30.23	+ 1 37.7	1.649	2.604	8.1	18.8
10 18	23 24.05	+ 1 0.7	1.696	2.590	12.1	19.0
10 28	23 20.18	+ 0 34.5	1.765	2.575	15.5	19.2

287303 2002 TM_{215} 9 18.9 347°.23 12°.9/ 8.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 9.30	−29 15.1	1.253	2.159	15.8	18.9
8 29	0 4.07	−30 28.7	1.213	2.146	13.8	18.8
9 8	23 56.20	−31 20.9	1.193	2.135	12.9	18.7
9 18	23 46.82	−31 40.4	1.193	2.125	13.6	18.7
9 28	23 37.51	−31 20.1	1.215	2.116	15.6	18.8
10 8	23 29.78	−30 19.8	1.255	2.109	18.3	19.0
10 18	23 24.69	−28 44.4	1.312	2.104	21.0	19.1
10 28	23 22.81	−26 41.2	1.385	2.100	23.3	19.3

521898 2015 TJ_{384} 9 18.9 202°.08 3°.1/14.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 5.10	−11 32.1	2.868	3.764	8.2	21.6
8 29	23 59.89	−12 23.5	2.805	3.760	5.8	21.5
9 8	23 53.56	−13 14.8	2.769	3.755	3.7	21.3
9 18	23 46.60	−14 1.8	2.763	3.751	3.2	21.3
9 28	23 39.58	−14 40.3	2.785	3.746	5.1	21.4
10 8	23 33.13	−15 7.2	2.836	3.741	7.5	21.6
10 18	23 27.76	−15 20.7	2.913	3.735	9.8	21.7
10 28	23 23.87	−15 20.2	3.011	3.729	11.8	21.9

285086 1993 FA_{38} 9 18.9 136°.23 2°.7/16.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 11.90	− 8 18.0	1.981	2.875	11.4	20.5
8 29	0 4.94	− 8 45.9	1.928	2.883	8.0	20.3
9 8	23 56.33	− 9 15.5	1.901	2.892	4.4	20.1
9 18	23 46.85	− 9 41.8	1.901	2.900	2.7	20.0
9 28	23 37.43	− 9 59.9	1.930	2.907	5.4	20.2
10 8	23 29.00	−10 6.3	1.987	2.914	8.9	20.4
10 18	23 22.29	− 9 59.3	2.069	2.921	12.0	20.6
10 28	23 17.78	− 9 38.5	2.172	2.928	14.7	20.8

107134 2001 AE_{51} 9 18.9 333°.49 1°.2/16.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	23 59.36	− 5 59.9	4.032	4.922	6.2	19.9
8 29	23 55.65	− 6 34.3	3.965	4.920	4.3	19.7
9 8	23 51.24	− 7 10.9	3.926	4.918	2.3	19.6
9 18	23 46.42	− 7 47.3	3.916	4.916	1.2	19.5
9 28	23 41.58	− 8 20.7	3.936	4.915	2.8	19.6
10 8	23 37.09	− 8 48.9	3.985	4.913	4.8	19.8
10 18	23 33.27	− 9 10.0	4.062	4.911	6.7	19.9
10 28	23 30.42	− 9 22.7	4.162	4.910	8.3	20.0

290665 2005 UO_{308} 9 18.9 245°.35 0°.7/18.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 9.13	− 1 1.8	1.792	2.681	12.7	21.8
8 29	0 3.35	− 1 39.3	1.717	2.670	9.0	21.5
9 8	23 55.68	− 2 27.3	1.666	2.658	4.8	21.2
9 18	23 46.83	− 3 20.7	1.642	2.646	0.7	20.9
9 28	23 37.78	− 4 12.9	1.645	2.634	4.5	21.2
10 8	23 29.58	− 4 57.5	1.676	2.621	8.9	21.4
10 18	23 23.10	− 5 29.7	1.731	2.608	12.8	21.6
10 28	23 18.98	− 5 46.1	1.808	2.595	16.1	21.8

79368 1997 EJ_{16} 9 18.9 314°.76 0°.1/18.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 8.99	− 0 20.1	1.202	2.108	16.3	19.4
8 29	0 4.13	− 0 27.4	1.123	2.082	11.8	19.1
9 8	23 56.50	− 0 48.3	1.064	2.057	6.5	18.7
9 18	23 46.92	− 1 18.5	1.028	2.033	0.6	18.2
9 28	23 36.78	− 1 50.9	1.016	2.009	5.5	18.5
10 8	23 27.69	− 2 17.3	1.028	1.986	11.4	18.8
10 18	23 21.01	− 2 30.9	1.061	1.963	16.8	19.0
10 28	23 17.70	− 2 27.1	1.111	1.942	21.4	19.2

239118 2006 HD_{102} 9 18.9 44°.58 2°.5/16.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 7.33	− 5 28.7	1.665	2.569	12.6	20.7
8 29	0 2.02	− 6 22.7	1.611	2.572	8.8	20.5
9 8	23 54.90	− 7 22.7	1.581	2.575	4.7	20.3
9 18	23 46.76	− 8 22.1	1.578	2.579	2.6	20.1
9 28	23 38.60	− 9 13.4	1.601	2.582	5.8	20.3
10 8	23 31.46	− 9 50.7	1.651	2.586	9.8	20.6
10 18	23 26.12	−10 10.6	1.723	2.589	13.4	20.8
10 28	23 23.13	−10 11.8	1.816	2.593	16.4	21.0

112078 2002 JO_{23} 9 18.9 99°.03 2°.4/16.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 11.40	− 4 21.2	1.455	2.356	14.3	20.7
8 29	0 4.91	− 5 24.0	1.415	2.375	9.9	20.5
9 8	23 56.42	− 6 34.0	1.399	2.393	5.2	20.3
9 18	23 46.89	− 7 42.9	1.409	2.410	2.5	20.1
9 28	23 37.54	− 8 42.3	1.445	2.428	6.1	20.4
10 8	23 29.52	− 9 25.5	1.508	2.444	10.4	20.7
10 18	23 23.67	− 9 49.4	1.593	2.461	14.2	21.0
10 28	23 20.47	− 9 53.0	1.699	2.477	17.3	21.2

