334428 2002 GD_{41} 9 25.9 143°51 2°2/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 38.27	− 5 40.3	2.644	3.470	11.1	21.4
8 29	0 32.93	− 5 59.3	2.570	3.478	8.5	21.2
9 8	0 26.04	− 6 21.8	2.521	3.486	5.6	21.1
9 18	0 18.05	− 6 44.4	2.500	3.493	2.9	20.9
9 28	0 9.60	− 7 3.4	2.508	3.501	2.7	20.9
10 8	0 1.40	− 7 15.3	2.546	3.507	5.2	21.1
10 18	23 54.11	− 7 17.7	2.613	3.514	8.1	21.3
10 28	23 48.27	− 7 9.4	2.705	3.520	10.6	21.5

360160 2013 CC_{69} 9 25.9 276°99 1°5/29.1 18

8 19	0 27.10	+11 0.4	4.492	5.258	7.8	20.9
8 29	0 23.91	+10 55.1	4.394	5.255	6.3	20.8
9 8	0 19.88	+10 41.9	4.319	5.253	4.6	20.7
9 18	0 15.24	+10 21.9	4.272	5.250	2.8	20.5
9 28	0 10.32	+ 9 56.2	4.254	5.248	1.6	20.4
10 8	0 5.46	+ 9 27.1	4.266	5.245	2.4	20.5
10 18	0 1.02	+ 8 56.7	4.308	5.243	4.2	20.6
10 28	23 57.29	+ 8 27.5	4.378	5.240	5.9	20.8

258618 2002 CE_{315} 9 25.9 116°64 1°5/24.2 18

8 19	0 32.36	+ 0 19.6	2.264	3.096	12.5	20.6
8 29	0 28.71	− 0 37.7	2.191	3.103	9.6	20.4
9 8	0 23.41	− 1 45.0	2.142	3.109	6.2	20.2
9 18	0 16.92	− 2 57.8	2.119	3.116	2.8	20.0
9 28	0 9.90	− 4 10.2	2.124	3.122	2.1	20.0
10 8	0 3.12	− 5 16.1	2.159	3.128	5.4	20.2
10 18	23 57.26	− 6 10.5	2.221	3.134	8.7	20.4
10 28	23 52.91	− 6 49.9	2.308	3.140	11.6	20.6

139010 2001 DA_{45} 9 26.0 239°83 0°8/26.6 18

8 19	0 39.25	+ 4 46.6	1.530	2.359	17.6	20.0
8 29	0 35.04	+ 4 43.4	1.451	2.356	13.9	19.8
9 8	0 28.18	+ 4 24.6	1.391	2.353	9.5	19.5
9 18	0 19.26	+ 3 52.5	1.355	2.349	4.6	19.2
9 28	0 9.31	+ 3 12.0	1.345	2.346	1.1	19.0
10 8	23 59.62	+ 2 30.0	1.361	2.343	6.0	19.3
10 18	23 51.38	+ 1 53.4	1.403	2.339	10.8	19.6
10 28	23 45.55	+ 1 28.3	1.468	2.335	15.0	19.8

192464 1998 FJ_{8} 9 26.0 172°04 0°3/26.3 18

8 19	0 39.79	+ 3 8.0	1.846	2.667	15.3	20.2
8 29	0 34.93	+ 3 6.8	1.767	2.668	12.0	20.0
9 8	0 27.82	+ 2 53.9	1.708	2.669	8.1	19.8
9 18	0 19.01	+ 2 31.8	1.675	2.670	3.8	19.5
9 28	0 9.40	+ 2 4.6	1.669	2.671	0.9	19.3
10 8	0 0.04	+ 1 37.4	1.691	2.671	5.3	19.6
10 18	23 51.94	+ 1 15.3	1.741	2.671	9.5	19.9
10 28	23 45.87	+ 1 2.4	1.815	2.671	13.1	20.1

128164 2003 QJ_{104} 9 26.0 350°29 2°5/27.7 18

8 19	0 39.06	+ 5 41.2	1.708	2.527	16.5	18.2
8 29	0 34.69	+ 6 30.5	1.623	2.519	13.2	17.9
9 8	0 27.87	+ 7 8.9	1.558	2.512	9.4	17.7
9 18	0 19.12	+ 7 36.3	1.518	2.507	5.2	17.4
9 28	0 9.36	+ 7 53.6	1.503	2.502	2.5	17.3
10 8	23 59.76	+ 8 3.9	1.516	2.498	5.5	17.4
10 18	23 51.44	+ 8 10.9	1.555	2.495	9.7	17.7
10 28	23 45.32	+ 8 19.2	1.618	2.493	13.5	17.9

446371 2014 HE_{41} 9 26.0 343°77 2°6/23.5 18

8 19	0 32.87	− 2 11.1	1.703	2.557	15.0	21.1
8 29	0 29.74	− 3 3.7	1.630	2.553	11.5	20.9
9 8	0 24.44	− 4 7.3	1.578	2.550	7.6	20.7
9 18	0 17.50	− 5 15.9	1.550	2.547	3.7	20.4
9 28	0 9.78	− 6 22.0	1.549	2.544	3.4	20.4
10 8	0 2.32	− 7 17.7	1.575	2.542	7.2	20.6
10 18	23 56.07	− 7 57.4	1.626	2.540	11.2	20.9
10 28	23 51.80	− 8 17.4	1.699	2.538	14.7	21.1

461205 2015 VW_{120} 9 26.0 313°55 2°6/23.4 17

8 19	0 32.33	− 3 20.0	1.966	2.815	13.5	21.3
8 29	0 29.16	− 4 2.6	1.875	2.796	10.4	21.1
9 8	0 24.01	− 4 54.1	1.807	2.778	6.9	20.8
9 18	0 17.31	− 5 49.7	1.765	2.761	3.4	20.6
9 28	0 9.82	− 6 43.0	1.749	2.743	3.3	20.5
10 8	0 2.44	− 7 27.8	1.761	2.726	6.7	20.7
10 18	23 56.04	− 7 58.8	1.798	2.709	10.5	20.9
10 28	23 51.38	− 8 12.6	1.859	2.693	13.8	21.1

51497 2001 FB_{80} 9 26.0 102°85 2°1/27.9 18

8 19	0 41.77	+ 7 40.3	2.033	2.827	15.0	18.8
8 29	0 36.13	+ 7 58.8	1.962	2.844	12.0	18.7
9 8	0 28.42	+ 8 4.2	1.913	2.860	8.4	18.5
9 18	0 19.21	+ 7 57.6	1.888	2.875	4.7	18.3
9 28	0 9.38	+ 7 41.4	1.892	2.891	2.1	18.1
10 8	23 59.88	+ 7 19.9	1.925	2.906	4.7	18.3
10 18	23 51.63	+ 6 57.5	1.987	2.920	8.3	18.6
10 28	23 45.30	+ 6 39.1	2.073	2.935	11.5	18.8

122068 2000 HH_{6} 9 26.0 16°67 1°1/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 31.33	+ 5 54.4	1.079	1.943	21.0	19.4
8 29	0 29.54	+ 5 44.1	1.025	1.949	16.5	19.2
9 8	0 24.76	+ 5 11.6	0.988	1.958	11.3	18.9
9 18	0 17.73	+ 4 20.6	0.971	1.967	5.5	18.7
9 28	0 9.74	+ 3 19.1	0.977	1.979	1.3	18.4
10 8	0 2.28	+ 2 17.7	1.006	1.991	6.8	18.8
10 18	23 56.65	+ 1 26.0	1.057	2.005	12.1	19.2
10 28	23 53.75	+ 0 51.5	1.129	2.020	16.7	19.5

339343 2005 AK_{4} 9 26.0 341°22 4°2/23.0 18

8 19	0 32.95	− 5 45.7	1.237	2.116	17.9	19.6
8 29	0 30.71	− 6 18.4	1.165	2.102	13.9	19.3
9 8	0 25.59	− 7 0.0	1.112	2.088	9.3	19.0
9 18	0 18.18	− 7 43.3	1.080	2.076	5.1	18.8
9 28	0 9.61	− 8 19.3	1.072	2.066	5.1	18.8
10 8	0 1.31	− 8 39.6	1.088	2.056	9.4	19.0
10 18	23 54.61	− 8 38.8	1.125	2.048	14.2	19.2
10 28	23 50.57	− 8 14.8	1.182	2.042	18.5	19.5

77998 2002 JB_{48} 9 26.0 25°87 5°1/23.5 18

8 19	0 43.47	− 9 22.4	1.058	1.934	20.4	18.4
8 29	0 38.93	− 9 26.2	1.010	1.943	15.8	18.1
9 8	0 30.96	− 9 31.7	0.979	1.953	10.8	17.9
9 18	0 20.49	− 9 31.7	0.970	1.964	6.2	17.7
9 28	0 9.09	− 9 18.8	0.984	1.976	5.8	17.7
10 8	23 58.54	− 8 48.4	1.021	1.989	10.0	18.0
10 18	23 50.29	− 7 59.6	1.081	2.003	14.8	18.3
10 28	23 45.27	− 6 53.8	1.160	2.017	18.9	18.6

366483 2002 LB_{3} 9 26.0 129°95 5°4/ 3.9 18

8 19	0 33.70	+23 39.0	2.760	3.460	13.6	21.3
8 29	0 29.61	+23 44.0	2.673	3.471	11.7	21.2
9 8	0 23.96	+23 30.5	2.606	3.481	9.5	21.0
9 18	0 17.18	+22 57.7	2.562	3.491	7.3	20.9
9 28	0 9.89	+22 6.8	2.544	3.501	5.7	20.8
10 8	0 2.79	+21 1.3	2.554	3.510	5.5	20.8
10 18	23 56.53	+19 46.5	2.592	3.520	6.9	20.9
10 28	23 51.67	+18 28.3	2.658	3.528	9.0	21.1

152800 1999 TG_{136} 9 26.0 20°60 1°5/27.6 18

8 19	0 31.40	+ 8 14.9	1.724	2.548	16.2	19.2
8 29	0 28.54	+ 7 54.7	1.654	2.554	12.8	19.0
9 8	0 23.59	+ 7 16.8	1.604	2.561	8.9	18.8
9 18	0 17.10	+ 6 23.7	1.578	2.569	4.6	18.5
9 28	0 9.92	+ 5 20.8	1.577	2.578	1.5	18.3
10 8	0 3.04	+ 4 15.2	1.604	2.587	5.0	18.6
10 18	23 57.36	+ 3 14.3	1.656	2.597	9.1	18.9
10 28	23 53.58	+ 2 24.3	1.733	2.607	12.7	19.1

433274 2013 AO_{91} 9 26.0 163°67 3°1/18.9 18

8 19	0 26.69	−15 12.3	4.642	5.483	6.4	20.9
8 29	0 23.56	−15 56.5	4.574	5.484	5.0	20.8
9 8	0 19.63	−16 39.6	4.533	5.485	3.8	20.7
9 18	0 15.15	−17 19.2	4.519	5.486	3.1	20.7
9 28	0 10.41	−17 52.5	4.535	5.487	3.6	20.7
10 8	0 5.77	−18 17.4	4.579	5.488	4.7	20.8
10 18	0 1.55	−18 32.7	4.651	5.489	6.1	20.9
10 28	23 58.05	−18 37.5	4.747	5.490	7.4	21.0

314619 2006 DZ_{210} 9 26.0 205°17 1°0/27.6 18

8 19	0 30.58	+ 9 56.7	2.698	3.487	11.9	20.8
8 29	0 27.17	+ 9 1.3	2.604	3.484	9.4	20.6
9 8	0 22.34	+ 7 50.9	2.533	3.481	6.6	20.4
9 18	0 16.46	+ 6 28.0	2.489	3.478	3.4	20.2
9 28	0 10.08	+ 4 57.2	2.474	3.475	1.0	20.0
10 8	0 3.84	+ 3 24.2	2.491	3.472	3.7	20.2
10 18	23 58.34	+ 1 55.1	2.536	3.468	6.8	20.4
10 28	23 54.10	+ 0 35.2	2.610	3.464	9.7	20.6

150147 1996 EO_{10} 9 26.0 347°25 3°2/23.0 18

8 19	0 29.86	+ 0 2.3	1.271	2.142	18.0	19.2
8 29	0 28.12	− 1 23.0	1.203	2.136	13.8	18.9
9 8	0 23.74	− 3 7.6	1.155	2.132	9.0	18.7
9 18	0 17.31	− 5 2.8	1.130	2.128	4.3	18.4
9 28	0 9.88	− 6 56.0	1.129	2.124	4.3	18.4
10 8	0 2.76	− 8 34.3	1.153	2.122	9.0	18.6
10 18	23 57.15	− 9 47.8	1.200	2.120	13.8	18.9
10 28	23 53.97	−10 31.4	1.267	2.119	18.0	19.2

296726 2009 SA_{356} 9 26.0 316°87 1°5/28.9 18

8 19	0 26.61	+10 51.5	4.146	4.917	8.3	21.1
8 29	0 23.64	+10 37.5	4.047	4.913	6.7	21.0
9 8	0 19.76	+10 14.9	3.972	4.909	4.8	20.9
9 18	0 15.24	+ 9 44.6	3.924	4.904	2.9	20.7
9 28	0 10.41	+ 9 8.4	3.905	4.900	1.5	20.6
10 8	0 5.65	+ 8 28.8	3.915	4.896	2.5	20.7
10 18	0 1.32	+ 7 48.3	3.956	4.891	4.5	20.8
10 28	23 57.78	+ 7 9.9	4.024	4.887	6.4	21.0

509884 2009 BZ_{67} 9 26.0 155°.80 3°.9/30.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 39.11	+15 24.1	2.557	3.303	13.5	22.2
8 29	0 33.85	+15 43.8	2.469	3.311	11.2	22.1
9 8	0 26.83	+15 48.5	2.403	3.318	8.5	21.9
9 18	0 18.52	+15 38.0	2.361	3.325	5.8	21.7
9 28	0 9.60	+15 13.6	2.348	3.331	4.0	21.6
10 8	0 0.84	+14 38.4	2.364	3.337	4.7	21.7
10 18	23 53.01	+13 57.1	2.410	3.342	7.1	21.9
10 28	23 46.73	+13 14.8	2.482	3.346	9.8	22.0

140484 2001 TH_{142} 9 26.0 75°.85 6°.3/20.6 18

8 19	0 41.29	−15 55.9	1.916	2.764	13.8	19.3
8 29	0 35.80	−16 37.2	1.863	2.776	10.9	19.2
9 8	0 28.18	−17 15.0	1.832	2.787	8.1	19.0
9 18	0 19.10	−17 42.9	1.827	2.799	6.4	18.9
9 28	0 9.48	−17 54.9	1.849	2.811	7.0	19.0
10 8	0 0.37	−17 47.5	1.897	2.823	9.3	19.2
10 18	23 52.65	−17 19.9	1.971	2.835	12.0	19.4
10 28	23 46.97	−16 33.6	2.066	2.847	14.6	19.6

439523 2014 BZ_{48} 9 26.0 181°.40 3°.4/29.5 18

8 19	0 38.47	+12 56.0	2.217	2.988	14.6	21.6
8 29	0 33.65	+13 7.1	2.127	2.989	12.0	21.4
9 8	0 26.87	+13 2.3	2.059	2.989	8.9	21.2
9 18	0 18.59	+12 41.6	2.014	2.989	5.7	21.1
9 28	0 9.58	+12 7.2	1.998	2.989	3.5	20.9
10 8	0 0.73	+11 23.2	2.010	2.988	4.8	21.0
10 18	23 52.89	+10 35.1	2.050	2.986	7.9	21.2
10 28	23 46.80	+ 9 48.8	2.117	2.984	11.1	21.4

325688 2009 TP_{46} 9 26.0 338°.77 3°.1/23.1 18

8 19	0 36.12	− 6 47.6	2.055	2.901	13.1	20.2
8 29	0 31.87	− 7 12.2	1.978	2.896	10.1	20.0
9 8	0 25.67	− 7 40.9	1.924	2.892	6.7	19.8
9 18	0 18.03	− 8 9.1	1.895	2.888	3.7	19.6
9 28	0 9.73	− 8 31.7	1.895	2.885	3.7	19.6
10 8	0 1.67	− 8 44.0	1.921	2.882	6.7	19.8
10 18	23 54.69	− 8 43.2	1.975	2.879	10.1	20.0
10 28	23 49.46	− 8 27.7	2.052	2.876	13.1	20.2

401221 2011 YD_{67} 9 26.0 114°.24 4°.2/20.9 18

8 19	0 34.57	−10 18.1	2.389	3.236	11.5	20.9
8 29	0 30.30	−11 15.0	2.328	3.245	8.8	20.8
9 8	0 24.42	−12 13.7	2.291	3.254	6.2	20.6
9 18	0 17.39	−13 8.8	2.280	3.264	4.3	20.5
9 28	0 9.90	−13 54.8	2.298	3.273	4.9	20.6
10 8	0 2.69	−14 27.2	2.344	3.281	7.1	20.8
10 18	23 56.43	−14 43.4	2.416	3.290	9.7	20.9
10 28	23 51.68	−14 42.5	2.511	3.298	12.1	21.1

276938 2004 TK_{211} 9 26.0 99°.91 4°.4/ 1.2 18

8 19	0 35.71	+18 29.8	1.911	2.669	17.1	20.9
8 29	0 31.66	+18 3.6	1.840	2.688	14.1	20.8
9 8	0 25.55	+17 13.0	1.788	2.707	10.7	20.6
9 18	0 17.96	+15 59.2	1.760	2.726	7.2	20.4
9 28	0 9.77	+14 26.4	1.758	2.744	4.6	20.3
10 8	0 1.96	+12 42.5	1.784	2.762	5.3	20.4
10 18	23 55.40	+10 56.3	1.838	2.779	8.3	20.6
10 28	23 50.76	+ 9 16.9	1.919	2.796	11.6	20.9

80721 2000 CS_{24} 9 26.0 217°.85 1°.7/24.3 18

8 19	0 36.28	+ 0 40.6	1.796	2.633	15.0	19.5
8 29	0 32.35	− 0 15.2	1.713	2.627	11.6	19.3
9 8	0 26.20	− 1 24.7	1.652	2.621	7.7	19.0
9 18	0 18.35	− 2 42.9	1.617	2.614	3.4	18.8
9 28	0 9.66	− 4 2.1	1.609	2.607	2.5	18.7
10 8	0 1.16	− 5 14.1	1.629	2.599	6.6	18.9
10 18	23 53.85	− 6 12.2	1.675	2.591	10.8	19.2
10 28	23 48.53	− 6 51.6	1.745	2.583	14.4	19.4

418962 2009 GC_{6} 9 26.0 244°.14 2°.7/23.9 17

8 19	0 39.83	− 2 29.1	1.486	2.336	17.0	21.9
8 29	0 35.61	− 3 5.4	1.407	2.328	13.2	21.6
9 8	0 28.65	− 3 53.0	1.349	2.320	8.7	21.4
9 18	0 19.55	− 4 46.4	1.314	2.311	4.2	21.1
9 28	0 9.35	− 5 37.5	1.306	2.302	3.5	21.0
10 8	23 59.40	− 6 18.2	1.323	2.293	7.9	21.3
10 18	23 50.95	− 6 42.5	1.365	2.284	12.6	21.5
10 28	23 44.98	− 6 46.8	1.429	2.274	16.7	21.8

264065 2009 SN_{136} 9 26.0 283°.44 0°.7/27.4 18

8 19	0 26.69	+ 6 43.6	4.362	5.152	7.7	20.6
8 29	0 23.66	+ 6 26.9	4.260	5.141	6.0	20.5
9 8	0 19.77	+ 6 3.3	4.181	5.131	4.2	20.3
9 18	0 15.25	+ 5 34.1	4.131	5.121	2.2	20.2
9 28	0 10.44	+ 5 1.1	4.110	5.110	0.7	20.0
10 8	0 5.68	+ 4 26.6	4.119	5.100	2.4	20.2
10 18	0 1.32	+ 3 53.0	4.158	5.089	4.4	20.3
10 28	23 57.69	+ 3 22.7	4.225	5.079	6.3	20.4

396178 2013 GY_{24} 9 26.0 62°.07 3°.0/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 34.04	+12 44.0	2.085	2.870	15.0	20.1
8 29	0 30.20	+12 39.5	2.014	2.886	12.2	20.0
9 8	0 24.50	+12 17.7	1.964	2.901	8.9	19.8
9 18	0 17.48	+11 39.8	1.938	2.917	5.5	19.6
9 28	0 9.90	+10 49.1	1.939	2.932	3.1	19.5
10 8	0 2.61	+ 9 51.1	1.967	2.948	4.5	19.6
10 18	23 56.39	+ 8 51.8	2.024	2.964	7.7	19.8
10 28	23 51.87	+ 7 57.3	2.106	2.980	10.8	20.1

128733 2004 RV_{152} 9 26.0 200°.25 4°.8/ 1.7 18

8 19	0 36.63	+18 38.1	2.670	3.400	13.4	20.2
8 29	0 32.00	+19 3.9	2.572	3.397	11.3	20.0
9 8	0 25.67	+19 14.1	2.495	3.394	9.0	19.8
9 18	0 18.04	+19 7.8	2.442	3.391	6.6	19.7
9 28	0 9.74	+18 45.6	2.416	3.387	4.9	19.6
10 8	0 1.53	+18 10.2	2.418	3.383	5.2	19.6
10 18	23 54.13	+17 25.8	2.449	3.379	7.2	19.7
10 28	23 48.19	+16 37.7	2.507	3.374	9.6	19.9

71142 1999 XP_{181} 9 26.0 160°.34 3°.2/23.0 18

8 19	0 40.40	− 7 3.7	2.130	2.965	13.0	19.2
8 29	0 35.03	− 7 32.1	2.057	2.970	10.0	19.0
9 8	0 27.68	− 8 4.2	2.008	2.974	6.7	18.8
9 18	0 18.92	− 8 35.4	1.985	2.977	3.8	18.6
9 28	0 9.55	− 9 0.4	1.991	2.981	3.8	18.6
10 8	0 0.49	− 9 14.8	2.026	2.984	6.7	18.8
10 18	23 52.57	− 9 16.0	2.088	2.986	9.9	19.0
10 28	23 46.47	− 9 2.5	2.174	2.988	12.8	19.2

303169 2004 EL_{87} 9 26.0 258°.47 0°.4/25.7 18

8 19	0 35.47	+ 2 23.0	1.987	2.814	14.2	21.2
8 29	0 31.48	+ 2 1.4	1.904	2.811	11.0	21.0
9 8	0 25.49	+ 1 28.2	1.844	2.808	7.4	20.8
9 18	0 17.99	+ 0 46.6	1.809	2.805	3.3	20.6
9 28	0 9.77	+ 0 1.5	1.801	2.802	1.1	20.4
10 8	0 1.76	− 0 41.3	1.821	2.799	5.2	20.7
10 18	23 54.81	− 1 16.8	1.869	2.796	9.1	20.9
10 28	23 49.66	− 1 40.5	1.941	2.793	12.6	21.1

225228 2008 TE_{92} 9 26.0 308°.05 0°.2/26.5 18

8 19	0 26.18	+ 4 22.5	4.323	5.124	7.5	20.1
8 29	0 23.26	+ 3 59.3	4.228	5.120	5.8	19.9
9 8	0 19.50	+ 3 29.9	4.159	5.115	3.9	19.8
9 18	0 15.13	+ 2 55.8	4.117	5.111	1.9	19.6
9 28	0 10.49	+ 2 19.1	4.104	5.106	0.4	19.5
10 8	0 5.91	+ 1 42.4	4.123	5.101	2.5	19.7
10 18	0 1.75	+ 1 7.9	4.170	5.097	4.6	19.8
10 28	23 58.31	+ 0 38.0	4.246	5.093	6.4	20.0

46442 Keithtritton 9 26.0 86°.56 6°.8/ 5.2 18

8 19	0 34.56	+26 3.4	2.515	3.203	15.0	18.2
8 29	0 30.52	+26 32.0	2.432	3.215	13.1	18.0
9 8	0 24.71	+26 40.3	2.367	3.226	11.0	17.9
9 18	0 17.60	+26 26.7	2.324	3.236	8.8	17.8
9 28	0 9.87	+25 51.3	2.306	3.247	7.2	17.7
10 8	0 2.34	+24 57.2	2.314	3.258	6.8	17.7
10 18	23 55.74	+23 49.6	2.350	3.269	7.9	17.8
10 28	23 50.73	+22 35.1	2.411	3.280	9.8	17.9

23968 1998 XA_{13} 9 26.0 261°.61 2°.8/19.9 18

8 19	0 27.13	−13 11.9	4.698	5.537	6.4	18.8
8 29	0 23.93	−13 48.6	4.615	5.526	4.9	18.7
9 8	0 19.91	−14 25.2	4.558	5.515	3.6	18.5
9 18	0 15.31	−14 59.1	4.529	5.504	2.8	18.5
9 28	0 10.45	−15 27.9	4.530	5.493	3.2	18.5
10 8	0 5.66	−15 49.5	4.560	5.482	4.4	18.6
10 18	0 1.26	−16 2.4	4.617	5.471	5.9	18.7
10 28	23 57.57	−16 5.7	4.700	5.460	7.2	18.8

185031 2006 QE_{87} 9 26.0 198°.58 2°.7/28.1 17

8 19	0 40.65	+ 8 51.2	1.610	2.418	17.8	21.2
8 29	0 36.07	+ 9 4.6	1.528	2.417	14.3	20.9
9 8	0 28.88	+ 9 0.7	1.466	2.415	10.2	20.7
9 18	0 19.64	+ 8 39.8	1.426	2.414	5.8	20.4
9 28	0 9.37	+ 8 5.2	1.413	2.412	2.7	20.2
10 8	23 59.33	+ 7 22.9	1.427	2.409	5.7	20.4
10 18	23 50.70	+ 6 39.8	1.467	2.407	10.2	20.7
10 28	23 44.45	+ 6 3.1	1.531	2.404	14.2	20.9

168312 3396 $T\text{-}_{3}$ 9 26.0 335°.99 2°.0/24.5 18

8 19	0 32.67	− 1 18.2	1.346	2.212	17.5	19.9
8 29	0 30.33	− 1 40.1	1.266	2.196	13.6	19.6
9 8	0 25.29	− 2 14.6	1.206	2.180	9.1	19.3
9 18	0 18.09	− 2 56.9	1.168	2.166	4.1	19.0
9 28	0 9.75	− 3 39.4	1.154	2.153	2.8	18.9
10 8	0 1.59	− 4 14.0	1.165	2.141	7.7	19.1
10 18	23 54.87	− 4 33.9	1.199	2.131	12.7	19.4
10 28	23 50.62	− 4 34.8	1.254	2.121	17.1	19.6

443312 2014 FO_{41} 9 26.0 132°.47 3°.8/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 35.81	− 7 58.9	2.274	3.117	12.1	21.7
8 29	0 31.34	− 9 0.1	2.211	3.128	9.2	21.5
9 8	0 25.15	−10 5.1	2.173	3.139	6.3	21.4
9 18	0 17.76	−11 8.1	2.161	3.149	4.0	21.2
9 28	0 9.87	−12 3.1	2.178	3.158	4.5	21.3
10 8	0 2.27	−12 45.1	2.223	3.168	7.0	21.5
10 18	23 55.68	−13 10.9	2.294	3.177	9.8	21.7
10 28	23 50.69	−13 19.1	2.390	3.185	12.4	21.8

256553 2007 PT_{4} 9 26.0 279°.93 1°.4/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 26.88	+10 27.8	4.372	5.143	7.9	20.7
8 29	0 23.81	+10 16.8	4.270	5.135	6.4	20.6
9 8	0 19.88	+ 9 57.8	4.191	5.128	4.6	20.5
9 18	0 15.32	+ 9 31.7	4.139	5.120	2.7	20.3
9 28	0 10.46	+ 9 0.2	4.117	5.112	1.4	20.2
10 8	0 5.66	+ 8 25.3	4.124	5.105	2.4	20.3
10 18	0 1.27	+ 7 49.6	4.162	5.097	4.3	20.4
10 28	23 57.61	+ 7 15.7	4.228	5.089	6.1	20.5

403967 2012 BA_{75} 9 26.0 255°.52 2°.7/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 33.30	− 4 27.2	2.453	3.291	11.5	21.8
8 29	0 29.51	− 5 24.0	2.359	3.274	8.8	21.6
9 8	0 24.05	− 6 28.1	2.289	3.257	5.9	21.4
9 18	0 17.33	− 7 34.9	2.247	3.240	3.2	21.2
9 28	0 9.96	− 8 38.6	2.233	3.223	3.4	21.2
10 8	0 2.68	− 9 33.7	2.248	3.205	6.2	21.4
10 18	23 56.19	−10 15.6	2.291	3.187	9.3	21.5
10 28	23 51.13	−10 41.6	2.358	3.168	12.1	21.7

73771 1994 PR_{14} 9 26.0 69°.99 0°.1/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 34.49	+ 4 34.3	1.733	2.563	15.8	20.1
8 29	0 30.91	+ 3 55.9	1.663	2.571	12.3	19.9
9 8	0 25.17	+ 3 1.9	1.615	2.579	8.2	19.7
9 18	0 17.86	+ 1 56.4	1.591	2.587	3.7	19.4
9 28	0 9.85	+ 0 46.0	1.594	2.595	1.0	19.2
10 8	0 2.17	− 0 21.6	1.625	2.604	5.5	19.6
10 18	23 55.74	− 1 19.7	1.681	2.612	9.7	19.8
10 28	23 51.28	− 2 2.8	1.762	2.620	13.4	20.1

347821 2002 OM_{25} 9 26.0 33°.74 4°.3/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 39.31	+11 15.1	1.572	2.375	18.3	20.5
8 29	0 34.98	+11 58.2	1.503	2.384	15.0	20.3
9 8	0 28.08	+12 23.3	1.452	2.394	11.1	20.1
9 18	0 19.24	+12 29.6	1.425	2.404	7.0	19.9
9 28	0 9.51	+12 18.7	1.422	2.414	4.4	19.8
10 8	0 0.13	+11 55.2	1.446	2.425	6.0	19.9
10 18	23 52.23	+11 25.5	1.495	2.437	9.8	20.1
10 28	23 46.70	+10 56.7	1.568	2.449	13.5	20.4

126973 2002 FR_{22} 9 26.0 105°.55 3°.3/22.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 36.20	− 3 58.2	2.022	2.863	13.4	19.4
8 29	0 31.76	− 5 19.0	1.967	2.885	10.2	19.2
9 8	0 25.47	− 6 47.2	1.937	2.906	6.7	19.1
9 18	0 17.91	− 8 16.0	1.933	2.926	3.7	18.9
9 28	0 9.86	− 9 37.9	1.958	2.946	4.0	19.0
10 8	0 2.21	−10 46.2	2.012	2.965	7.0	19.2
10 18	23 55.71	−11 36.4	2.092	2.984	10.2	19.4
10 28	23 50.96	−12 6.5	2.196	3.002	13.0	19.7

172298 2002 TD_{213} 9 26.0 327°.90 3°.4/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 35.33	− 5 13.3	1.725	2.579	14.8	20.2
8 29	0 31.67	− 5 55.3	1.650	2.574	11.4	19.9
9 8	0 25.77	− 6 44.8	1.597	2.568	7.6	19.7
9 18	0 18.18	− 7 35.9	1.569	2.563	4.1	19.5
9 28	0 9.78	− 8 21.5	1.567	2.558	4.1	19.5
10 8	0 1.64	− 8 55.0	1.591	2.554	7.6	19.7
10 18	23 54.74	− 9 12.0	1.641	2.550	11.5	19.9
10 28	23 49.87	− 9 10.0	1.713	2.546	14.9	20.1

79247 1994 SL_{7} 9 26.0 23°.94 1°.3/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 39.55	− 1 7.8	1.187	2.050	19.6	17.7
8 29	0 35.71	− 1 3.1	1.131	2.057	15.2	17.5
9 8	0 28.80	− 1 9.6	1.092	2.065	10.1	17.2
9 18	0 19.61	− 1 23.0	1.075	2.073	4.5	16.9
9 28	0 9.46	− 1 37.2	1.083	2.083	2.1	16.8
10 8	23 59.88	− 1 45.4	1.114	2.094	7.4	17.2
10 18	23 52.23	− 1 42.9	1.170	2.105	12.5	17.5
10 28	23 47.42	− 1 26.2	1.246	2.117	16.9	17.8

431774 2008 JT_{16} 9 26.0 152°.77 4°.6/22.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 38.85	− 7 28.0	1.657	2.511	15.3	22.2
8 29	0 34.40	− 8 27.5	1.592	2.515	11.8	22.0
9 8	0 27.57	− 9 33.0	1.549	2.518	8.0	21.8
9 18	0 18.98	−10 37.0	1.531	2.521	5.0	21.7
9 28	0 9.62	−11 31.3	1.539	2.524	5.4	21.7
10 8	0 0.64	−12 9.0	1.574	2.526	8.7	21.9
10 18	23 53.07	−12 25.9	1.634	2.529	12.4	22.1
10 28	23 47.70	−12 20.9	1.716	2.531	15.7	22.3

520169 2014 CC_{27} 9 26.0 198°.12 3°.8/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 36.14	+15 36.4	2.375	3.132	14.2	22.2
8 29	0 31.79	+15 37.1	2.279	3.129	11.7	22.0
9 8	0 25.62	+15 20.6	2.204	3.126	8.9	21.8
9 18	0 18.07	+14 46.9	2.154	3.122	6.0	21.6
9 28	0 9.83	+13 58.0	2.131	3.117	3.9	21.5
10 8	0 1.71	+12 58.2	2.136	3.113	4.7	21.5
10 18	23 54.50	+11 53.4	2.170	3.107	7.5	21.7
10 28	23 48.88	+10 49.8	2.231	3.101	10.5	21.9

451384 2011 BA_{53} 9 26.0 308°.13 3°.0/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 34.24	+12 6.9	2.356	3.135	13.6	21.3
8 29	0 30.32	+12 17.0	2.264	3.132	11.1	21.1
9 8	0 24.63	+12 12.7	2.193	3.128	8.2	21.0
9 18	0 17.63	+11 54.3	2.148	3.125	5.2	20.8
9 28	0 9.96	+11 23.8	2.129	3.121	3.1	20.6
10 8	0 2.41	+10 45.1	2.139	3.118	4.4	20.7
10 18	23 55.74	+10 2.9	2.177	3.115	7.4	20.9
10 28	23 50.61	+ 9 22.6	2.241	3.112	10.4	21.1

170928 2005 AU_{7} 9 26.0 289°.81 5°.6/21.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 37.22	− 7 32.7	1.341	2.210	17.3	20.2
8 29	0 33.91	− 8 38.3	1.267	2.198	13.5	19.9
9 8	0 27.72	− 9 52.9	1.213	2.185	9.3	19.6
9 18	0 19.22	−11 7.6	1.182	2.173	6.0	19.4
9 28	0 9.55	−12 11.4	1.175	2.160	6.6	19.4
10 8	0 0.13	−12 54.7	1.193	2.148	10.5	19.6
10 18	23 52.30	−13 11.5	1.234	2.136	15.0	19.8
10 28	23 47.10	−13 0.4	1.294	2.124	18.9	20.1

161484 2004 HU_{42} 9 26.0 12°.83 2°.5/21.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 29.45	−11 2.6	4.253	5.088	7.0	19.8
8 29	0 25.74	−11 26.0	4.177	5.088	5.4	19.7
9 8	0 21.13	−11 49.7	4.127	5.089	3.8	19.6
9 18	0 15.90	−12 11.2	4.106	5.089	2.6	19.5
9 28	0 10.40	−12 28.0	4.114	5.089	2.8	19.5
10 8	0 5.01	−12 38.2	4.151	5.090	4.3	19.6
10 18	0 0.10	−12 40.4	4.217	5.090	5.9	19.7
10 28	23 55.99	−12 33.6	4.309	5.091	7.5	19.8

285410 1999 US_{39} 9 26.0 268°.08 1°.7/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 35.11	− 2 18.7	2.264	3.098	12.4	21.2
8 29	0 30.99	− 2 45.8	2.177	3.089	9.6	21.0
9 8	0 25.08	− 3 20.2	2.112	3.080	6.3	20.8
9 18	0 17.83	− 3 58.3	2.074	3.071	2.9	20.5
9 28	0 9.91	− 4 35.3	2.065	3.062	2.3	20.5
10 8	0 2.15	− 5 6.3	2.084	3.053	5.5	20.7
10 18	23 55.30	− 5 27.6	2.130	3.043	9.0	20.9
10 28	23 50.03	− 5 36.1	2.201	3.034	12.0	21.0

116201 2003 XS_{15} 9 26.0 258°.32 4°.2/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 39.75	− 9 32.9	2.018	2.862	13.4	20.1
8 29	0 34.84	−10 5.9	1.934	2.850	10.4	19.9
9 8	0 27.78	−10 41.6	1.873	2.838	7.2	19.7
9 18	0 19.09	−11 14.5	1.837	2.825	4.6	19.5
9 28	0 9.61	−11 38.7	1.830	2.813	4.9	19.5
10 8	0 0.32	−11 49.3	1.850	2.800	7.8	19.6
10 18	23 52.16	−11 43.4	1.896	2.787	11.1	19.8
10 28	23 45.90	−11 19.9	1.966	2.774	14.2	20.0

408494 2013 JR_{15} 9 26.0 160°.85 7°.1/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 36.98	−22 18.7	2.572	3.411	11.0	21.5
8 29	0 32.16	−23 25.9	2.518	3.415	9.1	21.4
9 8	0 25.67	−24 27.1	2.488	3.418	7.6	21.3
9 18	0 18.02	−25 16.4	2.484	3.422	7.1	21.3
9 28	0 9.89	−25 48.3	2.507	3.425	7.9	21.3
10 8	0 2.06	−25 59.7	2.556	3.427	9.5	21.4
10 18	23 55.22	−25 49.8	2.629	3.430	11.3	21.6
10 28	23 49.93	−25 19.7	2.723	3.432	13.1	21.7

465015 2006 HH_{115} 9 26.0 91°.65 3°.5/23.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 43.09	− 4 36.6	1.381	2.234	17.9	21.8
8 29	0 37.92	− 5 13.9	1.328	2.250	13.7	21.6
9 8	0 29.98	− 5 59.3	1.296	2.266	9.0	21.3
9 18	0 20.06	− 6 45.7	1.287	2.282	4.6	21.1
9 28	0 9.41	− 7 25.2	1.304	2.298	4.2	21.2
10 8	23 59.41	− 7 50.6	1.347	2.313	8.3	21.4
10 18	23 51.22	− 7 58.1	1.415	2.328	12.6	21.7
10 28	23 45.67	− 7 46.3	1.504	2.343	16.3	22.0

201767 2003 WT_{45} 9 26.0 285°.36 6°.3/18.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 33.10	−11 10.3	1.805	2.669	13.8	20.1
8 29	0 29.99	−12 48.8	1.728	2.654	10.8	19.9
9 8	0 24.71	−14 32.9	1.675	2.640	7.9	19.7
9 18	0 17.75	−16 13.6	1.647	2.625	6.3	19.6
9 28	0 9.93	−17 41.0	1.645	2.610	7.5	19.6
10 8	0 2.28	−18 46.8	1.670	2.595	10.4	19.7
10 18	23 55.75	−19 26.1	1.718	2.581	13.6	19.9
10 28	23 51.16	−19 37.5	1.786	2.566	16.5	20.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
347413 2012 SA_{37}			9 26.0 147°.01		0°.1/26.2 17	
	h m	° ′			°	m
8 19	0 30.36	+ 3 29.3	3.507	4.311	9.1	21.6
8 29	0 26.63	+ 3 9.2	3.422	4.316	7.0	21.5
9 8	0 21.82	+ 2 42.1	3.362	4.320	4.7	21.3
9 18	0 16.24	+ 2 9.9	3.329	4.324	2.2	21.1
9 28	0 10.32	+ 1 35.1	3.326	4.328	0.5	21.0
10 8	0 4.52	+ 1 0.8	3.354	4.332	3.1	21.2
10 18	23 59.28	+ 0 29.7	3.410	4.335	5.5	21.4
10 28	23 55.01	+ 0 4.5	3.494	4.339	7.7	21.6
22767 1999 AL_{21}			9 26.1	8°.83	1°.9/24.7 18	
8 19	0 29.94	+ 1 7.5	1.068	1.948	20.0	17.1
8 29	0 28.55	+ 0 26.0	1.012	1.949	15.5	16.8
9 8	0 24.21	− 0 34.2	0.975	1.952	10.2	16.6
9 18	0 17.61	− 1 46.1	0.957	1.956	4.5	16.3
9 28	0 10.01	− 2 58.9	0.963	1.962	2.8	16.2
10 8	0 2.88	− 4 1.4	0.991	1.970	8.2	16.5
10 18	23 57.53	− 4 44.6	1.041	1.979	13.5	16.8
10 28	23 54.88	− 5 3.7	1.110	1.989	18.0	17.2
22054 2000 AP_{21}			9 26.1	217°.38	4°.5/ 6.7 18	
8 19	0 28.60	+28 57.5	4.794	5.425	8.9	19.0
8 29	0 25.18	+29 15.5	4.689	5.423	7.9	18.9
9 8	0 20.83	+29 21.7	4.604	5.421	6.8	18.8
9 18	0 15.81	+29 15.4	4.541	5.418	5.7	18.7
9 28	0 10.45	+28 56.9	4.504	5.416	4.8	18.6
10 8	0 5.15	+28 27.3	4.495	5.414	4.6	18.6
10 18	0 0.26	+27 48.7	4.513	5.412	5.0	18.7
10 28	23 56.15	+27 3.9	4.559	5.409	5.9	18.7
244446 2002 RQ_{70}			9 26.1	33°.40	3°.7/29.7 16	
8 19	0 32.87	+13 37.5	1.547	2.353	18.5	20.3
8 29	0 30.00	+13 30.6	1.480	2.362	15.1	20.1
9 8	0 24.76	+12 59.9	1.431	2.373	11.1	19.8
9 18	0 17.77	+12 6.8	1.404	2.384	6.9	19.6
9 28	0 10.00	+10 55.8	1.401	2.396	3.8	19.5
10 8	0 2.59	+ 9 35.2	1.425	2.408	5.5	19.6
10 18	23 56.56	+ 8 14.2	1.475	2.421	9.5	19.9
10 28	23 52.69	+ 7 1.5	1.548	2.434	13.3	20.2
210901 2001 SY_{189}			9 26.1	61°.97	1°.0/24.9 18	
8 19	0 33.65	+ 1 50.0	1.914	2.748	14.3	20.7
8 29	0 30.11	+ 1 5.9	1.840	2.752	11.1	20.5
9 8	0 24.60	+ 0 9.3	1.789	2.756	7.3	20.3
9 18	0 17.65	− 0 55.3	1.762	2.760	3.2	20.1
9 28	0 10.04	− 2 1.8	1.764	2.764	1.7	19.9
10 8	0 2.69	− 3 3.1	1.793	2.767	5.6	20.2
10 18	23 56.44	− 3 53.5	1.848	2.772	9.5	20.5
10 28	23 51.98	− 4 28.6	1.928	2.776	12.9	20.7
25126 1998 RO_{78}			9 26.1	25°.44	3°.7/23.6 18	
8 19	0 34.28	− 3 10.5	1.016	1.901	20.4	17.1
8 29	0 31.87	− 3 53.3	0.973	1.913	15.6	16.9
9 8	0 26.33	− 4 48.4	0.948	1.926	10.2	16.7
9 18	0 18.52	− 5 46.8	0.944	1.942	5.0	16.4
9 28	0 9.86	− 6 38.0	0.962	1.958	4.5	16.5
10 8	0 1.91	− 7 12.5	1.003	1.976	9.3	16.8
10 18	23 55.98	− 7 24.8	1.065	1.994	14.2	17.1
10 28	23 52.91	− 7 13.4	1.146	2.014	18.3	17.5
221993 1997 MM_{7}			9 26.1	105°.29	0°.6/25.3 18	
8 19	0 31.56	+ 3 41.7	2.421	3.240	12.2	20.4
8 29	0 28.05	+ 2 43.1	2.346	3.250	9.4	20.2
9 8	0 23.00	+ 1 32.8	2.296	3.259	6.2	20.0
9 18	0 16.86	+ 0 14.7	2.272	3.268	2.7	19.8
9 28	0 10.24	− 1 5.6	2.277	3.277	1.1	19.7
10 8	0 3.85	− 2 22.2	2.312	3.286	4.6	20.0
10 18	23 58.30	− 3 29.6	2.375	3.295	7.8	20.2
10 28	23 54.16	− 4 23.8	2.464	3.304	10.7	20.4
347490 1995 TG_{9}			9 26.1	8°.62	2°.0/24.3 18	
8 19	0 29.15	+ 2 15.7	1.283	2.149	18.1	19.8
8 29	0 27.51	+ 1 5.8	1.220	2.150	14.0	19.6
9 8	0 23.31	− 0 23.7	1.177	2.152	9.1	19.3
9 18	0 17.18	− 2 5.5	1.157	2.156	4.0	19.1
9 28	0 10.17	− 3 48.3	1.161	2.160	2.9	19.0
10 8	0 3.53	− 5 20.3	1.190	2.166	7.8	19.3
10 18	23 58.38	− 6 31.9	1.243	2.172	12.6	19.6
10 28	23 55.56	− 7 17.6	1.316	2.179	16.7	19.9
93244 2000 SE_{154}			9 26.1	102°.66	0°.7/25.4 18	
8 19	0 37.32	+ 2 6.7	1.764	2.595	15.5	19.1
8 29	0 33.05	+ 1 33.8	1.696	2.606	12.0	18.9
9 8	0 26.60	+ 0 48.2	1.650	2.616	7.9	18.6
9 18	0 18.56	− 0 5.9	1.629	2.626	3.5	18.4
9 28	0 9.85	− 1 2.4	1.636	2.636	1.4	18.3
10 8	0 1.49	− 1 54.2	1.669	2.646	5.8	18.6
10 18	23 54.43	− 2 35.8	1.730	2.656	9.9	18.9
10 28	23 49.38	− 3 2.8	1.814	2.665	13.4	19.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
13039 Awashima			9 26.1	101°.40	0°.6/25.2 18	
	h m	° ′			°	m
8 19	0 32.35	+ 2 58.4	2.506	3.324	11.8	17.8
8 29	0 28.55	+ 2 5.3	2.437	3.340	9.1	17.7
9 8	0 23.28	+ 1 1.8	2.392	3.355	6.0	17.5
9 18	0 16.97	− 0 8.2	2.373	3.370	2.6	17.3
9 28	0 10.24	− 1 19.7	2.384	3.385	1.2	17.2
10 8	0 3.74	− 2 27.2	2.425	3.399	4.4	17.5
10 18	23 58.10	− 3 25.9	2.494	3.414	7.5	17.7
10 28	23 53.82	− 4 12.3	2.589	3.428	10.3	17.9
445850 2012 FF_{63}			9 26.1	263°.14	4°.1/21.4 18	
8 19	0 36.54	−10 38.0	2.431	3.273	11.4	21.5
8 29	0 32.03	−11 18.7	2.343	3.257	8.9	21.3
9 8	0 25.77	−12 1.5	2.278	3.241	6.3	21.1
9 18	0 18.18	−12 41.3	2.241	3.225	4.3	21.0
9 28	0 9.94	−13 13.0	2.231	3.209	4.7	21.0
10 8	0 1.82	−13 32.2	2.251	3.192	7.2	21.1
10 18	23 54.59	−13 36.0	2.296	3.175	10.0	21.3
10 28	23 48.88	−13 23.3	2.366	3.158	12.6	21.4
200014 2007 MH_{3}			9 26.1	68°.39	3°.7/22.7 16	
8 19	0 39.25	− 4 37.9	1.593	2.444	16.0	20.6
8 29	0 34.43	− 5 45.2	1.554	2.476	12.1	20.5
9 8	0 27.37	− 6 59.2	1.537	2.508	7.9	20.3
9 18	0 18.82	− 8 12.3	1.545	2.539	4.3	20.2
9 28	0 9.83	− 9 16.2	1.581	2.570	4.4	20.2
10 8	0 1.49	−10 4.1	1.643	2.601	7.8	20.5
10 18	23 54.69	−10 32.5	1.730	2.632	11.4	20.8
10 28	23 50.06	−10 40.1	1.840	2.662	14.5	21.1
342815 2008 XU_{6}			9 26.1	348°.85	4°.3/22.5 18	
8 19	0 34.17	− 5 41.8	1.454	2.321	16.3	20.0
8 29	0 31.18	− 6 36.4	1.386	2.317	12.6	19.8
9 8	0 25.68	− 7 39.7	1.339	2.313	8.4	19.5
9 18	0 18.25	− 8 44.2	1.316	2.310	4.9	19.3
9 28	0 9.93	− 9 41.0	1.317	2.307	5.1	19.3
10 8	0 1.93	−10 21.8	1.344	2.305	8.9	19.6
10 18	23 55.37	−10 41.5	1.394	2.304	13.0	19.8
10 28	23 51.11	−10 37.9	1.465	2.303	16.7	20.0
516135 2015 VD_{91}			9 26.1	15°.41	3°.4/23.3 18	
8 19	0 38.78	− 7 45.2	1.919	2.764	13.9	20.2
8 29	0 34.02	− 7 59.1	1.849	2.767	10.7	20.0
9 8	0 27.18	− 8 15.8	1.802	2.770	7.2	19.8
9 18	0 18.82	− 8 30.8	1.781	2.773	4.0	19.6
9 28	0 9.81	− 8 39.0	1.787	2.777	3.9	19.6
10 8	0 1.14	− 8 36.5	1.820	2.781	7.0	19.8
10 18	23 53.69	− 8 20.9	1.880	2.786	10.4	20.1
10 28	23 48.19	− 7 51.4	1.964	2.791	13.5	20.3
390942 2005 GW_{227}			9 26.1	188°.03	4°.9/20.6 18	
8 19	0 36.22	−10 43.0	2.153	3.002	12.5	20.9
8 29	0 31.90	−11 50.4	2.083	3.001	9.7	20.7
9 8	0 25.71	−13 0.4	2.037	3.000	6.8	20.5
9 18	0 18.15	−14 6.7	2.018	2.999	5.0	20.4
9 28	0 9.97	−15 2.4	2.026	2.998	5.7	20.5
10 8	0 2.03	−15 41.9	2.062	2.996	8.2	20.6
10 18	23 55.14	−16 2.2	2.123	2.994	11.0	20.8
10 28	23 49.95	−16 2.2	2.207	2.991	13.6	21.0
237327 2009 BE_{172}			9 26.1	189°.18	1°.8/24.1 18	
8 19	0 33.91	− 0 1.5	1.935	2.773	14.0	20.4
8 29	0 30.33	− 0 58.3	1.858	2.773	10.8	20.2
9 8	0 24.78	− 2 7.0	1.804	2.773	7.1	20.0
9 18	0 17.76	− 3 22.2	1.775	2.772	3.2	19.8
9 28	0 10.06	− 4 37.1	1.775	2.772	2.5	19.7
10 8	0 2.58	− 5 44.4	1.802	2.771	6.2	20.0
10 18	23 56.19	− 6 38.1	1.856	2.771	10.0	20.2
10 28	23 51.58	− 7 14.3	1.933	2.770	13.3	20.4
360945 2005 UV_{38}			9 26.1	265°.47	5°.2/20.5 18	
8 19	0 36.85	−13 17.1	2.209	3.057	12.2	21.3
8 29	0 32.37	−14 4.7	2.135	3.051	9.6	21.1
9 8	0 26.02	−14 52.3	2.085	3.044	7.0	20.9
9 18	0 18.29	−15 34.2	2.060	3.038	5.3	20.8
9 28	0 9.93	−16 4.4	2.063	3.031	5.9	20.8
10 8	0 1.80	−16 18.5	2.093	3.025	8.3	21.0
10 18	23 54.71	−16 14.2	2.149	3.018	11.0	21.1
10 28	23 49.31	−15 51.2	2.228	3.011	13.5	21.3
187366 2005 UK_{273}			9 26.1	21°.62	0°.5/25.6 18	
8 19	0 33.92	+ 2 0.2	1.859	2.695	14.7	20.8
8 29	0 30.38	+ 1 38.0	1.788	2.699	11.4	20.6
9 8	0 24.82	+ 1 4.1	1.737	2.703	7.6	20.4
9 18	0 17.77	+ 0 22.1	1.711	2.708	3.4	20.2
9 28	0 10.06	− 0 22.8	1.712	2.714	1.2	20.0
10 8	0 2.62	− 1 4.4	1.741	2.719	5.4	20.3
10 18	23 56.33	− 1 37.7	1.796	2.725	9.3	20.6
10 28	23 51.86	− 1 58.6	1.875	2.732	12.8	20.8

114145 2002 VQ_{62} 9 26.1 10°.64 2°.1/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 34.24	+ 8 42.4	1.711	2.528	16.5	19.5
8 29	0 30.90	+ 8 37.5	1.634	2.529	13.2	19.3
9 8	0 25.33	+ 8 14.9	1.577	2.530	9.3	19.0
9 18	0 18.06	+ 7 36.5	1.543	2.532	5.1	18.8
9 28	0 9.98	+ 6 46.4	1.535	2.534	2.1	18.6
10 8	0 2.15	+ 5 51.2	1.553	2.537	5.1	18.8
10 18	23 55.55	+ 4 58.0	1.598	2.540	9.3	19.1
10 28	23 50.98	+ 4 13.4	1.667	2.543	13.1	19.3

260877 2005 QR_{128} 9 26.1 305°.88 1°.3/24.7 18

8 19	0 34.59	− 0 17.8	2.002	2.838	13.7	21.5
8 29	0 30.82	− 0 47.9	1.920	2.833	10.6	21.3
9 8	0 25.10	− 1 27.9	1.861	2.829	7.0	21.0
9 18	0 17.91	− 2 13.8	1.827	2.824	3.1	20.8
9 28	0 10.02	− 3 0.4	1.821	2.820	1.9	20.7
10 8	0 2.32	− 3 41.7	1.842	2.815	5.7	20.9
10 18	23 55.66	− 4 12.9	1.890	2.811	9.5	21.2
10 28	23 50.74	− 4 30.4	1.963	2.807	12.8	21.4

201091 2002 GS_{92} 9 26.1 250°.06 1°.4/27.3 18

8 19	0 38.93	+ 6 26.4	2.020	2.825	14.8	20.6
8 29	0 34.37	+ 6 25.8	1.920	2.810	11.8	20.4
9 8	0 27.62	+ 6 11.7	1.841	2.794	8.2	20.1
9 18	0 19.14	+ 5 45.6	1.787	2.778	4.3	19.9
9 28	0 9.71	+ 5 10.4	1.760	2.761	1.4	19.6
10 8	0 0.32	+ 4 31.4	1.762	2.743	4.9	19.8
10 18	23 51.95	+ 3 53.9	1.792	2.726	9.0	20.1
10 28	23 45.44	+ 3 23.5	1.847	2.708	12.8	20.2

356279 2010 BD_{41} 9 26.1 323°.81 1°.7/22.5 18

8 19	0 25.87	− 5 14.1	4.346	5.179	7.0	20.0
8 29	0 23.06	− 6 0.4	4.264	5.177	5.3	19.9
9 8	0 19.41	− 6 49.7	4.209	5.176	3.5	19.7
9 18	0 15.18	− 7 39.6	4.182	5.175	1.9	19.6
9 28	0 10.69	− 8 27.2	4.185	5.173	2.0	19.6
10 8	0 6.27	− 9 9.9	4.219	5.172	3.7	19.7
10 18	0 2.27	− 9 45.5	4.281	5.171	5.4	19.9
10 28	23 58.99	−10 12.2	4.369	5.170	7.1	20.0

342271 2008 TJ_5 9 26.1 349°.73 1°.9/25.1 16

8 19	0 38.64	− 4 3.5	1.132	2.005	19.6	21.1
8 29	0 35.48	− 3 36.2	1.062	1.994	15.4	20.8
9 8	0 29.03	− 3 14.7	1.009	1.984	10.3	20.5
9 18	0 19.95	− 2 55.4	0.978	1.976	4.8	20.1
9 28	0 9.52	− 2 33.4	0.970	1.970	2.6	20.0
10 8	23 59.43	− 2 4.1	0.985	1.965	8.0	20.3
10 18	23 51.22	− 1 24.4	1.023	1.962	13.5	20.6
10 28	23 46.06	− 0 32.6	1.081	1.961	18.2	20.9

451974 2014 NO_{30} 9 26.1 323°.35 2°.6/23.1 17

8 19	0 29.97	− 1 42.9	1.894	2.746	13.8	21.1
8 29	0 27.44	− 2 49.9	1.809	2.732	10.6	20.8
9 8	0 22.96	− 4 9.0	1.746	2.718	7.0	20.6
9 18	0 16.98	− 5 34.3	1.708	2.705	3.5	20.4
9 28	0 10.24	− 6 58.3	1.698	2.692	3.4	20.3
10 8	0 3.64	− 8 12.8	1.715	2.679	7.0	20.5
10 18	23 58.02	− 9 11.4	1.758	2.667	10.8	20.7
10 28	23 54.14	− 9 49.7	1.823	2.656	14.1	20.9

396240 2014 BE_{37} 9 26.1 169°.78 2°.3/28.4 18

8 19	0 38.21	+ 9 57.6	2.171	2.958	14.4	21.2
8 29	0 33.48	+ 9 58.2	2.085	2.961	11.6	21.0
9 8	0 26.81	+ 9 44.0	2.021	2.963	8.3	20.8
9 18	0 18.68	+ 9 15.9	1.981	2.965	4.8	20.6
9 28	0 9.85	+ 8 37.0	1.970	2.967	2.3	20.4
10 8	0 1.21	+ 7 52.0	1.988	2.969	4.5	20.5
10 18	23 53.60	+ 7 6.1	2.033	2.969	8.0	20.8
10 28	23 47.74	+ 6 25.1	2.105	2.970	11.2	21.0

487332 2014 QU_{174} 9 26.1 168°.14 1°.0/24.8 18

8 19	0 32.93	+ 0 27.1	2.587	3.411	11.4	22.1
8 29	0 29.05	− 0 8.5	2.506	3.412	8.7	22.0
9 8	0 23.66	− 0 52.4	2.449	3.414	5.7	21.8
9 18	0 17.18	− 1 41.3	2.418	3.415	2.5	21.6
9 28	0 10.21	− 2 30.9	2.417	3.416	1.5	21.5
10 8	0 3.41	− 3 16.6	2.444	3.417	4.6	21.7
10 18	23 57.41	− 3 54.4	2.501	3.418	7.6	21.9
10 28	23 52.75	− 4 21.3	2.582	3.418	10.4	22.1

152193 2005 QQ_{63} 9 26.1 268°.09 0°.8/26.7 18

8 19	0 40.00	+ 4 7.1	1.621	2.447	16.9	20.5
8 29	0 35.64	+ 4 12.4	1.534	2.438	13.4	20.2
9 8	0 28.69	+ 4 4.2	1.468	2.429	9.2	20.0
9 18	0 19.69	+ 3 44.2	1.426	2.420	4.5	19.7
9 28	0 9.60	+ 3 16.5	1.409	2.411	1.1	19.4
10 8	23 59.67	+ 2 47.0	1.420	2.401	5.8	19.7
10 18	23 51.08	+ 2 21.6	1.457	2.392	10.5	20.0
10 28	23 44.81	+ 2 5.9	1.517	2.383	14.7	20.2

83984 2002 GL_{77} 9 26.1 299°.10 1°.3/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 26.61	− 3 55.6	4.451	5.278	6.9	19.6
8 29	0 23.60	− 4 25.3	4.366	5.275	5.2	19.4
9 8	0 19.76	− 4 58.2	4.306	5.273	3.4	19.3
9 18	0 15.35	− 5 32.0	4.275	5.270	1.7	19.2
9 28	0 10.67	− 6 4.5	4.274	5.267	1.6	19.2
10 8	0 6.07	− 6 33.4	4.303	5.265	3.3	19.3
10 18	0 1.88	− 6 56.6	4.360	5.262	5.1	19.4
10 28	23 58.40	− 7 12.7	4.445	5.259	6.7	19.6

239017 2006 DV_{81} 9 26.1 283°.69 0°.4/26.4 18

8 19	0 37.35	+ 3 55.3	1.723	2.550	16.0	21.1
8 29	0 33.33	+ 3 45.5	1.641	2.547	12.6	20.9
9 8	0 26.98	+ 3 21.9	1.581	2.543	8.5	20.6
9 18	0 18.85	+ 2 47.3	1.544	2.539	4.0	20.3
9 28	0 9.83	+ 2 6.4	1.534	2.536	0.9	20.1
10 8	0 1.02	+ 1 25.4	1.551	2.532	5.5	20.4
10 18	23 53.47	+ 0 50.5	1.595	2.528	9.9	20.7
10 28	23 48.01	+ 0 26.8	1.662	2.525	13.8	20.9

262774 2006 YZ_7 9 26.1 243°.30 2°.0/27.9 18

8 19	0 37.02	+ 9 36.3	1.847	2.649	16.0	21.1
8 29	0 33.09	+ 9 19.7	1.750	2.636	12.9	20.9
9 8	0 26.88	+ 8 44.4	1.673	2.623	9.2	20.6
9 18	0 18.85	+ 7 51.8	1.620	2.609	5.1	20.4
9 28	0 9.83	+ 6 45.9	1.594	2.594	2.0	20.1
10 8	0 0.88	+ 5 33.5	1.596	2.579	5.2	20.3
10 18	23 53.04	+ 4 22.5	1.626	2.563	9.5	20.5
10 28	23 47.20	+ 3 20.4	1.679	2.547	13.4	20.7

447379 2006 AQ_{85} 9 26.1 235°.83 6°.2/17.8 18

8 19	0 37.00	−20 8.6	2.749	3.586	10.4	21.0
8 29	0 32.19	−21 6.2	2.674	3.575	8.5	20.9
9 8	0 25.77	−22 0.0	2.624	3.562	6.9	20.8
9 18	0 18.17	−22 44.5	2.601	3.550	6.2	20.7
9 28	0 10.02	−23 14.5	2.605	3.537	7.0	20.7
10 8	0 2.05	−23 26.7	2.636	3.524	8.6	20.8
10 18	23 54.93	−23 19.5	2.693	3.510	10.6	21.0
10 28	23 49.25	−22 53.3	2.771	3.496	12.5	21.1

387041 2012 TF_6 9 26.1 13°.98 3°.4/23.9 18

8 19	0 36.55	− 4 53.3	1.206	2.080	18.6	19.6
8 29	0 33.37	− 5 11.9	1.151	2.084	14.3	19.3
9 8	0 27.27	− 5 38.5	1.114	2.089	9.5	19.1
9 18	0 19.01	− 6 6.7	1.099	2.096	4.8	18.8
9 28	0 9.83	− 6 28.6	1.108	2.104	4.2	18.8
10 8	0 1.19	− 6 37.5	1.141	2.113	8.5	19.1
10 18	23 54.35	− 6 29.1	1.197	2.123	13.2	19.4
10 28	23 50.21	− 6 2.1	1.273	2.134	17.3	19.7

136961 1998 RP_{29} 9 26.1 335°.61 2°.4/24.4 18

8 19	0 32.31	− 1 3.6	1.157	2.033	19.1	19.1
8 29	0 30.50	− 1 33.8	1.083	2.018	14.9	18.8
9 8	0 25.69	− 2 19.4	1.028	2.004	9.9	18.5
9 18	0 18.45	− 3 14.6	0.993	1.992	4.6	18.2
9 28	0 9.93	− 4 10.1	0.981	1.980	3.3	18.1
10 8	0 1.62	− 4 55.6	0.993	1.970	8.6	18.3
10 18	23 54.96	− 5 23.1	1.026	1.961	14.0	18.6
10 28	23 51.07	− 5 27.4	1.079	1.953	18.7	18.9

374929 2006 YB_{47} 9 26.1 296°.85 4°.8/22.2 18

8 19	0 36.11	− 6 4.8	1.419	2.285	16.7	20.6
8 29	0 33.04	− 7 3.4	1.335	2.265	13.0	20.4
9 8	0 27.20	− 8 12.7	1.272	2.245	8.9	20.1
9 18	0 19.11	− 9 24.8	1.231	2.224	5.3	19.8
9 28	0 9.79	−10 29.7	1.216	2.204	5.7	19.8
10 8	0 0.57	−11 17.7	1.225	2.185	9.8	20.0
10 18	23 52.76	−11 42.1	1.258	2.165	14.3	20.2
10 28	23 47.45	−11 40.0	1.310	2.146	18.5	20.4

132687 2002 NJ_{25} 9 26.1 14°.93 7°.0/19.7 18

8 19	0 26.50	− 7 22.6	1.097	1.995	18.2	17.7
8 29	0 25.73	− 9 18.9	1.057	2.003	13.9	17.5
9 8	0 22.22	−11 23.6	1.036	2.014	9.6	17.3
9 18	0 16.71	−13 23.1	1.037	2.026	7.0	17.2
9 28	0 10.41	−15 2.8	1.061	2.040	8.3	17.4
10 8	0 4.64	−16 11.9	1.107	2.055	12.0	17.6
10 18	0 0.52	−16 45.8	1.174	2.072	15.9	17.9
10 28	23 58.82	−16 44.9	1.259	2.091	19.3	18.2

305101 2007 VS_{49} 9 26.1 263°.35 0°.1/26.1 18

8 19	0 36.81	+ 3 5.7	1.986	2.808	14.4	21.5
8 29	0 32.66	+ 2 53.2	1.896	2.799	11.3	21.3
9 8	0 26.43	+ 2 29.0	1.827	2.789	7.6	21.1
9 18	0 18.60	+ 1 55.6	1.784	2.779	3.5	20.8
9 28	0 9.94	+ 1 17.3	1.768	2.769	0.8	20.6
10 8	0 1.41	+ 0 39.5	1.780	2.759	5.1	20.9
10 18	23 53.93	+ 0 7.6	1.819	2.749	9.2	21.1
10 28	23 48.27	− 0 14.1	1.883	2.738	12.8	21.3

247419 2002 CC_{260} 9 26.1 93°.66 1°.2/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 35.83	− 0 30.2	2.219	3.047	12.8	20.3
8 29	0 31.46	− 0 57.2	2.149	3.058	9.9	20.1
9 8	0 25.34	− 1 32.3	2.103	3.069	6.5	19.9
9 18	0 17.98	− 2 12.0	2.083	3.080	2.9	19.7
9 28	0 10.10	− 2 51.4	2.092	3.091	1.7	19.7
10 8	0 2.51	− 3 25.9	2.129	3.102	5.1	19.9
10 18	23 55.92	− 3 51.5	2.194	3.112	8.5	20.2
10 28	23 50.94	− 4 5.4	2.283	3.123	11.4	20.4

230391 2002 GV_{151} 9 26.1 118°.18 2°.7/28.6 18

8 19	0 39.28	+10 10.9	1.952	2.744	15.7	21.0
8 29	0 34.47	+10 18.1	1.877	2.755	12.6	20.8
9 8	0 27.53	+10 9.3	1.822	2.765	9.1	20.6
9 18	0 19.04	+ 9 45.4	1.792	2.776	5.3	20.4
9 28	0 9.85	+ 9 9.5	1.789	2.786	2.7	20.3
10 8	0 0.95	+ 8 26.7	1.815	2.796	4.8	20.4
10 18	23 53.25	+ 7 42.8	1.868	2.805	8.4	20.7
10 28	23 47.49	+ 7 3.8	1.946	2.814	11.8	20.9

348461 2005 SH_{19} 9 26.1 80°.72 11°.1/16.9 15

8 19	1 11.98	−36 21.9	2.383	3.130	14.4	22.3
8 29	0 58.54	−38 4.0	2.386	3.192	12.7	22.3
9 8	0 42.68	−39 23.6	2.416	3.252	11.5	22.3
9 18	0 25.51	−40 12.3	2.473	3.310	11.1	22.4
9 28	0 8.43	−40 25.7	2.558	3.366	11.6	22.5
10 8	23 52.79	−40 5.0	2.670	3.419	12.6	22.6
10 18	23 39.58	−39 15.1	2.806	3.470	13.7	22.8
10 28	23 29.34	−38 3.0	2.962	3.520	14.6	23.0

191513 2003 UJ_{89} 9 26.1 148°.91 0°.3/26.5 18

8 19	0 33.64	+ 4 39.5	2.634	3.441	11.7	21.4
8 29	0 29.57	+ 4 17.5	2.552	3.445	9.1	21.2
9 8	0 24.01	+ 3 45.4	2.493	3.450	6.1	21.1
9 18	0 17.38	+ 3 5.6	2.460	3.454	2.9	20.8
9 28	0 10.25	+ 2 21.5	2.456	3.458	0.6	20.7
10 8	0 3.29	+ 1 37.5	2.482	3.461	3.9	20.9
10 18	23 57.14	+ 0 57.7	2.537	3.465	7.0	21.1
10 28	23 52.31	+ 0 25.7	2.618	3.468	9.8	21.3

343791 2011 GR_{56} 9 26.1 58°.87 1°.5/24.9 16

8 19	0 41.14	− 0 40.1	1.472	2.316	17.4	20.3
8 29	0 36.15	− 0 59.9	1.426	2.342	13.3	20.1
9 8	0 28.68	− 1 30.2	1.400	2.368	8.7	19.9
9 18	0 19.51	− 2 6.1	1.397	2.395	3.9	19.7
9 28	0 9.77	− 2 40.9	1.421	2.421	2.1	19.6
10 8	0 0.70	− 3 8.5	1.472	2.448	6.6	20.0
10 18	23 53.30	− 3 24.1	1.549	2.474	10.8	20.3
10 28	23 48.29	− 3 25.2	1.648	2.500	14.4	20.6

195061 2002 CA_{86} 9 26.1 151°.09 0°.3/25.8 18

8 19	0 37.00	+ 3 14.4	1.850	2.676	15.1	20.8
8 29	0 32.82	+ 2 45.4	1.774	2.679	11.8	20.6
9 8	0 26.50	+ 2 3.1	1.719	2.683	7.9	20.4
9 18	0 18.60	+ 1 11.0	1.690	2.686	3.5	20.1
9 28	0 9.96	+ 0 14.9	1.687	2.689	1.0	19.9
10 8	0 1.60	− 0 38.7	1.713	2.691	5.4	20.3
10 18	23 54.42	− 1 23.8	1.766	2.694	9.5	20.5
10 28	23 49.19	− 1 55.7	1.842	2.696	13.1	20.7

405708 2005 VX_{86} 9 26.1 216°.74 5°.5/17.4 18

8 19	0 33.40	−17 21.9	2.952	3.795	9.6	21.8
8 29	0 29.33	−18 40.1	2.880	3.787	7.7	21.6
9 8	0 23.84	−19 56.9	2.833	3.778	6.1	21.5
9 18	0 17.31	−21 6.9	2.813	3.769	5.5	21.5
9 28	0 10.28	−22 4.8	2.823	3.759	6.3	21.5
10 8	0 3.38	−22 46.4	2.859	3.749	8.0	21.6
10 18	23 57.20	−23 9.7	2.921	3.739	9.9	21.7
10 28	23 52.27	−23 14.1	3.006	3.728	11.7	21.9

116091 2003 WG_{126} 9 26.1 2°.93 11°.6/17.4 18

8 19	0 34.95	−21 44.0	1.210	2.093	17.9	17.8
8 29	0 32.29	−23 4.4	1.166	2.091	14.9	17.7
9 8	0 26.61	−24 14.8	1.141	2.091	12.5	17.5
9 18	0 18.72	−25 3.1	1.137	2.092	11.6	17.5
9 28	0 9.96	−25 18.9	1.154	2.095	12.7	17.6
10 8	0 1.83	−24 57.6	1.192	2.099	15.2	17.7
10 18	23 55.59	−24 0.4	1.249	2.105	18.1	17.9
10 28	23 52.09	−22 32.4	1.323	2.112	20.8	18.2

173537 2000 WJ_{108} 9 26.1 349°.79 1°.9/24.9 18

8 19	0 36.37	− 1 47.6	1.046	1.923	20.5	19.1
8 29	0 33.89	− 1 48.4	0.981	1.916	16.0	18.8
9 8	0 28.07	− 2 1.5	0.933	1.909	10.7	18.5
9 18	0 19.57	− 2 21.9	0.906	1.904	4.9	18.2
9 28	0 9.73	− 2 42.1	0.900	1.900	2.7	18.1
10 8	0 0.28	− 2 53.9	0.918	1.898	8.4	18.4
10 18	23 52.78	− 2 51.3	0.957	1.896	14.1	18.7
10 28	23 48.39	− 2 30.5	1.015	1.896	19.0	19.0

28737 Mohindra 9 26.1 115°.29 3°.4/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 37.01	− 3 33.8	1.678	2.528	15.3	18.7
8 29	0 32.94	− 4 40.5	1.616	2.537	11.7	18.5
9 8	0 26.61	− 5 56.9	1.576	2.546	7.7	18.3
9 18	0 18.64	− 7 15.8	1.560	2.555	4.1	18.1
9 28	0 9.98	− 8 28.7	1.572	2.564	4.2	18.1
10 8	0 1.70	− 9 27.9	1.611	2.572	7.7	18.3
10 18	23 54.76	−10 8.0	1.676	2.580	11.5	18.6
10 28	23 49.92	−10 26.7	1.762	2.588	14.9	18.8

183066 2002 RA_{6} 9 26.1 5°.73 1°.8/24.6 15

8 19	0 30.48	+ 2 40.9	1.156	2.025	19.5	19.6
8 29	0 28.88	+ 1 37.6	1.094	2.025	15.1	19.4
9 8	0 24.43	+ 0 12.5	1.050	2.026	9.9	19.1
9 18	0 17.81	− 1 26.9	1.028	2.027	4.4	18.8
9 28	0 10.17	− 3 8.8	1.030	2.030	2.7	18.7
10 8	0 2.93	− 4 40.2	1.056	2.033	8.1	19.0
10 18	23 57.35	− 5 50.7	1.104	2.037	13.3	19.3
10 28	23 54.36	− 6 34.2	1.172	2.043	17.8	19.6

309862 2009 DE_{64} 9 26.1 107°.26 2°.4/23.7 18

8 19	0 36.13	− 3 10.7	1.974	2.815	13.7	21.1
8 29	0 31.96	− 3 51.5	1.904	2.820	10.5	20.9
9 8	0 25.83	− 4 40.0	1.856	2.825	6.9	20.7
9 18	0 18.27	− 5 31.4	1.834	2.830	3.4	20.5
9 28	0 10.08	− 6 19.5	1.840	2.835	3.0	20.5
10 8	0 2.17	− 6 58.7	1.874	2.839	6.4	20.7
10 18	23 55.39	− 7 24.5	1.934	2.844	9.9	20.9
10 28	23 50.41	− 7 34.6	2.018	2.849	13.0	21.2

65846 1997 BT_{2} 9 26.1 279°.63 5°.0/29.9 18

8 19	0 39.98	+13 36.4	1.840	2.618	16.9	18.8
8 29	0 35.58	+14 19.7	1.739	2.603	14.1	18.6
9 8	0 28.70	+14 46.6	1.659	2.587	10.8	18.3
9 18	0 19.78	+14 55.1	1.601	2.571	7.4	18.1
9 28	0 9.68	+14 45.4	1.569	2.555	5.0	17.9
10 8	23 59.54	+14 20.4	1.564	2.539	6.2	18.0
10 18	23 50.52	+13 45.7	1.586	2.523	9.7	18.1
10 28	23 43.63	+13 8.6	1.632	2.507	13.3	18.3

313156 2001 DS_{72} 9 26.1 161°.30 0°.8/24.9 18

8 19	0 32.80	+ 1 10.5	2.966	3.781	10.3	21.8
8 29	0 28.74	+ 0 27.0	2.885	3.787	7.9	21.7
9 8	0 23.38	− 0 24.4	2.829	3.792	5.2	21.5
9 18	0 17.08	− 1 20.7	2.800	3.797	2.3	21.3
9 28	0 10.37	− 2 17.7	2.802	3.801	1.3	21.2
10 8	0 3.81	− 3 11.4	2.834	3.805	4.1	21.4
10 18	23 57.96	− 3 57.8	2.895	3.809	6.8	21.6
10 28	23 53.27	− 4 34.1	2.982	3.812	9.3	21.8

307093 2002 AT_{191} 9 26.1 183°.47 5°.7/ 3.8 18

8 19	0 35.54	+23 34.8	2.733	3.430	13.8	21.4
8 29	0 31.22	+23 51.4	2.635	3.430	11.9	21.3
9 8	0 25.24	+23 49.7	2.557	3.430	9.7	21.2
9 18	0 18.00	+23 28.6	2.503	3.430	7.6	21.0
9 28	0 10.14	+22 48.6	2.474	3.429	6.0	20.9
10 8	0 2.39	+21 52.6	2.473	3.427	5.8	20.9
10 18	23 55.45	+20 45.4	2.501	3.425	7.3	21.0
10 28	23 49.96	+19 33.1	2.555	3.423	9.4	21.1

461159 2015 TW_{119} 9 26.1 325°.41 3°.2/22.2 17

8 19	0 29.87	− 3 42.6	2.025	2.878	13.0	21.1
8 29	0 27.23	− 4 58.3	1.943	2.867	9.9	20.9
9 8	0 22.77	− 6 23.9	1.885	2.857	6.6	20.7
9 18	0 16.92	− 7 53.3	1.852	2.846	3.7	20.5
9 28	0 10.39	− 9 18.7	1.848	2.837	4.0	20.5
10 8	0 4.01	−10 32.6	1.871	2.827	7.2	20.6
10 18	23 58.57	−11 29.4	1.919	2.818	10.6	20.8
10 28	23 54.74	−12 5.6	1.991	2.810	13.7	21.0

452759 2006 BN_{260} 9 26.1 216°.04 0°.7/25.3 18

8 19	0 33.68	+ 1 10.6	2.710	3.527	11.1	22.5
8 29	0 29.62	+ 0 41.9	2.619	3.522	8.6	22.3
9 8	0 24.08	+ 0 4.8	2.553	3.516	5.7	22.1
9 18	0 17.45	− 0 37.8	2.513	3.510	2.5	21.9
9 28	0 10.28	− 1 22.0	2.503	3.504	1.1	21.8
10 8	0 3.24	− 2 3.7	2.523	3.497	4.3	22.0
10 18	23 56.94	− 2 38.9	2.571	3.490	7.3	22.2
10 28	23 51.94	− 3 4.5	2.645	3.483	10.1	22.4

443411 2014 HK_{49} 9 26.1 328°.71 2°.6/23.8 18

8 19	0 37.23	− 3 58.2	1.786	2.632	14.7	21.5
8 29	0 33.11	− 4 26.9	1.711	2.630	11.3	21.3
9 8	0 26.77	− 5 3.2	1.657	2.627	7.5	21.0
9 18	0 18.76	− 5 41.9	1.628	2.624	3.7	20.8
9 28	0 9.97	− 6 17.2	1.627	2.622	3.3	20.8
10 8	0 1.45	− 6 43.0	1.652	2.620	6.9	21.0
10 18	23 54.16	− 6 55.1	1.703	2.618	10.8	21.2
10 28	23 48.87	− 6 51.2	1.778	2.616	14.2	21.4

41408 2000 AV_{196} 9 26.1 24°.04 1°.5/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 29.42	+ 2 21.9	1.822	2.666	14.6	17.7
8 29	0 26.95	+ 1 6.0	1.756	2.674	11.2	17.5
9 8	0 22.57	− 0 24.5	1.712	2.682	7.3	17.2
9 18	0 16.81	− 2 3.5	1.693	2.691	3.2	17.0
9 28	0 10.45	− 3 42.9	1.702	2.701	2.2	17.0
10 8	0 4.38	− 5 14.0	1.739	2.711	6.1	17.2
10 18	23 59.39	− 6 29.7	1.802	2.722	9.9	17.5
10 28	23 56.12	− 7 25.4	1.889	2.733	13.2	17.7

166131 2002 CS_{251} 9 26.1 188°.22 3°.2/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 41.98	− 4 21.5	1.559	2.405	16.5	20.2
8 29	0 37.12	− 4 56.8	1.486	2.405	12.7	19.9
9 8	0 29.62	− 5 40.5	1.435	2.404	8.5	19.7
9 18	0 20.12	− 6 26.7	1.408	2.403	4.3	19.4
9 28	0 9.68	− 7 7.9	1.408	2.402	3.9	19.4
10 8	23 59.58	− 7 37.1	1.435	2.400	7.9	19.6
10 18	23 51.01	− 7 49.5	1.486	2.398	12.2	19.9
10 28	23 44.86	− 7 43.0	1.560	2.396	16.0	20.1

486998 2014 NL_{55} 9 26.1 345°.35 9°.3/ 3.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 42.03	+23 21.1	1.974	2.688	17.9	20.4
8 29	0 37.23	+25 2.0	1.882	2.682	15.8	20.2
9 8	0 29.85	+26 25.1	1.808	2.676	13.4	20.0
9 18	0 20.35	+27 25.0	1.757	2.670	11.1	19.8
9 28	0 9.58	+27 58.2	1.729	2.666	9.5	19.7
10 8	23 58.74	+28 4.7	1.727	2.661	9.4	19.7
10 18	23 49.03	+27 48.1	1.749	2.658	10.9	19.8
10 28	23 41.51	+27 15.8	1.796	2.655	13.1	20.0

51268 2000 JM_{72} 9 26.1 233°.49 2°.7/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 33.69	− 2 50.3	2.111	2.953	12.9	19.2
8 29	0 30.08	− 3 55.7	2.029	2.946	9.9	19.0
9 8	0 24.62	− 5 10.6	1.971	2.940	6.5	18.8
9 18	0 17.77	− 6 29.5	1.938	2.933	3.4	18.6
9 28	0 10.24	− 7 45.6	1.934	2.926	3.4	18.6
10 8	0 2.88	− 8 52.0	1.958	2.919	6.6	18.8
10 18	23 56.48	− 9 43.3	2.009	2.912	10.0	19.0
10 28	23 51.72	−10 16.2	2.084	2.904	13.1	19.2

325524 2009 RY_{71} 9 26.1 223°.88 1°.0/27.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 31.69	+ 8 12.9	2.530	3.328	12.3	21.5
8 29	0 28.23	+ 7 38.9	2.439	3.325	9.8	21.3
9 8	0 23.23	+ 6 51.2	2.370	3.322	6.8	21.1
9 18	0 17.10	+ 5 52.2	2.327	3.318	3.5	20.9
9 28	0 10.41	+ 4 45.8	2.314	3.314	1.0	20.7
10 8	0 3.85	+ 3 37.3	2.329	3.310	3.9	20.9
10 18	23 58.08	+ 2 31.9	2.373	3.306	7.1	21.1
10 28	23 53.66	+ 1 34.8	2.444	3.302	10.1	21.3

342176 2008 SW_{182} 9 26.1 7°.86 2°.8/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 36.35	− 3 5.8	1.430	2.290	17.0	21.0
8 29	0 32.91	− 3 37.0	1.364	2.290	13.1	20.7
9 8	0 26.87	− 4 18.1	1.319	2.291	8.7	20.5
9 18	0 18.88	− 5 3.3	1.296	2.293	4.2	20.2
9 28	0 10.00	− 5 44.9	1.299	2.295	3.5	20.2
10 8	0 1.49	− 6 15.5	1.327	2.298	7.7	20.5
10 18	23 54.49	− 6 30.1	1.379	2.301	12.2	20.7
10 28	23 49.88	− 6 25.8	1.453	2.305	16.0	21.0

109154 2001 QN_{60} 9 26.1 50°.69 1°.3/27.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 35.96	+ 7 27.1	1.412	2.245	18.6	20.0
8 29	0 32.60	+ 7 7.3	1.349	2.254	14.7	19.7
9 8	0 26.64	+ 6 27.3	1.303	2.264	10.2	19.5
9 18	0 18.76	+ 5 30.1	1.281	2.274	5.1	19.2
9 28	0 10.03	+ 4 22.5	1.283	2.285	1.4	19.0
10 8	0 1.72	+ 3 13.4	1.312	2.295	5.8	19.4
10 18	23 54.95	+ 2 11.3	1.365	2.306	10.6	19.7
10 28	23 50.57	+ 1 23.5	1.442	2.317	14.7	19.9

471215 2010 VM_{115} 9 26.1 347°.75 2°.2/22.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 28.61	− 8 26.6	3.956	4.792	7.5	21.1
8 29	0 25.25	− 8 54.2	3.877	4.790	5.7	21.0
9 8	0 20.94	− 9 23.3	3.823	4.788	3.9	20.9
9 18	0 15.96	− 9 51.4	3.797	4.786	2.4	20.8
9 28	0 10.69	−10 15.8	3.801	4.784	2.6	20.8
10 8	0 5.52	−10 34.0	3.834	4.783	4.2	20.9
10 18	0 0.83	−10 44.4	3.895	4.781	6.1	21.0
10 28	23 56.98	−10 45.6	3.983	4.780	7.8	21.2

298271 2002 XY_{5} 9 26.1 276°.97 5°.3/20.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 37.16	−11 31.0	2.071	2.920	12.8	20.7
8 29	0 32.98	−12 29.0	1.980	2.897	10.1	20.4
9 8	0 26.70	−13 30.1	1.911	2.874	7.3	20.2
9 18	0 18.79	−14 27.9	1.869	2.850	5.4	20.1
9 28	0 10.01	−15 15.2	1.854	2.826	6.1	20.1
10 8	0 1.30	−15 46.0	1.866	2.802	8.8	20.2
10 18	23 53.59	−15 56.4	1.904	2.777	12.0	20.3
10 28	23 47.69	−15 45.3	1.963	2.753	14.9	20.5

48585 1994 PK_{37} 9 26.1 169°.67 2°.1/28.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 39.43	+ 9 35.8	1.958	2.751	15.6	19.4
8 29	0 34.67	+ 9 26.6	1.875	2.755	12.5	19.2
9 8	0 27.76	+ 9 0.9	1.812	2.758	8.9	19.0
9 18	0 19.23	+ 8 19.9	1.775	2.761	4.9	18.8
9 28	0 9.92	+ 7 27.5	1.765	2.763	2.1	18.6
10 8	0 0.84	+ 6 29.7	1.783	2.765	4.8	18.8
10 18	23 52.93	+ 5 32.8	1.830	2.766	8.7	19.0
10 28	23 46.95	+ 4 43.3	1.901	2.766	12.3	19.2

135997 2002 VD_{27} 9 26.1 33°.87 4°.3/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 32.34	+15 27.7	1.538	2.336	18.9	18.9
8 29	0 29.64	+15 19.6	1.473	2.349	15.5	18.7
9 8	0 24.59	+14 46.1	1.426	2.362	11.6	18.5
9 18	0 17.80	+13 48.1	1.401	2.377	7.5	18.4
9 28	0 10.26	+12 30.5	1.400	2.392	4.5	18.2
10 8	0 3.10	+11 1.6	1.425	2.407	5.7	18.3
10 18	23 57.33	+ 9 31.3	1.476	2.423	9.4	18.6
10 28	23 53.71	+ 8 9.0	1.551	2.440	13.1	18.9

260631 2005 GG_{95} 9 26.1 164°.63 1°.7/24.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 39.42	− 0 5.7	1.673	2.510	16.0	21.9
8 29	0 34.93	− 0 46.3	1.600	2.514	12.3	21.7
9 8	0 28.05	− 1 39.1	1.549	2.517	8.1	21.4
9 18	0 19.38	− 2 39.0	1.522	2.519	3.7	21.2
9 28	0 9.89	− 3 38.8	1.523	2.522	2.4	21.1
10 8	0 0.73	− 4 31.2	1.551	2.523	6.7	21.4
10 18	23 52.92	− 5 10.0	1.605	2.525	10.9	21.6
10 28	23 47.31	− 5 31.3	1.682	2.526	14.6	21.9

514067 2014 PU_{65} 9 26.1 70°.06 1°.3/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 35.04	+ 8 8.0	2.172	2.973	14.0	21.3
8 29	0 30.86	+ 7 47.6	2.109	2.996	11.0	21.2
9 8	0 24.95	+ 7 13.2	2.069	3.020	7.6	21.0
9 18	0 17.85	+ 6 27.3	2.054	3.043	4.0	20.8
9 28	0 10.28	+ 5 34.2	2.066	3.067	1.3	20.7
10 8	0 3.05	+ 4 39.3	2.108	3.090	4.2	20.9
10 18	23 56.86	+ 3 48.0	2.178	3.113	7.6	21.2
10 28	23 52.30	+ 3 4.9	2.273	3.136	10.6	21.4

347273 2011 KH_{37} 9 26.1 28°.52 1°.1/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 34.38	+ 1 39.8	1.307	2.165	18.4	20.4
8 29	0 31.46	+ 1 8.6	1.252	2.176	14.2	20.2
9 8	0 25.91	+ 0 21.9	1.216	2.187	9.4	19.9
9 18	0 18.43	− 0 34.7	1.202	2.200	4.1	19.7
9 28	0 10.15	− 1 33.2	1.212	2.213	1.9	19.6
10 8	0 2.36	− 2 24.7	1.248	2.227	6.9	19.9
10 18	23 56.18	− 3 2.3	1.308	2.242	11.6	20.2
10 28	23 52.43	− 3 21.6	1.389	2.257	15.7	20.5