42190 2001 CM_{36} 9 18.9 119°.68 2°.2/15.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 3.57	− 9 35.5	3.243	4.136	7.4	19.3
8 29	23 58.69	−10 8.6	3.188	4.143	5.2	19.1
9 8	23 52.89	−10 42.1	3.160	4.150	3.0	19.0
9 18	23 46.60	−11 12.9	3.162	4.157	2.3	18.9
9 28	23 40.31	−11 37.9	3.193	4.163	3.9	19.1
10 8	23 34.54	−11 54.5	3.253	4.170	6.2	19.2
10 18	23 29.70	−12 1.3	3.339	4.176	8.3	19.4
10 28	23 26.14	−11 57.5	3.448	4.182	10.1	19.5

349687 2008 WD_{113} 9 18.9 267°.15 1°.9/17.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 8.05	− 4 15.9	1.830	2.727	12.1	21.9
8 29	0 2.59	− 5 2.6	1.755	2.712	8.4	21.7
9 8	23 55.28	− 5 57.0	1.703	2.697	4.5	21.4
9 18	23 46.82	− 6 53.4	1.679	2.681	1.9	21.2
9 28	23 38.15	− 7 45.0	1.682	2.665	5.2	21.4
10 8	23 30.28	− 8 25.6	1.712	2.649	9.3	21.6
10 18	23 24.08	− 8 50.9	1.767	2.633	13.1	21.8
10 28	23 20.16	− 8 58.8	1.842	2.617	16.3	22.0

435788 2008 UB_{346} 9 18.9 16°.65 8°.4/11.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 8.86	−20 34.8	1.550	2.460	13.0	20.1
8 29	0 3.25	−22 0.2	1.511	2.461	10.2	19.9
9 8	23 55.60	−23 15.8	1.496	2.463	8.5	19.8
9 18	23 46.83	−24 12.1	1.505	2.465	8.9	19.8
9 28	23 38.13	−24 41.8	1.539	2.467	11.2	20.0
10 8	23 30.66	−24 42.0	1.595	2.469	14.0	20.2
10 18	23 25.27	−24 14.0	1.672	2.472	16.8	20.4
10 28	23 22.50	−23 21.3	1.765	2.474	19.2	20.6

464164 2015 AF_{27} 9 18.9 52°.08 4°.2/15.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 9.71	− 7 17.8	1.130	2.049	16.0	19.7
8 29	0 4.02	− 8 31.9	1.102	2.069	11.0	19.5
9 8	23 56.01	− 9 49.8	1.096	2.090	6.2	19.3
9 18	23 46.86	−11 0.8	1.113	2.111	4.4	19.2
9 28	23 38.02	−11 54.9	1.155	2.133	8.0	19.5
10 8	23 30.81	−12 25.7	1.220	2.155	12.5	19.8
10 18	23 26.10	−12 31.6	1.305	2.177	16.5	20.2
10 28	23 24.35	−12 13.8	1.409	2.199	19.7	20.4

62576 2000 ST_{278} 9 18.9 33°.12 4°.6/14.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 8.63	−13 51.1	1.962	2.866	11.0	18.6
8 29	0 2.72	−14 34.3	1.912	2.868	8.0	18.5
9 8	23 55.20	−15 14.9	1.886	2.870	5.3	18.3
9 18	23 46.80	−15 46.9	1.888	2.873	4.8	18.3
9 28	23 38.43	−16 5.1	1.916	2.876	7.0	18.4
10 8	23 31.01	−16 6.4	1.971	2.879	10.1	18.6
10 18	23 25.24	−15 50.0	2.050	2.882	12.9	18.8
10 28	23 21.61	−15 16.8	2.148	2.885	15.4	19.0

507656 2013 PN_{71} 9 18.9 40°.22 4°.8/22.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 10.72	+ 9 17.4	1.049	1.933	19.9	20.4
8 29	0 5.04	+ 9 36.2	1.009	1.949	15.1	20.2
9 8	23 56.71	+ 9 28.7	0.988	1.966	9.9	20.0
9 18	23 46.94	+ 8 57.6	0.989	1.985	5.5	19.8
9 28	23 37.32	+ 8 10.0	1.012	2.003	6.0	19.9
10 8	23 29.40	+ 7 16.2	1.059	2.023	10.3	20.2
10 18	23 24.22	+ 6 26.2	1.127	2.043	14.9	20.5
10 28	23 22.34	+ 5 47.9	1.214	2.064	18.8	20.9

272237 2005 QW_{114} 9 18.9 319°.66 0°.0/18.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 9.96	− 0 2.0	1.456	2.350	14.7	20.6
8 29	0 4.19	− 0 20.1	1.392	2.346	10.5	20.3
9 8	23 56.22	− 0 50.0	1.351	2.343	5.7	20.1
9 18	23 46.91	− 1 27.2	1.334	2.339	0.5	19.7
9 28	23 37.46	− 2 4.9	1.344	2.336	4.7	20.0
10 8	23 29.14	− 2 36.3	1.380	2.332	9.6	20.3
10 18	23 22.91	− 2 56.2	1.439	2.329	14.0	20.5
10 28	23 19.45	− 3 1.2	1.518	2.327	17.7	20.8

32732 1975 SH_1 9 18.9 6°.45 1°.7/17.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 6.23	− 4 13.9	1.721	2.623	12.4	18.7
8 29	0 1.23	− 4 52.5	1.663	2.623	8.6	18.5
9 8	23 54.49	− 5 37.8	1.630	2.624	4.5	18.3
9 18	23 46.75	− 6 24.3	1.622	2.625	1.8	18.1
9 28	23 38.97	− 7 5.4	1.642	2.627	5.1	18.3
10 8	23 32.14	− 7 35.6	1.688	2.629	9.1	18.5
10 18	23 27.03	− 7 51.3	1.757	2.632	12.7	18.8
10 28	23 24.16	− 7 50.8	1.847	2.635	15.8	19.0

139038 2001 ED_2 9 18.9 208°.15 5°.5/13.3 18

8 19	0 10.24	−13 35.0	1.813	2.717	11.8	20.4
8 29	0 4.09	−15 3.1	1.755	2.711	8.6	20.2
9 8	23 56.05	−16 30.6	1.723	2.705	6.0	20.0
9 18	23 46.89	−17 48.8	1.718	2.698	5.9	20.0
9 28	23 37.63	−18 49.5	1.740	2.691	8.4	20.1
10 8	23 29.33	−19 27.5	1.788	2.682	11.7	20.3
10 18	23 22.84	−19 41.0	1.859	2.673	14.8	20.5
10 28	23 18.75	−19 31.0	1.948	2.664	17.4	20.7

134720 2000 AX_{29} 9 18.9 12°.24 6°.4/ 2.6 18

8 19	0 3.22	+32 46.9	4.126	4.779	10.0	18.8
8 29	23 58.51	+33 20.2	4.040	4.780	9.0	18.7
9 8	23 52.86	+33 38.2	3.974	4.781	7.9	18.7
9 18	23 46.61	+33 40.0	3.930	4.783	7.0	18.6
9 28	23 40.25	+33 25.7	3.911	4.785	6.5	18.6
10 8	23 34.26	+32 57.1	3.917	4.787	6.5	18.6
10 18	23 29.08	+32 17.1	3.949	4.789	7.1	18.6
10 28	23 25.10	+31 29.4	4.006	4.791	8.0	18.7

356442 2010 XR_{24} 9 18.9 264°.48 0°.9/20.9 18

8 19	23 58.39	+ 5 44.3	4.498	5.349	6.4	20.7
8 29	23 54.96	+ 5 14.0	4.412	5.341	4.7	20.6
9 8	23 50.89	+ 4 37.1	4.353	5.332	2.8	20.4
9 18	23 46.44	+ 3 55.2	4.322	5.323	1.1	20.3
9 28	23 41.95	+ 3 10.6	4.323	5.314	1.7	20.3
10 8	23 37.74	+ 2 25.8	4.353	5.305	3.6	20.5
10 18	23 34.12	+ 1 43.3	4.412	5.296	5.4	20.6
10 28	23 31.35	+ 1 5.3	4.498	5.287	7.1	20.7

185794 1999 VB_{127} 9 18.9 39°.59 1°.8/17.2 18

8 19	0 6.57	− 4 45.4	1.900	2.798	11.6	20.5
8 29	0 1.30	− 5 22.7	1.847	2.805	8.0	20.3
9 8	23 54.46	− 6 5.5	1.819	2.812	4.2	20.1
9 18	23 46.76	− 6 48.3	1.817	2.820	1.8	20.0
9 28	23 39.08	− 7 25.7	1.843	2.827	4.8	20.2
10 8	23 32.30	− 7 52.8	1.897	2.835	8.5	20.4
10 18	23 27.11	− 8 6.6	1.974	2.843	11.8	20.7
10 28	23 24.00	− 8 5.5	2.073	2.851	14.6	20.9

244049 2001 TL_{13} 9 18.9 18°.68 7°.4/25.1 18

8 19	23 52.17	+14 36.0	0.515	1.444	26.8	17.8
8 29	23 52.88	+14 29.9	0.501	1.461	21.1	17.6
9 8	23 50.48	+13 32.1	0.500	1.482	14.8	17.4
9 18	23 46.41	+11 51.8	0.512	1.507	9.1	17.3
9 28	23 42.57	+ 9 47.8	0.541	1.536	7.7	17.3
10 8	23 40.59	+ 7 43.3	0.588	1.567	11.7	17.7
10 18	23 41.39	+ 5 56.6	0.651	1.602	16.7	18.2
10 28	23 45.31	+ 4 38.8	0.730	1.638	21.2	18.6

48509 1993 FQ_{12} 9 18.9 129°.52 1°.9/17.2 18

8 19	0 9.75	− 3 37.3	1.661	2.558	13.1	19.3
8 29	0 3.70	− 4 35.0	1.610	2.567	9.1	19.1
9 8	23 55.81	− 5 40.4	1.583	2.576	4.7	18.9
9 18	23 46.89	− 6 46.8	1.582	2.585	1.9	18.7
9 28	23 38.01	− 7 46.5	1.610	2.593	5.4	18.9
10 8	23 30.22	− 8 32.9	1.664	2.601	9.5	19.2
10 18	23 24.32	− 9 2.4	1.742	2.609	13.2	19.5
10 28	23 20.83	− 9 13.1	1.840	2.616	16.3	19.7

236427 2006 DX_{115} 9 18.9 226°.44 1°.1/17.9 18

8 19	0 8.01	− 1 55.1	1.961	2.850	11.7	21.8
8 29	0 2.42	− 2 42.5	1.889	2.843	8.2	21.5
9 8	23 55.14	− 3 39.0	1.842	2.834	4.3	21.3
9 18	23 46.84	− 4 39.3	1.822	2.826	1.1	21.0
9 28	23 38.40	− 5 37.1	1.831	2.817	4.4	21.3
10 8	23 30.75	− 6 26.3	1.867	2.808	8.4	21.5
10 18	23 24.67	− 7 2.3	1.928	2.798	12.0	21.7
10 28	23 20.71	− 7 22.5	2.011	2.788	15.0	21.9

62662 2000 SN_{366} 9 18.9 255°.08 3°.1/15.9 18

8 19	0 9.67	−10 9.8	2.153	3.049	10.5	19.4
8 29	0 3.44	−10 37.8	2.086	3.041	7.4	19.1
9 8	23 55.62	−11 6.3	2.044	3.033	4.4	18.9
9 18	23 46.88	−11 30.5	2.030	3.025	3.2	18.9
9 28	23 38.06	−11 45.8	2.045	3.017	5.6	19.0
10 8	23 30.04	−11 48.8	2.087	3.008	8.8	19.2
10 18	23 23.54	−11 37.8	2.154	3.000	11.9	19.4
10 28	23 19.07	−11 12.6	2.243	2.991	14.5	19.5

25102 Zhaoye 9 18.9 208°.83 1°.2/20.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 7.63	+ 4 1.7	1.866	2.741	12.9	19.0
8 29	0 2.18	+ 3 38.5	1.798	2.740	9.4	18.8
9 8	23 55.02	+ 3 1.8	1.753	2.739	5.4	18.6
9 18	23 46.83	+ 2 15.3	1.735	2.738	1.6	18.3
9 28	23 38.56	+ 1 24.4	1.745	2.737	3.6	18.4
10 8	23 31.13	+ 0 35.4	1.782	2.736	7.7	18.7
10 18	23 25.34	− 0 6.2	1.844	2.735	11.4	18.9
10 28	23 21.74	− 0 36.1	1.929	2.733	14.6	19.1

223465 2003 UL_{110} 9 18.9 292°.80 1°.3/17.5 18

8 19	0 4.88	− 3 18.5	2.258	3.150	10.3	20.3
8 29	0 0.11	− 3 59.5	2.176	3.131	7.2	20.1
9 8	23 53.88	− 4 47.6	2.118	3.111	3.8	19.8
9 18	23 46.74	− 5 38.2	2.088	3.092	1.3	19.6
9 28	23 39.42	− 6 26.2	2.087	3.072	4.2	19.8
10 8	23 32.69	− 7 6.6	2.114	3.053	7.7	20.0
10 18	23 27.25	− 7 35.4	2.166	3.033	11.0	20.2
10 28	23 23.63	− 7 50.2	2.240	3.014	13.8	20.3