451897 2014 JP_{55} 9 26.1 310°.10 9°.4/ 5.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 27.67	+29 15.5	1.069	1.837	27.2	20.5
8 29	0 27.52	+28 51.8	0.986	1.827	24.1	20.2
9 8	0 24.08	+27 33.5	0.914	1.816	20.0	19.9
9 18	0 17.90	+25 12.5	0.858	1.807	15.3	19.6
9 28	0 10.22	+21 48.6	0.822	1.797	10.9	19.3
10 8	0 2.78	+17 36.4	0.810	1.788	9.6	19.2
10 18	23 57.22	+13 2.8	0.821	1.780	12.9	19.4
10 28	23 54.79	+ 8 39.9	0.856	1.772	18.0	19.6

43775 Tiepolo 9 26.1 173°.17 4°.7/ 2.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 36.91	+19 3.5	2.792	3.515	13.0	19.2
8 29	0 32.20	+19 32.1	2.697	3.517	11.0	19.1
9 8	0 25.88	+19 45.7	2.623	3.518	8.7	18.9
9 18	0 18.32	+19 43.3	2.574	3.519	6.5	18.8
9 28	0 10.16	+19 25.6	2.552	3.520	4.9	18.7
10 8	0 2.08	+18 54.9	2.558	3.521	5.1	18.7
10 18	23 54.80	+18 15.2	2.593	3.521	6.9	18.8
10 28	23 48.91	+17 31.4	2.655	3.521	9.1	19.0

203167 2000 XT_{44} 9 26.1 192°.82 10°.2/12.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 47.28	−36 2.7	2.680	3.467	12.0	21.0
8 29	0 40.27	−37 16.5	2.634	3.465	10.9	20.9
9 8	0 31.21	−38 16.3	2.610	3.462	10.3	20.8
9 18	0 20.70	−38 55.0	2.610	3.458	10.3	20.8
9 28	0 9.63	−39 7.4	2.635	3.453	11.0	20.9
10 8	23 59.01	−38 51.7	2.683	3.447	12.1	21.0
10 18	23 49.69	−38 8.9	2.753	3.441	13.4	21.1
10 28	23 42.37	−37 2.2	2.840	3.434	14.7	21.2

42861 1999 RQ_{90} 9 26.1 44°.51 3°.7/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 35.17	− 1 52.3	1.141	2.015	19.4	17.7
8 29	0 32.32	− 3 6.5	1.096	2.030	14.8	17.5
9 8	0 26.56	− 4 34.9	1.070	2.047	9.7	17.2
9 18	0 18.72	− 6 7.6	1.066	2.063	4.8	17.0
9 28	0 10.10	− 7 32.6	1.086	2.081	4.7	17.1
10 8	0 2.13	− 8 38.9	1.131	2.099	9.2	17.4
10 18	23 56.00	− 9 20.1	1.197	2.117	13.8	17.7
10 28	23 52.54	− 9 33.8	1.284	2.136	17.7	18.0

299801 2006 SD_{108} 9 26.1 357.°65 1.°4/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 33.26	+ 8 28.0	1.891	2.704	15.3	20.6
8 29	0 29.98	+ 8 1.4	1.810	2.703	12.2	20.4
9 8	0 24.67	+ 7 17.5	1.749	2.703	8.5	20.2
9 18	0 17.84	+ 6 18.7	1.712	2.703	4.4	19.9
9 28	0 10.28	+ 5 9.9	1.702	2.703	1.4	19.7
10 8	0 2.92	+ 3 58.1	1.720	2.703	4.8	19.9
10 18	23 56.65	+ 2 50.5	1.765	2.703	8.8	20.2
10 28	23 52.20	+ 1 53.6	1.835	2.703	12.4	20.4

65208 2002 DJ_{16} 9 26.1 119.°71 5.°2/20.1 18

8 19	0 36.43	−13 52.6	2.361	3.207	11.6	19.3
8 29	0 31.86	−14 47.6	2.301	3.215	9.1	19.2
9 8	0 25.60	−15 41.8	2.265	3.223	6.7	19.0
9 18	0 18.16	−16 29.5	2.256	3.230	5.2	18.9
9 28	0 10.22	−17 5.3	2.275	3.238	5.8	19.0
10 8	0 2.59	−17 25.1	2.321	3.245	7.9	19.1
10 18	23 55.96	−17 27.1	2.393	3.252	10.4	19.3
10 28	23 50.90	−17 11.2	2.488	3.259	12.6	19.5

404003 2012 BU_{138} 9 26.1 209.°52 0.°5/25.5 18

8 19	0 33.98	+ 2 12.7	2.460	3.278	12.0	22.1
8 29	0 30.02	+ 1 40.9	2.372	3.275	9.3	21.9
9 8	0 24.45	+ 0 59.3	2.308	3.271	6.2	21.7
9 18	0 17.67	+ 0 10.7	2.271	3.267	2.8	21.4
9 28	0 10.32	− 0 40.4	2.262	3.263	1.0	21.3
10 8	0 3.12	− 1 29.1	2.283	3.259	4.5	21.6
10 18	23 56.75	− 2 11.0	2.332	3.254	7.8	21.8
10 28	23 51.80	− 2 42.4	2.406	3.250	10.8	21.9

518873 2010 DA_{94} 9 26.1 200.°85 0.°2/25.9 18

8 19	0 34.04	+ 5 42.0	2.017	2.835	14.3	22.2
8 29	0 30.45	+ 4 42.6	1.932	2.832	11.2	22.0
9 8	0 24.92	+ 3 26.6	1.869	2.830	7.5	21.8
9 18	0 17.94	+ 1 58.1	1.831	2.827	3.4	21.5
9 28	0 10.26	+ 0 23.7	1.822	2.823	0.9	21.3
10 8	0 2.76	− 1 8.7	1.842	2.820	5.2	21.6
10 18	23 56.27	− 2 31.4	1.890	2.816	9.2	21.8
10 28	23 51.52	− 3 38.7	1.963	2.811	12.6	22.1

479852 2014 GR_{26} 9 26.1 208.°78 0.°6/25.5 18

8 19	0 39.11	+ 0 45.7	2.207	3.026	13.2	22.0
8 29	0 34.19	+ 0 32.1	2.119	3.021	10.3	21.8
9 8	0 27.34	+ 0 9.5	2.054	3.016	6.9	21.6
9 18	0 19.03	− 0 19.1	2.015	3.011	3.1	21.3
9 28	0 10.01	− 0 49.7	2.005	3.005	1.2	21.2
10 8	0 1.15	− 1 17.7	2.023	2.999	5.0	21.4
10 18	23 53.29	− 1 38.9	2.070	2.992	8.7	21.7
10 28	23 47.13	− 1 50.0	2.143	2.985	11.9	21.9

92393 2000 JX_{12} 9 26.1 95.°44 1.°9/27.6 18

8 19	0 40.77	+ 7 59.9	1.375	2.199	19.5	19.5
8 29	0 36.39	+ 7 52.2	1.313	2.212	15.5	19.3
9 8	0 29.22	+ 7 24.0	1.269	2.226	10.8	19.0
9 18	0 19.96	+ 6 37.9	1.247	2.239	5.6	18.8
9 28	0 9.81	+ 5 39.6	1.251	2.252	1.9	18.6
10 8	0 0.16	+ 4 37.8	1.281	2.264	6.0	18.9
10 18	23 52.23	+ 3 41.1	1.336	2.277	10.8	19.2
10 28	23 46.91	+ 2 56.8	1.414	2.289	15.1	19.5

196940 2003 UW_{23} 9 26.1 281.°05 0.°4/25.7 18

8 19	0 33.25	+ 2 10.8	2.417	3.238	12.1	20.6
8 29	0 29.56	+ 1 46.3	2.322	3.226	9.5	20.4
9 8	0 24.21	+ 1 12.0	2.250	3.213	6.3	20.2
9 18	0 17.61	+ 0 30.5	2.204	3.200	2.8	19.9
9 28	0 10.36	− 0 14.0	2.186	3.188	1.0	19.8
10 8	0 3.20	− 0 56.9	2.198	3.175	4.5	20.0
10 18	23 56.84	− 1 33.7	2.237	3.162	8.0	20.2
10 28	23 51.92	− 2 0.4	2.302	3.149	11.0	20.4

451328 2010 VV_{81} 9 26.1 258.°46 3.°2/22.2 17

8 19	0 35.40	− 7 44.1	2.599	3.436	10.9	21.7
8 29	0 31.11	− 8 26.8	2.504	3.418	8.4	21.5
9 8	0 25.20	− 9 13.6	2.434	3.399	5.8	21.3
9 18	0 18.05	−10 0.0	2.390	3.380	3.5	21.2
9 28	0 10.26	−10 41.2	2.376	3.360	3.8	21.2
10 8	0 2.55	−11 12.6	2.390	3.340	6.3	21.3
10 18	23 55.60	−11 30.9	2.432	3.320	9.1	21.4
10 28	23 50.05	−11 34.3	2.498	3.299	11.8	21.6

130302 2000 EH_{78} 9 26.1 227.°84 0.°6/25.3 18

8 19	0 33.74	+ 1 3.4	2.953	3.766	10.4	21.2
8 29	0 29.59	+ 0 34.9	2.855	3.755	8.0	21.0
9 8	0 24.06	− 0 1.2	2.782	3.744	5.3	20.8
9 18	0 17.48	− 0 42.5	2.736	3.732	2.4	20.6
9 28	0 10.40	− 1 25.5	2.720	3.720	1.1	20.5
10 8	0 3.39	− 2 6.2	2.734	3.708	4.0	20.7
10 18	23 57.04	− 2 41.1	2.777	3.695	6.9	20.9
10 28	23 51.88	− 3 7.1	2.846	3.681	9.5	21.0

477085 2009 BB_{106} 9 26.1 284.°45 3.°8/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 32.71	− 3 54.2	1.813	2.667	14.2	21.3
8 29	0 29.74	− 5 16.8	1.728	2.652	10.9	21.1
9 8	0 24.65	− 6 51.3	1.665	2.636	7.3	20.8
9 18	0 17.90	− 8 30.6	1.628	2.621	4.2	20.6
9 28	0 10.29	−10 5.5	1.618	2.606	4.7	20.6
10 8	0 2.80	−11 27.1	1.636	2.591	8.2	20.8
10 18	23 56.38	−12 28.6	1.678	2.576	12.0	21.0
10 28	23 51.83	−13 6.0	1.743	2.560	15.4	21.2

131117 2001 BC_{1} 9 26.1 226.°25 2.°5/28.8 18

8 19	0 35.57	+11 39.3	2.121	2.907	14.7	20.3
8 29	0 31.66	+11 23.6	2.025	2.900	12.0	20.1
9 8	0 25.77	+10 50.2	1.950	2.891	8.7	19.8
9 18	0 18.37	+10 0.2	1.900	2.882	5.1	19.6
9 28	0 10.19	+ 8 57.1	1.877	2.873	2.5	19.4
10 8	0 2.11	+ 7 46.6	1.882	2.864	4.6	19.6
10 18	23 55.00	+ 6 35.4	1.916	2.854	8.2	19.8
10 28	23 49.61	+ 5 30.5	1.975	2.844	11.7	20.0

154719 2004 MV_{4} 9 26.1 106.°89 4.°9/21.9 17

8 19	0 42.13	− 9 43.6	1.789	2.635	14.7	20.2
8 29	0 36.64	−10 36.9	1.738	2.655	11.3	20.0
9 8	0 28.93	−11 32.4	1.709	2.673	7.8	19.9
9 18	0 19.70	−12 23.1	1.705	2.692	5.2	19.7
9 28	0 9.92	−13 2.1	1.730	2.709	5.6	19.8
10 8	0 0.67	−13 24.1	1.781	2.727	8.4	20.0
10 18	23 52.86	−13 26.8	1.858	2.743	11.6	20.2
10 28	23 47.17	−13 10.1	1.958	2.759	14.5	20.5

409690 2006 AU_{84} 9 26.1 205.°37 8.°5/ 8.1 17

8 19	0 40.23	+33 48.9	3.040	3.638	14.1	21.2
8 29	0 35.04	+34 52.0	2.936	3.633	12.8	21.1
9 8	0 27.96	+35 37.0	2.851	3.628	11.4	21.0
9 18	0 19.38	+36 0.5	2.785	3.623	10.0	20.9
9 28	0 9.95	+36 0.6	2.744	3.618	8.9	20.8
10 8	0 0.49	+35 37.7	2.727	3.612	8.5	20.8
10 18	23 51.81	+34 54.7	2.737	3.605	8.9	20.8
10 28	23 44.66	+33 56.9	2.771	3.599	10.0	20.8

489692 2007 VK_{106} 9 26.1 299.°97 0.°5/25.7 16

8 19	0 35.63	+ 2 12.2	1.822	2.655	15.0	22.3
8 29	0 31.93	+ 1 50.5	1.739	2.648	11.7	22.0
9 8	0 26.06	+ 1 16.4	1.676	2.641	7.9	21.8
9 18	0 18.53	+ 0 33.1	1.638	2.635	3.5	21.5
9 28	0 10.17	− 0 14.1	1.627	2.628	1.2	21.3
10 8	0 1.98	− 0 58.7	1.644	2.622	5.6	21.6
10 18	23 54.94	− 1 35.0	1.687	2.616	9.8	21.9
10 28	23 49.82	− 1 58.3	1.753	2.610	13.5	22.1

520510 2014 LM_{31} 9 26.1 35.°25 2.°4/23.3 18

8 19	0 30.75	− 0 57.5	1.947	2.794	13.6	21.2
8 29	0 27.86	− 2 11.3	1.883	2.803	10.4	21.0
9 8	0 23.14	− 3 35.9	1.841	2.813	6.8	20.8
9 18	0 17.11	− 5 5.2	1.826	2.822	3.3	20.6
9 28	0 10.52	− 6 31.5	1.838	2.832	3.1	20.6
10 8	0 4.21	− 7 47.5	1.878	2.843	6.4	20.8
10 18	23 58.93	− 8 47.4	1.944	2.854	9.9	21.1
10 28	23 55.31	− 9 27.9	2.034	2.865	13.0	21.3

311855 2006 WE_{7} 9 26.1 311.°78 3.°8/22.3 18

8 19	0 34.69	− 6 40.2	1.930	2.782	13.5	20.8
8 29	0 31.02	− 7 33.1	1.855	2.777	10.4	20.6
9 8	0 25.35	− 8 32.1	1.803	2.773	7.0	20.4
9 18	0 18.16	− 9 31.2	1.777	2.768	4.2	20.2
9 28	0 10.27	−10 23.5	1.777	2.764	4.5	20.3
10 8	0 2.61	−11 2.7	1.805	2.760	7.6	20.4
10 18	23 56.04	−11 24.8	1.858	2.755	11.0	20.6
10 28	23 51.27	−11 27.8	1.934	2.751	14.1	20.8

263830 2008 SK_{227} 9 26.1 299.°62 1.°4/28.9 18

8 19	0 26.71	+10 43.0	4.302	5.073	8.1	20.7
8 29	0 23.80	+10 27.4	4.201	5.066	6.5	20.5
9 8	0 20.01	+10 3.4	4.123	5.060	4.7	20.4
9 18	0 15.60	+ 9 32.0	4.073	5.053	2.8	20.3
9 28	0 10.89	+ 8 54.9	4.051	5.047	1.4	20.1
10 8	0 6.23	+ 8 14.6	4.060	5.040	2.4	20.2
10 18	0 1.99	+ 7 33.6	4.098	5.034	4.3	20.4
10 28	23 58.49	+ 6 54.7	4.165	5.028	6.2	20.5

243088 2007 PL_{45} 9 26.1 11.°19 4.°3/17.7 17

8 19	0 29.36	−20 2.5	4.054	4.892	7.3	19.5
8 29	0 25.83	−20 43.6	3.993	4.893	5.9	19.4
9 8	0 21.35	−21 21.5	3.956	4.894	4.8	19.3
9 18	0 16.19	−21 53.1	3.947	4.896	4.3	19.3
9 28	0 10.76	−22 15.5	3.967	4.897	4.8	19.4
10 8	0 5.45	−22 26.5	4.013	4.898	6.0	19.4
10 18	0 0.67	−22 25.2	4.086	4.900	7.4	19.5
10 28	23 56.76	−22 11.4	4.181	4.901	8.7	19.7

263369 2008 CQ_{163} 9 26.1 239°.35 1°.2/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 36.87	+ 1 58.0	1.487	2.331	17.3	20.8
8 29	0 33.33	+ 1 16.7	1.413	2.329	13.4	20.6
9 8	0 27.21	+ 0 19.2	1.359	2.328	8.9	20.3
9 18	0 19.12	− 0 49.2	1.328	2.326	4.0	20.0
9 28	0 10.07	− 2 0.7	1.324	2.324	2.0	19.9
10 8	0 1.30	− 3 6.1	1.345	2.322	6.8	20.2
10 18	23 53.97	− 3 57.9	1.392	2.320	11.6	20.5
10 28	23 48.99	− 4 30.6	1.461	2.318	15.7	20.7

395029 2009 DN_{16} 9 26.1 296°.96 3°.0/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 33.64	− 2 33.1	1.722	2.574	14.9	20.8
8 29	0 30.61	− 3 30.9	1.634	2.557	11.5	20.5
9 8	0 25.32	− 4 40.9	1.568	2.540	7.6	20.2
9 18	0 18.26	− 5 56.9	1.527	2.523	3.9	20.0
9 28	0 10.26	− 7 11.0	1.513	2.507	3.7	19.9
10 8	0 2.37	− 8 14.8	1.525	2.490	7.6	20.1
10 18	23 55.60	− 9 1.5	1.563	2.474	11.7	20.4
10 28	23 50.83	− 9 27.0	1.622	2.458	15.4	20.6

358730 2008 CT_{20} 9 26.1 281°.60 1°.8/27.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 37.46	+ 7 12.9	2.010	2.815	14.8	21.0
8 29	0 33.27	+ 7 22.5	1.914	2.802	11.9	20.8
9 8	0 26.96	+ 7 18.9	1.838	2.790	8.4	20.5
9 18	0 18.98	+ 7 3.0	1.788	2.777	4.6	20.3
9 28	0 10.09	+ 6 37.5	1.764	2.764	1.8	20.1
10 8	0 1.28	+ 6 6.8	1.769	2.751	4.8	20.2
10 18	23 53.47	+ 5 36.1	1.801	2.738	8.7	20.5
10 28	23 47.50	+ 5 10.7	1.858	2.725	12.4	20.7

492239 2013 TQ_{114} 9 26.1 244°.56 1°.0/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 39.73	+ 0 43.5	1.834	2.662	15.1	22.5
8 29	0 35.22	+ 0 20.5	1.741	2.649	11.8	22.2
9 8	0 28.36	− 0 14.1	1.670	2.635	7.9	22.0
9 18	0 19.64	− 0 56.7	1.623	2.620	3.6	21.7
9 28	0 9.94	− 1 42.1	1.605	2.605	1.6	21.5
10 8	0 0.33	− 2 23.6	1.614	2.589	6.1	21.8
10 18	23 51.87	− 2 55.5	1.650	2.573	10.4	22.0
10 28	23 45.45	− 3 13.5	1.710	2.556	14.3	22.2

242655 2005 QF_{39} 9 26.1 27°.18 3°.0/28.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 37.08	+ 9 10.5	1.659	2.471	17.2	19.4
8 29	0 33.18	+ 9 34.2	1.589	2.479	13.8	19.2
9 8	0 26.93	+ 9 41.4	1.539	2.488	9.9	19.0
9 18	0 18.93	+ 9 32.5	1.512	2.497	5.8	18.7
9 28	0 10.13	+ 9 10.6	1.510	2.507	3.0	18.6
10 8	0 1.65	+ 8 40.6	1.536	2.518	5.3	18.8
10 18	23 54.51	+ 8 8.7	1.587	2.529	9.2	19.0
10 28	23 49.51	+ 7 41.1	1.662	2.541	12.9	19.3

325617 2009 SZ_{237} 9 26.1 336°.38 5°.2/20.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 33.04	−10 35.8	1.906	2.767	13.3	20.0
8 29	0 29.81	−11 36.6	1.834	2.759	10.4	19.8
9 8	0 24.58	−12 40.6	1.784	2.751	7.3	19.6
9 18	0 17.84	−13 41.0	1.760	2.743	5.3	19.5
9 28	0 10.39	−14 30.4	1.761	2.737	6.0	19.5
10 8	0 3.16	−15 2.8	1.789	2.730	8.7	19.6
10 18	23 57.02	−15 14.8	1.842	2.724	11.9	19.8
10 28	23 52.68	−15 5.2	1.916	2.719	14.7	20.0

203941 2003 QK_{78} 9 26.1 346°.68 4°.9/29.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 37.93	+ 9 55.9	1.353	2.176	19.8	19.4
8 29	0 34.68	+10 59.7	1.272	2.166	16.3	19.2
9 8	0 28.48	+11 47.0	1.210	2.157	12.2	18.9
9 18	0 19.86	+12 15.7	1.168	2.150	7.8	18.7
9 28	0 9.90	+12 25.7	1.151	2.143	5.0	18.5
10 8	0 0.07	+12 20.3	1.157	2.138	6.9	18.6
10 18	23 51.77	+12 5.7	1.188	2.134	11.2	18.8
10 28	23 46.16	+11 49.7	1.240	2.131	15.5	19.1

207267 2005 EK_{280} 9 26.1 152°.11 4°.0/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 41.10	− 9 15.8	2.059	2.899	13.3	20.5
8 29	0 35.75	− 9 45.5	1.989	2.903	10.3	20.3
9 8	0 28.37	−10 17.3	1.942	2.907	7.0	20.1
9 18	0 19.51	−10 46.0	1.922	2.910	4.4	19.9
9 28	0 10.03	−11 6.3	1.929	2.913	4.5	19.9
10 8	0 0.88	−11 13.9	1.965	2.916	7.3	20.1
10 18	23 52.91	−11 6.4	2.027	2.919	10.5	20.3
10 28	23 46.83	−10 43.2	2.113	2.921	13.3	20.5

168681 2000 FP_{19} 9 26.1 185°.40 3°.0/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 35.32	− 4 52.6	2.286	3.124	12.2	20.5
8 29	0 31.17	− 5 52.5	2.209	3.124	9.3	20.3
9 8	0 25.28	− 6 59.0	2.156	3.124	6.2	20.1
9 18	0 18.11	− 8 7.1	2.130	3.123	3.5	19.9
9 28	0 10.36	− 9 10.5	2.133	3.122	3.6	20.0
10 8	0 2.80	−10 3.5	2.164	3.120	6.4	20.1
10 18	23 56.17	−10 41.9	2.223	3.118	9.5	20.3
10 28	23 51.10	−11 3.3	2.306	3.115	12.3	20.5

13912 1979 QA_2 9 26.1 124°.79 0°.2/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 39.70	+ 3 21.2	1.756	2.580	15.9	18.8
8 29	0 34.98	+ 2 53.1	1.688	2.592	12.4	18.6
9 8	0 28.01	+ 2 11.4	1.641	2.603	8.3	18.4
9 18	0 19.39	+ 1 19.8	1.619	2.614	3.7	18.2
9 28	0 10.07	+ 0 24.3	1.624	2.625	1.0	18.0
10 8	0 1.12	− 0 28.3	1.657	2.635	5.6	18.4
10 18	23 53.51	− 1 11.9	1.717	2.645	9.8	18.6
10 28	23 47.98	− 1 42.0	1.802	2.655	13.4	18.9

116725 2004 DG_{13} 9 26.1 43°.93 5°.1/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 37.81	+14 4.3	1.373	2.178	20.4	18.9
8 29	0 34.28	+14 32.1	1.307	2.187	16.9	18.7
9 8	0 27.95	+14 35.8	1.260	2.198	12.7	18.5
9 18	0 19.49	+14 14.5	1.232	2.208	8.3	18.3
9 28	0 10.04	+13 31.0	1.229	2.219	5.3	18.1
10 8	0 1.00	+12 32.3	1.250	2.231	6.6	18.2
10 18	23 53.60	+11 27.9	1.296	2.243	10.5	18.5
10 28	23 48.79	+10 27.3	1.365	2.255	14.5	18.8

258577 2002 CM_{147} 9 26.1 268°.23 0°.7/26.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 38.72	+ 4 56.2	1.423	2.258	18.4	21.4
8 29	0 35.07	+ 4 45.8	1.340	2.249	14.6	21.1
9 8	0 28.60	+ 4 17.8	1.277	2.240	10.0	20.8
9 18	0 19.87	+ 3 34.6	1.235	2.230	4.8	20.5
9 28	0 9.93	+ 2 41.9	1.219	2.221	1.0	20.2
10 8	0 0.16	+ 1 47.8	1.229	2.211	6.4	20.6
10 18	23 51.86	+ 1 0.6	1.263	2.201	11.6	20.8
10 28	23 46.11	+ 0 27.2	1.320	2.191	16.1	21.1

158769 2003 SY_{47} 9 26.1 133°.53 2°.8/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 32.62	+14 5.0	2.534	3.302	13.1	20.1
8 29	0 28.98	+13 49.2	2.447	3.307	10.7	19.9
9 8	0 23.77	+13 17.4	2.381	3.311	7.9	19.7
9 18	0 17.41	+12 30.6	2.340	3.315	5.0	19.6
9 28	0 10.53	+11 31.7	2.327	3.319	2.9	19.4
10 8	0 3.80	+10 25.5	2.343	3.323	4.0	19.5
10 18	23 57.90	+ 9 17.3	2.387	3.327	6.8	19.7
10 28	23 53.39	+ 8 12.8	2.459	3.330	9.6	19.9

446031 2013 CC_{81} 9 26.1 233°.59 1°.3/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 34.36	+ 8 40.2	2.345	3.140	13.2	22.3
8 29	0 30.53	+ 8 11.4	2.246	3.130	10.6	22.1
9 8	0 24.94	+ 7 27.7	2.169	3.119	7.4	21.9
9 18	0 18.02	+ 6 30.8	2.118	3.107	3.9	21.7
9 28	0 10.40	+ 5 24.8	2.095	3.095	1.3	21.4
10 8	0 2.86	+ 4 15.3	2.102	3.083	4.2	21.6
10 18	23 56.18	+ 3 8.2	2.137	3.071	7.8	21.8
10 28	23 51.00	+ 2 9.2	2.198	3.058	11.0	22.0

86259 1999 TC_{229} 9 26.1 320°.05 4°.0/30.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 32.26	+15 24.3	2.041	2.818	15.6	19.1
8 29	0 29.23	+15 21.9	1.948	2.810	12.9	18.9
9 8	0 24.24	+14 59.7	1.875	2.803	9.8	18.6
9 18	0 17.74	+14 17.6	1.824	2.796	6.5	18.4
9 28	0 10.46	+13 18.4	1.800	2.789	4.1	18.3
10 8	0 3.30	+12 7.2	1.803	2.782	5.0	18.3
10 18	23 57.11	+10 51.2	1.833	2.776	8.2	18.5
10 28	23 52.65	+ 9 38.0	1.888	2.769	11.5	18.7

478741 2012 UT_{78} 9 26.1 13°.68 4°.4/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 43.51	− 9 18.7	1.185	2.054	19.2	19.9
8 29	0 38.90	− 9 6.5	1.130	2.059	14.9	19.7
9 8	0 31.08	− 8 54.9	1.093	2.065	10.1	19.4
9 18	0 20.90	− 8 38.3	1.078	2.072	5.6	19.2
9 28	0 9.77	− 8 11.0	1.087	2.080	5.0	19.2
10 8	23 59.31	− 7 29.5	1.121	2.090	9.1	19.5
10 18	23 50.92	− 6 33.1	1.178	2.101	13.7	19.8
10 28	23 45.52	− 5 22.9	1.256	2.113	17.7	20.0

517099 2013 CQ_{224} 9 26.1 306°.88 1°.0/27.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 32.81	+ 7 2.1	1.791	2.613	15.7	21.4
8 29	0 29.91	+ 6 37.2	1.698	2.599	12.5	21.2
9 8	0 24.84	+ 5 54.8	1.626	2.585	8.7	20.9
9 18	0 18.06	+ 4 57.1	1.578	2.571	4.4	20.6
9 28	0 10.38	+ 3 49.4	1.557	2.558	1.1	20.4
10 8	0 2.79	+ 2 38.9	1.562	2.545	5.2	20.6
10 18	23 56.28	+ 1 33.2	1.594	2.532	9.6	20.9
10 28	23 51.68	+ 0 39.3	1.649	2.519	13.5	21.1

405866 2006 DQ_{98} 9 26.1 215°.36 0°.8/27.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 34.33	+ 6 4.6	2.664	3.463	11.7	22.1
8 29	0 30.23	+ 5 51.0	2.571	3.459	9.3	22.0
9 8	0 24.59	+ 5 26.7	2.501	3.454	6.4	21.8
9 18	0 17.81	+ 4 53.6	2.457	3.449	3.2	21.6
9 28	0 10.47	+ 4 14.6	2.443	3.444	0.9	21.4
10 8	0 3.24	+ 3 33.9	2.457	3.438	3.8	21.6
10 18	23 56.77	+ 2 55.6	2.501	3.432	6.9	21.8
10 28	23 51.63	+ 2 23.5	2.571	3.426	9.8	22.0

351868 2006 SA_{38} 9 26.1 261.°85 4.°0/27.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 53.96	+ 5 5.6	1.224	2.043	21.7	20.2
8 29	0 47.81	+ 6 31.4	1.140	2.035	17.7	20.0
9 8	0 37.74	+ 7 48.0	1.074	2.026	12.8	19.6
9 18	0 24.31	+ 8 52.5	1.030	2.018	7.4	19.3
9 28	0 8.93	+ 9 42.6	1.012	2.009	4.0	19.1
10 8	23 53.59	+10 19.3	1.021	2.001	7.8	19.3
10 18	23 40.29	+10 46.0	1.054	1.992	13.3	19.6
10 28	23 30.57	+11 9.1	1.109	1.983	18.4	19.9

337992 2002 CJ_{294} 9 26.1 156.°78 0.°8/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 41.05	+ 4 55.7	2.218	3.018	13.8	21.4
8 29	0 35.63	+ 4 51.4	2.137	3.025	10.8	21.2
9 8	0 28.28	+ 4 36.0	2.078	3.032	7.4	21.0
9 18	0 19.51	+ 4 11.3	2.046	3.039	3.6	20.8
9 28	0 10.09	+ 3 40.7	2.043	3.045	0.9	20.6
10 8	0 0.91	+ 3 8.9	2.070	3.050	4.5	20.9
10 18	23 52.80	+ 2 40.2	2.125	3.054	8.1	21.1
10 28	23 46.44	+ 2 18.7	2.206	3.058	11.3	21.3

255447 2005 YN_{24} 9 26.1 202.°88 0.°0/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 33.96	+ 3 40.3	2.642	3.451	11.5	21.7
8 29	0 29.93	+ 3 14.5	2.552	3.449	9.0	21.5
9 8	0 24.38	+ 2 38.8	2.486	3.445	6.0	21.3
9 18	0 17.71	+ 1 55.7	2.447	3.442	2.8	21.1
9 28	0 10.50	+ 1 8.9	2.436	3.438	0.6	20.9
10 8	0 3.42	+ 0 22.9	2.456	3.434	4.0	21.2
10 18	23 57.11	− 0 18.1	2.504	3.429	7.2	21.4
10 28	23 52.12	− 0 50.6	2.578	3.425	10.0	21.6

174853 2003 YS_{168} 9 26.1 358.°43 5.°7/21.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 36.49	−10 5.9	1.439	2.308	16.3	19.1
8 29	0 33.07	−10 50.2	1.376	2.305	12.7	18.9
9 8	0 27.04	−11 37.6	1.333	2.304	8.9	18.6
9 18	0 19.05	−12 20.3	1.314	2.303	6.0	18.5
9 28	0 10.19	−12 50.0	1.320	2.302	6.5	18.5
10 8	0 1.73	−13 0.2	1.350	2.303	9.8	18.7
10 18	23 54.80	−12 47.9	1.404	2.305	13.6	18.9
10 28	23 50.25	−12 13.2	1.478	2.307	17.0	19.2

40900 1999 TV_{142} 9 26.1 344.°50 0.°2/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 33.31	+ 4 23.6	2.045	2.868	14.0	19.7
8 29	0 29.88	+ 3 58.7	1.962	2.865	10.9	19.5
9 8	0 24.58	+ 3 20.9	1.902	2.863	7.4	19.3
9 18	0 17.86	+ 2 33.0	1.866	2.862	3.5	19.1
9 28	0 10.46	+ 1 39.9	1.858	2.860	0.7	18.9
10 8	0 3.25	+ 0 47.4	1.878	2.859	4.8	19.2
10 18	23 57.04	+ 0 1.1	1.925	2.857	8.6	19.4
10 28	23 52.49	− 0 34.2	1.997	2.856	12.0	19.6

493082 2014 SZ_{314} 9 26.2 321.°18 0.°3/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 30.24	+ 5 52.1	2.399	3.213	12.4	21.5
8 29	0 27.26	+ 5 11.2	2.309	3.207	9.7	21.3
9 8	0 22.71	+ 4 17.2	2.241	3.200	6.6	21.1
9 18	0 16.98	+ 3 12.8	2.200	3.194	3.1	20.8
9 28	0 10.68	+ 2 2.7	2.187	3.188	0.6	20.6
10 8	0 4.50	+ 0 52.7	2.202	3.182	4.2	20.9
10 18	23 59.11	− 0 11.8	2.246	3.177	7.6	21.1
10 28	23 55.10	− 1 5.8	2.316	3.171	10.7	21.3

510363 2011 SC_{259} 9 26.2 28.°04 8.°5/20.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 39.85	−17 30.9	1.409	2.277	16.7	19.9
8 29	0 35.50	−18 23.1	1.367	2.289	13.4	19.8
9 8	0 28.48	−19 9.4	1.346	2.303	10.3	19.6
9 18	0 19.62	−19 40.7	1.347	2.317	8.5	19.6
9 28	0 10.11	−19 49.4	1.372	2.332	9.2	19.6
10 8	0 1.30	−19 31.6	1.421	2.347	11.8	19.8
10 18	23 54.25	−18 47.7	1.492	2.364	14.8	20.1
10 28	23 49.71	−17 40.8	1.583	2.381	17.6	20.3

99020 2001 DU_{75} 9 26.2 101.°33 1.°5/27.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 34.78	+ 7 57.6	2.392	3.189	13.0	19.9
8 29	0 30.68	+ 7 48.3	2.313	3.197	10.3	19.7
9 8	0 24.92	+ 7 26.5	2.255	3.204	7.2	19.5
9 18	0 17.96	+ 6 53.8	2.224	3.212	3.9	19.3
9 28	0 10.46	+ 6 13.6	2.220	3.220	1.5	19.2
10 8	0 3.17	+ 5 30.2	2.246	3.228	3.9	19.4
10 18	23 56.77	+ 4 48.3	2.300	3.235	7.2	19.6
10 28	23 51.86	+ 4 12.5	2.380	3.243	10.2	19.8

14672 1999 RO_{94} 9 26.2 176.°47 1.°7/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 37.46	− 2 49.4	2.325	3.154	12.3	17.7
8 29	0 32.78	− 3 7.8	2.246	3.154	9.5	17.5
9 8	0 26.35	− 3 32.2	2.189	3.155	6.3	17.3
9 18	0 18.63	− 3 59.3	2.159	3.155	2.9	17.1
9 28	0 10.31	− 4 24.9	2.158	3.155	2.1	17.0
10 8	0 2.21	− 4 44.8	2.186	3.155	5.3	17.2
10 18	23 55.06	− 4 55.7	2.242	3.155	8.6	17.4
10 28	23 49.49	− 4 55.3	2.322	3.155	11.5	17.6

411045 2009 VO_{12} 9 26.2 329.°59 3.°7/30.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 31.40	+15 6.4	2.121	2.898	15.0	21.2
8 29	0 28.48	+15 1.5	2.027	2.890	12.4	21.0
9 8	0 23.70	+14 37.3	1.953	2.883	9.4	20.8
9 18	0 17.50	+13 54.4	1.903	2.875	6.2	20.6
9 28	0 10.56	+12 55.2	1.879	2.869	3.9	20.4
10 8	0 3.74	+11 45.0	1.882	2.862	4.8	20.5
10 18	23 57.84	+10 30.6	1.913	2.856	7.9	20.6
10 28	23 53.58	+ 9 19.1	1.969	2.850	11.1	20.8

398251 2010 RA_{149} 9 26.2 39.°61 1.°3/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 33.53	+ 7 58.5	1.891	2.705	15.3	20.9
8 29	0 30.16	+ 7 36.9	1.816	2.711	12.1	20.7
9 8	0 24.80	+ 6 58.9	1.762	2.717	8.4	20.5
9 18	0 17.97	+ 6 7.2	1.733	2.724	4.4	20.3
9 28	0 10.47	+ 5 6.4	1.730	2.731	1.4	20.1
10 8	0 3.23	+ 4 3.3	1.755	2.738	4.7	20.3
10 18	23 57.09	+ 3 4.3	1.807	2.745	8.6	20.6
10 28	23 52.76	+ 2 15.4	1.884	2.753	12.1	20.8

20073 Yumiko 9 26.2 142.°49 4.°0/29.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 40.40	+12 37.6	1.615	2.408	18.3	18.8
8 29	0 35.98	+12 54.8	1.538	2.413	15.0	18.6
9 8	0 28.98	+12 51.5	1.479	2.418	11.1	18.4
9 18	0 19.98	+12 27.4	1.443	2.422	7.0	18.1
9 28	0 10.01	+11 45.4	1.433	2.426	4.1	18.0
10 8	0 0.31	+10 51.3	1.449	2.429	5.9	18.1
10 18	23 52.05	+ 9 53.2	1.491	2.433	9.8	18.3
10 28	23 46.13	+ 8 59.2	1.557	2.436	13.7	18.6

279531 2011 BL_{53} 9 26.2 242.°67 0.°2/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 33.53	+ 2 43.8	2.684	3.497	11.3	21.5
8 29	0 29.62	+ 2 18.3	2.588	3.487	8.8	21.3
9 8	0 24.21	+ 1 43.5	2.516	3.476	5.9	21.1
9 18	0 17.66	+ 1 1.8	2.470	3.466	2.7	20.8
9 28	0 10.55	+ 0 17.0	2.454	3.455	0.8	20.7
10 8	0 3.52	− 0 26.5	2.467	3.444	4.1	20.9
10 18	23 57.23	− 1 4.9	2.509	3.433	7.3	21.1
10 28	23 52.22	− 1 34.4	2.577	3.422	10.1	21.3

453231 2008 KH_{18} 9 26.2 37.°01 9.°5/15.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 33.52	−22 0.2	1.791	2.654	13.9	20.6
8 29	0 30.23	−23 51.7	1.758	2.668	11.6	20.5
9 8	0 24.83	−25 34.8	1.748	2.683	9.9	20.4
9 18	0 17.94	−26 59.9	1.761	2.698	9.6	20.4
9 28	0 10.50	−27 58.9	1.800	2.714	10.7	20.5
10 8	0 3.51	−28 27.6	1.861	2.730	12.6	20.7
10 18	23 57.84	−28 25.7	1.944	2.747	14.7	20.9
10 28	23 54.11	−27 55.8	2.045	2.763	16.6	21.0

13078 1991 WD 9 26.2 252.°53 7.°2/18.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 38.31	−17 5.0	2.094	2.943	12.7	18.5
8 29	0 33.88	−18 24.9	2.015	2.926	10.3	18.3
9 8	0 27.34	−19 44.1	1.959	2.908	8.1	18.1
9 18	0 19.18	−20 54.7	1.929	2.890	7.2	18.1
9 28	0 10.20	−21 48.8	1.926	2.871	8.1	18.1
10 8	0 1.36	−22 20.5	1.949	2.852	10.4	18.2
10 18	23 53.58	−22 27.1	1.996	2.832	13.1	18.3
10 28	23 47.66	−22 8.6	2.064	2.812	15.6	18.5

447206 2005 TW_{25} 9 26.2 281.°85 2.°6/29.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 31.92	+13 14.1	2.200	2.983	14.4	21.8
8 29	0 28.84	+12 47.5	2.098	2.969	11.8	21.6
9 8	0 23.94	+12 1.9	2.016	2.954	8.6	21.4
9 18	0 17.62	+10 58.2	1.959	2.940	5.3	21.1
9 28	0 10.55	+ 9 40.0	1.929	2.925	2.7	20.9
10 8	0 3.55	+ 8 13.3	1.928	2.910	4.4	21.0
10 18	23 57.42	+ 6 45.4	1.954	2.895	7.9	21.2
10 28	23 52.87	+ 5 23.7	2.007	2.880	11.3	21.4

484873 2009 OD_{24} 9 26.2 316.°79 3.°3/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 39.27	− 8 10.3	2.117	2.957	13.0	21.1
8 29	0 34.43	− 8 24.1	2.035	2.949	10.0	20.9
9 8	0 27.58	− 8 40.2	1.976	2.941	6.8	20.7
9 18	0 19.25	− 8 54.5	1.942	2.934	3.9	20.5
9 28	0 10.20	− 9 2.4	1.937	2.926	3.8	20.5
10 8	0 1.37	− 8 59.8	1.960	2.919	6.7	20.7
10 18	23 53.60	− 8 44.4	2.010	2.912	10.0	20.9
10 28	23 47.62	− 8 15.3	2.084	2.905	13.0	21.1

472565 2015 DR_{73} 9 26.2 192.°04 0.°2/26.4 17 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 39.34	+ 4 34.7	1.805	2.623	15.7	22.6
8 29	0 34.85	+ 4 10.1	1.722	2.622	12.4	22.4
9 8	0 28.07	+ 3 30.6	1.660	2.621	8.4	22.2
9 18	0 19.54	+ 2 39.4	1.624	2.618	3.9	21.9
9 28	0 10.15	+ 1 41.8	1.614	2.616	0.8	21.7
10 8	0 0.97	+ 0 44.7	1.633	2.613	5.4	22.0
10 18	23 53.02	− 0 5.1	1.679	2.609	9.8	22.2
10 28	23 47.12	− 0 42.4	1.749	2.604	13.6	22.5

144356 2004 DJ_{41} 9 26.2 84°.67 3°.9/21.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 33.65	− 5 36.3	1.971	2.822	13.3	19.5
8 29	0 30.07	− 7 3.2	1.913	2.835	10.2	19.3
9 8	0 24.63	− 8 37.0	1.879	2.848	6.8	19.2
9 18	0 17.86	−10 10.5	1.871	2.861	4.2	19.0
9 28	0 10.55	−11 35.6	1.890	2.874	4.8	19.1
10 8	0 3.55	−12 45.3	1.938	2.886	7.6	19.3
10 18	23 57.64	−13 35.1	2.012	2.899	10.8	19.5
10 28	23 53.45	−14 3.0	2.108	2.911	13.5	19.7

365107 2009 BZ_{182} 9 26.2 210°.04 0°.9/27.0 18

8 19	0 40.24	+ 4 43.7	2.324	3.123	13.2	21.4
8 29	0 35.06	+ 4 49.6	2.231	3.119	10.5	21.2
9 8	0 27.97	+ 4 45.4	2.160	3.113	7.2	21.0
9 18	0 19.44	+ 4 32.5	2.116	3.108	3.6	20.7
9 28	0 10.18	+ 4 13.7	2.101	3.102	1.0	20.5
10 8	0 1.04	+ 3 52.8	2.115	3.095	4.3	20.8
10 18	23 52.85	+ 3 33.7	2.158	3.088	7.9	21.0
10 28	23 46.31	+ 3 20.3	2.227	3.081	11.1	21.2

89872 2002 CZ_{144} 9 26.2 148°.98 0°.8/27.8 18

8 19	0 27.22	+ 7 14.5	4.656	5.440	7.3	19.8
8 29	0 24.11	+ 7 1.1	4.564	5.441	5.8	19.7
9 8	0 20.21	+ 6 41.2	4.496	5.443	4.0	19.6
9 18	0 15.75	+ 6 16.0	4.456	5.444	2.1	19.5
9 28	0 11.03	+ 5 47.3	4.446	5.446	0.8	19.4
10 8	0 6.38	+ 5 17.0	4.466	5.447	2.2	19.5
10 18	0 2.12	+ 4 47.3	4.516	5.449	4.1	19.6
10 28	23 58.54	+ 4 20.3	4.595	5.450	5.8	19.8

476292 2007 VG_{295} 9 26.2 230°.97 3°.2/29.8 18

8 19	0 34.97	+14 5.6	2.234	3.006	14.5	22.1
8 29	0 31.16	+13 55.2	2.136	2.997	12.0	21.9
9 8	0 25.47	+13 26.7	2.058	2.989	8.9	21.6
9 18	0 18.33	+12 40.6	2.004	2.980	5.7	21.4
9 28	0 10.43	+11 39.6	1.978	2.970	3.3	21.3
10 8	0 2.64	+10 28.9	1.980	2.961	4.6	21.3
10 18	23 55.75	+ 9 15.0	2.011	2.951	7.8	21.5
10 28	23 50.49	+ 8 4.8	2.068	2.940	11.1	21.7

92705 2000 QY_{83} 9 26.2 68°.68 1°.4/27.2 18

8 19	0 40.76	+ 5 17.0	1.652	2.471	16.9	19.1
8 29	0 36.11	+ 5 30.1	1.577	2.475	13.4	18.8
9 8	0 28.99	+ 5 29.3	1.522	2.479	9.3	18.6
9 18	0 19.98	+ 5 16.3	1.491	2.483	4.7	18.3
9 28	0 10.08	+ 4 54.6	1.487	2.487	1.4	18.1
10 8	0 0.48	+ 4 29.6	1.509	2.492	5.4	18.4
10 18	23 52.27	+ 4 6.9	1.558	2.496	9.8	18.7
10 28	23 46.32	+ 3 51.6	1.631	2.500	13.7	18.9

11512 1991 AB_{2} 9 26.2 220°.64 0°.4/25.8 18

8 19	0 37.78	+ 4 13.7	1.688	2.515	16.3	17.7
8 29	0 33.86	+ 3 32.4	1.603	2.509	12.8	17.5
9 8	0 27.55	+ 2 34.0	1.539	2.502	8.6	17.2
9 18	0 19.36	+ 1 22.6	1.499	2.495	3.9	16.9
9 28	0 10.22	+ 0 5.0	1.485	2.487	1.1	16.7
10 8	0 1.25	− 1 10.5	1.500	2.478	6.0	17.0
10 18	23 53.54	− 2 15.6	1.541	2.469	10.6	17.3
10 28	23 47.96	− 3 4.3	1.605	2.460	14.6	17.5

432860 2011 HN_{80} 9 26.2 48°.43 4°.7/21.6 16

8 19	0 33.91	− 3 16.3	1.340	2.208	17.4	20.0
8 29	0 30.88	− 5 13.2	1.304	2.236	13.1	19.8
9 8	0 25.40	− 7 20.4	1.289	2.263	8.6	19.6
9 18	0 18.24	− 9 26.5	1.298	2.291	5.1	19.5
9 28	0 10.52	−11 18.7	1.334	2.320	5.8	19.6
10 8	0 3.42	−12 47.1	1.395	2.349	9.4	19.9
10 18	23 57.91	−13 46.5	1.479	2.378	13.2	20.2
10 28	23 54.66	−14 15.8	1.585	2.407	16.4	20.5

510184 2011 BM_{115} 9 26.2 307°.63 1°.1/25.3 18

8 19	0 34.68	+ 2 2.6	1.330	2.185	18.3	22.1
8 29	0 32.17	+ 1 31.0	1.246	2.168	14.4	21.8
9 8	0 26.84	+ 0 41.4	1.180	2.151	9.7	21.5
9 18	0 19.19	− 0 21.7	1.137	2.134	4.4	21.1
9 28	0 10.25	− 1 30.5	1.117	2.118	1.9	20.9
10 8	0 1.41	− 2 35.0	1.123	2.102	7.4	21.2
10 18	23 54.01	− 3 26.0	1.152	2.087	12.8	21.5
10 28	23 49.17	− 3 56.7	1.202	2.072	17.5	21.7

484819 2009 FD_{52} 9 26.2 142°.90 2°.3/23.4 18

8 19	0 34.23	− 1 53.2	2.127	2.964	13.0	21.5
8 29	0 30.46	− 2 56.3	2.054	2.969	9.9	21.3
9 8	0 24.90	− 4 8.7	2.005	2.974	6.5	21.1
9 18	0 18.02	− 5 25.2	1.982	2.978	3.2	20.9
9 28	0 10.56	− 6 39.0	1.988	2.982	3.0	20.9
10 8	0 3.33	− 7 43.6	2.023	2.986	6.2	21.1
10 18	23 57.09	− 8 34.1	2.084	2.990	9.5	21.3
10 28	23 52.48	− 9 7.3	2.169	2.993	12.5	21.5

319348 2006 CS_{21} 9 26.2 198°.65 0°.4/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 34.79	+ 1 34.4	2.793	3.605	10.9	21.3
8 29	0 30.49	+ 1 13.2	2.704	3.602	8.5	21.1
9 8	0 24.74	+ 0 44.0	2.638	3.599	5.6	20.9
9 18	0 17.91	+ 0 9.5	2.600	3.596	2.5	20.7
9 28	0 10.58	− 0 27.0	2.591	3.592	0.9	20.6
10 8	0 3.38	− 1 1.6	2.613	3.589	4.0	20.8
10 18	23 56.91	− 1 30.9	2.663	3.584	7.0	21.0
10 28	23 51.70	− 1 51.7	2.739	3.580	9.7	21.2

239132 2006 JE_{13} 9 26.2 26°.45 7°.9/19.3 18

8 19	0 37.88	−16 11.7	1.595	2.460	15.3	19.6
8 29	0 33.89	−17 23.7	1.542	2.463	12.2	19.4
9 8	0 27.45	−18 33.1	1.511	2.467	9.4	19.3
9 18	0 19.24	−19 30.7	1.503	2.472	7.9	19.2
9 28	0 10.31	−20 8.1	1.520	2.476	8.8	19.3
10 8	0 1.83	−20 19.6	1.561	2.481	11.3	19.4
10 18	23 54.83	−20 4.0	1.625	2.487	14.3	19.6
10 28	23 50.10	−19 22.9	1.709	2.492	17.0	19.9

356280 2010 BK_{89} 9 26.2 320°.80 1°.9/22.5 15

8 19	0 27.27	− 6 19.4	3.982	4.817	7.5	20.7
8 29	0 24.32	− 6 57.0	3.896	4.809	5.7	20.5
9 8	0 20.44	− 7 37.4	3.835	4.802	3.8	20.4
9 18	0 15.90	− 8 17.9	3.803	4.795	2.2	20.3
9 28	0 11.05	− 8 55.8	3.800	4.787	2.3	20.3
10 8	0 6.27	− 9 28.1	3.827	4.780	4.0	20.4
10 18	0 1.94	− 9 52.9	3.882	4.773	5.9	20.5
10 28	23 58.41	−10 8.4	3.963	4.767	7.7	20.6

167430 2003 WW_{159} 9 26.2 147°.75 1°.3/24.8 18

8 19	0 37.15	− 0 4.9	2.251	3.075	12.8	21.1
8 29	0 32.58	− 0 41.5	2.176	3.083	9.9	20.9
9 8	0 26.24	− 1 27.1	2.125	3.090	6.5	20.7
9 18	0 18.62	− 2 17.8	2.101	3.097	2.9	20.5
9 28	0 10.44	− 3 8.5	2.105	3.104	1.8	20.4
10 8	0 2.51	− 3 54.0	2.138	3.110	5.2	20.6
10 18	23 55.57	− 4 29.8	2.200	3.116	8.6	20.9
10 28	23 50.24	− 4 52.8	2.286	3.121	11.6	21.1

24914 1997 EZ_{2} 9 26.2 117°.49 2°.4/24.3 18

8 19	0 41.53	− 2 54.4	1.584	2.427	16.4	18.7
8 29	0 36.71	− 3 20.9	1.517	2.434	12.7	18.5
9 8	0 29.36	− 3 56.3	1.472	2.440	8.4	18.3
9 18	0 20.14	− 4 35.4	1.450	2.447	4.0	18.0
9 28	0 10.11	− 5 11.4	1.456	2.453	3.1	18.0
10 8	0 0.49	− 5 37.9	1.488	2.459	7.1	18.2
10 18	23 52.37	− 5 50.4	1.547	2.465	11.4	18.5
10 28	23 46.58	− 5 46.5	1.627	2.470	15.1	18.8

216081 2006 QM_{78} 9 26.2 28°.13 1°.4/25.3 17

8 19	0 36.08	+ 0 33.8	0.940	1.820	22.0	19.7
8 29	0 33.57	+ 0 18.3	0.899	1.835	17.0	19.5
9 8	0 27.72	− 0 13.9	0.876	1.852	11.2	19.2
9 18	0 19.46	− 0 56.5	0.871	1.870	5.0	19.0
9 28	0 10.30	− 1 39.9	0.889	1.890	2.2	18.9
10 8	0 1.94	− 2 14.4	0.929	1.911	8.0	19.3
10 18	23 55.76	− 2 33.1	0.991	1.933	13.5	19.7
10 28	23 52.61	− 2 32.1	1.072	1.956	18.0	20.0

293276 2007 CJ_{48} 9 26.2 142°.14 1°.5/28.1 18

8 19	0 34.54	+ 8 52.6	2.498	3.288	12.7	21.1
8 29	0 30.47	+ 8 36.2	2.415	3.294	10.1	21.0
9 8	0 24.80	+ 8 6.8	2.354	3.300	7.1	20.8
9 18	0 17.98	+ 7 26.1	2.319	3.306	3.9	20.6
9 28	0 10.62	+ 6 37.5	2.312	3.311	1.5	20.4
10 8	0 3.43	+ 5 45.5	2.335	3.316	3.8	20.6
10 18	23 57.10	+ 4 54.9	2.386	3.321	7.0	20.8
10 28	23 52.19	+ 4 10.4	2.464	3.326	9.9	21.0

301166 2008 YQ_{53} 9 26.2 298°.07 11°.4/ 6.7 18

8 19	0 42.68	+30 15.9	1.956	2.622	19.4	21.0
8 29	0 38.03	+31 55.1	1.866	2.619	17.5	20.9
9 8	0 30.64	+33 11.9	1.793	2.616	15.4	20.7
9 18	0 20.95	+33 59.9	1.739	2.613	13.4	20.6
9 28	0 9.91	+34 14.8	1.707	2.610	11.8	20.5
10 8	23 58.79	+33 56.5	1.699	2.607	11.4	20.4
10 18	23 48.91	+33 9.4	1.714	2.604	12.2	20.5
10 28	23 41.41	+32 2.4	1.752	2.601	13.9	20.6

157650 2005 YB_{22} 9 26.2 85°.84 0°.6/25.7 18

8 19	0 37.97	+ 2 31.3	1.676	2.508	16.1	20.4
8 29	0 33.78	+ 2 2.2	1.611	2.520	12.5	20.2
9 8	0 27.32	+ 1 19.6	1.566	2.532	8.3	20.0
9 18	0 19.19	+ 0 27.8	1.547	2.543	3.7	19.7
9 28	0 10.36	− 0 27.0	1.554	2.555	1.3	19.6
10 8	0 1.91	− 1 17.6	1.588	2.566	5.8	19.9
10 18	23 54.82	− 1 58.1	1.649	2.578	10.0	20.2
10 28	23 49.82	− 2 24.1	1.733	2.589	13.7	20.4

190606 2000 UO_{99} 9 26.2 353°.26 2°.8/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 34.80	+ 8 47.0	1.377	2.208	19.1	19.0
8 29	0 32.06	+ 9 1.3	1.302	2.204	15.4	18.7
9 8	0 26.62	+ 8 55.8	1.245	2.200	11.0	18.5
9 18	0 19.04	+ 8 31.1	1.209	2.198	6.3	18.2
9 28	0 10.37	+ 7 51.3	1.197	2.196	2.8	18.0
10 8	0 1.94	+ 7 3.2	1.210	2.195	6.0	18.2
10 18	23 54.98	+ 6 15.3	1.247	2.194	10.7	18.5
10 28	23 50.49	+ 5 35.5	1.307	2.195	15.1	18.7

385307 2001 VQ_{112} 9 26.2 346°.27 0°.6/26.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 32.68	+ 3 40.0	1.155	2.019	19.9	20.4
8 29	0 30.90	+ 3 45.1	1.082	2.007	15.8	20.1
9 8	0 26.11	+ 3 32.4	1.027	1.997	10.8	19.8
9 18	0 18.90	+ 3 4.5	0.992	1.989	5.2	19.5
9 28	0 10.40	+ 2 27.4	0.980	1.981	1.1	19.2
10 8	0 2.13	+ 1 49.5	0.991	1.976	6.9	19.6
10 18	23 55.51	+ 1 19.2	1.024	1.971	12.5	19.9
10 28	23 51.66	+ 1 3.3	1.078	1.968	17.4	20.1

56404 2000 FC_{12} 9 26.2 258°.90 5°.8/21.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 42.16	−11 28.1	1.702	2.553	15.1	18.1
8 29	0 37.36	−12 17.2	1.619	2.537	11.9	17.9
9 8	0 29.96	−13 9.1	1.558	2.521	8.5	17.7
9 18	0 20.53	−13 56.3	1.521	2.505	6.1	17.5
9 28	0 10.05	−14 30.5	1.511	2.488	6.6	17.5
10 8	23 59.74	−14 45.4	1.528	2.471	9.7	17.6
10 18	23 50.78	−14 37.4	1.569	2.453	13.4	17.8
10 28	23 44.11	−14 6.2	1.631	2.436	16.8	18.0

250022 2002 BF_{16} 9 26.2 286°.01 4°.1/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 35.75	− 3 11.0	1.339	2.204	17.6	20.7
8 29	0 32.92	− 4 21.8	1.262	2.192	13.6	20.4
9 8	0 27.28	− 5 47.6	1.205	2.179	9.1	20.1
9 18	0 19.39	− 7 20.1	1.171	2.167	4.9	19.8
9 28	0 10.31	− 8 48.2	1.162	2.154	5.1	19.8
10 8	0 1.41	−10 0.4	1.178	2.142	9.5	20.0
10 18	23 54.02	−10 48.6	1.217	2.130	14.3	20.3
10 28	23 49.18	−11 8.7	1.276	2.118	18.5	20.5

188864 2006 UW_{116} 9 26.2 191°.73 0°.9/25.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 40.22	+ 1 32.7	1.867	2.691	15.1	21.6
8 29	0 35.47	+ 1 3.5	1.785	2.690	11.7	21.4
9 8	0 28.48	+ 0 22.1	1.724	2.688	7.8	21.2
9 18	0 19.78	− 0 27.5	1.689	2.686	3.5	20.9
9 28	0 10.26	− 1 19.8	1.682	2.683	1.5	20.8
10 8	0 0.95	− 2 8.2	1.703	2.679	5.8	21.1
10 18	23 52.85	− 2 47.0	1.752	2.675	9.9	21.3
10 28	23 46.75	− 3 11.8	1.824	2.670	13.6	21.5

506448 2001 SN_{355} 9 26.2 17°.08 5°.4/22.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 27.05	− 3 18.5	0.732	1.646	22.8	19.9
8 29	0 27.26	− 4 34.4	0.698	1.654	17.4	19.6
9 8	0 23.88	− 6 6.5	0.679	1.664	11.5	19.4
9 18	0 17.82	− 7 41.0	0.679	1.677	6.3	19.2
9 28	0 10.72	− 9 1.3	0.698	1.692	6.6	19.3
10 8	0 4.41	− 9 54.1	0.736	1.709	11.6	19.6
10 18	0 0.31	−10 13.0	0.792	1.728	16.9	20.0
10 28	23 59.32	− 9 57.8	0.865	1.749	21.3	20.3

251677 1995 SU_{38} 9 26.2 54°.42 0°.4/26.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 35.15	+ 4 51.4	1.945	2.766	14.7	21.1
8 29	0 31.36	+ 4 32.3	1.873	2.774	11.5	20.9
9 8	0 25.60	+ 4 0.0	1.822	2.782	7.8	20.7
9 18	0 18.41	+ 3 17.3	1.796	2.791	3.7	20.4
9 28	0 10.58	+ 2 29.1	1.798	2.799	0.7	20.2
10 8	0 3.02	+ 1 41.1	1.827	2.808	4.8	20.6
10 18	23 56.57	+ 0 59.0	1.883	2.817	8.7	20.8
10 28	23 51.90	+ 0 27.3	1.964	2.826	12.1	21.0

392612 2011 TA_{7} 9 26.2 104°.72 2°.4/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 42.25	+ 9 13.0	2.204	2.985	14.4	21.5
8 29	0 36.53	+ 9 29.1	2.134	3.006	11.6	21.3
9 8	0 28.88	+ 9 31.8	2.085	3.026	8.2	21.2
9 18	0 19.86	+ 9 22.1	2.063	3.046	4.8	21.0
9 28	0 10.27	+ 9 2.3	2.069	3.065	2.4	20.9
10 8	0 1.01	+ 8 36.5	2.104	3.084	4.4	21.0
10 18	23 52.89	+ 8 9.0	2.168	3.102	7.6	21.3
10 28	23 46.57	+ 7 44.7	2.258	3.120	10.7	21.5

185221 2006 TK_{66} 9 26.2 358°.01 3°.0/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 34.10	− 3 23.6	1.664	2.519	15.2	20.2
8 29	0 30.93	− 4 10.2	1.594	2.517	11.7	19.9
9 8	0 25.52	− 5 6.3	1.544	2.516	7.7	19.7
9 18	0 18.44	− 6 5.9	1.520	2.516	3.9	19.5
9 28	0 10.58	− 7 1.6	1.521	2.515	3.7	19.5
10 8	0 2.99	− 7 46.0	1.549	2.516	7.3	19.7
10 18	23 56.64	− 8 14.1	1.602	2.516	11.3	19.9
10 28	23 52.32	− 8 22.9	1.677	2.518	14.8	20.2

401631 2013 GF_{74} 9 26.2 157°.20 5°.2/19.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 36.18	−14 11.5	2.487	3.331	11.1	21.3
8 29	0 31.72	−15 14.0	2.423	3.335	8.7	21.1
9 8	0 25.62	−16 16.0	2.385	3.340	6.5	21.0
9 18	0 18.36	−17 11.7	2.373	3.344	5.2	20.9
9 28	0 10.61	−17 55.6	2.389	3.348	5.9	21.0
10 8	0 3.10	−18 23.5	2.433	3.351	7.9	21.1
10 18	23 56.52	−18 33.3	2.502	3.354	10.2	21.3
10 28	23 51.43	−18 24.7	2.595	3.357	12.4	21.4

120722 1997 SV_{13} 9 26.2 101°.78 1°.5/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 34.75	+ 8 4.7	2.479	3.273	12.7	20.5
8 29	0 30.65	+ 7 58.1	2.398	3.280	10.1	20.3
9 8	0 24.95	+ 7 39.4	2.339	3.287	7.1	20.2
9 18	0 18.08	+ 7 10.2	2.306	3.294	3.8	20.0
9 28	0 10.67	+ 6 33.4	2.301	3.301	1.5	19.8
10 8	0 3.45	+ 5 53.3	2.325	3.307	3.8	20.0
10 18	23 57.09	+ 5 14.2	2.378	3.314	7.0	20.2
10 28	23 52.16	+ 4 40.4	2.457	3.320	9.9	20.4

117722 2005 GA_{11} 9 26.2 106°.47 5°.1/21.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 39.24	− 7 22.8	1.493	2.353	16.4	20.0
8 29	0 35.04	− 8 34.9	1.437	2.362	12.6	19.8
9 8	0 28.30	− 9 53.6	1.401	2.371	8.6	19.6
9 18	0 19.70	−11 10.3	1.390	2.380	5.5	19.4
9 28	0 10.32	−12 15.2	1.405	2.388	6.0	19.5
10 8	0 1.42	−13 0.5	1.446	2.397	9.4	19.7
10 18	23 54.06	−13 22.0	1.510	2.405	13.2	20.0
10 28	23 49.07	−13 18.9	1.596	2.413	16.5	20.2

265492 2005 GA_{13} 9 26.2 115°.09 1°.2/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 30.92	+ 0 48.8	2.785	3.608	10.7	20.2
8 29	0 27.50	− 0 10.1	2.710	3.616	8.2	20.0
9 8	0 22.74	− 1 17.7	2.658	3.624	5.3	19.9
9 18	0 17.04	− 2 30.1	2.635	3.631	2.4	19.7
9 28	0 10.91	− 3 42.4	2.641	3.639	1.7	19.6
10 8	0 4.95	− 4 49.8	2.676	3.646	4.4	19.8
10 18	23 59.71	− 5 47.9	2.741	3.653	7.3	20.0
10 28	23 55.66	− 6 33.5	2.831	3.660	9.8	20.2

478466 2012 QG_{15} 9 26.2 14°.04 1°.9/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 35.16	+ 7 10.3	1.309	2.149	19.4	20.8
8 29	0 32.35	+ 7 14.8	1.243	2.152	15.5	20.6
9 8	0 26.79	+ 6 59.7	1.195	2.156	10.8	20.3
9 18	0 19.12	+ 6 26.9	1.168	2.161	5.7	20.1
9 28	0 10.45	+ 5 41.5	1.166	2.166	1.9	19.8
10 8	0 2.14	+ 4 51.7	1.188	2.173	6.0	20.1
10 18	23 55.42	+ 4 5.7	1.234	2.180	10.9	20.4
10 28	23 51.22	+ 3 30.9	1.302	2.188	15.3	20.7

174882 2004 BV_{65} 9 26.2 47°.14 4°.3/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 35.45	− 7 13.7	1.809	2.664	14.2	20.3
8 29	0 31.75	− 8 15.6	1.744	2.667	10.9	20.1
9 8	0 25.95	− 9 23.4	1.701	2.670	7.4	19.9
9 18	0 18.60	−10 30.1	1.684	2.674	4.6	19.8
9 28	0 10.57	−11 28.1	1.693	2.677	5.1	19.8
10 8	0 2.85	−12 10.9	1.729	2.681	8.1	20.0
10 18	23 56.32	−12 34.3	1.790	2.685	11.5	20.2
10 28	23 51.72	−12 36.9	1.873	2.688	14.5	20.4

445173 2009 BC_{46} 9 26.2 118°.71 1°.7/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 35.85	− 0 27.6	2.321	3.147	12.4	22.3
8 29	0 31.48	− 1 23.6	2.256	3.164	9.5	22.1
9 8	0 25.46	− 2 28.4	2.214	3.180	6.2	21.9
9 18	0 18.29	− 3 37.3	2.200	3.196	2.8	21.7
9 28	0 10.65	− 4 44.7	2.215	3.212	2.2	21.7
10 8	0 3.30	− 5 44.8	2.260	3.227	5.3	22.0
10 18	23 56.91	− 6 33.3	2.332	3.242	8.5	22.2
10 28	23 52.05	− 7 7.2	2.430	3.256	11.3	22.4

187708 2008 EJ_{36} 9 26.2 156°.61 1°.9/24.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 39.80	− 0 40.0	1.822	2.654	15.0	21.6
8 29	0 35.10	− 1 23.6	1.750	2.661	11.6	21.3
9 8	0 28.18	− 2 18.1	1.700	2.667	7.6	21.1
9 18	0 19.63	− 3 18.4	1.675	2.672	3.5	20.9
9 28	0 10.35	− 4 17.8	1.679	2.677	2.5	20.8
10 8	0 1.38	− 5 9.4	1.710	2.681	6.4	21.1
10 18	23 53.68	− 5 47.7	1.768	2.684	10.3	21.3
10 28	23 47.99	− 6 9.4	1.850	2.687	13.8	21.6

85014 Sutter 9 26.2 234°.10 4°.2/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 39.36	+14 12.1	2.211	2.974	14.9	20.1
8 29	0 34.67	+14 41.1	2.113	2.966	12.4	19.9
9 8	0 27.93	+14 54.7	2.036	2.958	9.4	19.7
9 18	0 19.57	+14 51.9	1.982	2.950	6.4	19.5
9 28	0 10.35	+14 33.6	1.956	2.942	4.3	19.4
10 8	0 1.17	+14 3.0	1.959	2.934	5.2	19.4
10 18	23 52.96	+13 25.1	1.989	2.925	8.1	19.6
10 28	23 46.49	+12 45.8	2.045	2.916	11.2	19.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
89936 2002 EK_{152}			9 26.2 259°.76	4°.7/ 1.4 18		R
	h m	° ′			°	m
8 19	0 35.09	+17 22.2	2.281	3.032	14.8	19.5
8 29	0 31.29	+17 38.1	2.185	3.027	12.4	19.3
9 8	0 25.60	+17 36.2	2.110	3.022	9.7	19.2
9 18	0 18.47	+17 15.6	2.058	3.017	6.9	19.0
9 28	0 10.59	+16 37.7	2.032	3.012	4.9	18.8
10 8	0 2.81	+15 46.2	2.034	3.007	5.3	18.9
10 18	23 55.93	+14 46.7	2.064	3.001	7.8	19.0
10 28	23 50.68	+13 45.8	2.119	2.996	10.6	19.2
123518 2000 XK_{3}			9 26.2 34°.17	2°.0/27.2 18		
8 19	0 46.66	+ 2 59.7	1.136	1.980	21.5	17.5
8 29	0 41.26	+ 3 59.6	1.092	2.004	16.9	17.3
9 8	0 32.62	+ 4 45.5	1.066	2.028	11.6	17.1
9 18	0 21.68	+ 5 17.5	1.061	2.054	5.9	16.9
9 28	0 9.94	+ 5 38.2	1.081	2.081	2.0	16.7
10 8	23 59.08	+ 5 52.0	1.126	2.109	6.5	17.1
10 18	23 50.46	+ 6 4.0	1.195	2.138	11.5	17.4
10 28	23 44.94	+ 6 19.3	1.285	2.167	15.8	17.8
162261 1999 UE_{17}			9 26.2 294°.99	8°.2/ 4.5 16		
8 19	0 29.79	+27 6.3	1.113	1.886	26.1	19.6
8 29	0 29.12	+26 32.5	1.028	1.876	22.8	19.3
9 8	0 25.22	+25 6.7	0.956	1.866	18.6	19.0
9 18	0 18.62	+22 42.3	0.900	1.856	13.8	18.7
9 28	0 10.54	+19 21.2	0.866	1.846	9.4	18.4
10 8	0 2.68	+15 18.8	0.855	1.837	8.6	18.4
10 18	23 56.63	+11 1.2	0.870	1.828	12.5	18.6
10 28	23 53.63	+ 6 57.7	0.909	1.819	17.8	18.8
68103 2000 YM_{122}			9 26.2 262°.83	1°.1/27.4 18		
8 19	0 33.61	+ 9 14.4	1.891	2.700	15.5	19.0
8 29	0 30.48	+ 8 28.0	1.795	2.687	12.4	18.8
9 8	0 25.25	+ 7 21.3	1.719	2.673	8.7	18.5
9 18	0 18.37	+ 5 56.6	1.668	2.659	4.5	18.2
9 28	0 10.62	+ 4 19.9	1.644	2.645	1.2	18.0
10 8	0 2.95	+ 2 39.6	1.649	2.631	5.0	18.2
10 18	23 56.31	+ 1 4.4	1.680	2.616	9.3	18.4
10 28	23 51.50	− 0 17.6	1.737	2.602	13.2	18.6
288158 2003 WD_{130}			9 26.2 294°.33	5°.9/20.7 18		
8 19	0 38.19	−12 28.3	1.801	2.657	14.2	20.3
8 29	0 33.96	−13 25.2	1.733	2.653	11.1	20.1
9 8	0 27.49	−14 23.2	1.686	2.649	8.1	19.9
9 18	0 19.34	−15 15.2	1.665	2.645	6.1	19.8
9 28	0 10.43	−15 53.4	1.670	2.641	6.7	19.8
10 8	0 1.81	−16 12.2	1.701	2.638	9.4	20.0
10 18	23 54.47	−16 8.9	1.757	2.634	12.6	20.2
10 28	23 49.16	−15 43.5	1.834	2.631	15.5	20.4
51610 2001 HH_{33}			9 26.2 71°.38	1°.5/25.0 18		
8 19	0 41.12	+ 0 22.0	1.407	2.252	18.0	19.2
8 29	0 36.46	− 0 10.4	1.357	2.274	13.9	19.0
9 8	0 29.18	− 0 55.5	1.327	2.296	9.1	18.8
9 18	0 20.08	− 1 47.8	1.321	2.318	4.0	18.6
9 28	0 10.30	− 2 39.4	1.341	2.340	2.2	18.5
10 8	0 1.15	− 3 22.8	1.387	2.362	6.8	18.9
10 18	23 53.71	− 3 52.3	1.458	2.384	11.3	19.2
10 28	23 48.74	− 4 4.6	1.551	2.406	15.1	19.5
173678 2001 OM_{29}			9 26.2 17°.77	10°.0/16.9 18		
8 19	0 31.73	−17 27.6	1.298	2.184	16.7	18.3
8 29	0 29.60	−19 20.4	1.261	2.193	13.5	18.1
9 8	0 24.82	−21 8.3	1.245	2.202	10.9	18.0
9 18	0 18.14	−22 38.8	1.251	2.213	10.0	18.0
9 28	0 10.72	−23 40.6	1.280	2.225	11.3	18.1
10 8	0 3.86	−24 7.6	1.330	2.238	13.9	18.3
10 18	23 58.61	−23 59.2	1.401	2.253	16.7	18.5
10 28	23 55.74	−23 18.5	1.489	2.268	19.3	18.7
97175 1999 VT_{203}			9 26.2 0°.28	9°.6/19.7 18		
8 19	0 35.46	−16 47.2	1.150	2.037	18.3	17.7
8 29	0 32.93	−17 48.9	1.100	2.034	14.8	17.5
9 8	0 27.31	−18 46.4	1.068	2.032	11.4	17.3
9 18	0 19.37	−19 28.2	1.057	2.031	9.6	17.2
9 28	0 10.45	−19 43.9	1.067	2.032	10.6	17.3
10 8	0 2.09	−19 27.4	1.100	2.035	13.5	17.4
10 18	23 55.62	−18 38.6	1.152	2.039	17.1	17.7
10 28	23 51.96	−17 21.2	1.222	2.044	20.3	17.9
342771 2008 WH_{101}			9 26.2 278°.77	8°.0/18.5 18		
8 19	0 39.01	−17 22.4	1.790	2.646	14.3	20.9
8 29	0 34.82	−18 36.4	1.715	2.630	11.6	20.7
9 8	0 28.22	−19 48.9	1.662	2.613	9.1	20.5
9 18	0 19.75	−20 51.0	1.634	2.597	8.0	20.4
9 28	0 10.35	−21 33.9	1.631	2.580	9.0	20.4
10 8	0 1.15	−21 51.4	1.653	2.563	11.5	20.5
10 18	23 53.23	−21 41.0	1.698	2.546	14.4	20.7
10 28	23 47.45	−21 3.6	1.763	2.530	17.2	20.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
273564 2007 BW_{91}			9 26.2 227°.10	1°.6/24.7 18		
	h m	° ′			°	m
8 19	0 38.11	+ 0 14.8	1.877	2.709	14.7	22.3
8 29	0 33.92	− 0 28.2	1.790	2.700	11.4	22.0
9 8	0 27.52	− 1 23.4	1.724	2.691	7.6	21.8
9 18	0 19.41	− 2 26.4	1.684	2.681	3.4	21.5
9 28	0 10.42	− 3 30.6	1.671	2.670	2.2	21.4
10 8	0 1.58	− 4 28.9	1.687	2.659	6.3	21.6
10 18	23 53.86	− 5 15.1	1.729	2.648	10.4	21.9
10 28	23 48.07	− 5 44.8	1.796	2.636	14.0	22.1
478805 2012 UT_{171}			9 26.2 298°.95	7°.5/ 3.9 18		
8 19	0 34.06	+23 21.3	1.792	2.530	18.7	20.4
8 29	0 31.17	+23 44.5	1.698	2.521	16.3	20.2
9 8	0 25.91	+23 41.6	1.621	2.512	13.4	20.0
9 18	0 18.75	+23 9.5	1.564	2.503	10.3	19.8
9 28	0 10.56	+22 8.2	1.530	2.494	8.0	19.7
10 8	0 2.45	+20 42.5	1.521	2.485	7.7	19.6
10 18	23 55.51	+19 0.6	1.538	2.477	9.8	19.7
10 28	23 50.68	+17 13.7	1.580	2.469	12.9	19.9
180103 2003 FX_{6}			9 26.2 99°.61	5°.6/20.3 18		
8 19	0 38.44	−14 33.8	2.172	3.019	12.4	20.5
8 29	0 33.63	−15 25.8	2.115	3.028	9.8	20.4
9 8	0 26.97	−16 16.3	2.082	3.038	7.2	20.2
9 18	0 19.01	−16 59.2	2.075	3.048	5.7	20.2
9 28	0 10.54	−17 28.7	2.095	3.058	6.3	20.2
10 8	0 2.43	−17 40.7	2.142	3.067	8.5	20.4
10 18	23 55.44	−17 33.8	2.215	3.076	11.0	20.6
10 28	23 50.18	−17 8.2	2.310	3.085	13.4	20.7
59070 1998 VG_{6}			9 26.2 339°.18	0°.7/25.8 18		
8 19	0 35.86	− 0 51.3	1.074	1.948	20.3	17.6
8 29	0 33.76	− 0 28.5	0.998	1.930	16.1	17.3
9 8	0 28.32	− 0 16.4	0.939	1.913	10.9	17.0
9 18	0 20.07	− 0 12.0	0.900	1.898	5.0	16.6
9 28	0 10.26	− 0 10.3	0.883	1.884	1.6	16.3
10 8	0 0.57	− 0 4.7	0.889	1.872	7.8	16.7
10 18	23 52.67	+ 0 10.3	0.916	1.862	13.8	16.9
10 28	23 47.88	+ 0 39.0	0.963	1.853	19.0	17.2
469159 2015 HC_{8}			9 26.2 29°.80	6°.6/20.6 16		
8 19	0 32.44	− 7 34.0	1.156	2.042	18.3	19.7
8 29	0 30.31	− 9 16.8	1.115	2.055	14.0	19.5
9 8	0 25.37	−11 7.1	1.094	2.069	9.7	19.3
9 18	0 18.42	−12 52.3	1.095	2.084	6.8	19.2
9 28	0 10.68	−14 19.4	1.120	2.100	7.8	19.3
10 8	0 3.55	−15 18.4	1.167	2.117	11.4	19.6
10 18	23 58.16	−15 45.2	1.237	2.135	15.3	19.9
10 28	23 55.29	−15 40.3	1.325	2.153	18.7	20.1
19934 1981 EG_{11}			9 26.2 266°.61	1°.5/27.8 18		
8 19	0 35.84	+ 8 54.7	1.999	2.801	15.0	20.2
8 29	0 32.21	+ 8 30.4	1.892	2.779	12.1	19.9
9 8	0 26.46	+ 7 48.3	1.806	2.756	8.6	19.7
9 18	0 18.99	+ 6 49.9	1.744	2.734	4.6	19.4
9 28	0 10.54	+ 5 39.4	1.710	2.710	1.5	19.1
10 8	0 2.08	+ 4 23.2	1.704	2.686	4.9	19.3
10 18	23 54.55	+ 3 8.9	1.726	2.662	9.1	19.5
10 28	23 48.83	+ 2 3.8	1.773	2.638	13.0	19.7
345995 2007 TN_{182}			9 26.2 339°.96	7°.7/19.3 18		
8 19	0 35.57	−14 41.1	1.536	2.406	15.5	19.9
8 29	0 32.37	−15 56.0	1.473	2.399	12.3	19.7
9 8	0 26.66	−17 11.1	1.431	2.392	9.3	19.5
9 18	0 19.05	−18 16.7	1.412	2.386	7.7	19.4
9 28	0 10.56	−19 3.2	1.419	2.381	8.7	19.4
10 8	0 2.40	−19 24.1	1.449	2.376	11.5	19.6
10 18	23 55.67	−19 16.5	1.501	2.372	14.8	19.8
10 28	23 51.21	−18 41.5	1.573	2.368	17.8	20.0
133249 2003 RS_{6}			9 26.2 54°.19	6°.8/21.3 17		
8 19	0 40.61	− 7 38.5	1.056	1.935	20.2	19.0
8 29	0 36.48	− 9 22.4	1.033	1.968	15.4	18.8
9 8	0 29.30	−11 10.6	1.028	2.001	10.5	18.6
9 18	0 20.10	−12 49.8	1.046	2.035	7.0	18.6
9 28	0 10.39	−14 7.1	1.087	2.068	7.8	18.7
10 8	0 1.70	−14 54.4	1.152	2.102	11.4	19.0
10 18	23 55.18	−15 9.7	1.238	2.135	15.3	19.4
10 28	23 51.50	−14 55.2	1.343	2.169	18.6	19.7
295523 2008 RA_{116}			9 26.2 340°.56	0°.3/25.9 18		
8 19	0 37.22	+ 2 10.2	1.522	2.363	17.1	21.0
8 29	0 33.67	+ 1 59.5	1.446	2.359	13.4	20.7
9 8	0 27.57	+ 1 35.1	1.389	2.356	9.0	20.5
9 18	0 19.50	+ 1 0.5	1.355	2.352	4.1	20.2
9 28	0 10.46	+ 0 21.3	1.348	2.349	1.1	20.0
10 8	0 1.66	− 0 15.6	1.366	2.346	6.2	20.3
10 18	23 54.24	− 0 43.9	1.410	2.344	10.9	20.6
10 28	23 49.12	− 0 58.6	1.476	2.342	15.0	20.8

112235 2002 *LF* 9 26.2 208°.04 1°.3/25.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 36.92	+ 2 40.6	1.588	2.426	16.6	19.9
8 29	0 33.33	+ 1 44.4	1.510	2.423	13.0	19.7
9 8	0 27.29	+ 0 31.0	1.453	2.420	8.6	19.4
9 18	0 19.36	− 0 54.1	1.420	2.417	3.8	19.1
9 28	0 10.50	− 2 22.7	1.413	2.413	2.0	19.0
10 8	0 1.88	− 3 45.2	1.434	2.409	6.7	19.3
10 18	23 54.59	− 4 53.1	1.481	2.405	11.3	19.6
10 28	23 49.50	− 5 40.9	1.550	2.401	15.3	19.8

223222 2003 *DY* 9 26.2 289°.73 0°.4/26.5 18

8 19	0 35.65	+ 5 14.9	1.561	2.394	17.1	21.0
8 29	0 32.61	+ 4 51.6	1.467	2.375	13.6	20.7
9 8	0 27.02	+ 4 9.9	1.393	2.356	9.4	20.4
9 18	0 19.34	+ 3 12.6	1.342	2.338	4.5	20.1
9 28	0 10.49	+ 2 5.6	1.317	2.319	0.9	19.8
10 8	0 1.66	+ 0 57.1	1.318	2.300	6.1	20.1
10 18	23 54.06	− 0 4.2	1.344	2.281	11.1	20.3
10 28	23 48.71	− 0 50.8	1.393	2.263	15.6	20.5

479710 2014 DO_{120} 9 26.2 132°.36 0°.7/25.5 18

8 19	0 40.45	+ 0 34.0	2.311	3.124	12.9	21.7
8 29	0 35.07	+ 0 17.7	2.239	3.138	10.0	21.6
9 8	0 27.91	− 0 6.8	2.190	3.151	6.6	21.4
9 18	0 19.48	− 0 36.4	2.168	3.164	2.9	21.2
9 28	0 10.51	− 1 7.3	2.176	3.176	1.2	21.1
10 8	0 1.83	− 1 34.9	2.213	3.188	4.7	21.3
10 18	23 54.19	− 1 55.6	2.278	3.199	8.1	21.6
10 28	23 48.20	− 2 6.7	2.370	3.209	11.1	21.8

393155 2013 CM_{15} 9 26.2 256°.42 0°.8/24.6 18

8 19	0 27.37	− 1 13.2	4.574	5.391	6.9	21.8
8 29	0 24.31	− 1 38.8	4.481	5.384	5.3	21.6
9 8	0 20.44	− 2 8.3	4.413	5.377	3.5	21.5
9 18	0 15.99	− 2 39.9	4.374	5.370	1.6	21.4
9 28	0 11.27	− 3 11.6	4.364	5.363	1.0	21.3
10 8	0 6.60	− 3 41.0	4.386	5.356	2.8	21.4
10 18	0 2.32	− 4 6.1	4.436	5.348	4.7	21.6
10 28	23 58.72	− 4 25.2	4.514	5.341	6.4	21.7

266125 2006 TP_{12} 9 26.2 340°.91 2°.5/24.4 18

8 19	0 31.08	− 0 1.5	1.093	1.972	19.7	20.6
8 29	0 29.80	− 0 43.8	1.023	1.959	15.4	20.3
9 8	0 25.48	− 1 44.7	0.971	1.948	10.2	19.9
9 18	0 18.71	− 2 57.5	0.940	1.939	4.7	19.6
9 28	0 10.65	− 4 11.6	0.931	1.930	3.4	19.5
10 8	0 2.85	− 5 14.9	0.945	1.923	8.8	19.8
10 18	23 56.74	− 5 57.9	0.981	1.917	14.3	20.1
10 28	23 53.42	− 6 14.8	1.035	1.912	19.1	20.4

160416 2004 YP_2 9 26.2 327°.94 0°.0/26.2 18

8 19	0 43.29	− 0 27.2	1.454	2.295	17.8	18.9
8 29	0 38.73	+ 0 8.3	1.368	2.281	14.1	18.7
9 8	0 31.22	+ 0 36.5	1.302	2.267	9.6	18.4
9 18	0 21.31	+ 0 59.2	1.258	2.255	4.5	18.1
9 28	0 10.08	+ 1 19.2	1.241	2.243	1.0	17.8
10 8	23 58.97	+ 1 40.0	1.250	2.231	6.5	18.1
10 18	23 49.37	+ 2 5.2	1.285	2.221	11.6	18.4
10 28	23 42.41	+ 2 37.9	1.342	2.211	16.0	18.6

471729 2012 UH_{30} 9 26.2 323°.90 4°.2/29.6 18

8 19	0 33.29	+12 30.2	1.432	2.248	19.2	20.6
8 29	0 31.03	+12 45.7	1.343	2.232	15.9	20.3
9 8	0 26.10	+12 38.5	1.271	2.217	11.9	20.1
9 18	0 18.96	+12 7.5	1.221	2.202	7.5	19.8
9 28	0 10.59	+11 15.3	1.194	2.189	4.3	19.6
10 8	0 2.26	+10 8.9	1.192	2.175	6.2	19.7
10 18	23 55.26	+ 8 57.4	1.214	2.163	10.7	19.9
10 28	23 50.68	+ 7 51.2	1.258	2.151	15.2	20.1

428509 2007 YP_{18} 9 26.2 262°.35 5°.5/21.8 18

8 19	0 38.49	− 7 41.5	1.422	2.285	16.8	21.0
8 29	0 34.82	− 8 50.7	1.354	2.281	13.1	20.7
9 8	0 28.42	−10 7.7	1.307	2.277	9.0	20.5
9 18	0 19.92	−11 23.7	1.283	2.273	5.8	20.3
9 28	0 10.41	−12 28.3	1.285	2.269	6.4	20.3
10 8	0 1.24	−13 12.7	1.312	2.265	10.0	20.5
10 18	23 53.60	−13 31.7	1.362	2.260	14.1	20.7
10 28	23 48.45	−13 24.2	1.433	2.256	17.8	21.0

185231 2006 TM_{91} 9 26.2 285°.46 0°.3/26.5 18

8 19	0 35.33	+ 4 25.8	2.014	2.833	14.3	21.2
8 29	0 31.60	+ 4 8.0	1.926	2.827	11.2	21.0
9 8	0 25.89	+ 3 37.3	1.861	2.821	7.6	20.7
9 18	0 18.67	+ 2 56.2	1.820	2.814	3.6	20.5
9 28	0 10.69	+ 2 9.3	1.807	2.808	0.7	20.2
10 8	0 2.85	+ 1 22.2	1.821	2.802	4.9	20.6
10 18	23 56.02	+ 0 40.5	1.863	2.796	8.8	20.8
10 28	23 50.93	+ 0 9.1	1.930	2.790	12.3	21.0

77316 2001 FY_{82} 9 26.2 86°.45 4°.4/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 40.51	+13 5.7	1.522	2.318	19.2	19.6
8 29	0 36.20	+13 26.5	1.453	2.329	15.7	19.4
9 8	0 29.23	+13 25.7	1.402	2.340	11.7	19.2
9 18	0 20.26	+13 2.9	1.374	2.351	7.4	19.0
9 28	0 10.35	+12 20.9	1.370	2.362	4.5	18.8
10 8	0 0.82	+11 26.3	1.392	2.373	6.0	19.0
10 18	23 52.83	+10 27.4	1.441	2.384	9.9	19.2
10 28	23 47.28	+ 9 32.7	1.513	2.395	13.8	19.5

478740 2012 UK_{76} 9 26.2 19°.09 2°.1/28.2 16

8 19	0 30.40	+10 41.6	1.287	2.124	19.8	21.0
8 29	0 28.67	+10 7.4	1.224	2.130	15.9	20.7
9 8	0 24.33	+ 9 6.6	1.179	2.138	11.2	20.5
9 18	0 18.03	+ 7 42.7	1.155	2.146	6.1	20.2
9 28	0 10.84	+ 6 3.7	1.155	2.155	2.1	20.0
10 8	0 4.03	+ 4 21.1	1.180	2.166	5.8	20.3
10 18	23 58.73	+ 2 46.6	1.229	2.177	10.8	20.6
10 28	23 55.80	+ 1 29.6	1.301	2.189	15.1	20.9

27718 Gouda 9 26.2 211°.43 2°.4/28.7 18

8 19	0 36.83	+11 36.8	1.887	2.680	16.1	19.2
8 29	0 32.97	+11 13.1	1.797	2.675	13.1	19.0
9 8	0 26.93	+10 29.2	1.726	2.670	9.4	18.7
9 18	0 19.19	+ 9 26.5	1.679	2.664	5.4	18.5
9 28	0 10.58	+ 8 9.5	1.659	2.657	2.4	18.3
10 8	0 2.11	+ 6 45.1	1.668	2.651	4.9	18.4
10 18	23 54.76	+ 5 21.8	1.704	2.643	9.0	18.7
10 28	23 49.34	+ 4 7.3	1.765	2.636	12.7	18.9

90560 2004 FY_{142} 9 26.2 342°.80 4°.0/23.6 18

8 19	0 41.89	− 6 51.9	1.435	2.291	17.1	19.1
8 29	0 37.41	− 7 13.0	1.365	2.288	13.3	18.8
9 8	0 30.12	− 7 39.5	1.316	2.286	9.0	18.6
9 18	0 20.69	− 8 5.2	1.290	2.284	5.0	18.4
9 28	0 10.26	− 8 23.0	1.290	2.283	4.6	18.3
10 8	0 0.21	− 8 26.7	1.316	2.281	8.5	18.6
10 18	23 51.77	− 8 12.9	1.365	2.280	12.9	18.8
10 28	23 45.90	− 7 40.7	1.437	2.279	16.7	19.1

77366 2001 FQ_{133} 9 26.2 140°.64 1°.1/27.4 18

8 19	0 37.50	+ 7 9.1	2.161	2.961	14.1	20.0
8 29	0 33.03	+ 6 52.7	2.082	2.970	11.1	19.8
9 8	0 26.69	+ 6 22.7	2.026	2.978	7.7	19.7
9 18	0 18.98	+ 5 41.1	1.994	2.985	4.0	19.4
9 28	0 10.64	+ 4 52.1	1.991	2.992	1.2	19.2
10 8	0 2.54	+ 4 0.9	2.017	2.999	4.3	19.5
10 18	23 55.47	+ 3 13.0	2.071	3.005	8.0	19.7
10 28	23 50.08	+ 2 33.3	2.151	3.011	11.2	20.0

44387 1998 ST_{62} 9 26.2 152°.32 0°.0/26.3 18

8 19	0 34.34	+ 6 8.2	2.089	2.902	14.1	19.3
8 29	0 30.67	+ 5 12.2	2.009	2.907	11.0	19.1
9 8	0 25.16	+ 4 0.6	1.952	2.911	7.4	18.9
9 18	0 18.29	+ 2 37.2	1.921	2.915	3.4	18.7
9 28	0 10.79	+ 1 8.2	1.918	2.919	0.7	18.5
10 8	0 3.52	− 0 18.9	1.944	2.923	4.8	18.8
10 18	23 57.24	− 1 37.4	1.998	2.926	8.6	19.0
10 28	23 52.62	− 2 41.6	2.078	2.929	11.9	19.2

220416 2003 SM_{196} 9 26.2 332°.06 1°.6/27.9 18

8 19	0 31.39	+ 8 17.1	1.907	2.723	15.1	19.5
8 29	0 28.75	+ 8 4.7	1.814	2.709	12.1	19.3
9 8	0 24.11	+ 7 35.8	1.741	2.696	8.6	19.0
9 18	0 17.90	+ 6 52.0	1.693	2.683	4.6	18.8
9 28	0 10.86	+ 5 57.4	1.670	2.670	1.6	18.6
10 8	0 3.91	+ 4 58.1	1.675	2.659	4.7	18.8
10 18	23 57.95	+ 4 0.7	1.706	2.648	8.8	19.0
10 28	23 53.74	+ 3 11.7	1.762	2.638	12.5	19.2

84681 2002 VR_{89} 9 26.2 199°.37 5°.8/20.8 18

8 19	0 39.46	−10 42.9	1.730	2.584	14.8	19.6
8 29	0 35.07	−11 53.9	1.662	2.582	11.5	19.4
9 8	0 28.32	−13 8.5	1.616	2.580	8.2	19.2
9 18	0 19.80	−14 18.7	1.595	2.578	6.0	19.0
9 28	0 10.47	−15 15.8	1.601	2.575	6.7	19.1
10 8	0 1.43	−15 52.7	1.633	2.571	9.6	19.2
10 18	23 53.73	−16 6.1	1.690	2.568	13.0	19.4
10 28	23 48.16	−15 55.4	1.767	2.564	16.0	19.7

312611 2009 RY_{68} 9 26.2 347°.31 0°.6/25.1 17

8 19	0 27.64	+ 0 22.5	3.959	4.776	7.9	20.8
8 29	0 24.65	− 0 4.7	3.872	4.774	6.1	20.7
9 8	0 20.73	− 0 37.2	3.809	4.772	4.0	20.6
9 18	0 16.15	− 1 12.8	3.774	4.770	1.8	20.4
9 28	0 11.27	− 1 49.1	3.769	4.769	0.9	20.3
10 8	0 6.47	− 2 23.4	3.794	4.768	3.0	20.5
10 18	0 2.12	− 2 53.2	3.848	4.766	5.2	20.6
10 28	23 58.57	− 3 16.5	3.929	4.765	7.1	20.8

296536 2009 OC_{18} 9 26.2 49°.64 1°.0/25.4 13 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 36.78	+ 3 22.3	1.191	2.047	19.9	20.6
8 29	0 33.54	+ 2 32.9	1.146	2.068	15.4	20.4
9 8	0 27.48	+ 1 24.6	1.118	2.089	10.1	20.2
9 18	0 19.40	+ 0 4.3	1.113	2.111	4.5	19.9
9 28	0 10.59	− 1 17.6	1.132	2.133	1.8	19.8
10 8	0 2.43	− 2 30.5	1.177	2.156	7.1	20.2
10 18	23 56.09	− 3 26.1	1.245	2.179	12.1	20.6
10 28	23 52.36	− 3 59.8	1.334	2.202	16.2	20.9

295756 2008 UD_{144} 9 26.2 94°.16 0°.4/26.6 18

8 19	0 35.86	+ 5 33.0	1.752	2.576	15.9	20.3
8 29	0 32.23	+ 5 3.5	1.676	2.579	12.5	20.1
9 8	0 26.41	+ 4 17.8	1.621	2.582	8.5	19.9
9 18	0 18.93	+ 3 19.4	1.590	2.584	4.1	19.6
9 28	0 10.67	+ 2 14.0	1.586	2.587	0.8	19.4
10 8	0 2.67	+ 1 9.1	1.609	2.590	5.3	19.7
10 18	23 55.87	+ 0 11.6	1.658	2.593	9.6	20.0
10 28	23 51.06	− 0 32.6	1.732	2.595	13.3	20.2

80302 1999 XC_{64} 9 26.2 348°.54 4°.0/17.9 17

8 19	0 28.29	−18 10.9	4.177	5.018	7.1	19.3
8 29	0 25.12	−19 0.9	4.113	5.017	5.7	19.2
9 8	0 21.02	−19 48.8	4.074	5.017	4.5	19.1
9 18	0 16.28	−20 31.3	4.062	5.017	4.0	19.1
9 28	0 11.26	−21 5.6	4.079	5.016	4.5	19.1
10 8	0 6.33	−21 29.2	4.124	5.016	5.7	19.2
10 18	0 1.88	−21 40.9	4.195	5.015	7.1	19.3
10 28	23 58.24	−21 40.2	4.290	5.015	8.4	19.4

383589 2007 GQ_{33} 9 26.2 225°.47 1°.3/24.9 18

8 19	0 38.85	+ 0 10.5	1.970	2.797	14.3	22.2
8 29	0 34.41	− 0 22.9	1.881	2.788	11.1	22.0
9 8	0 27.84	− 1 7.2	1.814	2.779	7.4	21.7
9 18	0 19.61	− 1 58.6	1.772	2.769	3.3	21.5
9 28	0 10.54	− 2 51.3	1.759	2.759	1.9	21.4
10 8	0 1.59	− 3 39.1	1.774	2.748	5.9	21.6
10 18	23 53.73	− 4 16.4	1.817	2.736	9.9	21.8
10 28	23 47.73	− 4 39.2	1.883	2.724	13.4	22.0

351840 2006 QX_{117} 9 26.2 36°.64 2°.6/28.2 18

8 19	0 39.58	+ 7 42.4	1.606	2.421	17.5	20.3
8 29	0 35.27	+ 8 9.1	1.540	2.432	14.0	20.1
9 8	0 28.50	+ 8 20.2	1.492	2.444	9.9	19.9
9 18	0 19.91	+ 8 16.4	1.468	2.456	5.6	19.6
9 28	0 10.50	+ 8 0.7	1.470	2.469	2.6	19.5
10 8	0 1.46	+ 7 38.1	1.499	2.482	5.3	19.7
10 18	23 53.85	+ 7 14.4	1.553	2.495	9.5	20.0
10 28	23 48.49	+ 6 55.3	1.632	2.509	13.2	20.2

142795 2002 UG_{20} 9 26.2 40°.00 1°.7/24.8 18

8 19	0 38.66	− 1 49.9	1.701	2.543	15.5	19.3
8 29	0 34.37	− 2 5.7	1.634	2.550	12.0	19.1
9 8	0 27.81	− 2 30.3	1.589	2.557	7.9	18.9
9 18	0 19.56	− 2 59.3	1.567	2.564	3.6	18.7
9 28	0 10.59	− 3 27.2	1.573	2.572	2.3	18.6
10 8	0 1.96	− 3 48.4	1.605	2.579	6.3	18.9
10 18	23 54.67	− 3 58.8	1.664	2.588	10.3	19.1
10 28	23 49.47	− 3 55.5	1.746	2.596	13.9	19.4

172637 2003 YK_{21} 9 26.2 359°.72 2°.4/28.0 18

8 19	0 33.61	+ 7 28.7	1.339	2.179	19.0	19.4
8 29	0 31.22	+ 7 44.5	1.267	2.176	15.3	19.1
9 8	0 26.13	+ 7 41.6	1.214	2.174	10.8	18.9
9 18	0 18.94	+ 7 21.1	1.182	2.173	5.9	18.6
9 28	0 10.70	+ 6 47.0	1.173	2.173	2.4	18.4
10 8	0 2.73	+ 6 6.4	1.190	2.175	5.9	18.6
10 18	23 56.24	+ 5 27.1	1.230	2.178	10.7	18.9
10 28	23 52.21	+ 4 56.5	1.292	2.182	15.1	19.2

170718 2004 BM_{48} 9 26.2 43°.99 2°.3/24.1 18

8 19	0 35.14	− 1 31.1	1.701	2.548	15.3	19.7
8 29	0 31.65	− 2 18.7	1.636	2.556	11.7	19.5
9 8	0 25.98	− 3 16.8	1.593	2.563	7.7	19.3
9 18	0 18.72	− 4 19.9	1.575	2.571	3.6	19.1
9 28	0 10.77	− 5 20.6	1.583	2.579	2.9	19.1
10 8	0 3.15	− 6 11.7	1.618	2.588	6.7	19.3
10 18	23 56.79	− 6 47.8	1.679	2.596	10.7	19.6
10 28	23 52.41	− 7 5.8	1.762	2.605	14.1	19.8

78964 2003 SR_{251} 9 26.2 348°.63 4°.1/23.9 18

8 19	0 38.74	− 5 57.6	1.100	1.977	19.7	18.5
8 29	0 35.76	− 6 12.5	1.036	1.970	15.4	18.2
9 8	0 29.47	− 6 34.9	0.989	1.964	10.4	17.9
9 18	0 20.56	− 6 57.9	0.963	1.959	5.5	17.6
9 28	0 10.36	− 7 13.0	0.960	1.955	4.8	17.6
10 8	0 0.57	− 7 12.7	0.980	1.953	9.5	17.8
10 18	23 52.71	− 6 52.6	1.022	1.951	14.6	18.1
10 28	23 47.90	− 6 11.8	1.083	1.951	19.2	18.4

103413 2000 AL_{143} 9 26.2 233°.77 5°.5/ 2.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 36.57	+19 1.1	2.089	2.836	16.1	19.5
8 29	0 32.70	+19 20.8	1.995	2.831	13.7	19.3
9 8	0 26.73	+19 20.1	1.919	2.825	10.9	19.2
9 18	0 19.14	+18 57.9	1.866	2.820	7.9	19.0
9 28	0 10.67	+18 14.8	1.838	2.814	5.8	18.8
10 8	0 2.30	+17 15.2	1.838	2.808	6.0	18.8
10 18	23 54.95	+16 5.3	1.864	2.802	8.5	19.0
10 28	23 49.41	+14 53.1	1.917	2.796	11.5	19.2

452684 2005 XK_{59} 9 26.2 57°.48 1°.7/28.1 18

8 19	0 35.54	+ 8 28.9	2.012	2.816	14.8	20.8
8 29	0 31.61	+ 8 20.9	1.944	2.831	11.8	20.6
9 8	0 25.79	+ 7 58.1	1.896	2.846	8.3	20.4
9 18	0 18.59	+ 7 22.3	1.874	2.862	4.5	20.2
9 28	0 10.82	+ 6 37.6	1.878	2.877	1.7	20.1
10 8	0 3.33	+ 5 49.2	1.910	2.893	4.4	20.3
10 18	23 56.94	+ 5 2.9	1.970	2.909	8.0	20.6
10 28	23 52.30	+ 4 23.9	2.055	2.925	11.2	20.8

226489 2003 ST_{262} 9 26.2 26°.98 2°.2/24.1 18

8 19	0 37.43	− 4 28.1	2.174	3.010	12.8	19.6
8 29	0 32.95	− 4 45.2	2.100	3.013	9.9	19.4
9 8	0 26.64	− 5 7.4	2.049	3.015	6.5	19.3
9 18	0 18.98	− 5 30.9	2.023	3.018	3.2	19.1
9 28	0 10.73	− 5 51.4	2.026	3.021	2.7	19.0
10 8	0 2.72	− 6 4.5	2.057	3.025	5.7	19.2
10 18	23 55.73	− 6 7.3	2.116	3.028	9.1	19.4
10 28	23 50.41	− 5 57.9	2.199	3.032	12.0	19.6

151898 2004 DK_{33} 9 26.2 86°.91 3°.0/22.6 18

8 19	0 34.88	− 2 54.1	2.076	2.916	13.2	20.0
8 29	0 30.93	− 4 19.9	2.022	2.938	10.0	19.8
9 8	0 25.22	− 5 53.7	1.992	2.961	6.5	19.7
9 18	0 18.29	− 7 29.0	1.990	2.983	3.5	19.5
9 28	0 10.90	− 8 58.1	2.016	3.005	3.7	19.6
10 8	0 3.85	−10 14.2	2.071	3.027	6.6	19.8
10 18	23 57.87	−11 12.7	2.152	3.048	9.8	20.0
10 28	23 53.54	−11 51.0	2.258	3.069	12.5	20.2

44698 1999 RS_{247} 9 26.2 230°.19 4°.5/22.3 18

8 19	0 37.86	− 5 30.6	1.533	2.390	16.2	18.8
8 29	0 34.16	− 6 39.2	1.462	2.386	12.5	18.6
9 8	0 27.91	− 7 57.5	1.412	2.383	8.4	18.3
9 18	0 19.72	− 9 17.7	1.386	2.379	5.0	18.1
9 28	0 10.58	−10 29.9	1.387	2.375	5.3	18.1
10 8	0 1.73	−11 25.4	1.414	2.371	9.0	18.3
10 18	23 54.28	−11 58.6	1.464	2.366	13.1	18.6
10 28	23 49.14	−12 7.0	1.536	2.362	16.7	18.8

301274 2009 BH_{89} 9 26.2 12°.77 1°.0/25.3 18

8 19	0 34.43	+ 1 53.1	1.615	2.459	16.1	21.2
8 29	0 31.30	+ 1 16.3	1.544	2.460	12.5	20.9
9 8	0 25.88	+ 0 25.3	1.494	2.462	8.3	20.7
9 18	0 18.74	− 0 35.2	1.467	2.464	3.7	20.4
9 28	0 10.79	− 1 38.2	1.466	2.467	1.7	20.3
10 8	0 3.13	− 2 36.0	1.492	2.470	6.2	20.6
10 18	23 56.74	− 3 21.8	1.544	2.473	10.5	20.9
10 28	23 52.42	− 3 51.0	1.618	2.477	14.3	21.1

187144 2005 QM_{162} 9 26.2 65°.76 3°.2/23.9 17

8 19	0 42.13	− 3 32.1	1.360	2.214	18.0	19.9
8 29	0 37.30	− 4 12.9	1.316	2.239	13.8	19.7
9 8	0 29.79	− 5 2.6	1.292	2.263	9.1	19.5
9 18	0 20.44	− 5 54.0	1.292	2.288	4.5	19.3
9 28	0 10.48	− 6 39.1	1.317	2.312	3.8	19.4
10 8	0 1.21	− 7 10.7	1.369	2.337	7.9	19.7
10 18	23 53.74	− 7 24.7	1.444	2.362	12.1	20.0
10 28	23 48.81	− 7 19.4	1.542	2.386	15.7	20.3

205645 2001 XZ_{64} 9 26.2 183°.49 2°.3/24.1 17

8 19	0 40.36	− 1 6.6	1.770	2.604	15.3	20.8
8 29	0 35.73	− 2 1.7	1.693	2.605	11.8	20.5
9 8	0 28.78	− 3 8.6	1.638	2.605	7.8	20.3
9 18	0 20.07	− 4 21.7	1.609	2.605	3.7	20.1
9 28	0 10.52	− 5 33.3	1.607	2.604	3.0	20.0
10 8	0 1.23	− 6 35.5	1.634	2.602	6.9	20.3
10 18	23 53.22	− 7 22.2	1.687	2.599	11.0	20.5
10 28	23 47.30	− 7 49.8	1.763	2.595	14.6	20.7

493852 2015 XX_{40} 9 26.3 310°.81 0°.6/26.9 17

8 19	0 31.74	+ 6 18.2	2.052	2.871	14.1	21.9
8 29	0 28.90	+ 5 46.6	1.956	2.856	11.2	21.6
9 8	0 24.16	+ 4 59.5	1.881	2.840	7.7	21.4
9 18	0 17.95	+ 3 59.5	1.831	2.825	3.8	21.1
9 28	0 10.97	+ 2 51.5	1.808	2.810	0.7	20.9
10 8	0 4.06	+ 1 42.0	1.814	2.795	4.7	21.1
10 18	23 58.06	+ 0 37.6	1.846	2.781	8.7	21.3
10 28	23 53.68	− 0 15.7	1.903	2.767	12.3	21.5

315752 2008 FE_{27} 9 26.3 135°.28 2°.6/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 38.63	− 5 47.6	2.247	3.082	12.5	20.8
8 29	0 33.82	− 6 10.4	2.173	3.084	9.6	20.7
9 8	0 27.20	− 6 37.5	2.121	3.087	6.4	20.5
9 18	0 19.25	− 7 4.8	2.097	3.090	3.4	20.3
9 28	0 10.72	− 7 27.7	2.100	3.093	3.1	20.3
10 8	0 2.43	− 7 42.0	2.133	3.095	6.0	20.5
10 18	23 55.16	− 7 45.0	2.192	3.098	9.2	20.7
10 28	23 49.53	− 7 34.9	2.277	3.100	12.0	20.9

132340 2002 GD_{42} 9 26.3 353°.10 1°.3/25.5 18

8 19	0 40.64	− 2 32.8	1.277	2.135	18.7	18.3
8 29	0 36.85	− 2 10.1	1.205	2.129	14.6	18.1
9 8	0 30.02	− 1 54.9	1.153	2.124	9.8	17.8
9 18	0 20.80	− 1 44.0	1.122	2.120	4.5	17.5
9 28	0 10.39	− 1 32.7	1.116	2.117	1.9	17.3
10 8	0 0.30	− 1 16.4	1.135	2.116	7.2	17.6
10 18	23 51.93	− 0 51.4	1.178	2.115	12.3	17.9
10 28	23 46.35	− 0 15.1	1.242	2.116	16.8	18.2

44828 1999 TR_{247} 9 26.3 283°.74 1°.1/27.2 18

8 19	0 34.63	+ 8 17.0	1.493	2.320	18.0	19.3
8 29	0 31.83	+ 7 39.5	1.410	2.313	14.4	19.1
9 8	0 26.49	+ 6 39.3	1.346	2.305	10.0	18.8
9 18	0 19.14	+ 5 19.3	1.305	2.298	5.1	18.5
9 28	0 10.74	+ 3 46.4	1.289	2.291	1.1	18.2
10 8	0 2.51	+ 2 10.9	1.300	2.283	5.9	18.5
10 18	23 55.62	+ 0 43.0	1.336	2.276	10.9	18.8
10 28	23 51.02	− 0 28.5	1.395	2.269	15.3	19.0

174476 2003 AJ_{21} 9 26.3 327°.79 5°.4/21.2 18

8 19	0 34.71	− 9 29.2	1.680	2.543	14.7	19.7
8 29	0 31.55	−10 30.2	1.606	2.533	11.4	19.5
9 8	0 26.09	−11 36.1	1.555	2.523	8.0	19.2
9 18	0 18.88	−12 39.4	1.527	2.514	5.6	19.1
9 28	0 10.81	−13 31.7	1.526	2.505	6.2	19.1
10 8	0 2.97	−14 5.9	1.550	2.497	9.3	19.3
10 18	23 56.35	−14 17.9	1.598	2.489	12.8	19.5
10 28	23 51.78	−14 6.5	1.667	2.482	16.1	19.7

133417 2003 SU_{184} 9 26.3 249°.51 1°.1/24.9 18

8 19	0 34.13	− 0 3.4	2.695	3.516	11.0	20.7
8 29	0 30.20	− 0 35.4	2.598	3.502	8.6	20.5
9 8	0 24.75	− 1 15.4	2.524	3.488	5.7	20.3
9 18	0 18.16	− 2 0.4	2.478	3.474	2.6	20.1
9 28	0 10.97	− 2 46.4	2.461	3.460	1.5	19.9
10 8	0 3.86	− 3 29.0	2.473	3.445	4.5	20.1
10 18	23 57.46	− 4 4.2	2.514	3.430	7.6	20.3
10 28	23 52.35	− 4 28.8	2.580	3.415	10.4	20.5

224770 2006 FK_{16} 9 26.3 279°.68 0°.1/26.1 18

8 19	0 33.97	+ 3 10.5	2.366	3.183	12.5	21.4
8 29	0 30.32	+ 2 47.1	2.269	3.169	9.8	21.2
9 8	0 24.96	+ 2 12.9	2.195	3.156	6.6	21.0
9 18	0 18.30	+ 1 30.6	2.146	3.142	3.0	20.8
9 28	0 10.95	+ 0 44.0	2.127	3.128	0.7	20.5
10 8	0 3.67	− 0 1.7	2.135	3.114	4.5	20.8
10 18	23 57.21	− 0 41.9	2.172	3.100	8.0	21.0
10 28	23 52.20	− 1 12.4	2.235	3.086	11.2	21.2

136778 1996 TN_{37} 9 26.3 284°.35 0°.3/26.6 18

8 19	0 34.76	+ 4 46.2	2.046	2.865	14.1	20.7
8 29	0 31.14	+ 4 22.1	1.961	2.861	11.1	20.5
9 8	0 25.60	+ 3 44.8	1.898	2.858	7.5	20.3
9 18	0 18.61	+ 2 56.9	1.859	2.854	3.6	20.1
9 28	0 10.89	+ 2 3.2	1.849	2.850	0.7	19.8
10 8	0 3.34	+ 1 9.7	1.866	2.847	4.8	20.1
10 18	23 56.78	+ 0 21.9	1.911	2.843	8.6	20.4
10 28	23 51.91	− 0 15.2	1.980	2.840	12.1	20.6

384709 2011 HR_{41} 9 26.3 239°.68 4°.1/22.2 18

8 19	0 37.43	− 5 51.6	1.804	2.653	14.5	21.0
8 29	0 33.52	− 6 57.8	1.723	2.644	11.2	20.8
9 8	0 27.37	− 8 12.6	1.665	2.634	7.6	20.6
9 18	0 19.48	− 9 29.1	1.632	2.623	4.5	20.4
9 28	0 10.70	−10 39.1	1.626	2.613	4.9	20.4
10 8	0 2.10	−11 34.8	1.648	2.602	8.2	20.5
10 18	23 54.66	−12 10.9	1.694	2.590	11.9	20.7
10 28	23 49.21	−12 24.7	1.763	2.579	15.3	20.9

326841 2003 UO_{101} 9 26.3 321°.44 1°.3/27.9 18

8 19	0 29.70	+ 9 51.6	2.014	2.823	14.6	20.2
8 29	0 27.38	+ 9 7.7	1.916	2.807	11.7	20.0
9 8	0 23.18	+ 8 4.4	1.839	2.791	8.3	19.7
9 18	0 17.53	+ 6 43.9	1.786	2.776	4.4	19.5
9 28	0 11.11	+ 5 11.4	1.761	2.762	1.3	19.2
10 8	0 4.77	+ 3 34.6	1.764	2.747	4.6	19.4
10 18	23 59.34	+ 2 1.6	1.794	2.734	8.6	19.6
10 28	23 55.53	+ 0 40.0	1.850	2.720	12.2	19.8

515347 2013 BK_{61} 9 26.3 333°.48 7°.8/18.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 31.71	−13 7.4	1.547	2.423	15.1	20.4
8 29	0 29.45	−14 55.8	1.482	2.412	11.9	20.2
9 8	0 24.80	−16 48.0	1.439	2.402	9.1	20.0
9 18	0 18.33	−18 33.1	1.420	2.393	7.8	19.9
9 28	0 10.96	−19 59.7	1.426	2.384	9.1	20.0
10 8	0 3.82	−20 59.0	1.456	2.376	12.0	20.1
10 18	23 57.97	−21 26.6	1.507	2.369	15.2	20.3
10 28	23 54.25	−21 22.4	1.578	2.362	18.2	20.5

264093 2009 SK_{286} 9 26.3 230°.30 2°.8/30.2 18

8 19	0 33.52	+14 21.7	2.873	3.630	12.0	21.3
8 29	0 29.70	+14 11.5	2.768	3.620	9.8	21.1
9 8	0 24.41	+13 47.1	2.685	3.609	7.4	21.0
9 18	0 18.01	+13 8.8	2.627	3.598	4.8	20.8
9 28	0 11.03	+12 18.9	2.597	3.587	2.9	20.6
10 8	0 4.11	+11 20.9	2.597	3.576	3.8	20.7
10 18	23 57.87	+10 19.6	2.626	3.564	6.3	20.8
10 28	23 52.87	+ 9 20.0	2.683	3.552	8.9	21.0

390771 2003 UU_{137} 9 26.3 340°.77 3°.1/23.6 18

8 19	0 30.94	− 1 35.6	1.355	2.224	17.2	20.0
8 29	0 29.14	− 2 31.2	1.281	2.213	13.3	19.7
9 8	0 24.77	− 3 41.7	1.226	2.202	8.8	19.5
9 18	0 18.38	− 5 0.3	1.194	2.192	4.3	19.2
9 28	0 10.95	− 6 17.1	1.187	2.183	3.9	19.1
10 8	0 3.72	− 7 21.8	1.204	2.175	8.3	19.4
10 18	23 57.88	− 8 6.8	1.244	2.168	13.0	19.6
10 28	23 54.36	− 8 27.2	1.304	2.162	17.2	19.9

68132 2001 AG_{18} 9 26.3 172°.87 1°.8/28.4 18

8 19	0 37.76	+ 8 36.6	2.716	3.496	12.0	19.3
8 29	0 32.94	+ 8 45.3	2.626	3.498	9.6	19.1
9 8	0 26.54	+ 8 43.3	2.558	3.499	6.9	19.0
9 18	0 18.97	+ 8 31.4	2.517	3.501	3.9	18.8
9 28	0 10.84	+ 8 11.7	2.504	3.502	1.9	18.6
10 8	0 2.83	+ 7 47.2	2.522	3.502	3.7	18.8
10 18	23 55.62	+ 7 21.6	2.569	3.503	6.6	19.0
10 28	23 49.77	+ 6 58.7	2.642	3.503	9.4	19.2

376991 2002 PO_{118} 9 26.3 342°.90 4°.1/29.2 18

8 19	0 28.24	+10 36.6	1.031	1.888	22.2	20.6
8 29	0 27.91	+10 59.0	0.956	1.872	18.3	20.3
9 8	0 24.49	+10 54.6	0.896	1.857	13.5	20.0
9 18	0 18.45	+10 22.3	0.855	1.844	8.2	19.7
9 28	0 10.93	+ 9 25.8	0.835	1.833	4.2	19.4
10 8	0 3.53	+ 8 14.6	0.836	1.823	7.0	19.5
10 18	23 57.82	+ 7 0.9	0.858	1.816	12.6	19.8
10 28	23 55.05	+ 5 57.5	0.899	1.810	17.9	20.1

484564 2008 JM_{40} 9 26.3 37°.23 6°.3/18.5 18

8 19	0 32.19	−12 42.1	1.954	2.816	13.0	20.8
8 29	0 29.17	−14 26.0	1.900	2.823	10.1	20.6
9 8	0 24.25	−16 11.3	1.870	2.830	7.6	20.5
9 18	0 17.96	−17 49.6	1.866	2.838	6.3	20.4
9 28	0 11.08	−19 12.2	1.889	2.846	7.3	20.5
10 8	0 4.48	−20 12.8	1.938	2.854	9.7	20.6
10 18	23 58.96	−20 48.2	2.010	2.862	12.4	20.8
10 28	23 55.15	−20 58.0	2.104	2.870	14.8	21.0

161911 2007 DV_{91} 9 26.3 64°.77 1°.0/25.2 18

8 19	0 34.79	+ 0 59.2	2.095	2.925	13.5	19.9
8 29	0 30.95	+ 0 23.8	2.030	2.938	10.4	19.7
9 8	0 25.32	− 0 21.5	1.987	2.952	6.8	19.6
9 18	0 18.42	− 1 12.8	1.969	2.966	3.0	19.3
9 28	0 10.99	− 2 4.8	1.980	2.980	1.5	19.3
10 8	0 3.84	− 2 51.9	2.019	2.994	5.1	19.5
10 18	23 57.73	− 3 29.5	2.085	3.008	8.6	19.8
10 28	23 53.25	− 3 54.2	2.176	3.022	11.7	20.0

267790 2003 SZ_{202} 9 26.3 318°.91 0°.5/26.7 17

8 19	0 36.76	+ 2 57.1	1.983	2.806	14.4	20.2
8 29	0 32.91	+ 3 5.2	1.886	2.788	11.4	20.0
9 8	0 26.95	+ 3 3.3	1.810	2.770	7.8	19.8
9 18	0 19.32	+ 2 52.9	1.758	2.753	3.8	19.5
9 28	0 10.78	+ 2 37.2	1.734	2.736	0.7	19.2
10 8	0 2.27	+ 2 20.7	1.738	2.720	4.9	19.5
10 18	23 54.74	+ 2 7.6	1.769	2.704	9.0	19.7
10 28	23 49.02	+ 2 2.2	1.824	2.688	12.7	19.9

95220 2002 CQ_{15} 9 26.3 140°.77 4°.5/21.3 18

8 19	0 36.08	− 6 35.7	1.890	2.740	13.9	19.2
8 29	0 32.21	− 8 4.4	1.826	2.747	10.6	19.0
9 8	0 26.31	− 9 40.1	1.785	2.753	7.2	18.8
9 18	0 18.93	−11 15.3	1.771	2.759	4.7	18.6
9 28	0 10.88	−12 41.0	1.785	2.765	5.3	18.7
10 8	0 3.13	−13 50.0	1.826	2.771	8.3	18.9
10 18	23 56.54	−14 37.4	1.892	2.776	11.5	19.1
10 28	23 51.79	−15 1.3	1.981	2.781	14.4	19.3

18628 1998 DJ_{33} 9 26.3 196°.94 3°.6/23.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 39.43	− 4 7.2	1.675	2.521	15.5	18.6
8 29	0 35.18	− 5 8.6	1.601	2.520	12.0	18.4
9 8	0 28.52	− 6 19.9	1.548	2.517	8.0	18.1
9 18	0 20.02	− 7 34.4	1.521	2.515	4.3	17.9
9 28	0 10.65	− 8 43.5	1.520	2.511	4.3	17.9
10 8	0 1.53	− 9 39.1	1.547	2.508	8.0	18.1
10 18	23 53.74	−10 15.7	1.599	2.504	12.0	18.3
10 28	23 48.11	−10 30.4	1.673	2.499	15.5	18.6

11057 1991 NL 9 26.3 36°.25 10°.9/ 7.8 18

8 19	0 34.93	+29 1.0	1.419	2.144	23.3	17.1
8 29	0 32.39	+29 55.6	1.358	2.160	20.7	17.0
9 8	0 26.98	+30 15.9	1.311	2.176	17.6	16.8
9 18	0 19.39	+29 57.0	1.281	2.193	14.5	16.7
9 28	0 10.79	+28 58.2	1.270	2.210	11.9	16.6
10 8	0 2.60	+27 25.2	1.282	2.228	10.9	16.6
10 18	23 56.09	+25 29.1	1.317	2.247	11.9	16.7
10 28	23 52.20	+23 24.1	1.375	2.267	14.3	16.9

277961 2006 SU_{273} 9 26.3 299°.29 0°.3/26.5 18

8 19	0 35.95	+ 4 46.6	1.417	2.258	18.1	21.1
8 29	0 33.16	+ 4 29.1	1.327	2.239	14.4	20.8
9 8	0 27.61	+ 3 52.9	1.256	2.221	9.9	20.5
9 18	0 19.80	+ 3 0.6	1.208	2.203	4.8	20.1
9 28	0 10.69	+ 1 58.4	1.184	2.186	0.9	19.8
10 8	0 1.61	+ 0 55.0	1.186	2.168	6.5	20.1
10 18	23 53.88	− 0 0.6	1.211	2.151	11.8	20.4
10 28	23 48.61	− 0 40.6	1.259	2.134	16.5	20.6

442817 2013 AE_{55} 9 26.3 273°.69 0°.2/26.5 18

8 19	0 38.18	+ 3 19.5	1.920	2.740	14.8	21.5
8 29	0 33.93	+ 3 13.1	1.838	2.739	11.7	21.3
9 8	0 27.55	+ 2 55.0	1.777	2.737	7.9	21.1
9 18	0 19.56	+ 2 27.6	1.741	2.736	3.7	20.8
9 28	0 10.78	+ 1 55.1	1.732	2.734	0.7	20.6
10 8	0 2.19	+ 1 22.9	1.752	2.732	5.0	20.9
10 18	23 54.73	+ 0 55.9	1.798	2.731	9.1	21.2
10 28	23 49.15	+ 0 38.5	1.870	2.729	12.7	21.4

104401 2000 FY_{45} 9 26.3 350°.61 5°.4/20.7 18

8 19	0 31.30	− 6 55.8	1.555	2.425	15.3	18.1
8 29	0 29.04	− 8 30.2	1.489	2.421	11.8	17.9
9 8	0 24.48	−10 13.9	1.445	2.417	8.1	17.7
9 18	0 18.19	−11 57.4	1.425	2.414	5.5	17.5
9 28	0 11.07	−13 30.0	1.431	2.411	6.4	17.6
10 8	0 4.22	−14 42.3	1.462	2.409	9.7	17.8
10 18	23 58.61	−15 28.5	1.517	2.408	13.4	18.0
10 28	23 55.07	−15 46.6	1.593	2.408	16.7	18.2

278198 2007 EO_{12} 9 26.3 203°.55 1°.4/24.9 18

8 19	0 38.77	+ 0 24.8	1.903	2.732	14.6	21.4
8 29	0 34.41	− 0 13.0	1.820	2.729	11.4	21.2
9 8	0 27.90	− 1 2.3	1.760	2.725	7.5	20.9
9 18	0 19.74	− 1 59.0	1.724	2.721	3.4	20.7
9 28	0 10.76	− 2 56.7	1.717	2.716	2.0	20.6
10 8	0 1.98	− 3 49.0	1.738	2.711	6.0	20.8
10 18	23 54.33	− 4 30.0	1.785	2.705	10.0	21.1
10 28	23 48.60	− 4 55.8	1.857	2.699	13.5	21.3

106524 2000 WJ_{55} 9 26.3 295°.06 5°.8/21.8 18

8 19	0 39.15	− 8 47.6	1.386	2.252	17.1	19.0
8 29	0 35.52	− 9 47.0	1.316	2.244	13.3	18.7
9 8	0 29.06	−10 52.9	1.266	2.236	9.3	18.5
9 18	0 20.39	−11 56.5	1.239	2.228	6.2	18.3
9 28	0 10.62	−12 47.7	1.237	2.220	6.7	18.3
10 8	0 1.15	−13 18.1	1.260	2.213	10.3	18.5
10 18	23 53.26	−13 23.1	1.306	2.206	14.5	18.7
10 28	23 47.93	−13 2.1	1.371	2.198	18.2	18.9

162061 1997 CH_{22} 9 26.3 236°.49 1°.1/27.3 18

8 19	0 37.95	+ 6 29.6	2.081	2.886	14.4	21.1
8 29	0 33.70	+ 6 17.8	1.986	2.876	11.5	20.9
9 8	0 27.41	+ 5 52.2	1.912	2.865	8.0	20.7
9 18	0 19.53	+ 5 14.5	1.863	2.854	4.1	20.4
9 28	0 10.81	+ 4 28.5	1.841	2.842	1.1	20.2
10 8	0 2.16	+ 3 39.6	1.849	2.831	4.7	20.4
10 18	23 54.50	+ 2 53.5	1.884	2.818	8.6	20.6
10 28	23 48.60	+ 2 15.7	1.945	2.806	12.2	20.8

24402 2000 AT_{192} 9 26.3 348°.73 5°.4/20.5 18

8 19	0 25.16	− 2 19.5	1.239	2.124	17.4	16.5
8 29	0 24.83	− 4 31.3	1.172	2.114	13.3	16.2
9 8	0 21.97	− 7 3.7	1.125	2.104	8.9	16.0
9 18	0 17.14	− 9 44.3	1.102	2.096	5.5	15.8
9 28	0 11.31	−12 16.7	1.104	2.090	6.8	15.8
10 8	0 5.71	−14 25.1	1.131	2.085	11.1	16.1
10 18	0 1.49	−15 59.0	1.179	2.081	15.5	16.3
10 28	23 59.55	−16 53.9	1.246	2.079	19.4	16.5

401694 2013 HG_{23} 9 26.3 98°.53 4°.4/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 37.48	−11 14.9	2.284	3.127	12.0	20.4
8 29	0 32.94	−11 55.5	2.217	3.131	9.3	20.2
9 8	0 26.63	−12 37.1	2.173	3.135	6.6	20.1
9 18	0 19.06	−13 14.4	2.155	3.138	4.6	20.0
9 28	0 10.94	−13 42.1	2.166	3.142	5.0	20.0
10 8	0 3.08	−13 56.3	2.204	3.145	7.3	20.1
10 18	23 56.23	−13 54.7	2.269	3.149	10.0	20.3
10 28	23 50.99	−13 36.6	2.357	3.152	12.5	20.5

181207 2005 SX_{173} 9 26.3 0°.52 0°.7/25.5 18

8 19	0 33.80	+ 2 14.0	1.832	2.667	14.8	20.0
8 29	0 30.60	+ 1 40.5	1.755	2.667	11.5	19.8
9 8	0 25.35	+ 0 54.2	1.700	2.666	7.7	19.5
9 18	0 18.56	− 0 1.1	1.669	2.666	3.4	19.3
9 28	0 11.03	− 0 59.5	1.666	2.666	1.3	19.1
10 8	0 3.72	− 1 54.0	1.689	2.667	5.5	19.4
10 18	23 57.52	− 2 38.8	1.739	2.668	9.6	19.7
10 28	23 53.15	− 3 9.2	1.813	2.669	13.1	19.9

437266 2012 XG_{126} 9 26.3 16°.04 3°.6/24.0 16

8 19	0 35.04	− 4 32.5	1.070	1.952	19.7	19.9
8 29	0 32.65	− 4 54.0	1.023	1.961	15.2	19.7
9 8	0 27.19	− 5 24.7	0.994	1.971	10.1	19.4
9 18	0 19.48	− 5 57.3	0.985	1.982	5.1	19.2
9 28	0 10.86	− 6 23.2	0.999	1.995	4.3	19.2
10 8	0 2.87	− 6 34.8	1.036	2.010	8.8	19.5
10 18	23 56.78	− 6 27.8	1.095	2.027	13.6	19.8
10 28	23 53.46	− 6 0.9	1.174	2.045	17.8	20.1

222171 2000 AH_{208} 9 26.3 89°.09 5°.2/20.2 18

8 19	0 36.92	−13 45.7	2.319	3.164	11.8	19.6
8 29	0 32.39	−14 45.3	2.268	3.181	9.2	19.5
9 8	0 26.18	−15 43.7	2.241	3.198	6.8	19.4
9 18	0 18.81	−16 35.4	2.241	3.215	5.3	19.3
9 28	0 11.00	−17 14.6	2.269	3.231	5.9	19.4
10 8	0 3.53	−17 37.4	2.324	3.248	7.9	19.5
10 18	23 57.10	−17 42.0	2.405	3.264	10.3	19.7
10 28	23 52.24	−17 28.5	2.508	3.280	12.5	19.9

294123 2007 TL_{264} 9 26.3 340°.69 3°.2/29.2 18

8 19	0 36.33	+11 16.0	1.740	2.541	16.9	20.7
8 29	0 32.82	+11 25.6	1.657	2.538	13.8	20.5
9 8	0 27.00	+11 16.7	1.593	2.536	10.1	20.3
9 18	0 19.39	+10 49.7	1.551	2.534	6.1	20.1
9 28	0 10.86	+10 7.5	1.536	2.532	3.3	19.9
10 8	0 2.50	+ 9 15.8	1.547	2.530	5.3	20.0
10 18	23 55.34	+ 8 21.6	1.585	2.528	9.2	20.2
10 28	23 50.23	+ 7 32.4	1.646	2.527	13.0	20.5

46278 2001 KM 9 26.3 189°.24 4°.3/ 2.4 18

8 19	0 32.81	+19 50.4	2.684	3.414	13.3	19.7
8 29	0 29.28	+19 40.5	2.588	3.413	11.2	19.5
9 8	0 24.20	+19 12.5	2.512	3.412	8.8	19.4
9 18	0 17.97	+18 26.4	2.460	3.412	6.4	19.2
9 28	0 11.17	+17 24.1	2.434	3.411	4.5	19.1
10 8	0 4.50	+16 9.8	2.438	3.409	4.7	19.1
10 18	23 58.60	+14 48.9	2.470	3.408	6.7	19.2
10 28	23 54.04	+13 27.7	2.530	3.406	9.1	19.4

127354 2002 JF_{126} 9 26.3 265°.31 0°.0/26.3 18

8 19	0 32.09	+ 6 5.6	2.355	3.165	12.7	20.0
8 29	0 28.92	+ 5 9.3	2.256	3.152	10.0	19.8
9 8	0 24.07	+ 3 57.9	2.179	3.138	6.8	19.6
9 18	0 17.95	+ 2 34.6	2.130	3.124	3.2	19.3
9 28	0 11.17	+ 1 4.8	2.109	3.110	0.7	19.1
10 8	0 4.46	− 0 24.7	2.117	3.096	4.5	19.4
10 18	23 58.54	− 1 47.5	2.154	3.082	8.1	19.6
10 28	23 54.05	− 2 57.6	2.217	3.067	11.3	19.8

27409 2000 EJ_{135} 9 26.3 352°.16 4°.3/22.7 18

8 19	0 32.63	− 3 26.2	1.243	2.119	18.0	17.7
8 29	0 30.63	− 4 38.3	1.179	2.114	13.9	17.5
9 8	0 25.85	− 6 4.3	1.134	2.110	9.3	17.2
9 18	0 18.93	− 7 35.4	1.112	2.108	5.1	17.0
9 28	0 10.98	− 8 59.8	1.113	2.105	5.3	17.0
10 8	0 3.35	−10 6.4	1.139	2.104	9.6	17.2
10 18	23 57.29	−10 47.8	1.187	2.104	14.2	17.5
10 28	23 53.74	−11 0.8	1.255	2.104	18.2	17.8

509356 2007 AR_{10} 9 26.3 324°.98 2°.8/28.4 18

8 19	0 33.41	+ 9 5.9	1.262	2.101	20.0	21.4
8 29	0 31.50	+ 9 13.4	1.178	2.085	16.3	21.1
9 8	0 26.69	+ 8 58.3	1.110	2.069	11.8	20.8
9 18	0 19.45	+ 8 20.9	1.064	2.054	6.7	20.5
9 28	0 10.84	+ 7 25.3	1.040	2.039	2.8	20.2
10 8	0 2.27	+ 6 19.8	1.040	2.026	6.4	20.4
10 18	23 55.18	+ 5 14.7	1.063	2.013	11.8	20.7
10 28	23 50.75	+ 4 20.3	1.107	2.001	16.7	20.9

125063 2001 TZ_{234} 9 26.3 55°.00 9°.1/20.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 43.56	−17 54.3	1.353	2.217	17.5	19.5
8 29	0 38.57	−19 0.3	1.316	2.235	14.0	19.3
9 8	0 30.75	−19 59.8	1.298	2.252	10.9	19.2
9 18	0 20.99	−20 42.8	1.304	2.270	9.1	19.2
9 28	0 10.59	−21 0.4	1.333	2.289	9.9	19.3
10 8	0 0.99	−20 48.8	1.386	2.307	12.4	19.5
10 18	23 53.32	−20 8.6	1.461	2.326	15.4	19.7
10 28	23 48.33	−19 3.8	1.556	2.345	18.2	20.0

64186 2001 TB_{68} 9 26.3 39°.75 1°.7/24.7 18

8 19	0 35.30	− 0 30.7	1.747	2.591	15.1	18.5
8 29	0 31.76	− 1 8.4	1.682	2.599	11.6	18.3
9 8	0 26.09	− 1 56.8	1.639	2.608	7.7	18.1
9 18	0 18.89	− 2 51.1	1.620	2.617	3.5	17.9
9 28	0 11.01	− 3 44.5	1.628	2.626	2.3	17.8
10 8	0 3.45	− 4 30.5	1.663	2.636	6.2	18.1
10 18	23 57.12	− 5 3.8	1.724	2.646	10.1	18.3
10 28	23 52.72	− 5 21.1	1.808	2.657	13.5	18.6

222872 2002 GF 9 26.3 137°.45 11°.3/11.7 18

8 19	0 44.46	−34 57.9	2.289	3.094	13.2	20.6
8 29	0 38.53	−36 39.1	2.264	3.108	12.0	20.6
9 8	0 30.41	−38 4.3	2.262	3.121	11.3	20.5
9 18	0 20.79	−39 5.3	2.283	3.134	11.4	20.6
9 28	0 10.63	−39 36.6	2.327	3.147	12.2	20.7
10 8	0 1.00	−39 36.2	2.392	3.158	13.4	20.8
10 18	23 52.80	−39 5.8	2.478	3.169	14.7	20.9
10 28	23 46.70	−38 9.3	2.579	3.179	15.9	21.0

58005 2002 TR_{207} 9 26.3 169°.11 4°.0/30.3 18

8 19	0 36.57	+15 40.1	1.745	2.524	17.7	19.7
8 29	0 33.00	+15 23.8	1.662	2.526	14.6	19.5
9 8	0 27.10	+14 43.3	1.597	2.528	11.0	19.3
9 18	0 19.43	+13 39.2	1.555	2.530	7.1	19.1
9 28	0 10.88	+12 15.3	1.539	2.531	4.1	18.9
10 8	0 2.55	+10 39.5	1.550	2.531	5.4	19.0
10 18	23 55.47	+ 9 1.2	1.588	2.532	9.1	19.2
10 28	23 50.46	+ 7 29.9	1.651	2.532	12.9	19.5

335445 2005 UV_{354} 9 26.3 294°.12 4°.9/30.3 18 R

8 19	0 37.07	+14 16.0	1.599	2.392	18.5	20.6
8 29	0 33.81	+14 39.9	1.507	2.379	15.5	20.3
9 8	0 27.95	+14 42.5	1.433	2.367	11.8	20.1
9 18	0 19.96	+14 22.3	1.381	2.354	7.9	19.8
9 28	0 10.77	+13 40.6	1.352	2.342	5.0	19.6
10 8	0 1.61	+12 42.8	1.350	2.330	6.3	19.7
10 18	23 53.70	+11 37.1	1.373	2.318	10.1	19.9
10 28	23 48.10	+10 32.9	1.420	2.306	14.2	20.1

63656 2001 QC_{114} 9 26.3 129°.58 4°.6/30.6 18

8 19	0 38.30	+15 34.3	1.704	2.483	18.1	19.7
8 29	0 34.39	+15 43.1	1.625	2.488	15.0	19.5
9 8	0 28.07	+15 29.4	1.565	2.493	11.4	19.3
9 18	0 19.89	+14 52.7	1.526	2.497	7.6	19.1
9 28	0 10.81	+13 55.8	1.513	2.502	4.8	18.9
10 8	0 1.97	+12 45.1	1.527	2.506	5.8	19.0
10 18	23 54.44	+11 28.8	1.567	2.510	9.3	19.2
10 28	23 49.08	+10 16.1	1.632	2.514	13.0	19.4

319317 2006 BV_{163} 9 26.3 111°.38 2°.7/29.3 18

8 19	0 36.12	+11 22.6	2.449	3.226	13.3	20.7
8 29	0 31.89	+11 29.9	2.364	3.231	10.8	20.5
9 8	0 25.97	+11 23.6	2.301	3.236	7.9	20.3
9 18	0 18.80	+11 4.3	2.263	3.241	4.8	20.1
9 28	0 11.04	+10 34.2	2.252	3.246	2.7	20.0
10 8	0 3.44	+ 9 57.2	2.271	3.251	4.1	20.1
10 18	23 56.71	+ 9 17.8	2.318	3.256	7.0	20.3
10 28	23 51.46	+ 8 40.8	2.391	3.261	9.9	20.5

283820 2003 SE_{309} 9 26.3 1°.27 7°.7/ 3.2 18

8 19	0 37.49	+21 0.4	1.696	2.448	19.2	20.7
8 29	0 34.00	+21 52.5	1.614	2.447	16.5	20.5
9 8	0 27.97	+22 21.2	1.548	2.447	13.5	20.3
9 18	0 19.92	+22 23.2	1.503	2.447	10.3	20.1
9 28	0 10.80	+21 57.8	1.482	2.447	8.1	20.0
10 8	0 1.81	+21 8.8	1.485	2.448	8.0	20.0
10 18	23 54.12	+20 3.3	1.513	2.449	10.2	20.1
10 28	23 48.69	+18 51.0	1.565	2.450	13.2	20.3

516585 2007 ES_{219} 9 26.3 152°.14 0°.1/26.1 18

8 19	0 33.97	+ 3 43.5	2.931	3.735	10.7	22.7
8 29	0 29.87	+ 3 9.2	2.850	3.743	8.3	22.5
9 8	0 24.43	+ 2 25.8	2.792	3.750	5.5	22.3
9 18	0 18.04	+ 1 35.9	2.762	3.757	2.5	22.2
9 28	0 11.22	+ 0 43.3	2.762	3.764	0.6	22.0
10 8	0 4.55	− 0 8.0	2.792	3.770	3.7	22.3
10 18	23 58.59	− 0 54.0	2.852	3.776	6.5	22.5
10 28	23 53.82	− 1 31.5	2.938	3.781	9.1	22.6

101177 1998 SM_8 9 26.3 279°.20 0°.1/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 36.64	+ 4 38.8	1.605	2.437	16.8	19.7
8 29	0 33.39	+ 4 11.3	1.512	2.419	13.3	19.4
9 8	0 27.62	+ 3 26.1	1.438	2.401	9.1	19.1
9 18	0 19.80	+ 2 26.4	1.387	2.383	4.3	18.8
9 28	0 10.82	+ 1 18.0	1.363	2.364	0.9	18.5
10 8	0 1.88	+ 0 9.3	1.365	2.346	6.1	18.8
10 18	23 54.13	− 0 51.3	1.393	2.327	11.0	19.0
10 28	23 48.59	− 1 36.8	1.443	2.309	15.4	19.3

363431 2003 SZ_{33} 9 26.3 24°.81 1°.8/24.9 18

8 19	0 38.74	− 3 6.9	1.666	2.512	15.6	20.0
8 29	0 34.45	− 3 7.7	1.607	2.524	12.0	19.8
9 8	0 27.90	− 3 15.1	1.569	2.538	7.9	19.6
9 18	0 19.72	− 3 25.5	1.555	2.552	3.7	19.3
9 28	0 10.90	− 3 34.0	1.568	2.567	2.3	19.3
10 8	0 2.50	− 3 36.2	1.608	2.583	6.2	19.6
10 18	23 55.49	− 3 28.7	1.674	2.600	10.1	19.8
10 28	23 50.57	− 3 9.6	1.763	2.617	13.6	20.1

143808 2003 WG_{127} 9 26.3 344°.60 3°.3/24.2 18

8 19	0 38.32	− 3 59.1	1.182	2.052	19.1	19.3
8 29	0 35.30	− 4 19.0	1.115	2.046	14.9	19.0
9 8	0 29.16	− 4 49.0	1.065	2.040	10.0	18.7
9 18	0 20.55	− 5 22.8	1.038	2.034	5.0	18.4
9 28	0 10.70	− 5 51.9	1.033	2.030	4.0	18.4
10 8	0 1.20	− 6 8.4	1.053	2.027	8.8	18.6
10 18	23 53.47	− 6 6.8	1.095	2.024	13.9	18.9
10 28	23 48.60	− 5 44.6	1.157	2.022	18.3	19.2

318531 2005 EU_{250} 9 26.3 144°.53 4°.4/22.4 17

8 19	0 39.95	− 6 0.4	1.612	2.463	15.8	21.0
8 29	0 35.59	− 7 8.9	1.548	2.469	12.2	20.7
9 8	0 28.79	− 8 25.2	1.507	2.476	8.2	20.5
9 18	0 20.19	− 9 41.7	1.490	2.481	4.9	20.4
9 28	0 10.80	−10 49.2	1.500	2.487	5.2	20.4
10 8	0 1.79	−11 39.9	1.537	2.492	8.6	20.6
10 18	23 54.21	−12 9.2	1.598	2.496	12.4	20.8
10 28	23 48.86	−12 15.3	1.682	2.500	15.8	21.1

421744 2014 PU_{49} 9 26.3 49°.12 0°.1/26.3 18

8 19	0 34.49	+ 3 28.4	2.170	2.990	13.4	21.2
8 29	0 30.77	+ 3 5.7	2.094	2.996	10.4	21.1
9 8	0 25.29	+ 2 31.9	2.041	3.002	7.0	20.9
9 18	0 18.51	+ 1 49.8	2.013	3.008	3.2	20.6
9 28	0 11.15	+ 1 3.9	2.013	3.015	0.7	20.4
10 8	0 4.01	+ 0 19.5	2.042	3.021	4.5	20.7
10 18	23 57.82	− 0 18.7	2.098	3.028	8.1	21.0
10 28	23 53.22	− 0 46.7	2.179	3.035	11.3	21.2

515955 2015 RP_{77} 9 26.3 72°.40 1°.4/27.8 18

8 19	0 34.23	+ 8 28.2	2.065	2.869	14.5	21.7
8 29	0 30.73	+ 8 4.1	1.983	2.872	11.5	21.5
9 8	0 25.35	+ 7 24.1	1.923	2.875	8.1	21.3
9 18	0 18.58	+ 6 30.7	1.888	2.878	4.3	21.1
9 28	0 11.14	+ 5 28.2	1.880	2.880	1.4	20.9
10 8	0 3.89	+ 4 22.9	1.900	2.883	4.4	21.1
10 18	23 57.64	+ 3 20.9	1.948	2.886	8.1	21.3
10 28	23 53.05	+ 2 28.0	2.022	2.889	11.5	21.5

488204 2015 XE_{257} 9 26.3 347°.89 2°.0/23.8 18

8 19	0 29.68	+ 1 30.7	1.956	2.797	13.8	20.1
8 29	0 27.33	+ 0 3.0	1.876	2.793	10.6	19.9
9 8	0 23.14	− 1 39.8	1.819	2.789	6.9	19.6
9 18	0 17.58	− 3 31.4	1.789	2.786	3.2	19.4
9 28	0 11.35	− 5 23.4	1.787	2.783	2.7	19.4
10 8	0 5.28	− 7 6.8	1.813	2.781	6.3	19.6
10 18	0 0.17	− 8 34.1	1.866	2.779	10.1	19.8
10 28	23 56.68	− 9 40.2	1.943	2.777	13.3	20.0

76537 2000 GJ_{76} 9 26.3 148°.68 1°.7/24.5 18

8 19	0 39.40	− 2 36.1	2.385	3.207	12.2	20.3
8 29	0 34.34	− 3 1.7	2.310	3.215	9.4	20.1
9 8	0 27.56	− 3 33.6	2.259	3.223	6.2	19.9
9 18	0 19.53	− 4 8.1	2.235	3.231	2.9	19.7
9 28	0 10.97	− 4 40.9	2.241	3.237	2.1	19.7
10 8	0 2.64	− 5 7.7	2.275	3.244	5.2	19.9
10 18	23 55.28	− 5 25.2	2.338	3.250	8.4	20.1
10 28	23 49.49	− 5 30.9	2.427	3.255	11.2	20.3

221914 2008 RW_{33} 9 26.3 42°.15 0°.5/27.4 18

8 19	0 27.75	+ 6 0.9	4.328	5.119	7.7	20.9
8 29	0 24.73	+ 5 42.8	4.238	5.120	6.0	20.8
9 8	0 20.85	+ 5 18.2	4.171	5.122	4.1	20.6
9 18	0 16.37	+ 4 48.4	4.132	5.123	2.1	20.5
9 28	0 11.61	+ 4 15.3	4.123	5.124	0.6	20.3
10 8	0 6.92	+ 3 41.3	4.145	5.126	2.3	20.5
10 18	0 2.65	+ 3 8.7	4.196	5.127	4.4	20.7
10 28	23 59.11	+ 2 39.8	4.275	5.129	6.2	20.8

252864 2002 HS_{10} 9 26.3 80°.68 10°.2/16.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 48.27	−32 21.8	2.266	3.072	13.3	20.1
8 29	0 41.21	−33 11.6	2.231	3.087	11.7	20.0
9 8	0 32.04	−33 46.5	2.218	3.102	10.6	20.0
9 18	0 21.50	−34 0.0	2.228	3.117	10.2	20.0
9 28	0 10.60	−33 47.1	2.264	3.132	10.8	20.0
10 8	0 0.38	−33 6.9	2.324	3.146	12.0	20.1
10 18	23 51.69	−32 1.4	2.407	3.161	13.5	20.3
10 28	23 45.15	−30 34.7	2.509	3.176	15.0	20.4

129824 1999 NT_{55} 9 26.3 25°.86 4°.6/30.2 18

8 19	0 30.41	+14 58.9	0.990	1.831	24.1	18.5
8 29	0 29.39	+14 49.4	0.941	1.844	19.8	18.3
9 8	0 25.23	+14 4.5	0.906	1.858	14.6	18.1
9 18	0 18.69	+12 46.0	0.890	1.874	9.1	17.8
9 28	0 11.14	+11 1.8	0.895	1.891	4.9	17.7
10 8	0 4.17	+ 9 6.2	0.922	1.909	6.7	17.8
10 18	23 59.11	+ 7 14.6	0.972	1.928	11.7	18.2
10 28	23 56.88	+ 5 40.1	1.042	1.949	16.4	18.5

416031 2002 EX_{10} 9 26.3 83°.29 5°.2/19.9 18

8 19	0 38.70	− 6 31.2	1.882	2.727	14.1	20.1
8 29	0 34.02	− 8 55.3	1.844	2.762	10.7	19.9
9 8	0 27.38	−11 24.4	1.832	2.797	7.3	19.8
9 18	0 19.42	−13 48.0	1.849	2.831	5.3	19.7
9 28	0 11.02	−15 55.5	1.895	2.865	6.2	19.9
10 8	0 3.10	−17 38.9	1.970	2.898	8.9	20.1
10 18	23 56.47	−18 54.2	2.071	2.930	11.8	20.3
10 28	23 51.72	−19 40.9	2.195	2.961	14.3	20.6

378662 2008 GK_{104} 9 26.3 349°.88 6°.0/22.4 18

8 19	0 37.91	− 9 15.1	1.170	2.049	18.7	20.4
8 29	0 34.98	− 9 55.6	1.108	2.042	14.6	20.1
9 8	0 28.92	−10 40.9	1.064	2.037	10.2	19.8
9 18	0 20.43	−11 22.2	1.042	2.033	6.6	19.6
9 28	0 10.78	−11 49.6	1.043	2.029	6.8	19.6
10 8	0 1.55	−11 55.1	1.067	2.027	10.7	19.8
10 18	23 54.14	−11 35.4	1.112	2.026	15.2	20.1
10 28	23 49.58	−10 50.7	1.177	2.026	19.3	20.4

268957 2007 DQ_{94} 9 26.3 175°.04 0°.7/25.7 18

8 19	0 41.46	+ 1 4.9	2.059	2.876	14.1	21.4
8 29	0 36.30	+ 0 45.7	1.978	2.879	11.0	21.2
9 8	0 29.08	+ 0 16.5	1.919	2.881	7.3	20.9
9 18	0 20.31	− 0 19.4	1.887	2.883	3.3	20.7
9 28	0 10.82	− 0 57.4	1.883	2.883	1.2	20.5
10 8	0 1.54	− 1 32.2	1.908	2.884	5.2	20.8
10 18	23 53.38	− 1 59.2	1.961	2.883	9.1	21.1
10 28	23 47.07	− 2 14.8	2.039	2.882	12.4	21.3

157789 1991 RK_{28} 9 26.3 23°.14 2°.8/24.1 18

8 19	0 31.02	− 0 0.5	1.042	1.924	20.2	19.0
8 29	0 29.51	− 1 1.2	1.001	1.939	15.4	18.8
9 8	0 25.08	− 2 18.6	0.978	1.956	10.1	18.6
9 18	0 18.54	− 3 43.4	0.976	1.975	4.6	18.3
9 28	0 11.20	− 5 3.6	0.997	1.995	3.7	18.3
10 8	0 4.48	− 6 7.9	1.042	2.017	8.5	18.7
10 18	23 59.58	− 6 49.3	1.108	2.041	13.4	19.0
10 28	23 57.26	− 7 4.5	1.193	2.065	17.5	19.4

481523 2007 GF_{45} 9 26.3 196°.89 2°.1/23.8 18

8 19	0 35.30	− 3 47.7	2.596	3.426	11.2	21.9
8 29	0 31.13	− 4 23.5	2.514	3.424	8.6	21.8
9 8	0 25.41	− 5 4.9	2.456	3.422	5.7	21.6
9 18	0 18.56	− 5 48.4	2.426	3.420	2.9	21.4
9 28	0 11.18	− 6 29.4	2.424	3.418	2.5	21.4
10 8	0 3.96	− 7 3.6	2.451	3.415	5.2	21.5
10 18	23 57.53	− 7 27.6	2.507	3.412	8.1	21.7
10 28	23 52.46	− 7 39.1	2.587	3.409	10.8	21.9

87662 2000 RO_{96} 9 26.3 55°.79 8°.6/ 3.4 18

8 19	0 42.94	+21 10.1	1.525	2.276	21.0	18.5
8 29	0 38.34	+22 24.2	1.462	2.294	18.0	18.4
9 8	0 30.90	+23 13.1	1.416	2.311	14.7	18.2
9 18	0 21.28	+23 32.6	1.389	2.329	11.3	18.0
9 28	0 10.63	+23 21.6	1.386	2.347	9.0	18.0
10 8	0 0.35	+22 44.3	1.407	2.366	8.9	18.0
10 18	23 51.73	+21 48.5	1.453	2.385	10.9	18.2
10 28	23 45.74	+20 44.6	1.522	2.403	13.8	18.4

475988 2007 PB_{37} 9 26.3 45°.76 9°.2/ 4.3 18

8 19	0 42.35	+22 36.3	1.459	2.207	21.9	20.4
8 29	0 37.92	+23 54.3	1.404	2.231	18.9	20.2
9 8	0 30.60	+24 44.6	1.365	2.255	15.5	20.1
9 18	0 21.12	+25 2.8	1.346	2.280	12.1	20.0
9 28	0 10.67	+24 48.2	1.349	2.305	9.7	19.9
10 8	0 0.71	+24 5.4	1.376	2.331	9.4	20.0
10 18	23 52.52	+23 3.0	1.427	2.357	11.2	20.1
10 28	23 47.01	+21 52.4	1.500	2.383	13.9	20.4

252739 2002 CJ_{314} 9 26.3 124°.28 0°.3/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 34.55	+ 3 34.6	2.550	3.360	11.9	21.5
8 29	0 30.51	+ 2 54.4	2.476	3.373	9.2	21.3
9 8	0 24.96	+ 2 3.8	2.425	3.385	6.1	21.1
9 18	0 18.34	+ 1 6.2	2.401	3.396	2.8	20.9
9 28	0 11.25	+ 0 6.0	2.406	3.408	0.8	20.8
10 8	0 4.37	− 0 51.9	2.442	3.419	4.1	21.1
10 18	23 58.33	− 1 42.9	2.505	3.429	7.3	21.3
10 28	23 53.65	− 2 23.3	2.595	3.440	10.1	21.5

488271 2016 TT_{9} 9 26.3 349°.38 7°.0/21.7 18

8 19	0 31.66	−10 43.2	1.068	1.963	18.8	19.6
8 29	0 30.41	−11 25.5	1.005	1.948	14.8	19.3
9 8	0 26.04	−12 11.5	0.959	1.935	10.6	19.0
9 18	0 19.18	−12 51.4	0.934	1.924	7.4	18.8
9 28	0 11.06	−13 14.2	0.930	1.915	8.0	18.8
10 8	0 3.27	−13 11.8	0.948	1.908	11.8	19.0
10 18	23 57.26	−12 40.6	0.986	1.904	16.3	19.2
10 28	23 54.10	−11 41.5	1.042	1.901	20.4	19.5

433674 2014 DH_{124} 9 26.3 264°.62 0°.7/24.8 18

8 19	0 27.40	− 0 19.8	4.363	5.179	7.2	21.5
8 29	0 24.47	− 0 51.7	4.272	5.174	5.5	21.4
9 8	0 20.70	− 1 28.2	4.206	5.169	3.6	21.2
9 18	0 16.33	− 2 7.4	4.169	5.165	1.6	21.1
9 28	0 11.67	− 2 46.9	4.161	5.160	1.0	21.0
10 8	0 7.07	− 3 24.2	4.184	5.155	2.9	21.2
10 18	0 2.87	− 3 57.0	4.236	5.150	4.9	21.3
10 28	23 59.39	− 4 23.3	4.315	5.145	6.6	21.4

465619 2009 FJ_{22} 9 26.3 137°.76 0°.7/27.1 16

8 19	0 40.73	+ 8 3.0	1.993	2.789	15.2	22.8
8 29	0 35.68	+ 7 12.0	1.922	2.807	12.0	22.6
9 8	0 28.61	+ 6 3.8	1.872	2.824	8.2	22.4
9 18	0 20.07	+ 4 42.3	1.848	2.840	4.0	22.2
9 28	0 10.92	+ 3 13.7	1.853	2.855	0.8	22.0
10 8	0 2.11	+ 1 45.6	1.888	2.868	4.8	22.3
10 18	23 54.50	+ 0 25.3	1.952	2.881	8.7	22.5
10 28	23 48.78	− 0 41.2	2.041	2.893	12.1	22.8

50678 2000 EQ_{109} 9 26.3 109°.78 5°.4/20.7 18

8 19	0 37.66	−11 35.2	1.981	2.832	13.3	19.0
8 29	0 33.36	−12 42.3	1.923	2.841	10.3	18.8
9 8	0 27.07	−13 50.9	1.887	2.849	7.4	18.7
9 18	0 19.37	−14 54.0	1.878	2.858	5.5	18.6
9 28	0 11.07	−15 44.4	1.896	2.866	6.1	18.7
10 8	0 3.10	−16 16.9	1.940	2.874	8.6	18.8
10 18	23 56.30	−16 28.7	2.010	2.882	11.5	19.0
10 28	23 51.32	−16 19.6	2.102	2.890	14.1	19.2

430724 2004 FY_{40} 9 26.3 197°.47 1°.4/27.6 16

8 19	0 41.22	+ 7 3.3	1.987	2.786	15.2	22.3
8 29	0 36.33	+ 6 57.6	1.898	2.783	12.1	22.0
9 8	0 29.25	+ 6 37.4	1.829	2.780	8.5	21.8
9 18	0 20.47	+ 6 4.6	1.786	2.776	4.4	21.6
9 28	0 10.83	+ 5 22.6	1.771	2.771	1.4	21.3
10 8	0 1.33	+ 4 36.9	1.784	2.766	4.8	21.6
10 18	23 52.95	+ 3 53.4	1.826	2.760	8.8	21.8
10 28	23 46.48	+ 3 17.6	1.893	2.754	12.5	22.0

115818 2003 UH_{246} 9 26.3 280°.68 3°.1/30.3 18

8 19	0 32.35	+14 34.8	2.475	3.242	13.4	19.7
8 29	0 29.10	+14 21.4	2.376	3.234	11.0	19.5
9 8	0 24.21	+13 51.2	2.299	3.227	8.3	19.3
9 18	0 18.08	+13 4.9	2.246	3.219	5.3	19.1
9 28	0 11.32	+12 5.2	2.221	3.212	3.2	19.0
10 8	0 4.65	+10 56.6	2.224	3.204	4.1	19.0
10 18	23 58.76	+ 9 44.8	2.256	3.197	7.0	19.2
10 28	23 54.28	+ 8 36.0	2.314	3.189	9.9	19.4

515412 2013 HT_{37} 9 26.3 72°.28 1°.8/28.2 18

8 19	0 36.07	+ 8 31.8	2.186	2.983	14.0	21.9
8 29	0 32.00	+ 8 27.7	2.111	2.994	11.2	21.7
9 8	0 26.13	+ 8 9.9	2.057	3.005	7.9	21.5
9 18	0 18.94	+ 7 40.0	2.028	3.015	4.4	21.3
9 28	0 11.16	+ 7 1.2	2.027	3.026	1.8	21.2
10 8	0 3.61	+ 6 18.5	2.054	3.037	4.2	21.4
10 18	23 57.05	+ 5 36.7	2.110	3.048	7.6	21.6
10 28	23 52.12	+ 5 0.9	2.190	3.058	10.7	21.8

250587 2005 CS_{9} 9 26.3 219°.70 0°.6/26.8 18

8 19	0 42.00	+ 4 29.0	1.666	2.485	16.8	21.2
8 29	0 37.39	+ 4 22.8	1.579	2.479	13.3	20.9
9 8	0 30.21	+ 4 2.0	1.514	2.472	9.2	20.7
9 18	0 21.00	+ 3 28.9	1.472	2.465	4.5	20.4
9 28	0 10.72	+ 2 48.1	1.456	2.458	0.9	20.1
10 8	0 0.60	+ 2 6.0	1.469	2.450	5.7	20.4
10 18	23 51.79	+ 1 29.4	1.508	2.442	10.4	20.7
10 28	23 45.25	+ 1 3.7	1.570	2.433	14.5	20.9

377585 2005 NA_{46} 9 26.3 62°.79 0°.5/25.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 38.70	+ 3 31.3	1.364	2.206	18.6	21.4
8 29	0 34.89	+ 2 56.4	1.310	2.224	14.4	21.2
9 8	0 28.43	+ 2 4.5	1.276	2.243	9.6	21.0
9 18	0 20.06	+ 1 0.9	1.264	2.261	4.3	20.8
9 28	0 10.95	− 0 6.2	1.278	2.280	1.2	20.6
10 8	0 2.37	− 1 8.0	1.318	2.298	6.4	21.0
10 18	23 55.43	− 1 56.8	1.383	2.317	11.1	21.3
10 28	23 50.94	− 2 27.9	1.470	2.336	15.1	21.6

429086 2009 RG_{42} 9 26.3 102°.64 2°.8/29.0 17

8 19	0 39.79	+11 49.0	1.692	2.486	17.6	20.9
8 29	0 35.37	+11 36.8	1.626	2.504	14.2	20.8
9 8	0 28.60	+11 4.0	1.578	2.521	10.2	20.6
9 18	0 20.13	+10 12.3	1.554	2.538	6.0	20.4
9 28	0 10.93	+ 9 6.4	1.557	2.554	2.9	20.2
10 8	0 2.12	+ 7 53.7	1.587	2.570	5.1	20.4
10 18	23 54.70	+ 6 42.4	1.644	2.585	9.1	20.7
10 28	23 49.44	+ 5 40.0	1.726	2.600	12.8	20.9

490839 2010 WD_{33} 9 26.3 330°.10 1°.4/28.9 15

8 19	0 28.03	+10 8.6	4.034	4.807	8.5	21.4
8 29	0 25.06	+ 9 54.9	3.937	4.804	6.8	21.3
9 8	0 21.15	+ 9 32.6	3.863	4.800	4.9	21.2
9 18	0 16.56	+ 9 2.8	3.815	4.797	2.9	21.0
9 28	0 11.65	+ 8 27.3	3.797	4.794	1.4	20.9
10 8	0 6.81	+ 7 48.6	3.809	4.791	2.5	21.0
10 18	0 2.41	+ 7 9.4	3.850	4.787	4.5	21.1
10 28	23 58.80	+ 6 32.5	3.920	4.784	6.5	21.3

81807 2000 KU_{11} 9 26.3 319°.79 2°.3/28.8 18

8 19	0 34.39	+10 49.8	1.917	2.717	15.6	19.9
8 29	0 31.11	+10 34.9	1.831	2.714	12.6	19.7
9 8	0 25.78	+10 1.8	1.766	2.711	9.1	19.5
9 18	0 18.87	+ 9 11.7	1.724	2.709	5.3	19.3
9 28	0 11.18	+ 8 8.7	1.708	2.706	2.4	19.1
10 8	0 3.65	+ 6 59.2	1.720	2.704	4.7	19.2
10 18	23 57.17	+ 5 50.4	1.760	2.702	8.5	19.5
10 28	23 52.50	+ 4 49.2	1.824	2.699	12.1	19.7

350935 2002 TK_{320} 9 26.3 347°.75 0°.7/26.9 18

8 19	0 38.07	+ 4 13.6	1.717	2.543	16.1	21.1
8 29	0 34.17	+ 4 16.4	1.637	2.540	12.7	20.8
9 8	0 27.94	+ 4 6.0	1.578	2.538	8.8	20.6
9 18	0 19.91	+ 3 44.6	1.542	2.536	4.3	20.3
9 28	0 10.98	+ 3 16.3	1.533	2.534	0.9	20.1
10 8	0 2.27	+ 2 46.7	1.551	2.533	5.3	20.4
10 18	23 54.78	+ 2 21.1	1.595	2.532	9.6	20.7
10 28	23 49.38	+ 2 4.7	1.662	2.531	13.5	20.9

448542 2010 RN_{11} 9 26.3 58°.04 1°.7/28.4 15

8 19	0 32.62	+12 35.9	1.841	2.638	16.3	21.4
8 29	0 29.62	+11 31.2	1.773	2.656	13.0	21.2
9 8	0 24.65	+10 4.1	1.726	2.674	9.2	21.0
9 18	0 18.28	+ 8 18.4	1.704	2.691	5.0	20.8
9 28	0 11.33	+ 6 21.6	1.710	2.710	1.7	20.6
10 8	0 4.72	+ 4 22.9	1.744	2.728	4.6	20.9
10 18	23 59.25	+ 2 31.8	1.806	2.746	8.5	21.2
10 28	23 55.56	+ 0 56.1	1.894	2.764	12.0	21.4

276038 2002 AE_{150} 9 26.3 93°.53 4°.9/21.6 18

8 19	0 39.03	− 8 25.8	1.759	2.611	14.7	20.1
8 29	0 34.55	− 9 39.6	1.709	2.629	11.3	20.0
9 8	0 27.91	−10 57.4	1.681	2.648	7.8	19.8
9 18	0 19.77	−12 11.5	1.679	2.666	5.2	19.7
9 28	0 11.04	−13 13.8	1.704	2.684	5.7	19.8
10 8	0 2.78	−13 57.9	1.756	2.701	8.5	20.0
10 18	23 55.85	−14 20.7	1.833	2.719	11.8	20.2
10 28	23 50.95	−14 21.4	1.932	2.736	14.6	20.4

453448 2009 RA_{13} 9 26.3 341°.94 0°.4/26.8 18

8 19	0 30.11	+ 7 59.0	2.011	2.828	14.4	21.2
8 29	0 27.67	+ 6 56.6	1.925	2.823	11.4	21.0
9 8	0 23.40	+ 5 35.5	1.860	2.818	7.8	20.8
9 18	0 17.76	+ 3 59.6	1.820	2.814	3.8	20.5
9 28	0 11.44	+ 2 15.4	1.808	2.810	0.6	20.2
10 8	0 5.26	+ 0 31.3	1.825	2.806	4.8	20.6
10 18	0 0.03	− 1 4.7	1.870	2.803	8.7	20.8
10 28	23 56.39	− 2 25.8	1.939	2.801	12.2	21.0

389440 2010 CM_{101} 9 26.3 298°.26 1°.8/24.7 18

8 19	0 36.38	− 0 5.6	1.635	2.479	15.9	21.4
8 29	0 32.98	− 0 45.0	1.556	2.473	12.4	21.2
9 8	0 27.21	− 1 37.3	1.497	2.466	8.2	20.9
9 18	0 19.60	− 2 37.6	1.463	2.460	3.8	20.6
9 28	0 11.06	− 3 38.6	1.455	2.454	2.4	20.5
10 8	0 2.72	− 4 32.5	1.474	2.448	6.7	20.8
10 18	23 55.63	− 5 12.8	1.518	2.442	11.1	21.0
10 28	23 50.66	− 5 35.1	1.584	2.436	15.0	21.3

402528 2006 EC_{25} 9 26.3 337°.84 2°.6/28.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 37.49	+ 9 24.3	2.165	2.956	14.3	20.9
8 29	0 33.28	+ 9 45.5	2.076	2.953	11.6	20.7
9 8	0 27.13	+ 9 53.7	2.008	2.950	8.4	20.5
9 18	0 19.49	+ 9 49.1	1.964	2.946	5.0	20.3
9 28	0 11.09	+ 9 33.7	1.948	2.944	2.6	20.2
10 8	0 2.80	+ 9 11.1	1.960	2.941	4.5	20.3
10 18	23 55.46	+ 8 45.8	1.999	2.938	7.9	20.5
10 28	23 49.82	+ 8 22.6	2.064	2.936	11.1	20.7

21425 Cordwell 9 26.3 28°.20 4°.2/23.3 18

8 19	0 36.52	− 3 47.6	1.154	2.028	19.2	17.5
8 29	0 33.74	− 4 44.0	1.101	2.035	14.8	17.3
9 8	0 27.97	− 5 52.2	1.067	2.042	9.8	17.0
9 18	0 19.97	− 7 3.6	1.054	2.050	5.2	16.8
9 28	0 11.01	− 8 7.0	1.065	2.059	5.0	16.8
10 8	0 2.58	− 8 52.8	1.100	2.068	9.4	17.1
10 18	23 55.97	− 9 15.0	1.157	2.079	14.0	17.4
10 28	23 52.07	− 9 11.6	1.234	2.089	18.1	17.7

102734 1999 VB_{104} 9 26.3 140°.11 4°.8/ 2.9 18

8 19	0 33.30	+21 6.9	2.448	3.175	14.5	20.1
8 29	0 29.86	+20 58.0	2.357	3.178	12.3	19.9
9 8	0 24.73	+20 28.7	2.285	3.181	9.8	19.7
9 18	0 18.34	+19 38.9	2.236	3.184	7.2	19.6
9 28	0 11.34	+18 30.5	2.213	3.186	5.2	19.5
10 8	0 4.49	+17 8.1	2.219	3.189	5.2	19.5
10 18	23 58.52	+15 38.2	2.253	3.191	7.2	19.6
10 28	23 54.03	+14 8.0	2.314	3.193	9.8	19.8

494867 2008 FY_{63} 9 26.3 225°.31 0°.4/27.0 17

8 19	0 30.95	+ 5 20.3	3.521	4.316	9.2	22.3
8 29	0 27.44	+ 4 59.1	3.424	4.310	7.2	22.2
9 8	0 22.81	+ 4 29.8	3.352	4.304	4.9	22.0
9 18	0 17.37	+ 3 54.2	3.306	4.298	2.4	21.8
9 28	0 11.54	+ 3 14.7	3.290	4.292	0.5	21.6
10 8	0 5.78	+ 2 34.5	3.305	4.285	2.9	21.9
10 18	0 0.54	+ 1 56.6	3.349	4.279	5.4	22.0
10 28	23 56.24	+ 1 24.0	3.420	4.272	7.7	22.2

260201 2004 RH_{171} 9 26.3 13°.93 1°.8/27.9 18

8 19	0 38.00	+ 6 46.6	1.918	2.727	15.3	20.2
8 29	0 33.85	+ 7 3.2	1.838	2.729	12.2	20.0
9 8	0 27.58	+ 7 6.9	1.779	2.731	8.6	19.8
9 18	0 19.72	+ 6 58.6	1.745	2.734	4.7	19.6
9 28	0 11.07	+ 6 41.2	1.737	2.737	1.8	19.4
10 8	0 2.62	+ 6 19.0	1.757	2.740	4.7	19.6
10 18	23 55.30	+ 5 56.9	1.804	2.744	8.6	19.9
10 28	23 49.86	+ 5 39.6	1.876	2.748	12.1	20.1

279148 2009 SQ_{36} 9 26.3 279°.21 0°.3/25.9 17

8 19	0 36.92	+ 1 19.3	2.348	3.166	12.6	21.0
8 29	0 32.66	+ 1 11.6	2.255	3.156	9.8	20.8
9 8	0 26.63	+ 0 55.5	2.185	3.146	6.6	20.6
9 18	0 19.24	+ 0 33.3	2.141	3.137	3.0	20.3
9 28	0 11.16	+ 0 8.5	2.126	3.127	0.8	20.2
10 8	0 3.18	− 0 14.8	2.139	3.117	4.5	20.4
10 18	23 56.07	− 0 32.8	2.181	3.108	8.1	20.6
10 28	23 50.47	− 0 42.2	2.248	3.098	11.2	20.8

248580 2006 BF_{156} 9 26.3 37°.70 3°.0/24.3 18

8 19	0 37.17	− 0 59.5	0.967	1.847	21.6	19.8
8 29	0 34.53	− 1 48.0	0.926	1.863	16.6	19.6
9 8	0 28.58	− 2 52.4	0.903	1.880	10.9	19.3
9 18	0 20.24	− 4 3.5	0.900	1.898	5.1	19.1
9 28	0 11.00	− 5 9.5	0.919	1.917	3.9	19.1
10 8	0 2.55	− 5 59.5	0.961	1.937	9.0	19.5
10 18	23 56.22	− 6 26.8	1.025	1.958	14.2	19.8
10 28	23 52.88	− 6 28.9	1.107	1.979	18.5	20.2

321351 2009 KE_{29} 9 26.3 91°.00 0°.5/25.8 18

8 19	0 35.58	+ 2 47.3	2.076	2.899	13.8	21.1
8 29	0 31.71	+ 2 14.0	2.004	2.908	10.7	20.9
9 8	0 25.98	+ 1 29.1	1.953	2.916	7.1	20.7
9 18	0 18.92	+ 0 36.2	1.929	2.925	3.2	20.5
9 28	0 11.25	− 0 19.5	1.932	2.933	1.0	20.3
10 8	0 3.83	− 1 12.2	1.964	2.942	4.9	20.6
10 18	23 57.44	− 1 56.5	2.023	2.950	8.6	20.9
10 28	23 52.71	− 2 28.5	2.107	2.958	11.8	21.1

517954 2015 TF_{332} 9 26.3 27°.04 3°.9/21.6 18

8 19	0 32.85	− 6 35.7	2.084	2.935	12.7	21.1
8 29	0 29.64	− 7 50.0	2.016	2.937	9.7	20.9
9 8	0 24.63	− 9 10.5	1.971	2.940	6.6	20.7
9 18	0 18.30	−10 30.7	1.953	2.942	4.2	20.6
9 28	0 11.37	−11 43.5	1.962	2.945	4.7	20.6
10 8	0 4.66	−12 42.5	1.999	2.947	7.4	20.8
10 18	23 58.93	−13 23.3	2.061	2.950	10.5	21.0
10 28	23 54.79	−13 43.8	2.147	2.953	13.2	21.2

207829 2007 TU_{379} 9 26.3 345°.89 1°.7/27.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 37.60	+ 6 55.0	1.700	2.518	16.6	21.0
8 29	0 33.86	+ 7 1.1	1.619	2.515	13.3	20.8
9 8	0 27.78	+ 6 51.9	1.558	2.513	9.3	20.6
9 18	0 19.87	+ 6 28.7	1.520	2.511	5.0	20.3
9 28	0 11.05	+ 5 55.2	1.509	2.509	1.7	20.1
10 8	0 2.41	+ 5 17.1	1.524	2.508	5.2	20.3
10 18	23 55.00	+ 4 40.7	1.566	2.507	9.5	20.6
10 28	23 49.69	+ 4 12.0	1.631	2.506	13.4	20.8

392679 2011 UR_{355} 9 26.3 41°.66 3°.6/23.2 18

8 19	0 37.99	− 6 14.7	1.730	2.581	14.9	20.8
8 29	0 33.92	− 6 53.4	1.666	2.587	11.5	20.6
9 8	0 27.62	− 7 37.7	1.625	2.594	7.7	20.4
9 18	0 19.71	− 8 21.7	1.608	2.601	4.3	20.2
9 28	0 11.10	− 8 58.8	1.618	2.608	4.3	20.2
10 8	0 2.84	− 9 23.0	1.654	2.615	7.5	20.4
10 18	23 55.87	− 9 31.0	1.716	2.623	11.1	20.7
10 28	23 50.94	− 9 21.0	1.800	2.631	14.4	20.9

206625 2003 WW_{142} 9 26.3 197°.67 3°.0/23.4 18

8 19	0 38.31	− 4 59.1	2.022	2.861	13.5	20.5
8 29	0 33.94	− 5 39.4	1.945	2.860	10.4	20.3
9 8	0 27.56	− 6 26.1	1.891	2.858	7.0	20.1
9 18	0 19.68	− 7 14.3	1.863	2.856	3.7	19.9
9 28	0 11.10	− 7 57.9	1.863	2.855	3.5	19.9
10 8	0 2.74	− 8 31.3	1.891	2.852	6.7	20.1
10 18	23 55.46	− 8 50.6	1.945	2.850	10.1	20.3
10 28	23 49.97	− 8 53.5	2.023	2.847	13.3	20.5

485223 2010 VC_{16} 9 26.3 242°.91 0°.8/27.2 18

8 19	0 37.75	+ 4 55.3	2.224	3.031	13.5	21.4
8 29	0 33.37	+ 4 56.0	2.138	3.030	10.7	21.2
9 8	0 27.13	+ 4 45.7	2.073	3.028	7.4	21.0
9 18	0 19.48	+ 4 26.2	2.034	3.026	3.7	20.8
9 28	0 11.14	+ 4 0.7	2.023	3.024	0.9	20.6
10 8	0 2.94	+ 3 33.4	2.040	3.022	4.3	20.8
10 18	23 55.70	+ 3 8.5	2.086	3.020	7.9	21.1
10 28	23 50.08	+ 2 50.3	2.158	3.018	11.2	21.3

477239 2009 RJ_{35} 9 26.3 114°.72 2°.0/28.4 18

8 19	0 35.36	+11 45.5	1.658	2.462	17.5	21.2
8 29	0 32.11	+10 59.6	1.582	2.468	14.1	21.0
9 8	0 26.55	+ 9 50.0	1.526	2.474	10.0	20.7
9 18	0 19.27	+ 8 19.7	1.493	2.481	5.5	20.5
9 28	0 11.19	+ 6 35.3	1.487	2.486	2.0	20.3
10 8	0 3.39	+ 4 46.6	1.508	2.492	5.1	20.5
10 18	23 56.87	+ 3 3.7	1.557	2.498	9.5	20.8
10 28	23 52.42	+ 1 35.4	1.630	2.503	13.5	21.0