156795 2003 BX_{15} 9 18.9 204°.12 3°.7/15.6 17

8 19	0 10.56	− 9 24.7	1.750	2.652	12.2	20.3
8 29	0 4.31	−10 16.4	1.691	2.650	8.6	20.0
9 8	23 56.18	−11 10.3	1.657	2.647	5.1	19.8
9 18	23 46.94	−11 59.5	1.649	2.644	3.8	19.8
9 28	23 37.65	−12 37.1	1.669	2.641	6.7	19.9
10 8	23 29.37	−12 58.4	1.715	2.637	10.4	20.1
10 18	23 22.94	−13 1.0	1.784	2.633	13.8	20.4
10 28	23 18.92	−12 44.9	1.874	2.629	16.7	20.6

264074 2009 SF_{185} 9 18.9 306°.10 1°.8/22.4 16

8 19	23 59.41	+ 9 6.9	4.025	4.862	7.4	20.1
8 29	23 55.76	+ 8 50.5	3.938	4.853	5.6	20.0
9 8	23 51.35	+ 8 25.7	3.876	4.844	3.7	19.8
9 18	23 46.51	+ 7 53.8	3.842	4.835	2.0	19.7
9 28	23 41.61	+ 7 17.0	3.838	4.826	2.2	19.7
10 8	23 37.03	+ 6 37.9	3.863	4.817	3.9	19.8
10 18	23 33.13	+ 5 59.2	3.917	4.809	5.9	19.9
10 28	23 30.19	+ 5 23.7	3.997	4.800	7.7	20.1

378659 2008 GU_{97} 9 18.9 135°.31 1°.0/19.9 17

8 19	0 10.26	+ 3 40.1	1.749	2.624	13.6	21.6
8 29	0 4.02	+ 3 6.4	1.692	2.635	9.8	21.4
9 8	23 55.98	+ 2 18.9	1.658	2.645	5.5	21.2
9 18	23 46.93	+ 1 21.9	1.650	2.654	1.3	20.9
9 28	23 37.88	+ 0 22.1	1.671	2.663	3.9	21.1
10 8	23 29.87	− 0 33.7	1.720	2.672	8.1	21.4
10 18	23 23.68	− 1 19.8	1.793	2.680	11.9	21.6
10 28	23 19.84	− 1 52.1	1.889	2.687	15.1	21.9

76980 2001 BS_{63} 9 18.9 220°.65 0°.3/19.2 18

8 19	0 8.68	+ 2 23.1	1.531	2.419	14.5	19.7
8 29	0 3.23	+ 1 35.9	1.465	2.416	10.4	19.4
9 8	23 55.71	+ 0 33.0	1.422	2.412	5.7	19.1
9 18	23 46.91	− 0 40.0	1.404	2.408	0.7	18.8
9 28	23 37.98	− 1 54.9	1.413	2.404	4.5	19.0
10 8	23 30.07	− 3 2.7	1.448	2.400	9.3	19.3
10 18	23 24.14	− 3 56.8	1.507	2.395	13.7	19.6
10 28	23 20.82	− 4 32.7	1.587	2.390	17.3	19.8

170668 2003 YU_{155} 9 18.9 256°.42 1°.8/20.9 18

8 19	0 6.04	+ 6 53.2	2.064	2.926	12.4	20.6
8 29	0 1.05	+ 6 18.6	1.979	2.912	9.2	20.4
9 8	23 54.44	+ 5 28.2	1.918	2.899	5.6	20.2
9 18	23 46.80	+ 4 25.0	1.883	2.884	2.2	19.9
9 28	23 38.97	+ 3 14.6	1.878	2.870	3.5	20.0
10 8	23 31.81	+ 2 3.6	1.900	2.855	7.2	20.2
10 18	23 26.08	+ 0 58.4	1.948	2.840	10.8	20.4
10 28	23 22.37	+ 0 4.5	2.020	2.824	14.0	20.6

79238 1994 PM_{36} 9 18.9 357°.64 0°.7/18.5 18

8 19	0 3.27	− 0 16.3	0.998	1.920	17.4	17.9
8 29	0 0.04	− 0 53.7	0.947	1.914	12.3	17.6
9 8	23 54.21	− 1 48.2	0.914	1.910	6.5	17.3
9 18	23 46.78	− 2 51.7	0.903	1.908	0.8	16.9
9 28	23 39.24	− 3 53.4	0.915	1.908	6.0	17.3
10 8	23 33.09	− 4 42.6	0.948	1.909	11.8	17.6
10 18	23 29.47	− 5 12.0	1.002	1.911	16.9	17.9
10 28	23 29.03	− 5 18.0	1.072	1.915	21.1	18.2

362891 2012 BT_{127} 9 18.9 80°.75 2°.5/15.8 18

8 19	0 4.11	− 6 28.6	2.210	3.110	10.1	20.0
8 29	23 59.45	− 7 38.3	2.156	3.116	7.0	19.9
9 8	23 53.45	− 8 52.2	2.129	3.122	3.9	19.7
9 18	23 46.71	−10 4.2	2.130	3.127	2.6	19.6
9 28	23 39.96	−11 8.4	2.159	3.133	5.1	19.8
10 8	23 33.95	−11 59.6	2.215	3.139	8.3	20.0
10 18	23 29.26	−12 34.8	2.297	3.145	11.2	20.2
10 28	23 26.34	−12 52.8	2.400	3.151	13.6	20.4

306090 2010 HP_{25} 9 18.9 217°.56 2°.1/16.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 6.17	− 4 58.4	1.943	2.841	11.4	20.6
8 29	0 1.08	− 5 56.2	1.882	2.841	7.9	20.4
9 8	23 54.40	− 7 0.3	1.846	2.840	4.2	20.2
9 18	23 46.80	− 8 4.4	1.838	2.839	2.2	20.0
9 28	23 39.14	− 9 2.1	1.857	2.838	5.2	20.2
10 8	23 32.31	− 9 47.6	1.904	2.837	8.8	20.5
10 18	23 27.02	−10 17.3	1.975	2.835	12.2	20.7
10 28	23 23.79	−10 29.6	2.067	2.834	15.0	20.9