199673 2006 HH_{3} 9 26.3 308°.11 1°.8/28.2 18

8 19	0 31.50	+11 28.7	1.633	2.447	17.3	19.4
8 29	0 29.32	+10 39.5	1.541	2.434	14.0	19.2
9 8	0 24.86	+ 9 24.6	1.469	2.421	10.0	18.9
9 18	0 18.57	+ 7 46.5	1.419	2.409	5.5	18.6
9 28	0 11.31	+ 5 51.7	1.396	2.396	1.8	18.3
10 8	0 4.16	+ 3 50.7	1.400	2.385	5.3	18.6
10 18	23 58.16	+ 1 54.7	1.430	2.373	10.0	18.8
10 28	23 54.19	+ 0 14.0	1.485	2.362	14.3	19.0

158754 2003 QW_{81} 9 26.3 17°.49 0°.3/26.6 18

8 19	0 34.79	+ 4 8.0	2.176	2.993	13.4	20.2
8 29	0 31.08	+ 3 51.1	2.095	2.995	10.5	20.1
9 8	0 25.59	+ 3 22.7	2.037	2.996	7.1	19.9
9 18	0 18.76	+ 2 45.5	2.003	2.997	3.4	19.6
9 28	0 11.30	+ 2 3.4	1.997	2.999	0.6	19.4
10 8	0 4.01	+ 1 21.5	2.020	3.001	4.4	19.7
10 18	23 57.67	+ 0 44.8	2.070	3.003	8.1	19.9
10 28	23 52.91	+ 0 17.3	2.146	3.005	11.3	20.1

437406 2013 WC_{83} 9 26.3 237°.46 2°.0/24.4 18

8 19	0 38.79	− 1 0.7	1.887	2.720	14.6	22.0
8 29	0 34.61	− 1 43.8	1.797	2.708	11.3	21.7
9 8	0 28.21	− 2 38.2	1.729	2.696	7.5	21.5
9 18	0 20.07	− 3 39.1	1.687	2.683	3.6	21.2
9 28	0 11.02	− 4 40.1	1.673	2.670	2.6	21.1
10 8	0 2.07	− 5 34.1	1.686	2.656	6.5	21.3
10 18	23 54.22	− 6 15.1	1.726	2.642	10.5	21.6
10 28	23 48.29	− 6 39.1	1.790	2.628	14.2	21.8

289127 2004 UV_{3} 9 26.3 356°.80 8°.3/ 5.6 17

8 19	0 34.47	+25 46.0	1.975	2.687	17.9	20.4
8 29	0 31.42	+26 32.8	1.887	2.685	15.8	20.2
9 8	0 26.15	+26 55.9	1.816	2.684	13.3	20.0
9 18	0 19.14	+26 52.2	1.765	2.682	10.8	19.9
9 28	0 11.21	+26 20.6	1.737	2.682	8.9	19.7
10 8	0 3.37	+25 24.1	1.734	2.682	8.4	19.7
10 18	23 56.63	+24 9.1	1.756	2.682	9.7	19.8
10 28	23 51.83	+22 44.4	1.802	2.683	12.0	19.9

36865 2000 SQ_{146} 9 26.3 64°.31 2°.4/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 38.24	+11 7.0	1.240	2.065	21.1	18.1
8 29	0 34.81	+10 37.2	1.188	2.086	16.9	17.9
9 8	0 28.53	+ 9 40.8	1.154	2.108	11.9	17.7
9 18	0 20.19	+ 8 21.5	1.140	2.130	6.5	17.4
9 28	0 11.03	+ 6 47.6	1.151	2.151	2.4	17.2
10 8	0 2.49	+ 5 10.5	1.188	2.173	6.0	17.5
10 18	23 55.73	+ 3 41.7	1.249	2.195	10.9	17.9
10 28	23 51.61	+ 2 30.0	1.333	2.216	15.2	18.2

219892 2002 EF_{95} 9 26.3 270°.54 0°.4/25.4 18

8 19	0 27.48	+ 1 2.0	4.409	5.220	7.2	20.6
8 29	0 24.55	+ 0 34.0	4.318	5.217	5.6	20.5
9 8	0 20.78	+ 0 1.0	4.252	5.213	3.7	20.4
9 18	0 16.42	− 0 35.2	4.214	5.210	1.6	20.2
9 28	0 11.78	− 1 12.3	4.206	5.206	0.7	20.1
10 8	0 7.20	− 1 47.9	4.228	5.203	2.7	20.3
10 18	0 3.02	− 2 19.7	4.280	5.199	4.7	20.4
10 28	23 59.55	− 2 45.8	4.359	5.196	6.5	20.6

50543 2000 ED_{17} 9 26.3 93°.21 0°.2/26.5 18

8 19	0 36.04	+ 4 40.8	1.929	2.749	14.8	19.0
8 29	0 32.27	+ 4 13.5	1.853	2.754	11.6	18.8
9 8	0 26.48	+ 3 32.3	1.798	2.758	7.9	18.6
9 18	0 19.20	+ 2 40.5	1.768	2.763	3.7	18.4
9 28	0 11.23	+ 1 43.2	1.766	2.767	0.7	18.2
10 8	0 3.48	+ 0 46.9	1.791	2.772	4.9	18.5
10 18	23 56.84	− 0 2.4	1.844	2.776	8.9	18.7
10 28	23 51.99	− 0 39.9	1.921	2.781	12.4	19.0

297198 2011 AB_{34} 9 26.3 269°.11 1°.0/27.5 17

8 19	0 34.92	+ 6 34.0	2.530	3.329	12.3	21.9
8 29	0 31.09	+ 6 20.7	2.424	3.311	9.8	21.7
9 8	0 25.58	+ 5 55.6	2.341	3.293	6.8	21.4
9 18	0 18.79	+ 5 20.4	2.284	3.274	3.5	21.2
9 28	0 11.30	+ 4 38.1	2.255	3.256	1.0	21.0
10 8	0 3.83	+ 3 53.1	2.255	3.237	3.9	21.2
10 18	23 57.09	+ 3 9.9	2.284	3.218	7.3	21.4
10 28	23 51.73	+ 2 33.2	2.339	3.199	10.5	21.5

138960 2001 CQ_{3} 9 26.3 236°.35 0°.2/26.5 18

8 19	0 41.67	+ 3 29.2	1.681	2.504	16.5	20.7
8 29	0 37.17	+ 3 21.8	1.593	2.495	13.1	20.5
9 8	0 30.11	+ 3 0.6	1.525	2.485	9.0	20.2
9 18	0 21.02	+ 2 28.3	1.481	2.475	4.3	19.9
9 28	0 10.85	+ 1 49.4	1.463	2.465	0.8	19.6
10 8	0 0.79	+ 1 10.5	1.473	2.454	5.8	20.0
10 18	23 52.01	+ 0 37.7	1.510	2.443	10.4	20.2
10 28	23 45.47	+ 0 16.4	1.570	2.432	14.6	20.4

523143 2016 SZ_{54} 9 26.4 193°.70 6°.8/18.5 18

8 19	0 37.08	−15 9.0	2.044	2.896	12.9	21.3
8 29	0 33.03	−16 39.5	1.980	2.895	10.3	21.1
9 8	0 26.98	−18 10.0	1.940	2.894	7.9	21.0
9 18	0 19.44	−19 32.4	1.926	2.892	6.8	20.9
9 28	0 11.22	−20 38.6	1.939	2.890	7.7	21.0
10 8	0 3.24	−21 22.8	1.979	2.887	10.0	21.1
10 18	23 56.36	−21 42.3	2.042	2.884	12.6	21.3
10 28	23 51.27	−21 37.0	2.126	2.881	15.0	21.5

289838 2005 LK_{26} 9 26.4 63°.29 0°.4/27.2 17

8 19	0 27.35	+ 6 2.2	4.228	5.020	7.8	20.8
8 29	0 24.48	+ 5 33.3	4.142	5.026	6.1	20.7
9 8	0 20.75	+ 4 57.3	4.080	5.032	4.2	20.5
9 18	0 16.43	+ 4 16.0	4.046	5.038	2.1	20.4
9 28	0 11.82	+ 3 31.5	4.042	5.044	0.4	20.2
10 8	0 7.31	+ 2 46.5	4.069	5.050	2.4	20.4
10 18	0 3.21	+ 2 3.7	4.125	5.055	4.5	20.6
10 28	23 59.86	+ 1 25.6	4.209	5.061	6.3	20.7

482598 2012 XN_{135} 9 26.4 292°.29 9°.6/16.8 18

8 19	0 39.14	−21 15.7	1.725	2.581	14.7	20.8
8 29	0 35.18	−22 42.1	1.658	2.567	12.3	20.6
9 8	0 28.73	−24 3.4	1.614	2.553	10.3	20.4
9 18	0 20.35	−25 9.7	1.592	2.539	9.6	20.4
9 28	0 11.04	−25 51.8	1.596	2.525	10.7	20.4
10 8	0 1.99	−26 3.6	1.623	2.512	13.0	20.5
10 18	23 54.30	−25 43.7	1.671	2.498	15.6	20.7
10 28	23 48.86	−24 54.2	1.739	2.485	18.2	20.8

48184 2001 HA_{44} 9 26.4 304°.33 1°.6/27.7 18

8 19	0 34.05	+ 9 0.8	1.411	2.241	18.8	19.5
8 29	0 31.70	+ 8 32.7	1.326	2.229	15.1	19.2
9 8	0 26.68	+ 7 40.6	1.259	2.218	10.7	18.9
9 18	0 19.52	+ 6 26.6	1.214	2.206	5.6	18.6
9 28	0 11.19	+ 4 57.2	1.194	2.195	1.6	18.3
10 8	0 2.98	+ 3 22.6	1.200	2.184	6.0	18.6
10 18	23 56.12	+ 1 53.7	1.230	2.174	11.2	18.8
10 28	23 51.65	+ 0 40.4	1.282	2.164	15.8	19.1

350317 2012 UG_{61} 9 26.4 199°.86 1°.9/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 37.65	− 1 25.8	2.028	2.861	13.7	21.6
8 29	0 33.46	− 2 6.1	1.948	2.859	10.6	21.4
9 8	0 27.28	− 2 55.8	1.890	2.857	7.0	21.2
9 18	0 19.60	− 3 50.4	1.858	2.854	3.3	20.9
9 28	0 11.20	− 4 44.1	1.854	2.851	2.4	20.9
10 8	0 2.99	− 5 30.8	1.878	2.848	6.0	21.1
10 18	23 55.83	− 6 5.5	1.929	2.844	9.7	21.3
10 28	23 50.43	− 6 24.9	2.005	2.841	12.9	21.5

77265 2001 FB_{51} 9 26.4 165°.38 0°.8/27.3 18

8 19	0 37.77	+ 6 20.1	2.195	2.997	13.8	20.3
8 29	0 33.39	+ 6 1.3	2.112	3.001	10.9	20.1
9 8	0 27.15	+ 5 29.3	2.051	3.004	7.5	19.9
9 18	0 19.52	+ 4 46.5	2.015	3.007	3.8	19.7
9 28	0 11.22	+ 3 56.9	2.008	3.009	0.9	19.4
10 8	0 3.12	+ 3 5.7	2.030	3.011	4.3	19.7
10 18	23 55.99	+ 2 18.4	2.080	3.013	8.0	19.9
10 28	23 50.52	+ 1 39.8	2.156	3.014	11.3	20.2

67133 2000 AL_{145} 9 26.4 303°.77 4°.2/20.9 18

8 19	0 31.54	− 6 42.9	2.148	3.000	12.3	19.0
8 29	0 28.70	− 8 11.4	2.067	2.990	9.5	18.8
9 8	0 24.08	− 9 47.6	2.011	2.979	6.5	18.6
9 18	0 18.12	−11 24.8	1.981	2.969	4.4	18.4
9 28	0 11.49	−12 55.0	1.979	2.958	5.0	18.5
10 8	0 4.98	−14 10.9	2.005	2.948	7.8	18.6
10 18	23 59.34	−15 7.5	2.057	2.938	10.8	18.8
10 28	23 55.25	−15 42.0	2.132	2.929	13.6	19.0

324214 2006 BC_{31} 9 26.4 291°.28 2°.7/23.3 18

8 19	0 33.75	− 3 44.8	2.178	3.020	12.6	20.5
8 29	0 30.40	− 4 35.6	2.089	3.005	9.7	20.3
9 8	0 25.23	− 5 34.6	2.022	2.991	6.5	20.1
9 18	0 18.67	− 6 36.9	1.982	2.977	3.4	19.9
9 28	0 11.39	− 7 36.5	1.970	2.962	3.3	19.9
10 8	0 4.20	− 8 27.4	1.986	2.948	6.4	20.0
10 18	23 57.89	− 9 4.7	2.028	2.934	9.8	20.2
10 28	23 53.14	− 9 25.2	2.094	2.920	12.8	20.4

65206 2002 DB_{13} 9 26.4 285°.87 0°.5/25.5 18

8 19	0 28.83	+ 0 25.5	4.263	5.073	7.5	19.9
8 29	0 25.62	+ 0 6.7	4.169	5.067	5.7	19.8
9 8	0 21.53	− 0 16.7	4.100	5.061	3.8	19.6
9 18	0 16.80	− 0 43.1	4.059	5.055	1.7	19.5
9 28	0 11.77	− 1 10.4	4.048	5.048	0.7	19.4
10 8	0 6.80	− 1 36.1	4.067	5.042	2.8	19.6
10 18	0 2.24	− 1 58.3	4.116	5.036	4.8	19.7
10 28	23 58.43	− 2 14.9	4.192	5.030	6.7	19.8

371464 2006 SG_{393} 9 26.4 312°.92 4°.3/29.5 18

8 19	0 34.29	+11 53.0	1.294	2.119	20.4	21.0
8 29	0 32.37	+12 13.3	1.200	2.096	16.9	20.7
9 8	0 27.50	+12 9.9	1.124	2.073	12.7	20.4
9 18	0 20.07	+11 41.2	1.067	2.050	8.0	20.1
9 28	0 11.08	+10 49.1	1.033	2.028	4.4	19.8
10 8	0 1.97	+ 9 40.5	1.022	2.007	6.7	19.9
10 18	23 54.24	+ 8 25.8	1.035	1.987	11.8	20.1
10 28	23 49.20	+ 7 16.9	1.069	1.967	16.9	20.3

52044 2002 PN_{75} 9 26.4 41°.69 3°.6/23.6 18

8 19	0 35.99	− 1 16.0	1.079	1.954	20.2	18.6
8 29	0 33.27	− 2 30.8	1.041	1.975	15.4	18.4
9 8	0 27.57	− 4 0.2	1.022	1.998	10.0	18.2
9 18	0 19.77	− 5 34.0	1.024	2.021	4.9	18.0
9 28	0 11.23	− 6 59.5	1.049	2.045	4.5	18.1
10 8	0 3.42	− 8 5.9	1.099	2.069	9.0	18.4
10 18	23 57.52	− 8 46.8	1.170	2.094	13.7	18.7
10 28	23 54.31	− 9 0.3	1.262	2.120	17.6	19.1

512827 2016 US_{107} 9 26.4 31°.38 0°.5/26.8 18

8 19	0 36.31	+ 5 15.1	1.596	2.426	16.9	21.5
8 29	0 32.91	+ 4 56.9	1.525	2.431	13.3	21.3
9 8	0 27.15	+ 4 22.4	1.474	2.435	9.1	21.1
9 18	0 19.61	+ 3 34.7	1.446	2.441	4.4	20.8
9 28	0 11.24	+ 2 39.7	1.444	2.446	0.8	20.6
10 8	0 3.15	+ 1 44.7	1.469	2.452	5.5	20.9
10 18	23 56.38	+ 0 56.8	1.520	2.458	10.0	21.2
10 28	23 51.75	+ 0 21.7	1.593	2.464	13.9	21.5

143310 2003 AV_{42} 9 26.4 1°.40 9°.2/ 3.4 18

8 19	0 35.31	+20 6.8	1.382	2.162	21.5	18.2
8 29	0 32.91	+21 31.0	1.309	2.159	18.6	18.0
9 8	0 27.63	+22 30.8	1.251	2.158	15.3	17.8
9 18	0 20.02	+23 1.0	1.212	2.158	12.0	17.6
9 28	0 11.13	+22 59.4	1.195	2.160	9.6	17.5
10 8	0 2.38	+22 29.0	1.200	2.163	9.5	17.5
10 18	23 55.14	+21 37.3	1.228	2.168	11.7	17.6
10 28	23 50.52	+20 35.1	1.278	2.173	14.9	17.8

381808 2009 UT_{118} 9 26.4 279°.19 0°.4/26.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 36.89	+ 5 22.0	1.624	2.452	16.8	21.9
8 29	0 33.63	+ 4 57.8	1.529	2.434	13.4	21.6
9 8	0 27.88	+ 4 15.8	1.454	2.415	9.2	21.3
9 18	0 20.08	+ 3 18.5	1.402	2.397	4.5	21.0
9 28	0 11.12	+ 2 11.6	1.377	2.378	0.8	20.7
10 8	0 2.18	+ 1 3.3	1.378	2.360	5.9	21.0
10 18	23 54.42	+ 0 1.7	1.405	2.341	10.8	21.3
10 28	23 48.84	− 0 45.7	1.455	2.322	15.1	21.5

314933 2006 WY_{65} 9 26.4 298°.19 3°.9/30.4 18

8 19	0 35.73	+14 25.0	2.072	2.846	15.4	20.9
8 29	0 32.11	+14 35.4	1.981	2.842	12.8	20.7
9 8	0 26.47	+14 27.8	1.910	2.838	9.7	20.5
9 18	0 19.29	+14 2.1	1.862	2.834	6.4	20.3
9 28	0 11.30	+13 20.4	1.841	2.830	4.0	20.2
10 8	0 3.42	+12 27.2	1.847	2.826	5.0	20.2
10 18	23 56.53	+11 28.7	1.880	2.822	8.1	20.4
10 28	23 51.38	+10 31.7	1.939	2.818	11.4	20.6

173801 2001 SE_{225} 9 26.4 58°.20 1°.1/25.3 18

8 19	0 35.39	+ 1 21.5	1.933	2.765	14.3	20.5
8 29	0 31.77	+ 0 44.1	1.859	2.769	11.1	20.3
9 8	0 26.16	− 0 5.0	1.807	2.773	7.4	20.1
9 18	0 19.10	− 1 1.5	1.780	2.776	3.3	19.9
9 28	0 11.35	− 1 59.7	1.780	2.780	1.6	19.8
10 8	0 3.84	− 2 53.0	1.808	2.784	5.5	20.1
10 18	23 57.41	− 3 36.0	1.863	2.788	9.3	20.3
10 28	23 52.74	− 4 4.7	1.942	2.792	12.7	20.5

104223 2000 EP_{121} 9 26.4 294°.50 2°.2/24.8 18

8 19	0 41.90	− 3 42.8	1.784	2.621	15.1	18.9
8 29	0 37.38	− 3 49.2	1.683	2.595	11.9	18.6
9 8	0 30.33	− 4 2.4	1.603	2.570	8.0	18.3
9 18	0 21.22	− 4 18.5	1.549	2.544	3.9	18.0
9 28	0 10.92	− 4 32.4	1.521	2.519	2.7	17.9
10 8	0 0.57	− 4 38.9	1.521	2.493	6.8	18.1
10 18	23 51.34	− 4 33.7	1.547	2.467	11.2	18.3
10 28	23 44.23	− 4 14.3	1.596	2.442	15.2	18.5

239647 2008 WW_{66} 9 26.4 198°.12 3°.0/23.3 18

8 19	0 38.40	− 4 51.1	2.061	2.899	13.3	21.5
8 29	0 34.02	− 5 38.1	1.983	2.897	10.3	21.3
9 8	0 27.65	− 6 31.9	1.928	2.895	6.9	21.0
9 18	0 19.79	− 7 27.4	1.899	2.892	3.7	20.8
9 28	0 11.23	− 8 18.4	1.897	2.889	3.6	20.8
10 8	0 2.87	− 8 58.9	1.925	2.885	6.7	21.0
10 18	23 55.56	− 9 24.9	1.978	2.881	10.1	21.2
10 28	23 50.01	− 9 33.8	2.056	2.877	13.2	21.4

84997 2003 YP_{118} 9 26.4 271°.48 8°.0/ 3.6 17

8 19	0 40.80	+23 24.0	2.140	2.849	16.8	19.8
8 29	0 36.43	+24 24.7	2.030	2.829	14.8	19.6
9 8	0 29.68	+25 6.8	1.937	2.809	12.4	19.4
9 18	0 20.94	+25 26.2	1.866	2.789	10.0	19.2
9 28	0 10.97	+25 20.6	1.820	2.768	8.3	19.1
10 8	0 0.82	+24 51.1	1.799	2.747	8.2	19.0
10 18	23 51.59	+24 2.2	1.805	2.726	9.9	19.1
10 28	23 44.29	+23 1.4	1.836	2.705	12.4	19.2

105733 2000 SP_{84} 9 26.4 328°.68 3°.0/24.5 18

8 19	0 36.46	− 2 44.0	1.102	1.978	19.8	18.5
8 29	0 34.29	− 3 2.9	1.028	1.962	15.6	18.2
9 8	0 28.85	− 3 34.5	0.971	1.946	10.5	17.8
9 18	0 20.69	− 4 12.9	0.934	1.932	5.1	17.5
9 28	0 11.03	− 4 49.3	0.921	1.919	3.7	17.4
10 8	0 1.54	− 5 14.2	0.930	1.907	9.0	17.6
10 18	23 53.79	− 5 20.6	0.960	1.896	14.6	17.9
10 28	23 49.05	− 5 4.5	1.010	1.886	19.5	18.2

75233 1999 WE_{7} 9 26.4 308°.29 3°.4/24.0 18

8 19	0 38.36	− 3 46.4	1.336	2.198	17.8	18.9
8 29	0 35.24	− 4 17.4	1.255	2.182	13.9	18.6
9 8	0 29.20	− 4 59.2	1.193	2.165	9.4	18.3
9 18	0 20.77	− 5 46.0	1.153	2.149	4.8	18.0
9 28	0 11.03	− 6 29.1	1.138	2.134	4.1	17.9
10 8	0 1.40	− 7 0.1	1.148	2.119	8.6	18.1
10 18	23 53.27	− 7 12.5	1.180	2.104	13.6	18.4
10 28	23 47.77	− 7 3.1	1.234	2.090	18.0	18.6

295833 2008 UT_{370} 9 26.4 246°.64 5°.5/ 1.7 18

8 19	0 38.45	+17 30.6	1.962	2.719	16.7	20.6
8 29	0 34.41	+18 2.4	1.873	2.717	14.1	20.4
9 8	0 28.14	+18 14.7	1.802	2.714	11.1	20.2
9 18	0 20.12	+18 6.0	1.754	2.712	8.0	20.0
9 28	0 11.17	+17 36.7	1.731	2.710	5.7	19.9
10 8	0 2.33	+16 50.9	1.736	2.707	6.2	19.9
10 18	23 54.58	+15 54.7	1.767	2.705	8.8	20.1
10 28	23 48.78	+14 55.8	1.823	2.702	11.9	20.3

346655 2008 YD_1 9 26.4 285°.62 2°.8/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 36.89	− 2 54.8	1.752	2.598	15.0	20.8
8 29	0 33.37	− 3 37.6	1.664	2.582	11.6	20.6
9 8	0 27.53	− 4 30.6	1.597	2.566	7.8	20.3
9 18	0 19.87	− 5 28.8	1.554	2.550	3.9	20.1
9 28	0 11.22	− 6 25.0	1.539	2.534	3.4	20.0
10 8	0 2.67	− 7 11.7	1.550	2.518	7.2	20.2
10 18	23 55.24	− 7 43.3	1.587	2.502	11.4	20.4
10 28	23 49.83	− 7 55.9	1.646	2.486	15.1	20.6

318258 2004 RW_{343} 9 26.4 26°.50 5°.0/22.5 18

8 19	0 44.86	−13 41.9	2.035	2.872	13.5	19.9
8 29	0 38.92	−13 54.0	1.966	2.875	10.7	19.7
9 8	0 30.85	−14 3.8	1.920	2.878	7.6	19.6
9 18	0 21.23	−14 6.3	1.900	2.881	5.4	19.4
9 28	0 10.99	−13 56.7	1.909	2.885	5.5	19.5
10 8	0 1.12	−13 32.1	1.945	2.889	7.9	19.6
10 18	23 52.55	−12 51.8	2.008	2.893	10.9	19.8
10 28	23 45.96	−11 56.6	2.095	2.897	13.7	20.0

430874 2005 QE_{56} 9 26.4 9°.66 2°.0/27.2 18

8 19	0 42.11	+ 1 24.7	0.976	1.843	22.5	19.7
8 29	0 38.80	+ 2 39.4	0.920	1.845	17.9	19.4
9 8	0 31.83	+ 3 43.2	0.881	1.850	12.4	19.1
9 18	0 22.01	+ 4 35.5	0.861	1.856	6.3	18.8
9 28	0 10.84	+ 5 17.3	0.864	1.865	2.0	18.6
10 8	0 0.24	+ 5 51.8	0.889	1.875	7.2	18.9
10 18	23 51.87	+ 6 23.2	0.936	1.887	12.9	19.3
10 28	23 46.89	+ 6 56.4	1.003	1.901	17.8	19.6

438604 2007 VA_{197} 9 26.4 14°.83 3°.5/29.4 18

8 19	0 29.36	+11 59.0	1.143	1.986	21.5	19.9
8 29	0 28.30	+11 56.1	1.087	1.994	17.4	19.7
9 8	0 24.44	+11 25.2	1.048	2.004	12.7	19.5
9 18	0 18.47	+10 28.1	1.029	2.016	7.5	19.2
9 28	0 11.54	+ 9 11.4	1.031	2.029	3.6	19.0
10 8	0 5.04	+ 7 46.0	1.057	2.044	6.1	19.2
10 18	0 0.17	+ 6 23.6	1.107	2.061	10.8	19.6
10 28	23 57.81	+ 5 14.5	1.177	2.079	15.3	19.9

439651 2014 HA_{29} 9 26.4 293°.77 2°.5/24.1 18

8 19	0 36.63	− 2 30.8	1.762	2.607	14.9	20.9
8 29	0 33.09	− 3 9.8	1.679	2.597	11.6	20.7
9 8	0 27.29	− 3 58.9	1.617	2.586	7.7	20.5
9 18	0 19.74	− 4 52.9	1.579	2.575	3.8	20.2
9 28	0 11.28	− 5 45.2	1.568	2.564	3.1	20.1
10 8	0 2.97	− 6 28.7	1.584	2.554	6.9	20.3
10 18	23 55.80	− 6 57.9	1.626	2.544	11.0	20.6
10 28	23 50.62	− 7 9.3	1.691	2.533	14.6	20.8

365276 2009 QP_{42} 9 26.4 4°.74 2°.4/23.8 18

8 19	0 31.54	− 1 12.7	1.778	2.629	14.6	20.0
8 29	0 28.99	− 2 11.9	1.707	2.629	11.2	19.8
9 8	0 24.42	− 3 22.6	1.658	2.629	7.4	19.5
9 18	0 18.34	− 4 38.9	1.634	2.631	3.6	19.3
9 28	0 11.56	− 5 53.2	1.637	2.633	3.1	19.3
10 8	0 5.01	− 6 57.8	1.667	2.636	6.7	19.5
10 18	23 59.56	− 7 46.9	1.722	2.639	10.5	19.8
10 28	23 55.90	− 8 16.6	1.800	2.643	13.8	20.0

476649 2008 SG_{273} 9 26.4 311°.31 3°.5/23.6 18

8 19	0 36.86	− 4 33.7	1.513	2.371	16.3	21.7
8 29	0 33.74	− 5 11.2	1.428	2.353	12.7	21.4
9 8	0 28.00	− 5 58.3	1.364	2.335	8.6	21.1
9 18	0 20.17	− 6 49.1	1.323	2.318	4.6	20.8
9 28	0 11.19	− 7 35.5	1.307	2.301	4.2	20.8
10 8	0 2.32	− 8 9.7	1.317	2.285	8.3	21.0
10 18	23 54.74	− 8 25.7	1.351	2.268	12.7	21.2
10 28	23 49.47	− 8 20.6	1.406	2.253	16.8	21.4

314598 2006 AV_{81} 9 26.4 77°.85 7°.1/ 5.4 18

8 19	0 38.46	+25 41.9	2.388	3.076	15.7	19.9
8 29	0 33.95	+26 21.8	2.313	3.095	13.7	19.8
9 8	0 27.55	+26 41.1	2.257	3.114	11.4	19.6
9 18	0 19.75	+26 37.7	2.222	3.134	9.2	19.5
9 28	0 11.30	+26 11.7	2.212	3.153	7.5	19.5
10 8	0 3.07	+25 26.1	2.229	3.172	7.1	19.5
10 18	23 55.87	+24 26.1	2.272	3.191	8.2	19.6
10 28	23 50.37	+23 18.7	2.341	3.210	10.1	19.7

17266 2000 KT_6 9 26.4 324°.79 5°.0/21.6 18

8 19	0 31.73	− 6 17.5	1.538	2.407	15.5	17.1
8 29	0 29.67	− 7 31.9	1.455	2.386	12.0	16.8
9 8	0 25.23	− 8 56.9	1.393	2.366	8.3	16.6
9 18	0 18.86	−10 24.8	1.356	2.347	5.3	16.3
9 28	0 11.46	−11 45.2	1.343	2.328	5.9	16.3
10 8	0 4.15	−12 48.7	1.355	2.310	9.5	16.5
10 18	23 58.04	−13 28.2	1.391	2.293	13.6	16.7
10 28	23 54.04	−13 40.6	1.447	2.277	17.3	16.9

305846 2009 EW_3 9 26.4 185°.75 2°.1/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 37.39	− 2 31.6	2.267	3.097	12.6	21.8
8 29	0 33.04	− 3 13.0	2.187	3.097	9.7	21.6
9 8	0 26.91	− 4 2.1	2.130	3.096	6.4	21.4
9 18	0 19.45	− 4 54.5	2.100	3.095	3.1	21.2
9 28	0 11.37	− 5 45.1	2.099	3.094	2.6	21.1
10 8	0 3.46	− 6 28.3	2.126	3.092	5.7	21.3
10 18	23 56.50	− 7 0.2	2.181	3.090	9.0	21.5
10 28	23 51.11	− 7 17.7	2.260	3.088	11.9	21.7

284525 2007 RP_{123} 9 26.4 4°.40 0°.8/25.8 18

8 19	0 37.21	+ 1 4.3	1.510	2.355	17.0	20.7
8 29	0 33.80	+ 0 51.5	1.439	2.355	13.3	20.4
9 8	0 27.87	+ 0 26.1	1.387	2.355	8.9	20.2
9 18	0 20.02	− 0 8.2	1.359	2.356	4.0	19.9
9 28	0 11.25	− 0 45.3	1.356	2.357	1.4	19.7
10 8	0 2.77	− 1 18.5	1.379	2.359	6.2	20.0
10 18	23 55.68	− 1 41.8	1.428	2.362	10.8	20.3
10 28	23 50.85	− 1 51.0	1.498	2.365	14.8	20.6

151296 2002 CQ_{46} 9 26.4 121°.03 0°.4/25.7 18

8 19	0 33.82	+ 4 43.7	2.843	3.645	11.0	20.2
8 29	0 29.83	+ 3 35.3	2.770	3.662	8.5	20.0
9 8	0 24.51	+ 2 16.1	2.721	3.680	5.6	19.9
9 18	0 18.26	+ 0 49.8	2.701	3.697	2.5	19.7
9 28	0 11.61	− 0 38.5	2.712	3.713	0.9	19.6
10 8	0 5.17	− 2 3.4	2.754	3.729	3.9	19.8
10 18	23 59.47	− 3 20.1	2.826	3.744	6.8	20.0
10 28	23 54.98	− 4 24.6	2.925	3.759	9.3	20.2

479713 2014 DW_{127} 9 26.4 306°.84 3°.3/28.9 18

8 19	0 41.37	+ 9 27.0	1.738	2.537	17.0	21.0
8 29	0 36.91	+10 0.7	1.651	2.532	13.9	20.8
9 8	0 29.95	+10 19.4	1.585	2.528	10.1	20.6
9 18	0 21.02	+10 22.5	1.542	2.524	6.1	20.3
9 28	0 11.05	+10 11.7	1.525	2.520	3.3	20.1
10 8	0 1.20	+ 9 51.0	1.535	2.516	5.5	20.3
10 18	23 52.59	+ 9 26.0	1.572	2.513	9.5	20.5
10 28	23 46.17	+ 9 3.0	1.633	2.509	13.3	20.7

199523 2006 DM_{150} 9 26.4 247°.69 1°.7/27.9 18

8 19	0 38.22	+ 7 49.2	1.851	2.658	15.8	20.5
8 29	0 34.27	+ 7 44.9	1.761	2.651	12.7	20.3
9 8	0 28.07	+ 7 24.7	1.692	2.644	9.0	20.1
9 18	0 20.11	+ 6 50.2	1.648	2.637	4.8	19.8
9 28	0 11.23	+ 6 4.9	1.630	2.630	1.7	19.6
10 8	0 2.47	+ 5 14.9	1.639	2.622	4.9	19.8
10 18	23 54.83	+ 4 26.5	1.676	2.615	9.1	20.0
10 28	23 49.14	+ 3 46.0	1.737	2.607	12.9	20.2

127342 2002 JU_{118} 9 26.4 42°.43 8°.0/17.7 18

8 19	0 35.35	−18 17.4	1.832	2.693	13.7	18.7
8 29	0 31.77	−19 48.9	1.793	2.709	11.1	18.5
9 8	0 26.14	−21 15.5	1.777	2.725	8.9	18.4
9 18	0 19.08	−22 28.5	1.786	2.742	8.0	18.4
9 28	0 11.47	−23 20.2	1.820	2.759	9.0	18.5
10 8	0 4.30	−23 46.3	1.878	2.776	11.0	18.7
10 18	23 58.38	−23 45.5	1.960	2.794	13.4	18.9
10 28	23 54.36	−23 19.7	2.061	2.812	15.5	19.1

102878 1999 WZ_{14} 9 26.4 18°.36 3°.7/24.3 18

8 19	0 40.16	− 5 17.0	1.061	1.937	20.3	18.7
8 29	0 36.89	− 5 28.9	1.008	1.942	15.8	18.4
9 8	0 30.30	− 5 48.7	0.974	1.949	10.6	18.2
9 18	0 21.21	− 6 9.6	0.960	1.956	5.4	17.9
9 28	0 11.06	− 6 23.4	0.969	1.965	4.4	17.9
10 8	0 1.53	− 6 23.1	1.001	1.975	9.0	18.2
10 18	23 54.06	− 6 4.9	1.055	1.986	14.1	18.5
10 28	23 49.62	− 5 27.7	1.128	1.998	18.4	18.8

81802 2000 KN_6 9 26.4 128°.09 0°.0/26.4 18 R

8 19	0 36.20	+ 4 26.1	2.149	2.963	13.7	20.2
8 29	0 32.20	+ 3 54.2	2.072	2.970	10.7	20.0
9 8	0 26.38	+ 3 9.7	2.018	2.977	7.2	19.8
9 18	0 19.22	+ 2 15.8	1.989	2.984	3.4	19.6
9 28	0 11.45	+ 1 17.6	1.989	2.991	0.6	19.4
10 8	0 3.90	+ 0 20.7	2.017	2.997	4.6	19.7
10 18	23 57.34	− 0 29.4	2.074	3.003	8.2	19.9
10 28	23 52.42	− 1 8.3	2.155	3.009	11.4	20.2

448720 2011 BE_{19} 9 26.4 269°.47 10°.8/11.4 18

8 19	0 43.89	−36 23.0	2.538	3.333	12.3	20.9
8 29	0 38.23	−37 34.5	2.482	3.317	11.3	20.8
9 8	0 30.44	−38 32.1	2.448	3.301	10.8	20.7
9 18	0 21.10	−39 8.4	2.436	3.285	10.9	20.7
9 28	0 11.09	−39 17.9	2.448	3.268	11.7	20.7
10 8	0 1.41	−38 58.1	2.482	3.252	12.9	20.8
10 18	23 52.96	−38 9.6	2.536	3.235	14.2	20.9
10 28	23 46.46	−36 55.5	2.608	3.218	15.6	21.0

12004 1996 JW_1 9 26.4 352°.77 0°.1/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 33.35	+ 3 36.8	1.965	2.793	14.3	17.6
8 29	0 30.25	+ 3 13.4	1.884	2.790	11.2	17.4
9 8	0 25.22	+ 2 37.3	1.825	2.787	7.5	17.2
9 18	0 18.74	+ 1 51.6	1.790	2.785	3.5	16.9
9 28	0 11.54	+ 1 1.2	1.782	2.783	0.7	16.7
10 8	0 4.52	+ 0 12.1	1.802	2.782	4.9	17.0
10 18	23 58.49	− 0 30.2	1.848	2.781	8.8	17.3
10 28	23 54.16	− 1 1.0	1.919	2.781	12.3	17.5

232123 2002 AR_{50} 9 26.4 295°.23 3°.6/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 36.93	+11 28.1	1.625	2.429	17.8	20.8
8 29	0 33.78	+11 41.1	1.528	2.411	14.7	20.6
9 8	0 28.08	+11 34.5	1.450	2.393	10.9	20.3
9 18	0 20.26	+11 7.7	1.393	2.375	6.7	20.0
9 28	0 11.23	+10 23.0	1.362	2.357	3.6	19.8
10 8	0 2.15	+ 9 26.2	1.357	2.340	5.7	19.9
10 18	23 54.26	+ 8 25.3	1.377	2.322	10.1	20.1
10 28	23 48.58	+ 7 28.9	1.421	2.305	14.4	20.3

404582 2013 LW_4 9 26.4 143°.83 3°.2/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 35.51	− 7 14.7	2.568	3.405	11.1	21.7
8 29	0 31.34	− 8 4.0	2.498	3.411	8.5	21.5
9 8	0 25.63	− 8 56.9	2.452	3.417	5.7	21.4
9 18	0 18.83	− 9 49.0	2.433	3.422	3.5	21.2
9 28	0 11.54	−10 35.2	2.443	3.428	3.7	21.3
10 8	0 4.46	−11 11.2	2.482	3.433	6.0	21.4
10 18	23 58.21	−11 34.1	2.548	3.438	8.7	21.6
10 28	23 53.33	−11 42.1	2.639	3.442	11.1	21.8

217173 2002 QA_{125} 9 26.4 67°.32 4°.8/22.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 38.01	− 5 20.9	1.368	2.231	17.4	20.7
8 29	0 34.50	− 6 36.9	1.314	2.242	13.3	20.5
9 8	0 28.33	− 8 2.3	1.280	2.252	9.0	20.3
9 18	0 20.22	− 9 28.0	1.271	2.263	5.3	20.1
9 28	0 11.28	−10 43.2	1.286	2.274	5.6	20.2
10 8	0 2.83	−11 38.9	1.327	2.285	9.3	20.4
10 18	23 55.98	−12 10.1	1.391	2.296	13.4	20.7
10 28	23 51.56	−12 15.1	1.475	2.307	17.0	21.0

402513 2006 DN_{121} 9 26.4 207°.13 3°.5/30.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 42.29	+13 35.8	2.918	3.658	12.1	21.2
8 29	0 36.59	+14 11.3	2.814	3.653	10.1	21.0
9 8	0 29.22	+14 35.6	2.733	3.648	7.7	20.8
9 18	0 20.56	+14 48.0	2.678	3.643	5.2	20.7
9 28	0 11.21	+14 48.9	2.653	3.637	3.5	20.6
10 8	0 1.88	+14 40.2	2.659	3.631	4.3	20.6
10 18	23 53.29	+14 24.9	2.694	3.624	6.6	20.7
10 28	23 46.06	+14 6.9	2.758	3.617	9.0	20.9

511351 2014 EH_{52} 9 26.4 119°.39 1°.1/27.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 38.37	+ 6 30.8	1.948	2.756	15.1	21.7
8 29	0 34.12	+ 6 22.3	1.870	2.762	12.0	21.5
9 8	0 27.80	+ 5 59.7	1.814	2.767	8.3	21.3
9 18	0 19.93	+ 5 25.1	1.782	2.773	4.3	21.0
9 28	0 11.34	+ 4 42.5	1.777	2.778	1.2	20.8
10 8	0 2.97	+ 3 57.6	1.800	2.783	4.7	21.1
10 18	23 55.72	+ 3 16.0	1.851	2.788	8.6	21.4
10 28	23 50.33	+ 2 42.8	1.927	2.793	12.1	21.6

346979 2010 CB_{69} 9 26.4 199°.99 1°.2/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 39.44	+ 7 19.0	2.364	3.154	13.3	22.4
8 29	0 34.67	+ 7 7.2	2.270	3.150	10.6	22.2
9 8	0 28.05	+ 6 42.6	2.197	3.146	7.4	22.0
9 18	0 20.04	+ 6 6.9	2.151	3.140	3.9	21.8
9 28	0 11.31	+ 5 23.4	2.134	3.134	1.2	21.6
10 8	0 2.69	+ 4 36.6	2.146	3.127	4.1	21.8
10 18	23 54.96	+ 3 51.7	2.187	3.120	7.7	22.0
10 28	23 48.80	+ 3 13.4	2.255	3.112	10.9	22.2

252888 2002 JV_{83} 9 26.4 152°.17 2°.2/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 34.32	+12 10.8	2.682	3.453	12.4	21.5
8 29	0 30.43	+11 50.4	2.595	3.459	10.0	21.3
9 8	0 25.06	+11 15.7	2.530	3.464	7.3	21.1
9 18	0 18.59	+10 28.2	2.490	3.469	4.4	21.0
9 28	0 11.60	+ 9 30.7	2.479	3.474	2.2	20.8
10 8	0 4.76	+ 8 27.7	2.497	3.479	3.6	20.9
10 18	23 58.70	+ 7 24.3	2.545	3.483	6.5	21.1
10 28	23 53.95	+ 6 25.6	2.620	3.487	9.2	21.3

255157 2005 UN_{183} 9 26.4 154°.79 1°.0/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 36.19	+ 0 18.6	2.288	3.112	12.7	20.9
8 29	0 32.10	− 0 9.4	2.209	3.114	9.8	20.7
9 8	0 26.28	− 0 46.3	2.152	3.116	6.5	20.5
9 18	0 19.19	− 1 28.6	2.122	3.118	2.9	20.3
9 28	0 11.49	− 2 11.8	2.120	3.120	1.5	20.2
10 8	0 3.98	− 2 51.0	2.147	3.121	4.9	20.4
10 18	23 57.38	− 3 21.9	2.201	3.123	8.3	20.7
10 28	23 52.32	− 3 41.3	2.281	3.124	11.3	20.9

473630 2015 XX_{308} 9 26.4 341°.69 3°.5/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 34.97	− 6 14.1	1.916	2.767	13.7	20.7
8 29	0 31.55	− 6 54.1	1.840	2.760	10.6	20.5
9 8	0 26.12	− 7 39.9	1.786	2.755	7.1	20.3
9 18	0 19.17	− 8 26.2	1.757	2.749	4.1	20.1
9 28	0 11.49	− 9 6.7	1.755	2.745	4.1	20.1
10 8	0 4.00	− 9 35.5	1.780	2.740	7.2	20.3
10 18	23 57.59	− 9 48.9	1.830	2.736	10.6	20.5
10 28	23 52.95	− 9 44.8	1.904	2.733	13.8	20.7

295634 2008 SJ_{253} 9 26.4 335°.52 3°.2/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 32.99	+16 42.0	3.986	4.710	9.4	19.7
8 29	0 28.99	+17 6.9	3.882	4.706	7.8	19.6
9 8	0 23.91	+17 22.2	3.802	4.702	6.1	19.4
9 18	0 18.02	+17 27.5	3.747	4.698	4.4	19.3
9 28	0 11.72	+17 23.4	3.720	4.694	3.3	19.2
10 8	0 5.45	+17 11.5	3.723	4.690	3.5	19.2
10 18	23 59.64	+16 53.9	3.756	4.686	4.9	19.3
10 28	23 54.71	+16 33.4	3.816	4.682	6.6	19.5

371545 2006 UK_{304} 9 26.4 288°.22 1°.1/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 38.76	+ 1 16.1	1.453	2.297	17.6	21.6
8 29	0 35.45	+ 0 54.8	1.362	2.277	13.9	21.4
9 8	0 29.34	+ 0 18.4	1.290	2.258	9.4	21.0
9 18	0 20.91	− 0 29.2	1.241	2.238	4.3	20.7
9 28	0 11.13	− 1 21.5	1.217	2.218	1.7	20.5
10 8	0 1.35	− 2 10.1	1.219	2.198	7.0	20.8
10 18	23 52.91	− 2 47.3	1.245	2.178	12.2	21.0
10 28	23 46.93	− 3 7.0	1.294	2.158	16.8	21.2

387608 2002 EZ_{22} 9 26.4 104°.67 2°.7/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 27.22	−11 4.4	4.459	5.297	6.7	20.3
8 29	0 24.40	−12 3.8	4.386	5.298	5.1	20.2
9 8	0 20.76	−13 4.2	4.340	5.299	3.7	20.1
9 18	0 16.52	−14 2.6	4.322	5.300	2.8	20.0
9 28	0 12.01	−14 56.0	4.335	5.301	3.2	20.0
10 8	0 7.58	−15 41.6	4.377	5.302	4.5	20.1
10 18	0 3.54	−16 17.7	4.446	5.303	6.0	20.2
10 28	0 0.21	−16 42.9	4.541	5.304	7.4	20.3

353632 2011 UW_{71} 9 26.4 337°.12 0°.6/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 36.99	+ 4 28.9	1.769	2.594	15.7	20.5
8 29	0 33.35	+ 4 24.0	1.687	2.589	12.5	20.2
9 8	0 27.47	+ 4 5.7	1.625	2.585	8.5	20.0
9 18	0 19.85	+ 3 36.1	1.588	2.582	4.2	19.7
9 28	0 11.37	+ 2 59.6	1.577	2.578	0.8	19.5
10 8	0 3.05	+ 2 22.0	1.593	2.575	5.1	19.8
10 18	23 55.90	+ 1 49.2	1.635	2.572	9.5	20.0
10 28	23 50.73	+ 1 26.2	1.702	2.570	13.2	20.3

395893 2013 AE_{46} 9 26.4 206°.73 1°.9/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 36.50	− 1 33.0	1.999	2.834	13.8	21.1
8 29	0 32.63	− 2 10.7	1.921	2.834	10.6	20.9
9 8	0 26.78	− 2 57.6	1.867	2.834	7.0	20.6
9 18	0 19.47	− 3 49.2	1.837	2.833	3.3	20.4
9 28	0 11.46	− 4 39.7	1.836	2.833	2.4	20.3
10 8	0 3.65	− 5 23.1	1.862	2.832	5.9	20.6
10 18	23 56.89	− 5 54.6	1.915	2.832	9.6	20.8
10 28	23 51.88	− 6 11.2	1.992	2.831	12.8	21.0

513094 2017 WQ_{22} 9 26.4 334°.62 9°.8/19.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 41.05	−17 11.6	1.276	2.148	17.8	20.6
8 29	0 37.34	−18 33.3	1.220	2.144	14.5	20.4
9 8	0 30.53	−19 52.1	1.183	2.140	11.4	20.2
9 18	0 21.35	−20 56.0	1.169	2.137	9.8	20.1
9 28	0 11.10	−21 33.5	1.177	2.133	10.9	20.2
10 8	0 1.33	−21 37.7	1.208	2.131	13.8	20.3
10 18	23 53.40	−21 7.2	1.260	2.128	17.2	20.5
10 28	23 48.30	−20 5.6	1.330	2.126	20.4	20.8

155070 2005 SB_{69} 9 26.4 298°.97 1°.4/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 34.77	+ 8 30.6	1.536	2.360	17.7	20.1
8 29	0 32.06	+ 8 2.8	1.450	2.351	14.2	19.9
9 8	0 26.85	+ 7 13.3	1.384	2.341	10.0	19.6
9 18	0 19.66	+ 6 4.5	1.340	2.331	5.2	19.3
9 28	0 11.41	+ 4 42.3	1.321	2.322	1.4	19.0
10 8	0 3.28	+ 3 16.0	1.329	2.313	5.6	19.3
10 18	23 56.42	+ 1 55.1	1.362	2.304	10.5	19.5
10 28	23 51.78	+ 0 48.4	1.418	2.295	14.9	19.8

325472 2009 QX_{59} 9 26.4 13°.34 0°.8/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 32.16	+ 3 15.8	2.021	2.850	13.9	20.6
8 29	0 29.25	+ 2 22.4	1.943	2.852	10.8	20.4
9 8	0 24.51	+ 1 15.2	1.888	2.853	7.1	20.2
9 18	0 18.41	− 0 1.2	1.859	2.855	3.2	19.9
9 28	0 11.67	− 1 20.7	1.857	2.857	1.3	19.8
10 8	0 5.12	− 2 36.0	1.883	2.860	5.2	20.1
10 18	23 59.54	− 3 40.8	1.936	2.863	9.0	20.3
10 28	23 55.58	− 4 30.3	2.014	2.866	12.2	20.5

73271 2002 JH_{51} 9 26.4 111°.68 2°.5/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 42.86	− 2 29.2	1.501	2.345	17.1	19.4
8 29	0 38.10	− 2 59.6	1.438	2.354	13.3	19.2
9 8	0 30.70	− 3 39.9	1.395	2.363	8.8	19.0
9 18	0 21.34	− 4 24.5	1.376	2.372	4.2	18.7
9 28	0 11.14	− 5 6.0	1.384	2.381	3.1	18.7
10 8	0 1.36	− 5 37.6	1.418	2.389	7.3	19.0
10 18	23 53.17	− 5 54.2	1.477	2.397	11.6	19.3
10 28	23 47.40	− 5 53.2	1.559	2.405	15.4	19.5

161003 2002 DA_2 9 26.4 241°.34 6°.1/10.5 18

8 19	0 30.06	−33 29.6	4.532	5.336	7.2	19.7
8 29	0 26.70	−34 35.1	4.489	5.334	6.5	19.7
9 8	0 22.34	−35 33.1	4.471	5.332	6.2	19.7
9 18	0 17.28	−36 20.3	4.479	5.330	6.3	19.7
9 28	0 11.90	−36 53.8	4.511	5.328	6.8	19.7
10 8	0 6.63	−37 11.9	4.567	5.325	7.6	19.8
10 18	0 1.85	−37 14.2	4.644	5.323	8.4	19.8
10 28	23 57.94	−37 1.2	4.740	5.321	9.2	19.9

225308 1996 HH 9 26.4 199°.93 1°.6/24.9 18

8 19	0 39.73	− 0 13.0	1.956	2.783	14.4	21.6
8 29	0 35.23	− 0 51.9	1.873	2.780	11.2	21.4
9 8	0 28.61	− 1 41.5	1.812	2.777	7.4	21.1
9 18	0 20.37	− 2 37.6	1.777	2.773	3.4	20.9
9 28	0 11.32	− 3 34.2	1.769	2.768	2.1	20.8
10 8	0 2.45	− 4 24.8	1.791	2.763	5.9	21.0
10 18	23 54.68	− 5 3.8	1.839	2.757	9.9	21.3
10 28	23 48.78	− 5 27.6	1.912	2.751	13.3	21.5

228108 2008 SU_{277} 9 26.4 284°.64 0°.3/27.0 18

8 19	0 28.23	+ 4 48.1	4.352	5.147	7.6	20.5
8 29	0 25.21	+ 4 29.9	4.253	5.140	5.9	20.4
9 8	0 21.33	+ 4 5.6	4.180	5.133	4.0	20.2
9 18	0 16.82	+ 3 36.4	4.134	5.126	2.0	20.1
9 28	0 12.01	+ 3 4.4	4.117	5.119	0.4	19.9
10 8	0 7.26	+ 2 31.9	4.132	5.112	2.4	20.1
10 18	0 2.90	+ 2 1.2	4.175	5.105	4.4	20.2
10 28	23 59.26	+ 1 34.5	4.247	5.098	6.3	20.4

410988 2009 US_{24} 9 26.4 255°.20 3°.7/22.3 18

8 19	0 37.64	− 9 53.6	2.476	3.314	11.4	20.9
8 29	0 33.13	−10 26.4	2.396	3.308	8.8	20.7
9 8	0 26.94	−11 1.0	2.339	3.302	6.1	20.5
9 18	0 19.52	−11 33.0	2.310	3.296	4.0	20.4
9 28	0 11.51	−11 57.6	2.309	3.290	4.2	20.4
10 8	0 3.66	−12 10.9	2.336	3.283	6.6	20.5
10 18	23 56.69	−12 10.5	2.390	3.277	9.3	20.7
10 28	23 51.20	−11 55.3	2.469	3.271	11.8	20.9

507228 2010 YF_1 9 26.4 196°.18 0°.3/26.7 17

8 19	0 39.79	+ 5 17.2	2.077	2.883	14.4	23.0
8 29	0 35.20	+ 4 46.2	1.988	2.880	11.3	22.8
9 8	0 28.55	+ 4 1.1	1.920	2.877	7.7	22.6
9 18	0 20.35	+ 3 4.7	1.879	2.872	3.7	22.3
9 28	0 11.35	+ 2 2.0	1.865	2.867	0.6	22.1
10 8	0 2.49	+ 0 59.2	1.881	2.861	4.8	22.4
10 18	23 54.67	+ 0 2.5	1.926	2.855	8.8	22.6
10 28	23 48.63	− 0 42.7	1.995	2.847	12.3	22.8

290963 2005 WE_{191} 9 26.4 339°.96 6°.5/19.5 18

8 19	0 34.59	−13 32.4	1.836	2.698	13.7	20.2
8 29	0 31.40	−14 47.4	1.770	2.692	10.8	20.0
9 8	0 26.09	−16 3.6	1.726	2.687	8.1	19.8
9 18	0 19.20	−17 13.0	1.708	2.682	6.6	19.7
9 28	0 11.58	−18 7.2	1.715	2.677	7.4	19.7
10 8	0 4.18	−18 40.3	1.747	2.673	9.9	19.9
10 18	23 57.94	−18 49.2	1.803	2.670	12.9	20.1
10 28	23 53.57	−18 33.7	1.880	2.666	15.6	20.3

44047 1998 FL_2 9 26.4 8°.55 3°.6/22.7 17

8 19	0 26.95	+ 9 45.9	0.893	1.766	23.6	18.1
8 29	0 27.17	+ 6 25.2	0.831	1.766	18.2	17.8
9 8	0 24.15	+ 2 11.3	0.788	1.766	11.7	17.4
9 18	0 18.55	− 2 38.0	0.768	1.768	5.1	17.1
9 28	0 11.69	− 7 31.2	0.774	1.770	5.5	17.1
10 8	0 5.24	−11 53.4	0.805	1.773	12.0	17.5
10 18	0 0.67	−15 20.3	0.859	1.776	18.1	17.9
10 28	23 59.04	−17 42.6	0.931	1.780	23.1	18.2

265438 2004 XN_2 9 26.4 343°.48 0°.0/26.4 18

8 19	0 35.74	+ 2 37.3	1.913	2.741	14.6	20.0
8 29	0 32.22	+ 2 32.0	1.829	2.735	11.5	19.8
9 8	0 26.64	+ 2 15.6	1.766	2.729	7.8	19.6
9 18	0 19.48	+ 1 50.5	1.729	2.724	3.7	19.3
9 28	0 11.53	+ 1 21.0	1.717	2.719	0.7	19.1
10 8	0 3.73	+ 0 52.2	1.734	2.715	5.0	19.4
10 18	23 56.97	+ 0 29.1	1.777	2.711	9.0	19.6
10 28	23 52.03	+ 0 15.7	1.844	2.708	12.6	19.8

118248 1997 TS_{19} 9 26.4 176°.73 1°.2/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 38.99	+ 7 50.3	2.084	2.882	14.6	20.9
8 29	0 34.53	+ 7 28.4	1.999	2.884	11.6	20.7
9 8	0 28.08	+ 6 51.2	1.935	2.886	8.1	20.5
9 18	0 20.11	+ 6 1.1	1.897	2.887	4.2	20.3
9 28	0 11.41	+ 5 2.2	1.886	2.887	1.2	20.1
10 8	0 2.89	+ 4 0.5	1.905	2.887	4.5	20.3
10 18	23 55.41	+ 3 2.2	1.952	2.886	8.3	20.5
10 28	23 49.69	+ 2 12.9	2.024	2.885	11.8	20.7

98984 2001 DK_{25} 9 26.4 126°.93 3°.3/29.9 18

8 19	0 39.71	+12 17.6	2.479	3.242	13.5	19.7
8 29	0 34.79	+12 43.6	2.392	3.248	11.0	19.5
9 8	0 28.10	+12 56.6	2.326	3.253	8.2	19.4
9 18	0 20.09	+12 56.5	2.286	3.259	5.3	19.2
9 28	0 11.42	+12 44.4	2.274	3.264	3.3	19.1
10 8	0 2.89	+12 23.4	2.291	3.269	4.4	19.2
10 18	23 55.25	+11 57.5	2.337	3.274	7.1	19.3
10 28	23 49.15	+11 31.2	2.410	3.278	9.9	19.5

154175 2002 GS_{99} 9 26.4 46°.14 0°.0/26.4 18

8 19	0 32.60	+ 5 40.3	2.022	2.843	14.2	19.5
8 29	0 29.56	+ 4 49.2	1.949	2.850	11.1	19.3
9 8	0 24.70	+ 3 43.0	1.898	2.858	7.5	19.1
9 18	0 18.52	+ 2 25.7	1.871	2.866	3.5	18.9
9 28	0 11.73	+ 1 3.4	1.873	2.875	0.7	18.7
10 8	0 5.17	− 0 16.6	1.903	2.883	4.8	19.0
10 18	23 59.60	− 1 27.8	1.961	2.892	8.5	19.3
10 28	23 55.66	− 2 24.9	2.043	2.901	11.8	19.5

453564 2010 BV_{25} 9 26.4 285°.60 11°.7/10.2 18

8 19	0 43.88	−38 18.5	2.396	3.188	13.1	20.6
8 29	0 38.40	−39 34.6	2.348	3.175	12.2	20.5
9 8	0 30.65	−40 34.8	2.320	3.162	11.7	20.4
9 18	0 21.28	−41 11.4	2.314	3.149	11.9	20.4
9 28	0 11.22	−41 18.7	2.331	3.136	12.7	20.5
10 8	0 1.55	−40 54.3	2.368	3.122	13.8	20.5
10 18	23 53.24	−39 59.6	2.424	3.109	15.1	20.6
10 28	23 47.02	−38 38.1	2.497	3.096	16.4	20.7

481580 2007 TR_{130} 9 26.4 317°.11 2°.4/28.8 18

8 19	0 30.37	+12 15.1	1.584	2.399	17.7	20.9
8 29	0 28.68	+11 38.5	1.486	2.377	14.5	20.7
9 8	0 24.65	+10 35.5	1.406	2.357	10.5	20.4
9 18	0 18.71	+ 9 7.3	1.349	2.336	6.1	20.1
9 28	0 11.67	+ 7 19.3	1.317	2.316	2.4	19.8
10 8	0 4.65	+ 5 21.4	1.311	2.297	5.4	19.9
10 18	23 58.75	+ 3 25.2	1.331	2.278	10.2	20.2
10 28	23 54.92	+ 1 42.0	1.375	2.260	14.7	20.4

357325 2003 JL 9 26.4 173°.58 2°.8/23.3 18

8 19	0 38.15	− 6 19.7	2.457	3.289	11.6	21.6
8 29	0 33.49	− 6 53.8	2.380	3.290	9.0	21.5
9 8	0 27.17	− 7 32.0	2.327	3.292	6.0	21.3
9 18	0 19.63	− 8 10.1	2.302	3.293	3.4	21.1
9 28	0 11.53	− 8 43.5	2.305	3.294	3.3	21.1
10 8	0 3.63	− 9 7.8	2.337	3.295	5.9	21.3
10 18	23 56.63	− 9 20.3	2.396	3.295	8.8	21.5
10 28	23 51.11	− 9 19.0	2.481	3.295	11.4	21.7

8388 1993 FO_6 9 26.4 331°.85 1°.6/24.9 18

8 19	0 35.78	− 0 42.9	1.952	2.789	14.0	17.6
8 29	0 32.17	− 1 14.2	1.873	2.786	10.9	17.4
9 8	0 26.55	− 1 55.2	1.815	2.782	7.2	17.1
9 18	0 19.43	− 2 42.0	1.783	2.779	3.3	16.9
9 28	0 11.57	− 3 28.8	1.778	2.777	2.1	16.8
10 8	0 3.90	− 4 9.7	1.800	2.774	5.8	17.1
10 18	23 57.27	− 4 39.9	1.849	2.771	9.6	17.3
10 28	23 52.40	− 4 55.7	1.922	2.769	12.9	17.5

264032 2009 QX_{31} 9 26.4 33°.88 3°.4/23.3 18

8 19	0 36.62	− 5 54.3	1.825	2.675	14.3	19.9
8 29	0 32.79	− 6 31.2	1.765	2.685	11.0	19.7
9 8	0 26.91	− 7 13.6	1.727	2.696	7.3	19.5
9 18	0 19.55	− 7 55.9	1.714	2.707	4.1	19.3
9 28	0 11.58	− 8 31.9	1.727	2.718	3.9	19.3
10 8	0 3.95	− 8 56.3	1.768	2.730	7.0	19.5
10 18	23 57.53	− 9 5.6	1.834	2.743	10.5	19.8
10 28	23 52.97	− 8 58.2	1.923	2.755	13.6	20.0

514529 2016 XB_{11} 9 26.4 232°.24 0°.1/26.5 18

8 19	0 37.70	+ 3 32.8	2.045	2.862	14.2	21.6
8 29	0 33.60	+ 3 17.9	1.960	2.859	11.1	21.4
9 8	0 27.50	+ 2 51.2	1.896	2.856	7.6	21.2
9 18	0 19.88	+ 2 15.4	1.858	2.852	3.6	21.0
9 28	0 11.51	+ 1 34.7	1.847	2.849	0.6	20.7
10 8	0 3.28	+ 0 54.5	1.864	2.845	4.8	21.0
10 18	23 56.08	+ 0 19.9	1.909	2.841	8.7	21.3
10 28	23 50.61	− 0 4.7	1.979	2.837	12.1	21.5

484927 2009 SD_{110} 9 26.4 358°.97 3°.6/28.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 42.11	+ 7 46.3	1.685	2.492	17.2	19.9
8 29	0 37.57	+ 8 49.7	1.603	2.489	14.0	19.7
9 8	0 30.48	+ 9 41.2	1.541	2.487	10.2	19.5
9 18	0 21.38	+10 19.7	1.503	2.486	6.2	19.2
9 28	0 11.22	+10 45.2	1.491	2.486	3.6	19.1
10 8	0 1.21	+11 0.0	1.506	2.487	5.7	19.2
10 18	23 52.49	+11 7.9	1.547	2.489	9.5	19.5
10 28	23 46.03	+11 14.1	1.613	2.491	13.3	19.7

365651 2010 VL_{25} 9 26.4 11°.31 2°.1/24.4 18

8 19	0 35.38	− 2 12.0	1.919	2.761	14.0	20.6
8 29	0 31.85	− 2 44.5	1.846	2.762	10.8	20.4
9 8	0 26.32	− 3 25.6	1.796	2.764	7.2	20.2
9 18	0 19.31	− 4 10.7	1.770	2.766	3.4	20.0
9 28	0 11.63	− 4 54.0	1.771	2.769	2.6	19.9
10 8	0 4.17	− 5 29.8	1.800	2.771	6.0	20.2
10 18	23 57.80	− 5 53.5	1.856	2.775	9.7	20.4
10 28	23 53.20	− 6 2.4	1.934	2.778	13.0	20.6

404511 2013 HY_{51} 9 26.4 204°.18 0°.5/26.9 18

8 19	0 36.90	+ 4 35.4	2.266	3.075	13.2	22.1
8 29	0 32.76	+ 4 25.3	2.180	3.074	10.4	21.9
9 8	0 26.82	+ 4 4.1	2.117	3.073	7.1	21.7
9 18	0 19.54	+ 3 33.9	2.079	3.072	3.5	21.5
9 28	0 11.59	+ 2 58.4	2.069	3.071	0.6	21.2
10 8	0 3.79	+ 2 22.1	2.088	3.069	4.3	21.5
10 18	23 56.90	+ 1 49.5	2.135	3.068	7.8	21.7
10 28	23 51.58	+ 1 24.9	2.208	3.067	11.0	21.9

365629 2010 UO_{59} 9 26.4 124°.52 4°.0/ 1.2 18

8 19	0 35.04	+16 25.1	2.372	3.126	14.2	20.9
8 29	0 31.33	+16 29.2	2.283	3.129	11.9	20.7
9 8	0 25.87	+16 15.9	2.214	3.131	9.1	20.5
9 18	0 19.10	+15 45.3	2.169	3.133	6.2	20.3
9 28	0 11.69	+14 59.4	2.151	3.135	4.2	20.2
10 8	0 4.40	+14 2.3	2.161	3.137	4.7	20.3
10 18	23 57.99	+12 59.6	2.199	3.139	7.2	20.4
10 28	23 53.10	+11 57.5	2.264	3.141	10.0	20.6

288967 2004 TX_{28} 9 26.4 357°.88 0°.4/26.0 18

8 19	0 34.19	+ 3 9.7	2.182	3.004	13.3	20.7
8 29	0 30.72	+ 2 36.2	2.101	3.003	10.3	20.5
9 8	0 25.48	+ 1 51.0	2.041	3.003	6.9	20.3
9 18	0 18.92	+ 0 57.4	2.008	3.003	3.2	20.0
9 28	0 11.73	+ 0 0.3	2.002	3.003	0.9	19.8
10 8	0 4.70	− 0 54.6	2.025	3.003	4.7	20.1
10 18	23 58.58	− 1 42.0	2.075	3.003	8.3	20.3
10 28	23 54.02	− 2 17.7	2.150	3.003	11.5	20.6

487984 2015 TZ_{321} 9 26.4 254°.12 6°.2/ 4.4 18

8 19	0 35.52	+24 16.1	2.625	3.321	14.3	21.2
8 29	0 31.76	+24 38.7	2.517	3.308	12.5	21.0
9 8	0 26.23	+24 42.7	2.428	3.296	10.4	20.9
9 18	0 19.31	+24 26.0	2.361	3.283	8.2	20.7
9 28	0 11.64	+23 48.8	2.319	3.270	6.6	20.6
10 8	0 3.97	+22 53.5	2.305	3.257	6.3	20.6
10 18	23 57.08	+21 44.8	2.318	3.244	7.7	20.6
10 28	23 51.64	+20 29.2	2.357	3.230	9.9	20.7

181595 2006 VE_{168} 9 26.4 162°.37 0°.5/25.9 17

8 19	0 39.82	+ 3 17.7	1.784	2.606	15.7	21.7
8 29	0 35.47	+ 2 41.9	1.708	2.611	12.3	21.5
9 8	0 28.86	+ 1 51.7	1.653	2.615	8.3	21.3
9 18	0 20.54	+ 0 51.3	1.623	2.618	3.8	21.0
9 28	0 11.43	− 0 13.3	1.620	2.621	1.1	20.8
10 8	0 2.56	− 1 14.6	1.645	2.624	5.6	21.1
10 18	23 54.94	− 2 6.2	1.698	2.626	9.9	21.4
10 28	23 49.34	− 2 42.9	1.774	2.627	13.6	21.6

319709 2006 UU_{34} 9 26.4 173°.09 1°.2/25.4 17

8 19	0 41.39	+ 0 47.2	1.882	2.706	15.0	21.8
8 29	0 36.58	+ 0 14.9	1.804	2.709	11.7	21.6
9 8	0 29.55	− 0 28.8	1.748	2.712	7.8	21.3
9 18	0 20.86	− 1 19.7	1.717	2.713	3.5	21.1
9 28	0 11.37	− 2 12.1	1.715	2.715	1.7	21.0
10 8	0 2.13	− 2 59.5	1.741	2.715	5.8	21.2
10 18	23 54.08	− 3 36.4	1.794	2.715	9.8	21.5
10 28	23 48.02	− 3 58.8	1.871	2.715	13.4	21.7

224691 2006 BL_{12} 9 26.4 266°.99 0°.3/26.8 18

8 19	0 33.27	+ 6 4.2	2.435	3.241	12.5	20.6
8 29	0 29.94	+ 5 25.9	2.334	3.226	9.9	20.4
9 8	0 24.95	+ 4 34.1	2.255	3.211	6.8	20.2
9 18	0 18.69	+ 3 31.3	2.203	3.196	3.3	20.0
9 28	0 11.77	+ 2 22.0	2.179	3.181	0.5	19.7
10 8	0 4.89	+ 1 11.8	2.184	3.165	4.2	20.0
10 18	23 58.76	+ 0 6.3	2.218	3.149	7.7	20.2
10 28	23 54.03	− 0 49.3	2.278	3.133	10.9	20.3

397605 2007 VD_{155} 9 26.4 152°.63 0°.8/27.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 38.39	+ 5 23.2	2.040	2.850	14.5	21.7
8 29	0 34.11	+ 5 13.5	1.959	2.852	11.4	21.5
9 8	0 27.82	+ 4 51.0	1.899	2.855	7.9	21.3
9 18	0 20.03	+ 4 17.9	1.865	2.857	3.9	21.1
9 28	0 11.52	+ 3 38.2	1.858	2.859	0.8	20.9
10 8	0 3.21	+ 2 57.2	1.879	2.861	4.6	21.2
10 18	23 55.94	+ 2 20.0	1.928	2.863	8.4	21.4
10 28	23 50.44	+ 1 51.3	2.003	2.864	11.8	21.6

448538 2010 PO_{68} 9 26.4 317°.22 0°.2/26.5 17

8 19	0 41.25	+ 0 58.3	1.830	2.655	15.3	21.1
8 29	0 36.83	+ 1 20.9	1.731	2.635	12.1	20.8
9 8	0 29.99	+ 1 35.7	1.653	2.615	8.3	20.6
9 18	0 21.20	+ 1 44.1	1.600	2.595	4.0	20.3
9 28	0 11.29	+ 1 49.0	1.574	2.576	0.7	20.0
10 8	0 1.36	+ 1 54.0	1.576	2.557	5.4	20.3
10 18	23 52.53	+ 2 2.8	1.605	2.539	9.8	20.5
10 28	23 45.74	+ 2 18.9	1.658	2.521	13.8	20.7

374691 2006 QM_{184} 9 26.4 55°.70 3°.3/23.7 17

8 19	0 37.31	− 1 26.0	1.268	2.130	18.6	20.4
8 29	0 34.17	− 2 34.6	1.215	2.142	14.2	20.2
9 8	0 28.25	− 3 57.4	1.182	2.155	9.4	20.0
9 18	0 20.30	− 5 25.7	1.172	2.168	4.6	19.7
9 28	0 11.50	− 6 48.7	1.186	2.182	4.1	19.7
10 8	0 3.22	− 7 56.0	1.226	2.195	8.5	20.0
10 18	23 56.62	− 8 40.8	1.289	2.209	13.0	20.3
10 28	23 52.53	− 9 0.1	1.373	2.223	16.9	20.6

398007 2009 BE_{188} 9 26.4 178°.50 3°.1/30.0 18

8 19	0 37.46	+13 40.7	2.322	3.088	14.2	21.6
8 29	0 33.23	+13 37.4	2.231	3.089	11.7	21.4
9 8	0 27.16	+13 17.6	2.162	3.090	8.7	21.2
9 18	0 19.73	+12 41.9	2.117	3.091	5.5	21.0
9 28	0 11.60	+11 52.6	2.099	3.091	3.2	20.9
10 8	0 3.60	+10 54.6	2.110	3.090	4.4	21.0
10 18	23 56.52	+ 9 53.3	2.150	3.090	7.4	21.1
10 28	23 51.03	+ 8 55.0	2.217	3.088	10.4	21.3

322540 2011 YR_{29} 9 26.4 235°.73 1°.3/29.2 18

8 19	0 28.09	+10 21.8	4.556	5.323	7.7	20.8
8 29	0 25.09	+10 10.0	4.460	5.322	6.2	20.7
9 8	0 21.27	+ 9 50.6	4.387	5.322	4.5	20.5
9 18	0 16.85	+ 9 24.6	4.341	5.321	2.6	20.4
9 28	0 12.15	+ 8 53.4	4.324	5.320	1.3	20.3
10 8	0 7.51	+ 8 19.3	4.338	5.319	2.2	20.4
10 18	0 3.25	+ 7 44.5	4.381	5.319	4.0	20.5
10 28	23 59.69	+ 7 11.4	4.453	5.318	5.8	20.6

39846 1998 BB_{37} 9 26.4 36°.11 2°.8/28.3 18

8 19	0 38.86	+ 8 21.0	1.059	1.905	22.5	17.1
8 29	0 35.87	+ 8 36.6	1.010	1.921	18.0	16.9
9 8	0 29.65	+ 8 28.5	0.977	1.937	12.7	16.6
9 18	0 21.02	+ 7 58.4	0.964	1.955	7.0	16.4
9 28	0 11.39	+ 7 12.3	0.974	1.973	2.8	16.2
10 8	0 2.39	+ 6 19.7	1.007	1.993	6.5	16.5
10 18	23 55.41	+ 5 30.4	1.062	2.013	11.7	16.9
10 28	23 51.40	+ 4 53.1	1.139	2.034	16.3	17.2

249005 2007 PB_{9} 9 26.4 15°.60 5°.2/ 6.2 18

8 19	0 32.53	+27 20.5	4.016	4.664	10.3	19.5
8 29	0 28.77	+27 54.4	3.918	4.666	9.1	19.4
9 8	0 23.87	+28 15.4	3.840	4.669	7.8	19.3
9 18	0 18.11	+28 22.4	3.784	4.671	6.4	19.2
9 28	0 11.91	+28 15.4	3.755	4.674	5.5	19.2
10 8	0 5.75	+27 55.5	3.752	4.677	5.2	19.2
10 18	0 0.09	+27 25.0	3.777	4.680	5.7	19.2
10 28	23 55.36	+26 47.3	3.829	4.683	6.9	19.3

386750 2010 BB_{94} 9 26.4 92°.36 0°.1/26.3 18

8 19	0 31.88	+ 3 15.5	3.237	4.042	9.7	21.6
8 29	0 28.26	+ 2 47.2	3.163	4.056	7.5	21.5
9 8	0 23.48	+ 2 11.3	3.112	4.070	5.0	21.3
9 18	0 17.90	+ 1 30.1	3.089	4.084	2.3	21.2
9 28	0 11.97	+ 0 46.8	3.096	4.098	0.5	21.0
10 8	0 6.18	+ 0 4.7	3.133	4.111	3.2	21.3
10 18	0 1.02	− 0 32.9	3.199	4.125	5.8	21.5
10 28	23 56.88	− 1 3.2	3.292	4.138	8.1	21.6

468025 2013 MN_{6} 9 26.4 18°.64 14°.9/ 8.3 18

8 19	0 33.29	+24 53.5	0.804	1.620	30.4	19.2
8 29	0 32.73	+27 20.9	0.769	1.633	27.0	19.0
9 8	0 28.23	+29 5.4	0.745	1.650	23.1	18.8
9 18	0 20.58	+29 57.0	0.734	1.669	19.2	18.7
9 28	0 11.47	+29 51.3	0.739	1.691	16.1	18.7
10 8	0 3.02	+28 55.0	0.760	1.715	14.9	18.7
10 18	23 57.08	+27 22.7	0.800	1.741	15.9	18.9
10 28	23 54.83	+25 34.3	0.857	1.769	18.3	19.1

427700 2004 FJ_{32} 9 26.4 204°.34 10°.6/13.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 45.12	−29 30.6	2.158	2.979	13.4	21.4
8 29	0 39.47	−31 11.1	2.105	2.974	11.8	21.3
9 8	0 31.49	−32 40.7	2.074	2.967	10.8	21.2
9 18	0 21.77	−33 50.2	2.068	2.960	10.7	21.2
9 28	0 11.25	−34 32.1	2.086	2.952	11.7	21.3
10 8	0 1.06	−34 42.4	2.128	2.943	13.3	21.4
10 18	23 52.19	−34 21.2	2.190	2.933	15.1	21.5
10 28	23 45.44	−33 31.6	2.271	2.922	16.7	21.6

398800 2013 BZ 9 26.4 228°.02 2°.0/22.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 29.01	− 7 42.0	4.351	5.181	7.0	20.9
8 29	0 25.80	− 8 13.1	4.270	5.180	5.3	20.8
9 8	0 21.74	− 8 46.0	4.216	5.180	3.6	20.6
9 18	0 17.07	− 9 18.3	4.190	5.179	2.2	20.5
9 28	0 12.13	− 9 47.5	4.193	5.178	2.3	20.5
10 8	0 7.26	−10 11.3	4.227	5.177	3.8	20.7
10 18	0 2.81	−10 27.9	4.289	5.176	5.5	20.8
10 28	23 59.10	−10 36.1	4.377	5.176	7.1	20.9

30363 Dellasantina 9 26.4 127°.38 1°.8/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 40.01	− 0 24.4	1.840	2.671	15.0	19.0
8 29	0 35.43	− 1 10.6	1.773	2.683	11.5	18.8
9 8	0 28.72	− 2 7.6	1.729	2.695	7.6	18.6
9 18	0 20.45	− 3 10.1	1.710	2.706	3.5	18.4
9 28	0 11.50	− 4 11.5	1.719	2.717	2.4	18.3
10 8	0 2.90	− 5 5.1	1.756	2.728	6.1	18.6
10 18	23 55.53	− 5 45.3	1.820	2.738	10.0	18.8
10 28	23 50.12	− 6 9.0	1.908	2.747	13.4	19.1

20716 1999 XG_{91} 9 26.4 339°.91 6°.4/12.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 30.00	−28 48.7	3.796	4.620	8.0	18.2
8 29	0 26.84	−29 57.6	3.744	4.616	7.0	18.1
9 8	0 22.57	−30 59.9	3.718	4.611	6.4	18.1
9 18	0 17.49	−31 51.4	3.717	4.607	6.5	18.1
9 28	0 12.05	−32 28.7	3.742	4.603	7.1	18.1
10 8	0 6.72	−32 49.4	3.791	4.598	8.1	18.2
10 18	0 1.96	−32 52.8	3.863	4.595	9.2	18.3
10 28	23 58.17	−32 39.2	3.955	4.591	10.3	18.4

296248 2009 DL_{17} 9 26.4 246°.98 1°.0/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 35.70	+ 2 23.2	2.163	2.984	13.4	21.7
8 29	0 32.05	+ 1 33.6	2.067	2.971	10.4	21.5
9 8	0 26.50	+ 0 30.8	1.993	2.956	7.0	21.3
9 18	0 19.47	− 0 41.3	1.945	2.941	3.2	21.0
9 28	0 11.67	− 1 56.9	1.926	2.926	1.5	20.9
10 8	0 3.93	− 3 9.2	1.936	2.911	5.3	21.1
10 18	23 57.07	− 4 12.0	1.973	2.895	9.1	21.3
10 28	23 51.81	− 5 0.3	2.036	2.878	12.5	21.5

230353 2002 CK_{302} 9 26.4 150°.72 4°.3/ 1.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 40.76	+17 3.0	2.421	3.159	14.4	20.9
8 29	0 35.69	+17 15.1	2.335	3.169	12.0	20.8
9 8	0 28.76	+17 10.2	2.270	3.179	9.3	20.6
9 18	0 20.46	+16 47.8	2.229	3.188	6.5	20.5
9 28	0 11.50	+16 9.7	2.216	3.197	4.4	20.3
10 8	0 2.72	+15 19.5	2.232	3.204	4.9	20.4
10 18	23 54.90	+14 22.7	2.276	3.211	7.3	20.6
10 28	23 48.72	+13 25.3	2.348	3.218	10.0	20.7

218397 2004 PT_{99} 9 26.4 14°.80 3°.9/22.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 32.89	− 5 39.2	1.915	2.769	13.5	19.6
8 29	0 29.94	− 6 52.0	1.848	2.771	10.4	19.4
9 8	0 25.06	− 8 12.2	1.804	2.774	7.0	19.2
9 18	0 18.77	− 9 33.1	1.785	2.776	4.3	19.1
9 28	0 11.82	−10 46.9	1.794	2.780	4.6	19.1
10 8	0 5.11	−11 46.7	1.829	2.783	7.6	19.3
10 18	23 59.43	−12 27.8	1.890	2.787	10.9	19.5
10 28	23 55.47	−12 47.7	1.974	2.791	13.8	19.7

102507 1999 TL_{290} 9 26.4 290°.12 0°.5/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 34.97	+ 3 43.6	1.770	2.601	15.5	20.0
8 29	0 31.98	+ 3 5.0	1.674	2.582	12.2	19.7
9 8	0 26.73	+ 2 10.0	1.599	2.563	8.3	19.4
9 18	0 19.69	+ 1 2.2	1.548	2.544	3.8	19.1
9 28	0 11.63	− 0 12.2	1.524	2.525	1.1	18.9
10 8	0 3.60	− 1 25.1	1.527	2.506	5.8	19.2
10 18	23 56.61	− 2 28.8	1.556	2.487	10.3	19.4
10 28	23 51.56	− 3 16.8	1.608	2.468	14.4	19.6

221443 2006 AJ_{38} 9 26.4 133°.11 3°.8/21.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 36.39	− 9 33.0	2.481	3.320	11.3	20.3
8 29	0 32.12	−10 21.9	2.413	3.327	8.7	20.1
9 8	0 26.26	−11 13.0	2.370	3.332	6.1	20.0
9 18	0 19.25	−12 1.5	2.353	3.338	4.1	19.8
9 28	0 11.74	−12 42.1	2.365	3.344	4.4	19.9
10 8	0 4.45	−13 10.7	2.405	3.349	6.6	20.0
10 18	23 58.04	−13 24.6	2.473	3.354	9.2	20.2
10 28	23 53.08	−13 22.6	2.564	3.359	11.6	20.4

435105 2007 DP_{28} 9 26.4 302°.02 3°.2/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 34.75	− 1 19.9	1.488	2.345	16.6	20.7
8 29	0 32.10	− 2 28.4	1.410	2.334	12.9	20.4
9 8	0 26.94	− 3 52.1	1.352	2.324	8.6	20.2
9 18	0 19.80	− 5 24.2	1.318	2.314	4.3	19.9
9 28	0 11.62	− 6 54.6	1.310	2.304	3.9	19.9
10 8	0 3.61	− 8 12.9	1.327	2.295	8.2	20.1
10 18	23 56.90	− 9 11.2	1.369	2.286	12.7	20.3
10 28	23 52.42	− 9 44.6	1.432	2.277	16.7	20.6

322167 2010 XA_{13} 9 26.4 303°.38 2°.9/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 29.70	−12 10.8	4.158	4.995	7.2	20.4
8 29	0 26.39	−12 45.9	4.082	4.992	5.6	20.3
9 8	0 22.16	−13 21.1	4.030	4.988	4.0	20.2
9 18	0 17.29	−13 53.7	4.007	4.985	2.9	20.1
9 28	0 12.11	−14 21.0	4.013	4.982	3.3	20.1
10 8	0 7.02	−14 40.5	4.048	4.979	4.6	20.2
10 18	0 2.38	−14 50.8	4.111	4.976	6.3	20.3
10 28	23 58.53	−14 50.9	4.199	4.973	7.8	20.5

283167 2009 DN_{26} 9 26.4 5°.99 7°.2/19.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 30.33	− 9 13.9	1.312	2.196	16.7	19.5
8 29	0 28.81	−11 8.9	1.258	2.196	12.9	19.3
9 8	0 24.73	−13 11.2	1.226	2.198	9.3	19.1
9 18	0 18.73	−15 8.8	1.216	2.200	7.2	19.0
9 28	0 11.84	−16 48.5	1.231	2.203	8.5	19.1
10 8	0 5.31	−17 59.8	1.270	2.208	11.8	19.3
10 18	0 0.22	−18 37.8	1.330	2.213	15.4	19.5
10 28	23 57.41	−18 42.1	1.408	2.220	18.6	19.7

473392 2015 VH_{26} 9 26.4 26°.06 0°.3/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 39.00	+ 2 55.9	2.103	2.917	13.9	20.3
8 29	0 34.51	+ 3 0.5	2.022	2.919	10.9	20.1
9 8	0 28.07	+ 2 55.5	1.963	2.921	7.4	19.9
9 18	0 20.17	+ 2 42.7	1.930	2.924	3.6	19.7
9 28	0 11.58	+ 2 25.4	1.924	2.926	0.6	19.5
10 8	0 3.17	+ 2 7.7	1.948	2.929	4.5	19.8
10 18	23 55.79	+ 1 53.8	1.999	2.932	8.3	20.0
10 28	23 50.14	+ 1 47.1	2.075	2.934	11.6	20.2

124039 2001 FE_{135} 9 26.4 176°.39 6°.6/ 6.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 38.41	+28 15.6	3.063	3.710	13.3	19.9
8 29	0 33.73	+28 53.1	2.964	3.712	11.7	19.8
9 8	0 27.41	+29 13.4	2.884	3.713	10.0	19.7
9 18	0 19.85	+29 14.5	2.827	3.715	8.3	19.6
9 28	0 11.64	+28 55.8	2.794	3.715	7.0	19.5
10 8	0 3.47	+28 19.0	2.789	3.715	6.7	19.5
10 18	23 56.04	+27 27.6	2.811	3.715	7.4	19.5
10 28	23 49.97	+26 26.9	2.860	3.715	8.9	19.6

490446 2009 SO_{164} 9 26.5 331°.20 0°.1/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 28.10	+ 2 36.4	4.310	5.114	7.5	21.5
8 29	0 25.14	+ 2 12.8	4.219	5.113	5.8	21.3
9 8	0 21.33	+ 1 43.6	4.153	5.111	3.9	21.2
9 18	0 16.91	+ 1 10.6	4.115	5.110	1.8	21.0
9 28	0 12.20	+ 0 35.9	4.107	5.109	0.4	20.9
10 8	0 7.55	+ 0 2.0	4.130	5.108	2.6	21.1
10 18	0 3.31	− 0 29.0	4.182	5.107	4.6	21.2
10 28	23 59.79	− 0 54.8	4.261	5.105	6.4	21.4

96752 1999 RO_{16} 9 26.5 327°.90 1°.1/27.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 36.41	+ 4 41.8	1.429	2.269	18.1	19.6
8 29	0 33.65	+ 4 51.2	1.343	2.253	14.4	19.3
9 8	0 28.18	+ 4 45.3	1.275	2.238	10.1	19.0
9 18	0 20.47	+ 4 25.4	1.229	2.223	5.1	18.7
9 28	0 11.52	+ 3 55.8	1.208	2.209	1.2	18.4
10 8	0 2.62	+ 3 23.0	1.212	2.196	6.0	18.7
10 18	23 55.05	+ 2 54.0	1.240	2.184	11.1	19.0
10 28	23 49.90	+ 2 35.4	1.290	2.173	15.7	19.2

361454 2007 CF_5 9 26.5 119°.84 1°.1/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 36.98	+ 6 56.6	2.552	3.344	12.4	21.5
8 29	0 32.55	+ 6 46.0	2.474	3.356	9.8	21.3
9 8	0 26.54	+ 6 24.2	2.419	3.368	6.8	21.2
9 18	0 19.40	+ 5 53.0	2.390	3.380	3.6	21.0
9 28	0 11.75	+ 5 15.5	2.390	3.391	1.1	20.8
10 8	0 4.30	+ 4 35.9	2.420	3.402	3.7	21.0
10 18	23 57.69	+ 3 58.4	2.478	3.412	6.8	21.2
10 28	23 52.50	+ 3 26.9	2.563	3.422	9.7	21.4

517864 2015 RZ_{241} 9 26.5 256°.70 2°.9/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 33.17	− 3 53.6	2.312	3.152	12.0	21.7
8 29	0 29.87	− 5 0.4	2.232	3.148	9.2	21.5
9 8	0 24.90	− 6 15.1	2.176	3.144	6.1	21.4
9 18	0 18.69	− 7 32.5	2.147	3.140	3.4	21.2
9 28	0 11.88	− 8 46.1	2.146	3.136	3.5	21.2
10 8	0 5.21	− 9 50.0	2.174	3.131	6.3	21.3
10 18	23 59.38	−10 39.4	2.228	3.127	9.3	21.5
10 28	23 55.00	−11 11.3	2.307	3.123	12.1	21.7

471008 2009 SK_{254} 9 26.5 279°.06 1°.0/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 27.93	+ 8 56.5	4.369	5.145	7.9	21.6
8 29	0 25.03	+ 8 37.0	4.270	5.141	6.3	21.5
9 8	0 21.27	+ 8 9.8	4.196	5.138	4.4	21.4
9 18	0 16.90	+ 7 36.0	4.149	5.134	2.5	21.2
9 28	0 12.23	+ 6 57.6	4.132	5.131	1.0	21.1
10 8	0 7.62	+ 6 17.0	4.145	5.127	2.3	21.2
10 18	0 3.40	+ 5 36.6	4.188	5.124	4.2	21.3
10 28	23 59.91	+ 4 59.0	4.259	5.121	6.1	21.5

483129 2015 OD_{13} 9 26.5 72°.91 3°.7/22.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 37.46	− 6 11.4	1.870	2.718	14.1	21.5
8 29	0 33.53	− 7 1.7	1.801	2.720	10.9	21.3
9 8	0 27.51	− 7 58.2	1.754	2.722	7.3	21.1
9 18	0 19.95	− 8 54.9	1.732	2.724	4.3	21.0
9 28	0 11.67	− 9 44.9	1.738	2.726	4.3	21.0
10 8	0 3.66	−10 22.0	1.770	2.728	7.4	21.2
10 18	23 56.80	−10 42.1	1.829	2.731	10.9	21.4
10 28	23 51.82	−10 43.4	1.910	2.733	14.0	21.6

132589 2002 JS_{128} 9 26.5 78°.32 1°.2/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 37.75	+ 2 0.6	1.736	2.568	15.7	20.3
8 29	0 33.75	+ 1 12.4	1.678	2.587	12.1	20.1
9 8	0 27.62	+ 0 11.2	1.641	2.606	8.0	19.9
9 18	0 19.96	− 0 57.9	1.629	2.625	3.6	19.7
9 28	0 11.68	− 2 7.7	1.644	2.644	1.7	19.6
10 8	0 3.80	− 3 10.8	1.686	2.662	5.8	19.9
10 18	23 57.21	− 4 1.2	1.756	2.681	9.8	20.2
10 28	23 52.58	− 4 35.0	1.849	2.699	13.2	20.5

20134 1996 GT_2 9 26.5 166°.51 4°.9/19.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 34.66	−13 56.4	2.784	3.626	10.1	18.7
8 29	0 30.69	−15 15.2	2.719	3.629	8.0	18.5
9 8	0 25.28	−16 34.1	2.680	3.633	6.0	18.4
9 18	0 18.82	−17 47.7	2.668	3.636	5.0	18.4
9 28	0 11.89	−18 50.4	2.685	3.639	5.6	18.4
10 8	0 5.12	−19 37.7	2.730	3.641	7.5	18.5
10 18	23 59.11	−20 7.4	2.801	3.643	9.6	18.7
10 28	23 54.39	−20 18.4	2.895	3.644	11.5	18.8

12118 Mirotsin 9 26.5 202°.23 3°.6/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 39.51	− 3 40.2	1.637	2.484	15.8	18.4
8 29	0 35.52	− 4 44.3	1.563	2.482	12.2	18.2
9 8	0 29.08	− 5 59.3	1.510	2.479	8.2	17.9
9 18	0 20.76	− 7 18.1	1.482	2.476	4.4	17.7
9 28	0 11.53	− 8 32.0	1.481	2.472	4.3	17.7
10 8	0 2.53	− 9 32.4	1.506	2.468	8.0	17.9
10 18	23 54.84	−10 13.2	1.557	2.464	12.1	18.1
10 28	23 49.34	−10 31.5	1.630	2.459	15.7	18.4

315902 2008 QS_{40} 9 26.5 277°.57 0°.6/27.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 28.69	+ 6 22.9	4.488	5.274	7.5	21.2
8 29	0 25.58	+ 6 10.9	4.389	5.268	5.9	21.1
9 8	0 21.63	+ 5 52.6	4.314	5.261	4.1	21.0
9 18	0 17.07	+ 5 29.0	4.266	5.255	2.2	20.8
9 28	0 12.21	+ 5 1.9	4.248	5.249	0.7	20.7
10 8	0 7.40	+ 4 33.5	4.261	5.243	2.2	20.8
10 18	0 2.98	+ 4 5.8	4.303	5.237	4.2	20.9
10 28	23 59.25	+ 3 41.2	4.374	5.230	6.0	21.1

107578 2001 DB_{96} 9 26.5 206°.68 1°.0/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 38.81	+ 0 50.1	2.021	2.845	14.1	20.7
8 29	0 34.50	+ 0 23.2	1.937	2.842	11.0	20.5
9 8	0 28.16	− 0 14.2	1.875	2.838	7.3	20.3
9 18	0 20.28	− 0 58.5	1.839	2.835	3.3	20.0
9 28	0 11.62	− 1 44.7	1.831	2.831	1.5	19.9
10 8	0 3.13	− 2 27.0	1.851	2.827	5.4	20.1
10 18	23 55.69	− 3 0.4	1.899	2.822	9.2	20.4
10 28	23 50.03	− 3 20.9	1.971	2.818	12.7	20.6

385323 2002 CH_4 9 26.5 200°.98 4°.5/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 42.04	−10 23.8	2.168	3.004	12.8	21.8
8 29	0 36.85	−11 9.5	2.090	3.000	10.0	21.6
9 8	0 29.64	−11 57.5	2.036	2.996	7.1	21.4
9 18	0 20.93	−12 42.1	2.008	2.991	4.8	21.3
9 28	0 11.51	−13 17.2	2.008	2.986	5.1	21.3
10 8	0 2.30	−13 37.9	2.037	2.980	7.7	21.5
10 18	23 54.15	−13 41.5	2.092	2.973	10.7	21.6
10 28	23 47.79	−13 27.0	2.171	2.966	13.5	21.8

263048 2007 HE_{23} 9 26.5 314°.91 5°.6/20.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 37.43	−14 13.5	2.209	3.056	12.2	20.1
8 29	0 33.24	−15 2.9	2.138	3.052	9.7	19.9
9 8	0 27.19	−15 51.7	2.090	3.047	7.2	19.7
9 18	0 19.77	−16 34.0	2.069	3.043	5.6	19.6
9 28	0 11.73	−17 3.8	2.074	3.039	6.2	19.7
10 8	0 3.90	−17 16.9	2.107	3.034	8.4	19.8
10 18	23 57.08	−17 10.9	2.164	3.031	11.0	20.0
10 28	23 51.91	−16 46.0	2.244	3.027	13.5	20.1

387236 2012 UU_{45} 9 26.5 17°.20 2°.2/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 36.66	− 1 6.3	1.466	2.319	17.0	20.5
8 29	0 33.47	− 1 43.4	1.400	2.321	13.1	20.2
9 8	0 27.76	− 2 32.6	1.354	2.324	8.7	20.0
9 18	0 20.15	− 3 28.3	1.331	2.328	4.1	19.7
9 28	0 11.66	− 4 22.8	1.334	2.332	2.8	19.7
10 8	0 3.49	− 5 7.9	1.362	2.337	7.1	19.9
10 18	23 56.75	− 5 37.7	1.416	2.342	11.6	20.2
10 28	23 52.27	− 5 48.6	1.491	2.347	15.5	20.5

19507 1998 MZ_{13} 9 26.5 29°.29 5°.6/ 2.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 34.81	+19 7.7	1.974	2.728	16.7	18.0
8 29	0 31.56	+19 26.9	1.894	2.734	14.2	17.9
9 8	0 26.26	+19 24.7	1.833	2.741	11.2	17.7
9 18	0 19.41	+19 0.1	1.793	2.748	8.1	17.5
9 28	0 11.79	+18 14.8	1.779	2.755	5.9	17.4
10 8	0 4.36	+17 13.4	1.791	2.763	6.0	17.4
10 18	23 58.01	+16 2.7	1.830	2.771	8.3	17.6
10 28	23 53.48	+14 50.7	1.894	2.780	11.3	17.8

333586 2007 AS_{26} 9 26.5 109°.13 4°.7/22.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 38.45	− 6 26.6	1.625	2.479	15.5	21.0
8 29	0 34.56	− 7 41.8	1.565	2.487	12.0	20.8
9 8	0 28.32	− 9 4.5	1.527	2.495	8.1	20.6
9 18	0 20.35	−10 26.6	1.513	2.503	5.1	20.4
9 28	0 11.63	−11 38.7	1.526	2.511	5.4	20.5
10 8	0 3.27	−12 33.3	1.566	2.518	8.7	20.7
10 18	23 56.28	−13 5.5	1.630	2.526	12.3	20.9
10 28	23 51.42	−13 13.8	1.716	2.533	15.6	21.1

212483 2006 QF_{82} 9 26.5 327°.93 1°.0/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 32.78	+ 2 38.8	1.630	2.473	16.0	20.5
8 29	0 30.38	+ 1 56.2	1.545	2.461	12.5	20.2
9 8	0 25.70	+ 0 57.4	1.482	2.450	8.4	20.0
9 18	0 19.23	− 0 13.1	1.442	2.439	3.8	19.7
9 28	0 11.83	− 1 28.3	1.427	2.428	1.6	19.5
10 8	0 4.54	− 2 39.4	1.440	2.418	6.2	19.8
10 18	23 58.39	− 3 38.6	1.477	2.409	10.7	20.0
10 28	23 54.26	− 4 20.1	1.537	2.400	14.7	20.3

218484 2004 TG_{12} 9 26.5 294°.25 0°.8/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 32.35	+ 3 14.3	2.180	3.005	13.2	20.3
8 29	0 29.41	+ 2 18.6	2.089	2.995	10.2	20.1
9 8	0 24.71	+ 1 9.3	2.021	2.985	6.8	19.9
9 18	0 18.67	− 0 9.7	1.979	2.975	3.1	19.7
9 28	0 11.94	− 1 32.5	1.965	2.966	1.3	19.5
10 8	0 5.31	− 2 52.1	1.980	2.956	5.1	19.8
10 18	23 59.53	− 4 2.0	2.022	2.946	8.7	20.0
10 28	23 55.26	− 4 57.4	2.089	2.937	12.0	20.2

482449 2012 DV_{58} 9 26.5 292°.18 2°.1/24.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 34.18	− 0 37.2	2.102	2.937	13.2	22.3
8 29	0 31.07	− 1 36.1	1.994	2.907	10.3	22.1
9 8	0 26.00	− 2 47.7	1.910	2.877	6.9	21.8
9 18	0 19.36	− 4 7.5	1.851	2.847	3.3	21.5
9 28	0 11.80	− 5 29.1	1.820	2.817	2.7	21.4
10 8	0 4.18	− 6 44.7	1.818	2.786	6.3	21.6
10 18	23 57.38	− 7 47.8	1.843	2.755	10.2	21.8
10 28	23 52.20	− 8 33.3	1.891	2.724	13.7	21.9

107763 2001 FK_{40} 9 26.5 275°.05 0°.4/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 37.30	+ 3 42.3	1.993	2.812	14.4	20.1
8 29	0 33.64	+ 3 8.2	1.884	2.785	11.4	19.8
9 8	0 27.83	+ 2 19.2	1.797	2.758	7.8	19.5
9 18	0 20.25	+ 1 18.4	1.735	2.730	3.6	19.2
9 28	0 11.63	+ 0 10.9	1.701	2.702	0.9	19.0
10 8	0 2.94	− 0 56.3	1.695	2.673	5.4	19.2
10 18	23 55.14	− 1 56.3	1.716	2.644	9.7	19.4
10 28	23 49.12	− 2 43.1	1.762	2.614	13.6	19.6

329711 2003 UD_{386} 9 26.5 196°.13 4°.5/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 38.43	−13 46.4	2.701	3.536	10.6	21.7
8 29	0 33.63	−14 25.6	2.627	3.535	8.3	21.5
9 8	0 27.26	−15 4.0	2.578	3.533	6.1	21.4
9 18	0 19.76	−15 37.1	2.556	3.531	4.6	21.3
9 28	0 11.76	−16 0.5	2.562	3.528	5.1	21.3
10 8	0 3.94	−16 10.6	2.597	3.526	7.0	21.4
10 18	23 56.97	−16 5.7	2.659	3.523	9.3	21.6
10 28	23 51.39	−15 45.3	2.745	3.520	11.5	21.7

167196 2003 TN_5 9 26.5 356°.92 10°.0/ 5.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 36.17	+25 11.8	1.558	2.295	21.1	19.5
8 29	0 33.51	+26 22.4	1.477	2.292	18.7	19.3
9 8	0 28.11	+27 6.3	1.412	2.290	15.8	19.1
9 18	0 20.48	+27 18.2	1.366	2.289	12.9	18.9
9 28	0 11.60	+26 55.7	1.340	2.288	10.7	18.8
10 8	0 2.80	+26 1.7	1.338	2.288	10.1	18.8
10 18	23 55.39	+24 43.7	1.358	2.289	11.6	18.9
10 28	23 50.45	+23 13.3	1.402	2.291	14.2	19.0

265082 2003 SU_{178} 9 26.5 293°.27 1°.5/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 37.00	+ 6 57.1	2.316	3.115	13.3	20.3
8 29	0 32.91	+ 7 1.9	2.224	3.109	10.6	20.1
9 8	0 27.01	+ 6 55.1	2.154	3.103	7.5	19.9
9 18	0 19.74	+ 6 37.9	2.109	3.098	4.1	19.6
9 28	0 11.76	+ 6 12.8	2.092	3.092	1.5	19.5
10 8	0 3.88	+ 5 44.0	2.104	3.087	4.1	19.6
10 18	23 56.86	+ 5 15.6	2.144	3.082	7.5	19.8
10 28	23 51.39	+ 4 52.2	2.210	3.076	10.7	20.0

139523 2001 QH_2 9 26.5 296°.85 4°.3/21.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 34.16	− 6 16.4	1.860	2.714	13.9	19.3
8 29	0 31.17	− 7 30.2	1.777	2.700	10.7	19.1
9 8	0 26.09	− 8 52.6	1.717	2.686	7.4	18.9
9 18	0 19.38	−10 16.9	1.681	2.672	4.6	18.7
9 28	0 11.82	−11 34.6	1.673	2.658	5.1	18.7
10 8	0 4.37	−12 37.7	1.692	2.644	8.3	18.8
10 18	23 57.95	−13 20.7	1.736	2.630	11.8	19.0
10 28	23 53.35	−13 40.7	1.802	2.616	15.0	19.2

41238 1999 XU_{25} 9 26.5 22°.16 3°.3/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 34.71	− 2 41.5	1.234	2.105	18.4	17.8
8 29	0 32.24	− 3 26.7	1.183	2.114	14.2	17.6
9 8	0 27.04	− 4 23.5	1.151	2.126	9.4	17.4
9 18	0 19.82	− 5 24.4	1.141	2.138	4.7	17.1
9 28	0 11.77	− 6 20.1	1.156	2.152	4.0	17.1
10 8	0 4.21	− 7 1.7	1.194	2.166	8.2	17.4
10 18	23 58.30	− 7 23.7	1.256	2.182	12.7	17.7
10 28	23 54.84	− 7 23.6	1.338	2.198	16.6	18.0

472623 2015 DL_{181} 9 26.5 58°.39 8°.1/ 4.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 39.58	+24 3.9	1.556	2.294	21.1	20.1
8 29	0 35.70	+24 36.8	1.499	2.320	18.1	19.9
9 8	0 29.21	+24 40.2	1.458	2.346	14.8	19.8
9 18	0 20.80	+24 11.5	1.436	2.372	11.3	19.7
9 28	0 11.60	+23 12.4	1.437	2.399	8.7	19.6
10 8	0 2.86	+21 49.5	1.463	2.425	8.2	19.6
10 18	23 55.72	+20 12.7	1.514	2.451	10.1	19.8
10 28	23 51.00	+18 33.6	1.589	2.477	12.9	20.0

214630 2006 RU_{98} 9 26.5 55°.83 0°.3/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 36.68	+ 3 11.9	1.857	2.683	15.0	20.7
8 29	0 32.98	+ 2 46.2	1.783	2.688	11.8	20.5
9 8	0 27.18	+ 2 7.5	1.730	2.692	7.9	20.3
9 18	0 19.84	+ 1 19.4	1.701	2.697	3.7	20.1
9 28	0 11.77	+ 0 27.2	1.700	2.702	0.9	19.8
10 8	0 3.93	− 0 22.7	1.726	2.706	5.2	20.2
10 18	23 57.23	− 1 4.5	1.780	2.711	9.2	20.4
10 28	23 52.39	− 1 33.7	1.857	2.716	12.8	20.7

377125 2003 BF_{55} 9 26.5 161°.58 4°.7/21.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 39.19	− 8 49.9	2.066	2.908	13.1	21.4
8 29	0 34.67	−10 9.7	2.000	2.915	10.2	21.2
9 8	0 28.19	−11 34.1	1.958	2.921	7.1	21.0
9 18	0 20.26	−12 55.9	1.942	2.926	4.9	20.9
9 28	0 11.69	−14 7.5	1.955	2.930	5.5	20.9
10 8	0 3.39	−15 2.6	1.996	2.934	8.1	21.1
10 18	23 56.17	−15 37.3	2.062	2.937	11.1	21.3
10 28	23 50.73	−15 50.4	2.152	2.940	13.8	21.5

392457 2010 VV_{171} 9 26.5 308°.96 2°.0/22.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 29.24	− 7 55.6	4.291	5.122	7.1	21.0
8 29	0 26.03	− 8 25.1	4.209	5.119	5.4	20.9
9 8	0 21.94	− 8 56.3	4.153	5.116	3.7	20.8
9 18	0 17.24	− 9 26.7	4.124	5.113	2.2	20.7
9 28	0 12.24	− 9 54.0	4.126	5.110	2.3	20.7
10 8	0 7.33	−10 15.7	4.157	5.108	3.8	20.8
10 18	0 2.83	−10 30.2	4.217	5.105	5.6	20.9
10 28	23 59.09	−10 36.2	4.303	5.102	7.2	21.0

103826 2000 DV_{24} 9 26.5 137°.27 3°.0/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 41.12	+11 50.9	2.294	3.062	14.3	20.2
8 29	0 36.04	+12 6.7	2.212	3.072	11.6	20.1
9 8	0 29.07	+12 8.1	2.151	3.082	8.6	19.9
9 18	0 20.68	+11 55.4	2.115	3.091	5.4	19.7
9 28	0 11.63	+11 30.5	2.107	3.100	3.1	19.6
10 8	0 2.76	+10 57.2	2.128	3.108	4.4	19.7
10 18	23 54.89	+10 20.4	2.178	3.116	7.4	19.9
10 28	23 48.70	+ 9 45.1	2.255	3.123	10.4	20.1

454407 2014 NA_{44} 9 26.5 23°.16 3°.0/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 31.61	+13 58.0	1.906	2.696	16.0	21.4
8 29	0 29.05	+13 32.3	1.829	2.703	13.1	21.2
9 8	0 24.55	+12 45.4	1.772	2.710	9.6	21.0
9 18	0 18.61	+11 39.1	1.739	2.718	5.9	20.8
9 28	0 12.00	+10 17.9	1.732	2.727	3.1	20.7
10 8	0 5.62	+ 8 49.0	1.752	2.736	4.6	20.8
10 18	0 0.27	+ 7 20.4	1.799	2.745	8.1	21.0
10 28	23 56.65	+ 6 0.0	1.872	2.756	11.5	21.3

364533 2007 FH_{24} 9 26.5 82°.64 0°.0/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 34.05	+ 4 39.8	2.300	3.114	12.9	21.1
8 29	0 30.49	+ 4 0.7	2.227	3.125	10.1	21.0
9 8	0 25.28	+ 3 9.4	2.176	3.135	6.8	20.8
9 18	0 18.88	+ 2 9.4	2.151	3.146	3.2	20.6
9 28	0 11.96	+ 1 5.5	2.155	3.157	0.6	20.4
10 8	0 5.25	+ 0 3.4	2.187	3.167	4.3	20.7
10 18	23 59.43	− 0 51.7	2.248	3.178	7.7	20.9
10 28	23 55.08	− 1 35.7	2.334	3.188	10.7	21.1

444363 2005 XZ_{50} 9 26.5 310°.08 4°.3/22.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 36.62	− 9 1.4	2.009	2.858	13.2	21.6
8 29	0 32.88	− 9 45.7	1.928	2.847	10.3	21.4
9 8	0 27.13	−10 33.9	1.870	2.836	7.1	21.1
9 18	0 19.84	−11 20.1	1.837	2.825	4.7	21.0
9 28	0 11.79	−11 58.1	1.831	2.814	5.0	21.0
10 8	0 3.88	−12 22.3	1.853	2.803	7.7	21.1
10 18	23 57.00	−12 29.2	1.900	2.793	11.0	21.3
10 28	23 51.88	−12 17.5	1.969	2.783	14.0	21.5

269486 2009 UW_{15} 9 26.5 281°.98 1°.7/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 34.10	+ 9 22.7	2.419	3.210	13.0	20.8
8 29	0 30.70	+ 9 7.7	2.313	3.192	10.5	20.6
9 8	0 25.57	+ 8 38.4	2.228	3.173	7.5	20.4
9 18	0 19.11	+ 7 56.2	2.169	3.155	4.2	20.2
9 28	0 11.91	+ 7 4.1	2.137	3.137	1.7	19.9
10 8	0 4.73	+ 6 6.7	2.135	3.118	4.0	20.1
10 18	23 58.29	+ 5 9.5	2.161	3.099	7.4	20.3
10 28	23 53.28	+ 4 17.9	2.213	3.081	10.6	20.4

487239 2014 PZ_{12} 9 26.5 317°.05 3°.9/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 32.04	− 5 45.8	2.021	2.874	13.0	21.0
8 29	0 29.35	− 6 59.7	1.937	2.860	10.0	20.8
9 8	0 24.77	− 8 22.1	1.877	2.846	6.8	20.5
9 18	0 18.75	− 9 46.5	1.842	2.833	4.2	20.4
9 28	0 11.99	−11 5.3	1.835	2.820	4.7	20.4
10 8	0 5.33	−12 11.2	1.855	2.807	7.6	20.5
10 18	23 59.58	−12 58.8	1.901	2.795	10.9	20.7
10 28	23 55.46	−13 25.0	1.969	2.783	14.0	20.9

380500 2004 DQ_{44} 9 26.5 145°.53 1°.1/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 38.77	+ 2 35.9	1.773	2.600	15.6	21.5
8 29	0 34.68	+ 1 44.2	1.700	2.607	12.1	21.3
9 8	0 28.37	+ 0 38.0	1.650	2.614	8.1	21.0
9 18	0 20.42	− 0 37.8	1.624	2.620	3.6	20.8
9 28	0 11.70	− 1 55.9	1.626	2.626	1.6	20.7
10 8	0 3.27	− 3 8.3	1.656	2.632	5.9	21.0
10 18	23 56.07	− 4 8.2	1.713	2.637	10.1	21.2
10 28	23 50.86	− 4 50.8	1.794	2.642	13.7	21.5

299200 2005 GB_{219} 9 26.5 68°.46 0°.3/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 35.89	+ 5 30.1	1.846	2.666	15.4	20.7
8 29	0 32.37	+ 4 58.5	1.772	2.672	12.1	20.5
9 8	0 26.79	+ 4 11.6	1.719	2.679	8.2	20.3
9 18	0 19.67	+ 3 12.8	1.691	2.685	3.9	20.0
9 28	0 11.84	+ 2 7.8	1.689	2.691	0.6	19.8
10 8	0 4.24	+ 1 3.6	1.716	2.697	5.0	20.1
10 18	23 57.78	+ 0 6.7	1.769	2.704	9.0	20.4
10 28	23 53.16	− 0 37.5	1.847	2.710	12.6	20.6

430955 2005 UC_{514} 9 26.5 278°.31 0°.4/27.1 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 31.60	+ 5 9.5	3.192	3.991	10.0	22.2
8 29	0 28.25	+ 4 47.8	3.090	3.978	7.9	22.0
9 8	0 23.65	+ 4 17.1	3.011	3.965	5.4	21.8
9 18	0 18.12	+ 3 39.3	2.959	3.952	2.6	21.6
9 28	0 12.12	+ 2 57.2	2.937	3.938	0.5	21.4
10 8	0 6.16	+ 2 14.2	2.944	3.925	3.2	21.6
10 18	0 0.76	+ 1 33.8	2.980	3.911	6.0	21.8
10 28	23 56.38	+ 0 59.5	3.044	3.898	8.4	22.0

107294 2001 CR_1 9 26.5 296°.08 0°.3/26.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 38.60	+ 3 38.2	1.700	2.527	16.2	19.5
8 29	0 35.12	+ 3 31.5	1.594	2.498	12.9	19.3
9 8	0 29.12	+ 3 10.8	1.508	2.470	9.0	19.0
9 18	0 20.99	+ 2 37.9	1.446	2.441	4.3	18.6
9 28	0 11.57	+ 1 57.4	1.410	2.412	0.7	18.3
10 8	0 2.00	+ 1 15.4	1.401	2.382	5.8	18.6
10 18	23 53.47	+ 0 38.9	1.417	2.353	10.7	18.8
10 28	23 47.07	+ 0 13.9	1.457	2.325	15.1	19.0

202580 2006 FD_{27} 9 26.5 165°.08 1°.5/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 40.20	− 1 1.3	1.947	2.776	14.4	21.2
8 29	0 35.62	− 1 25.7	1.870	2.778	11.1	21.0
9 8	0 28.94	− 1 59.2	1.815	2.780	7.4	20.8
9 18	0 20.68	− 2 37.7	1.786	2.782	3.4	20.5
9 28	0 11.68	− 3 16.0	1.784	2.784	2.0	20.4
10 8	0 2.91	− 3 48.5	1.811	2.785	5.7	20.7
10 18	23 55.28	− 4 10.8	1.865	2.786	9.6	20.9
10 28	23 49.52	− 4 19.6	1.943	2.787	13.0	21.1

266782 2009 SK_{238} 9 26.5 268°.83 4°.5/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 40.85	− 7 3.3	1.552	2.406	16.2	20.3
8 29	0 36.72	− 7 47.9	1.481	2.402	12.6	20.1
9 8	0 29.99	− 8 39.1	1.430	2.398	8.6	19.9
9 18	0 21.27	− 9 29.8	1.403	2.395	5.1	19.7
9 28	0 11.58	−10 11.9	1.402	2.391	5.1	19.7
10 8	0 2.17	−10 38.4	1.428	2.387	8.7	19.9
10 18	23 54.19	−10 44.9	1.477	2.383	12.7	20.1
10 28	23 48.54	−10 30.0	1.549	2.380	16.3	20.3

435057 2006 WX_{184} 9 26.5 286°.54 3°.6/29.3 18

8 19	0 38.92	+11 14.8	1.527	2.333	18.7	21.7
8 29	0 35.51	+11 30.3	1.440	2.324	15.3	21.5
9 8	0 29.40	+11 25.5	1.371	2.315	11.3	21.2
9 18	0 21.11	+11 0.1	1.324	2.306	6.9	20.9
9 28	0 11.61	+10 16.6	1.302	2.298	3.7	20.7
10 8	0 2.18	+ 9 21.3	1.305	2.289	5.8	20.8
10 18	23 54.09	+ 8 22.6	1.334	2.280	10.3	21.1
10 28	23 48.37	+ 7 29.3	1.387	2.272	14.6	21.3

107850 2001 FA_{77} 9 26.5 106°.79 3°.1/23.8 17

8 19	0 44.30	− 4 19.9	1.742	2.577	15.5	20.4
8 29	0 38.76	− 5 5.3	1.689	2.600	11.9	20.2
9 8	0 30.96	− 5 57.6	1.657	2.623	7.9	20.0
9 18	0 21.56	− 6 50.8	1.651	2.644	4.1	19.9
9 28	0 11.57	− 7 38.0	1.672	2.665	3.7	19.9
10 8	0 2.10	− 8 13.0	1.722	2.685	7.1	20.1
10 18	23 54.07	− 8 32.2	1.798	2.705	10.7	20.4
10 28	23 48.19	− 8 33.8	1.897	2.724	13.9	20.7

341308 2007 SN_{1} 9 26.5 315°.68 20°.5/18.3 15

8 19	1 3.81	−36 47.3	0.973	1.808	24.9	19.4
8 29	0 57.04	−37 58.5	0.924	1.796	22.8	19.2
9 8	0 44.83	−38 40.1	0.889	1.784	21.2	19.0
9 18	0 28.43	−38 31.7	0.870	1.773	20.5	19.0
9 28	0 10.37	−37 17.9	0.868	1.762	21.1	19.0
10 8	23 53.71	−34 57.0	0.885	1.752	23.0	19.0
10 18	23 40.83	−31 40.2	0.919	1.742	25.6	19.2
10 28	23 32.92	−27 45.5	0.968	1.734	28.3	19.4

449805 2014 OE_{310} 9 26.5 284°.79 1°.3/25.0 18

8 19	0 35.17	− 0 0.4	2.195	3.024	12.9	21.8
8 29	0 31.55	− 0 35.2	2.111	3.020	10.0	21.6
9 8	0 26.13	− 1 19.7	2.050	3.016	6.7	21.4
9 18	0 19.37	− 2 9.9	2.015	3.011	3.1	21.1
9 28	0 11.95	− 3 0.9	2.008	3.007	1.8	21.0
10 8	0 4.66	− 3 47.0	2.029	3.003	5.2	21.3
10 18	23 58.29	− 4 23.7	2.078	2.999	8.7	21.5
10 28	23 53.47	− 4 47.3	2.151	2.995	11.9	21.7

264134 2009 UZ_{21} 9 26.5 317°.25 2°.6/21.5 18

8 19	0 29.35	−10 8.3	4.060	4.895	7.3	20.1
8 29	0 26.20	−10 44.5	3.979	4.890	5.7	20.0
9 8	0 22.12	−11 21.6	3.924	4.885	3.9	19.9
9 18	0 17.37	−11 57.1	3.897	4.881	2.7	19.8
9 28	0 12.31	−12 28.1	3.899	4.876	3.0	19.8
10 8	0 7.33	−12 52.0	3.931	4.871	4.4	19.9
10 18	0 2.80	−13 7.2	3.991	4.866	6.2	20.0
10 28	23 59.06	−13 12.3	4.075	4.862	7.8	20.1

100393 1995 WZ_{30} 9 26.5 289°.10 2°.0/24.7 18

8 19	0 37.53	− 1 15.4	1.748	2.589	15.2	20.1
8 29	0 33.99	− 1 48.2	1.659	2.574	11.9	19.9
9 8	0 28.13	− 2 32.1	1.592	2.560	7.9	19.6
9 18	0 20.43	− 3 22.6	1.549	2.545	3.8	19.3
9 28	0 11.75	− 4 13.2	1.533	2.531	2.5	19.2
10 8	0 3.15	− 4 56.9	1.543	2.517	6.6	19.4
10 18	23 55.68	− 5 27.9	1.580	2.502	10.9	19.7
10 28	23 50.22	− 5 42.0	1.639	2.488	14.7	19.9

70010 1998 XO_{64} 9 26.5 348°.07 5°.5/ 1.9 18

8 19	0 32.07	+17 3.4	1.751	2.531	17.6	18.1
8 29	0 29.84	+17 27.4	1.662	2.522	14.9	17.8
9 8	0 25.38	+17 29.6	1.592	2.514	11.7	17.6
9 18	0 19.15	+17 8.5	1.543	2.507	8.3	17.4
9 28	0 11.98	+16 25.5	1.518	2.500	5.8	17.3
10 8	0 4.88	+15 25.5	1.518	2.495	6.2	17.3
10 18	23 58.88	+14 15.9	1.544	2.491	9.1	17.4
10 28	23 54.83	+13 5.5	1.594	2.487	12.5	17.6

97719 2000 GW_{113} 9 26.5 271°.59 0°.2/26.7 18

8 19	0 39.45	+ 2 24.7	2.491	3.297	12.3	18.8
8 29	0 34.72	+ 2 30.7	2.392	3.284	9.7	18.6
9 8	0 28.22	+ 2 28.8	2.315	3.271	6.6	18.4
9 18	0 20.36	+ 2 20.6	2.265	3.258	3.2	18.2
9 28	0 11.78	+ 2 8.8	2.243	3.245	0.5	17.9
10 8	0 3.24	+ 1 56.6	2.252	3.232	4.1	18.2
10 18	23 55.50	+ 1 47.6	2.289	3.219	7.6	18.4
10 28	23 49.24	+ 1 44.6	2.353	3.206	10.6	18.6

321987 2010 UT_{58} 9 26.5 260°.18 2°.7/ 2.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 28.67	+18 2.3	4.520	5.239	8.4	20.8
8 29	0 25.65	+17 59.2	4.416	5.235	7.0	20.6
9 8	0 21.75	+17 46.0	4.333	5.231	5.5	20.5
9 18	0 17.21	+17 23.2	4.276	5.226	4.0	20.4
9 28	0 12.35	+16 51.8	4.247	5.222	2.8	20.3
10 8	0 7.55	+16 13.8	4.248	5.218	2.9	20.3
10 18	0 3.13	+15 31.6	4.278	5.213	4.2	20.4
10 28	23 59.45	+14 47.9	4.337	5.209	5.7	20.5

309202 2007 FB_{2} 9 26.5 120°.75 4°.1/21.1 18

8 19	0 35.94	−10 29.8	2.606	3.445	10.8	20.8
8 29	0 31.72	−11 31.4	2.546	3.458	8.4	20.7
9 8	0 26.00	−12 34.6	2.510	3.471	5.9	20.6
9 18	0 19.22	−13 34.1	2.502	3.483	4.2	20.5
9 28	0 12.01	−14 24.9	2.523	3.495	4.7	20.5
10 8	0 5.02	−15 2.6	2.572	3.507	6.7	20.7
10 18	23 58.88	−15 24.8	2.648	3.519	9.1	20.9
10 28	23 54.11	−15 30.4	2.748	3.530	11.3	21.0

272689 2005 XQ_{66} 9 26.5 298°.08 5°.2/20.9 18

8 19	0 36.80	−11 50.7	2.107	2.956	12.7	20.3
8 29	0 32.92	−12 45.0	2.032	2.949	9.9	20.1
9 8	0 27.10	−13 41.0	1.980	2.941	7.2	20.0
9 18	0 19.84	−14 32.6	1.954	2.934	5.3	19.8
9 28	0 11.89	−15 13.2	1.955	2.926	5.8	19.9
10 8	0 4.12	−15 37.6	1.982	2.919	8.3	20.0
10 18	23 57.35	−15 43.1	2.035	2.912	11.2	20.2
10 28	23 52.28	−15 28.7	2.111	2.905	13.9	20.3

219115 1998 SU_{102} 9 26.5 332°.46 1°.2/25.4 18

8 19	0 36.18	− 0 26.1	1.958	2.793	14.1	20.0
8 29	0 32.61	− 0 41.1	1.873	2.784	11.0	19.8
9 8	0 27.00	− 1 5.2	1.810	2.776	7.3	19.5
9 18	0 19.84	− 1 35.1	1.771	2.768	3.4	19.3
9 28	0 11.89	− 2 6.0	1.760	2.760	1.6	19.1
10 8	0 4.06	− 2 32.7	1.777	2.753	5.5	19.4
10 18	23 57.26	− 2 50.7	1.820	2.747	9.4	19.6
10 28	23 52.22	− 2 56.7	1.887	2.741	12.8	19.8

457869 2009 SY_{240} 9 26.5 13°.49 8°.1/ 5.3 17

8 19	0 31.25	+23 52.7	1.605	2.356	20.1	20.3
8 29	0 29.36	+24 26.4	1.534	2.363	17.4	20.1
9 8	0 25.10	+24 31.6	1.479	2.371	14.4	19.9
9 18	0 19.02	+24 5.8	1.443	2.380	11.2	19.8
9 28	0 12.04	+23 9.7	1.429	2.391	8.7	19.7
10 8	0 5.30	+21 49.1	1.439	2.403	8.2	19.7
10 18	23 59.85	+20 12.9	1.474	2.415	9.9	19.8
10 28	23 56.54	+18 32.4	1.532	2.429	12.7	20.0

147508 2004 DA_{5} 9 26.5 212°.75 4°.5/22.5 18

8 19	0 39.49	− 6 18.8	1.614	2.467	15.7	20.3
8 29	0 35.56	− 7 22.0	1.543	2.464	12.2	20.0
9 8	0 29.17	− 8 33.3	1.493	2.462	8.3	19.8
9 18	0 20.89	− 9 45.2	1.468	2.459	5.0	19.6
9 28	0 11.71	−10 48.9	1.469	2.456	5.2	19.6
10 8	0 2.78	−11 36.4	1.496	2.453	8.7	19.8
10 18	23 55.19	−12 2.5	1.549	2.449	12.6	20.0
10 28	23 49.81	−12 5.5	1.622	2.446	16.1	20.3

394614 2007 VK_{329} 9 26.5 304°.40 3°.6/23.2 18

8 19	0 38.71	− 6 21.2	1.873	2.718	14.2	20.8
8 29	0 34.57	− 7 1.6	1.800	2.717	11.0	20.6
9 8	0 28.30	− 7 47.8	1.749	2.716	7.4	20.4
9 18	0 20.42	− 8 34.0	1.723	2.715	4.2	20.2
9 28	0 11.80	− 9 13.9	1.725	2.715	4.2	20.2
10 8	0 3.41	− 9 41.7	1.754	2.714	7.3	20.4
10 18	23 56.18	− 9 53.5	1.808	2.713	10.8	20.6
10 28	23 50.86	− 9 47.5	1.886	2.712	14.0	20.8

211786 2004 CW_{28} 9 26.5 87°.43 0°.8/27.3 18

8 19	0 38.14	+ 5 36.6	1.935	2.748	15.0	20.9
8 29	0 34.05	+ 5 25.9	1.859	2.754	11.9	20.7
9 8	0 27.91	+ 5 1.6	1.804	2.760	8.2	20.5
9 18	0 20.23	+ 4 26.2	1.774	2.767	4.1	20.2
9 28	0 11.83	+ 3 43.8	1.771	2.773	0.9	20.0
10 8	0 3.67	+ 3 0.2	1.797	2.779	4.7	20.3
10 18	23 56.62	+ 2 20.8	1.849	2.785	8.6	20.5
10 28	23 51.40	+ 1 50.5	1.927	2.792	12.1	20.8

37017 2000 TG_{57} 9 26.5 254°.69 6°.9/18.9 18

8 19	0 35.51	−11 26.6	1.686	2.550	14.6	19.0
8 29	0 32.39	−13 19.1	1.623	2.547	11.5	18.8
9 8	0 26.99	−15 16.4	1.582	2.545	8.5	18.6
9 18	0 19.86	−17 8.3	1.567	2.543	6.9	18.5
9 28	0 11.90	−18 43.8	1.579	2.540	8.1	18.6
10 8	0 4.18	−19 54.5	1.615	2.538	10.9	18.7
10 18	23 57.69	−20 35.9	1.675	2.535	14.0	18.9
10 28	23 53.23	−20 47.3	1.755	2.533	16.9	19.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
24792 1993 TB_{46}			9 26.5	2°.63	0°.1/26.6	18
	h m	° ′			°	m
8 19	0 33.70	+ 3 34.8	1.661	2.499	16.0	18.9
8 29	0 30.97	+ 3 21.0	1.588	2.498	12.6	18.6
9 8	0 26.03	+ 2 53.2	1.534	2.498	8.5	18.4
9 18	0 19.41	+ 2 14.5	1.504	2.499	4.0	18.1
9 28	0 11.98	+ 1 30.3	1.499	2.501	0.7	17.9
10 8	0 4.76	+ 0 47.2	1.521	2.504	5.3	18.2
10 18	23 58.73	+ 0 11.3	1.569	2.507	9.7	18.5
10 28	23 54.66	− 0 12.5	1.639	2.512	13.5	18.8
104535 2000 GY_{54}			9 26.5	212°.99	0°.3/26.2	18
8 19	0 40.14	+ 3 10.1	1.875	2.694	15.2	21.4
8 29	0 35.81	+ 2 45.2	1.788	2.689	12.0	21.1
9 8	0 29.23	+ 2 7.0	1.722	2.683	8.1	20.9
9 18	0 20.92	+ 1 18.7	1.682	2.677	3.8	20.6
9 28	0 11.71	+ 0 25.5	1.669	2.670	0.9	20.4
10 8	0 2.64	− 0 26.0	1.684	2.663	5.4	20.7
10 18	23 54.69	− 1 9.8	1.726	2.656	9.6	20.9
10 28	23 48.70	− 1 40.7	1.793	2.648	13.4	21.2
447706 2007 EN_{60}			9 26.5	174°.44	0°.7/25.5	18
8 19	0 35.25	+ 1 20.3	2.834	3.645	10.8	22.6
8 29	0 31.14	+ 0 44.1	2.750	3.648	8.4	22.4
9 8	0 25.63	− 0 0.4	2.689	3.650	5.6	22.2
9 18	0 19.08	− 0 50.2	2.656	3.651	2.5	22.0
9 28	0 12.05	− 1 41.3	2.652	3.652	1.1	21.9
10 8	0 5.15	− 2 29.4	2.679	3.653	4.0	22.1
10 18	23 58.96	− 3 10.8	2.734	3.653	7.0	22.3
10 28	23 53.99	− 3 42.3	2.816	3.653	9.6	22.5
219121 1998 SB_{155}			9 26.5	2°.78	0°.2/26.6	18
8 19	0 40.13	+ 0 46.0	1.106	1.969	20.7	19.3
8 29	0 37.09	+ 1 15.9	1.042	1.967	16.4	19.0
9 8	0 30.76	+ 1 33.6	0.996	1.966	11.2	18.8
9 18	0 21.81	+ 1 41.3	0.970	1.967	5.3	18.4
9 28	0 11.56	+ 1 43.5	0.967	1.969	0.9	18.1
10 8	0 1.70	+ 1 45.9	0.987	1.972	7.0	18.6
10 18	23 53.73	+ 1 54.2	1.031	1.977	12.6	18.9
10 28	23 48.78	+ 2 12.7	1.094	1.983	17.4	19.2
143822 2003 WC_{142}			9 26.5	139°.96	11°.0/14.1	18
8 19	0 46.41	−30 8.9	2.050	2.871	14.0	19.6
8 29	0 40.41	−31 54.2	2.019	2.886	12.3	19.6
9 8	0 32.07	−33 25.6	2.010	2.900	11.2	19.5
9 18	0 22.11	−34 34.2	2.025	2.913	11.1	19.5
9 28	0 11.55	−35 12.7	2.065	2.926	12.0	19.6
10 8	0 1.52	−35 18.7	2.127	2.937	13.4	19.8
10 18	23 53.01	−34 53.4	2.210	2.948	15.1	19.9
10 28	23 46.71	−34 0.8	2.310	2.958	16.6	20.1
129905 1999 TV_{69}			9 26.5	7°.66	0°.7/27.2	18
8 19	0 36.87	+ 5 58.3	1.755	2.575	16.0	20.8
8 29	0 33.35	+ 5 37.4	1.676	2.575	12.7	20.6
9 8	0 27.60	+ 5 0.5	1.617	2.575	8.7	20.4
9 18	0 20.16	+ 4 10.4	1.582	2.576	4.3	20.1
9 28	0 11.87	+ 3 12.4	1.574	2.576	0.8	19.9
10 8	0 3.78	+ 2 13.3	1.593	2.576	5.1	20.2
10 18	23 56.87	+ 1 20.1	1.639	2.577	9.4	20.5
10 28	23 51.93	+ 0 38.7	1.709	2.577	13.2	20.7
470577 2008 HW_{17}			9 26.5	52°.52	7°.9/20.6	16
8 19	0 40.99	−13 4.4	1.264	2.136	18.0	20.6
8 29	0 36.93	−14 28.0	1.230	2.158	14.1	20.4
9 8	0 30.04	−15 50.4	1.216	2.180	10.3	20.3
9 18	0 21.20	−17 0.5	1.225	2.203	8.0	20.2
9 28	0 11.73	−17 48.2	1.258	2.226	8.8	20.3
10 8	0 2.99	−18 7.4	1.314	2.250	11.7	20.6
10 18	23 56.12	−17 57.2	1.392	2.273	15.0	20.8
10 28	23 51.86	−17 20.1	1.490	2.297	18.0	21.1
394609 2007 VH_{294}			9 26.5	335°.02	0°.2/26.3	18
8 19	0 33.27	+ 4 35.8	1.606	2.444	16.5	21.0
8 29	0 30.81	+ 3 57.6	1.524	2.436	13.0	20.7
9 8	0 26.05	+ 3 1.7	1.463	2.428	8.8	20.5
9 18	0 19.49	+ 1 52.1	1.425	2.421	4.1	20.2
9 28	0 12.00	+ 0 35.6	1.413	2.415	0.9	19.9
10 8	0 4.66	− 0 39.1	1.427	2.409	5.8	20.2
10 18	23 58.51	− 1 43.8	1.467	2.403	10.4	20.5
10 28	23 54.39	− 2 32.0	1.530	2.399	14.5	20.7
142211 2002 RH_{63}			9 26.5	342°.39	6°.2/22.1	18
8 19	0 37.07	− 8 49.1	1.214	2.092	18.2	18.7
8 29	0 34.47	− 9 45.0	1.150	2.084	14.3	18.4
9 8	0 28.87	−10 47.6	1.104	2.077	10.0	18.1
9 18	0 20.90	−11 47.4	1.080	2.070	6.6	17.9
9 28	0 11.76	−12 33.6	1.080	2.065	7.1	18.0
10 8	0 2.94	−12 57.3	1.102	2.060	10.8	18.2
10 18	23 55.81	−12 53.9	1.147	2.056	15.2	18.4
10 28	23 51.39	−12 23.1	1.210	2.054	19.2	18.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
23315 Navinbrian			9 26.5	221°.47	1°.9/28.6	18 R
	h m	° ′			°	m
8 19	0 37.32	+ 8 56.3	2.528	3.311	12.7	19.4
8 29	0 33.05	+ 8 58.0	2.432	3.306	10.2	19.2
9 8	0 27.09	+ 8 47.5	2.358	3.301	7.3	19.0
9 18	0 19.85	+ 8 25.9	2.311	3.295	4.2	18.8
9 28	0 11.96	+ 7 55.5	2.291	3.289	1.9	18.6
10 8	0 4.14	+ 7 20.1	2.301	3.283	3.8	18.7
10 18	23 57.11	+ 6 44.0	2.340	3.277	7.0	18.9
10 28	23 51.51	+ 6 11.6	2.405	3.271	10.0	19.1
523012 2016 PW_{122}			9 26.5	72°.03	2°.4/28.8	16
8 19	0 37.14	+10 49.5	1.670	2.474	17.4	21.6
8 29	0 33.61	+10 33.1	1.600	2.485	14.0	21.4
9 8	0 27.77	+ 9 56.4	1.549	2.496	10.0	21.2
9 18	0 20.23	+ 9 1.3	1.521	2.507	5.7	21.0
9 28	0 11.90	+ 7 52.9	1.519	2.518	2.4	20.8
10 8	0 3.87	+ 6 38.8	1.544	2.529	5.0	21.0
10 18	23 57.14	+ 5 27.1	1.596	2.540	9.1	21.2
10 28	23 52.47	+ 4 25.3	1.672	2.550	12.9	21.5
381742 2009 SF_{51}			9 26.5	336°.13	1°.1/25.7	18
8 19	0 33.21	+ 2 6.3	1.187	2.052	19.4	20.8
8 29	0 31.61	+ 1 39.9	1.111	2.038	15.3	20.5
9 8	0 27.07	+ 0 54.7	1.053	2.026	10.3	20.2
9 18	0 20.13	− 0 4.6	1.017	2.014	4.8	19.9
9 28	0 11.89	− 1 9.7	1.003	2.004	1.8	19.6
10 8	0 3.80	− 2 10.0	1.013	1.995	7.5	20.0
10 18	23 57.26	− 2 56.1	1.045	1.987	13.0	20.2
10 28	23 53.38	− 3 21.1	1.098	1.980	17.9	20.5
79857 1998 XD_{53}			9 26.5	319°.16	1°.8/27.9	18
8 19	0 34.80	+ 7 10.7	1.555	2.383	17.4	19.6
8 29	0 32.36	+ 7 14.9	1.455	2.357	14.1	19.3
9 8	0 27.37	+ 7 1.7	1.375	2.332	10.0	19.0
9 18	0 20.26	+ 6 31.9	1.317	2.308	5.5	18.7
9 28	0 11.87	+ 5 49.0	1.283	2.284	1.8	18.4
10 8	0 3.38	+ 4 59.6	1.276	2.261	5.6	18.6
10 18	23 56.02	+ 4 11.4	1.293	2.238	10.6	18.8
10 28	23 50.87	+ 3 32.0	1.332	2.217	15.1	19.0
278690 2008 RZ_{118}			9 26.5	38°.78	1°.7/25.1	18
8 19	0 35.72	+ 1 32.7	1.334	2.189	18.3	20.4
8 29	0 32.87	+ 0 42.2	1.280	2.202	14.1	20.2
9 8	0 27.43	− 0 24.3	1.245	2.216	9.3	19.9
9 18	0 20.09	− 1 40.1	1.234	2.231	4.2	19.7
9 28	0 11.95	− 2 56.1	1.247	2.247	2.3	19.6
10 8	0 4.28	− 4 2.6	1.285	2.262	7.0	19.9
10 18	23 58.15	− 4 52.2	1.348	2.279	11.6	20.2
10 28	23 54.37	− 5 20.6	1.433	2.296	15.6	20.5
480967 2003 UB_{207}			9 26.5	13°.01	5°.7/23.4	18
8 19	0 43.06	−11 12.3	1.254	2.122	18.4	20.1
8 29	0 38.84	−11 21.0	1.199	2.126	14.4	19.8
9 8	0 31.57	−11 29.5	1.162	2.131	10.1	19.6
9 18	0 22.06	−11 30.8	1.148	2.137	6.4	19.4
9 28	0 11.61	−11 18.0	1.158	2.145	6.2	19.5
10 8	0 1.75	−10 46.7	1.192	2.154	9.7	19.7
10 18	23 53.77	− 9 56.4	1.250	2.164	13.8	20.0
10 28	23 48.57	− 8 48.5	1.328	2.175	17.6	20.2
404518 2013 HE_{78}			9 26.5	142°.59	0°.6/27.2	18
8 19	0 35.86	+ 5 52.3	2.328	3.132	13.1	22.1
8 29	0 31.97	+ 5 31.7	2.245	3.135	10.3	21.9
9 8	0 26.38	+ 4 58.9	2.184	3.138	7.1	21.7
9 18	0 19.52	+ 4 16.3	2.149	3.141	3.5	21.5
9 28	0 12.05	+ 3 27.8	2.143	3.144	0.7	21.3
10 8	0 4.74	+ 2 38.3	2.165	3.147	4.1	21.5
10 18	23 58.32	+ 1 52.8	2.215	3.149	7.5	21.8
10 28	23 53.38	+ 1 15.7	2.292	3.152	10.6	22.0
395982 2013 BY_{29}			9 26.5	344°.47	0°.5/26.9	16
8 19	0 38.87	+ 3 59.0	1.822	2.643	15.5	21.7
8 29	0 34.85	+ 3 57.1	1.741	2.641	12.3	21.4
9 8	0 28.60	+ 3 42.7	1.681	2.640	8.4	21.2
9 18	0 20.65	+ 3 18.0	1.645	2.639	4.1	21.0
9 28	0 11.85	+ 2 47.1	1.636	2.638	0.7	20.7
10 8	0 3.22	+ 2 15.4	1.654	2.637	5.0	21.0
10 18	23 55.76	+ 1 48.4	1.700	2.636	9.2	21.3
10 28	23 50.25	+ 1 30.6	1.769	2.635	12.9	21.5
135036 2001 NF_{11}			9 26.5	10°.27	1°.5/25.2	18
8 19	0 31.47	+ 1 55.0	1.346	2.206	17.8	18.8
8 29	0 29.67	+ 1 9.1	1.284	2.209	13.8	18.6
9 8	0 25.37	+ 0 6.5	1.241	2.213	9.2	18.3
9 18	0 19.18	− 1 6.9	1.221	2.219	4.1	18.0
9 28	0 12.11	− 2 22.3	1.226	2.226	2.1	17.9
10 8	0 5.38	− 3 29.8	1.255	2.234	6.9	18.3
10 18	0 0.05	− 4 21.6	1.308	2.243	11.6	18.5
10 28	23 56.94	− 4 52.6	1.383	2.253	15.6	18.8

225899 2002 AS_2 9 26.5 144°.65 11°.9/10.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 48.72	−40 15.0	2.471	3.246	13.2	20.8
8 29	0 42.05	−41 52.5	2.452	3.260	12.3	20.7
9 8	0 33.11	−43 11.7	2.454	3.273	11.9	20.7
9 18	0 22.60	−44 4.9	2.479	3.285	12.1	20.8
9 28	0 11.54	−44 27.3	2.526	3.297	12.7	20.9
10 8	0 1.04	−44 17.5	2.593	3.308	13.7	21.0
10 18	23 52.06	−43 37.7	2.679	3.318	14.7	21.1
10 28	23 45.28	−42 32.1	2.780	3.327	15.7	21.2

452101 2014 QD_{161} 9 26.5 36°.52 3°.9/29.6 18

8 19	0 43.20	+10 34.0	1.815	2.603	16.8	19.8
8 29	0 38.12	+11 27.1	1.748	2.619	13.7	19.6
9 8	0 30.72	+12 5.5	1.701	2.636	10.1	19.4
9 18	0 21.60	+12 28.1	1.677	2.654	6.5	19.2
9 28	0 11.70	+12 35.9	1.680	2.672	4.0	19.1
10 8	0 2.11	+12 32.0	1.711	2.690	5.4	19.3
10 18	23 53.85	+12 21.1	1.769	2.709	8.7	19.5
10 28	23 47.70	+12 8.9	1.852	2.728	12.0	19.7

187292 2005 TC_{101} 9 26.5 5°.86 2°.7/24.7 18

8 19	0 33.23	− 1 21.9	1.050	1.931	20.2	19.8
8 29	0 31.72	− 1 52.5	0.993	1.930	15.7	19.6
9 8	0 27.11	− 2 37.9	0.954	1.931	10.4	19.3
9 18	0 20.10	− 3 31.3	0.936	1.934	4.9	19.0
9 28	0 11.96	− 4 22.8	0.940	1.938	3.4	18.9
10 8	0 4.26	− 5 2.2	0.966	1.944	8.5	19.3
10 18	23 58.34	− 5 22.4	1.014	1.952	13.7	19.6
10 28	23 55.22	− 5 19.6	1.081	1.961	18.3	19.9

377214 2003 XG_{26} 9 26.5 277°.19 1°.3/25.4 17

8 19	0 37.20	+ 2 28.1	1.532	2.372	17.0	21.8
8 29	0 34.20	+ 1 41.9	1.439	2.353	13.4	21.5
9 8	0 28.58	+ 0 37.5	1.366	2.334	9.1	21.2
9 18	0 20.81	− 0 40.7	1.317	2.314	4.2	20.9
9 28	0 11.82	− 2 4.6	1.294	2.294	1.9	20.7
10 8	0 2.82	− 3 24.5	1.297	2.274	6.9	21.0
10 18	23 55.05	− 4 31.1	1.325	2.254	12.0	21.2
10 28	23 49.55	− 5 17.6	1.376	2.234	16.4	21.4

433514 2013 WS_{58} 9 26.5 271°.92 4°.7/22.4 18

8 19	0 38.80	− 6 49.2	1.562	2.419	15.9	20.6
8 29	0 35.14	− 7 51.0	1.492	2.415	12.4	20.3
9 8	0 28.96	− 9 0.4	1.443	2.412	8.5	20.1
9 18	0 20.87	−10 9.9	1.418	2.408	5.2	19.9
9 28	0 11.83	−11 10.5	1.419	2.405	5.5	19.9
10 8	0 3.06	−11 54.0	1.445	2.401	8.9	20.1
10 18	23 55.66	−12 15.7	1.496	2.398	12.9	20.3
10 28	23 50.50	−12 13.6	1.569	2.394	16.4	20.6

399857 2005 UZ_{292} 9 26.5 265°.84 3°.4/23.2 18

8 19	0 39.42	− 7 37.9	2.186	3.023	12.7	21.1
8 29	0 34.86	− 8 5.4	2.107	3.019	9.8	20.9
9 8	0 28.38	− 8 36.4	2.050	3.015	6.7	20.7
9 18	0 20.48	− 9 6.2	2.020	3.011	3.9	20.5
9 28	0 11.91	− 9 29.8	2.018	3.006	3.8	20.5
10 8	0 3.52	− 9 42.9	2.044	3.002	6.6	20.6
10 18	23 56.13	− 9 42.6	2.097	2.998	9.8	20.8
10 28	23 50.42	− 9 27.4	2.174	2.993	12.7	21.0

365362 2009 SD_{360} 9 26.5 29°.74 1°.7/28.6 18

8 19	0 32.82	+10 22.4	2.070	2.869	14.6	21.0
8 29	0 29.86	+ 9 52.3	1.990	2.874	11.7	20.8
9 8	0 25.08	+ 9 4.9	1.932	2.879	8.3	20.6
9 18	0 18.95	+ 8 2.5	1.898	2.885	4.6	20.4
9 28	0 12.18	+ 6 49.6	1.891	2.890	1.8	20.2
10 8	0 5.60	+ 5 32.7	1.912	2.896	4.2	20.4
10 18	23 59.98	+ 4 18.6	1.961	2.903	7.8	20.6
10 28	23 55.96	+ 3 13.7	2.036	2.909	11.2	20.9

357204 2002 GE_{38} 9 26.5 61°.71 4°.5/22.4 18

8 19	0 42.28	−11 17.1	2.044	2.883	13.4	19.6
8 29	0 36.85	−11 48.0	1.997	2.909	10.3	19.5
9 8	0 29.52	−12 18.9	1.974	2.935	7.2	19.3
9 18	0 20.90	−12 44.3	1.977	2.961	4.8	19.2
9 28	0 11.87	−12 59.3	2.007	2.986	5.0	19.3
10 8	0 3.31	−13 0.3	2.066	3.012	7.4	19.5
10 18	23 56.01	−12 46.0	2.151	3.038	10.2	19.7
10 28	23 50.56	−12 16.5	2.259	3.063	12.7	20.0

298581 2003 YE_{27} 9 26.5 275°.94 7°.5/ 3.8 18

8 19	0 38.50	+22 45.6	2.035	2.757	17.2	20.4
8 29	0 34.79	+23 31.1	1.932	2.742	15.0	20.2
9 8	0 28.76	+23 55.7	1.846	2.728	12.5	20.0
9 18	0 20.85	+23 56.2	1.782	2.714	9.8	19.8
9 28	0 11.83	+23 31.3	1.742	2.699	7.8	19.6
10 8	0 2.73	+22 43.4	1.728	2.684	7.7	19.6
10 18	23 54.63	+21 38.1	1.740	2.670	9.5	19.7
10 28	23 48.46	+20 23.8	1.776	2.655	12.3	19.8

520974 2014 YS_{63} 9 26.5 140°.47 5°.3/22.0 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 42.90	−10 19.0	1.760	2.606	14.9	21.4
8 29	0 37.91	−11 11.7	1.697	2.613	11.6	21.2
9 8	0 30.58	−12 6.9	1.657	2.620	8.2	21.1
9 18	0 21.55	−12 57.6	1.641	2.626	5.6	20.9
9 28	0 11.77	−13 36.2	1.653	2.632	5.9	21.0
10 8	0 2.37	−13 57.0	1.692	2.637	8.8	21.1
10 18	23 54.34	−13 57.4	1.755	2.642	12.1	21.4
10 28	23 48.46	−13 37.1	1.842	2.647	15.1	21.6

88084 2000 WT_{32} 9 26.5 331°.47 1°.8/24.9 18

8 19	0 30.14	+ 1 56.5	1.267	2.133	18.3	18.5
8 29	0 29.09	+ 1 7.0	1.184	2.113	14.4	18.2
9 8	0 25.34	− 0 3.0	1.119	2.093	9.7	17.9
9 18	0 19.36	− 1 28.3	1.077	2.075	4.4	17.5
9 28	0 12.12	− 2 59.0	1.058	2.057	2.5	17.4
10 8	0 4.94	− 4 23.4	1.062	2.041	7.8	17.6
10 18	23 59.12	− 5 30.7	1.090	2.026	13.2	17.9
10 28	23 55.74	− 6 13.3	1.138	2.013	17.9	18.1

354223 2002 GE_{182} 9 26.5 116°.18 3°.3/21.9 18

8 19	0 34.52	− 6 6.1	2.549	3.386	11.1	21.3
8 29	0 30.71	− 7 23.6	2.486	3.400	8.5	21.1
9 8	0 25.40	− 8 46.0	2.449	3.414	5.7	21.0
9 18	0 19.03	−10 8.0	2.439	3.427	3.6	20.9
9 28	0 12.21	−11 23.5	2.458	3.440	3.9	20.9
10 8	0 5.61	−12 27.2	2.507	3.453	6.2	21.1
10 18	23 59.82	−13 15.5	2.583	3.466	8.8	21.3
10 28	23 55.38	−13 46.5	2.683	3.478	11.2	21.4

4757 Liselotte 9 26.5 193°.62 0°.1/26.4 18

8 19	0 31.96	+ 3 12.9	3.459	4.262	9.2	18.8
8 29	0 28.40	+ 2 49.7	3.369	4.261	7.2	18.6
9 8	0 23.73	+ 2 19.3	3.303	4.259	4.8	18.5
9 18	0 18.24	+ 1 43.7	3.264	4.258	2.3	18.3
9 28	0 12.36	+ 1 5.5	3.255	4.256	0.4	18.1
10 8	0 6.56	+ 0 28.0	3.276	4.255	3.1	18.3
10 18	0 1.30	− 0 6.0	3.326	4.253	5.6	18.5
10 28	23 57.00	− 0 33.6	3.404	4.251	7.8	18.7

211409 2002 VE_{87} 9 26.5 357°.04 2°.9/24.4 18

8 19	0 40.16	− 5 2.3	1.624	2.473	15.8	19.6
8 29	0 36.08	− 5 16.2	1.552	2.471	12.3	19.4
9 8	0 29.54	− 5 36.2	1.500	2.469	8.3	19.1
9 18	0 21.14	− 5 57.5	1.473	2.468	4.2	18.9
9 28	0 11.86	− 6 14.3	1.472	2.468	3.4	18.8
10 8	0 2.86	− 6 21.1	1.497	2.468	7.1	19.1
10 18	23 55.20	− 6 14.4	1.548	2.468	11.2	19.3
10 28	23 49.74	− 5 52.3	1.621	2.469	14.9	19.5

120987 1998 XA_{18} 9 26.5 340°.38 4°.3/22.1 18

8 19	0 36.73	− 9 39.8	2.084	2.932	12.8	19.5
8 29	0 32.88	−10 22.0	2.010	2.928	10.0	19.3
9 8	0 27.12	−11 6.8	1.960	2.924	7.0	19.1
9 18	0 19.93	−11 48.9	1.935	2.921	4.6	19.0
9 28	0 12.08	−12 22.3	1.937	2.918	4.9	19.0
10 8	0 4.43	−12 42.0	1.966	2.915	7.5	19.1
10 18	23 57.80	−12 45.1	2.021	2.912	10.5	19.3
10 28	23 52.86	−12 30.6	2.099	2.910	13.3	19.5

132105 2002 CA_{213} 9 26.5 56°.07 1°.4/25.5 17

8 19	0 38.92	+ 2 7.2	1.218	2.072	19.7	19.8
8 29	0 35.65	+ 1 24.0	1.164	2.085	15.3	19.6
9 8	0 29.47	+ 0 23.1	1.129	2.099	10.2	19.3
9 18	0 21.14	− 0 49.0	1.115	2.113	4.6	19.1
9 28	0 11.89	− 2 2.6	1.126	2.127	2.1	18.9
10 8	0 3.18	− 3 7.5	1.162	2.141	7.3	19.3
10 18	23 56.22	− 3 55.7	1.222	2.156	12.3	19.6
10 28	23 51.91	− 4 22.3	1.303	2.171	16.5	19.9

59552 1999 JM_{38} 9 26.5 91°.77 5°.6/ 2.9 18

8 19	0 37.25	+20 58.9	1.793	2.540	18.4	18.7
8 29	0 33.67	+20 50.7	1.719	2.554	15.6	18.6
9 8	0 27.83	+20 16.0	1.663	2.569	12.2	18.4
9 18	0 20.31	+19 14.3	1.629	2.583	8.8	18.2
9 28	0 12.04	+17 48.9	1.619	2.598	6.1	18.1
10 8	0 4.07	+16 6.8	1.637	2.612	6.1	18.1
10 18	23 57.38	+14 17.9	1.682	2.626	8.7	18.3
10 28	23 52.73	+12 32.2	1.753	2.639	12.0	18.5

378060 2006 TE_{91} 9 26.5 290°.93 3°.7/29.6 18

8 19	0 35.88	+12 54.3	1.506	2.312	18.9	21.1
8 29	0 33.36	+12 50.7	1.408	2.292	15.6	20.8
9 8	0 28.16	+12 22.7	1.328	2.272	11.7	20.5
9 18	0 20.71	+11 29.7	1.269	2.251	7.2	20.2
9 28	0 11.93	+10 14.8	1.235	2.231	3.8	20.0
10 8	0 3.08	+ 8 45.7	1.226	2.211	5.9	20.0
10 18	23 55.45	+ 7 13.0	1.243	2.191	10.6	20.2
10 28	23 50.16	+ 5 47.7	1.282	2.171	15.3	20.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
127391 2002 LT_8			9 26.5	17°.13	0°.2/26.4	18
	h m	° ′			°	m
8 19	0 31.94	+ 4 33.8	1.689	2.526	15.8	18.8
8 29	0 29.53	+ 3 56.7	1.623	2.534	12.4	18.6
9 8	0 25.03	+ 3 3.9	1.577	2.542	8.3	18.4
9 18	0 19.00	+ 1 59.6	1.555	2.551	3.9	18.2
9 28	0 12.27	+ 0 50.5	1.559	2.561	0.8	17.9
10 8	0 5.80	− 0 15.9	1.590	2.572	5.3	18.3
10 18	0 0.49	− 1 12.6	1.647	2.584	9.4	18.6
10 28	23 57.03	− 1 54.3	1.727	2.596	13.1	18.8
477514 2010 CT_{168}			9 26.5	195°.32	1°.1/27.8	18
8 19	0 39.80	+ 7 6.7	2.308	3.100	13.5	22.6
8 29	0 35.15	+ 6 53.9	2.216	3.098	10.8	22.4
9 8	0 28.62	+ 6 28.1	2.146	3.094	7.5	22.2
9 18	0 20.67	+ 5 51.2	2.101	3.091	4.0	21.9
9 28	0 12.00	+ 5 6.5	2.086	3.086	1.1	21.7
10 8	0 3.43	+ 4 18.8	2.099	3.081	4.1	21.9
10 18	23 55.78	+ 3 33.4	2.142	3.076	7.7	22.1
10 28	23 49.72	+ 2 55.0	2.211	3.070	11.0	22.3
104167 2000 EL_{79}			9 26.5	293°.95	2°.6/23.6	18
8 19	0 34.59	− 3 26.4	2.220	3.058	12.5	19.8
8 29	0 31.29	− 4 15.4	2.120	3.035	9.7	19.6
9 8	0 26.15	− 5 13.2	2.044	3.011	6.5	19.3
9 18	0 19.56	− 6 15.1	1.993	2.987	3.4	19.1
9 28	0 12.17	− 7 15.3	1.970	2.963	3.2	19.0
10 8	0 4.79	− 8 7.6	1.976	2.940	6.3	19.2
10 18	23 58.21	− 8 47.0	2.008	2.916	9.7	19.4
10 28	23 53.17	− 9 9.9	2.064	2.892	12.9	19.5
444627 2006 WU			9 26.5	182°.59	1°.1/27.4	18
8 19	0 50.17	+ 7 17.5	1.623	2.419	18.2	22.8
8 29	0 44.08	+ 6 55.5	1.538	2.422	14.5	22.6
9 8	0 35.10	+ 6 14.6	1.473	2.424	10.2	22.3
9 18	0 23.86	+ 5 17.0	1.433	2.423	5.2	22.0
9 28	0 11.45	+ 4 8.2	1.420	2.421	1.1	21.7
10 8	23 59.25	+ 2 56.6	1.436	2.418	5.8	22.1
10 18	23 48.58	+ 1 50.7	1.481	2.412	10.7	22.3
10 28	23 40.47	+ 0 58.0	1.549	2.405	15.0	22.6
518467 2005 KV_{14}			9 26.5	161°.56	5°.9/21.4	17
8 19	0 39.25	− 8 44.5	1.486	2.347	16.4	21.1
8 29	0 35.60	−10 3.1	1.423	2.348	12.7	20.9
9 8	0 29.33	−11 28.1	1.381	2.348	8.9	20.7
9 18	0 21.09	−12 50.3	1.362	2.349	6.2	20.5
9 28	0 11.93	−13 59.5	1.370	2.349	6.8	20.5
10 8	0 3.10	−14 47.0	1.403	2.350	10.1	20.7
10 18	23 55.75	−15 8.4	1.459	2.350	13.8	21.0
10 28	23 50.73	−15 3.0	1.536	2.350	17.2	21.2
28749 2000 GP_{161}			9 26.5	3°.10	4°.3/22.9	18
8 19	0 32.06	− 2 34.0	1.191	2.068	18.5	17.3
8 29	0 30.52	− 3 51.4	1.131	2.067	14.3	17.1
9 8	0 26.18	− 5 24.2	1.090	2.066	9.5	16.8
9 18	0 19.69	− 7 3.0	1.071	2.067	5.1	16.6
9 28	0 12.17	− 8 35.4	1.076	2.069	5.2	16.6
10 8	0 5.00	− 9 49.4	1.104	2.072	9.5	16.8
10 18	23 59.39	−10 37.3	1.155	2.075	14.2	17.1
10 28	23 56.29	−10 55.5	1.225	2.080	18.2	17.4
23725 1998 HH_{43}			9 26.5	56°.83	4°.6/23.0	18
8 19	0 40.78	− 4 19.7	1.200	2.065	19.2	18.4
8 29	0 36.85	− 5 34.5	1.164	2.092	14.6	18.3
9 8	0 30.07	− 6 58.6	1.147	2.119	9.7	18.1
9 18	0 21.33	− 8 22.0	1.153	2.147	5.4	17.9
9 28	0 11.93	− 9 33.6	1.183	2.174	5.4	18.0
10 8	0 3.29	−10 24.6	1.238	2.202	9.2	18.3
10 18	23 56.54	−10 50.6	1.317	2.229	13.4	18.6
10 28	23 52.41	−10 50.9	1.416	2.257	17.0	18.9
206459 2003 TD_5			9 26.5	8°.51	10°.8/ 6.5	18
8 19	0 33.89	+25 32.5	1.350	2.105	23.1	19.2
8 29	0 32.11	+26 48.9	1.281	2.106	20.4	19.0
9 8	0 27.42	+27 34.6	1.226	2.109	17.3	18.8
9 18	0 20.37	+27 43.8	1.188	2.113	14.2	18.6
9 28	0 12.05	+27 14.4	1.169	2.119	11.7	18.5
10 8	0 3.92	+26 10.0	1.172	2.126	10.9	18.5
10 18	23 57.37	+24 40.2	1.198	2.134	12.3	18.6
10 28	23 53.47	+22 58.2	1.245	2.143	14.9	18.8
72222 2001 AD_{10}			9 26.5	257°.14	0°.9/25.7	18
8 19	0 37.87	+ 1 41.3	1.800	2.630	15.3	20.0
8 29	0 34.14	+ 1 11.3	1.718	2.627	11.9	19.8
9 8	0 28.19	+ 0 28.6	1.658	2.623	8.0	19.6
9 18	0 20.55	− 0 22.9	1.622	2.619	3.7	19.3
9 28	0 12.04	− 1 17.4	1.614	2.615	1.4	19.1
10 8	0 3.70	− 2 7.9	1.633	2.611	5.7	19.4
10 18	23 56.51	− 2 48.6	1.678	2.606	9.9	19.6
10 28	23 51.25	− 3 14.8	1.747	2.602	13.6	19.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
405778 2006 AM_{13}			9 26.6	170°.47	5°.7/ 4.3	18
	h m	° ′			°	m
8 19	0 36.55	+23 31.1	2.660	3.358	14.1	21.5
8 29	0 32.53	+23 50.1	2.566	3.360	12.2	21.3
9 8	0 26.82	+23 50.7	2.490	3.362	10.0	21.2
9 18	0 19.82	+23 31.7	2.437	3.363	7.8	21.0
9 28	0 12.17	+22 53.4	2.410	3.365	6.1	20.9
10 8	0 4.61	+21 58.9	2.410	3.366	5.9	20.9
10 18	23 57.86	+20 52.9	2.438	3.366	7.3	21.0
10 28	23 52.55	+19 41.7	2.494	3.367	9.4	21.1
316523 2010 VL_{195}			9 26.6	261°.41	4°.3/ 1.3	18
8 19	0 37.11	+16 5.4	2.310	3.065	14.6	20.9
8 29	0 33.19	+16 25.2	2.215	3.060	12.2	20.7
9 8	0 27.39	+16 28.4	2.140	3.055	9.4	20.5
9 18	0 20.14	+16 14.4	2.088	3.051	6.6	20.3
9 28	0 12.11	+15 44.3	2.063	3.046	4.5	20.2
10 8	0 4.15	+15 1.7	2.066	3.041	5.0	20.2
10 18	23 57.07	+14 11.6	2.097	3.036	7.6	20.4
10 28	23 51.57	+13 20.3	2.154	3.032	10.5	20.5
139585 2001 QB_{110}			9 26.6	356°.01	1°.0/25.8	18
8 19	0 38.65	− 0 37.4	1.525	2.371	16.8	19.4
8 29	0 35.12	− 0 35.4	1.451	2.367	13.1	19.1
9 8	0 29.04	− 0 43.3	1.397	2.364	8.8	18.9
9 18	0 21.00	− 0 57.6	1.366	2.362	4.1	18.6
9 28	0 11.98	− 1 13.3	1.360	2.361	1.5	18.4
10 8	0 3.20	− 1 24.8	1.381	2.361	6.2	18.7
10 18	23 55.79	− 1 27.5	1.427	2.361	10.8	19.0
10 28	23 50.65	− 1 17.9	1.495	2.363	14.8	19.3
19974 1989 GR_1			9 26.6	286°.55	4°.3/ 1.2	18
8 19	0 34.25	+17 15.4	1.814	2.586	17.4	19.0
8 29	0 31.48	+16 56.5	1.722	2.580	14.5	18.8
9 8	0 26.50	+16 12.6	1.648	2.573	11.1	18.5
9 18	0 19.80	+15 3.6	1.596	2.566	7.4	18.3
9 28	0 12.18	+13 32.9	1.570	2.559	4.5	18.1
10 8	0 4.67	+11 47.9	1.571	2.553	5.3	18.2
10 18	23 58.25	+ 9 58.2	1.599	2.546	8.8	18.3
10 28	23 53.76	+ 8 14.1	1.653	2.540	12.6	18.6
2148 Epeios			9 26.6	318°.82	0°.3/26.0	18
8 19	0 28.13	+ 2 22.4	4.200	5.006	7.7	18.0
8 29	0 25.30	+ 1 51.9	4.108	5.003	5.9	17.8
9 8	0 21.60	+ 1 15.7	4.041	5.000	3.9	17.7
9 18	0 17.26	+ 0 35.4	4.002	4.997	1.8	17.5
9 28	0 12.63	− 0 6.5	3.992	4.994	0.5	17.4
10 8	0 8.05	− 0 47.2	4.013	4.990	2.7	17.6
10 18	0 3.88	− 1 24.4	4.064	4.987	4.8	17.7
10 28	0 0.45	− 1 55.8	4.142	4.985	6.6	17.9
448665 2010 VO_{178}			9 26.6	338°.64	2°.1/28.6	18
8 19	0 33.32	+ 9 33.5	1.792	2.604	16.1	20.5
8 29	0 30.71	+ 9 25.1	1.704	2.595	13.0	20.3
9 8	0 25.96	+ 8 58.7	1.636	2.586	9.3	20.1
9 18	0 19.54	+ 8 15.6	1.591	2.579	5.3	19.8
9 28	0 12.23	+ 7 19.8	1.572	2.571	2.2	19.6
10 8	0 5.03	+ 6 17.7	1.580	2.565	4.8	19.7
10 18	23 58.87	+ 5 16.5	1.614	2.559	8.9	20.0
10 28	23 54.58	+ 4 23.2	1.672	2.553	12.7	20.2
485329 2011 BJ_{83}			9 26.6	273°.81	9°.7/10.9	18
8 19	0 35.57	−28 53.5	2.400	3.234	11.8	21.2
8 29	0 32.07	−30 51.1	2.345	3.221	10.5	21.1
9 8	0 26.66	−32 40.0	2.315	3.209	9.8	21.0
9 18	0 19.79	−34 11.9	2.309	3.196	10.0	21.0
9 28	0 12.20	−35 19.6	2.328	3.183	11.0	21.0
10 8	0 4.73	−35 58.8	2.369	3.170	12.5	21.1
10 18	23 58.22	−36 8.4	2.430	3.156	14.2	21.2
10 28	23 53.36	−35 50.0	2.509	3.143	15.7	21.3
183268 2002 TE_{227}			9 26.6	336°.74	3°.9/23.8	18
8 19	0 37.27	− 4 24.3	1.246	2.115	18.4	19.6
8 29	0 34.65	− 5 1.8	1.175	2.106	14.3	19.3
9 8	0 29.06	− 5 50.1	1.123	2.097	9.7	19.0
9 18	0 21.12	− 6 42.1	1.094	2.089	5.1	18.7
9 28	0 11.97	− 7 28.4	1.087	2.082	4.6	18.7
10 8	0 3.06	− 8 0.1	1.105	2.076	9.0	18.9
10 18	23 55.75	− 8 11.2	1.146	2.070	13.8	19.2
10 28	23 51.10	− 7 58.8	1.206	2.066	18.2	19.4
454070 2012 SH_{65}			9 26.6	287°.91	1°.0/24.9	18
8 19	0 31.45	− 0 10.6	3.111	3.931	9.7	21.3
8 29	0 28.17	− 0 48.4	3.026	3.930	7.5	21.1
9 8	0 23.67	− 1 32.9	2.965	3.929	4.9	20.9
9 18	0 18.28	− 2 21.4	2.932	3.928	2.3	20.8
9 28	0 12.47	− 3 10.1	2.928	3.927	1.4	20.7
10 8	0 6.75	− 3 55.2	2.954	3.926	3.9	20.9
10 18	0 1.64	− 4 33.5	3.008	3.925	6.5	21.1
10 28	23 57.56	− 5 2.2	3.089	3.924	8.9	21.2

182352 2001 QH_{45} 9 26.6 19.°78 0.°2/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 35.53	+ 3 16.2	1.098	1.962	20.7	19.7
8 29	0 33.36	+ 3 4.3	1.044	1.969	16.2	19.4
9 8	0 28.15	+ 2 33.6	1.007	1.978	11.0	19.2
9 18	0 20.62	+ 1 48.8	0.991	1.988	5.1	18.9
9 28	0 12.07	+ 0 57.8	0.998	2.000	1.0	18.7
10 8	0 4.01	+ 0 10.2	1.028	2.012	6.8	19.1
10 18	23 57.75	− 0 25.6	1.081	2.026	12.2	19.4
10 28	23 54.24	− 0 43.9	1.154	2.041	16.8	19.8

481613 2007 UD_{2} 9 26.6 4.°09 8.°1/ 2.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 33.91	+18 8.5	1.270	2.070	22.1	19.9
8 29	0 32.12	+19 14.3	1.201	2.069	18.8	19.6
9 8	0 27.43	+19 53.7	1.147	2.069	15.1	19.4
9 18	0 20.39	+20 2.8	1.112	2.071	11.3	19.2
9 28	0 12.10	+19 41.0	1.098	2.075	8.5	19.1
10 8	0 4.01	+18 53.3	1.107	2.080	8.5	19.1
10 18	23 57.48	+17 48.8	1.138	2.087	11.3	19.3
10 28	23 53.61	+16 39.4	1.191	2.095	15.0	19.5

50207 2000 AV_{211} 9 26.6 24.°27 7.°6/ 2.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 39.90	+15 57.8	1.196	2.001	22.8	17.6
8 29	0 36.65	+17 18.5	1.146	2.020	19.2	17.4
9 8	0 30.31	+18 13.0	1.113	2.041	15.0	17.2
9 18	0 21.64	+18 38.0	1.099	2.063	10.8	17.1
9 28	0 11.94	+18 33.5	1.107	2.087	7.9	17.0
10 8	0 2.78	+18 5.1	1.138	2.112	8.2	17.1
10 18	23 55.50	+17 21.9	1.192	2.138	11.2	17.3
10 28	23 51.07	+16 34.5	1.268	2.166	14.7	17.6

394232 2006 SK_{358} 9 26.6 321.°44 0.°8/27.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 34.96	+ 6 47.2	1.836	2.654	15.5	20.8
8 29	0 31.89	+ 6 21.2	1.751	2.649	12.3	20.6
9 8	0 26.70	+ 5 38.5	1.687	2.644	8.6	20.3
9 18	0 19.89	+ 4 41.9	1.646	2.639	4.3	20.1
9 28	0 12.24	+ 3 36.5	1.633	2.634	0.9	19.8
10 8	0 4.73	+ 2 29.4	1.646	2.630	4.9	20.1
10 18	23 58.28	+ 1 27.6	1.687	2.626	9.1	20.3
10 28	23 53.67	+ 0 37.5	1.752	2.622	12.9	20.6

262540 2006 VF_{6} 9 26.6 352.°63 3.°6/24.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 37.39	− 3 42.0	1.168	2.040	19.2	19.9
8 29	0 34.85	− 4 13.2	1.103	2.035	14.9	19.6
9 8	0 29.25	− 4 55.6	1.057	2.031	10.0	19.3
9 18	0 21.23	− 5 42.5	1.032	2.028	5.1	19.0
9 28	0 12.02	− 6 24.4	1.030	2.026	4.2	19.0
10 8	0 3.13	− 6 52.6	1.051	2.025	8.8	19.2
10 18	23 55.97	− 7 0.9	1.095	2.025	13.8	19.5
10 28	23 51.58	− 6 46.7	1.159	2.026	18.3	19.8

382555 2001 VX_{117} 9 26.6 328.°17 0.°3/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 36.51	+ 2 16.8	1.325	2.177	18.5	20.0
8 29	0 34.02	+ 2 11.7	1.243	2.162	14.7	19.7
9 8	0 28.69	+ 1 51.3	1.179	2.147	10.0	19.4
9 18	0 21.02	+ 1 18.6	1.137	2.134	4.7	19.0
9 28	0 12.04	+ 0 39.5	1.119	2.121	1.0	18.7
10 8	0 3.14	+ 0 2.0	1.126	2.109	6.7	19.1
10 18	23 55.67	− 0 26.5	1.156	2.098	12.0	19.3
10 28	23 50.75	− 0 39.8	1.207	2.087	16.7	19.6

16989 1999 CX 9 26.6 65.°10 3.°0/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 42.30	− 2 0.0	1.213	2.071	19.5	17.8
8 29	0 38.21	− 2 44.4	1.165	2.089	15.0	17.6
9 8	0 31.15	− 3 41.0	1.136	2.107	9.9	17.3
9 18	0 21.95	− 4 42.4	1.130	2.126	4.8	17.1
9 28	0 11.93	− 5 38.8	1.148	2.145	3.6	17.1
10 8	0 2.56	− 6 21.6	1.191	2.164	8.1	17.4
10 18	23 55.07	− 6 45.0	1.258	2.183	12.8	17.7
10 28	23 50.31	− 6 46.7	1.345	2.202	16.8	18.1

169987 2002 TK_{219} 9 26.6 349.°45 3.°3/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 37.15	+11 55.6	1.835	2.627	16.5	20.0
8 29	0 33.63	+12 2.9	1.751	2.626	13.5	19.8
9 8	0 27.91	+11 52.0	1.686	2.625	10.0	19.6
9 18	0 20.47	+11 23.2	1.644	2.624	6.2	19.4
9 28	0 12.16	+10 39.2	1.629	2.623	3.3	19.2
10 8	0 3.98	+ 9 45.7	1.640	2.623	5.0	19.3
10 18	23 56.93	+ 8 49.5	1.678	2.622	8.7	19.5
10 28	23 51.80	+ 7 57.6	1.741	2.622	12.3	19.7

113345 2002 RY_{229} 9 26.6 20.°48 4.°9/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 34.57	− 6 44.7	1.648	2.509	15.0	19.3
8 29	0 31.69	− 8 6.2	1.585	2.512	11.6	19.1
9 8	0 26.58	− 9 35.5	1.545	2.515	7.9	18.9
9 18	0 19.81	−11 4.1	1.529	2.518	5.2	18.8
9 28	0 12.28	−12 22.8	1.540	2.522	5.7	18.8
10 8	0 5.03	−13 23.4	1.576	2.527	8.8	19.0
10 18	23 59.02	−14 1.0	1.637	2.531	12.4	19.2
10 28	23 54.98	−14 13.7	1.719	2.536	15.5	19.4

502687 2015 CQ_{61} 9 26.6 45.°51 2.°6/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 43.87	− 3 30.7	1.263	2.119	19.0	19.3
8 29	0 39.26	− 3 42.2	1.217	2.139	14.7	19.1
9 8	0 31.76	− 4 2.3	1.189	2.159	9.7	18.9
9 18	0 22.21	− 4 25.2	1.184	2.181	4.7	18.7
9 28	0 11.91	− 4 44.0	1.205	2.203	3.1	18.6
10 8	0 2.29	− 4 52.7	1.250	2.225	7.5	19.0
10 18	23 54.55	− 4 47.4	1.320	2.248	12.1	19.3
10 28	23 49.52	− 4 26.5	1.411	2.271	16.0	19.6

263039 2007 GT_{41} 9 26.6 95.°61 0.°2/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 35.53	+ 3 7.6	2.363	3.177	12.6	21.0
8 29	0 31.72	+ 2 42.7	2.284	3.182	9.8	20.8
9 8	0 26.26	+ 2 7.6	2.227	3.187	6.6	20.7
9 18	0 19.58	+ 1 24.9	2.197	3.191	3.1	20.4
9 28	0 12.33	+ 0 39.1	2.195	3.196	0.6	20.2
10 8	0 5.24	− 0 5.2	2.221	3.201	4.2	20.5
10 18	23 59.02	− 0 43.5	2.276	3.205	7.6	20.8
10 28	23 54.26	− 1 12.0	2.357	3.210	10.6	21.0

481680 2007 YF_{49} 9 26.6 201.°90 3.°9/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 37.48	+15 28.5	2.281	3.038	14.6	21.5
8 29	0 33.49	+15 34.7	2.187	3.036	12.2	21.3
9 8	0 27.61	+15 23.5	2.113	3.033	9.3	21.2
9 18	0 20.28	+14 54.9	2.064	3.031	6.3	21.0
9 28	0 12.20	+14 10.7	2.041	3.028	4.0	20.8
10 8	0 4.22	+13 15.2	2.047	3.024	4.7	20.9
10 18	23 57.14	+12 14.0	2.080	3.021	7.5	21.0
10 28	23 51.66	+11 13.7	2.141	3.017	10.6	21.2

238553 2004 XX_{4} 9 26.6 291.°29 1.°6/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 38.94	− 0 39.1	1.690	2.529	15.7	20.7
8 29	0 35.33	− 1 1.7	1.597	2.510	12.4	20.5
9 8	0 29.27	− 1 35.6	1.525	2.492	8.3	20.2
9 18	0 21.21	− 2 16.8	1.477	2.473	3.9	19.9
9 28	0 12.04	− 2 59.4	1.455	2.455	2.1	19.7
10 8	0 2.88	− 3 36.5	1.460	2.436	6.5	20.0
10 18	23 54.87	− 4 2.2	1.491	2.417	11.1	20.2
10 28	23 48.97	− 4 12.1	1.544	2.399	15.1	20.4

11996 1995 YC_{1} 9 26.6 54.°07 7.°9/17.0 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 36.08	−19 30.9	2.062	2.915	12.7	17.9
8 29	0 32.45	−21 4.0	2.011	2.920	10.4	17.8
9 8	0 26.87	−22 32.8	1.984	2.925	8.6	17.7
9 18	0 19.89	−23 49.1	1.982	2.930	7.9	17.7
9 28	0 12.29	−24 45.6	2.006	2.935	8.9	17.8
10 8	0 4.98	−25 17.4	2.055	2.941	10.8	17.9
10 18	23 58.77	−25 23.0	2.127	2.946	13.0	18.0
10 28	23 54.30	−25 3.6	2.218	2.952	15.0	18.2

224714 2006 BO_{152} 9 26.6 33.°17 0.°2/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 36.66	+ 2 33.8	2.264	3.080	13.0	20.8
8 29	0 32.70	+ 2 19.5	2.183	3.082	10.2	20.6
9 8	0 26.98	+ 1 55.5	2.123	3.083	6.9	20.4
9 18	0 19.94	+ 1 24.2	2.090	3.085	3.2	20.2
9 28	0 12.28	+ 0 49.5	2.085	3.086	0.6	20.0
10 8	0 4.77	+ 0 16.1	2.108	3.088	4.4	20.3
10 18	23 58.17	− 0 11.7	2.159	3.090	7.9	20.5
10 28	23 53.11	− 0 30.4	2.236	3.091	11.0	20.7

449047 2012 DU_{27} 9 26.6 206.°75 0.°6/25.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 37.38	+ 0 34.1	3.032	3.838	10.3	22.5
8 29	0 32.81	+ 0 14.3	2.937	3.832	8.0	22.3
9 8	0 26.84	− 0 12.3	2.866	3.825	5.4	22.1
9 18	0 19.83	− 0 43.3	2.823	3.818	2.5	21.9
9 28	0 12.30	− 1 15.7	2.810	3.810	1.0	21.8
10 8	0 4.85	− 1 45.8	2.827	3.802	3.8	22.0
10 18	23 58.05	− 2 10.7	2.874	3.794	6.6	22.2
10 28	23 52.43	− 2 27.5	2.948	3.785	9.2	22.4