60681 2000 GE_{31} 9 18.9 21°.35 3°.5/17.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 9.87	− 7 21.6	0.777	1.713	19.2	17.6
8 29	0 4.85	− 7 30.1	0.749	1.723	13.5	17.3
9 8	23 56.73	− 7 43.2	0.738	1.735	7.3	17.1
9 18	23 47.00	− 7 52.3	0.747	1.749	3.5	16.9
9 28	23 37.61	− 7 49.2	0.776	1.765	8.0	17.2
10 8	23 30.34	− 7 28.8	0.826	1.782	13.7	17.6
10 18	23 26.27	− 6 50.2	0.894	1.801	18.7	18.0
10 28	23 25.86	− 5 54.4	0.978	1.821	22.7	18.3

514459 2016 UJ_{97} 9 18.9 277°.42 2°.2/21.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 6.50	+ 7 5.2	1.799	2.667	13.7	21.6
8 29	0 1.51	+ 6 39.5	1.723	2.659	10.2	21.4
9 8	23 54.73	+ 5 56.7	1.671	2.651	6.3	21.1
9 18	23 46.84	+ 4 59.8	1.643	2.644	2.6	20.9
9 28	23 38.77	+ 3 54.7	1.644	2.636	3.8	20.9
10 8	23 31.52	+ 2 48.6	1.671	2.628	7.8	21.2
10 18	23 25.92	+ 1 48.6	1.723	2.620	11.7	21.4
10 28	23 22.57	+ 1 0.3	1.798	2.613	15.1	21.6

173016 2006 PZ_{26} 9 18.9 334°.29 2°.7/21.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 6.91	+ 7 38.5	1.794	2.659	13.8	19.8
8 29	0 1.78	+ 7 29.0	1.723	2.656	10.4	19.6
9 8	23 54.87	+ 7 2.9	1.675	2.653	6.6	19.3
9 18	23 46.86	+ 6 22.8	1.652	2.650	3.2	19.1
9 28	23 38.72	+ 5 33.5	1.656	2.648	4.0	19.2
10 8	23 31.44	+ 4 41.4	1.687	2.645	7.7	19.4
10 18	23 25.84	+ 3 53.2	1.744	2.643	11.5	19.6
10 28	23 22.50	+ 3 14.2	1.822	2.641	14.7	19.8

136058 2002 XH_{53} 9 18.9 4°.06 2°.5/17.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 5.20	− 5 2.2	1.300	2.216	14.5	18.5
8 29	0 0.92	− 5 42.7	1.249	2.215	10.1	18.3
9 8	23 54.50	− 6 30.8	1.220	2.216	5.4	18.0
9 18	23 46.83	− 7 19.1	1.215	2.218	2.5	17.8
9 28	23 39.14	− 7 59.2	1.235	2.220	6.3	18.1
10 8	23 32.64	− 8 24.6	1.278	2.225	10.9	18.4
10 18	23 28.27	− 8 31.4	1.344	2.230	15.1	18.6
10 28	23 26.59	− 8 18.4	1.428	2.236	18.6	18.9

296588 2009 RW_{30} 9 18.9 274°.83 0°.1/18.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 0.66	− 1 24.0	4.307	5.182	6.2	20.4
8 29	23 56.56	− 1 38.6	4.228	5.174	4.3	20.3
9 8	23 51.77	− 1 56.8	4.177	5.167	2.3	20.1
9 18	23 46.58	− 2 16.9	4.155	5.160	0.2	19.9
9 28	23 41.35	− 2 36.8	4.164	5.153	2.0	20.1
10 8	23 36.43	− 2 54.5	4.203	5.146	4.1	20.2
10 18	23 32.16	− 3 8.1	4.270	5.139	6.0	20.4
10 28	23 28.80	− 3 16.2	4.362	5.132	7.6	20.5

47491 2000 AE_{39} 9 18.9 322°.19 5°.4/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 10.91	+12 24.4	1.737	2.577	15.3	19.2
8 29	0 4.77	+13 2.5	1.662	2.573	12.1	19.0
9 8	23 56.56	+13 21.8	1.609	2.568	8.7	18.8
9 18	23 47.03	+13 21.9	1.581	2.564	5.9	18.6
9 28	23 37.25	+13 4.8	1.579	2.560	5.8	18.6
10 8	23 28.38	+12 35.6	1.604	2.556	8.5	18.8
10 18	23 21.37	+12 0.9	1.653	2.553	12.0	19.0
10 28	23 16.90	+11 27.6	1.725	2.549	15.2	19.2

488433 2016 XD_{22} 9 18.9 344°.07 7°.2/11.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	23 57.50	−10 26.8	1.102	2.040	14.5	19.6
8 29	23 55.89	−12 58.5	1.047	2.022	10.4	19.3
9 8	23 51.99	−15 38.8	1.015	2.005	7.4	19.1
9 18	23 46.62	−18 11.0	1.006	1.990	8.2	19.1
9 28	23 41.03	−20 17.7	1.020	1.977	12.0	19.2
10 8	23 36.56	−21 46.7	1.054	1.966	16.4	19.5
10 18	23 34.28	−22 33.3	1.107	1.956	20.4	19.7
10 28	23 34.88	−22 38.3	1.174	1.949	23.7	19.9

356261 2009 VB_{3} 9 18.9 299°.25 2°.5/14.4 16 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 2.26	−14 32.9	4.322	5.214	5.8	19.8
8 29	23 57.65	−14 52.3	4.260	5.210	4.2	19.7
9 8	23 52.34	−15 9.9	4.225	5.206	2.8	19.6
9 18	23 46.64	−15 23.4	4.220	5.202	2.6	19.6
9 28	23 40.93	−15 30.8	4.245	5.198	3.7	19.7
10 8	23 35.59	−15 30.6	4.298	5.195	5.4	19.8
10 18	23 30.95	−15 22.0	4.378	5.191	6.9	19.9
10 28	23 27.29	−15 4.7	4.482	5.187	8.3	20.0

267168 2000 HR_{86} 9 18.9 110°.90 1°.3/17.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 9.54	− 1 51.8	1.690	2.583	13.1	21.0
8 29	0 3.51	− 2 47.8	1.643	2.598	9.1	20.8
9 8	23 55.70	− 3 52.8	1.619	2.612	4.7	20.5
9 18	23 46.95	− 5 0.4	1.622	2.626	1.3	20.3
9 28	23 38.28	− 6 3.0	1.653	2.640	4.9	20.6
10 8	23 30.69	− 6 54.1	1.711	2.653	9.0	20.9
10 18	23 24.96	− 7 29.5	1.794	2.665	12.7	21.1
10 28	23 21.56	− 7 47.2	1.897	2.678	15.7	21.4