35850 1999 JS_{62} 9 26.6 57.°91 2.°7/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 38.63	− 1 0.0	1.440	2.291	17.4	18.3
8 29	0 34.88	− 2 0.6	1.393	2.314	13.3	18.1
9 8	0 28.68	− 3 13.1	1.367	2.337	8.7	17.9
9 18	0 20.75	− 4 30.2	1.365	2.361	4.2	17.7
9 28	0 12.17	− 5 42.7	1.388	2.385	3.3	17.7
10 8	0 4.13	− 6 42.4	1.438	2.409	7.3	18.0
10 18	23 57.62	− 7 23.4	1.513	2.433	11.4	18.3
10 28	23 53.38	− 7 43.1	1.609	2.457	15.0	18.6

124858 2001 TX_{24} 9 26.6 61.°53 3.°9/29.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 41.24	+12 46.2	1.150	1.970	22.7	19.7
8 29	0 37.65	+12 47.0	1.100	1.991	18.4	19.5
9 8	0 30.94	+12 19.7	1.066	2.013	13.4	19.2
9 18	0 21.92	+11 25.7	1.052	2.036	8.1	19.0
9 28	0 11.97	+10 11.3	1.061	2.058	4.1	18.9
10 8	0 2.66	+ 8 47.4	1.095	2.081	6.3	19.1
10 18	23 55.33	+ 7 25.7	1.153	2.103	11.1	19.4
10 28	23 50.87	+ 6 16.5	1.233	2.126	15.5	19.7

478677 2012 TO_{294} 9 26.6 7.°24 7.°6/ 4.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 29.14	+22 45.8	1.296	2.078	22.6	20.9
8 29	0 28.33	+22 52.7	1.225	2.079	19.4	20.7
9 8	0 24.80	+22 23.8	1.168	2.081	15.7	20.5
9 18	0 19.14	+21 16.7	1.129	2.084	11.7	20.3
9 28	0 12.41	+19 34.0	1.111	2.089	8.4	20.1
10 8	0 5.93	+17 25.2	1.117	2.094	7.8	20.1
10 18	0 0.94	+15 4.4	1.147	2.101	10.6	20.3
10 28	23 58.38	+12 47.4	1.200	2.110	14.5	20.5

38014 1998 KO_{61} 9 26.6 84.°51 0.°5/25.9 18

8 19	0 35.56	+ 5 36.0	1.766	2.590	15.8	18.8
8 29	0 32.24	+ 4 26.8	1.699	2.603	12.3	18.6
9 8	0 26.83	+ 2 59.9	1.654	2.617	8.2	18.4
9 18	0 19.90	+ 1 20.8	1.634	2.630	3.8	18.1
9 28	0 12.30	− 0 22.3	1.642	2.643	1.1	17.9
10 8	0 5.01	− 2 0.3	1.678	2.657	5.5	18.3
10 18	23 58.91	− 3 25.2	1.741	2.670	9.6	18.6
10 28	23 54.68	− 4 31.2	1.828	2.683	13.2	18.8

65894 Echizenmisaki 9 26.6 331.°33 0.°5/26.2 18

8 19	0 35.37	+ 3 32.3	1.194	2.052	19.8	17.8
8 29	0 33.35	+ 3 8.6	1.119	2.042	15.7	17.6
9 8	0 28.34	+ 2 24.9	1.062	2.032	10.7	17.2
9 18	0 20.88	+ 1 25.2	1.026	2.023	5.0	16.9
9 28	0 12.11	+ 0 17.5	1.013	2.015	1.2	16.6
10 8	0 3.51	− 0 47.6	1.025	2.008	7.1	17.0
10 18	23 56.49	− 1 40.3	1.059	2.001	12.7	17.3
10 28	23 52.17	− 2 13.1	1.113	1.995	17.6	17.6

245865 2006 PR_{15} 9 26.6 4.°20 6.°1/21.2 18

8 19	0 31.71	− 8 12.6	1.300	2.181	17.0	19.3
8 29	0 30.03	− 9 32.7	1.244	2.180	13.2	19.0
9 8	0 25.76	−11 0.1	1.208	2.181	9.2	18.8
9 18	0 19.51	−12 24.8	1.194	2.183	6.4	18.7
9 28	0 12.36	−13 35.4	1.205	2.186	7.1	18.7
10 8	0 5.56	−14 22.9	1.239	2.191	10.5	18.9
10 18	0 0.23	−14 42.5	1.294	2.197	14.4	19.2
10 28	23 57.20	−14 33.3	1.370	2.204	17.9	19.4

382425 1998 YQ_{21} 9 26.6 308.°13 4.°3/23.0 18

8 19	0 35.63	− 4 11.1	1.394	2.258	17.1	20.8
8 29	0 33.27	− 5 10.8	1.308	2.236	13.3	20.5
9 8	0 28.16	− 6 23.7	1.242	2.215	9.1	20.2
9 18	0 20.79	− 7 42.7	1.199	2.194	5.1	19.9
9 28	0 12.13	− 8 57.5	1.181	2.173	5.1	19.9
10 8	0 3.49	− 9 57.7	1.188	2.153	9.3	20.1
10 18	23 56.18	−10 35.3	1.217	2.133	14.0	20.3
10 28	23 51.28	−10 46.1	1.267	2.113	18.3	20.5

317737 2003 SN_{8} 9 26.6 81.°14 0.°2/26.8 18

8 19	0 33.48	+ 5 54.1	2.339	3.148	12.9	21.0
8 29	0 30.17	+ 5 11.8	2.259	3.153	10.1	20.8
9 8	0 25.24	+ 4 16.3	2.201	3.158	6.9	20.6
9 18	0 19.12	+ 3 10.9	2.170	3.163	3.3	20.4
9 28	0 12.44	+ 2 0.3	2.167	3.168	0.5	20.2
10 8	0 5.92	+ 0 50.4	2.193	3.174	4.1	20.5
10 18	0 0.25	− 0 13.3	2.247	3.179	7.6	20.7
10 28	23 56.00	− 1 5.9	2.327	3.184	10.6	20.9

151648 2002 XQ_{70} 9 26.6 289.°08 5.°0/30.6 18

8 19	0 37.99	+14 41.6	1.579	2.369	18.8	19.7
8 29	0 34.96	+15 4.2	1.482	2.352	15.8	19.5
9 8	0 29.25	+15 4.8	1.403	2.335	12.1	19.2
9 18	0 21.31	+14 41.5	1.345	2.318	8.2	18.9
9 28	0 12.04	+13 55.5	1.311	2.301	5.2	18.7
10 8	0 2.70	+12 52.0	1.303	2.283	6.3	18.8
10 18	23 54.56	+11 39.6	1.320	2.266	10.3	18.9
10 28	23 48.74	+10 28.4	1.360	2.250	14.5	19.1

371885 2008 CG_{68} 9 26.6 230.°52 3.°7/29.9 17

8 19	0 40.78	+13 17.6	1.816	2.596	17.1	22.0
8 29	0 36.67	+13 21.9	1.719	2.585	14.1	21.7
9 8	0 30.13	+13 6.2	1.641	2.575	10.6	21.5
9 18	0 21.62	+12 30.0	1.586	2.563	6.7	21.3
9 28	0 12.01	+11 35.9	1.558	2.551	3.8	21.1
10 8	0 2.41	+10 29.4	1.556	2.538	5.4	21.1
10 18	23 53.93	+ 9 18.3	1.582	2.525	9.3	21.3
10 28	23 47.54	+ 8 11.2	1.633	2.511	13.2	21.5

168383 1997 MG_{8} 9 26.6 42.°14 3.°5/28.9 18

8 19	0 39.89	+10 3.8	1.075	1.913	22.8	19.5
8 29	0 36.88	+10 20.0	1.023	1.927	18.4	19.2
9 8	0 30.59	+10 10.6	0.987	1.943	13.3	19.0
9 18	0 21.84	+ 9 36.9	0.971	1.959	7.7	18.7
9 28	0 12.01	+ 8 44.2	0.977	1.976	3.5	18.6
10 8	0 2.76	+ 7 42.6	1.007	1.993	6.5	18.8
10 18	23 55.52	+ 6 42.6	1.060	2.011	11.6	19.2
10 28	23 51.26	+ 5 53.9	1.133	2.030	16.3	19.5

516141 2015 VG_{143} 9 26.6 8.°52 6.°7/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 36.76	−14 31.1	1.818	2.677	13.9	20.4
8 29	0 33.21	−15 34.7	1.758	2.678	11.1	20.3
9 8	0 27.50	−16 37.5	1.721	2.679	8.3	20.1
9 18	0 20.24	−17 31.9	1.708	2.681	6.7	20.0
9 28	0 12.27	−18 10.4	1.721	2.684	7.4	20.1
10 8	0 4.61	−18 27.9	1.760	2.687	9.8	20.2
10 18	23 58.16	−18 22.1	1.822	2.690	12.7	20.4
10 28	23 53.63	−17 53.5	1.905	2.694	15.3	20.6

341995 2008 RA_{21} 9 26.6 62.°56 1.°0/27.5 16

8 19	0 38.59	+ 6 53.6	1.529	2.353	17.8	21.9
8 29	0 34.92	+ 6 33.3	1.467	2.367	14.1	21.7
9 8	0 28.80	+ 5 54.8	1.424	2.382	9.7	21.5
9 18	0 20.88	+ 5 1.3	1.404	2.397	4.9	21.3
9 28	0 12.17	+ 3 59.1	1.410	2.412	1.1	21.0
10 8	0 3.85	+ 2 56.0	1.443	2.427	5.3	21.4
10 18	23 56.95	+ 1 59.8	1.501	2.442	9.8	21.7
10 28	23 52.28	+ 1 16.7	1.583	2.457	13.8	21.9

181900 1999 RX_{212} 9 26.6 2.°22 3.°3/30.4 18

8 19	0 31.59	+14 55.2	1.834	2.623	16.6	19.3
8 29	0 29.31	+14 28.6	1.751	2.622	13.7	19.1
9 8	0 24.98	+13 38.9	1.686	2.622	10.2	18.9
9 18	0 19.10	+12 27.4	1.645	2.622	6.4	18.7
9 28	0 12.45	+10 58.5	1.629	2.623	3.5	18.5
10 8	0 5.97	+ 9 19.9	1.640	2.625	4.8	18.6
10 18	0 0.53	+ 7 40.5	1.679	2.627	8.4	18.8
10 28	23 56.89	+ 6 9.2	1.743	2.629	12.0	19.0

476291 2007 VS_{284} 9 26.6 77.°47 3.°9/22.9 18

8 19	0 38.72	− 7 4.2	1.884	2.730	14.1	21.5
8 29	0 34.63	− 7 50.5	1.814	2.732	10.9	21.3
9 8	0 28.43	− 8 41.8	1.768	2.734	7.4	21.1
9 18	0 20.68	− 9 32.5	1.746	2.736	4.4	20.9
9 28	0 12.20	−10 15.8	1.752	2.739	4.5	20.9
10 8	0 3.99	−10 45.8	1.784	2.741	7.5	21.1
10 18	23 56.93	−10 58.9	1.843	2.743	10.9	21.3
10 28	23 51.76	−10 53.7	1.924	2.746	14.0	21.5

439461 2013 YP_{35} 9 26.6 67.°87 7.°4/18.8 18

8 19	0 36.37	−12 34.0	1.616	2.481	15.1	19.8
8 29	0 33.19	−14 26.0	1.559	2.483	11.9	19.6
9 8	0 27.66	−16 21.1	1.525	2.486	8.9	19.4
9 18	0 20.36	−18 8.4	1.516	2.488	7.4	19.3
9 28	0 12.25	−19 37.1	1.532	2.491	8.5	19.4
10 8	0 4.45	−20 39.2	1.574	2.494	11.3	19.6
10 18	23 57.96	−21 10.8	1.638	2.496	14.4	19.8
10 28	23 53.59	−21 12.1	1.722	2.499	17.2	20.0

88542 2001 QY_{190} 9 26.6 217.°10 6.°1/18.9 18

8 19	0 36.00	−13 10.9	2.120	2.972	12.5	19.7
8 29	0 32.39	−14 44.8	2.052	2.968	9.9	19.6
9 8	0 26.88	−16 20.7	2.007	2.964	7.4	19.4
9 18	0 19.95	−17 50.9	1.989	2.960	6.2	19.3
9 28	0 12.32	−19 7.3	1.999	2.956	7.0	19.4
10 8	0 4.87	−20 3.7	2.035	2.951	9.4	19.5
10 18	23 58.40	−20 36.5	2.096	2.946	12.0	19.7
10 28	23 53.59	−20 44.9	2.178	2.941	14.4	19.8

322434 2011 SM_{221} 9 26.6 352.°03 2.°0/24.9 18

8 19	0 39.58	− 2 21.2	1.776	2.615	15.1	20.8
8 29	0 35.48	− 2 39.9	1.701	2.614	11.7	20.6
9 8	0 29.12	− 3 7.0	1.646	2.613	7.8	20.3
9 18	0 21.05	− 3 38.1	1.616	2.612	3.7	20.1
9 28	0 12.14	− 4 7.9	1.613	2.611	2.4	20.0
10 8	0 3.46	− 4 30.6	1.637	2.611	6.2	20.2
10 18	23 55.99	− 4 42.0	1.688	2.611	10.3	20.5
10 28	23 50.52	− 4 39.1	1.762	2.610	13.8	20.7

196474 2003 JX_{13} 9 26.6 84.°77 0.°7/25.9 18

8 19	0 39.34	+ 4 2.1	1.742	2.565	16.0	20.2
8 29	0 35.06	+ 3 7.9	1.687	2.590	12.4	20.0
9 8	0 28.63	+ 1 58.9	1.653	2.615	8.2	19.9
9 18	0 20.71	+ 0 40.4	1.645	2.640	3.7	19.6
9 28	0 12.22	− 0 40.2	1.663	2.665	1.2	19.5
10 8	0 4.15	− 1 55.0	1.710	2.688	5.5	19.9
10 18	23 57.41	− 2 57.3	1.784	2.712	9.5	20.2
10 28	23 52.64	− 3 42.9	1.883	2.735	12.9	20.4

473416 2015 VB_{120} 9 26.6 306.°14 2.°7/29.5 18

8 19	0 33.20	+12 13.9	2.050	2.840	15.1	21.2
8 29	0 30.52	+11 59.2	1.940	2.815	12.4	20.9
9 8	0 25.86	+11 25.6	1.850	2.791	9.1	20.7
9 18	0 19.58	+10 33.6	1.785	2.766	5.6	20.4
9 28	0 12.37	+ 9 26.1	1.745	2.742	2.8	20.2
10 8	0 5.11	+ 8 9.0	1.734	2.718	4.6	20.3
10 18	23 58.70	+ 6 49.5	1.749	2.694	8.4	20.4
10 28	23 53.95	+ 5 35.5	1.790	2.670	12.1	20.6

209288 2003 YE_{48} 9 26.6 257.°48 1.°3/27.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 37.36	+ 7 22.8	1.945	2.752	15.2	21.2
8 29	0 33.67	+ 7 10.0	1.856	2.746	12.1	21.0
9 8	0 27.89	+ 6 41.9	1.788	2.741	8.5	20.7
9 18	0 20.49	+ 6 0.2	1.745	2.735	4.5	20.5
9 28	0 12.24	+ 5 9.2	1.729	2.729	1.3	20.2
10 8	0 4.10	+ 4 14.8	1.740	2.724	4.6	20.5
10 18	23 56.99	+ 3 23.1	1.779	2.718	8.7	20.7
10 28	23 51.70	+ 2 40.2	1.843	2.712	12.3	20.9

425707 2011 BR_{10} 9 26.6 169.°24 0.°3/26.3 17

8 19	0 40.29	+ 3 52.4	1.920	2.734	15.1	22.1
8 29	0 35.86	+ 3 18.2	1.840	2.738	11.8	21.9
9 8	0 29.29	+ 2 30.1	1.782	2.741	8.0	21.7
9 18	0 21.10	+ 1 31.8	1.749	2.744	3.7	21.5
9 28	0 12.14	+ 0 28.7	1.745	2.746	0.8	21.2
10 8	0 3.40	− 0 32.1	1.769	2.748	5.2	21.6
10 18	23 55.78	− 1 24.6	1.820	2.749	9.3	21.8
10 28	23 50.06	− 2 3.7	1.896	2.749	12.8	22.0

346249 2008 DY_{4} 9 26.6 22.°69 8.°2/28.9 16

8 19	0 59.28	+ 8 46.7	1.016	1.832	25.4	20.0
8 29	0 53.16	+11 17.8	0.948	1.834	21.2	19.7
9 8	0 42.48	+13 38.9	0.897	1.837	16.2	19.5
9 18	0 27.86	+15 40.8	0.866	1.841	11.2	19.2
9 28	0 10.99	+17 14.5	0.859	1.845	8.3	19.1
10 8	23 54.32	+18 16.8	0.876	1.849	10.3	19.2
10 18	23 40.25	+18 51.5	0.917	1.854	14.9	19.5
10 28	23 30.46	+19 8.9	0.978	1.860	19.5	19.8

340037 2005 UX_{476} 9 26.6 288.°41 1.°8/24.0 17

8 19	0 32.68	− 3 30.0	3.043	3.870	9.7	21.3
8 29	0 29.23	− 4 3.6	2.949	3.857	7.5	21.1
9 8	0 24.48	− 4 42.4	2.878	3.843	5.0	20.9
9 18	0 18.76	− 5 23.4	2.836	3.830	2.5	20.8
9 28	0 12.54	− 6 2.9	2.822	3.816	2.1	20.7
10 8	0 6.38	− 6 37.2	2.838	3.803	4.5	20.9
10 18	0 0.81	− 7 3.2	2.882	3.790	7.1	21.0
10 28	23 56.32	− 7 18.5	2.951	3.776	9.5	21.2

29984 Zefferer 9 26.6 185.°96 1.°3/27.9 18

8 19	0 38.31	+ 7 39.7	1.990	2.792	15.0	20.0
8 29	0 34.31	+ 7 25.9	1.905	2.792	12.0	19.8
9 8	0 28.26	+ 6 56.9	1.841	2.792	8.4	19.5
9 18	0 20.63	+ 6 14.6	1.802	2.792	4.5	19.3
9 28	0 12.22	+ 5 23.2	1.790	2.791	1.3	19.1
10 8	0 3.97	+ 4 28.4	1.807	2.790	4.5	19.3
10 18	23 56.75	+ 3 36.4	1.851	2.789	8.5	19.5
10 28	23 51.34	+ 2 52.9	1.920	2.787	12.0	19.8

136443 2005 EN_{67} 9 26.6 102.°42 1.°6/24.7 18

8 19	0 36.58	+ 1 4.2	2.036	2.864	13.9	19.9
8 29	0 32.72	+ 0 0.6	1.972	2.879	10.7	19.7
9 8	0 27.01	− 1 14.5	1.929	2.895	7.0	19.6
9 18	0 19.97	− 2 35.8	1.914	2.910	3.2	19.3
9 28	0 12.36	− 3 56.5	1.926	2.924	2.1	19.3
10 8	0 5.03	− 5 9.6	1.968	2.939	5.6	19.6
10 18	23 58.75	− 6 9.5	2.036	2.953	9.1	19.8
10 28	23 54.15	− 6 52.4	2.130	2.967	12.2	20.0

84601 2002 VR_{32} 9 26.6 261.°10 0.°5/27.1 18

8 19	0 36.29	+ 5 53.7	2.144	2.952	13.9	20.3
8 29	0 32.70	+ 5 27.2	2.046	2.939	11.0	20.1
9 8	0 27.18	+ 4 46.5	1.969	2.924	7.6	19.8
9 18	0 20.16	+ 3 54.1	1.917	2.910	3.8	19.6
9 28	0 12.32	+ 2 54.1	1.894	2.895	0.6	19.3
10 8	0 4.52	+ 1 52.7	1.899	2.881	4.5	19.6
10 18	23 57.59	+ 0 55.8	1.931	2.865	8.4	19.8
10 28	23 52.29	+ 0 9.0	1.989	2.850	12.0	20.0

71891 2000 WV_{6} 9 26.6 292.°68 3.°3/28.8 18

8 19	0 40.49	+ 9 12.2	1.410	2.228	19.4	19.1
8 29	0 37.24	+ 9 37.8	1.317	2.210	15.9	18.8
9 8	0 31.01	+ 9 45.0	1.241	2.191	11.7	18.5
9 18	0 22.25	+ 9 32.9	1.187	2.173	6.9	18.2
9 28	0 11.96	+ 9 3.4	1.157	2.155	3.4	17.9
10 8	0 1.55	+ 8 22.4	1.152	2.136	6.2	18.0
10 18	23 52.50	+ 7 37.9	1.171	2.118	11.3	18.3
10 28	23 46.05	+ 6 58.6	1.213	2.101	16.1	18.5

67076 2000 AC_{19} 9 26.6 178.°36 3.°5/ 1.2 18

8 19	0 35.98	+16 1.5	2.695	3.441	12.9	19.6
8 29	0 32.01	+16 3.8	2.601	3.442	10.7	19.4
9 8	0 26.46	+15 50.8	2.528	3.443	8.2	19.3
9 18	0 19.73	+15 22.6	2.480	3.443	5.6	19.1
9 28	0 12.41	+14 41.2	2.459	3.443	3.7	19.0
10 8	0 5.18	+13 49.9	2.467	3.443	4.2	19.0
10 18	23 58.70	+12 53.6	2.504	3.443	6.5	19.2
10 28	23 53.57	+11 57.4	2.568	3.442	9.1	19.3

391792 2008 RE_{70} 9 26.6 13.°18 0.°3/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 28.20	+ 2 0.4	4.403	5.209	7.3	21.1
8 29	0 25.34	+ 1 31.8	4.314	5.209	5.7	21.0
9 8	0 21.65	+ 0 58.0	4.251	5.209	3.8	20.9
9 18	0 17.37	+ 0 20.5	4.215	5.210	1.7	20.7
9 28	0 12.81	− 0 18.2	4.209	5.210	0.5	20.6
10 8	0 8.31	− 0 55.7	4.233	5.210	2.6	20.8
10 18	0 4.20	− 1 29.8	4.287	5.211	4.5	20.9
10 28	0 0.79	− 1 58.4	4.369	5.211	6.3	21.1

322077 2010 VC_{115} 9 26.6 4.°78 2.°9/23.8 18

8 19	0 34.22	− 3 1.5	1.759	2.610	14.7	20.4
8 29	0 31.32	− 3 50.6	1.689	2.610	11.3	20.2
9 8	0 26.32	− 4 49.0	1.641	2.611	7.5	20.0
9 18	0 19.74	− 5 51.1	1.617	2.612	3.9	19.8
9 28	0 12.42	− 6 49.8	1.619	2.614	3.4	19.8
10 8	0 5.32	− 7 37.9	1.649	2.616	6.9	20.0
10 18	23 59.36	− 8 10.5	1.703	2.619	10.7	20.2
10 28	23 55.24	− 8 24.3	1.780	2.622	14.0	20.4

286872 2002 OZ_{15} 9 26.6 34.°77 8.°8/ 5.3 18

8 19	0 38.19	+24 31.9	1.676	2.407	20.1	19.6
8 29	0 34.88	+25 28.3	1.603	2.415	17.6	19.5
9 8	0 29.00	+25 58.6	1.545	2.423	14.6	19.3
9 18	0 21.11	+25 58.9	1.507	2.433	11.7	19.1
9 28	0 12.19	+25 28.3	1.491	2.442	9.4	19.0
10 8	0 3.48	+24 30.8	1.499	2.452	8.9	19.0
10 18	23 56.12	+23 14.0	1.531	2.463	10.4	19.1
10 28	23 51.06	+21 48.4	1.588	2.474	13.0	19.3

506450 2001 TU_{158} 9 26.6 6.°02 1.°3/25.8 17

8 19	0 34.23	+ 0 38.5	0.869	1.757	22.7	20.6
8 29	0 33.15	+ 0 33.2	0.816	1.756	17.8	20.3
9 8	0 28.51	+ 0 9.9	0.779	1.756	12.0	20.0
9 18	0 21.04	− 0 26.1	0.760	1.759	5.5	19.7
9 28	0 12.21	− 1 5.6	0.762	1.763	2.0	19.5
10 8	0 3.87	− 1 38.0	0.785	1.769	8.3	19.9
10 18	23 57.63	− 1 54.8	0.828	1.777	14.3	20.2
10 28	23 54.63	− 1 50.8	0.888	1.786	19.4	20.6

393050 2013 AZ_{39} 9 26.6 333.°76 2.°2/22.2 18

8 19	0 28.72	− 7 50.2	4.214	5.047	7.2	20.4
8 29	0 25.78	− 8 31.5	4.135	5.045	5.5	20.2
9 8	0 21.97	− 9 14.7	4.081	5.044	3.7	20.1
9 18	0 17.54	− 9 57.3	4.055	5.043	2.3	20.0
9 28	0 12.80	−10 36.5	4.059	5.042	2.5	20.0
10 8	0 8.14	−11 9.7	4.093	5.041	4.0	20.1
10 18	0 3.90	−11 35.0	4.155	5.040	5.7	20.3
10 28	0 0.41	−11 50.8	4.243	5.039	7.4	20.4

299079 2005 EQ_{25} 9 26.6 272.°54 3.°2/22.9 18

8 19	0 34.44	− 1 49.0	1.873	2.717	14.2	20.8
8 29	0 31.52	− 3 15.1	1.785	2.704	11.0	20.6
9 8	0 26.53	− 4 54.9	1.720	2.690	7.3	20.4
9 18	0 19.90	− 6 41.9	1.681	2.676	3.9	20.1
9 28	0 12.40	− 8 26.9	1.670	2.661	4.0	20.1
10 8	0 4.98	−10 0.8	1.687	2.647	7.5	20.3
10 18	23 58.55	−11 16.0	1.729	2.633	11.3	20.5
10 28	23 53.91	−12 7.8	1.795	2.618	14.7	20.7

131005 2000 XF_{2} 9 26.6 216.°61 1.°7/28.5 18

8 19	0 38.76	+ 9 22.2	2.280	3.065	13.9	20.1
8 29	0 34.50	+ 9 8.1	2.182	3.057	11.2	19.9
9 8	0 28.33	+ 8 39.2	2.105	3.049	8.0	19.7
9 18	0 20.70	+ 7 56.7	2.054	3.040	4.5	19.5
9 28	0 12.30	+ 7 4.1	2.031	3.030	1.7	19.3
10 8	0 3.95	+ 6 6.3	2.037	3.020	4.2	19.4
10 18	23 56.48	+ 5 9.1	2.072	3.009	7.8	19.6
10 28	23 50.60	+ 4 18.2	2.133	2.998	11.1	19.8

455075 2015 UX_{47} 9 26.6 221.°37 4.°0/21.5 18

8 19	0 34.87	− 8 52.3	2.458	3.301	11.3	20.4
8 29	0 31.22	− 9 54.1	2.383	3.298	8.7	20.3
9 8	0 25.96	−10 59.4	2.332	3.295	6.1	20.1
9 18	0 19.51	−12 3.2	2.307	3.292	4.1	20.0
9 28	0 12.50	−12 59.5	2.312	3.290	4.5	20.0
10 8	0 5.63	−13 43.4	2.344	3.287	6.8	20.1
10 18	23 59.58	−14 11.5	2.403	3.283	9.5	20.3
10 28	23 54.93	−14 22.1	2.485	3.280	12.0	20.5

353880 2012 WF_{33} 9 26.6 316.°23 9.°2/18.8 18

8 19	0 39.53	−18 3.8	1.521	2.385	15.9	20.3
8 29	0 36.09	−19 16.6	1.450	2.368	13.0	20.0
9 8	0 29.92	−20 26.9	1.399	2.351	10.4	19.9
9 18	0 21.59	−21 24.6	1.371	2.335	9.2	19.7
9 28	0 12.15	−21 59.6	1.367	2.319	10.1	19.8
10 8	0 2.93	−22 4.9	1.387	2.303	12.8	19.9
10 18	23 55.15	−21 38.5	1.428	2.288	16.0	20.0
10 28	23 49.79	−20 42.2	1.488	2.274	19.0	20.2

128318 2004 ER_{18} 9 26.6 51°.44 6°.7/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 47.21	−12 7.9	1.216	2.079	19.1	18.6
8 29	0 41.83	−12 48.0	1.182	2.105	14.9	18.4
9 8	0 33.43	−13 27.1	1.167	2.132	10.5	18.2
9 18	0 23.01	−13 56.2	1.175	2.159	7.2	18.1
9 28	0 12.00	−14 7.2	1.207	2.187	7.3	18.2
10 8	0 1.91	−13 55.6	1.263	2.215	10.5	18.5
10 18	23 53.94	−13 21.3	1.343	2.243	14.2	18.8
10 28	23 48.82	−12 26.7	1.443	2.271	17.5	19.1

14236 1999 XZ_{200} 9 26.6 101°.76 4°.9/ 1.6 18

8 19	0 41.39	+16 46.8	2.035	2.786	16.4	18.3
8 29	0 36.68	+17 13.6	1.959	2.801	13.7	18.2
9 8	0 29.84	+17 21.6	1.903	2.815	10.6	18.0
9 18	0 21.41	+17 9.8	1.870	2.829	7.4	17.9
9 28	0 12.23	+16 39.6	1.863	2.843	5.1	17.7
10 8	0 3.28	+15 55.4	1.884	2.857	5.6	17.8
10 18	23 55.48	+15 3.0	1.932	2.870	8.2	18.0
10 28	23 49.58	+14 9.5	2.006	2.883	11.1	18.2

300657 2007 UL_{108} 9 26.6 297°.61 0°.2/26.4 18

8 19	0 37.08	+ 3 14.9	1.810	2.637	15.3	21.0
8 29	0 33.65	+ 2 54.3	1.723	2.628	12.1	20.8
9 8	0 28.01	+ 2 20.1	1.656	2.618	8.2	20.6
9 18	0 20.63	+ 1 35.4	1.613	2.609	3.9	20.3
9 28	0 12.34	+ 0 45.4	1.597	2.599	0.8	20.0
10 8	0 4.15	− 0 3.4	1.609	2.590	5.3	20.3
10 18	23 57.03	− 0 44.9	1.647	2.581	9.7	20.6
10 28	23 51.83	− 1 13.7	1.709	2.572	13.5	20.8

134219 2005 VJ_{120} 9 26.6 217°.50 5°.0/18.9 18

8 19	0 35.64	−15 37.5	3.000	3.837	9.6	20.3
8 29	0 31.57	−16 46.1	2.923	3.828	7.7	20.2
9 8	0 26.10	−17 54.2	2.871	3.819	5.9	20.1
9 18	0 19.57	−18 56.8	2.847	3.810	5.0	20.0
9 28	0 12.54	−19 48.9	2.852	3.800	5.6	20.0
10 8	0 5.60	−20 26.5	2.885	3.790	7.3	20.1
10 18	23 59.35	−20 47.3	2.943	3.779	9.3	20.3
10 28	23 54.29	−20 50.5	3.025	3.768	11.2	20.4

353348 2010 VR_{100} 9 26.6 231°.71 0°.2/26.2 18

8 19	0 28.59	+ 1 47.0	5.043	5.844	6.5	22.2
8 29	0 25.56	+ 1 27.0	4.945	5.837	5.1	22.1
9 8	0 21.78	+ 1 2.6	4.872	5.829	3.4	22.0
9 18	0 17.47	+ 0 35.1	4.827	5.821	1.6	21.8
9 28	0 12.90	+ 0 6.4	4.812	5.814	0.4	21.7
10 8	0 8.36	− 0 21.5	4.828	5.806	2.2	21.9
10 18	0 4.16	− 0 46.9	4.875	5.798	4.0	22.0
10 28	0 0.56	− 1 8.0	4.949	5.790	5.7	22.1

29746 1999 BB_{25} 9 26.6 306°.54 3°.3/29.3 18

8 19	0 36.97	+11 43.2	1.308	2.128	20.5	17.9
8 29	0 34.48	+11 39.2	1.227	2.121	16.8	17.7
9 8	0 29.09	+11 9.4	1.165	2.114	12.3	17.4
9 18	0 21.32	+10 14.1	1.122	2.108	7.3	17.1
9 28	0 12.25	+ 8 58.0	1.103	2.101	3.4	16.9
10 8	0 3.31	+ 7 30.6	1.109	2.095	6.1	17.0
10 18	23 55.88	+ 6 3.2	1.140	2.089	11.2	17.3
10 28	23 51.06	+ 4 47.0	1.192	2.084	16.0	17.5

240604 2004 VQ_{50} 9 26.6 300°.13 2°.7/24.3 18

8 19	0 36.65	− 1 49.0	1.606	2.455	15.9	20.4
8 29	0 33.67	− 2 33.9	1.518	2.438	12.4	20.2
9 8	0 28.24	− 3 31.3	1.451	2.421	8.4	19.9
9 18	0 20.84	− 4 35.9	1.408	2.404	4.1	19.6
9 28	0 12.33	− 5 39.9	1.390	2.387	3.3	19.5
10 8	0 3.88	− 6 34.8	1.399	2.370	7.4	19.7
10 18	23 56.61	− 7 13.7	1.433	2.354	11.9	20.0
10 28	23 51.47	− 7 32.2	1.488	2.337	15.9	20.2

184195 2004 PU_{33} 9 26.6 359°.31 0°.5/27.0 18

8 19	0 33.69	+ 5 2.9	1.674	2.506	16.2	20.1
8 29	0 31.10	+ 4 45.8	1.597	2.504	12.8	19.9
9 8	0 26.31	+ 4 13.1	1.541	2.502	8.8	19.6
9 18	0 19.83	+ 3 27.9	1.507	2.502	4.3	19.4
9 28	0 12.52	+ 2 35.4	1.500	2.502	0.6	19.1
10 8	0 5.38	+ 1 42.7	1.519	2.503	5.2	19.4
10 18	23 59.40	+ 0 56.4	1.564	2.505	9.5	19.7
10 28	23 55.36	+ 0 22.2	1.632	2.507	13.4	19.9

235113 2003 PX 9 26.6 17°.13 4°.1/22.4 18

8 19	0 30.67	− 0 47.3	1.346	2.214	17.3	19.2
8 29	0 29.15	− 2 40.8	1.287	2.218	13.2	18.9
9 8	0 25.16	− 4 51.9	1.249	2.224	8.7	18.7
9 18	0 19.32	− 7 9.8	1.235	2.230	4.7	18.5
9 28	0 12.62	− 9 21.0	1.247	2.238	5.1	18.6
10 8	0 6.24	−11 12.5	1.284	2.246	9.1	18.8
10 18	0 1.23	−12 35.7	1.345	2.255	13.4	19.1
10 28	23 58.40	−13 26.6	1.426	2.264	17.1	19.4

351174 2004 BE_{52} 9 26.6 249°.24 2°.7/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 36.51	− 2 55.8	2.269	3.101	12.5	21.1
8 29	0 32.78	− 3 58.9	2.173	3.084	9.7	20.9
9 8	0 27.22	− 5 11.5	2.101	3.067	6.5	20.6
9 18	0 20.23	− 6 28.7	2.056	3.050	3.4	20.4
9 28	0 12.47	− 7 44.1	2.040	3.032	3.2	20.4
10 8	0 4.74	− 8 51.1	2.052	3.013	6.3	20.5
10 18	23 57.84	− 9 44.2	2.092	2.994	9.7	20.7
10 28	23 52.46	−10 19.8	2.156	2.975	12.8	20.9

91876 1999 UO_{44} 9 26.6 265°.60 4°.1/22.0 18

8 19	0 38.25	− 9 52.1	2.392	3.231	11.7	19.4
8 29	0 34.00	−10 35.2	2.303	3.215	9.2	19.2
9 8	0 27.96	−11 21.1	2.237	3.198	6.4	19.0
9 18	0 20.54	−12 4.8	2.197	3.182	4.3	18.8
9 28	0 12.42	−12 41.0	2.186	3.165	4.6	18.8
10 8	0 4.38	−13 4.9	2.203	3.149	7.0	18.9
10 18	23 57.18	−13 13.4	2.247	3.132	9.9	19.1
10 28	23 51.49	−13 5.0	2.315	3.115	12.6	19.2

138096 2000 DL_{80} 9 26.6 108°.62 6°.7/18.5 18

8 19	0 37.41	−14 42.8	2.038	2.889	12.9	20.3
8 29	0 33.46	−16 25.6	1.989	2.903	10.2	20.2
9 8	0 27.58	−18 7.8	1.964	2.916	7.9	20.0
9 18	0 20.32	−19 40.9	1.965	2.929	6.8	20.0
9 28	0 12.48	−20 56.7	1.993	2.942	7.6	20.1
10 8	0 4.94	−21 49.8	2.048	2.954	9.8	20.2
10 18	23 58.52	−22 17.5	2.127	2.966	12.3	20.4
10 28	23 53.84	−22 20.3	2.227	2.978	14.5	20.6

379598 2011 CW_{33} 9 26.6 173°.09 3°.1/29.3 16

8 19	0 41.53	+10 54.4	1.719	2.512	17.4	21.6
8 29	0 37.26	+11 4.4	1.637	2.514	14.2	21.4
9 8	0 30.52	+10 56.0	1.574	2.515	10.4	21.1
9 18	0 21.86	+10 29.6	1.534	2.516	6.2	20.9
9 28	0 12.21	+ 9 48.1	1.520	2.516	3.2	20.7
10 8	0 2.74	+ 8 57.3	1.534	2.517	5.2	20.9
10 18	23 54.53	+ 8 4.4	1.574	2.517	9.3	21.1
10 28	23 48.49	+ 7 16.8	1.639	2.516	13.2	21.3

93682 2000 VM_{14} 9 26.6 357°.14 1°.6/25.3 18

8 19	0 33.70	+ 1 21.4	1.295	2.156	18.4	18.6
8 29	0 31.73	+ 0 42.9	1.227	2.152	14.3	18.3
9 8	0 27.06	− 0 12.5	1.178	2.149	9.6	18.0
9 18	0 20.29	− 1 19.2	1.150	2.148	4.4	17.8
9 28	0 12.47	− 2 28.3	1.147	2.147	2.2	17.6
10 8	0 4.91	− 3 30.1	1.168	2.147	7.2	17.9
10 18	23 58.82	− 4 16.3	1.213	2.149	12.2	18.2
10 28	23 55.13	− 4 41.5	1.279	2.151	16.5	18.5

28267 1999 CH_{10} 9 26.6 306°.52 3°.3/23.9 18

8 19	0 37.22	− 3 8.3	1.454	2.311	16.9	17.6
8 29	0 34.41	− 3 52.0	1.369	2.293	13.2	17.4
9 8	0 28.91	− 4 47.9	1.304	2.275	8.9	17.1
9 18	0 21.23	− 5 49.9	1.261	2.257	4.6	16.8
9 28	0 12.32	− 6 49.4	1.245	2.240	4.0	16.7
10 8	0 3.46	− 7 37.3	1.253	2.223	8.2	16.9
10 18	23 55.92	− 8 6.7	1.285	2.206	12.9	17.1
10 28	23 50.73	− 8 13.6	1.338	2.190	17.2	17.3

155892 2001 FP_{93} 9 26.6 231°.66 4°.2/21.2 18

8 19	0 35.00	− 9 23.0	2.424	3.268	11.4	20.0
8 29	0 31.39	−10 29.7	2.348	3.263	8.8	19.8
9 8	0 26.13	−11 40.0	2.296	3.259	6.2	19.7
9 18	0 19.66	−12 48.4	2.271	3.254	4.4	19.5
9 28	0 12.59	−13 48.8	2.274	3.249	4.8	19.6
10 8	0 5.66	−14 35.9	2.305	3.244	7.1	19.7
10 18	23 59.55	−15 6.3	2.362	3.239	9.8	19.9
10 28	23 54.86	−15 18.2	2.443	3.234	12.3	20.0

166115 2002 CO_{208} 9 26.6 199°.15 0°.1/26.3 18

8 19	0 28.60	+ 2 21.9	4.984	5.783	6.6	21.6
8 29	0 25.58	+ 2 1.2	4.890	5.781	5.1	21.5
9 8	0 21.81	+ 1 35.7	4.822	5.778	3.4	21.4
9 18	0 17.50	+ 1 7.1	4.782	5.776	1.6	21.2
9 28	0 12.95	+ 0 37.0	4.772	5.773	0.3	21.1
10 8	0 8.44	+ 0 7.5	4.793	5.771	2.2	21.3
10 18	0 4.27	− 0 19.5	4.843	5.768	4.0	21.4
10 28	0 0.72	− 0 42.2	4.922	5.765	5.7	21.5

48557 1993 TJ_{37} 9 26.6 276°.56 1°.8/24.8 18

8 19	0 36.77	− 0 25.8	1.987	2.820	14.0	19.6
8 29	0 33.27	− 1 7.3	1.892	2.802	10.9	19.4
9 8	0 27.72	− 2 0.2	1.819	2.785	7.3	19.2
9 18	0 20.53	− 3 0.3	1.771	2.767	3.5	18.9
9 28	0 12.45	− 4 1.5	1.751	2.749	2.3	18.8
10 8	0 4.40	− 4 56.9	1.759	2.731	6.0	19.0
10 18	23 57.29	− 5 40.9	1.794	2.713	10.0	19.2
10 28	23 51.93	− 6 8.9	1.852	2.695	13.5	19.4

514297 2015 TR_{127} 9 26.6 90.°50 6.°5/18.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 37.94	−18 22.0	2.404	3.247	11.5	21.2
8 29	0 33.53	−19 31.6	2.358	3.263	9.3	21.0
9 8	0 27.46	−20 37.3	2.336	3.279	7.4	21.0
9 18	0 20.22	−21 32.8	2.340	3.294	6.5	20.9
9 28	0 12.53	−22 12.5	2.371	3.310	7.1	21.0
10 8	0 5.15	−22 32.9	2.428	3.325	8.9	21.1
10 18	23 58.76	−22 32.8	2.510	3.341	10.9	21.3
10 28	23 53.92	−22 12.8	2.614	3.356	12.8	21.5

253356 2003 FA_{133} 9 26.6 330.°94 0.°2/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 29.87	+ 1 51.6	4.041	4.846	7.9	20.5
8 29	0 26.74	+ 1 33.3	3.949	4.843	6.2	20.4
9 8	0 22.68	+ 1 9.5	3.882	4.840	4.1	20.2
9 18	0 17.95	+ 0 42.0	3.843	4.837	1.9	20.1
9 28	0 12.89	+ 0 12.9	3.833	4.835	0.5	19.9
10 8	0 7.89	− 0 15.3	3.854	4.832	2.7	20.1
10 18	0 3.32	− 0 40.3	3.904	4.829	4.9	20.3
10 28	23 59.54	− 0 59.8	3.981	4.826	6.8	20.4

338852 2003 YU_{6} 9 26.6 192.°91 5.°3/ 2.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 41.14	+19 1.0	2.382	3.108	14.9	20.9
8 29	0 36.40	+19 33.7	2.286	3.107	12.7	20.7
9 8	0 29.68	+19 49.4	2.209	3.105	10.1	20.5
9 18	0 21.42	+19 46.5	2.156	3.103	7.5	20.4
9 28	0 12.33	+19 25.2	2.130	3.100	5.6	20.2
10 8	0 3.29	+18 48.3	2.131	3.097	5.7	20.3
10 18	23 55.14	+18 0.7	2.161	3.093	7.8	20.4
10 28	23 48.66	+17 8.6	2.217	3.089	10.4	20.5

177283 2003 WG_{152} 9 26.6 270.°60 3.°5/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 38.20	− 2 34.5	1.498	2.351	16.7	21.0
8 29	0 35.03	− 3 36.4	1.418	2.339	13.0	20.8
9 8	0 29.23	− 4 51.9	1.358	2.328	8.7	20.5
9 18	0 21.35	− 6 14.1	1.321	2.316	4.6	20.2
9 28	0 12.34	− 7 33.5	1.311	2.304	4.2	20.2
10 8	0 3.45	− 8 40.3	1.326	2.293	8.3	20.4
10 18	23 55.89	− 9 26.9	1.366	2.281	12.8	20.6
10 28	23 50.63	− 9 49.2	1.427	2.269	16.9	20.8

215831 2005 BD_{11} 9 26.6 272.°31 2.°2/28.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 39.70	+ 9 0.5	1.998	2.792	15.3	21.2
8 29	0 35.74	+ 9 2.8	1.889	2.769	12.4	20.9
9 8	0 29.53	+ 8 49.7	1.800	2.745	9.0	20.7
9 18	0 21.48	+ 8 21.7	1.736	2.721	5.2	20.4
9 28	0 12.33	+ 7 41.4	1.698	2.697	2.2	20.2
10 8	0 3.08	+ 6 53.7	1.689	2.672	4.8	20.3
10 18	23 54.73	+ 6 4.7	1.707	2.647	8.9	20.5
10 28	23 48.21	+ 5 21.0	1.750	2.621	12.8	20.7

390289 2013 AD_{24} 9 26.6 160.°62 0.°8/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 37.37	+ 7 21.8	2.212	3.011	13.8	22.1
8 29	0 33.37	+ 6 50.6	2.129	3.015	11.0	21.9
9 8	0 27.55	+ 6 4.9	2.068	3.019	7.6	21.7
9 18	0 20.37	+ 5 7.3	2.032	3.023	3.9	21.5
9 28	0 12.54	+ 4 2.4	2.025	3.026	0.8	21.3
10 8	0 4.88	+ 2 56.0	2.047	3.029	4.2	21.5
10 18	23 58.15	+ 1 54.2	2.097	3.032	7.8	21.8
10 28	23 53.02	+ 1 2.0	2.173	3.034	11.1	22.0

94487 2001 UA_{14} 9 26.6 355.°18 0.°5/27.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 32.81	+ 6 36.9	1.051	1.913	21.6	18.7
8 29	0 31.66	+ 6 6.2	0.986	1.909	17.2	18.4
9 8	0 27.38	+ 5 8.9	0.937	1.906	11.9	18.1
9 18	0 20.59	+ 3 49.3	0.908	1.904	5.8	17.7
9 28	0 12.49	+ 2 16.8	0.901	1.902	0.8	17.4
10 8	0 4.68	+ 0 44.7	0.917	1.902	7.1	17.8
10 18	23 58.60	− 0 34.2	0.955	1.903	12.9	18.2
10 28	23 55.36	− 1 30.3	1.012	1.905	18.0	18.5

378675 2008 HW_{39} 9 26.6 92.°45 0.°3/26.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 42.59	+ 3 16.4	1.603	2.427	17.1	21.8
8 29	0 37.90	+ 2 51.3	1.543	2.447	13.3	21.6
9 8	0 30.78	+ 2 12.1	1.504	2.466	9.0	21.4
9 18	0 21.90	+ 1 22.8	1.489	2.485	4.2	21.1
9 28	0 12.31	+ 0 29.6	1.501	2.503	0.9	20.9
10 8	0 3.16	− 0 20.0	1.541	2.521	5.6	21.3
10 18	23 55.48	− 1 0.1	1.606	2.539	10.0	21.6
10 28	23 50.02	− 1 26.1	1.696	2.556	13.7	21.9

180236 2003 UG_{199} 9 26.6 322.°11 4.°3/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 40.23	− 5 42.4	1.222	2.090	18.8	19.6
8 29	0 37.22	− 6 10.0	1.148	2.077	14.7	19.3
9 8	0 31.06	− 6 46.4	1.092	2.064	10.1	19.0
9 18	0 22.33	− 7 24.7	1.058	2.052	5.5	18.7
9 28	0 12.22	− 7 55.9	1.047	2.041	4.9	18.7
10 8	0 2.28	− 8 11.5	1.060	2.030	9.3	18.9
10 18	23 54.01	− 8 6.2	1.096	2.020	14.3	19.1
10 28	23 48.56	− 7 38.1	1.151	2.011	18.8	19.4

407583 2011 AE_{46} 9 26.6 314.°51 5.°0/ 1.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 36.69	+15 10.8	1.979	2.751	16.1	21.0
8 29	0 33.49	+15 45.4	1.870	2.727	13.6	20.7
9 8	0 28.07	+16 3.0	1.781	2.703	10.6	20.5
9 18	0 20.82	+16 1.9	1.714	2.679	7.5	20.2
9 28	0 12.45	+15 42.3	1.672	2.656	5.2	20.1
10 8	0 3.95	+15 7.3	1.657	2.633	5.8	20.1
10 18	23 56.33	+14 22.1	1.668	2.610	8.9	20.2
10 28	23 50.54	+13 33.9	1.704	2.589	12.4	20.4

222238 2000 HB_{6} 9 26.6 210.°60 0.°1/26.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 40.51	+ 4 17.5	1.890	2.704	15.3	21.4
8 29	0 36.23	+ 3 54.6	1.802	2.699	12.1	21.2
9 8	0 29.73	+ 3 17.6	1.736	2.694	8.3	20.9
9 18	0 21.49	+ 2 29.5	1.694	2.688	4.0	20.7
9 28	0 12.36	+ 1 35.3	1.680	2.682	0.6	20.4
10 8	0 3.35	+ 0 41.4	1.695	2.676	5.1	20.7
10 18	23 55.44	− 0 5.8	1.736	2.668	9.4	21.0
10 28	23 49.45	− 0 41.1	1.803	2.661	13.1	21.2

258772 2002 JT_{42} 9 26.6 85.°10 5.°4/20.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 37.58	−13 42.3	2.253	3.099	12.1	20.1
8 29	0 33.40	−14 42.6	2.196	3.108	9.5	20.0
9 8	0 27.47	−15 42.3	2.162	3.118	7.0	19.9
9 18	0 20.29	−16 35.5	2.154	3.127	5.5	19.8
9 28	0 12.57	−17 16.2	2.173	3.136	6.1	19.8
10 8	0 5.14	−17 40.0	2.220	3.146	8.2	20.0
10 18	23 58.70	−17 45.0	2.292	3.155	10.6	20.2
10 28	23 53.86	−17 30.9	2.387	3.164	12.9	20.3

93309 2000 SB_{212} 9 26.6 258.°40 5.°5/21.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 39.86	−10 39.0	1.927	2.774	13.8	19.5
8 29	0 35.78	−11 45.8	1.841	2.757	10.8	19.3
9 8	0 29.47	−12 57.1	1.777	2.739	7.8	19.1
9 18	0 21.40	−14 5.8	1.740	2.721	5.7	18.9
9 28	0 12.38	−15 3.7	1.729	2.703	6.3	18.9
10 8	0 3.43	−15 44.0	1.745	2.684	9.1	19.1
10 18	23 55.55	−16 2.3	1.786	2.664	12.4	19.2
10 28	23 49.58	−15 57.3	1.850	2.645	15.5	19.4

446375 2014 HP_{55} 9 26.6 165.°59 1.°8/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 38.49	− 1 19.8	2.047	2.877	13.7	22.1
8 29	0 34.37	− 1 57.0	1.970	2.879	10.6	21.9
9 8	0 28.29	− 2 43.3	1.915	2.880	7.1	21.7
9 18	0 20.75	− 3 34.3	1.886	2.882	3.4	21.5
9 28	0 12.51	− 4 24.4	1.886	2.883	2.3	21.4
10 8	0 4.47	− 5 7.8	1.913	2.884	5.7	21.7
10 18	23 57.45	− 5 39.8	1.968	2.885	9.3	21.9
10 28	23 52.16	− 5 57.2	2.046	2.886	12.6	22.1

393096 2013 AY_{128} 9 26.6 349.°99 1.°3/28.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 35.58	+ 8 29.9	1.889	2.697	15.5	21.1
8 29	0 32.36	+ 8 3.9	1.806	2.696	12.4	20.9
9 8	0 27.08	+ 7 20.4	1.743	2.696	8.7	20.7
9 18	0 20.23	+ 6 22.0	1.705	2.695	4.6	20.4
9 28	0 12.59	+ 5 13.4	1.694	2.695	1.3	20.2
10 8	0 5.10	+ 4 1.6	1.710	2.694	4.6	20.4
10 18	23 58.67	+ 2 53.8	1.754	2.694	8.7	20.7
10 28	23 54.04	+ 1 56.6	1.822	2.694	12.3	20.9

312638 2010 AP_{111} 9 26.6 303.°56 3.°2/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 29.09	−13 2.3	4.169	5.007	7.1	20.2
8 29	0 26.16	−13 51.0	4.092	5.002	5.6	20.1
9 8	0 22.31	−14 39.9	4.040	4.996	4.1	20.0
9 18	0 17.81	−15 26.0	4.017	4.990	3.2	19.9
9 28	0 12.99	−16 6.1	4.022	4.984	3.6	20.0
10 8	0 8.24	−16 37.7	4.057	4.979	4.9	20.0
10 18	0 3.91	−16 59.1	4.118	4.973	6.5	20.2
10 28	0 0.35	−17 9.1	4.205	4.967	8.0	20.3

188356 2003 YC_{50} 9 26.6 267.°36 0.°5/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 40.05	+ 2 54.6	1.601	2.431	16.9	21.1
8 29	0 36.45	+ 2 29.7	1.507	2.414	13.4	20.9
9 8	0 30.24	+ 1 49.1	1.434	2.397	9.1	20.6
9 18	0 21.90	+ 0 56.1	1.384	2.380	4.3	20.3
9 28	0 12.32	− 0 3.2	1.360	2.362	1.1	20.0
10 8	0 2.74	− 1 0.9	1.363	2.344	6.2	20.3
10 18	23 54.37	− 1 49.2	1.392	2.325	11.1	20.5
10 28	23 48.24	− 2 21.9	1.444	2.307	15.5	20.8

182271 2001 HQ_{54} 9 26.6 116.°54 0.°7/26.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 42.29	+ 2 22.9	1.685	2.509	16.4	20.8
8 29	0 37.64	+ 1 54.1	1.619	2.523	12.8	20.6
9 8	0 30.63	+ 1 12.0	1.574	2.536	8.6	20.4
9 18	0 21.88	+ 0 20.8	1.553	2.548	4.0	20.2
9 28	0 12.36	− 0 33.2	1.559	2.561	1.2	20.0
10 8	0 3.20	− 1 23.1	1.594	2.572	5.7	20.3
10 18	23 55.41	− 2 2.8	1.654	2.584	10.0	20.6
10 28	23 49.76	− 2 28.0	1.739	2.594	13.7	20.9

68744 2002 EV_{43} 9 26.7 18°.40 0°.7/27.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 37.11	+ 3 39.6	0.950	1.821	22.6	17.9
8 29	0 35.12	+ 3 52.4	0.899	1.827	17.9	17.6
9 8	0 29.71	+ 3 45.5	0.865	1.836	12.3	17.3
9 18	0 21.65	+ 3 22.2	0.850	1.846	6.0	17.0
9 28	0 12.40	+ 2 49.4	0.856	1.858	0.9	16.8
10 8	0 3.70	+ 2 16.4	0.884	1.871	7.0	17.2
10 18	23 57.07	+ 1 51.8	0.934	1.885	12.8	17.6
10 28	23 53.54	+ 1 42.0	1.003	1.901	17.7	17.9

76394 2000 FN_{11} 9 26.7 172°.93 5°.2/22.2 18

8 19	0 44.88	−12 58.2	2.059	2.895	13.4	19.3
8 29	0 39.29	−13 28.3	1.988	2.896	10.6	19.1
9 8	0 31.57	−13 57.7	1.940	2.897	7.6	18.9
9 18	0 22.29	−14 20.8	1.918	2.898	5.4	18.8
9 28	0 12.31	−14 32.0	1.924	2.898	5.7	18.8
10 8	0 2.64	−14 27.3	1.958	2.899	8.1	18.9
10 18	23 54.17	−14 5.2	2.018	2.899	11.0	19.1
10 28	23 47.62	−13 25.9	2.102	2.899	13.8	19.3

26009 2001 FJ_{129} 9 26.7 103°.12 1°.5/25.2 18

8 19	0 38.79	+ 2 16.7	1.569	2.405	16.9	19.2
8 29	0 35.11	+ 1 17.6	1.504	2.416	13.1	19.0
9 8	0 29.02	+ 0 2.6	1.461	2.427	8.7	18.7
9 18	0 21.16	− 1 22.1	1.441	2.438	4.0	18.5
9 28	0 12.50	− 2 48.1	1.448	2.448	2.1	18.4
10 8	0 4.19	− 4 6.0	1.483	2.458	6.5	18.7
10 18	23 57.25	− 5 8.4	1.543	2.468	10.8	19.0
10 28	23 52.47	− 5 50.6	1.626	2.478	14.6	19.2

252207 2001 FK_{137} 9 26.7 206°.59 4°.9/20.2 18

8 19	0 39.19	−15 52.4	2.901	3.732	10.1	21.1
8 29	0 34.35	−16 38.2	2.825	3.727	8.0	21.0
9 8	0 28.00	−17 22.6	2.773	3.721	6.1	20.8
9 18	0 20.55	−18 0.7	2.749	3.715	5.0	20.8
9 28	0 12.60	−18 28.1	2.754	3.709	5.4	20.8
10 8	0 4.79	−18 41.5	2.787	3.702	7.2	20.9
10 18	23 57.75	−18 39.1	2.847	3.695	9.2	21.0
10 28	23 52.03	−18 20.8	2.930	3.687	11.2	21.2

12561 Howard 9 26.7 160°.37 0°.2/26.4 18

8 19	0 36.30	+ 3 9.2	2.695	3.500	11.5	18.4
8 29	0 32.19	+ 2 42.5	2.612	3.505	8.9	18.2
9 8	0 26.59	+ 2 6.6	2.552	3.509	6.0	18.0
9 18	0 19.91	+ 1 24.0	2.518	3.513	2.8	17.8
9 28	0 12.71	+ 0 38.5	2.514	3.516	0.6	17.6
10 8	0 5.64	− 0 5.6	2.540	3.519	3.8	17.9
10 18	23 59.33	− 0 44.5	2.595	3.522	6.9	18.1
10 28	23 54.31	− 1 14.7	2.676	3.524	9.7	18.3

517973 2015 TY_{367} 9 26.7 29°.98 4°.2/22.6 18

8 19	0 38.59	− 9 20.0	2.024	2.869	13.3	20.4
8 29	0 34.43	− 9 58.1	1.957	2.873	10.3	20.2
9 8	0 28.31	−10 38.6	1.913	2.877	7.1	20.0
9 18	0 20.77	−11 16.3	1.894	2.881	4.6	19.9
9 28	0 12.58	−11 45.2	1.903	2.886	4.8	19.9
10 8	0 4.66	−12 0.7	1.939	2.891	7.4	20.1
10 18	23 57.83	−12 0.1	2.001	2.896	10.4	20.3
10 28	23 52.76	−11 42.5	2.086	2.901	13.3	20.5

167108 2003 SX_{61} 9 26.7 328°.92 3°.6/23.1 18

8 19	0 31.16	− 1 13.3	1.412	2.278	16.8	19.8
8 29	0 29.68	− 2 34.6	1.332	2.262	13.1	19.6
9 8	0 25.72	− 4 13.6	1.272	2.246	8.7	19.3
9 18	0 19.77	− 6 2.4	1.235	2.232	4.6	19.0
9 28	0 12.72	− 7 50.0	1.224	2.218	4.5	19.0
10 8	0 5.78	− 9 24.2	1.238	2.205	8.7	19.2
10 18	0 0.07	−10 35.5	1.275	2.193	13.3	19.4
10 28	23 56.58	−11 18.4	1.333	2.182	17.4	19.6

511950 2015 JW_5 9 26.7 47°.24 1°.3/27.6 18

8 19	0 42.03	+ 5 14.9	1.461	2.287	18.4	20.7
8 29	0 37.73	+ 5 25.8	1.404	2.305	14.5	20.5
9 8	0 30.82	+ 5 21.2	1.366	2.324	10.0	20.3
9 18	0 22.01	+ 5 3.4	1.352	2.344	5.1	20.0
9 28	0 12.41	+ 4 36.9	1.362	2.364	1.3	19.8
10 8	0 3.28	+ 4 8.0	1.400	2.384	5.4	20.2
10 18	23 55.73	+ 3 42.6	1.462	2.404	9.9	20.5
10 28	23 50.56	+ 3 26.2	1.548	2.425	13.8	20.8

35175 1993 TJ_{21} 9 26.7 118°.66 3°.3/23.2 18

8 19	0 41.83	− 9 8.6	2.501	3.329	11.6	18.2
8 29	0 36.47	− 9 32.2	2.434	3.340	9.0	18.1
9 8	0 29.44	− 9 57.2	2.391	3.351	6.2	17.9
9 18	0 21.24	−10 19.7	2.375	3.362	3.8	17.8
9 28	0 12.54	−10 35.4	2.388	3.373	3.7	17.8
10 8	0 4.12	−10 41.1	2.431	3.383	6.0	17.9
10 18	23 56.65	−10 34.7	2.501	3.393	8.7	18.1
10 28	23 50.71	−10 15.6	2.596	3.403	11.2	18.3

43212 2000 AL_{113} 9 26.7 248°.42 0°.9/28.6 18

8 19	0 28.59	+ 8 28.2	4.648	5.423	7.4	19.7
8 29	0 25.69	+ 8 11.3	4.549	5.419	5.9	19.6
9 8	0 21.98	+ 7 47.4	4.474	5.415	4.2	19.5
9 18	0 17.68	+ 7 17.5	4.427	5.412	2.3	19.4
9 28	0 13.10	+ 6 43.5	4.409	5.408	0.9	19.2
10 8	0 8.57	+ 6 7.4	4.421	5.404	2.1	19.3
10 18	0 4.40	+ 5 31.6	4.463	5.400	4.0	19.5
10 28	0 0.89	+ 4 58.3	4.534	5.396	5.7	19.6

137352 1999 TY_{103} 9 26.7 25°.12 2°.1/28.1 17

8 19	0 40.00	+ 6 41.3	1.190	2.031	20.9	19.1
8 29	0 36.91	+ 6 58.6	1.128	2.037	16.7	18.9
9 8	0 30.72	+ 6 56.3	1.084	2.044	11.8	18.6
9 18	0 22.14	+ 6 35.9	1.060	2.051	6.3	18.4
9 28	0 12.41	+ 6 2.0	1.059	2.059	2.1	18.1
10 8	0 3.07	+ 5 22.6	1.082	2.068	6.2	18.4
10 18	23 55.50	+ 4 46.0	1.129	2.078	11.4	18.8
10 28	23 50.73	+ 4 19.7	1.198	2.088	16.0	19.1

143466 2003 CW_2 9 26.7 273°.36 4°.1/21.7 18

8 19	0 34.22	− 5 31.7	2.041	2.889	13.1	19.8
8 29	0 31.21	− 7 0.4	1.959	2.879	10.1	19.6
9 8	0 26.29	− 8 38.4	1.901	2.868	6.9	19.4
9 18	0 19.90	−10 18.8	1.869	2.858	4.4	19.2
9 28	0 12.76	−11 53.0	1.865	2.848	4.9	19.2
10 8	0 5.71	−13 13.3	1.889	2.837	7.8	19.4
10 18	23 59.59	−14 13.8	1.939	2.827	11.1	19.6
10 28	23 55.10	−14 51.4	2.011	2.816	14.1	19.8

439061 2011 HN_{66} 9 26.7 20°.69 6°.5/21.4 18

8 19	0 41.14	−12 15.8	1.559	2.417	15.9	20.9
8 29	0 37.06	−13 13.4	1.498	2.418	12.5	20.7
9 8	0 30.42	−14 12.3	1.457	2.420	9.1	20.5
9 18	0 21.88	−15 4.3	1.441	2.422	6.7	20.4
9 28	0 12.47	−15 40.7	1.450	2.424	7.2	20.5
10 8	0 3.42	−15 55.3	1.484	2.426	10.1	20.6
10 18	23 55.84	−15 45.7	1.542	2.428	13.5	20.8
10 28	23 50.56	−15 12.3	1.621	2.430	16.7	21.1

5135 Nibutani 9 26.7 80°.37 1°.5/25.6 18

8 19	0 43.47	+ 0 36.0	1.340	2.183	18.8	16.8
8 29	0 39.09	+ 0 9.9	1.283	2.198	14.6	16.6
9 8	0 31.87	− 0 29.9	1.245	2.212	9.8	16.3
9 18	0 22.56	− 1 18.2	1.231	2.227	4.5	16.1
9 28	0 12.37	− 2 7.2	1.242	2.242	2.0	16.0
10 8	0 2.69	− 2 48.9	1.278	2.257	6.9	16.3
10 18	23 54.73	− 3 17.0	1.340	2.271	11.6	16.6
10 28	23 49.37	− 3 27.8	1.423	2.286	15.7	16.9

293897 2007 RZ_{300} 9 26.7 324°.02 0°.9/25.9 18

8 19	0 35.99	+ 2 28.1	1.682	2.518	15.9	21.1
8 29	0 32.98	+ 1 53.5	1.601	2.512	12.5	20.9
9 8	0 27.69	+ 1 4.2	1.540	2.505	8.4	20.6
9 18	0 20.63	+ 0 4.4	1.503	2.500	3.9	20.3
9 28	0 12.65	− 0 59.5	1.493	2.494	1.3	20.1
10 8	0 4.81	− 1 59.7	1.510	2.489	5.9	20.4
10 18	23 58.14	− 2 49.2	1.552	2.484	10.3	20.7
10 28	23 53.45	− 3 22.8	1.617	2.479	14.2	20.9

43680 2002 HE_7 9 26.7 82°.16 2°.6/24.2 17

8 19	0 40.13	− 2 5.7	1.782	2.619	15.1	20.0
8 29	0 35.70	− 3 1.1	1.730	2.643	11.6	19.8
9 8	0 29.17	− 4 5.5	1.699	2.666	7.6	19.6
9 18	0 21.16	− 5 12.9	1.694	2.689	3.8	19.4
9 28	0 12.59	− 6 16.0	1.717	2.712	3.1	19.5
10 8	0 4.45	− 7 8.2	1.768	2.735	6.5	19.7
10 18	23 57.59	− 7 44.7	1.844	2.757	10.1	20.0
10 28	23 52.69	− 8 3.2	1.945	2.779	13.3	20.2

443244 2014 DE_{133} 9 26.7 296°.65 2°.2/24.4 18

8 19	0 33.77	+ 1 45.7	1.611	2.456	16.1	21.3
8 29	0 31.47	+ 0 29.5	1.521	2.439	12.6	21.0
9 8	0 26.82	− 1 5.7	1.452	2.422	8.4	20.7
9 18	0 20.28	− 2 53.9	1.408	2.405	3.9	20.4
9 28	0 12.69	− 4 45.7	1.390	2.388	2.9	20.3
10 8	0 5.14	− 6 29.9	1.399	2.371	7.3	20.5
10 18	23 58.71	− 7 56.9	1.433	2.354	11.9	20.8
10 28	23 54.31	− 8 59.7	1.490	2.338	15.9	21.0

201139 2002 JH_{98} 9 26.7 6°.28 8°.3/22.7 18

8 19	0 57.42	−20 32.3	1.590	2.418	17.1	19.2
8 29	0 49.69	−20 36.5	1.522	2.418	14.0	19.0
9 8	0 38.89	−20 30.7	1.476	2.418	10.8	18.8
9 18	0 25.83	−20 7.1	1.454	2.419	8.6	18.7
9 28	0 11.88	−19 19.6	1.459	2.420	8.7	18.7
10 8	23 58.58	−18 6.7	1.492	2.422	11.1	18.9
10 18	23 47.28	−16 31.1	1.551	2.424	14.2	19.1
10 28	23 38.89	−14 38.0	1.633	2.426	17.3	19.3

187968 2001 QC_{42} 9 26.7 353°.01 2°.3/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 28.89	+ 0 49.4	1.009	1.894	20.4	19.5
8 29	0 28.69	+ 0 9.2	0.945	1.885	16.0	19.2
9 8	0 25.45	− 0 51.4	0.899	1.877	10.7	18.9
9 18	0 19.75	− 2 5.3	0.872	1.870	5.0	18.6
9 28	0 12.78	− 3 21.7	0.866	1.866	3.0	18.4
10 8	0 6.06	− 4 27.7	0.883	1.864	8.5	18.8
10 18	0 1.01	− 5 13.2	0.920	1.864	14.1	19.1
10 28	23 58.71	− 5 32.2	0.976	1.865	18.9	19.4

395885 2013 AG_{40} 9 26.7 69°.11 1°.6/24.9 18

8 19	0 36.24	+ 0 22.9	1.920	2.754	14.3	21.2
8 29	0 32.78	− 0 24.3	1.846	2.757	11.1	21.0
9 8	0 27.31	− 1 23.1	1.794	2.760	7.4	20.8
9 18	0 20.36	− 2 28.5	1.768	2.764	3.4	20.6
9 28	0 12.70	− 3 34.3	1.768	2.767	2.1	20.5
10 8	0 5.25	− 4 33.5	1.797	2.771	5.8	20.7
10 18	23 58.86	− 5 20.5	1.852	2.774	9.6	21.0
10 28	23 54.22	− 5 51.3	1.931	2.777	12.9	21.2

350060 2010 VV_{114} 9 26.7 305°.71 3°.0/ 2.9 18

8 19	0 29.85	+19 2.8	4.318	5.029	8.9	20.6
8 29	0 26.78	+19 4.2	4.214	5.027	7.5	20.5
9 8	0 22.77	+18 55.2	4.133	5.024	5.9	20.4
9 18	0 18.09	+18 35.7	4.077	5.021	4.3	20.2
9 28	0 13.06	+18 6.7	4.048	5.019	3.2	20.2
10 8	0 8.08	+17 30.3	4.049	5.016	3.2	20.2
10 18	0 3.51	+16 48.9	4.079	5.013	4.4	20.2
10 28	23 59.71	+16 5.4	4.138	5.011	6.0	20.4

72877 2001 KL_2 9 26.7 29°.02 5°.9/19.4 18

8 19	0 35.07	−14 12.0	2.206	3.058	12.1	18.9
8 29	0 31.62	−15 28.8	2.145	3.061	9.5	18.7
9 8	0 26.40	−16 45.6	2.108	3.064	7.2	18.6
9 18	0 19.89	−17 55.6	2.097	3.066	6.0	18.5
9 28	0 12.79	−18 52.1	2.112	3.069	6.7	18.6
10 8	0 5.91	−19 29.9	2.155	3.072	8.8	18.7
10 18	23 59.97	−19 46.4	2.221	3.076	11.3	18.9
10 28	23 55.60	−19 41.5	2.310	3.079	13.5	19.0

476167 2007 TZ_{391} 9 26.7 355°.52 1°.8/28.4 18

8 19	0 35.24	+ 9 5.8	1.646	2.462	17.1	21.0
8 29	0 32.45	+ 8 48.2	1.566	2.460	13.7	20.8
9 8	0 27.36	+ 8 11.0	1.506	2.459	9.8	20.6
9 18	0 20.48	+ 7 16.3	1.469	2.458	5.3	20.3
9 28	0 12.69	+ 6 9.1	1.457	2.457	1.8	20.1
10 8	0 5.07	+ 4 57.1	1.472	2.457	5.0	20.3
10 18	23 58.64	+ 3 48.6	1.513	2.457	9.4	20.6
10 28	23 54.25	+ 2 50.9	1.577	2.458	13.4	20.8

69764 1998 QS_{10} 9 26.7 64°.82 4°.8/21.8 18

8 19	0 36.71	− 5 46.6	1.624	2.480	15.5	18.5
8 29	0 33.33	− 7 20.7	1.574	2.498	11.8	18.3
9 8	0 27.73	− 9 2.3	1.547	2.516	8.0	18.1
9 18	0 20.54	−10 42.6	1.545	2.535	5.1	18.0
9 28	0 12.72	−12 11.6	1.570	2.553	5.6	18.1
10 8	0 5.29	−13 21.3	1.621	2.572	8.7	18.3
10 18	23 59.19	−14 6.9	1.697	2.590	12.1	18.5
10 28	23 55.09	−14 27.1	1.795	2.609	15.1	18.8

377665 2005 UX_{254} 9 26.7 287°.48 1°.5/24.5 17

8 19	0 33.39	− 2 34.7	3.104	3.926	9.7	20.9
8 29	0 29.88	− 3 5.1	3.001	3.906	7.5	20.7
9 8	0 25.06	− 3 41.1	2.922	3.886	5.0	20.5
9 18	0 19.24	− 4 20.1	2.871	3.865	2.5	20.3
9 28	0 12.90	− 4 58.3	2.849	3.845	1.9	20.2
10 8	0 6.58	− 5 32.3	2.856	3.825	4.3	20.4
10 18	0 0.81	− 5 58.9	2.892	3.804	6.9	20.5
10 28	23 56.11	− 6 15.5	2.955	3.783	9.4	20.7

178575 1999 XO 9 26.7 27°.03 3°.9/24.1 17

8 19	0 38.10	− 3 36.4	1.085	1.961	20.1	19.8
8 29	0 35.47	− 4 18.5	1.036	1.970	15.5	19.6
9 8	0 29.72	− 5 12.2	1.006	1.980	10.3	19.4
9 18	0 21.63	− 6 9.1	0.996	1.992	5.3	19.1
9 28	0 12.56	− 6 59.0	1.009	2.005	4.5	19.1
10 8	0 4.05	− 7 32.6	1.045	2.018	9.0	19.4
10 18	23 57.44	− 7 44.5	1.104	2.033	13.8	19.7
10 28	23 53.63	− 7 32.8	1.182	2.048	18.0	20.1

327467 2005 XK_{101} 9 26.7 164°.90 2°.2/29.2 18

8 19	0 36.64	+10 23.8	2.439	3.220	13.2	21.3
8 29	0 32.73	+10 21.7	2.350	3.221	10.7	21.2
9 8	0 27.13	+10 5.9	2.283	3.222	7.7	21.0
9 18	0 20.26	+ 9 37.6	2.241	3.222	4.6	20.8
9 28	0 12.76	+ 8 59.3	2.226	3.223	2.2	20.6
10 8	0 5.37	+ 8 15.2	2.241	3.224	3.8	20.8
10 18	23 58.80	+ 7 30.1	2.284	3.224	7.0	21.0
10 28	23 53.68	+ 6 48.9	2.353	3.225	9.9	21.1

317363 2002 NU_{21} 9 26.7 41°.77 2°.9/24.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 37.88	+ 0 15.0	1.044	1.915	21.0	19.7
8 29	0 35.15	− 0 50.1	1.007	1.938	16.1	19.5
9 8	0 29.35	− 2 11.7	0.988	1.963	10.6	19.3
9 18	0 21.37	− 3 40.2	0.991	1.988	5.0	19.1
9 28	0 12.62	− 5 3.4	1.016	2.014	3.6	19.1
10 8	0 4.62	− 6 10.0	1.066	2.041	8.4	19.5
10 18	23 58.57	− 6 53.0	1.137	2.068	13.3	19.8
10 28	23 55.27	− 7 9.9	1.229	2.096	17.4	20.2

348127 2004 BG_{30} 9 26.7 160°.64 4°.2/ 1.7 18

8 19	0 41.22	+17 15.1	2.663	3.391	13.4	21.8
8 29	0 36.17	+17 36.1	2.572	3.398	11.3	21.6
9 8	0 29.40	+17 42.0	2.501	3.404	8.8	21.4
9 18	0 21.33	+17 32.0	2.456	3.410	6.2	21.3
9 28	0 12.61	+17 7.3	2.438	3.415	4.4	21.2
10 8	0 3.99	+16 30.6	2.449	3.419	4.7	21.2
10 18	23 56.20	+15 46.5	2.489	3.423	6.8	21.4
10 28	23 49.88	+15 0.0	2.557	3.426	9.3	21.5

342908 2008 YP_{133} 9 26.7 278°.20 7°.5/18.0 18

8 19	0 35.89	−13 53.7	1.813	2.673	13.9	20.5
8 29	0 32.87	−15 44.4	1.739	2.659	11.1	20.3
9 8	0 27.61	−17 38.6	1.689	2.645	8.6	20.1
9 18	0 20.62	−19 26.7	1.664	2.631	7.5	20.0
9 28	0 12.71	−20 58.2	1.665	2.617	8.6	20.1
10 8	0 4.91	−22 4.8	1.692	2.603	11.2	20.2
10 18	23 58.20	−22 42.1	1.742	2.589	14.2	20.4
10 28	23 53.42	−22 49.3	1.812	2.575	16.9	20.5

211068 2002 CF_{199} 9 26.7 41°.99 4°.4/29.5 17 R

8 19	0 43.53	+10 10.1	1.126	1.954	22.6	19.6
8 29	0 39.78	+10 56.3	1.071	1.968	18.4	19.4
9 8	0 32.71	+11 20.0	1.033	1.983	13.5	19.1
9 18	0 23.11	+11 20.1	1.015	1.999	8.3	18.9
9 28	0 12.35	+10 59.4	1.019	2.015	4.5	18.8
10 8	0 2.13	+10 25.0	1.048	2.032	6.7	18.9
10 18	23 53.93	+ 9 45.9	1.099	2.050	11.5	19.3
10 28	23 48.77	+ 9 11.5	1.172	2.067	15.9	19.6

401650 2013 GN_{101} 9 26.7 356°.54 5°.1/21.6 18

8 19	0 37.95	−11 28.5	2.029	2.878	13.1	19.8
8 29	0 34.01	−12 15.9	1.960	2.877	10.2	19.6
9 8	0 28.11	−13 4.7	1.914	2.876	7.3	19.4
9 18	0 20.75	−13 48.8	1.894	2.876	5.3	19.3
9 28	0 12.71	−14 22.0	1.900	2.875	5.7	19.3
10 8	0 4.91	−14 39.4	1.933	2.875	8.1	19.5
10 18	23 58.17	−14 38.4	1.992	2.875	11.0	19.7
10 28	23 53.18	−14 18.5	2.073	2.876	13.8	19.9

317468 2002 RM_{142} 9 26.7 76°.11 4°.3/29.9 16

8 19	0 47.71	+12 9.8	1.466	2.256	20.0	21.2
8 29	0 42.17	+12 43.3	1.412	2.283	16.3	21.0
9 8	0 33.84	+12 55.9	1.375	2.311	12.0	20.8
9 18	0 23.49	+12 47.2	1.361	2.338	7.6	20.7
9 28	0 12.31	+12 19.9	1.372	2.364	4.4	20.5
10 8	0 1.71	+11 40.3	1.410	2.391	5.9	20.7
10 18	23 52.87	+10 55.9	1.474	2.416	9.8	21.0
10 28	23 46.64	+10 14.9	1.562	2.442	13.5	21.3

184481 2005 OE_{11} 9 26.7 49°.58 1°.6/25.4 18

8 19	0 39.25	+ 1 13.3	1.275	2.127	19.1	19.5
8 29	0 35.89	+ 0 33.4	1.223	2.144	14.8	19.3
9 8	0 29.76	− 0 21.9	1.191	2.160	9.8	19.1
9 18	0 21.60	− 1 26.4	1.180	2.177	4.5	18.8
9 28	0 12.60	− 2 31.2	1.195	2.195	2.2	18.7
10 8	0 4.13	− 3 27.0	1.235	2.213	7.0	19.1
10 18	23 57.34	− 4 6.8	1.298	2.231	11.8	19.4
10 28	23 53.06	− 4 26.6	1.384	2.250	15.9	19.7

40932 1999 TF_{191} 9 26.7 204°.28 3°.7/30.9 18

8 19	0 37.48	+14 45.4	2.410	3.167	14.0	19.0
8 29	0 33.48	+14 58.0	2.317	3.166	11.6	18.8
9 8	0 27.71	+14 55.0	2.244	3.165	8.8	18.7
9 18	0 20.58	+14 36.3	2.196	3.163	5.9	18.5
9 28	0 12.74	+14 3.5	2.175	3.162	3.8	18.3
10 8	0 4.98	+13 20.3	2.182	3.160	4.5	18.4
10 18	23 58.06	+12 31.6	2.218	3.158	7.1	18.6
10 28	23 52.65	+11 43.0	2.280	3.156	10.0	18.7

360093 2013 BF_{62} 9 26.7 268°.19 1°.0/28.6 18

8 19	0 30.16	+ 7 58.6	4.466	5.241	7.7	21.3
8 29	0 26.94	+ 7 52.1	4.368	5.238	6.1	21.2
9 8	0 22.85	+ 7 38.8	4.294	5.235	4.4	21.0
9 18	0 18.14	+ 7 19.8	4.247	5.232	2.4	20.9
9 28	0 13.12	+ 6 56.5	4.230	5.229	1.0	20.8
10 8	0 8.15	+ 6 31.0	4.243	5.226	2.2	20.9
10 18	0 3.56	+ 6 5.4	4.287	5.223	4.1	21.0
10 28	23 59.68	+ 5 42.0	4.358	5.220	5.9	21.2

370900 2005 GC_{17} 9 26.7 181°.21 0°.1/26.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 40.48	+ 5 11.3	1.829	2.642	15.8	22.6
8 29	0 36.27	+ 4 27.7	1.747	2.644	12.4	22.4
9 8	0 29.81	+ 3 27.7	1.686	2.644	8.5	22.1
9 18	0 21.63	+ 2 15.0	1.650	2.644	4.0	21.9
9 28	0 12.58	+ 0 56.0	1.642	2.644	0.7	21.6
10 8	0 3.73	− 0 21.4	1.662	2.642	5.3	22.0
10 18	23 56.03	− 1 29.6	1.710	2.640	9.6	22.2
10 28	23 50.31	− 2 22.9	1.782	2.638	13.4	22.4

324302 2006 DT_{101} 9 26.7 233°.26 1°.1/25.3 18

8 19	0 35.70	+ 0 9.4	2.691	3.508	11.2	21.6
8 29	0 31.84	− 0 24.6	2.598	3.499	8.7	21.4
9 8	0 26.47	− 1 6.8	2.527	3.489	5.8	21.2
9 18	0 19.95	− 1 54.0	2.484	3.480	2.7	21.0
9 28	0 12.84	− 2 42.3	2.470	3.470	1.4	20.9
10 8	0 5.81	− 3 27.1	2.486	3.459	4.4	21.1
10 18	23 59.47	− 4 4.4	2.530	3.449	7.5	21.2
10 28	23 54.41	− 4 31.0	2.600	3.438	10.2	21.4

107327 2001 CU_{15} 9 26.7 110°.60 2°.9/24.1 17

8 19	0 42.88	− 2 42.0	1.648	2.486	16.1	20.0
8 29	0 38.11	− 3 34.8	1.590	2.503	12.4	19.8
9 8	0 30.96	− 4 37.1	1.554	2.520	8.2	19.6
9 18	0 22.10	− 5 42.6	1.542	2.537	4.2	19.4
9 28	0 12.53	− 6 43.4	1.558	2.553	3.5	19.4
10 8	0 3.40	− 7 32.2	1.601	2.568	7.1	19.7
10 18	23 55.70	− 8 4.2	1.670	2.583	11.0	20.0
10 28	23 50.18	− 8 16.8	1.762	2.597	14.5	20.2

186858 2004 GA_{54} 9 26.7 313°.98 3°.0/29.6 18

8 19	0 33.59	+13 43.2	1.455	2.264	19.3	20.1
8 29	0 31.62	+13 10.0	1.369	2.255	15.8	19.8
9 8	0 27.08	+12 8.3	1.300	2.246	11.7	19.5
9 18	0 20.48	+10 39.1	1.254	2.238	7.0	19.3
9 28	0 12.76	+ 8 48.4	1.232	2.230	3.1	19.0
10 8	0 5.15	+ 6 46.7	1.235	2.222	5.5	19.1
10 18	23 58.83	+ 4 46.8	1.265	2.214	10.4	19.4
10 28	23 54.78	+ 3 0.7	1.318	2.207	14.9	19.6

250701 2005 QQ_{176} 9 26.7 61°.08 0°.4/27.2 18

8 19	0 37.01	+ 5 13.7	1.979	2.794	14.7	20.7
8 29	0 33.33	+ 4 53.6	1.904	2.800	11.6	20.5
9 8	0 27.68	+ 4 20.0	1.850	2.808	7.9	20.3
9 18	0 20.56	+ 3 35.8	1.822	2.815	3.9	20.1
9 28	0 12.77	+ 2 45.6	1.820	2.822	0.6	19.9
10 8	0 5.19	+ 1 55.3	1.847	2.829	4.6	20.2
10 18	23 58.65	+ 1 10.5	1.901	2.837	8.4	20.4
10 28	23 53.85	+ 0 36.1	1.979	2.844	11.8	20.7

330199 2006 ET_{12} 9 26.7 233°.30 1°.2/25.1 18

8 19	0 33.84	+ 1 17.4	2.601	3.420	11.5	21.1
8 29	0 30.46	+ 0 24.2	2.510	3.413	8.9	21.0
9 8	0 25.56	− 0 39.2	2.443	3.406	5.9	20.8
9 18	0 19.53	− 1 48.9	2.403	3.399	2.7	20.5
9 28	0 12.92	− 3 0.2	2.392	3.392	1.5	20.4
10 8	0 6.40	− 4 7.4	2.411	3.384	4.6	20.7
10 18	0 0.59	− 5 5.8	2.458	3.376	7.7	20.8
10 28	23 56.05	− 5 51.5	2.531	3.368	10.5	21.0

388891 2008 RW_{128} 9 26.7 1°.95 1°.3/29.1 18

8 19	0 30.37	+ 9 26.8	4.131	4.901	8.4	21.2
8 29	0 27.18	+ 9 20.8	4.036	4.901	6.7	21.1
9 8	0 23.05	+ 9 6.9	3.965	4.901	4.8	21.0
9 18	0 18.25	+ 8 46.2	3.920	4.902	2.8	20.8
9 28	0 13.13	+ 8 20.2	3.905	4.902	1.3	20.7
10 8	0 8.05	+ 7 51.1	3.920	4.902	2.4	20.8
10 18	0 3.41	+ 7 21.5	3.964	4.902	4.4	20.9
10 28	23 59.54	+ 6 53.8	4.037	4.902	6.3	21.1

320323 2007 TC_{38} 9 26.7 8°.28 0°.5/26.3 18

8 19	0 36.51	+ 2 19.2	1.427	2.274	17.7	20.9
8 29	0 33.71	+ 2 2.9	1.359	2.275	13.9	20.6
9 8	0 28.34	+ 1 31.8	1.309	2.276	9.4	20.4
9 18	0 21.00	+ 0 49.9	1.283	2.279	4.4	20.1
9 28	0 12.71	+ 0 3.6	1.281	2.283	1.1	19.9
10 8	0 4.68	− 0 39.4	1.305	2.287	6.1	20.3
10 18	23 58.06	− 1 12.4	1.353	2.292	10.9	20.5
10 28	23 53.73	− 1 30.3	1.424	2.298	15.0	20.8

441327 2008 CQ_{55} 9 26.7 271°.53 3°.9/22.1 18

8 19	0 36.52	− 6 18.4	2.161	3.003	12.7	21.7
8 29	0 33.01	− 7 27.9	2.065	2.980	9.9	21.5
9 8	0 27.56	− 8 45.5	1.992	2.958	6.8	21.3
9 18	0 20.59	−10 5.4	1.946	2.935	4.3	21.1
9 28	0 12.76	−11 20.3	1.928	2.912	4.6	21.0
10 8	0 4.93	−12 23.1	1.938	2.888	7.5	21.2
10 18	23 57.95	−13 8.5	1.974	2.864	10.8	21.3
10 28	23 52.57	−13 33.5	2.033	2.840	13.9	21.5

239640 2008 WV_{38} 9 26.7 208°.11 0°.1/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 38.21	+ 4 38.4	1.900	2.717	15.1	21.7
8 29	0 34.44	+ 4 10.7	1.817	2.715	11.9	21.5
9 8	0 28.55	+ 3 28.7	1.754	2.713	8.1	21.3
9 18	0 21.03	+ 2 35.4	1.717	2.711	3.9	21.0
9 28	0 12.70	+ 1 36.1	1.707	2.708	0.6	20.7
10 8	0 4.52	+ 0 37.4	1.724	2.706	5.0	21.1
10 18	23 57.40	− 0 14.3	1.769	2.703	9.1	21.3
10 28	23 52.13	− 0 53.8	1.839	2.700	12.8	21.5

265281 2004 FY_{82} 9 26.7 141°.33 5°.2/ 1.9 18

8 19	0 40.18	+18 22.5	1.839	2.593	17.8	20.5
8 29	0 36.14	+18 28.8	1.758	2.601	15.0	20.3
9 8	0 29.77	+18 11.8	1.695	2.608	11.6	20.1
9 18	0 21.63	+17 30.8	1.654	2.615	8.2	20.0
9 28	0 12.61	+16 27.9	1.639	2.621	5.5	19.8
10 8	0 3.80	+15 9.2	1.651	2.627	5.9	19.9
10 18	23 56.20	+13 42.9	1.690	2.633	8.8	20.0
10 28	23 50.65	+12 18.2	1.755	2.638	12.1	20.3

28137 Helenyao 9 26.7 116°.08 0°.5/26.3 18

8 19	0 43.82	+ 1 39.4	1.637	2.462	16.8	18.6
8 29	0 39.03	+ 1 31.6	1.566	2.470	13.1	18.4
9 8	0 31.73	+ 1 12.0	1.516	2.477	8.9	18.2
9 18	0 22.55	+ 0 43.8	1.490	2.485	4.2	17.9
9 28	0 12.48	+ 0 12.1	1.490	2.492	0.9	17.7
10 8	0 2.73	− 0 16.9	1.519	2.499	5.7	18.1
10 18	23 54.38	− 0 38.0	1.573	2.505	10.2	18.3
10 28	23 48.29	− 0 47.1	1.652	2.512	14.0	18.6