453478 2009 SQ_{225} 9 18.9 338°.89 11°.7/ 3.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 2.96	+32 24.3	1.829	2.551	18.9	20.3
8 29	23 59.36	+33 3.8	1.742	2.537	17.0	20.1
9 8	23 53.75	+33 11.0	1.671	2.524	15.0	20.0
9 18	23 46.79	+32 42.0	1.619	2.512	13.1	19.8
9 28	23 39.51	+31 36.1	1.588	2.501	11.9	19.7
10 8	23 33.05	+29 58.2	1.579	2.490	11.9	19.7
10 18	23 28.40	+27 57.1	1.593	2.481	13.1	19.7
10 28	23 26.27	+25 44.9	1.630	2.472	15.1	19.9

317987 2004 BQ_{34} 9 18.9 111°.40 5°.4/13.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 9.80	−11 52.0	1.546	2.456	13.0	20.5
8 29	0 3.84	−13 20.6	1.507	2.467	9.3	20.3
9 8	23 55.93	−14 48.5	1.492	2.478	6.1	20.1
9 18	23 46.97	−16 6.1	1.502	2.489	5.7	20.1
9 28	23 38.12	−17 4.9	1.540	2.499	8.5	20.3
10 8	23 30.48	−17 39.8	1.602	2.509	12.0	20.5
10 18	23 24.87	−17 49.5	1.686	2.519	15.2	20.8
10 28	23 21.81	−17 35.5	1.788	2.528	17.9	21.0

112837 2002 QS_{17} 9 18.9 55°.31 1°.0/19.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 11.35	+ 2 40.8	1.199	2.095	17.1	19.5
8 29	0 5.19	+ 2 21.2	1.161	2.114	12.2	19.3
9 8	23 56.71	+ 1 45.2	1.145	2.135	6.8	19.0
9 18	23 47.04	+ 0 58.6	1.151	2.155	1.4	18.8
9 28	23 37.59	+ 0 9.6	1.183	2.176	4.8	19.1
10 8	23 29.71	− 0 33.4	1.240	2.198	9.9	19.4
10 18	23 24.29	− 1 4.4	1.319	2.219	14.3	19.7
10 28	23 21.85	− 1 19.3	1.418	2.241	18.0	20.0

60105 1999 TJ_{197} 9 18.9 193°.97 1°.5/20.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 10.46	+ 4 34.8	1.678	2.552	14.2	19.6
8 29	0 4.38	+ 4 12.6	1.610	2.551	10.4	19.3
9 8	23 56.31	+ 3 35.1	1.565	2.550	6.1	19.1
9 18	23 47.03	+ 2 45.8	1.545	2.548	1.9	18.8
9 28	23 37.63	+ 1 51.0	1.553	2.545	4.0	19.0
10 8	23 29.20	+ 0 57.8	1.588	2.543	8.4	19.2
10 18	23 22.66	+ 0 12.6	1.648	2.540	12.5	19.5
10 28	23 18.62	− 0 19.9	1.730	2.536	15.9	19.7

266517 2008 EM_{140} 9 18.9 33°.04 1°.4/18.0 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 9.81	− 2 55.0	1.058	1.974	17.1	19.7
8 29	0 4.34	− 3 20.2	1.022	1.988	12.0	19.5
9 8	23 56.34	− 3 55.9	1.007	2.002	6.3	19.2
9 18	23 47.02	− 4 34.3	1.014	2.018	1.4	18.9
9 28	23 37.92	− 5 7.0	1.045	2.035	6.1	19.3
10 8	23 30.49	− 5 26.8	1.099	2.053	11.4	19.7
10 18	23 25.68	− 5 29.7	1.174	2.071	16.0	20.0
10 28	23 24.00	− 5 14.4	1.267	2.090	19.7	20.3

312778 2010 VA_{30} 9 18.9 287°.50 3°.3/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	23 59.70	−17 52.2	4.226	5.122	5.8	19.8
8 29	23 55.95	−18 39.4	4.166	5.113	4.4	19.7
9 8	23 51.48	−19 23.9	4.134	5.104	3.4	19.7
9 18	23 46.59	−20 2.8	4.131	5.095	3.5	19.7
9 28	23 41.67	−20 33.5	4.157	5.087	4.7	19.7
10 8	23 37.09	−20 54.1	4.210	5.078	6.1	19.8
10 18	23 33.19	−21 3.6	4.288	5.069	7.6	19.9
10 28	23 30.25	−21 1.7	4.388	5.060	8.9	20.0

147703 2005 GU_{203} 9 18.9 6°.26 2°.8/17.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 13.10	− 8 0.2	0.916	1.841	18.2	18.5
8 29	0 7.14	− 7 37.7	0.872	1.841	12.9	18.2
9 8	23 58.07	− 7 16.8	0.846	1.842	7.0	17.9
9 18	23 47.20	− 6 52.0	0.842	1.845	2.8	17.6
9 28	23 36.39	− 6 18.2	0.860	1.849	7.2	17.9
10 8	23 27.49	− 5 32.3	0.900	1.856	13.0	18.3
10 18	23 21.72	− 4 33.9	0.960	1.863	18.0	18.6
10 28	23 19.70	− 3 23.6	1.036	1.873	22.2	18.9

482702 2013 CC_{155} 9 18.9 276°.23 1°.7/20.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 9.15	+ 4 18.4	1.968	2.837	12.6	21.2
8 29	0 3.37	+ 4 15.7	1.882	2.820	9.3	20.9
9 8	23 55.77	+ 4 0.7	1.819	2.803	5.6	20.7
9 18	23 47.00	+ 3 35.5	1.783	2.785	2.0	20.4
9 28	23 37.95	+ 3 4.2	1.776	2.767	3.7	20.5
10 8	23 29.60	+ 2 32.0	1.795	2.750	7.7	20.7
10 18	23 22.82	+ 2 3.9	1.841	2.732	11.4	20.9
10 28	23 18.24	+ 1 44.4	1.909	2.714	14.7	21.1

242004 2002 PW_{37} 9 18.9 243°.19 1°.9/16.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 3.09	− 4 36.7	2.498	3.392	9.3	20.2
8 29	23 58.70	− 5 53.7	2.429	3.386	6.4	20.0
9 8	23 53.09	− 7 16.7	2.386	3.379	3.4	19.8
9 18	23 46.75	− 8 40.5	2.372	3.372	2.0	19.7
9 28	23 40.32	− 9 58.9	2.388	3.365	4.5	19.8
10 8	23 34.46	−11 6.6	2.433	3.358	7.6	20.0
10 18	23 29.75	−11 59.8	2.503	3.351	10.4	20.2
10 28	23 26.62	−12 36.4	2.596	3.344	12.7	20.3

353204 2009 SR_{281} 9 18.9 292°.84 1°.3/16.5 16

8 19	23 59.64	− 6 43.1	4.190	5.080	6.0	20.8
8 29	23 55.88	− 7 14.5	4.122	5.076	4.1	20.7
9 8	23 51.44	− 7 47.8	4.081	5.072	2.2	20.5
9 18	23 46.60	− 8 20.4	4.069	5.069	1.3	20.5
9 28	23 41.73	− 8 50.1	4.088	5.065	2.8	20.6
10 8	23 37.19	− 9 14.5	4.136	5.062	4.7	20.7
10 18	23 33.30	− 9 32.0	4.211	5.058	6.5	20.8
10 28	23 30.35	− 9 41.5	4.310	5.054	8.1	21.0

4756 Asaramas 9 18.9 113°.11 3°.7/23.6 18

8 19	0 5.31	+13 6.3	2.257	3.088	12.6	17.1
8 29	0 0.35	+12 48.6	2.187	3.094	9.8	16.9
9 8	23 53.99	+12 13.3	2.140	3.099	6.8	16.7
9 18	23 46.83	+11 22.4	2.118	3.105	4.3	16.6
9 28	23 39.61	+10 19.9	2.125	3.111	4.1	16.6
10 8	23 33.10	+ 9 11.9	2.160	3.116	6.5	16.7
10 18	23 27.94	+ 8 4.2	2.222	3.121	9.4	16.9
10 28	23 24.61	+ 7 2.7	2.309	3.127	12.1	17.1

244533 2002 TX_{378} 9 18.9 28°.42 1°.4/20.4 18

8 19	0 5.49	+ 5 7.1	1.580	2.463	14.4	20.6
8 29	0 0.86	+ 4 30.4	1.523	2.468	10.5	20.3
9 8	23 54.40	+ 3 36.7	1.488	2.474	6.1	20.1
9 18	23 46.87	+ 2 31.1	1.478	2.481	1.8	19.8
9 28	23 39.32	+ 1 20.7	1.495	2.488	3.9	20.0
10 8	23 32.77	+ 0 13.8	1.537	2.495	8.3	20.3
10 18	23 28.04	− 0 42.8	1.605	2.503	12.3	20.6
10 28	23 25.66	− 1 24.1	1.693	2.511	15.7	20.8

49826 1999 XN_{74} 9 18.9 119°.82 1°.5/17.7 18

8 19	0 9.53	− 2 10.8	1.544	2.441	13.8	19.0
8 29	0 3.71	− 3 6.4	1.492	2.449	9.6	18.7
9 8	23 55.91	− 4 12.1	1.463	2.456	5.0	18.5
9 18	23 47.01	− 5 20.7	1.460	2.464	1.5	18.3
9 28	23 38.12	− 6 23.9	1.484	2.471	5.3	18.6
10 8	23 30.37	− 7 14.7	1.535	2.477	9.7	18.8
10 18	23 24.60	− 7 48.4	1.609	2.484	13.7	19.1
10 28	23 21.38	− 8 2.8	1.703	2.490	16.9	19.3

110761 2001 UM_{19} 9 18.9 145°.71 1°.6/17.3 18

8 19	0 9.30	− 3 9.7	1.932	2.823	11.8	19.9
8 29	0 3.23	− 4 11.4	1.878	2.833	8.2	19.7
9 8	23 55.55	− 5 20.4	1.850	2.842	4.3	19.5
9 18	23 46.97	− 6 30.7	1.849	2.852	1.7	19.3
9 28	23 38.42	− 7 35.2	1.877	2.860	4.8	19.6
10 8	23 30.80	− 8 28.2	1.933	2.868	8.6	19.8
10 18	23 24.83	− 9 5.6	2.014	2.875	12.0	20.0
10 28	23 20.99	− 9 25.8	2.116	2.881	14.8	20.3

80766 2000 CT_{57} 9 18.9 201°.92 0°.4/19.3 18

8 19	0 10.22	+ 1 40.7	1.816	2.695	13.0	20.2
8 29	0 4.10	+ 1 9.8	1.746	2.692	9.3	20.0
9 8	23 56.13	+ 0 26.6	1.700	2.689	5.1	19.7
9 18	23 47.04	− 0 24.3	1.680	2.685	0.7	19.4
9 28	23 37.82	− 1 17.0	1.689	2.680	4.0	19.6
10 8	23 29.50	− 2 4.9	1.726	2.675	8.3	19.9
10 18	23 22.92	− 2 42.8	1.787	2.670	12.2	20.1
10 28	23 18.68	− 3 7.0	1.871	2.664	15.4	20.3

451346 2010 VM_{213} 9 18.9 321°.96 0°.7/19.7 17

8 19	0 5.29	+ 2 27.6	1.863	2.746	12.5	21.8
8 29	0 0.63	+ 2 1.1	1.788	2.736	9.0	21.6
9 8	23 54.27	+ 1 22.1	1.737	2.726	5.1	21.3
9 18	23 46.87	+ 0 34.4	1.712	2.716	1.0	21.0
9 28	23 39.31	− 0 16.4	1.714	2.706	3.7	21.2
10 8	23 32.51	− 1 3.9	1.743	2.697	7.9	21.4
10 18	23 27.27	− 1 42.9	1.797	2.688	11.7	21.6
10 28	23 24.16	− 2 9.1	1.873	2.680	14.9	21.8

82309 2001 KL_{49} 9 18.9 97°.21 1°.2/17.9 18

8 19	0 11.13	− 2 10.0	1.527	2.423	14.1	19.6
8 29	0 4.76	− 2 53.7	1.482	2.438	9.8	19.4
9 8	23 56.44	− 3 46.5	1.460	2.453	5.1	19.2
9 18	23 47.07	− 4 42.0	1.464	2.468	1.2	19.0
9 28	23 37.82	− 5 32.6	1.495	2.482	5.1	19.3
10 8	23 29.81	− 6 11.9	1.552	2.496	9.5	19.6
10 18	23 23.85	− 6 35.9	1.633	2.510	13.4	19.8
10 28	23 20.47	− 6 42.6	1.735	2.524	16.6	20.1