325672 2009 TY_{4} 9 26.7 349°.83 3°.1/30.1 17

8 19	0 29.55	+14 7.5	1.690	2.492	17.3	20.2
8 29	0 28.05	+13 40.9	1.603	2.484	14.2	20.0
9 8	0 24.43	+12 49.9	1.535	2.476	10.6	19.8
9 18	0 19.15	+11 35.4	1.489	2.470	6.5	19.5
9 28	0 12.99	+10 2.4	1.468	2.464	3.3	19.3
10 8	0 6.94	+ 8 19.2	1.474	2.460	4.9	19.4
10 18	0 1.96	+ 6 35.7	1.506	2.456	8.9	19.6
10 28	23 58.84	+ 5 1.6	1.562	2.454	12.8	19.9

419255 2009 VW_{77} 9 26.7 260°.17 8°.5/ 9.8 18

8 19	0 36.82	+35 10.9	2.911	3.508	14.7	20.7
8 29	0 33.10	+35 42.3	2.794	3.490	13.5	20.5
9 8	0 27.56	+35 53.0	2.693	3.472	12.0	20.4
9 18	0 20.58	+35 39.7	2.611	3.454	10.5	20.2
9 28	0 12.77	+35 0.7	2.552	3.435	9.1	20.1
10 8	0 4.93	+33 57.1	2.517	3.416	8.5	20.1
10 18	23 57.84	+32 32.6	2.508	3.397	8.8	20.1
10 28	23 52.22	+30 53.4	2.525	3.378	10.0	20.1

511275 2014 DX_{15} 9 26.7 140°.98 1°.2/25.5 18

8 19	0 42.04	− 0 45.0	2.126	2.944	13.7	22.1
8 29	0 37.04	− 1 3.4	2.051	2.953	10.6	21.9
9 8	0 30.08	− 1 29.9	1.999	2.960	7.1	21.7
9 18	0 21.68	− 2 1.1	1.973	2.968	3.3	21.5
9 28	0 12.63	− 2 32.3	1.975	2.975	1.6	21.4
10 8	0 3.81	− 2 58.9	2.007	2.981	5.1	21.6
10 18	23 56.07	− 3 17.0	2.066	2.988	8.7	21.8
10 28	23 50.07	− 3 23.7	2.151	2.993	11.9	22.1

118655 2000 JB_{40} 9 26.7 86°.78 4°.3/30.9 18

8 19	0 40.32	+15 51.2	1.682	2.456	18.4	19.1
8 29	0 36.24	+15 47.7	1.616	2.476	15.2	19.0
9 8	0 29.79	+15 20.6	1.569	2.496	11.4	18.8
9 18	0 21.60	+14 30.7	1.544	2.515	7.5	18.6
9 28	0 12.64	+13 21.8	1.545	2.534	4.5	18.5
10 8	0 4.06	+12 1.2	1.572	2.553	5.4	18.6
10 18	23 56.85	+10 37.9	1.627	2.572	8.8	18.8
10 28	23 51.79	+ 9 20.5	1.707	2.590	12.4	19.1

202164 2004 VA_{41} 9 26.7 47°.21 1°.7/28.3 18

8 19	0 37.08	+ 9 0.8	1.502	2.322	18.3	20.3
8 29	0 33.98	+ 8 41.2	1.437	2.333	14.6	20.0
9 8	0 28.40	+ 8 1.0	1.391	2.345	10.3	19.8
9 18	0 20.99	+ 7 3.0	1.367	2.357	5.5	19.6
9 28	0 12.73	+ 5 53.1	1.369	2.369	1.7	19.4
10 8	0 4.82	+ 4 39.8	1.397	2.382	5.2	19.6
10 18	23 58.29	+ 3 31.8	1.451	2.395	9.7	19.9
10 28	23 53.97	+ 2 36.4	1.528	2.409	13.8	20.2

152088 2004 RB_{39} 9 26.7 252°.17 0°.1/26.6 18

8 19	0 36.60	+ 3 19.3	2.277	3.090	13.0	21.0
8 29	0 32.83	+ 2 57.3	2.188	3.085	10.2	20.8
9 8	0 27.29	+ 2 24.2	2.122	3.081	6.9	20.6
9 18	0 20.40	+ 1 43.0	2.081	3.076	3.3	20.4
9 28	0 12.82	+ 0 57.6	2.069	3.071	0.6	20.1
10 8	0 5.35	+ 0 13.2	2.086	3.066	4.4	20.4
10 18	23 58.74	− 0 25.5	2.130	3.061	8.0	20.6
10 28	23 53.65	− 0 54.4	2.200	3.056	11.2	20.8

5284 Orsilocus 9 26.7 279°.16 4°.5/16.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 30.16	−21 38.4	4.378	5.211	6.9	17.4
8 29	0 27.01	−22 30.3	4.312	5.205	5.7	17.3
9 8	0 22.93	−23 19.1	4.270	5.198	4.8	17.2
9 18	0 18.20	−24 1.5	4.256	5.192	4.5	17.2
9 28	0 13.16	−24 34.6	4.270	5.186	5.0	17.2
10 8	0 8.19	−24 56.2	4.311	5.179	6.0	17.3
10 18	0 3.66	−25 5.2	4.378	5.173	7.2	17.4
10 28	23 59.91	−25 1.2	4.467	5.167	8.4	17.5

395034 2009 DB_{57} 9 26.7 228°.47 1°.1/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 39.23	+ 0 19.6	2.025	2.850	14.0	21.7
8 29	0 35.09	− 0 3.9	1.941	2.846	11.0	21.5
9 8	0 28.93	− 0 37.4	1.879	2.842	7.3	21.3
9 18	0 21.22	− 1 17.2	1.842	2.838	3.4	21.0
9 28	0 12.72	− 1 58.5	1.834	2.834	1.5	20.9
10 8	0 4.36	− 2 35.8	1.853	2.829	5.3	21.1
10 18	23 57.02	− 3 4.2	1.900	2.825	9.2	21.4
10 28	23 51.44	− 3 20.0	1.971	2.820	12.6	21.6

448410 2009 SL_{66} 9 26.7 249°.17 2°.0/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 33.69	+13 50.2	2.795	3.555	12.2	21.8
8 29	0 30.34	+13 2.9	2.684	3.541	9.9	21.6
9 8	0 25.50	+11 58.6	2.595	3.526	7.3	21.4
9 18	0 19.54	+10 38.8	2.532	3.511	4.4	21.2
9 28	0 12.98	+ 9 7.1	2.499	3.495	2.1	21.0
10 8	0 6.45	+ 7 28.7	2.496	3.480	3.5	21.1
10 18	0 0.58	+ 5 49.9	2.524	3.464	6.4	21.3
10 28	23 55.93	+ 4 17.1	2.580	3.447	9.3	21.5

86679 2000 FR_{30} 9 26.7 197°.09 1°.7/25.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 40.90	− 0 16.6	1.993	2.817	14.3	20.7
8 29	0 36.43	− 0 59.0	1.909	2.814	11.1	20.4
9 8	0 29.85	− 1 52.3	1.848	2.811	7.4	20.2
9 18	0 21.67	− 2 52.1	1.812	2.807	3.5	20.0
9 28	0 12.67	− 3 52.1	1.804	2.803	2.2	19.9
10 8	0 3.81	− 4 45.9	1.825	2.798	5.9	20.1
10 18	23 56.02	− 5 27.9	1.874	2.792	9.7	20.3
10 28	23 50.05	− 5 54.4	1.947	2.785	13.1	20.5

255284 2005 VO_{77} 9 26.7 336°.38 0°.5/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 36.52	+ 2 19.9	2.005	2.830	14.2	20.8
8 29	0 33.01	+ 1 58.1	1.923	2.827	11.1	20.6
9 8	0 27.53	+ 1 24.8	1.861	2.824	7.5	20.3
9 18	0 20.56	+ 0 43.2	1.825	2.821	3.5	20.1
9 28	0 12.84	− 0 1.8	1.817	2.818	0.9	19.9
10 8	0 5.25	− 0 44.7	1.836	2.816	4.9	20.2
10 18	23 58.65	− 1 20.1	1.882	2.813	8.8	20.4
10 28	23 53.76	− 1 44.0	1.953	2.811	12.2	20.6

262988 2007 EJ_{62} 9 26.7 342°.86 2°.3/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 35.01	− 2 11.6	2.008	2.848	13.6	20.5
8 29	0 31.81	− 2 59.0	1.930	2.845	10.5	20.3
9 8	0 26.70	− 3 55.5	1.875	2.842	7.0	20.0
9 18	0 20.16	− 4 56.5	1.845	2.840	3.5	19.8
9 28	0 12.90	− 5 55.5	1.842	2.838	2.8	19.8
10 8	0 5.81	− 6 46.2	1.867	2.836	6.1	20.0
10 18	23 59.68	− 7 23.7	1.918	2.834	9.7	20.2
10 28	23 55.22	− 7 44.8	1.993	2.832	12.9	20.4

402467 2006 BW_{166} 9 26.7 328°.69 0°.7/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 35.51	+ 1 42.5	2.207	3.030	13.1	21.3
8 29	0 32.03	+ 1 13.7	2.123	3.027	10.2	21.1
9 8	0 26.77	+ 0 34.5	2.062	3.024	6.8	20.9
9 18	0 20.17	− 0 11.7	2.026	3.022	3.2	20.7
9 28	0 12.92	− 1 0.4	2.018	3.019	1.1	20.5
10 8	0 5.78	− 1 46.2	2.039	3.017	4.7	20.8
10 18	23 59.53	− 2 24.2	2.087	3.015	8.3	21.0
10 28	23 54.81	− 2 50.6	2.160	3.013	11.5	21.2

521751 2015 RN_{274} 9 26.7 57°.66 0°.2/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 37.02	+ 4 16.7	2.067	2.882	14.1	21.6
8 29	0 33.27	+ 3 58.0	1.991	2.888	11.1	21.4
9 8	0 27.62	+ 3 27.1	1.936	2.894	7.6	21.2
9 18	0 20.57	+ 2 46.8	1.907	2.900	3.6	21.0
9 28	0 12.86	+ 2 1.6	1.905	2.906	0.5	20.7
10 8	0 5.34	+ 1 16.9	1.931	2.913	4.5	21.0
10 18	23 58.82	+ 0 37.7	1.984	2.919	8.2	21.3
10 28	23 53.96	+ 0 8.6	2.063	2.925	11.5	21.5

105173 2000 OJ_{22} 9 26.7 16°.91 13°.9/11.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 28.99	−10 3.6	0.802	1.716	21.3	18.5
8 29	0 29.47	−15 23.7	0.765	1.717	16.9	18.3
9 8	0 26.36	−20 57.7	0.751	1.719	14.1	18.2
9 18	0 20.34	−26 7.9	0.761	1.722	14.8	18.2
9 28	0 12.89	−30 19.3	0.793	1.725	18.1	18.4
10 8	0 5.89	−33 12.9	0.844	1.728	22.2	18.7
10 18	0 0.99	−34 47.6	0.910	1.733	25.9	19.0
10 28	23 59.33	−35 13.0	0.987	1.738	28.8	19.2

356861 2011 WD_{61} 9 26.7 4°.22 1°.9/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 36.34	− 0 46.9	1.793	2.634	14.9	21.0
8 29	0 33.06	− 1 25.3	1.719	2.634	11.6	20.8
9 8	0 27.66	− 2 14.5	1.667	2.634	7.7	20.6
9 18	0 20.64	− 3 9.7	1.638	2.635	3.6	20.3
9 28	0 12.85	− 4 4.5	1.637	2.635	2.4	20.2
10 8	0 5.26	− 4 52.0	1.663	2.637	6.1	20.5
10 18	23 58.79	− 5 26.9	1.714	2.638	10.1	20.7
10 28	23 54.19	− 5 45.5	1.790	2.640	13.6	21.0

172341 2002 VZ_{85} 9 26.7 282°.29 11°.8/ 6.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 46.49	+32 41.7	2.215	2.843	18.2	20.1
8 29	0 41.68	+34 29.5	2.104	2.821	16.8	20.0
9 8	0 34.10	+35 58.7	2.009	2.800	15.1	19.8
9 18	0 24.05	+37 2.5	1.933	2.778	13.5	19.6
9 28	0 12.30	+37 35.2	1.879	2.756	12.2	19.5
10 8	0 0.06	+37 34.5	1.849	2.735	11.8	19.4
10 18	23 48.68	+37 2.7	1.842	2.712	12.5	19.4
10 28	23 39.44	+36 6.6	1.859	2.690	14.0	19.5

362282 2009 RM_{26} 9 26.7 30°.93 5°.0/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 52.22	−11 23.1	1.268	2.119	19.2	18.2
8 29	0 45.29	−11 15.2	1.245	2.162	14.8	18.1
9 8	0 35.55	−11 6.0	1.241	2.206	10.1	17.9
9 18	0 24.10	−10 49.9	1.261	2.250	6.0	17.8
9 28	0 12.40	−10 22.3	1.307	2.296	5.4	17.9
10 8	0 1.88	− 9 41.3	1.379	2.341	8.5	18.2
10 18	23 53.56	− 8 47.4	1.476	2.388	12.3	18.6
10 28	23 48.06	− 7 42.3	1.595	2.435	15.5	18.9

40411 1999 RM_{3} 9 26.7 96°.43 2°.7/29.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 41.40	+11 1.8	1.508	2.312	19.0	18.2
8 29	0 37.37	+10 53.6	1.442	2.326	15.3	18.0
9 8	0 30.74	+10 23.7	1.394	2.339	11.0	17.8
9 18	0 22.14	+ 9 33.6	1.368	2.353	6.4	17.5
9 28	0 12.65	+ 8 28.3	1.368	2.366	2.8	17.3
10 8	0 3.52	+ 7 16.0	1.394	2.379	5.3	17.5
10 18	23 55.88	+ 6 5.6	1.447	2.392	9.8	17.8
10 28	23 50.60	+ 5 5.3	1.524	2.404	13.8	18.1

183776 2004 BH_{19} 9 26.7 199°.92 2°.8/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 42.31	− 3 11.0	1.706	2.544	15.7	20.6
8 29	0 37.88	− 3 49.8	1.629	2.542	12.2	20.4
9 8	0 31.02	− 4 37.9	1.574	2.540	8.2	20.2
9 18	0 22.28	− 5 30.0	1.543	2.537	4.2	19.9
9 28	0 12.62	− 6 18.8	1.539	2.534	3.3	19.9
10 8	0 3.16	− 6 57.6	1.562	2.531	7.1	20.1
10 18	23 54.99	− 7 21.2	1.612	2.527	11.2	20.3
10 28	23 48.96	− 7 26.6	1.684	2.523	14.8	20.6

274857 2009 RU_{11} 9 26.7 308°.21 0°.5/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 37.00	+ 1 35.9	2.150	2.971	13.4	20.5
8 29	0 33.31	+ 1 22.0	2.059	2.961	10.5	20.3
9 8	0 27.72	+ 0 58.2	1.990	2.951	7.1	20.1
9 18	0 20.67	+ 0 27.3	1.947	2.942	3.3	19.8
9 28	0 12.86	− 0 6.7	1.931	2.932	0.9	19.6
10 8	0 5.12	− 0 38.7	1.943	2.923	4.7	19.9
10 18	23 58.28	− 1 4.4	1.983	2.914	8.5	20.1
10 28	23 53.05	− 1 19.9	2.048	2.905	11.8	20.3

294785 2008 CF_{50} 9 26.7 281°.62 2°.6/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 40.04	− 1 32.5	1.446	2.295	17.4	21.0
8 29	0 36.69	− 2 9.9	1.363	2.282	13.6	20.8
9 8	0 30.57	− 3 0.6	1.301	2.270	9.2	20.5
9 18	0 22.21	− 3 58.8	1.261	2.257	4.5	20.2
9 28	0 12.63	− 4 56.6	1.247	2.245	3.2	20.1
10 8	0 3.14	− 5 45.1	1.258	2.232	7.7	20.3
10 18	23 55.02	− 6 17.2	1.294	2.219	12.5	20.5
10 28	23 49.33	− 6 28.5	1.352	2.207	16.8	20.8

394975 2009 AY_{11} 9 26.7 294°.82 11°.5/12.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 37.95	−26 34.2	1.789	2.640	14.5	20.3
8 29	0 34.61	−28 45.1	1.744	2.636	12.7	20.2
9 8	0 28.84	−30 46.2	1.721	2.632	11.6	20.1
9 18	0 21.26	−32 26.2	1.721	2.629	11.6	20.1
9 28	0 12.81	−33 35.6	1.745	2.625	12.8	20.2
10 8	0 4.64	−34 9.3	1.790	2.621	14.7	20.3
10 18	23 57.80	−34 6.7	1.855	2.618	16.7	20.4
10 28	23 53.11	−33 31.1	1.936	2.615	18.6	20.6

353054 2009 DJ_{49} 9 26.7 223°.05 0°.0/26.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 39.32	+ 3 17.5	2.031	2.846	14.3	21.5
8 29	0 35.19	+ 3 4.4	1.946	2.843	11.3	21.3
9 8	0 29.03	+ 2 39.8	1.882	2.841	7.7	21.1
9 18	0 21.31	+ 2 6.3	1.844	2.838	3.7	20.8
9 28	0 12.81	+ 1 28.1	1.833	2.835	0.5	20.6
10 8	0 4.44	+ 0 50.4	1.851	2.832	4.7	20.9
10 18	23 57.08	+ 0 18.4	1.896	2.829	8.7	21.1
10 28	23 51.48	− 0 3.6	1.967	2.826	12.1	21.4

119261 2001 RG_{48} 9 26.7 187°.90 1°.0/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 41.85	+ 1 2.2	1.928	2.748	14.8	19.6
8 29	0 37.25	+ 0 37.7	1.846	2.748	11.6	19.4
9 8	0 30.46	+ 0 2.1	1.785	2.747	7.8	19.2
9 18	0 22.00	− 0 40.9	1.750	2.746	3.6	19.0
9 28	0 12.71	− 1 26.1	1.743	2.744	1.4	18.8
10 8	0 3.60	− 2 7.4	1.765	2.742	5.4	19.1
10 18	23 55.60	− 2 39.6	1.813	2.739	9.5	19.3
10 28	23 49.51	− 2 58.8	1.887	2.736	13.0	19.5

480590 2015 MB_{84} 9 26.7 238°.62 3°.4/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 36.81	− 4 8.6	2.039	2.879	13.4	21.5
8 29	0 33.26	− 5 18.8	1.955	2.871	10.3	21.3
9 8	0 27.75	− 6 38.4	1.895	2.861	7.0	21.1
9 18	0 20.72	− 8 1.4	1.860	2.852	4.0	20.9
9 28	0 12.90	− 9 20.3	1.853	2.842	4.0	20.9
10 8	0 5.19	−10 27.7	1.875	2.832	7.1	21.0
10 18	23 58.43	−11 18.1	1.922	2.822	10.6	21.2
10 28	23 53.36	−11 48.4	1.994	2.811	13.7	21.4

189112 2001 UO_{19} 9 26.7 14°.95 2°.3/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 34.14	+ 0 43.7	1.193	2.060	19.2	19.9
8 29	0 32.28	− 0 9.7	1.134	2.063	14.9	19.7
9 8	0 27.60	− 1 20.6	1.094	2.068	9.9	19.4
9 18	0 20.76	− 2 41.9	1.076	2.073	4.6	19.1
9 28	0 12.90	− 4 2.8	1.081	2.080	3.0	19.1
10 8	0 5.42	− 5 12.3	1.111	2.088	7.8	19.4
10 18	23 59.54	− 6 2.0	1.163	2.096	12.8	19.7
10 28	23 56.17	− 6 27.1	1.236	2.106	17.1	20.0

319938 2006 YD_{53} 9 26.7 177°.52 6°.7/ 7.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 39.72	+30 5.1	3.206	3.832	13.0	21.7
8 29	0 34.99	+30 40.0	3.106	3.834	11.6	21.6
9 8	0 28.65	+30 57.8	3.023	3.836	10.0	21.5
9 18	0 21.08	+30 56.3	2.963	3.837	8.4	21.4
9 28	0 12.86	+30 34.8	2.927	3.837	7.2	21.3
10 8	0 4.67	+29 54.9	2.919	3.837	6.7	21.3
10 18	23 57.19	+28 59.9	2.937	3.836	7.3	21.3
10 28	23 51.03	+27 54.9	2.983	3.835	8.7	21.4

122074 2000 HY_{22} 9 26.7 134°.45 0°.3/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 41.62	+ 5 10.5	1.542	2.365	17.7	20.4
8 29	0 37.47	+ 4 22.3	1.474	2.376	13.9	20.2
9 8	0 30.79	+ 3 15.6	1.426	2.386	9.4	20.0
9 18	0 22.19	+ 1 55.1	1.401	2.396	4.4	19.7
9 28	0 12.71	+ 0 28.8	1.404	2.405	0.9	19.5
10 8	0 3.56	− 0 53.8	1.433	2.414	5.9	19.9
10 18	23 55.87	− 2 4.3	1.490	2.422	10.6	20.2
10 28	23 50.46	− 2 56.4	1.569	2.429	14.6	20.4

190012 2004 NV_{4} 9 26.7 42°.60 1°.1/25.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 35.81	+ 3 39.0	1.420	2.264	17.9	19.7
8 29	0 33.12	+ 2 42.2	1.358	2.273	13.9	19.4
9 8	0 27.91	+ 1 26.9	1.315	2.283	9.3	19.2
9 18	0 20.83	− 0 0.8	1.296	2.293	4.3	18.9
9 28	0 12.91	− 1 31.6	1.303	2.303	1.7	18.8
10 8	0 5.32	− 2 55.3	1.335	2.314	6.5	19.1
10 18	23 59.16	− 4 3.4	1.392	2.325	11.1	19.4
10 28	23 55.22	− 4 50.2	1.472	2.337	15.2	19.7

390111 2012 VP_{33} 9 26.7 260°.78 2°.0/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 38.09	− 0 47.1	1.905	2.739	14.4	21.9
8 29	0 34.46	− 1 30.0	1.816	2.727	11.3	21.7
9 8	0 28.67	− 2 24.3	1.749	2.715	7.5	21.4
9 18	0 21.21	− 3 25.4	1.706	2.702	3.6	21.2
9 28	0 12.84	− 4 26.7	1.692	2.689	2.5	21.1
10 8	0 4.55	− 5 21.5	1.704	2.677	6.2	21.3
10 18	23 57.27	− 6 3.6	1.744	2.663	10.2	21.5
10 28	23 51.83	− 6 29.1	1.807	2.650	13.8	21.7

321437 2009 QR_{45} 9 26.7 52°.61 0°.1/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 35.10	+ 5 3.3	2.034	2.851	14.2	20.9
8 29	0 31.78	+ 4 27.2	1.964	2.863	11.1	20.7
9 8	0 26.62	+ 3 37.5	1.916	2.875	7.6	20.5
9 18	0 20.12	+ 2 37.8	1.893	2.887	3.6	20.3
9 28	0 13.02	+ 1 33.4	1.898	2.900	0.5	20.1
10 8	0 6.15	+ 0 30.6	1.931	2.912	4.5	20.4
10 18	0 0.28	− 0 24.7	1.991	2.925	8.2	20.7
10 28	23 56.04	− 1 7.9	2.076	2.938	11.5	20.9

85069 1056 $T\text{-}_{2}$ 9 26.7 350°.32 0°.4/27.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 37.67	+ 4 0.8	1.674	2.502	16.3	19.1
8 29	0 34.35	+ 3 57.3	1.594	2.498	12.9	18.9
9 8	0 28.71	+ 3 40.1	1.534	2.495	8.9	18.6
9 18	0 21.24	+ 3 11.7	1.498	2.492	4.4	18.3
9 28	0 12.85	+ 2 36.6	1.488	2.490	0.6	18.1
10 8	0 4.61	+ 2 0.8	1.505	2.489	5.2	18.4
10 18	23 57.57	+ 1 30.4	1.548	2.487	9.7	18.7
10 28	23 52.58	+ 1 10.5	1.614	2.487	13.6	18.9

52568 1997 HJ_{8} 9 26.7 350°.93 0°.3/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 28.70	+ 3 49.8	0.980	1.861	21.3	17.6
8 29	0 28.73	+ 3 32.0	0.914	1.849	16.9	17.3
9 8	0 25.66	+ 2 51.2	0.864	1.839	11.6	17.0
9 18	0 20.03	+ 1 51.7	0.833	1.831	5.5	16.7
9 28	0 13.02	+ 0 42.4	0.823	1.825	1.0	16.3
10 8	0 6.21	− 0 24.3	0.835	1.821	7.4	16.7
10 18	0 1.08	− 1 17.1	0.867	1.819	13.4	17.1
10 28	23 58.80	− 1 47.5	0.918	1.819	18.6	17.4

344967 2004 XC_{24} 9 26.7 310°.16 5°.5/22.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 37.16	− 7 46.6	1.475	2.340	16.3	21.4
8 29	0 34.54	− 8 45.7	1.386	2.313	12.8	21.1
9 8	0 29.23	− 9 53.9	1.316	2.286	9.0	20.8
9 18	0 21.66	−11 3.4	1.270	2.260	5.9	20.6
9 28	0 12.77	−12 4.3	1.249	2.234	6.3	20.5
10 8	0 3.84	−12 47.1	1.252	2.208	10.0	20.7
10 18	23 56.15	−13 5.4	1.278	2.183	14.3	20.8
10 28	23 50.79	−12 56.4	1.325	2.159	18.4	21.0

256543 2007 GK_{61} 9 26.7 181°.08 2°.6/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 35.46	+13 45.5	2.789	3.546	12.3	21.2
8 29	0 31.66	+13 30.9	2.694	3.547	10.0	21.0
9 8	0 26.38	+13 1.8	2.621	3.547	7.5	20.9
9 18	0 19.99	+12 19.2	2.574	3.547	4.7	20.7
9 28	0 13.05	+11 25.5	2.554	3.546	2.7	20.6
10 8	0 6.20	+10 24.8	2.565	3.546	3.6	20.6
10 18	0 0.06	+ 9 21.8	2.604	3.545	6.2	20.8
10 28	23 55.18	+ 8 21.7	2.671	3.543	8.9	21.0

233571 2007 PW_{29} 9 26.7 26°.18 2°.3/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 35.64	− 0 22.3	1.275	2.138	18.5	19.3
8 29	0 33.16	− 1 6.1	1.223	2.149	14.3	19.1
9 8	0 28.01	− 2 3.9	1.190	2.162	9.4	18.9
9 18	0 20.90	− 3 8.9	1.179	2.176	4.4	18.6
9 28	0 12.93	− 4 11.8	1.193	2.191	2.9	18.6
10 8	0 5.42	− 5 3.8	1.231	2.207	7.4	18.9
10 18	23 59.48	− 5 38.2	1.293	2.224	12.0	19.2
10 28	23 55.92	− 5 51.5	1.376	2.242	15.9	19.5

74953 1999 TA_{193} 9 26.7 296°.00 4°.9/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 40.09	+13 22.0	1.475	2.273	19.6	19.9
8 29	0 36.86	+13 53.2	1.387	2.263	16.3	19.7
9 8	0 30.82	+14 3.1	1.317	2.253	12.4	19.4
9 18	0 22.42	+13 50.0	1.267	2.243	8.2	19.1
9 28	0 12.69	+13 15.0	1.242	2.233	5.1	18.9
10 8	0 2.95	+12 23.7	1.242	2.224	6.4	19.0
10 18	23 54.56	+11 24.2	1.266	2.214	10.5	19.2
10 28	23 48.64	+10 26.3	1.314	2.205	14.8	19.4

207246 2005 EN_{209} 9 26.7 261°.25 8°.6/ 3.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 46.96	+22 21.1	1.986	2.696	17.9	20.4
8 29	0 41.81	+23 48.3	1.887	2.687	15.7	20.2
9 8	0 33.99	+24 57.9	1.806	2.678	13.2	20.0
9 18	0 23.93	+25 45.1	1.747	2.668	10.7	19.8
9 28	0 12.47	+26 6.2	1.713	2.659	8.9	19.7
10 8	0 0.83	+26 1.7	1.705	2.649	8.8	19.7
10 18	23 50.25	+25 35.3	1.723	2.640	10.5	19.8
10 28	23 41.85	+24 54.7	1.766	2.630	13.1	19.9

329710 2003 UM_{385} 9 26.7 190°.78 1°.6/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 35.06	− 1 25.3	2.810	3.630	10.7	21.7
8 29	0 31.28	− 2 9.3	2.725	3.629	8.2	21.5
9 8	0 26.08	− 3 0.4	2.664	3.627	5.4	21.4
9 18	0 19.85	− 3 55.1	2.631	3.626	2.6	21.2
9 28	0 13.10	− 4 49.1	2.627	3.624	1.9	21.1
10 8	0 6.47	− 5 37.9	2.653	3.621	4.5	21.3
10 18	0 0.52	− 6 17.8	2.707	3.619	7.4	21.5
10 28	23 55.77	− 6 46.1	2.788	3.616	9.9	21.7

53529 2000 AN_{198} 9 26.7 125°.39 0°.4/27.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 38.00	+ 7 15.4	1.651	2.469	17.0	19.5
8 29	0 34.58	+ 6 28.8	1.577	2.475	13.4	19.2
9 8	0 28.81	+ 5 22.5	1.523	2.481	9.2	19.0
9 18	0 21.29	+ 4 0.6	1.493	2.486	4.6	18.7
9 28	0 12.91	+ 2 30.1	1.490	2.492	0.6	18.5
10 8	0 4.79	+ 1 0.2	1.514	2.497	5.3	18.8
10 18	23 57.92	− 0 20.3	1.565	2.502	9.8	19.1
10 28	23 53.12	− 1 24.6	1.640	2.507	13.8	19.4

189358 2008 DX_{38} 9 26.7 266°.85 0°.1/26.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 36.06	+ 4 8.0	2.120	2.936	13.8	21.2
8 29	0 32.61	+ 3 36.8	2.032	2.931	10.8	21.0
9 8	0 27.29	+ 2 52.6	1.966	2.925	7.4	20.7
9 18	0 20.52	+ 1 58.6	1.925	2.919	3.5	20.5
9 28	0 13.02	+ 0 59.5	1.912	2.914	0.6	20.2
10 8	0 5.63	+ 0 1.3	1.927	2.908	4.6	20.5
10 18	23 59.14	− 0 50.1	1.970	2.902	8.4	20.8
10 28	23 54.26	− 1 30.0	2.038	2.897	11.8	21.0

356258 2009 UN_{147} 9 26.7 299°.83 1°.5/23.9 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 30.15	− 4 15.1	4.117	4.940	7.5	21.4
8 29	0 27.05	− 4 43.4	4.027	4.932	5.7	21.2
9 8	0 23.04	− 5 15.0	3.961	4.925	3.8	21.1
9 18	0 18.36	− 5 47.6	3.923	4.917	2.0	21.0
9 28	0 13.35	− 6 18.7	3.916	4.909	1.7	20.9
10 8	0 8.39	− 6 45.9	3.938	4.901	3.4	21.1
10 18	0 3.85	− 7 6.9	3.989	4.894	5.4	21.2
10 28	0 0.07	− 7 20.2	4.066	4.886	7.2	21.3

196364 2003 FX_{110} 9 26.7 89°.84 1°.2/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 29.69	+ 9 49.9	4.491	5.257	7.8	20.1
8 29	0 26.62	+ 9 39.9	4.399	5.261	6.3	20.0
9 8	0 22.71	+ 9 22.4	4.330	5.265	4.5	19.9
9 18	0 18.19	+ 8 58.5	4.288	5.269	2.6	19.8
9 28	0 13.38	+ 8 29.7	4.276	5.273	1.3	19.6
10 8	0 8.63	+ 7 58.2	4.294	5.277	2.2	19.7
10 18	0 4.28	+ 7 26.1	4.342	5.281	4.0	19.9
10 28	0 0.63	+ 6 55.8	4.418	5.284	5.8	20.0

46111 2001 FR_{24} 9 26.7 62°.38 5°.3/ 1.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 43.48	+15 9.8	1.728	2.497	18.2	18.8
8 29	0 38.78	+15 55.1	1.660	2.514	15.2	18.6
9 8	0 31.63	+16 20.8	1.610	2.531	11.6	18.5
9 18	0 22.62	+16 25.5	1.583	2.548	8.1	18.3
9 28	0 12.74	+16 10.1	1.582	2.565	5.5	18.2
10 8	0 3.16	+15 39.0	1.607	2.582	6.1	18.3
10 18	23 54.94	+14 58.5	1.659	2.599	9.1	18.5
10 28	23 48.94	+14 16.2	1.735	2.617	12.3	18.7

48672 1995 YF_5 9 26.7 129°.55 2°.2/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 41.83	− 1 1.7	1.709	2.542	15.8	19.4
8 29	0 37.38	− 1 45.9	1.642	2.552	12.3	19.1
9 8	0 30.61	− 2 41.1	1.596	2.562	8.2	18.9
9 18	0 22.10	− 3 41.8	1.576	2.571	3.9	18.7
9 28	0 12.82	− 4 40.9	1.582	2.580	2.6	18.6
10 8	0 3.85	− 5 31.1	1.616	2.588	6.5	18.9
10 18	23 56.20	− 6 7.0	1.677	2.596	10.6	19.2
10 28	23 50.65	− 6 25.3	1.760	2.603	14.1	19.4

170540 2003 WL_{114} 9 26.7 102°.24 3°.5/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 42.11	− 6 41.3	1.855	2.695	14.5	20.3
8 29	0 37.44	− 7 12.0	1.786	2.699	11.3	20.1
9 8	0 30.57	− 7 47.4	1.739	2.704	7.6	19.9
9 18	0 22.07	− 8 22.3	1.717	2.709	4.3	19.7
9 28	0 12.83	− 8 50.6	1.723	2.713	4.0	19.7
10 8	0 3.87	− 9 7.1	1.756	2.718	7.1	19.9
10 18	23 56.14	− 9 8.6	1.815	2.722	10.6	20.1
10 28	23 50.38	− 8 53.7	1.898	2.726	13.8	20.4

344970 2004 XX_{50} 9 26.8 318°.25 0°.4/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 37.55	+ 1 45.8	1.414	2.260	17.8	20.6
8 29	0 35.04	+ 1 43.8	1.318	2.234	14.2	20.3
9 8	0 29.73	+ 1 27.9	1.240	2.207	9.8	19.9
9 18	0 22.01	+ 1 0.7	1.185	2.182	4.7	19.6
9 28	0 12.83	+ 0 27.4	1.155	2.156	1.0	19.2
10 8	0 3.50	− 0 4.7	1.149	2.132	6.6	19.5
10 18	23 55.41	− 0 28.5	1.167	2.109	12.0	19.8
10 28	23 49.75	− 0 37.9	1.207	2.086	16.8	20.0

257715 1999 XT_{141} 9 26.8 167°.25 18°.2/ 9.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 49.93	−36 1.3	1.259	2.094	20.3	19.6
8 29	0 45.24	−38 44.0	1.236	2.097	18.8	19.5
9 8	0 36.66	−41 1.0	1.230	2.100	18.2	19.5
9 18	0 25.14	−42 36.2	1.244	2.102	18.6	19.5
9 28	0 12.43	−43 18.1	1.275	2.104	19.8	19.6
10 8	0 0.57	−43 4.3	1.323	2.105	21.5	19.8
10 18	23 51.24	−42 0.0	1.385	2.106	23.2	19.9
10 28	23 45.44	−40 14.6	1.459	2.106	24.9	20.1

7185 1991 VN_1 9 26.8 95°.54 4°.2/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 41.65	− 3 51.7	1.347	2.202	18.1	17.0
8 29	0 37.79	− 4 59.6	1.291	2.214	13.9	16.8
9 8	0 31.15	− 6 18.6	1.255	2.225	9.3	16.5
9 18	0 22.43	− 7 40.2	1.242	2.236	5.1	16.3
9 28	0 12.82	− 8 53.7	1.254	2.246	4.9	16.4
10 8	0 3.66	− 9 50.0	1.293	2.257	8.8	16.6
10 18	23 56.14	−10 23.3	1.355	2.267	13.1	16.9
10 28	23 51.15	−10 31.4	1.438	2.277	16.9	17.2

346786 2009 BQ_{138} 9 26.8 239°.51 5°.6/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 36.64	−10 25.1	2.028	2.878	13.0	21.2
8 29	0 33.20	−12 0.0	1.952	2.870	10.2	21.0
9 8	0 27.76	−13 40.2	1.900	2.861	7.4	20.8
9 18	0 20.79	−15 17.7	1.874	2.852	5.7	20.7
9 28	0 13.04	−16 43.8	1.876	2.843	6.5	20.7
10 8	0 5.41	−17 51.0	1.905	2.833	9.1	20.9
10 18	23 58.75	−18 35.0	1.959	2.824	12.1	21.0
10 28	23 53.81	−18 53.9	2.034	2.814	14.8	21.2

3602 Lazzaro 9 26.8 263°.28 3°.5/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 39.08	+12 34.9	1.583	2.381	18.5	17.9
8 29	0 35.90	+12 32.7	1.489	2.367	15.3	17.7
9 8	0 30.08	+12 7.9	1.412	2.353	11.3	17.4
9 18	0 22.09	+11 20.1	1.358	2.339	7.0	17.1
9 28	0 12.84	+10 12.6	1.329	2.325	3.6	16.9
10 8	0 3.57	+ 8 52.5	1.326	2.310	5.6	17.0
10 18	23 55.52	+ 7 29.4	1.349	2.295	10.1	17.2
10 28	23 49.74	+ 6 13.3	1.395	2.280	14.5	17.4

286617 2002 DL_{20} 9 26.8 189°.76 0°.6/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 30.17	+ 6 5.6	4.735	5.516	7.2	21.6
8 29	0 26.95	+ 5 55.7	4.640	5.516	5.7	21.5
9 8	0 22.92	+ 5 39.9	4.569	5.515	4.0	21.4
9 18	0 18.31	+ 5 19.3	4.526	5.514	2.1	21.2
9 28	0 13.42	+ 4 55.6	4.513	5.513	0.6	21.1
10 8	0 8.58	+ 4 30.7	4.530	5.513	2.1	21.2
10 18	0 4.11	+ 4 6.5	4.578	5.512	4.0	21.4
10 28	0 0.30	+ 3 45.2	4.654	5.511	5.7	21.5

322685 1999 VC_{91} 9 26.8 346°.43 4°.3/23.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 39.55	− 9 8.9	1.858	2.706	14.2	19.9
8 29	0 35.56	− 9 37.4	1.784	2.701	11.0	19.7
9 8	0 29.38	−10 8.6	1.731	2.697	7.7	19.5
9 18	0 21.56	−10 37.0	1.704	2.693	4.8	19.3
9 28	0 12.95	−10 56.8	1.703	2.689	4.8	19.3
10 8	0 4.56	−11 2.9	1.730	2.686	7.7	19.5
10 18	23 57.32	−10 52.6	1.781	2.684	11.1	19.7
10 28	23 52.00	−10 25.0	1.856	2.682	14.2	19.9

142237 2002 RA_{90} 9 26.8 77°.98 0°.9/26.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 41.78	+ 3 43.4	1.441	2.273	18.3	20.1
8 29	0 37.55	+ 2 53.2	1.390	2.298	14.2	19.9
9 8	0 30.76	+ 1 46.2	1.359	2.323	9.5	19.7
9 18	0 22.17	+ 0 28.4	1.352	2.348	4.3	19.5
9 28	0 12.89	− 0 51.4	1.371	2.373	1.3	19.3
10 8	0 4.14	− 2 4.2	1.418	2.397	6.2	19.7
10 18	23 56.99	− 3 2.4	1.489	2.421	10.7	20.1
10 28	23 52.18	− 3 41.5	1.584	2.444	14.5	20.4

450962 2008 KD_{24} 9 26.8 140°.13 0°.8/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 34.46	+ 9 5.2	2.458	3.248	12.8	21.0
8 29	0 31.05	+ 8 14.2	2.373	3.254	10.2	20.8
9 8	0 26.06	+ 7 7.9	2.311	3.259	7.1	20.6
9 18	0 19.90	+ 5 49.3	2.275	3.264	3.7	20.4
9 28	0 13.20	+ 4 23.3	2.268	3.269	0.8	20.2
10 8	0 6.64	+ 2 55.9	2.291	3.274	3.7	20.4
10 18	0 0.88	+ 1 33.3	2.343	3.279	7.1	20.7
10 28	23 56.49	+ 0 21.1	2.422	3.283	10.1	20.9

409109 2003 TV_8 9 26.8 350°.64 0°.6/26.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 40.33	− 1 11.9	1.610	2.451	16.3	20.6
8 29	0 36.61	− 0 46.5	1.528	2.441	12.9	20.3
9 8	0 30.36	− 0 28.0	1.467	2.432	8.7	20.1
9 18	0 22.14	− 0 14.2	1.429	2.424	4.1	19.8
9 28	0 12.87	− 0 1.9	1.417	2.418	1.0	19.5
10 8	0 3.73	+ 0 12.9	1.431	2.413	5.7	19.8
10 18	23 55.87	+ 0 33.3	1.472	2.409	10.3	20.1
10 28	23 50.20	+ 1 2.2	1.535	2.407	14.3	20.3

423256 2004 TX_{273} 9 26.8 306°.05 2°.3/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 42.02	− 2 3.5	1.221	2.079	19.4	20.7
8 29	0 38.94	− 2 10.8	1.137	2.060	15.4	20.4
9 8	0 32.58	− 2 29.6	1.071	2.042	10.5	20.1
9 18	0 23.44	− 2 55.5	1.027	2.024	5.1	19.7
9 28	0 12.66	− 3 21.1	1.006	2.006	2.8	19.5
10 8	0 1.86	− 3 38.5	1.009	1.988	8.1	19.8
10 18	23 52.64	− 3 41.0	1.036	1.972	13.7	20.0
10 28	23 46.34	− 3 24.7	1.082	1.955	18.8	20.3

334295 2001 UM_{220} 9 26.8 308°.08 1°.4/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 37.17	+ 6 50.7	1.469	2.298	18.2	20.6
8 29	0 34.58	+ 6 47.5	1.376	2.279	14.7	20.3
9 8	0 29.30	+ 6 25.5	1.302	2.260	10.4	20.0
9 18	0 21.77	+ 5 46.2	1.250	2.242	5.5	19.7
9 28	0 12.92	+ 4 54.0	1.222	2.224	1.4	19.4
10 8	0 4.01	+ 3 56.3	1.220	2.206	5.8	19.6
10 18	23 56.33	+ 3 1.8	1.243	2.188	10.9	19.9
10 28	23 51.00	+ 2 18.7	1.288	2.172	15.6	20.1

223365 2003 SC_{20} 9 26.8 187°.77 0°.4/27.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 36.80	+ 4 44.1	2.591	3.392	12.0	20.6
8 29	0 32.79	+ 4 27.2	2.503	3.391	9.4	20.5
9 8	0 27.21	+ 4 0.1	2.437	3.391	6.5	20.3
9 18	0 20.46	+ 3 24.9	2.398	3.390	3.2	20.1
9 28	0 13.13	+ 2 45.0	2.387	3.389	0.5	19.8
10 8	0 5.91	+ 2 4.6	2.406	3.388	3.7	20.1
10 18	23 59.44	+ 1 27.8	2.454	3.387	7.0	20.3
10 28	23 54.31	+ 0 58.5	2.528	3.385	9.9	20.5

178486 1999 TB_{64} 9 26.8 306.°92 0.°2/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 39.68	+ 3 28.0	1.343	2.185	18.9	20.8
8 29	0 36.76	+ 3 26.9	1.257	2.169	15.1	20.5
9 8	0 30.89	+ 3 9.7	1.189	2.153	10.5	20.2
9 18	0 22.56	+ 2 38.7	1.143	2.138	5.1	19.9
9 28	0 12.81	+ 1 59.2	1.121	2.123	0.7	19.5
10 8	0 3.05	+ 1 19.0	1.125	2.109	6.4	19.9
10 18	23 54.71	+ 0 46.0	1.152	2.095	11.9	20.1
10 28	23 48.97	+ 0 26.8	1.201	2.081	16.7	20.4

349173 2007 RT_{38} 9 26.8 1.°85 1.°3/27.4 18

8 19	0 44.73	+ 1 52.8	1.339	2.176	19.2	19.4
8 29	0 40.52	+ 2 45.0	1.266	2.174	15.3	19.1
9 8	0 33.27	+ 3 27.8	1.212	2.174	10.6	18.9
9 18	0 23.60	+ 4 1.4	1.181	2.174	5.4	18.6
9 28	0 12.69	+ 4 27.7	1.174	2.176	1.3	18.3
10 8	0 2.02	+ 4 50.0	1.193	2.178	6.0	18.6
10 18	23 53.01	+ 5 12.0	1.237	2.182	11.1	18.9
10 28	23 46.72	+ 5 37.9	1.304	2.187	15.5	19.2

513483 2009 DT_{59} 9 26.8 229.°78 5.°4/19.6 18

8 19	0 35.35	− 7 56.9	2.048	2.897	13.0	21.3
8 29	0 32.18	−10 2.8	1.972	2.891	10.1	21.1
9 8	0 27.08	−12 17.3	1.922	2.885	7.2	20.9
9 18	0 20.49	−14 31.4	1.899	2.879	5.4	20.8
9 28	0 13.14	−16 35.0	1.905	2.872	6.4	20.9
10 8	0 5.90	−18 19.1	1.939	2.866	9.1	21.0
10 18	23 59.59	−19 37.9	1.999	2.859	12.1	21.2
10 28	23 54.93	−20 28.9	2.082	2.851	14.8	21.4

438100 2005 EZ_{2} 9 26.8 9.°45 8.°8/17.1 18

8 19	0 32.69	−13 19.4	1.416	2.296	16.0	20.0
8 29	0 30.85	−15 40.9	1.366	2.297	12.7	19.8
9 8	0 26.52	−18 5.3	1.338	2.299	9.9	19.7
9 18	0 20.29	−20 19.4	1.333	2.301	8.8	19.6
9 28	0 13.18	−22 9.7	1.354	2.305	10.3	19.7
10 8	0 6.36	−23 26.6	1.397	2.309	13.1	19.9
10 18	0 0.92	−24 6.3	1.462	2.313	16.2	20.1
10 28	23 57.68	−24 9.8	1.545	2.319	19.0	20.3

144950 2005 EQ_{35} 9 26.8 178.°78 2.°4/28.6 18

8 19	0 43.70	+ 8 20.2	1.570	2.377	18.2	20.5
8 29	0 39.33	+ 8 34.1	1.490	2.378	14.7	20.3
9 8	0 32.27	+ 8 30.8	1.430	2.378	10.6	20.0
9 18	0 23.08	+ 8 10.9	1.391	2.378	6.0	19.8
9 28	0 12.78	+ 7 37.8	1.379	2.378	2.4	19.5
10 8	0 2.65	+ 6 57.3	1.394	2.378	5.4	19.7
10 18	23 53.91	+ 6 16.6	1.435	2.378	10.0	20.0
10 28	23 47.55	+ 5 42.7	1.499	2.377	14.2	20.3

340315 2006 DW_{11} 9 26.8 189.°59 0.°4/27.2 18

8 19	0 38.92	+ 5 43.7	1.915	2.727	15.2	21.7
8 29	0 35.05	+ 5 15.3	1.832	2.726	12.1	21.5
9 8	0 29.06	+ 4 31.7	1.769	2.725	8.3	21.3
9 18	0 21.45	+ 3 35.8	1.731	2.724	4.1	21.0
9 28	0 13.01	+ 2 32.8	1.721	2.723	0.5	20.8
10 8	0 4.73	+ 1 29.4	1.739	2.721	4.8	21.1
10 18	23 57.51	+ 0 32.3	1.784	2.719	9.0	21.3
10 28	23 52.13	− 0 13.0	1.854	2.717	12.6	21.6

257389 2009 SY_{155} 9 26.8 245.°27 0.°4/26.1 18

8 19	0 30.33	+ 1 0.6	4.397	5.201	7.4	20.7
8 29	0 27.14	+ 0 42.3	4.305	5.198	5.7	20.6
9 8	0 23.09	+ 0 19.4	4.237	5.196	3.8	20.5
9 18	0 18.42	− 0 6.7	4.198	5.193	1.8	20.3
9 28	0 13.45	− 0 33.8	4.189	5.190	0.6	20.2
10 8	0 8.54	− 0 59.7	4.210	5.187	2.6	20.4
10 18	0 4.01	− 1 22.4	4.261	5.184	4.6	20.5
10 28	0 0.20	− 1 39.9	4.339	5.181	6.4	20.6

225 Henrietta 9 26.8 37.°99 2.°2/29.7 18

8 19	0 32.30	+14 36.9	1.962	2.745	15.9	13.2
8 29	0 29.70	+13 34.5	1.896	2.767	12.8	13.1
9 8	0 25.28	+12 9.7	1.850	2.788	9.3	12.9
9 18	0 19.56	+10 26.2	1.829	2.811	5.4	12.7
9 28	0 13.30	+ 8 30.4	1.836	2.834	2.3	12.6
10 8	0 7.33	+ 6 31.1	1.871	2.857	4.1	12.7
10 18	0 2.39	+ 4 37.2	1.936	2.880	7.7	13.0
10 28	23 59.07	+ 2 56.5	2.026	2.904	11.0	13.3

292065 2006 RS_{13} 9 26.8 191.°37 3.°3/29.9 18

8 19	0 40.62	+13 46.3	1.822	2.599	17.1	21.6
8 29	0 36.61	+13 32.2	1.733	2.598	14.1	21.4
9 8	0 30.27	+12 56.4	1.663	2.597	10.5	21.1
9 18	0 22.09	+11 59.5	1.617	2.595	6.5	20.9
9 28	0 12.95	+10 45.1	1.597	2.592	3.4	20.7
10 8	0 3.93	+ 9 20.3	1.605	2.588	5.0	20.8
10 18	23 56.07	+ 7 53.6	1.641	2.584	8.9	21.0
10 28	23 50.24	+ 6 33.8	1.702	2.579	12.8	21.3

99073 2001 FX_{12} 9 26.8 48.°48 1.°5/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 36.72	+ 1 19.1	1.697	2.535	15.7	19.6
8 29	0 33.49	+ 0 30.7	1.628	2.541	12.2	19.4
9 8	0 28.06	− 0 31.2	1.580	2.547	8.1	19.2
9 18	0 20.97	− 1 41.5	1.557	2.553	3.8	18.9
9 28	0 13.11	− 2 52.8	1.560	2.560	2.0	18.8
10 8	0 5.51	− 3 57.2	1.590	2.566	6.1	19.1
10 18	23 59.10	− 4 48.4	1.647	2.573	10.2	19.4
10 28	23 54.65	− 5 21.7	1.726	2.580	13.8	19.6

35578 1998 HE_{34} 9 26.8 105.°38 0.°7/26.0 18

8 19	0 37.96	+ 1 33.1	2.164	2.984	13.4	19.4
8 29	0 33.97	+ 1 8.0	2.087	2.989	10.5	19.2
9 8	0 28.14	+ 0 32.9	2.033	2.994	7.0	19.0
9 18	0 20.95	− 0 9.0	2.004	2.999	3.3	18.8
9 28	0 13.12	− 0 53.0	2.003	3.004	1.1	18.7
10 8	0 5.48	− 1 33.8	2.031	3.009	4.7	18.9
10 18	23 58.79	− 2 7.0	2.086	3.014	8.3	19.2
10 28	23 53.71	− 2 28.8	2.167	3.018	11.5	19.4

407871 2012 BB_{90} 9 26.8 190.°30 0.°2/27.0 18

8 19	0 37.14	+ 4 15.5	2.882	3.677	11.0	22.4
8 29	0 32.90	+ 3 54.9	2.790	3.676	8.7	22.2
9 8	0 27.22	+ 3 25.1	2.721	3.674	5.9	22.1
9 18	0 20.47	+ 2 48.3	2.680	3.672	2.9	21.9
9 28	0 13.19	+ 2 7.5	2.668	3.669	0.4	21.6
10 8	0 6.00	+ 1 26.7	2.686	3.666	3.5	21.9
10 18	23 59.48	+ 0 49.5	2.733	3.663	6.5	22.1
10 28	23 54.18	+ 0 19.5	2.808	3.659	9.2	22.3

353916 2012 XL_{133} 9 26.8 332.°22 1.°9/25.4 18

8 19	0 37.12	− 0 58.0	1.410	2.264	17.5	20.2
8 29	0 34.51	− 1 16.4	1.329	2.251	13.7	20.0
9 8	0 29.19	− 1 47.0	1.268	2.238	9.3	19.7
9 18	0 21.69	− 2 25.4	1.229	2.225	4.4	19.4
9 28	0 13.01	− 3 4.5	1.214	2.214	2.4	19.2
10 8	0 4.42	− 3 36.9	1.225	2.203	7.1	19.5
10 18	23 57.18	− 3 55.9	1.260	2.194	12.0	19.7
10 28	23 52.31	− 3 57.4	1.316	2.185	16.3	20.0

176369 2001 TO_{160} 9 26.8 98.°80 0.°5/27.3 18

8 19	0 37.53	+ 5 23.4	2.062	2.872	14.3	21.3
8 29	0 33.78	+ 5 3.8	1.981	2.875	11.3	21.1
9 8	0 28.10	+ 4 31.0	1.922	2.877	7.8	20.9
9 18	0 20.97	+ 3 47.6	1.888	2.880	3.9	20.6
9 28	0 13.12	+ 2 58.0	1.881	2.883	0.6	20.4
10 8	0 5.44	+ 2 7.7	1.903	2.885	4.4	20.7
10 18	23 58.75	+ 1 22.4	1.952	2.888	8.2	20.9
10 28	23 53.73	+ 0 46.9	2.026	2.890	11.6	21.1

228848 2003 FC_{31} 9 26.8 172.°91 3.°9/23.3 18

8 19	0 41.81	− 6 19.7	1.809	2.650	14.8	20.8
8 29	0 37.35	− 7 7.8	1.737	2.652	11.5	20.6
9 8	0 30.63	− 8 2.3	1.688	2.653	7.8	20.4
9 18	0 22.20	− 8 57.0	1.663	2.654	4.6	20.2
9 28	0 12.95	− 9 44.6	1.666	2.655	4.4	20.2
10 8	0 3.96	−10 18.9	1.696	2.655	7.6	20.4
10 18	23 56.18	−10 35.7	1.752	2.655	11.2	20.6
10 28	23 50.42	−10 33.3	1.831	2.655	14.5	20.8

322177 2010 XA_{31} 9 26.8 144.°60 1.°6/28.9 18

8 19	0 36.05	+10 3.1	2.622	3.401	12.4	21.5
8 29	0 32.19	+ 9 44.0	2.537	3.407	10.0	21.3
9 8	0 26.80	+ 9 11.7	2.473	3.413	7.1	21.2
9 18	0 20.29	+ 8 27.8	2.435	3.419	4.1	21.0
9 28	0 13.22	+ 7 35.3	2.426	3.424	1.7	20.8
10 8	0 6.29	+ 6 38.8	2.446	3.430	3.5	21.0
10 18	0 0.13	+ 5 43.1	2.495	3.435	6.5	21.2
10 28	23 55.28	+ 4 52.8	2.572	3.439	9.3	21.4

145843 1999 AD_{10} 9 26.8 272.°41 0.°9/28.2 17

8 19	0 32.58	+ 7 32.1	3.376	4.160	9.8	20.6
8 29	0 29.25	+ 7 12.7	3.267	4.143	7.8	20.4
9 8	0 24.72	+ 6 43.8	3.180	4.126	5.5	20.2
9 18	0 19.28	+ 6 6.7	3.121	4.109	3.0	20.0
9 28	0 13.36	+ 5 23.8	3.091	4.091	0.9	19.9
10 8	0 7.45	+ 4 38.5	3.090	4.073	2.9	20.0
10 18	0 2.03	+ 3 54.1	3.120	4.056	5.5	20.2
10 28	23 57.58	+ 3 14.1	3.177	4.038	7.9	20.3

157737 2006 BX_{161} 9 26.8 189.°29 2.°5/30.3 18

8 19	0 34.49	+14 14.4	2.712	3.471	12.5	20.3
8 29	0 31.01	+13 47.2	2.617	3.470	10.3	20.1
9 8	0 26.03	+13 4.1	2.543	3.469	7.6	20.0
9 18	0 19.93	+12 6.3	2.494	3.468	4.8	19.8
9 28	0 13.28	+10 56.9	2.474	3.467	2.6	19.6
10 8	0 6.72	+ 9 40.5	2.483	3.465	3.6	19.7
10 18	0 0.88	+ 8 22.7	2.521	3.463	6.3	19.9
10 28	23 56.30	+ 7 9.0	2.588	3.461	9.1	20.1

516105 2015 UA_{12} 9 26.8 96°.17 1°.1/25.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 40.20	− 0 49.3	2.195	3.016	13.2	21.7
8 29	0 35.66	− 1 2.5	2.120	3.022	10.3	21.5
9 8	0 29.25	− 1 23.3	2.066	3.028	6.9	21.3
9 18	0 21.48	− 1 48.6	2.039	3.034	3.2	21.1
9 28	0 13.07	− 2 14.0	2.040	3.040	1.5	21.0
10 8	0 4.87	− 2 35.4	2.071	3.046	4.9	21.2
10 18	23 57.66	− 2 49.1	2.128	3.052	8.4	21.4
10 28	23 52.08	− 2 52.3	2.211	3.058	11.5	21.7

448417 2009 SQ_{157} 9 26.8 234°.88 1°.7/29.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 34.94	+10 45.4	2.814	3.587	11.8	22.0
8 29	0 31.34	+10 21.9	2.709	3.576	9.5	21.9
9 8	0 26.26	+ 9 45.1	2.627	3.565	6.9	21.7
9 18	0 20.06	+ 8 56.2	2.571	3.554	4.0	21.5
9 28	0 13.27	+ 7 58.0	2.544	3.542	1.7	21.3
10 8	0 6.51	+ 6 54.9	2.547	3.530	3.4	21.4
10 18	0 0.40	+ 5 51.6	2.579	3.518	6.3	21.6
10 28	23 55.51	+ 4 53.2	2.638	3.505	9.2	21.7

68501 2001 UE_{53} 9 26.8 260°.22 1°.9/28.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 36.64	+11 33.8	1.880	2.674	16.1	20.3
8 29	0 33.55	+10 53.4	1.777	2.657	13.1	20.0
9 8	0 28.26	+ 9 50.7	1.694	2.639	9.5	19.8
9 18	0 21.19	+ 8 27.2	1.636	2.621	5.4	19.5
9 28	0 13.11	+ 6 47.9	1.604	2.603	1.9	19.2
10 8	0 5.02	+ 5 1.0	1.600	2.585	4.8	19.4
10 18	23 57.91	+ 3 16.0	1.624	2.566	9.1	19.6
10 28	23 52.65	+ 1 42.2	1.674	2.547	13.2	19.8

321501 2009 SD_{129} 9 26.8 49°.54 3°.4/25.0 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 50.91	− 5 44.3	1.155	2.008	20.6	19.8
8 29	0 44.96	− 5 44.8	1.119	2.039	15.9	19.7
9 8	0 35.84	− 5 51.0	1.102	2.070	10.6	19.5
9 18	0 24.57	− 5 57.2	1.107	2.102	5.3	19.3
9 28	0 12.70	− 5 56.7	1.137	2.134	3.8	19.3
10 8	0 1.82	− 5 44.9	1.193	2.166	8.0	19.6
10 18	23 53.20	− 5 19.5	1.272	2.198	12.6	20.0
10 28	23 47.59	− 4 40.3	1.373	2.231	16.5	20.3

137724 1999 XW_{111} 9 26.8 317°.47 2°.7/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 38.55	− 1 56.9	1.293	2.153	18.4	20.0
8 29	0 35.91	− 2 26.0	1.214	2.139	14.5	19.7
9 8	0 30.32	− 3 8.2	1.153	2.125	9.8	19.4
9 18	0 22.31	− 3 57.9	1.115	2.111	4.8	19.1
9 28	0 12.96	− 4 46.8	1.100	2.098	3.3	18.9
10 8	0 3.69	− 5 25.8	1.110	2.086	8.1	19.2
10 18	23 55.91	− 5 47.6	1.143	2.074	13.2	19.4
10 28	23 50.74	− 5 48.0	1.197	2.063	17.8	19.7

342654 2008 VJ_{3} 9 26.8 263°.95 0°.4/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 43.79	+ 0 53.8	1.809	2.630	15.6	20.5
8 29	0 39.09	+ 0 58.2	1.720	2.622	12.3	20.3
9 8	0 31.97	+ 0 53.0	1.653	2.613	8.4	20.1
9 18	0 22.94	+ 0 40.7	1.610	2.605	4.0	19.8
9 28	0 12.89	+ 0 25.2	1.595	2.596	0.8	19.5
10 8	0 2.93	+ 0 11.4	1.607	2.588	5.4	19.8
10 18	23 54.13	+ 0 3.6	1.647	2.579	9.8	20.1
10 28	23 47.42	+ 0 5.7	1.711	2.571	13.6	20.3

344435 2002 FD_{38} 9 26.8 87°.52 0°.7/25.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 32.12	− 1 41.8	4.486	5.294	7.2	20.3
8 29	0 28.48	− 1 51.7	4.399	5.296	5.5	20.2
9 8	0 23.98	− 2 4.8	4.338	5.298	3.7	20.1
9 18	0 18.87	− 2 19.8	4.305	5.300	1.7	19.9
9 28	0 13.47	− 2 34.6	4.303	5.302	0.9	19.8
10 8	0 8.14	− 2 47.4	4.330	5.304	2.7	20.0
10 18	0 3.22	− 2 56.5	4.388	5.306	4.6	20.1
10 28	23 59.02	− 3 0.3	4.474	5.307	6.4	20.3

317410 2002 PV_{174} 9 26.8 65°.89 2°.5/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 40.26	− 2 50.8	1.749	2.589	15.3	20.6
8 29	0 36.14	− 3 22.9	1.683	2.597	11.8	20.4
9 8	0 29.80	− 4 3.3	1.639	2.606	7.9	20.2
9 18	0 21.80	− 4 47.2	1.619	2.614	3.9	20.0
9 28	0 13.07	− 5 28.1	1.626	2.623	2.9	19.9
10 8	0 4.64	− 6 0.0	1.661	2.632	6.5	20.2
10 18	23 57.46	− 6 18.4	1.721	2.640	10.3	20.4
10 28	23 52.27	− 6 20.9	1.805	2.649	13.7	20.7

348061 2003 UR_{272} 9 26.8 332°.08 7°.9/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 40.86	−15 11.1	1.453	2.317	16.5	19.9
8 29	0 37.35	−16 1.7	1.383	2.304	13.3	19.7
9 8	0 31.05	−16 51.2	1.333	2.292	10.1	19.5
9 18	0 22.55	−17 30.4	1.305	2.281	8.0	19.3
9 28	0 12.95	−17 50.3	1.302	2.270	8.6	19.3
10 8	0 3.60	−17 44.5	1.323	2.260	11.5	19.5
10 18	23 55.75	−17 11.0	1.366	2.251	15.0	19.7
10 28	23 50.37	−16 11.3	1.429	2.243	18.3	19.9

353514 2011 SV_{113} 9 26.8 30°.60 0°.2/26.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 40.87	+ 2 3.7	1.710	2.537	16.1	20.8
8 29	0 36.77	+ 2 1.8	1.637	2.541	12.7	20.5
9 8	0 30.32	+ 1 48.3	1.584	2.545	8.6	20.3
9 18	0 22.10	+ 1 26.3	1.554	2.549	4.1	20.1
9 28	0 13.02	+ 1 0.1	1.552	2.554	0.7	19.8
10 8	0 4.18	+ 0 35.4	1.577	2.559	5.3	20.2
10 18	23 56.60	+ 0 17.1	1.628	2.564	9.6	20.4
10 28	23 51.08	+ 0 9.4	1.703	2.569	13.4	20.7

67208 2000 DQ_{20} 9 26.8 44°.81 7°.0/ 4.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 40.80	+22 34.1	2.240	2.950	16.1	18.6
8 29	0 36.43	+23 31.7	2.157	2.958	14.0	18.4
9 8	0 29.99	+24 10.5	2.092	2.966	11.6	18.3
9 18	0 21.94	+24 28.0	2.050	2.974	9.1	18.1
9 28	0 13.04	+24 23.2	2.032	2.983	7.4	18.0
10 8	0 4.24	+23 58.5	2.041	2.992	7.1	18.1
10 18	23 56.43	+23 18.4	2.077	3.001	8.5	18.2
10 28	23 50.38	+22 29.6	2.138	3.010	10.8	18.3

272955 2006 CC_{11} 9 26.8 73°.13 3°.5/23.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 40.62	− 3 40.8	1.603	2.449	16.1	19.9
8 29	0 36.42	− 4 44.9	1.555	2.473	12.3	19.8
9 8	0 29.93	− 5 57.4	1.528	2.496	8.2	19.6
9 18	0 21.82	− 7 11.2	1.526	2.519	4.4	19.4
9 28	0 13.09	− 8 17.9	1.550	2.542	4.1	19.4
10 8	0 4.83	− 9 10.1	1.602	2.565	7.5	19.7
10 18	23 57.99	− 9 43.2	1.678	2.588	11.2	20.0
10 28	23 53.27	− 9 55.5	1.778	2.610	14.5	20.2

93965 2000 XL_{3} 9 26.8 53°.34 9°.0/ 5.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 42.15	+23 53.0	1.555	2.290	21.3	18.4
8 29	0 38.27	+24 57.7	1.491	2.307	18.5	18.2
9 8	0 31.61	+25 35.2	1.443	2.325	15.3	18.1
9 18	0 22.79	+25 41.3	1.414	2.343	12.1	17.9
9 28	0 12.93	+25 15.1	1.407	2.361	9.7	17.8
10 8	0 3.38	+24 21.1	1.424	2.380	9.1	17.9
10 18	23 55.39	+23 7.6	1.466	2.398	10.8	18.0
10 28	23 49.89	+21 45.8	1.531	2.417	13.4	18.2

485264 2010 VJ_{216} 9 26.8 304°.17 5°.4/21.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 39.91	−12 44.8	2.056	2.901	13.1	21.5
8 29	0 35.72	−13 27.4	1.978	2.891	10.3	21.3
9 8	0 29.48	−14 10.6	1.922	2.881	7.5	21.2
9 18	0 21.67	−14 48.4	1.892	2.871	5.6	21.0
9 28	0 13.10	−15 14.5	1.889	2.861	6.0	21.0
10 8	0 4.69	−15 24.1	1.913	2.852	8.4	21.2
10 18	23 57.31	−15 14.8	1.962	2.842	11.3	21.3
10 28	23 51.72	−14 46.0	2.034	2.833	14.1	21.5

71199 1999 XM_{236} 9 26.8 102°.66 6°.1/ 3.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 41.86	+20 6.3	1.989	2.723	17.2	18.8
8 29	0 37.38	+20 40.2	1.912	2.736	14.7	18.6
9 8	0 30.66	+20 53.1	1.853	2.749	11.7	18.4
9 18	0 22.26	+20 43.1	1.816	2.762	8.7	18.3
9 28	0 13.02	+20 11.0	1.805	2.774	6.5	18.2
10 8	0 3.98	+19 20.9	1.820	2.787	6.5	18.2
10 18	23 56.11	+18 19.0	1.863	2.799	8.6	18.4
10 28	23 50.21	+17 13.5	1.931	2.811	11.4	18.6

107679 2001 FQ_{10} 9 26.8 210°.41 0°.1/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 37.90	+ 4 46.6	1.869	2.687	15.3	19.9
8 29	0 34.32	+ 4 19.1	1.788	2.687	12.1	19.7
9 8	0 28.62	+ 3 37.1	1.728	2.686	8.2	19.5
9 18	0 21.30	+ 2 43.6	1.692	2.686	4.0	19.3
9 28	0 13.15	+ 1 44.0	1.683	2.685	0.5	19.0
10 8	0 5.17	+ 0 44.9	1.702	2.684	4.9	19.3
10 18	23 58.26	− 0 7.1	1.748	2.683	9.1	19.6
10 28	23 53.19	− 0 46.8	1.819	2.682	12.8	19.8

478877 2012 VU_{102} 9 26.8 318°.04 2°.7/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 38.87	− 3 0.2	1.604	2.452	16.0	20.9
8 29	0 35.50	− 3 31.9	1.524	2.443	12.5	20.7
9 8	0 29.66	− 4 13.4	1.465	2.434	8.4	20.4
9 18	0 21.89	− 4 59.4	1.430	2.425	4.2	20.2
9 28	0 13.09	− 5 43.0	1.420	2.417	3.2	20.1
10 8	0 4.44	− 6 17.1	1.437	2.409	7.2	20.3
10 18	23 57.04	− 6 36.2	1.479	2.402	11.5	20.6
10 28	23 51.78	− 6 37.0	1.543	2.395	15.3	20.8

152411 2005 UE_{340} 9 26.8 4°.01 1°.7/25.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 36.30	− 0 40.3	1.933	2.769	14.2	20.1
8 29	0 32.96	− 1 17.1	1.857	2.769	11.0	19.9
9 8	0 27.63	− 2 4.1	1.802	2.769	7.3	19.7
9 18	0 20.81	− 2 56.7	1.773	2.769	3.5	19.5
9 28	0 13.26	− 3 49.1	1.771	2.770	2.2	19.4
10 8	0 5.88	− 4 35.1	1.797	2.771	5.7	19.6
10 18	23 59.53	− 5 9.6	1.849	2.772	9.5	19.9
10 28	23 54.91	− 5 29.0	1.925	2.774	12.8	20.1

206375 2003 QK_{105} 9 26.8 3°.73 6°.8/20.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 29.67	− 6 52.0	1.213	2.100	17.6	18.6
8 29	0 28.86	− 8 50.9	1.158	2.098	13.6	18.3
9 8	0 25.39	−11 1.3	1.124	2.098	9.5	18.1
9 18	0 19.88	−13 10.4	1.112	2.100	6.9	18.0
9 28	0 13.39	−15 3.5	1.124	2.103	8.1	18.0
10 8	0 7.20	−16 28.5	1.160	2.107	11.7	18.3
10 18	0 2.48	−17 18.7	1.217	2.113	15.6	18.5
10 28	0 0.08	−17 32.9	1.292	2.119	19.1	18.8

220748 2004 TG_{68} 9 26.8 20°.53 8°.9/20.0 18

8 19	0 42.86	−20 48.1	1.635	2.488	15.5	18.8
8 29	0 38.31	−21 34.6	1.588	2.497	12.7	18.6
9 8	0 31.27	−22 13.2	1.563	2.506	10.2	18.5
9 18	0 22.49	−22 35.5	1.560	2.516	8.9	18.5
9 28	0 13.05	−22 34.9	1.582	2.527	9.5	18.5
10 8	0 4.14	−22 8.2	1.628	2.539	11.6	18.7
10 18	23 56.78	−21 16.0	1.697	2.552	14.1	18.9
10 28	23 51.70	−20 1.5	1.786	2.565	16.6	19.1

192693 1999 TH_{42} 9 26.8 41°.06 0°.9/27.5 18

8 19	0 38.62	+ 6 1.3	1.586	2.410	17.3	20.3
8 29	0 35.20	+ 5 48.5	1.516	2.416	13.7	20.1
9 8	0 29.36	+ 5 19.0	1.465	2.423	9.5	19.9
9 18	0 21.69	+ 4 35.5	1.438	2.430	4.8	19.6
9 28	0 13.14	+ 3 43.6	1.436	2.438	0.9	19.4
10 8	0 4.86	+ 2 50.4	1.461	2.445	5.2	19.7
10 18	23 57.89	+ 2 2.9	1.512	2.453	9.7	20.0
10 28	23 53.07	+ 1 27.2	1.586	2.461	13.7	20.2

521880 2015 TS_{380} 9 26.8 195°.40 4°.7/21.4 18

8 19	0 39.00	−12 33.2	2.417	3.255	11.6	21.4
8 29	0 34.61	−13 18.5	2.345	3.255	9.1	21.2
9 8	0 28.52	−14 4.1	2.297	3.254	6.6	21.1
9 18	0 21.16	−14 44.9	2.275	3.253	4.9	21.0
9 28	0 13.23	−15 15.7	2.282	3.252	5.3	21.0
10 8	0 5.48	−15 32.3	2.316	3.251	7.4	21.1
10 18	23 58.63	−15 32.5	2.377	3.250	9.9	21.3
10 28	23 53.29	−15 15.7	2.461	3.249	12.3	21.5

472542 2015 DW_{25} 9 26.8 173°.80 0°.1/26.9 16

8 19	0 43.96	+ 3 6.2	1.636	2.457	17.0	21.6
8 29	0 39.39	+ 3 2.6	1.558	2.458	13.4	21.4
9 8	0 32.25	+ 2 46.0	1.500	2.459	9.2	21.1
9 18	0 23.11	+ 2 18.8	1.465	2.459	4.5	20.9
9 28	0 12.97	+ 1 46.0	1.458	2.460	0.6	20.6
10 8	0 3.04	+ 1 13.6	1.478	2.460	5.5	21.0
10 18	23 54.45	+ 0 47.5	1.524	2.460	10.1	21.2
10 28	23 48.12	+ 0 32.5	1.594	2.460	14.2	21.5

128162 2003 QC_{103} 9 26.8 46°.04 1°.4/28.3 18

8 19	0 38.16	+ 7 6.0	2.273	3.070	13.6	19.8
8 29	0 34.14	+ 7 6.9	2.188	3.071	10.9	19.6
9 8	0 28.32	+ 6 55.7	2.125	3.073	7.7	19.4
9 18	0 21.13	+ 6 33.8	2.087	3.075	4.2	19.2
9 28	0 13.27	+ 6 4.2	2.077	3.077	1.4	19.0
10 8	0 5.53	+ 5 31.1	2.096	3.079	4.0	19.2
10 18	23 58.68	+ 4 58.9	2.142	3.081	7.4	19.4
10 28	23 53.38	+ 4 32.2	2.215	3.083	10.6	19.6

436062 2009 RC_{68} 9 26.8 315°.74 0°.6/27.3 18

8 19	0 34.98	+ 7 11.3	1.410	2.245	18.5	21.3
8 29	0 32.88	+ 6 36.4	1.326	2.233	14.8	21.0
9 8	0 28.15	+ 5 38.8	1.261	2.222	10.3	20.7
9 18	0 21.28	+ 4 21.6	1.218	2.212	5.2	20.4
9 28	0 13.23	+ 2 52.0	1.200	2.201	0.7	20.0
10 8	0 5.27	+ 1 20.3	1.207	2.192	6.0	20.4
10 18	23 58.60	− 0 2.8	1.239	2.182	11.2	20.7
10 28	23 54.26	− 1 8.3	1.293	2.173	15.8	20.9

437787 2015 CC_{25} 9 26.8 280°.78 1°.1/27.6 18

8 19	0 40.82	+ 6 1.9	1.477	2.302	18.3	21.2
8 29	0 37.58	+ 5 56.7	1.380	2.281	14.8	20.9
9 8	0 31.49	+ 5 33.4	1.301	2.259	10.4	20.6
9 18	0 22.98	+ 4 53.3	1.245	2.237	5.4	20.3
9 28	0 13.00	+ 4 1.0	1.214	2.215	1.1	19.9
10 8	0 2.87	+ 3 4.1	1.208	2.193	6.0	20.2
10 18	23 53.98	+ 2 11.2	1.228	2.170	11.4	20.4
10 28	23 47.53	+ 1 30.5	1.270	2.148	16.2	20.7

164370 2005 EZ_{49} 9 26.8 336°.23 0°.6/26.4 18

8 19	0 44.64	− 0 38.9	1.614	2.445	16.7	19.2
8 29	0 40.03	− 0 19.4	1.532	2.439	13.2	18.9
9 8	0 32.77	− 0 7.7	1.470	2.433	9.0	18.7
9 18	0 23.42	− 0 1.6	1.432	2.428	4.3	18.4
9 28	0 12.97	+ 0 2.6	1.421	2.423	1.0	18.1
10 8	0 2.67	+ 0 9.1	1.437	2.418	5.8	18.5
10 18	23 53.72	+ 0 21.6	1.479	2.414	10.5	18.7
10 28	23 47.09	+ 0 43.1	1.545	2.411	14.5	19.0

446636 2015 MA_{118} 9 26.8 15°.67 3°.8/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 36.71	− 4 56.5	1.772	2.622	14.7	20.8
8 29	0 33.47	− 5 58.7	1.703	2.623	11.3	20.5
9 8	0 28.08	− 7 9.2	1.656	2.624	7.6	20.3
9 18	0 21.08	− 8 21.5	1.634	2.626	4.4	20.2
9 28	0 13.30	− 9 27.6	1.638	2.627	4.4	20.2
10 8	0 5.75	−10 20.3	1.669	2.629	7.6	20.4
10 18	23 59.33	−10 54.5	1.726	2.631	11.2	20.6
10 28	23 54.80	−11 7.7	1.805	2.634	14.4	20.8

111263 2001 XK_{26} 9 26.8 215°.32 14°.5/ 7.1 17

8 19	0 48.56	+29 49.7	1.382	2.083	24.9	19.7
8 29	0 44.58	+31 55.1	1.303	2.080	22.6	19.5
9 8	0 36.86	+33 33.4	1.236	2.077	19.9	19.3
9 18	0 25.80	+34 34.4	1.187	2.074	17.3	19.2
9 28	0 12.61	+34 49.8	1.156	2.070	15.2	19.0
10 8	23 59.18	+34 18.1	1.146	2.066	14.5	19.0
10 18	23 47.50	+33 5.6	1.157	2.062	15.5	19.0
10 28	23 39.20	+31 26.5	1.189	2.057	17.7	19.2

221953 1994 TC_{13} 9 26.8 231°.75 0°.7/27.4 18

8 19	0 42.21	+ 5 5.5	1.836	2.646	15.8	20.8
8 29	0 37.89	+ 4 57.5	1.744	2.637	12.6	20.6
9 8	0 31.21	+ 4 35.4	1.673	2.628	8.8	20.3
9 18	0 22.66	+ 4 1.4	1.627	2.619	4.4	20.0
9 28	0 13.08	+ 3 19.5	1.607	2.609	0.7	19.7
10 8	0 3.55	+ 2 35.7	1.616	2.599	5.0	20.0
10 18	23 55.14	+ 1 56.1	1.651	2.588	9.4	20.3
10 28	23 48.72	+ 1 26.4	1.712	2.577	13.4	20.5

318641 2005 LZ_{38} 9 26.8 103°.75 0°.7/25.4 17

8 19	0 28.97	+ 0 26.7	4.394	5.203	7.3	20.7
8 29	0 26.14	− 0 8.9	4.307	5.205	5.6	20.6
9 8	0 22.49	− 0 49.5	4.247	5.207	3.7	20.5
9 18	0 18.24	− 1 32.9	4.214	5.209	1.7	20.3
9 28	0 13.70	− 2 16.9	4.211	5.211	0.9	20.2
10 8	0 9.23	− 2 58.7	4.239	5.213	2.7	20.4
10 18	0 5.14	− 3 36.1	4.296	5.215	4.7	20.6
10 28	0 1.75	− 4 7.1	4.381	5.216	6.5	20.7

145742 1995 SV_{74} 9 26.8 211°.98 1°.2/25.8 18

8 19	0 40.49	+ 1 59.5	1.743	2.570	15.9	20.9
8 29	0 36.57	+ 1 18.7	1.660	2.566	12.4	20.7
9 8	0 30.31	+ 0 23.7	1.598	2.561	8.4	20.4
9 18	0 22.21	− 0 41.4	1.560	2.556	3.9	20.2
9 28	0 13.16	− 1 49.6	1.550	2.550	1.6	20.0
10 8	0 4.24	− 2 53.3	1.567	2.545	6.0	20.3
10 18	23 56.49	− 3 45.5	1.611	2.538	10.4	20.5
10 28	23 50.79	− 4 21.0	1.678	2.531	14.2	20.7

224361 2005 UX_{128} 9 26.8 121°.88 0°.9/25.9 18

8 19	0 42.29	+ 1 31.5	1.844	2.665	15.3	20.9
8 29	0 37.63	+ 1 1.8	1.776	2.678	12.0	20.7
9 8	0 30.78	+ 0 20.5	1.729	2.691	8.0	20.5
9 18	0 22.33	− 0 28.4	1.707	2.703	3.7	20.3
9 28	0 13.16	− 1 19.0	1.713	2.714	1.3	20.1
10 8	0 4.29	− 2 5.1	1.748	2.725	5.4	20.4
10 18	23 56.65	− 2 41.4	1.809	2.736	9.4	20.7
10 28	23 50.97	− 3 3.9	1.895	2.746	12.9	20.9

71920 2000 WX_{54} 9 26.8 200°.58 7°.5/ 4.5 18

8 19	0 41.68	+23 42.3	2.077	2.785	17.3	19.3
8 29	0 37.44	+24 30.1	1.984	2.783	15.1	19.1
9 8	0 30.91	+24 56.7	1.908	2.781	12.6	19.0
9 18	0 22.54	+24 59.1	1.854	2.779	10.0	18.8
9 28	0 13.13	+24 36.1	1.825	2.776	8.0	18.7
10 8	0 3.75	+23 50.2	1.821	2.774	7.7	18.7
10 18	23 55.41	+22 47.1	1.844	2.771	9.3	18.8
10 28	23 49.01	+21 35.1	1.891	2.767	11.8	18.9

509390 2007 CT_{38} 9 26.8 263°.41 0°.9/27.6 18

8 19	0 40.11	+ 6 20.4	1.729	2.543	16.5	22.3
8 29	0 36.50	+ 6 5.1	1.632	2.527	13.2	22.0
9 8	0 30.44	+ 5 32.8	1.555	2.510	9.3	21.8
9 18	0 22.37	+ 4 45.7	1.502	2.493	4.8	21.5
9 28	0 13.15	+ 3 48.2	1.474	2.476	0.9	21.2
10 8	0 3.89	+ 2 47.4	1.475	2.458	5.3	21.4
10 18	23 55.73	+ 1 50.9	1.501	2.441	10.0	21.7
10 28	23 49.63	+ 1 5.5	1.552	2.422	14.2	21.9