399022 2013 GT_{71} 9 18.9 51°.29 0°.1/18.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 5.94	+ 0 22.9	1.983	2.869	11.8	21.2
8 29	0 0.82	− 0 9.3	1.932	2.883	8.3	21.0
9 8	23 54.24	− 0 50.7	1.906	2.897	4.4	20.8
9 18	23 46.87	− 1 36.9	1.907	2.911	0.4	20.5
9 28	23 39.55	− 2 22.5	1.935	2.926	3.6	20.8
10 8	23 33.10	− 3 2.4	1.992	2.941	7.4	21.1
10 18	23 28.14	− 3 32.4	2.073	2.956	10.7	21.3
10 28	23 25.15	− 3 49.8	2.177	2.971	13.5	21.5

121314 1999 RW_{217} 9 18.9 9°.34 1°.7/20.2 18

8 19	0 6.86	+ 2 52.1	1.138	2.042	17.2	18.2
8 29	0 2.35	+ 2 58.0	1.088	2.044	12.5	18.0
9 8	23 55.39	+ 2 47.0	1.057	2.047	7.2	17.7
9 18	23 46.99	+ 2 23.1	1.049	2.052	2.2	17.4
9 28	23 38.55	+ 1 52.9	1.065	2.059	4.8	17.6
10 8	23 31.49	+ 1 24.5	1.104	2.067	10.1	17.9
10 18	23 26.84	+ 1 4.4	1.164	2.076	14.8	18.2
10 28	23 25.22	+ 0 57.7	1.244	2.087	18.8	18.5

147699 2005 GJ_{57} 9 18.9 6°.76 1°.8/20.4 18

8 19	23 56.28	+ 5 38.6	0.766	1.695	20.3	18.1
8 29	23 55.42	+ 4 55.2	0.726	1.694	14.9	17.8
9 8	23 51.86	+ 3 41.2	0.703	1.697	8.7	17.5
9 18	23 46.68	+ 2 5.8	0.699	1.702	2.4	17.1
9 28	23 41.46	+ 0 24.0	0.714	1.711	5.5	17.4
10 8	23 37.77	− 1 7.8	0.749	1.721	11.7	17.8
10 18	23 36.69	− 2 17.2	0.803	1.735	17.2	18.1
10 28	23 38.79	− 2 57.6	0.873	1.750	21.8	18.5

255214 2005 UQ_{354} 9 18.9 3°.96 6°.4/25.9 18 R

8 19	0 5.38	+18 20.8	1.896	2.709	15.3	19.5
8 29	0 0.73	+18 30.6	1.823	2.708	12.6	19.3
9 8	23 54.35	+18 17.0	1.770	2.709	9.6	19.1
9 18	23 46.91	+17 40.1	1.741	2.709	7.1	19.0
9 28	23 39.32	+16 42.9	1.738	2.710	6.4	19.0
10 8	23 32.55	+15 31.9	1.761	2.711	8.1	19.1
10 18	23 27.40	+14 15.0	1.809	2.713	10.8	19.2
10 28	23 24.43	+13 0.3	1.880	2.715	13.7	19.4

135490 2001 XT_{9} 9 18.9 345°.80 5°.8/14.6 18

8 19	0 7.75	−14 0.3	1.396	2.314	13.6	18.2
8 29	0 2.77	−14 40.3	1.340	2.303	9.9	18.0
9 8	23 55.56	−15 17.2	1.305	2.292	6.7	17.8
9 18	23 47.02	−15 43.1	1.295	2.283	6.1	17.7
9 28	23 38.39	−15 50.9	1.309	2.275	8.8	17.9
10 8	23 30.93	−15 36.4	1.346	2.268	12.7	18.1
10 18	23 25.62	−14 59.3	1.405	2.262	16.4	18.3
10 28	23 23.08	−14 1.4	1.481	2.258	19.5	18.5

64513 2001 VL_{85} 9 18.9 189°.22 0°.3/18.8 18

8 19	0 10.99	− 0 42.0	1.812	2.697	12.8	20.2
8 29	0 4.62	− 1 4.2	1.746	2.696	9.1	20.0
9 8	23 56.41	− 1 35.7	1.705	2.696	4.8	19.7
9 18	23 47.10	− 2 12.2	1.690	2.694	0.4	19.4
9 28	23 37.71	− 2 48.2	1.703	2.693	4.2	19.7
10 8	23 29.26	− 3 18.3	1.744	2.691	8.4	19.9
10 18	23 22.58	− 3 38.1	1.810	2.689	12.2	20.2
10 28	23 18.26	− 3 45.0	1.898	2.686	15.4	20.4

517439 2014 OT_{106} 9 18.9 26°.97 4°.1/23.0 18

8 19	0 7.35	+11 12.8	1.992	2.835	13.5	20.9
8 29	0 1.97	+11 26.4	1.925	2.840	10.5	20.8
9 8	23 54.95	+11 23.3	1.881	2.845	7.3	20.6
9 18	23 46.97	+11 4.5	1.862	2.850	4.6	20.4
9 28	23 38.91	+10 33.2	1.870	2.855	4.5	20.4
10 8	23 31.66	+ 9 54.6	1.906	2.861	7.2	20.6
10 18	23 25.97	+ 9 14.5	1.967	2.867	10.3	20.8
10 28	23 22.36	+ 8 38.4	2.052	2.874	13.2	21.0

220219 2002 VM_{99} 9 18.9 261°.72 4°.0/15.9 18

8 19	0 18.18	−12 11.6	1.936	2.824	11.9	20.3
8 29	0 9.91	−12 34.6	1.847	2.797	8.6	20.1
9 8	23 59.40	−12 56.3	1.783	2.769	5.4	19.8
9 18	23 47.41	−13 10.9	1.747	2.740	4.1	19.7
9 28	23 35.04	−13 12.9	1.741	2.710	6.8	19.8
10 8	23 23.51	−12 58.8	1.764	2.679	10.6	19.9
10 18	23 13.86	−12 27.4	1.812	2.648	14.2	20.1
10 28	23 6.81	−11 39.5	1.881	2.615	17.3	20.3

203953 2003 SJ_{16} 9 18.9 5°.08 2°.3/17.8 18

8 19	0 13.90	− 7 41.5	1.234	2.144	15.6	18.7
8 29	0 7.22	− 7 21.6	1.181	2.144	11.0	18.4
9 8	23 57.98	− 7 3.1	1.150	2.144	6.0	18.1
9 18	23 47.27	− 6 41.8	1.144	2.146	2.3	17.9
9 28	23 36.58	− 6 13.2	1.162	2.150	6.2	18.2
10 8	23 27.39	− 5 34.7	1.205	2.154	11.1	18.5
10 18	23 20.78	− 4 45.5	1.271	2.160	15.6	18.7
10 28	23 17.35	− 3 45.5	1.355	2.166	19.3	19.0