273788 2007 FT_{2} 9 26.8 162°.81 6°.1/20.7 18

8 19	0 41.89	−12 38.4	1.928	2.773	13.8	20.9
8 29	0 37.32	−13 53.1	1.865	2.777	10.9	20.8
9 8	0 30.58	−15 9.1	1.825	2.782	8.0	20.6
9 18	0 22.25	−16 18.8	1.810	2.785	6.2	20.5
9 28	0 13.20	−17 14.3	1.823	2.788	6.8	20.5
10 8	0 4.42	−17 49.7	1.862	2.791	9.3	20.7
10 18	23 56.83	−18 2.2	1.927	2.793	12.2	20.9
10 28	23 51.16	−17 51.6	2.013	2.795	14.9	21.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
49090 1998 RV_{69}			9 26.8 85°.55	1°.2/25.8 18		
	h m	° ′			°	m
8 19	0 43.60	+ 1 7.0	1.528	2.360	17.4	18.9
8 29	0 38.97	+ 0 36.7	1.472	2.380	13.5	18.7
9 8	0 31.82	− 0 6.5	1.436	2.400	9.0	18.5
9 18	0 22.85	− 0 57.5	1.424	2.419	4.2	18.3
9 28	0 13.13	− 1 49.4	1.438	2.439	1.7	18.1
10 8	0 3.88	− 2 34.9	1.480	2.458	6.1	18.5
10 18	23 56.17	− 3 8.1	1.547	2.476	10.5	18.8
10 28	23 50.76	− 3 25.3	1.638	2.495	14.3	19.1
350430 2012 VO_{83}			9 26.8 291°.25	0°.4/26.5 18		
8 19	0 37.92	+ 3 36.7	1.771	2.597	15.7	21.1
8 29	0 34.51	+ 3 6.9	1.690	2.593	12.4	20.8
9 8	0 28.88	+ 2 22.5	1.629	2.590	8.4	20.6
9 18	0 21.53	+ 1 27.0	1.592	2.587	4.0	20.3
9 28	0 13.29	+ 0 26.4	1.583	2.584	0.8	20.1
10 8	0 5.20	− 0 32.3	1.600	2.581	5.4	20.4
10 18	23 58.23	− 1 22.3	1.645	2.578	9.7	20.7
10 28	23 53.19	− 1 58.3	1.713	2.576	13.5	20.9
478442 2012 JZ_{25}			9 26.8 88°.72	2°.8/24.4 17		
8 19	0 42.49	− 2 4.8	1.528	2.370	17.0	22.1
8 29	0 38.11	− 2 56.3	1.473	2.388	13.1	21.9
9 8	0 31.24	− 3 58.5	1.439	2.406	8.7	21.7
9 18	0 22.58	− 5 4.6	1.429	2.424	4.3	21.5
9 28	0 13.17	− 6 6.5	1.446	2.442	3.4	21.5
10 8	0 4.23	− 6 56.2	1.489	2.459	7.2	21.7
10 18	23 56.79	− 7 28.7	1.558	2.476	11.3	22.0
10 28	23 51.62	− 7 41.2	1.650	2.493	14.9	22.3
232158 2002 CG_{245}			9 26.8 273°.39	4°.8/30.9 18		
8 19	0 40.18	+14 49.8	1.788	2.563	17.5	20.5
8 29	0 36.54	+15 15.9	1.693	2.552	14.7	20.3
9 8	0 30.45	+15 22.5	1.617	2.542	11.3	20.1
9 18	0 22.38	+15 8.2	1.562	2.531	7.7	19.8
9 28	0 13.17	+14 34.1	1.533	2.521	5.0	19.7
10 8	0 3.95	+13 44.5	1.531	2.510	5.8	19.7
10 18	23 55.82	+12 46.4	1.555	2.499	9.2	19.9
10 28	23 49.76	+11 48.1	1.603	2.488	13.0	20.1
325674 2009 TQ_{6}			9 26.8 285°.98	2°.6/30.1 18		
8 19	0 34.28	+13 16.1	2.361	3.134	13.8	20.6
8 29	0 31.17	+12 55.5	2.266	3.129	11.3	20.5
9 8	0 26.36	+12 17.8	2.191	3.124	8.4	20.3
9 18	0 20.25	+11 24.1	2.142	3.119	5.2	20.1
9 28	0 13.47	+10 17.6	2.119	3.114	2.7	19.9
10 8	0 6.77	+ 9 3.6	2.126	3.109	3.9	20.0
10 18	0 0.87	+ 7 48.1	2.161	3.104	7.1	20.2
10 28	23 56.40	+ 6 37.5	2.222	3.100	10.2	20.3
165650 2001 HN_{36}			9 26.8 99°.74	10°.4/12.7 18		
8 19	0 38.29	+38 46.0	2.150	2.745	19.4	19.4
8 29	0 34.88	+39 0.8	2.063	2.754	17.8	19.3
9 8	0 29.15	+38 44.8	1.989	2.762	15.8	19.2
9 18	0 21.64	+37 53.7	1.931	2.771	13.7	19.0
9 28	0 13.30	+36 26.0	1.895	2.780	11.8	18.9
10 8	0 5.22	+34 25.1	1.882	2.788	10.6	18.9
10 18	23 58.40	+31 58.7	1.895	2.796	10.6	18.9
10 28	23 53.64	+29 18.2	1.935	2.804	11.9	19.0
11583 Breuer			9 26.8 48°.86	2°.5/24.3 18		
8 19	0 36.98	− 2 27.9	1.857	2.698	14.4	18.9
8 29	0 33.48	− 3 15.5	1.795	2.711	11.1	18.7
9 8	0 27.97	− 4 11.8	1.756	2.723	7.4	18.5
9 18	0 21.00	− 5 11.4	1.741	2.736	3.7	18.3
9 28	0 13.40	− 6 7.7	1.754	2.749	3.0	18.3
10 8	0 6.08	− 6 54.3	1.794	2.763	6.3	18.6
10 18	23 59.89	− 7 26.6	1.860	2.776	9.9	18.8
10 28	23 55.49	− 7 41.9	1.949	2.790	13.0	19.0
328722 2009 TF_{26}			9 26.8 23°.93	5°.0/24.0 16		
8 19	0 40.06	− 6 55.9	0.956	1.842	21.3	19.5
8 29	0 37.37	− 7 19.9	0.918	1.856	16.5	19.2
9 8	0 31.27	− 7 50.2	0.896	1.872	11.2	19.0
9 18	0 22.70	− 8 18.3	0.894	1.889	6.3	18.8
9 28	0 13.19	− 8 34.8	0.914	1.908	5.6	18.9
10 8	0 4.46	− 8 32.8	0.957	1.929	9.8	19.2
10 18	23 57.87	− 8 9.5	1.020	1.950	14.5	19.5
10 28	23 54.31	− 7 25.4	1.103	1.974	18.6	19.8
298274 2002 XY_{23}			9 26.8 344°.32	0°.7/26.4 18		
8 19	0 40.52	− 0 8.9	1.510	2.352	17.1	19.4
8 29	0 37.00	+ 0 2.2	1.430	2.343	13.5	19.1
9 8	0 30.84	+ 0 3.6	1.370	2.335	9.2	18.8
9 18	0 22.57	− 0 1.9	1.332	2.328	4.4	18.5
9 28	0 13.18	− 0 9.9	1.321	2.322	1.1	18.3
10 8	0 3.93	− 0 15.0	1.335	2.317	6.0	18.6
10 18	23 56.02	− 0 12.9	1.374	2.312	10.8	18.9
10 28	23 50.43	+ 0 0.3	1.436	2.309	15.0	19.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
19684 1999 RL_{196}			9 26.8 249°.42	3°.2/30.3 18		
	h m	° ′			°	m
8 19	0 38.38	+12 56.7	2.352	3.119	14.0	18.0
8 29	0 34.41	+13 8.5	2.255	3.113	11.6	17.8
9 8	0 28.60	+13 5.5	2.179	3.106	8.7	17.6
9 18	0 21.36	+12 47.6	2.127	3.100	5.6	17.4
9 28	0 13.35	+12 16.7	2.102	3.093	3.3	17.3
10 8	0 5.37	+11 36.4	2.106	3.086	4.3	17.3
10 18	23 58.22	+10 51.6	2.137	3.079	7.3	17.5
10 28	23 52.60	+10 7.8	2.196	3.072	10.3	17.7
378222 2007 BW_{18}			9 26.8 186°.62	4°.3/22.9 17		
8 19	0 41.18	− 6 25.9	1.705	2.551	15.3	20.6
8 29	0 37.09	− 7 24.0	1.634	2.551	11.9	20.4
9 8	0 30.63	− 8 29.3	1.585	2.551	8.1	20.2
9 18	0 22.36	− 9 34.9	1.560	2.550	4.9	20.0
9 28	0 13.22	−10 32.7	1.562	2.549	4.9	20.0
10 8	0 4.31	−11 15.4	1.591	2.548	8.2	20.2
10 18	23 56.67	−11 38.3	1.645	2.547	11.9	20.4
10 28	23 51.12	−11 39.6	1.722	2.545	15.3	20.7
211825 2004 ET_{26}			9 26.8 92°.88	0°.3/27.2 18		
8 19	0 39.46	+ 5 3.6	2.101	2.908	14.2	21.3
8 29	0 35.16	+ 4 41.4	2.033	2.925	11.2	21.2
9 8	0 28.99	+ 4 6.8	1.987	2.942	7.6	21.0
9 18	0 21.47	+ 3 22.7	1.967	2.959	3.7	20.8
9 28	0 13.36	+ 2 33.5	1.974	2.976	0.5	20.5
10 8	0 5.52	+ 1 44.9	2.010	2.993	4.3	20.9
10 18	23 58.73	+ 1 1.8	2.075	3.009	8.0	21.1
10 28	23 53.61	+ 0 28.7	2.164	3.025	11.1	21.4
65042 2002 AF_{135}			9 26.8 179°.86	0°.8/25.9 18		
8 19	0 36.93	+ 1 47.6	2.225	3.045	13.1	20.0
8 29	0 33.23	+ 1 12.1	2.143	3.045	10.2	19.8
9 8	0 27.74	+ 0 26.0	2.084	3.045	6.9	19.6
9 18	0 20.91	− 0 27.2	2.050	3.045	3.2	19.4
9 28	0 13.43	− 1 22.7	2.044	3.045	1.2	19.2
10 8	0 6.08	− 2 14.7	2.068	3.045	4.8	19.5
10 18	23 59.63	− 2 58.4	2.119	3.045	8.3	19.7
10 28	23 54.70	− 3 29.8	2.195	3.044	11.4	19.9
267094 1999 XJ_{131}			9 26.8 263°.59	6°.8/ 5.2 17		
8 19	0 37.74	+24 50.0	2.437	3.130	15.3	20.5
8 29	0 34.04	+25 24.9	2.338	3.125	13.4	20.3
9 8	0 28.42	+25 40.3	2.257	3.120	11.2	20.1
9 18	0 21.31	+25 33.9	2.197	3.114	9.0	20.0
9 28	0 13.37	+25 5.2	2.163	3.109	7.3	19.9
10 8	0 5.43	+24 16.7	2.154	3.104	6.9	19.8
10 18	23 58.34	+23 13.1	2.173	3.098	8.2	19.9
10 28	23 52.83	+22 1.3	2.217	3.093	10.3	20.0
436539 2011 GO_{6}			9 26.8 259°.00	4°.3/23.3 18		
8 19	0 41.89	− 6 40.8	1.644	2.491	15.7	21.1
8 29	0 37.85	− 7 26.2	1.565	2.483	12.3	20.9
9 8	0 31.28	− 8 18.6	1.508	2.475	8.4	20.6
9 18	0 22.74	− 9 11.4	1.475	2.466	5.0	20.4
9 28	0 13.19	− 9 56.8	1.469	2.458	4.9	20.4
10 8	0 3.79	−10 27.6	1.489	2.449	8.3	20.6
10 18	23 55.68	−10 39.2	1.534	2.440	12.3	20.8
10 28	23 49.76	−10 29.7	1.601	2.432	15.9	21.0
404595 2013 PT_{45}			9 26.8 305°.65	2°.5/28.8 18		
8 19	0 36.49	+10 15.3	1.327	2.153	19.9	21.5
8 29	0 34.35	+10 4.3	1.242	2.140	16.3	21.2
9 8	0 29.36	+ 9 28.5	1.174	2.127	11.8	20.9
9 18	0 22.00	+ 8 28.7	1.127	2.115	6.7	20.6
9 28	0 13.27	+ 7 9.8	1.103	2.103	2.5	20.3
10 8	0 4.57	+ 5 41.6	1.105	2.092	5.9	20.5
10 18	23 57.26	+ 4 15.4	1.130	2.080	11.3	20.8
10 28	23 52.48	+ 3 2.2	1.178	2.069	16.2	21.0
81033 2000 EL_{48}			9 26.8 246°.56	0°.8/26.1 18		
8 19	0 37.31	+ 4 19.2	1.615	2.446	16.7	19.4
8 29	0 34.27	+ 3 26.1	1.536	2.443	13.1	19.1
9 8	0 28.85	+ 2 14.7	1.476	2.440	8.9	18.9
9 18	0 21.58	+ 0 49.6	1.441	2.437	4.2	18.6
9 28	0 13.35	− 0 41.2	1.432	2.434	1.2	18.4
10 8	0 5.28	− 2 8.2	1.451	2.430	6.0	18.7
10 18	23 58.42	− 3 22.8	1.495	2.427	10.6	19.0
10 28	23 53.64	− 4 18.5	1.563	2.424	14.6	19.2
308846 2006 RL_{75}			9 26.8 5°.02	0°.7/26.2 18		
8 19	0 39.87	+ 1 5.3	1.844	2.670	15.1	20.9
8 29	0 35.91	+ 0 53.9	1.765	2.670	11.8	20.7
9 8	0 29.76	+ 0 32.0	1.708	2.671	8.0	20.5
9 18	0 21.95	+ 0 2.6	1.676	2.671	3.8	20.2
9 28	0 13.31	− 0 29.3	1.670	2.672	1.1	20.0
10 8	0 4.85	− 0 58.3	1.692	2.672	5.3	20.3
10 18	23 57.52	− 1 19.6	1.741	2.673	9.4	20.6
10 28	23 52.09	− 1 29.3	1.814	2.674	13.0	20.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
448108 2008 MY_4			9 26.8 48°.29	7°.9/21.8 18		
	h m	° ′			°	m
8 19	0 52.91	−21 27.7	1.835	2.661	15.2	19.9
8 29	0 45.53	−21 46.4	1.795	2.688	12.3	19.8
9 8	0 35.81	−21 55.9	1.778	2.715	9.7	19.7
9 18	0 24.60	−21 49.7	1.786	2.742	8.0	19.6
9 28	0 13.00	−21 23.0	1.821	2.769	8.3	19.7
10 8	0 2.19	−20 34.7	1.883	2.797	10.1	19.9
10 18	23 53.11	−19 26.6	1.971	2.825	12.5	20.1
10 28	23 46.39	−18 2.4	2.082	2.852	14.8	20.3
316063 2009 HT_{77}			9 26.8 141°.82	2°.3/24.8 17		
8 19	0 43.12	− 0 49.0	1.701	2.532	16.0	21.5
8 29	0 38.50	− 1 41.5	1.634	2.542	12.4	21.3
9 8	0 31.51	− 2 45.7	1.588	2.552	8.3	21.1
9 18	0 22.76	− 3 55.7	1.567	2.562	4.0	20.9
9 28	0 13.21	− 5 3.9	1.573	2.571	2.8	20.8
10 8	0 3.98	− 6 2.5	1.608	2.579	6.7	21.1
10 18	23 56.08	− 6 45.6	1.669	2.586	10.7	21.4
10 28	23 50.30	− 7 9.9	1.753	2.593	14.3	21.6
68871 2002 JC_{35}			9 26.8 227°.73	2°.2/24.5 18		
8 19	0 39.56	− 1 54.3	2.105	2.932	13.5	19.8
8 29	0 35.48	− 2 40.7	2.016	2.923	10.5	19.6
9 8	0 29.40	− 3 36.6	1.949	2.913	7.0	19.4
9 18	0 21.77	− 4 37.5	1.908	2.903	3.5	19.2
9 28	0 13.34	− 5 37.4	1.896	2.892	2.7	19.1
10 8	0 4.98	− 6 30.0	1.912	2.881	6.0	19.3
10 18	23 57.56	− 7 10.0	1.956	2.869	9.6	19.5
10 28	23 51.82	− 7 34.0	2.024	2.857	12.9	19.7
344049 6865 *P–L*			9 26.8 335°.00	0°.3/26.7 18		
8 19	0 47.14	− 1 11.3	1.403	2.241	18.4	19.8
8 29	0 42.51	− 0 32.9	1.321	2.231	14.7	19.6
9 8	0 34.80	− 0 1.1	1.258	2.222	10.1	19.3
9 18	0 24.57	+ 0 26.0	1.218	2.213	4.9	19.0
9 28	0 12.96	+ 0 51.1	1.203	2.205	0.8	18.7
10 8	0 1.45	+ 1 17.9	1.215	2.198	6.3	19.0
10 18	23 51.51	+ 1 49.1	1.253	2.191	11.5	19.3
10 28	23 44.28	+ 2 27.8	1.313	2.186	16.1	19.6
44393 1998 SJ_{66}			9 26.8 335°.12	2°.6/23.9 18		
8 19	0 35.41	− 3 16.8	2.167	3.004	12.8	18.9
8 29	0 32.11	− 4 5.9	2.088	3.001	9.9	18.7
9 8	0 27.02	− 5 2.9	2.032	2.999	6.6	18.5
9 18	0 20.59	− 6 3.0	2.002	2.996	3.5	18.3
9 28	0 13.50	− 7 0.2	2.001	2.994	3.0	18.3
10 8	0 6.55	− 7 48.9	2.027	2.992	6.0	18.5
10 18	0 0.49	− 8 24.3	2.079	2.990	9.3	18.7
10 28	23 55.97	− 8 43.8	2.156	2.988	12.3	18.9
352219 2007 TZ_{31}			9 26.8 347°.80	11°.3/19.1 18		
8 19	0 44.34	−23 25.4	1.384	2.243	17.5	19.8
8 29	0 40.26	−24 22.6	1.327	2.235	14.8	19.6
9 8	0 33.10	−25 9.2	1.290	2.228	12.4	19.4
9 18	0 23.63	−25 34.6	1.273	2.222	11.3	19.4
9 28	0 13.11	−25 29.4	1.279	2.217	12.1	19.4
10 8	0 3.08	−24 49.3	1.308	2.213	14.3	19.5
10 18	23 54.84	−23 35.6	1.357	2.210	17.1	19.7
10 28	23 49.37	−21 53.3	1.426	2.208	19.9	19.9
394989 2009 BH_{37}			9 26.8 267°.84	0°.9/27.6 18		
8 19	0 39.61	+ 5 36.5	1.889	2.701	15.4	21.8
8 29	0 35.76	+ 5 29.9	1.802	2.695	12.3	21.6
9 8	0 29.72	+ 5 9.4	1.736	2.690	8.6	21.3
9 18	0 21.97	+ 4 37.1	1.694	2.685	4.4	21.1
9 28	0 13.32	+ 3 56.9	1.678	2.680	0.9	20.8
10 8	0 4.77	+ 3 14.6	1.691	2.675	4.7	21.1
10 18	23 57.28	+ 2 35.8	1.731	2.670	8.9	21.3
10 28	23 51.66	+ 2 5.9	1.795	2.664	12.6	21.5
429479 2011 AR_{15}			9 26.8 314°.42	2°.6/24.8 18		
8 19	0 34.26	+ 0 41.1	1.215	2.081	19.0	20.8
8 29	0 32.86	− 0 11.6	1.130	2.058	15.0	20.5
9 8	0 28.52	− 1 24.9	1.063	2.036	10.1	20.1
9 18	0 21.67	− 2 52.9	1.017	2.015	4.9	19.8
9 28	0 13.34	− 4 25.2	0.995	1.994	3.3	19.6
10 8	0 4.95	− 5 49.1	0.997	1.974	8.5	19.9
10 18	23 57.97	− 6 53.3	1.021	1.955	14.1	20.1
10 28	23 53.62	− 7 30.2	1.065	1.937	19.1	20.3
514657 2005 SO_{227}			9 26.8 313°.32	0°.8/26.2 18		
8 19	0 36.37	+ 2 40.8	1.370	2.219	18.2	22.0
8 29	0 34.20	+ 2 16.4	1.281	2.198	14.5	21.7
9 8	0 29.25	+ 1 34.2	1.210	2.178	9.9	21.3
9 18	0 21.97	+ 0 37.9	1.161	2.158	4.7	21.0
9 28	0 13.31	− 0 25.5	1.137	2.138	1.3	20.7
10 8	0 4.61	− 1 26.8	1.137	2.119	6.8	21.0
10 18	23 57.20	− 2 16.9	1.162	2.101	12.2	21.3
10 28	23 52.22	− 2 48.6	1.207	2.084	16.9	21.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
444180 2005 QZ_{120}			9 26.8 314°.25	2°.0/28.7 18		
	h m	° ′			°	m
8 19	0 38.62	+ 8 28.4	2.002	2.800	15.1	21.3
8 29	0 34.88	+ 8 33.8	1.913	2.796	12.2	21.1
9 8	0 29.07	+ 8 24.9	1.845	2.791	8.7	20.9
9 18	0 21.65	+ 8 2.5	1.801	2.787	5.0	20.6
9 28	0 13.38	+ 7 29.6	1.784	2.783	2.0	20.4
10 8	0 5.19	+ 6 50.9	1.794	2.778	4.4	20.6
10 18	23 57.99	+ 6 12.0	1.832	2.774	8.2	20.8
10 28	23 52.55	+ 5 38.4	1.895	2.771	11.8	21.0
288083 2003 VS_9			9 26.8 1°.98	4°.2/24.6 17		
8 19	0 39.61	− 5 59.3	0.974	1.858	21.1	19.5
8 29	0 37.38	− 6 6.2	0.918	1.855	16.6	19.2
9 8	0 31.63	− 6 20.6	0.878	1.854	11.3	19.0
9 18	0 23.09	− 6 35.3	0.858	1.854	6.0	18.7
9 28	0 13.20	− 6 41.8	0.860	1.856	4.7	18.6
10 8	0 3.75	− 6 32.7	0.883	1.860	9.4	18.9
10 18	23 56.36	− 6 4.2	0.927	1.865	14.8	19.2
10 28	23 52.13	− 5 15.7	0.990	1.871	19.4	19.5
476785 2008 UZ_{141}			9 26.8 358°.57	4°.7/23.6 18		
8 19	0 38.75	− 7 4.6	1.264	2.134	18.1	20.7
8 29	0 35.97	− 7 35.6	1.201	2.130	14.2	20.4
9 8	0 30.28	− 8 13.0	1.156	2.128	9.7	20.2
9 18	0 22.34	− 8 49.5	1.134	2.127	5.7	20.0
9 28	0 13.30	− 9 16.6	1.135	2.127	5.3	20.0
10 8	0 4.59	− 9 26.9	1.161	2.128	9.1	20.2
10 18	23 57.49	− 9 16.4	1.209	2.130	13.6	20.4
10 28	23 52.98	− 8 44.2	1.277	2.133	17.6	20.7
375264 2008 GR_{139}			9 26.8 291°.77	2°.6/24.9 18		
8 19	0 42.42	− 2 48.3	1.467	2.314	17.3	21.0
8 29	0 38.63	− 3 10.0	1.387	2.304	13.6	20.7
9 8	0 32.04	− 3 41.7	1.326	2.294	9.2	20.4
9 18	0 23.22	− 4 18.5	1.288	2.284	4.6	20.1
9 28	0 13.19	− 4 53.3	1.276	2.274	3.1	20.0
10 8	0 3.28	− 5 18.8	1.290	2.265	7.4	20.3
10 18	23 54.77	− 5 29.5	1.329	2.255	12.2	20.5
10 28	23 48.71	− 5 22.2	1.389	2.246	16.4	20.8
492352 2014 HQ_{16}			9 26.8 280°.39	0°.8/26.2 18		
8 19	0 39.33	+ 1 34.4	1.848	2.674	15.1	21.6
8 29	0 35.59	+ 1 14.2	1.761	2.666	11.9	21.4
9 8	0 29.63	+ 0 42.1	1.696	2.659	8.0	21.1
9 18	0 21.95	+ 0 1.5	1.656	2.651	3.8	20.9
9 28	0 13.36	− 0 42.3	1.642	2.643	1.1	20.7
10 8	0 4.86	− 1 23.2	1.656	2.636	5.4	20.9
10 18	23 57.44	− 1 55.7	1.697	2.628	9.6	21.2
10 28	23 51.91	− 2 15.3	1.761	2.620	13.3	21.4
187459 2005 XO_{28}			9 26.8 299°.34	5°.5/20.5 18		
8 19	0 36.41	−11 40.8	2.087	2.937	12.7	20.0
8 29	0 33.02	−12 52.7	2.014	2.931	10.0	19.8
9 8	0 27.72	−14 7.3	1.964	2.924	7.3	19.6
9 18	0 20.96	−15 17.7	1.940	2.918	5.6	19.5
9 28	0 13.50	−16 16.6	1.944	2.912	6.2	19.5
10 8	0 6.18	−16 58.1	1.973	2.906	8.6	19.7
10 18	23 59.82	−17 18.8	2.028	2.900	11.4	19.9
10 28	23 55.11	−17 17.5	2.105	2.894	14.1	20.0
255285 2005 VF_{78}			9 26.9 9°.77	4°.3/ 1.4 18		
8 19	0 36.57	+15 49.1	2.036	2.803	15.9	20.0
8 29	0 33.28	+16 0.2	1.950	2.803	13.3	19.9
9 8	0 27.98	+15 52.3	1.883	2.804	10.2	19.7
9 18	0 21.13	+15 25.0	1.839	2.805	7.0	19.5
9 28	0 13.48	+14 40.4	1.821	2.807	4.5	19.3
10 8	0 5.93	+13 43.2	1.829	2.808	5.1	19.4
10 18	23 59.37	+12 39.7	1.865	2.810	7.9	19.6
10 28	23 54.54	+11 37.2	1.927	2.812	11.1	19.8
70280 1999 RA_{111}			9 26.9 223°.47	1°.0/27.5 18		
8 19	0 52.67	+ 2 19.7	2.005	2.796	15.3	19.2
8 29	0 45.88	+ 3 1.9	1.910	2.792	12.3	19.0
9 8	0 36.59	+ 3 37.2	1.837	2.787	8.6	18.7
9 18	0 25.30	+ 4 5.9	1.791	2.782	4.4	18.5
9 28	0 12.94	+ 4 29.5	1.775	2.776	1.0	18.2
10 8	0 0.64	+ 4 50.0	1.789	2.771	4.8	18.5
10 18	23 49.55	+ 5 10.1	1.833	2.765	9.0	18.7
10 28	23 40.57	+ 5 32.9	1.904	2.759	12.7	19.0
220775 2004 TA_{137}			9 26.9 359°.22	1°.2/27.9 18		
8 19	0 40.65	+ 5 11.1	2.062	2.867	14.5	20.0
8 29	0 36.34	+ 5 26.9	1.978	2.866	11.6	19.8
9 8	0 29.98	+ 5 31.7	1.914	2.866	8.1	19.6
9 18	0 22.07	+ 5 26.8	1.876	2.866	4.3	19.3
9 28	0 13.36	+ 5 14.8	1.865	2.866	1.2	19.1
10 8	0 4.78	+ 4 59.5	1.882	2.866	4.3	19.3
10 18	23 57.19	+ 4 45.2	1.927	2.866	8.1	19.6
10 28	23 51.36	+ 4 36.0	1.998	2.867	11.5	19.8

112670 2002 PT_{93} 9 26.9 41°.43 1°.4/25.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 42.06	+ 0 47.6	1.076	1.937	21.2	19.8
8 29	0 38.58	+ 0 28.4	1.035	1.959	16.5	19.6
9 8	0 31.94	− 0 6.3	1.011	1.981	11.0	19.4
9 18	0 23.03	− 0 50.4	1.008	2.005	5.1	19.2
9 28	0 13.27	− 1 35.3	1.028	2.029	1.9	19.0
10 8	0 4.23	− 2 12.0	1.072	2.054	7.2	19.4
10 18	23 57.20	− 2 34.1	1.140	2.079	12.4	19.8
10 28	23 53.03	− 2 37.8	1.228	2.105	16.7	20.2

195516 2002 HR_{15} 9 26.9 117°.15 0°.3/27.1 18

8 19	0 38.20	+ 6 23.7	1.913	2.723	15.3	20.7
8 29	0 34.47	+ 5 41.3	1.839	2.733	12.0	20.5
9 8	0 28.71	+ 4 42.9	1.787	2.743	8.2	20.3
9 18	0 21.44	+ 3 32.1	1.759	2.752	4.0	20.1
9 28	0 13.46	+ 2 14.8	1.759	2.761	0.5	19.8
10 8	0 5.71	+ 0 58.4	1.787	2.770	4.7	20.2
10 18	23 59.05	− 0 10.1	1.843	2.778	8.7	20.4
10 28	23 54.19	− 1 5.1	1.924	2.786	12.2	20.7

480306 2015 HL_{172} 9 26.9 165°.58 0°.8/27.6 16

8 19	0 46.54	+ 4 42.8	2.094	2.887	14.7	22.2
8 29	0 40.84	+ 4 47.5	2.010	2.893	11.7	22.0
9 8	0 32.99	+ 4 41.0	1.948	2.898	8.1	21.8
9 18	0 23.50	+ 4 25.1	1.911	2.902	4.1	21.6
9 28	0 13.20	+ 4 2.7	1.904	2.905	0.8	21.4
10 8	0 3.08	+ 3 38.4	1.926	2.908	4.5	21.6
10 18	23 54.06	+ 3 16.5	1.977	2.910	8.3	21.9
10 28	23 46.93	+ 3 1.2	2.054	2.912	11.8	22.1

482672 2013 CQ_{24} 9 26.9 350°.87 24°.0/28.7 17

8 19	0 59.20	+28 51.2	1.114	1.832	28.9	19.6
8 29	0 55.55	+34 14.2	1.039	1.813	27.3	19.4
9 8	0 46.64	+39 30.5	0.982	1.798	25.7	19.2
9 18	0 31.88	+44 17.1	0.945	1.785	24.5	19.1
9 28	0 11.89	+48 7.3	0.927	1.775	24.0	19.0
10 8	23 49.15	+50 42.6	0.927	1.767	24.4	19.0
10 18	23 27.61	+51 59.7	0.944	1.763	25.4	19.1
10 28	23 11.23	+52 13.1	0.974	1.762	26.7	19.2

320046 2007 DB_{117} 9 26.9 88°.65 4°.7/22.2 18

8 19	0 43.79	−13 20.1	2.335	3.166	12.2	20.1
8 29	0 38.27	−13 48.3	2.276	3.181	9.6	19.9
9 8	0 30.96	−14 15.3	2.241	3.196	6.9	19.8
9 18	0 22.40	−14 36.1	2.233	3.210	5.0	19.7
9 28	0 13.36	−14 46.2	2.252	3.225	5.2	19.7
10 8	0 4.65	−14 42.4	2.301	3.239	7.2	19.9
10 18	23 57.02	−14 23.4	2.376	3.253	9.8	20.1
10 28	23 51.05	−13 49.6	2.476	3.267	12.1	20.3

382416 1998 KU_{11} 9 26.9 135°.20 6°.6/19.9 18

8 19	0 39.65	−13 20.2	1.852	2.704	14.0	20.7
8 29	0 35.70	−14 45.5	1.793	2.708	11.1	20.5
9 8	0 29.59	−16 11.8	1.756	2.713	8.3	20.4
9 18	0 21.87	−17 30.8	1.745	2.717	6.7	20.3
9 28	0 13.43	−18 33.9	1.761	2.722	7.4	20.3
10 8	0 5.26	−19 14.9	1.802	2.726	9.9	20.5
10 18	23 58.29	−19 31.0	1.868	2.730	12.7	20.7
10 28	23 53.24	−19 22.2	1.955	2.733	15.4	20.9

388698 2007 VJ_{7} 9 26.9 53°.61 1°.3/25.7 18

8 19	0 39.48	+ 1 37.3	1.528	2.366	17.1	20.7
8 29	0 35.77	+ 0 57.8	1.476	2.388	13.3	20.5
9 8	0 29.68	+ 0 4.8	1.444	2.410	8.8	20.3
9 18	0 21.90	− 0 56.2	1.437	2.433	4.1	20.1
9 28	0 13.45	− 1 57.7	1.455	2.455	1.7	20.0
10 8	0 5.44	− 2 52.1	1.500	2.478	6.0	20.3
10 18	23 58.86	− 3 33.3	1.571	2.501	10.3	20.6
10 28	23 54.43	− 3 57.4	1.664	2.525	13.9	20.9

211112 2002 FX_{31} 9 26.9 49°.67 2°.6/25.3 17 R

8 19	0 46.52	− 3 13.0	1.147	2.004	20.4	19.4
8 29	0 42.01	− 3 20.6	1.099	2.021	15.9	19.2
9 8	0 34.28	− 3 37.7	1.069	2.038	10.6	19.0
9 18	0 24.19	− 3 58.5	1.060	2.056	5.2	18.7
9 28	0 13.17	− 4 15.8	1.076	2.075	3.1	18.7
10 8	0 2.84	− 4 22.8	1.117	2.094	7.8	19.0
10 18	23 54.56	− 4 15.4	1.181	2.113	12.8	19.3
10 28	23 49.23	− 3 51.7	1.266	2.133	17.0	19.7

366017 2012 BW_{129} 9 26.9 177°.53 7°.9/14.2 18

8 19	0 36.92	−24 8.2	2.646	3.481	10.8	21.0
8 29	0 33.08	−25 56.9	2.594	3.482	9.2	20.9
9 8	0 27.59	−27 39.7	2.568	3.483	8.1	20.8
9 18	0 20.88	−29 9.5	2.569	3.483	8.0	20.8
9 28	0 13.58	−30 19.8	2.596	3.484	8.9	20.9
10 8	0 6.42	−31 6.6	2.648	3.484	10.3	21.0
10 18	0 0.10	−31 28.5	2.722	3.483	12.0	21.1
10 28	23 55.21	−31 26.3	2.817	3.483	13.5	21.2

16106 Carmagnola 9 26.9 236°.46 3°.4/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 40.39	− 3 5.3	1.559	2.406	16.4	17.8
8 29	0 36.79	− 3 59.4	1.484	2.402	12.8	17.5
9 8	0 30.64	− 5 4.8	1.430	2.399	8.6	17.3
9 18	0 22.51	− 6 15.0	1.400	2.395	4.5	17.0
9 28	0 13.37	− 7 21.5	1.396	2.390	3.9	17.0
10 8	0 4.42	− 8 15.6	1.419	2.386	7.8	17.2
10 18	23 56.79	− 8 51.1	1.466	2.382	12.1	17.4
10 28	23 51.39	− 9 4.7	1.535	2.377	15.9	17.7

132499 2002 JO_{34} 9 26.9 194°.68 0°.2/26.7 18

8 19	0 38.31	+ 4 36.3	1.989	2.803	14.6	20.4
8 29	0 34.59	+ 3 58.4	1.905	2.802	11.5	20.1
9 8	0 28.85	+ 3 6.1	1.843	2.801	7.9	19.9
9 18	0 21.57	+ 2 2.9	1.805	2.799	3.8	19.7
9 28	0 13.50	+ 0 54.2	1.795	2.797	0.6	19.4
10 8	0 5.57	− 0 13.2	1.814	2.795	4.9	19.7
10 18	23 58.63	− 1 12.7	1.860	2.792	8.9	20.0
10 28	23 53.44	− 1 59.1	1.932	2.789	12.4	20.2

204706 2006 FC_{47} 9 26.9 64°.67 3°.8/23.8 18

8 19	0 39.74	− 2 19.3	1.274	2.133	18.6	19.8
8 29	0 36.66	− 3 27.9	1.214	2.139	14.4	19.6
9 8	0 30.70	− 4 50.6	1.174	2.145	9.7	19.3
9 18	0 22.55	− 6 18.8	1.157	2.152	5.1	19.1
9 28	0 13.39	− 7 41.4	1.164	2.158	4.5	19.1
10 8	0 4.60	− 8 47.6	1.196	2.165	8.8	19.4
10 18	23 57.45	− 9 30.4	1.252	2.171	13.4	19.6
10 28	23 52.86	− 9 46.8	1.328	2.178	17.4	19.9

230333 2002 CD_{124} 9 26.9 166°.95 0°.5/26.3 16

8 19	0 39.67	+ 3 28.5	2.303	3.109	13.1	22.0
8 29	0 35.29	+ 2 45.0	2.221	3.114	10.3	21.9
9 8	0 29.13	+ 1 49.7	2.162	3.119	6.9	21.7
9 18	0 21.64	+ 0 45.9	2.129	3.123	3.2	21.4
9 28	0 13.51	− 0 21.1	2.125	3.126	0.9	21.3
10 8	0 5.54	− 1 25.5	2.151	3.129	4.5	21.5
10 18	23 58.47	− 2 21.9	2.206	3.131	8.1	21.8
10 28	23 52.95	− 3 5.9	2.286	3.132	11.2	22.0

29152 1988 RA_{13} 9 26.9 65°.42 0°.7/27.4 18

8 19	0 40.23	+ 7 36.7	1.189	2.026	21.1	17.9
8 29	0 37.12	+ 6 58.5	1.135	2.043	16.7	17.7
9 8	0 31.01	+ 5 56.1	1.099	2.060	11.5	17.5
9 18	0 22.68	+ 4 34.4	1.083	2.077	5.7	17.2
9 28	0 13.39	+ 3 2.8	1.093	2.094	0.8	16.9
10 8	0 4.61	+ 1 33.1	1.127	2.112	6.2	17.4
10 18	23 57.63	+ 0 16.0	1.185	2.129	11.5	17.7
10 28	23 53.32	− 0 40.8	1.265	2.147	16.0	18.0

387621 2002 GD_{179} 9 26.9 250°.69 4°.3/22.9 18

8 19	0 41.45	− 7 46.4	1.874	2.716	14.3	21.2
8 29	0 37.25	− 8 34.3	1.791	2.705	11.2	21.0
9 8	0 30.78	− 9 27.7	1.730	2.695	7.8	20.8
9 18	0 22.55	−10 20.7	1.695	2.683	4.8	20.6
9 28	0 13.39	−11 5.9	1.686	2.672	4.9	20.6
10 8	0 4.35	−11 37.1	1.705	2.660	7.9	20.7
10 18	23 56.42	−11 50.1	1.750	2.648	11.5	20.9
10 28	23 50.42	−11 43.0	1.817	2.636	14.8	21.1

68492 2001 UH_{4} 9 26.9 351°.39 0°.1/26.9 18

8 19	0 35.88	+ 4 29.3	1.751	2.578	15.8	19.5
8 29	0 32.99	+ 4 5.0	1.671	2.575	12.5	19.3
9 8	0 27.93	+ 3 25.7	1.611	2.572	8.5	19.1
9 18	0 21.18	+ 2 34.6	1.576	2.570	4.1	18.8
9 28	0 13.57	+ 1 37.3	1.566	2.568	0.5	18.5
10 8	0 6.11	+ 0 40.6	1.584	2.567	5.1	18.9
10 18	23 59.75	− 0 8.8	1.628	2.566	9.4	19.1
10 28	23 55.27	− 0 45.2	1.696	2.566	13.2	19.4

445457 2010 VA_{16} 9 26.9 346°.16 0°.7/27.5 18

8 19	0 40.19	+ 4 1.6	1.972	2.785	14.8	21.1
8 29	0 36.10	+ 4 8.9	1.887	2.782	11.7	20.9
9 8	0 29.92	+ 4 5.1	1.824	2.780	8.1	20.7
9 18	0 22.11	+ 3 52.0	1.785	2.777	4.1	20.4
9 28	0 13.47	+ 3 32.8	1.774	2.776	0.7	20.2
10 8	0 4.95	+ 3 12.1	1.791	2.774	4.5	20.5
10 18	23 57.47	+ 2 54.2	1.835	2.773	8.5	20.7
10 28	23 51.79	+ 2 43.5	1.903	2.772	12.1	20.9

445219 2009 FQ_{9} 9 26.9 138°.56 0°.6/26.2 18

8 19	0 36.70	+ 3 54.8	2.076	2.893	14.0	22.0
8 29	0 33.20	+ 3 4.6	1.998	2.898	10.9	21.8
9 8	0 27.83	+ 2 0.8	1.942	2.902	7.4	21.6
9 18	0 21.06	+ 0 47.3	1.911	2.906	3.4	21.4
9 28	0 13.61	− 0 29.9	1.908	2.910	1.0	21.2
10 8	0 6.34	− 1 43.8	1.935	2.913	4.9	21.5
10 18	0 0.02	− 2 48.3	1.988	2.917	8.6	21.7
10 28	23 55.33	− 3 38.5	2.067	2.920	11.9	21.9

407816 2012 AR_9 9 26.9 146°.12 0°.3/27.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 36.39	+ 5 26.8	2.547	3.347	12.2	21.7
8 29	0 32.58	+ 4 55.3	2.464	3.352	9.6	21.5
9 8	0 27.22	+ 4 12.4	2.404	3.358	6.6	21.3
9 18	0 20.72	+ 3 20.7	2.371	3.363	3.2	21.1
9 28	0 13.66	+ 2 24.3	2.366	3.368	0.4	20.9
10 8	0 6.74	+ 1 28.0	2.391	3.373	3.8	21.2
10 18	0 0.60	+ 0 36.5	2.445	3.377	7.0	21.4
10 28	23 55.80	− 0 6.1	2.525	3.381	9.9	21.6

396051 2013 CL_{41} 9 26.9 293°.17 1°.7/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 36.69	+ 0 27.4	1.887	2.720	14.6	21.1
8 29	0 33.47	− 0 19.3	1.804	2.715	11.3	20.9
9 8	0 28.17	− 1 18.3	1.744	2.710	7.6	20.6
9 18	0 21.29	− 2 25.0	1.709	2.704	3.6	20.4
9 28	0 13.58	− 3 32.7	1.700	2.699	2.1	20.3
10 8	0 6.00	− 4 34.2	1.720	2.694	5.9	20.5
10 18	23 59.44	− 5 23.6	1.766	2.689	9.8	20.7
10 28	23 54.66	− 5 56.3	1.836	2.685	13.3	20.9

156120 2001 SQ_{302} 9 26.9 275°.80 0°.9/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 39.47	+ 6 9.1	1.655	2.474	16.9	20.7
8 29	0 36.13	+ 5 55.1	1.562	2.460	13.6	20.4
9 8	0 30.30	+ 5 24.0	1.489	2.446	9.5	20.1
9 18	0 22.44	+ 4 37.9	1.440	2.432	4.9	19.8
9 28	0 13.43	+ 3 41.6	1.416	2.418	0.9	19.5
10 8	0 4.42	+ 2 42.2	1.419	2.403	5.3	19.8
10 18	23 56.55	+ 1 47.6	1.448	2.389	10.1	20.0
10 28	23 50.81	+ 1 4.6	1.501	2.375	14.4	20.3

93190 2000 SN_{111} 9 26.9 95°.75 2°.4/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 44.46	− 3 30.0	1.711	2.545	15.8	19.5
8 29	0 39.56	− 3 48.2	1.644	2.554	12.3	19.3
9 8	0 32.28	− 4 13.7	1.598	2.563	8.2	19.0
9 18	0 23.21	− 4 41.8	1.577	2.572	4.1	18.8
9 28	0 13.35	− 5 6.9	1.583	2.580	2.8	18.7
10 8	0 3.82	− 5 23.4	1.617	2.589	6.5	19.0
10 18	23 55.65	− 5 27.6	1.677	2.597	10.5	19.3
10 28	23 49.62	− 5 17.3	1.760	2.606	14.0	19.5

219922 2002 GH_{66} 9 26.9 36°.63 0°.6/27.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 33.95	+ 7 41.8	1.772	2.591	16.0	19.2
8 29	0 31.28	+ 6 54.1	1.710	2.608	12.6	19.0
9 8	0 26.60	+ 5 48.5	1.669	2.626	8.6	18.8
9 18	0 20.47	+ 4 29.3	1.652	2.645	4.3	18.6
9 28	0 13.70	+ 3 3.2	1.662	2.664	0.6	18.3
10 8	0 7.23	+ 1 38.5	1.699	2.683	4.7	18.7
10 18	0 1.88	+ 0 22.6	1.764	2.703	8.7	19.0
10 28	23 58.30	− 0 38.6	1.852	2.724	12.2	19.2

359360 2009 US_{28} 9 26.9 298°.30 0°.9/28.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 29.57	+ 8 17.6	4.324	5.100	7.9	21.6
8 29	0 26.72	+ 7 59.8	4.222	5.092	6.3	21.4
9 8	0 23.00	+ 7 34.4	4.144	5.085	4.5	21.3
9 18	0 18.63	+ 7 2.7	4.093	5.078	2.5	21.2
9 28	0 13.94	+ 6 26.5	4.071	5.071	0.9	21.0
10 8	0 9.29	+ 5 48.2	4.080	5.064	2.2	21.1
10 18	0 5.01	+ 5 10.2	4.119	5.057	4.2	21.3
10 28	0 1.45	+ 4 35.2	4.186	5.049	6.1	21.4

244227 2002 BD_{18} 9 26.9 303°.08 0°.8/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 39.84	+ 0 18.0	1.918	2.745	14.6	19.9
8 29	0 36.06	+ 0 11.2	1.820	2.725	11.5	19.7
9 8	0 30.07	− 0 5.1	1.743	2.705	7.9	19.4
9 18	0 22.28	− 0 28.2	1.690	2.686	3.7	19.1
9 28	0 13.46	− 0 53.8	1.665	2.666	1.2	18.9
10 8	0 4.63	− 1 16.7	1.668	2.647	5.4	19.2
10 18	23 56.75	− 1 32.2	1.697	2.628	9.6	19.4
10 28	23 50.73	− 1 36.2	1.750	2.609	13.4	19.6

359337 2009 QL_{43} 9 26.9 38°.27 0°.6/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 38.23	+ 1 42.9	1.788	2.618	15.4	20.4
8 29	0 34.56	+ 1 25.2	1.727	2.634	12.0	20.2
9 8	0 28.79	+ 0 56.2	1.688	2.651	8.0	20.0
9 18	0 21.51	+ 0 19.7	1.672	2.668	3.7	19.8
9 28	0 13.58	− 0 19.1	1.684	2.685	1.0	19.6
10 8	0 5.98	− 0 54.4	1.723	2.704	5.1	20.0
10 18	23 59.56	− 1 21.3	1.788	2.722	9.1	20.2
10 28	23 55.01	− 1 36.2	1.878	2.741	12.5	20.5

324354 2006 QJ_{57} 9 26.9 10°.34 5°.5/30.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 38.15	+13 12.7	1.152	1.976	22.5	19.8
8 29	0 35.97	+13 54.6	1.086	1.977	18.7	19.5
9 8	0 30.62	+14 11.0	1.036	1.979	14.2	19.3
9 18	0 22.69	+14 0.1	1.004	1.982	9.4	19.0
9 28	0 13.42	+13 23.7	0.995	1.987	5.8	18.8
10 8	0 4.39	+12 29.1	1.008	1.992	7.0	18.9
10 18	23 57.08	+11 26.8	1.044	1.998	11.4	19.2
10 28	23 52.65	+10 28.0	1.101	2.005	15.9	19.5

139418 2001 OM_{20} 9 26.9 62°.23 6°.6/ 4.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 39.65	+23 1.7	1.818	2.547	18.8	20.3
8 29	0 35.80	+23 14.5	1.757	2.574	16.0	20.1
9 8	0 29.69	+23 1.3	1.712	2.602	12.9	20.0
9 18	0 21.96	+22 21.0	1.689	2.629	9.7	19.9
9 28	0 13.54	+21 15.8	1.690	2.657	7.2	19.8
10 8	0 5.48	+19 52.0	1.717	2.684	6.8	19.8
10 18	23 58.74	+18 18.0	1.771	2.711	8.7	20.0
10 28	23 54.03	+16 43.6	1.851	2.738	11.4	20.2

479891 2014 HL_{24} 9 26.9 0°.56 3°.2/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 44.64	− 6 31.6	1.762	2.600	15.3	21.0
8 29	0 39.75	− 6 42.0	1.688	2.599	11.9	20.8
9 8	0 32.46	− 6 56.5	1.635	2.599	8.1	20.6
9 18	0 23.34	− 7 10.5	1.607	2.599	4.4	20.4
9 28	0 13.36	− 7 18.7	1.605	2.599	3.6	20.3
10 8	0 3.62	− 7 16.5	1.632	2.600	6.9	20.6
10 18	23 55.18	− 7 1.0	1.685	2.600	10.8	20.8
10 28	23 48.86	− 6 31.1	1.761	2.601	14.3	21.0

163135 2002 CT_{22} 9 26.9 242°.21 0°.7/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 30.91	+ 6 52.3	4.445	5.224	7.7	20.0
8 29	0 27.70	+ 6 43.2	4.348	5.222	6.1	19.9
9 8	0 23.63	+ 6 27.7	4.276	5.219	4.3	19.7
9 18	0 18.93	+ 6 6.7	4.230	5.217	2.3	19.6
9 28	0 13.92	+ 5 42.0	4.215	5.215	0.7	19.4
10 8	0 8.96	+ 5 15.7	4.229	5.213	2.2	19.6
10 18	0 4.37	+ 4 49.8	4.274	5.210	4.1	19.7
10 28	0 0.49	+ 4 26.7	4.347	5.208	6.0	19.8

55769 1992 HJ_5 9 26.9 140°.51 1°.3/25.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 42.20	+ 0 41.5	1.890	2.711	15.0	19.4
8 29	0 37.62	+ 0 7.7	1.818	2.720	11.7	19.2
9 8	0 30.89	− 0 37.1	1.767	2.729	7.8	19.0
9 18	0 22.55	− 1 28.8	1.742	2.737	3.7	18.7
9 28	0 13.47	− 2 21.4	1.745	2.745	1.7	18.6
10 8	0 4.63	− 3 8.6	1.776	2.752	5.5	18.9
10 18	23 56.98	− 3 45.1	1.834	2.759	9.5	19.1
10 28	23 51.23	− 4 7.3	1.917	2.765	12.9	19.4

356242 2009 SU_{354} 9 26.9 243°.04 0°.5/25.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 29.57	+ 0 50.1	4.523	5.329	7.2	21.8
8 29	0 26.66	+ 0 22.5	4.430	5.325	5.5	21.7
9 8	0 22.92	− 0 9.9	4.363	5.321	3.7	21.6
9 18	0 18.59	− 0 45.4	4.323	5.317	1.7	21.4
9 28	0 13.97	− 1 21.6	4.313	5.314	0.7	21.3
10 8	0 9.39	− 1 56.4	4.334	5.310	2.6	21.5
10 18	0 5.18	− 2 27.5	4.384	5.306	4.5	21.6
10 28	0 1.65	− 2 53.0	4.462	5.302	6.3	21.8

67792 2000 UD_{102} 9 26.9 39°.31 3°.2/29.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 41.73	+ 9 8.0	1.176	2.007	21.7	18.2
8 29	0 38.51	+ 9 30.1	1.117	2.017	17.5	18.0
9 8	0 32.14	+ 9 30.0	1.074	2.028	12.7	17.7
9 18	0 23.34	+ 9 8.3	1.052	2.039	7.3	17.5
9 28	0 13.37	+ 8 29.3	1.053	2.051	3.2	17.3
10 8	0 3.82	+ 7 41.1	1.078	2.064	6.2	17.5
10 18	23 56.09	+ 6 53.0	1.126	2.077	11.2	17.8
10 28	23 51.20	+ 6 13.8	1.196	2.090	15.7	18.1

273301 2006 SG_{112} 9 26.9 330°.53 2°.3/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 36.62	+ 7 6.9	1.167	2.013	20.9	20.5
8 29	0 34.89	+ 7 25.6	1.086	1.998	17.0	20.2
9 8	0 30.04	+ 7 24.2	1.022	1.983	12.2	19.9
9 18	0 22.53	+ 7 2.7	0.977	1.969	6.8	19.5
9 28	0 13.45	+ 6 25.1	0.955	1.956	2.4	19.2
10 8	0 4.35	+ 5 39.3	0.956	1.944	6.4	19.4
10 18	23 56.79	+ 4 54.5	0.980	1.933	12.1	19.7
10 28	23 52.04	+ 4 20.2	1.024	1.923	17.3	20.0

490415 2009 SU_{35} 9 26.9 324°.19 0°.2/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 32.01	+ 1 41.2	3.910	4.713	8.2	21.0
8 29	0 28.68	+ 1 30.0	3.815	4.707	6.4	20.9
9 8	0 24.36	+ 1 13.5	3.744	4.700	4.3	20.7
9 18	0 19.31	+ 0 53.3	3.701	4.694	2.0	20.5
9 28	0 13.90	+ 0 31.4	3.687	4.688	0.4	20.4
10 8	0 8.53	+ 0 10.2	3.703	4.683	2.7	20.6
10 18	0 3.60	− 0 8.0	3.749	4.677	5.0	20.7
10 28	23 59.49	− 0 21.1	3.823	4.671	7.0	20.9

478846 2012 VM_{53} 9 26.9 219°.98 4°.7/ 2.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 37.54	+18 49.4	2.058	2.805	16.3	22.0
8 29	0 34.14	+18 42.0	1.962	2.800	13.8	21.8
9 8	0 28.67	+18 12.1	1.885	2.795	10.8	21.6
9 18	0 21.57	+17 19.2	1.830	2.790	7.6	21.4
9 28	0 13.61	+16 5.4	1.802	2.784	5.0	21.2
10 8	0 5.71	+14 36.4	1.801	2.778	5.3	21.2
10 18	23 58.79	+13 0.0	1.828	2.772	8.1	21.4
10 28	23 53.64	+11 25.1	1.881	2.766	11.4	21.6

248207 2005 ED_{75} 9 26.9 52°.74 1°.3/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 44.58	+ 4 39.9	1.696	2.508	16.8	20.1
8 29	0 39.74	+ 5 3.2	1.627	2.520	13.4	19.9
9 8	0 32.46	+ 5 14.1	1.579	2.532	9.3	19.7
9 18	0 23.35	+ 5 14.1	1.554	2.544	4.9	19.5
9 28	0 13.39	+ 5 6.1	1.556	2.557	1.3	19.3
10 8	0 3.74	+ 4 54.5	1.585	2.569	4.9	19.6
10 18	23 55.45	+ 4 44.1	1.642	2.582	9.2	19.8
10 28	23 49.33	+ 4 39.5	1.723	2.595	12.9	20.1

487424 2014 QS_{422} 9 26.9 307°.14 1°.3/28.2 18

8 19	0 38.96	+ 6 18.5	2.247	3.046	13.7	21.7
8 29	0 34.95	+ 6 26.7	2.154	3.038	10.9	21.5
9 8	0 29.07	+ 6 23.5	2.081	3.030	7.7	21.3
9 18	0 21.72	+ 6 10.2	2.034	3.023	4.2	21.0
9 28	0 13.59	+ 5 49.3	2.015	3.015	1.3	20.8
10 8	0 5.51	+ 5 24.8	2.024	3.008	4.1	21.0
10 18	23 58.28	+ 5 0.8	2.061	3.000	7.7	21.2
10 28	23 52.63	+ 4 41.9	2.124	2.993	10.9	21.4

156641 2002 JN_{29} 9 26.9 108°.55 1°.5/28.8 18

8 19	0 35.22	+10 9.9	2.360	3.147	13.4	20.0
8 29	0 31.86	+ 9 40.1	2.276	3.152	10.8	19.9
9 8	0 26.85	+ 8 55.0	2.213	3.156	7.7	19.7
9 18	0 20.59	+ 7 56.7	2.175	3.161	4.3	19.5
9 28	0 13.74	+ 6 49.0	2.166	3.165	1.6	19.3
10 8	0 7.02	+ 5 37.6	2.185	3.169	3.7	19.5
10 18	0 1.13	+ 4 28.4	2.233	3.174	7.1	19.7
10 28	23 56.66	+ 3 26.8	2.307	3.178	10.1	19.9

226410 2003 QU_{92} 9 26.9 343°.79 5°.6/19.9 18

8 19	0 33.01	− 9 46.5	1.960	2.818	13.1	19.8
8 29	0 30.54	−11 25.1	1.890	2.813	10.2	19.6
9 8	0 26.16	−13 9.2	1.844	2.809	7.4	19.4
9 18	0 20.32	−14 50.6	1.824	2.804	5.7	19.3
9 28	0 13.77	−16 20.5	1.832	2.800	6.5	19.3
10 8	0 7.36	−17 31.4	1.865	2.797	9.1	19.5
10 18	0 1.90	−18 18.7	1.923	2.794	12.0	19.7
10 28	23 58.08	−18 40.6	2.003	2.791	14.7	19.9

193436 2000 WB_{117} 9 26.9 352°.30 1°.0/27.5 18

8 19	0 32.75	+ 4 0.0	1.069	1.937	20.8	17.9
8 29	0 31.91	+ 4 18.2	0.999	1.925	16.7	17.6
9 8	0 27.97	+ 4 18.5	0.946	1.916	11.7	17.3
9 18	0 21.49	+ 4 2.8	0.913	1.908	6.0	17.0
9 28	0 13.61	+ 3 36.3	0.901	1.902	1.1	16.6
10 8	0 5.88	+ 3 7.0	0.911	1.899	6.5	17.0
10 18	23 59.78	+ 2 43.2	0.943	1.897	12.3	17.3
10 28	23 56.47	+ 2 32.2	0.995	1.898	17.3	17.6

322247 2011 CV_{85} 9 26.9 103°.62 1°.3/25.1 18

8 19	0 34.33	+ 0 32.8	2.702	3.520	11.1	20.6
8 29	0 30.87	− 0 19.3	2.628	3.530	8.5	20.4
9 8	0 26.01	− 1 19.8	2.578	3.541	5.7	20.3
9 18	0 20.14	− 2 25.0	2.555	3.551	2.6	20.1
9 28	0 13.81	− 3 30.2	2.562	3.561	1.6	20.0
10 8	0 7.62	− 4 30.4	2.598	3.570	4.3	20.2
10 18	0 2.16	− 5 21.6	2.663	3.580	7.2	20.4
10 28	23 57.91	− 6 0.6	2.754	3.590	9.8	20.6

342676 2008 VD_{36} 9 26.9 278°.83 1°.3/28.2 18

8 19	0 36.34	+ 8 58.7	1.792	2.600	16.2	20.9
8 29	0 33.48	+ 8 25.3	1.696	2.587	13.1	20.7
9 8	0 28.39	+ 7 31.9	1.621	2.573	9.3	20.4
9 18	0 21.50	+ 6 20.6	1.569	2.559	5.0	20.1
9 28	0 13.62	+ 4 56.6	1.544	2.545	1.3	19.8
10 8	0 5.76	+ 3 28.0	1.547	2.531	4.9	20.1
10 18	23 58.91	+ 2 3.5	1.576	2.518	9.4	20.3
10 28	23 53.97	+ 0 51.1	1.630	2.504	13.4	20.5

295122 2008 FS_{16} 9 26.9 353°.75 1°.9/25.4 18

8 19	0 34.22	+ 1 35.2	1.127	1.995	20.0	19.8
8 29	0 32.82	+ 0 52.6	1.061	1.990	15.7	19.5
9 8	0 28.43	− 0 9.6	1.012	1.986	10.5	19.2
9 18	0 21.64	− 1 25.2	0.985	1.983	4.9	18.9
9 28	0 13.61	− 2 43.9	0.981	1.981	2.5	18.7
10 8	0 5.83	− 3 54.0	0.999	1.980	7.8	19.0
10 18	23 59.66	− 4 45.6	1.040	1.980	13.2	19.3
10 28	23 56.15	− 5 12.6	1.101	1.982	17.9	19.6

316113 2009 PV_{16} 9 26.9 58°.33 0°.6/26.2 18

8 19	0 34.79	+ 4 26.3	2.039	2.858	14.1	20.6
8 29	0 31.71	+ 3 29.6	1.968	2.870	11.0	20.4
9 8	0 26.81	+ 2 18.8	1.920	2.881	7.4	20.3
9 18	0 20.59	+ 0 58.3	1.898	2.893	3.4	20.0
9 28	0 13.76	− 0 25.4	1.904	2.905	0.9	19.9
10 8	0 7.14	− 1 45.3	1.938	2.917	4.8	20.2
10 18	0 1.50	− 2 54.8	1.999	2.929	8.5	20.4
10 28	23 57.44	− 3 49.3	2.086	2.941	11.7	20.7

461253 2015 XC_{7} 9 26.9 25°.33 2°.5/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 34.50	+12 26.8	2.136	2.920	14.7	21.0
8 29	0 31.53	+12 7.7	2.053	2.923	12.0	20.8
9 8	0 26.74	+11 30.8	1.990	2.927	8.8	20.6
9 18	0 20.59	+10 37.7	1.951	2.931	5.3	20.4
9 28	0 13.75	+ 9 31.9	1.939	2.935	2.6	20.3
10 8	0 7.06	+ 8 19.3	1.955	2.940	4.1	20.4
10 18	0 1.28	+ 7 6.6	1.999	2.944	7.5	20.6
10 28	23 57.06	+ 6 0.3	2.069	2.949	10.7	20.8

441912 2010 FD_{85} 9 26.9 117°.60 5°.8/20.6 16

8 19	0 42.97	−14 40.5	2.218	3.054	12.6	21.6
8 29	0 37.79	−15 45.4	2.167	3.073	9.9	21.5
9 8	0 30.74	−16 48.6	2.140	3.091	7.4	21.3
9 18	0 22.40	−17 43.9	2.140	3.109	5.9	21.3
9 28	0 13.54	−18 25.0	2.167	3.126	6.4	21.3
10 8	0 5.04	−18 47.7	2.222	3.142	8.5	21.5
10 18	23 57.65	−18 50.5	2.303	3.158	10.9	21.7
10 28	23 51.98	−18 33.6	2.406	3.174	13.1	21.9

404416 2013 GR_{73} 9 26.9 114°.12 4°.2/21.6 18

8 19	0 36.16	− 9 1.0	2.351	3.193	11.8	21.4
8 29	0 32.55	−10 7.8	2.284	3.198	9.1	21.2
9 8	0 27.27	−11 18.1	2.240	3.202	6.4	21.1
9 18	0 20.79	−12 26.2	2.223	3.207	4.4	21.0
9 28	0 13.74	−13 25.9	2.234	3.211	4.8	21.0
10 8	0 6.86	−14 12.1	2.273	3.215	7.1	21.1
10 18	0 0.85	−14 41.4	2.339	3.219	9.7	21.3
10 28	23 56.28	−14 52.4	2.428	3.224	12.2	21.5

483201 2015 PO_{295} 9 26.9 280°.40 2°.6/24.6 18

8 19	0 41.31	− 4 43.0	2.043	2.875	13.7	20.4
8 29	0 36.89	− 5 3.1	1.960	2.870	10.6	20.2
9 8	0 30.42	− 5 28.9	1.900	2.864	7.2	20.0
9 18	0 22.37	− 5 56.3	1.865	2.859	3.7	19.8
9 28	0 13.53	− 6 20.2	1.859	2.854	3.0	19.7
10 8	0 4.84	− 6 35.8	1.880	2.848	6.1	19.9
10 18	23 57.17	− 6 39.8	1.928	2.843	9.7	20.1
10 28	23 51.27	− 6 29.8	2.001	2.838	12.9	20.3

521870 2015 TF_{378} 9 26.9 221°.06 2°.8/23.9 18

8 19	0 39.15	− 5 43.4	2.357	3.188	12.1	21.6
8 29	0 34.89	− 6 13.7	2.277	3.186	9.4	21.4
9 8	0 28.88	− 6 48.6	2.220	3.184	6.3	21.2
9 18	0 21.58	− 7 24.1	2.190	3.182	3.5	21.1
9 28	0 13.64	− 7 55.4	2.188	3.180	3.1	21.0
10 8	0 5.84	− 8 18.2	2.215	3.177	5.8	21.2
10 18	23 58.92	− 8 29.2	2.269	3.175	8.9	21.4
10 28	23 53.50	− 8 26.6	2.348	3.173	11.6	21.6

14775 1139 $T\text{-}_{2}$ 9 26.9 61°.92 0°.0/26.9 18

8 19	0 37.19	+ 5 40.6	1.768	2.589	15.9	18.7
8 29	0 33.79	+ 4 55.2	1.707	2.607	12.5	18.5
9 8	0 28.31	+ 3 53.9	1.666	2.625	8.5	18.3
9 18	0 21.32	+ 2 40.9	1.650	2.644	4.0	18.1
9 28	0 13.68	+ 1 23.0	1.660	2.662	0.5	17.8
10 8	0 6.36	+ 0 8.0	1.699	2.681	4.9	18.2
10 18	0 0.22	− 0 57.3	1.764	2.700	9.0	18.5
10 28	23 55.94	− 1 47.5	1.854	2.718	12.5	18.8

493506 2015 BX_{118} 9 26.9 275°.34 0°.2/27.1 16

8 19	0 34.27	+ 3 56.7	3.357	4.153	9.6	22.3
8 29	0 30.68	+ 3 40.6	3.246	4.133	7.6	22.1
9 8	0 25.86	+ 3 16.6	3.160	4.113	5.2	21.9
9 18	0 20.10	+ 2 46.6	3.101	4.093	2.6	21.7
9 28	0 13.83	+ 2 12.9	3.071	4.073	0.3	21.5
10 8	0 7.55	+ 1 38.8	3.071	4.052	3.1	21.7
10 18	0 1.77	+ 1 7.3	3.101	4.032	5.8	21.8
10 28	23 56.95	+ 0 41.3	3.158	4.011	8.2	22.0

20911 4083 $P\text{–}L$ 9 26.9 162°.89 1°.1/27.8 18

8 19	0 43.46	+ 6 19.9	1.708	2.516	16.9	18.6
8 29	0 38.99	+ 6 12.9	1.629	2.520	13.5	18.3
9 8	0 32.06	+ 5 50.3	1.570	2.523	9.4	18.1
9 18	0 23.23	+ 5 13.9	1.535	2.526	4.9	17.9
9 28	0 13.44	+ 4 28.5	1.527	2.528	1.1	17.6
10 8	0 3.85	+ 3 40.3	1.546	2.530	5.1	17.9
10 18	23 55.53	+ 2 56.2	1.593	2.532	9.5	18.2
10 28	23 49.37	+ 2 21.9	1.663	2.533	13.4	18.4

441788 2009 DE_{126} 9 26.9 237°.97 0°.6/27.4 18

8 19	0 41.55	+ 4 9.5	2.005	2.813	14.7	21.5
8 29	0 37.16	+ 4 11.6	1.919	2.811	11.7	21.3
9 8	0 30.66	+ 4 2.5	1.854	2.808	8.1	21.1
9 18	0 22.52	+ 3 43.8	1.814	2.806	4.1	20.8
9 28	0 13.54	+ 3 19.2	1.802	2.803	0.6	20.5
10 8	0 4.67	+ 2 53.1	1.818	2.801	4.6	20.8
10 18	23 56.83	+ 2 30.4	1.862	2.798	8.5	21.1
10 28	23 50.81	+ 2 15.3	1.931	2.796	12.1	21.3

220688 2004 RQ_{287} 9 26.9 44°.98 1°.7/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 41.22	− 2 32.5	1.968	2.797	14.2	19.8
8 29	0 36.74	− 2 42.1	1.900	2.808	11.0	19.6
9 8	0 30.23	− 2 58.5	1.854	2.818	7.4	19.4
9 18	0 22.24	− 3 17.9	1.834	2.829	3.5	19.2
9 28	0 13.59	− 3 36.0	1.841	2.840	2.0	19.1
10 8	0 5.22	− 3 48.3	1.877	2.851	5.4	19.4
10 18	23 57.97	− 3 51.5	1.939	2.863	9.1	19.6
10 28	23 52.53	− 3 43.2	2.026	2.875	12.3	19.9

220824 2004 TE_{311} 9 26.9 346°.09 2°.9/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 39.12	+10 23.0	2.084	2.870	15.0	20.0
8 29	0 35.26	+10 42.7	1.995	2.867	12.2	19.8
9 8	0 29.37	+10 48.2	1.927	2.865	9.0	19.6
9 18	0 21.91	+10 39.5	1.883	2.863	5.5	19.4
9 28	0 13.62	+10 18.8	1.866	2.861	2.9	19.2
10 8	0 5.42	+ 9 49.8	1.876	2.859	4.5	19.3
10 18	23 58.16	+ 9 17.5	1.915	2.858	7.9	19.5
10 28	23 52.62	+ 8 47.4	1.978	2.857	11.2	19.8

405324 2003 UT_{221} 9 26.9 320°.36 3°.1/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 36.58	− 5 18.1	2.089	2.930	13.1	20.4
8 29	0 33.22	− 5 56.3	2.004	2.919	10.1	20.2
9 8	0 27.96	− 6 40.9	1.942	2.908	6.9	20.0
9 18	0 21.22	− 7 27.0	1.905	2.897	3.8	19.8
9 28	0 13.72	− 8 9.0	1.895	2.887	3.5	19.7
10 8	0 6.32	− 8 41.3	1.913	2.877	6.5	19.9
10 18	23 59.82	− 8 59.9	1.958	2.867	9.9	20.1
10 28	23 54.95	− 9 2.2	2.026	2.858	13.0	20.3

359590 2010 UA_{98} 9 26.9 14°.52 2°.6/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 40.58	+ 8 53.5	1.929	2.724	15.7	20.1
8 29	0 36.51	+ 9 17.6	1.847	2.726	12.7	19.9
9 8	0 30.27	+ 9 27.7	1.786	2.728	9.2	19.7
9 18	0 22.35	+ 9 24.3	1.748	2.731	5.5	19.4
9 28	0 13.59	+ 9 9.3	1.737	2.734	2.7	19.3
10 8	0 4.95	+ 8 46.8	1.753	2.737	4.6	19.4
10 18	23 57.40	+ 8 21.9	1.797	2.740	8.3	19.6
10 28	23 51.70	+ 7 59.8	1.866	2.744	11.8	19.9

385598 2005 EX_{9} 9 26.9 109°.53 1°.0/25.8 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 38.30	+ 2 56.4	2.145	2.960	13.7	21.7
8 29	0 34.28	+ 1 58.2	2.078	2.978	10.6	21.5
9 8	0 28.48	+ 0 47.9	2.034	2.995	7.1	21.3
9 18	0 21.38	− 0 30.0	2.017	3.012	3.3	21.1
9 28	0 13.73	− 1 49.3	2.028	3.028	1.3	21.0
10 8	0 6.33	− 3 3.4	2.068	3.044	4.9	21.3
10 18	23 59.92	− 4 6.4	2.136	3.060	8.4	21.6
10 28	23 55.11	− 4 54.5	2.230	3.075	11.5	21.8

195401 2002 GO_{21} 9 26.9 189°.20 3°.6/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 44.27	− 8 9.9	2.273	3.099	12.7	20.8
8 29	0 38.95	− 8 45.0	2.193	3.098	9.9	20.6
9 8	0 31.68	− 9 23.4	2.136	3.096	6.8	20.4
9 18	0 22.96	−10 0.4	2.107	3.094	4.2	20.2
9 28	0 13.54	−10 30.5	2.106	3.092	4.0	20.2
10 8	0 4.29	−10 49.3	2.134	3.088	6.6	20.4
10 18	23 56.04	−10 53.8	2.190	3.084	9.7	20.6
10 28	23 49.47	−10 42.8	2.271	3.080	12.5	20.8

468494 2005 GY_{128} 9 26.9 132°.05 11°.2/14.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 49.24	−30 9.8	2.019	2.835	14.4	22.4
8 29	0 43.06	−31 58.7	1.991	2.855	12.6	22.3
9 8	0 34.49	−33 33.4	1.985	2.873	11.5	22.3
9 18	0 24.25	−34 44.5	2.004	2.890	11.3	22.3
9 28	0 13.40	−35 24.9	2.047	2.907	12.1	22.4
10 8	0 3.10	−35 32.0	2.112	2.922	13.5	22.5
10 18	23 54.34	−35 7.2	2.199	2.937	15.1	22.7
10 28	23 47.83	−34 14.8	2.303	2.950	16.6	22.8

9043 1991 EJ_{4} 9 26.9 70°.69 1°.6/28.7 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 38.43	+ 8 25.1	2.151	2.945	14.3	17.3
8 29	0 34.48	+ 8 19.5	2.077	2.957	11.5	17.1
9 8	0 28.68	+ 8 0.1	2.024	2.970	8.1	17.0
9 18	0 21.52	+ 7 28.5	1.996	2.982	4.5	16.8
9 28	0 13.73	+ 6 48.1	1.995	2.995	1.7	16.6
10 8	0 6.14	+ 6 3.8	2.023	3.007	4.0	16.8
10 18	23 59.53	+ 5 20.9	2.079	3.020	7.5	17.0
10 28	23 54.54	+ 4 44.3	2.160	3.032	10.7	17.3

411493 2011 AX_{59} 9 26.9 188°.76 0°.6/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 35.91	+ 2 10.2	2.656	3.466	11.5	21.9
8 29	0 32.21	+ 1 37.7	2.569	3.466	8.9	21.8
9 8	0 27.01	+ 0 56.2	2.506	3.465	6.0	21.6
9 18	0 20.70	+ 0 8.3	2.469	3.464	2.8	21.4
9 28	0 13.83	− 0 41.8	2.462	3.463	0.9	21.2
10 8	0 7.07	− 1 29.7	2.484	3.462	4.0	21.4
10 18	0 1.02	− 2 11.1	2.535	3.461	7.1	21.6
10 28	23 56.25	− 2 42.8	2.611	3.459	9.9	21.8

312471 2008 ST_{153} 9 26.9 326°.16 0°.2/26.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 32.12	+ 1 38.8	4.048	4.849	8.0	19.8
8 29	0 28.74	+ 1 29.2	3.953	4.844	6.2	19.7
9 8	0 24.41	+ 1 14.5	3.883	4.839	4.2	19.5
9 18	0 19.38	+ 0 56.3	3.841	4.834	2.0	19.4
9 28	0 14.00	+ 0 36.5	3.828	4.829	0.4	19.2
10 8	0 8.67	+ 0 17.4	3.845	4.825	2.6	19.4
10 18	0 3.76	+ 0 1.1	3.893	4.820	4.8	19.6
10 28	23 59.64	− 0 10.5	3.967	4.816	6.8	19.7

428585 2008 ED_{17} 9 26.9 218°.25 2°.5/29.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 40.77	+11 39.3	1.866	2.651	16.5	22.1
8 29	0 36.87	+11 24.0	1.771	2.644	13.5	21.8
9 8	0 30.67	+10 49.0	1.696	2.636	9.9	21.6
9 18	0 22.64	+ 9 54.9	1.645	2.627	5.8	21.3
9 28	0 13.59	+ 8 45.7	1.621	2.618	2.6	21.1
10 8	0 4.59	+ 7 27.9	1.625	2.609	4.8	21.2
10 18	23 56.65	+ 6 9.7	1.656	2.599	8.9	21.5
10 28	23 50.67	+ 4 59.1	1.712	2.588	12.8	21.7

444636 2006 WB_{140} 9 26.9 358°.35 11°.0/ 8.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 33.64	+28 38.4	1.550	2.270	21.9	19.8
8 29	0 32.07	+29 45.4	1.470	2.266	19.6	19.6
9 8	0 27.84	+30 22.8	1.404	2.263	17.0	19.4
9 18	0 21.40	+30 24.9	1.355	2.261	14.2	19.2
9 28	0 13.74	+29 49.2	1.326	2.261	11.9	19.1
10 8	0 6.12	+28 38.3	1.319	2.262	11.0	19.1
10 18	23 59.83	+27 0.3	1.334	2.264	11.9	19.1
10 28	23 55.92	+25 7.5	1.373	2.267	14.1	19.3

473320 2015 RB_{224} 9 26.9 235°.82 4°.4/22.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 46.38	−13 21.0	2.554	3.375	11.6	21.7
8 29	0 40.41	−13 40.0	2.467	3.366	9.2	21.5
9 8	0 32.59	−13 58.0	2.404	3.356	6.7	21.3
9 18	0 23.39	−14 10.3	2.368	3.346	4.7	21.2
9 28	0 13.52	−14 12.8	2.362	3.336	4.8	21.2
10 8	0 3.79	−14 2.2	2.385	3.325	6.9	21.3
10 18	23 54.98	−13 37.2	2.436	3.314	9.5	21.5
10 28	23 47.77	−12 57.6	2.513	3.303	12.0	21.6

240669 2005 EQ_{83} 9 26.9 74°.12 1°.9/28.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 43.13	+ 7 33.6	1.840	2.639	16.2	20.0
8 29	0 38.39	+ 7 44.1	1.774	2.657	13.0	19.8
9 8	0 31.45	+ 7 40.1	1.728	2.675	9.2	19.6
9 18	0 22.88	+ 7 23.1	1.706	2.693	5.1	19.4
9 28	0 13.59	+ 6 56.4	1.712	2.711	1.9	19.3
10 8	0 4.61	+ 6 24.9	1.745	2.729	4.5	19.5
10 18	23 56.89	+ 5 54.2	1.806	2.747	8.4	19.8
10 28	23 51.15	+ 5 29.3	1.891	2.764	11.9	20.0

339281 2004 XQ_{15} 9 26.9 305°.15 5°.0/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 38.76	− 7 6.2	1.536	2.394	16.1	20.6
8 29	0 35.92	− 8 0.6	1.443	2.366	12.7	20.3
9 8	0 30.42	− 9 4.2	1.369	2.338	8.9	20.0
9 18	0 22.67	−10 10.0	1.319	2.310	5.6	19.8
9 28	0 13.58	−11 8.7	1.295	2.282	5.8	19.7
10 8	0 4.39	−11 51.1	1.295	2.254	9.4	19.9
10 18	23 56.37	−12 10.8	1.319	2.227	13.8	20.0
10 28	23 50.61	−12 4.6	1.364	2.200	17.8	20.2

401794 2014 HF_{10} 9 26.9 183°.91 2°.5/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 40.50	− 3 47.5	2.165	2.994	13.1	22.0
8 29	0 36.12	− 4 25.3	2.086	2.994	10.2	21.8
9 8	0 29.83	− 5 9.9	2.030	2.994	6.8	21.6
9 18	0 22.11	− 5 56.9	2.000	2.994	3.6	21.4
9 28	0 13.69	− 6 40.9	1.999	2.993	2.9	21.4
10 8	0 5.43	− 7 16.5	2.026	2.992	5.9	21.6
10 18	23 58.13	− 7 39.8	2.080	2.990	9.3	21.8
10 28	23 52.49	− 7 48.2	2.159	2.989	12.3	22.0

39936 1998 FZ_{85} 9 26.9 54°.51 4°.9/22.9 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 39.45	− 4 9.7	1.215	2.081	18.9	18.3
8 29	0 36.40	− 5 33.1	1.169	2.098	14.5	18.1
9 8	0 30.49	− 7 7.6	1.143	2.115	9.8	17.9
9 18	0 22.50	− 8 42.9	1.140	2.133	5.6	17.7
9 28	0 13.66	−10 7.0	1.161	2.151	5.6	17.7
10 8	0 5.37	−11 9.7	1.207	2.169	9.5	18.0
10 18	23 58.80	−11 45.6	1.275	2.188	13.8	18.3
10 28	23 54.79	−11 53.2	1.364	2.207	17.5	18.6

242220 2003 RM_{24} 9 26.9 36°.93 5°.0/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 50.30	+12 9.9	1.926	2.687	16.9	19.6
8 29	0 44.11	+13 30.9	1.851	2.701	14.0	19.4
9 8	0 35.45	+14 38.6	1.796	2.716	10.7	19.2
9 18	0 24.88	+15 30.3	1.766	2.731	7.3	19.0
9 28	0 13.36	+16 4.9	1.763	2.746	5.1	19.0
10 8	0 2.03	+16 23.9	1.790	2.762	6.0	19.0
10 18	23 51.99	+16 30.7	1.844	2.778	8.8	19.2
10 28	23 44.13	+16 30.9	1.925	2.795	11.9	19.5

47633 2000 CG_{23} 9 26.9 314.°75 0.°7/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 36.02	+ 6 35.9	1.706	2.527	16.4	19.3
8 29	0 33.31	+ 6 9.8	1.618	2.517	13.1	19.0
9 8	0 28.32	+ 5 25.9	1.550	2.507	9.1	18.8
9 18	0 21.53	+ 4 26.8	1.505	2.498	4.6	18.5
9 28	0 13.76	+ 3 18.0	1.487	2.489	0.7	18.2
10 8	0 6.05	+ 2 7.2	1.495	2.480	5.1	18.5
10 18	23 59.43	+ 1 2.3	1.530	2.471	9.6	18.7
10 28	23 54.76	+ 0 10.2	1.588	2.463	13.7	18.9

408428 2013 HO_{6} 9 26.9 84.°37 5.°5/20.9 18

8 19	0 39.14	−13 25.7	2.185	3.029	12.5	20.9
8 29	0 35.00	−14 23.2	2.123	3.035	9.8	20.8
9 8	0 29.01	−15 20.6	2.085	3.040	7.2	20.6
9 18	0 21.68	−16 11.7	2.072	3.046	5.6	20.6
9 28	0 13.76	−16 50.5	2.086	3.052	6.1	20.6
10 8	0 6.08	−17 12.3	2.128	3.058	8.2	20.7
10 18	23 59.41	−17 14.9	2.195	3.063	10.8	20.9
10 28	23 54.37	−16 58.2	2.285	3.069	13.2	21.1

353538 2011 SS_{171} 9 26.9 135.°41 0.°3/27.3 18

8 19	0 39.68	+ 4 30.8	2.076	2.884	14.3	21.4
8 29	0 35.58	+ 4 17.2	1.995	2.888	11.3	21.2
9 8	0 29.53	+ 3 51.4	1.936	2.891	7.8	21.0
9 18	0 21.99	+ 3 16.0	1.901	2.894	3.8	20.8
9 28	0 13.72	+ 2 35.1	1.895	2.897	0.5	20.5
10 8	0 5.60	+ 1 53.8	1.917	2.900	4.4	20.8
10 18	23 58.48	+ 1 17.4	1.967	2.902	8.2	21.1
10 28	23 53.06	+ 0 50.2	2.042	2.905	11.6	21.3

137497 1999 VH 9 26.9 306.°47 1.°8/25.5 18

8 19	0 37.20	+ 1 3.6	1.329	2.182	18.4	20.3
8 29	0 35.04	+ 0 27.8	1.239	2.160	14.6	20.0
9 8	0 30.01	− 0 25.7	1.169	2.139	9.9	19.6
9 18	0 22.54	− 1 32.2	1.121	2.118	4.7	19.3
9 28	0 13.63	− 2 43.6	1.097	2.097	2.3	19.1
10 8	0 4.63	− 3 49.5	1.097	2.076	7.5	19.3
10 18	23 56.96	− 4 40.2	1.121	2.056	13.0	19.6
10 28	23 51.81	− 5 9.1	1.166	2.037	17.8	19.8

389766 2011 SX_{215} 9 26.9 23.°63 2.°8/28.8 18

8 19	0 48.70	+ 7 12.4	1.884	2.671	16.3	20.4
8 29	0 43.00	+ 8 1.9	1.797	2.671	13.2	20.2
9 8	0 34.79	+ 8 40.4	1.730	2.671	9.6	20.0
9 18	0 24.62	+ 9 7.2	1.689	2.671	5.7	19.7
9 28	0 13.39	+ 9 23.0	1.675	2.672	2.8	19.5
10 8	0 2.26	+ 9 30.2	1.690	2.672	5.0	19.7
10 18	23 52.33	+ 9 32.7	1.734	2.672	8.9	19.9
10 28	23 44.54	+ 9 35.1	1.802	2.672	12.6	20.2

477582 2010 JQ_{37} 9 26.9 42.°12 0.°1/27.0 16

8 19	0 42.76	+ 2 30.8	1.500	2.331	17.8	20.3
8 29	0 38.51	+ 2 36.8	1.443	2.349	13.9	20.1
9 8	0 31.71	+ 2 30.1	1.405	2.367	9.5	19.9
9 18	0 23.05	+ 2 13.7	1.391	2.385	4.6	19.7
9 28	0 13.60	+ 1 52.3	1.403	2.405	0.5	19.4
10 8	0 4.59	+ 1 31.7	1.441	2.424	5.4	19.9
10 18	23 57.08	+ 1 17.1	1.505	2.444	9.9	20.2
10 28	23 51.88	+ 1 12.6	1.592	2.465	13.8	20.5

265298 2004 GH_{59} 9 26.9 136.°80 2.°1/24.9 17

8 19	0 41.99	− 0 55.3	1.783	2.613	15.4	21.1
8 29	0 37.63	− 1 39.6	1.713	2.622	12.0	20.9
9 8	0 31.01	− 2 34.6	1.666	2.630	8.0	20.7
9 18	0 22.72	− 3 35.2	1.643	2.638	3.9	20.4
9 28	0 13.64	− 4 34.5	1.647	2.645	2.5	20.4
10 8	0 4.84	− 5 25.5	1.680	2.652	6.3	20.6
10 18	23 57.27	− 6 2.8	1.739	2.659	10.2	20.9
10 28	23 51.69	− 6 22.9	1.822	2.665	13.7	21.1

71502 2000 CT_{25} 9 26.9 205.°14 1.°3/28.6 18

8 19	0 36.63	+ 8 32.9	2.777	3.558	11.8	20.0
8 29	0 32.76	+ 8 18.6	2.682	3.555	9.4	19.8
9 8	0 27.40	+ 7 52.8	2.609	3.551	6.7	19.6
9 18	0 20.92	+ 7 16.7	2.562	3.547	3.7	19.4
9 28	0 13.86	+ 6 33.2	2.543	3.543	1.3	19.3
10 8	0 6.87	+ 5 46.2	2.555	3.539	3.3	19.4
10 18	0 0.55	+ 5 0.0	2.596	3.534	6.3	19.6
10 28	23 55.47	+ 4 18.8	2.663	3.529	9.1	19.8

345006 2005 CF_{6} 9 26.9 262.°82 1.°4/28.2 18

8 19	0 40.43	+ 7 22.3	2.071	2.868	14.7	21.7
8 29	0 36.47	+ 7 15.3	1.965	2.848	11.9	21.5
9 8	0 30.36	+ 6 54.0	1.880	2.828	8.5	21.2
9 18	0 22.52	+ 6 19.5	1.819	2.808	4.6	20.9
9 28	0 13.66	+ 5 35.0	1.786	2.787	1.4	20.7
10 8	0 4.72	+ 4 45.8	1.781	2.765	4.5	20.9
10 18	23 56.66	+ 3 57.8	1.804	2.743	8.6	21.1
10 28	23 50.33	+ 3 16.9	1.853	2.721	12.3	21.3

245243 2004 XU_{162} 9 26.9 278.°56 4.°7/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 40.09	− 7 55.0	1.802	2.650	14.6	20.4
8 29	0 36.39	− 8 48.4	1.717	2.634	11.4	20.2
9 8	0 30.37	− 9 48.0	1.654	2.619	8.0	19.9
9 18	0 22.52	−10 47.4	1.616	2.604	5.1	19.7
9 28	0 13.67	−11 38.8	1.604	2.588	5.3	19.7
10 8	0 4.90	−12 15.1	1.619	2.573	8.3	19.9
10 18	23 57.22	−12 31.8	1.659	2.557	12.0	20.1
10 28	23 51.51	−12 26.7	1.721	2.542	15.4	20.3

304248 2006 RR_{47} 9 26.9 342.°86 0.°6/26.4 18

8 19	0 38.49	+ 1 46.9	1.714	2.546	15.8	20.3
8 29	0 35.15	+ 1 33.8	1.634	2.541	12.5	20.0
9 8	0 29.51	+ 1 8.5	1.574	2.537	8.5	19.8
9 18	0 22.08	+ 0 34.4	1.538	2.533	4.0	19.5
9 28	0 13.73	− 0 3.5	1.528	2.530	0.9	19.3
10 8	0 5.51	− 0 38.9	1.545	2.526	5.5	19.6
10 18	23 58.44	− 1 6.2	1.588	2.524	9.8	19.9
10 28	23 53.36	− 1 20.9	1.655	2.522	13.7	20.1

62885 2000 UK_{94} 9 26.9 112.°98 0.°7/26.4 18

8 19	0 46.12	+ 1 38.6	1.542	2.367	17.6	18.8
8 29	0 41.16	+ 1 23.4	1.477	2.380	13.8	18.6
9 8	0 33.56	+ 0 55.3	1.432	2.393	9.3	18.4
9 18	0 23.99	+ 0 18.3	1.411	2.406	4.4	18.1
9 28	0 13.53	− 0 21.7	1.417	2.418	1.1	17.9
10 8	0 3.46	− 0 57.7	1.450	2.430	5.9	18.3
10 18	23 54.91	− 1 24.2	1.509	2.442	10.5	18.6
10 28	23 48.74	− 1 36.9	1.592	2.453	14.4	18.9

477044 2009 AO_{36} 9 26.9 329.°13 4.°6/23.4 18

8 19	0 36.18	− 5 44.1	1.346	2.215	17.3	20.7
8 29	0 34.10	− 6 29.7	1.266	2.196	13.6	20.4
9 8	0 29.26	− 7 25.2	1.205	2.178	9.4	20.1
9 18	0 22.13	− 8 23.6	1.167	2.160	5.5	19.9
9 28	0 13.74	− 9 15.4	1.152	2.144	5.3	19.8
10 8	0 5.39	− 9 51.3	1.162	2.128	9.2	20.0
10 18	23 58.40	−10 5.1	1.194	2.114	13.8	20.2
10 28	23 53.84	− 9 53.8	1.246	2.100	18.0	20.4

493789 2015 UG_{63} 9 26.9 249.°37 10.°0/10.8 18

8 19	0 43.12	−35 42.8	2.789	3.583	11.4	21.8
8 29	0 38.09	−37 3.8	2.734	3.567	10.5	21.7
9 8	0 31.13	−38 12.7	2.701	3.551	10.0	21.7
9 18	0 22.75	−39 2.9	2.691	3.535	10.1	21.6
9 28	0 13.68	−39 29.0	2.705	3.519	10.9	21.7
10 8	0 4.80	−39 28.1	2.741	3.502	12.0	21.7
10 18	23 56.92	−39 0.4	2.798	3.485	13.3	21.8
10 28	23 50.72	−38 8.0	2.871	3.467	14.5	21.9

37657 1994 PX_{14} 9 26.9 318.°01 2.°1/24.5 18

8 19	0 34.06	+ 0 6.8	1.960	2.797	13.9	18.9
8 29	0 31.41	− 0 57.9	1.876	2.789	10.8	18.7
9 8	0 26.84	− 2 15.6	1.814	2.781	7.2	18.4
9 18	0 20.77	− 3 40.9	1.777	2.772	3.5	18.2
9 28	0 13.92	− 5 6.5	1.768	2.765	2.6	18.1
10 8	0 7.16	− 6 24.7	1.786	2.757	6.1	18.3
10 18	0 1.32	− 7 28.9	1.832	2.750	9.9	18.6
10 28	23 57.14	− 8 14.4	1.900	2.743	13.3	18.8

407047 2009 SP_{111} 9 26.9 311.°62 2.°3/29.7 18

8 19	0 35.00	+11 59.9	2.265	3.046	14.1	21.0
8 29	0 31.90	+11 41.2	2.173	3.043	11.5	20.8
9 8	0 27.04	+11 5.7	2.102	3.039	8.4	20.6
9 18	0 20.83	+10 14.8	2.055	3.036	5.0	20.4
9 28	0 13.92	+ 9 11.7	2.036	3.032	2.4	20.2
10 8	0 7.09	+ 8 2.0	2.045	3.029	3.9	20.3
10 18	0 1.10	+ 6 51.8	2.082	3.026	7.3	20.5
10 28	23 56.59	+ 5 47.3	2.145	3.023	10.5	20.7

461182 2015 VB_{63} 9 26.9 314.°83 1.°7/24.9 17

8 19	0 33.00	+ 1 36.8	1.967	2.802	14.0	21.4
8 29	0 30.65	+ 0 32.9	1.873	2.785	10.9	21.2
9 8	0 26.38	− 0 45.8	1.802	2.768	7.3	20.9
9 18	0 20.58	− 2 14.4	1.755	2.752	3.5	20.7
9 28	0 13.94	− 3 46.0	1.737	2.735	2.2	20.5
10 8	0 7.33	− 5 12.4	1.746	2.720	5.9	20.7
10 18	0 1.59	− 6 26.1	1.781	2.704	9.8	21.0
10 28	23 57.48	− 7 21.6	1.841	2.689	13.4	21.1

492261 2013 WF_{55} 9 26.9 255.°70 5.°8/22.0 18

8 19	0 45.23	−11 32.3	1.790	2.631	14.9	21.7
8 29	0 40.51	−12 22.7	1.703	2.614	11.8	21.5
9 8	0 33.24	−13 16.0	1.638	2.597	8.6	21.2
9 18	0 23.95	−14 5.1	1.597	2.579	6.1	21.1
9 28	0 13.54	−14 41.9	1.584	2.560	6.5	21.0
10 8	0 3.19	−14 59.8	1.597	2.541	9.4	21.2
10 18	23 54.04	−14 55.3	1.636	2.521	12.9	21.3
10 28	23 47.05	−14 27.8	1.697	2.501	16.3	21.5

143904 2003 YM_{62} 9 26.9 223°.28 0°.5/27.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 42.25	+ 5 41.4	1.880	2.686	15.7	20.8
8 29	0 38.00	+ 5 21.0	1.786	2.677	12.5	20.5
9 8	0 31.45	+ 4 45.3	1.713	2.667	8.7	20.3
9 18	0 23.06	+ 3 56.6	1.665	2.657	4.4	20.0
9 28	0 13.65	+ 2 59.7	1.644	2.646	0.6	19.7
10 8	0 4.28	+ 2 1.1	1.652	2.634	5.0	20.0
10 18	23 55.97	+ 1 7.6	1.687	2.622	9.3	20.2
10 28	23 49.60	+ 0 25.2	1.746	2.609	13.2	20.5

214640 2006 SB_{41} 9 26.9 73°.99 0°.9/26.1 18

8 19	0 38.60	+ 1 43.2	1.939	2.763	14.6	20.9
8 29	0 34.88	+ 1 14.1	1.863	2.767	11.4	20.7
9 8	0 29.12	+ 0 33.4	1.809	2.771	7.7	20.4
9 18	0 21.84	− 0 15.0	1.779	2.774	3.6	20.2
9 28	0 13.81	− 1 5.9	1.777	2.778	1.2	20.0
10 8	0 5.98	− 1 53.0	1.803	2.782	5.1	20.3
10 18	23 59.19	− 2 31.0	1.856	2.786	9.0	20.6
10 28	23 54.17	− 2 56.0	1.934	2.790	12.5	20.8

479349 2013 WG_{85} 9 26.9 286°.55 2°.1/28.8 18

8 19	0 37.88	+ 9 49.6	1.579	2.390	17.9	22.1
8 29	0 35.12	+ 9 36.4	1.484	2.374	14.6	21.9
9 8	0 29.81	+ 9 1.8	1.408	2.358	10.6	21.6
9 18	0 22.39	+ 8 6.8	1.354	2.342	6.0	21.3
9 28	0 13.73	+ 6 55.7	1.326	2.326	2.2	21.0
10 8	0 5.04	+ 5 36.5	1.324	2.310	5.3	21.2
10 18	23 57.50	+ 4 18.6	1.347	2.294	10.2	21.4
10 28	23 52.15	+ 3 11.0	1.394	2.278	14.7	21.6

423309 2005 EG_{192} 9 26.9 220°.47 0°.9/27.7 17

8 19	0 42.23	+ 6 29.0	1.689	2.500	17.0	22.1
8 29	0 38.24	+ 6 11.9	1.601	2.494	13.6	21.9
9 8	0 31.74	+ 5 37.6	1.533	2.487	9.5	21.6
9 18	0 23.24	+ 4 48.4	1.488	2.480	4.9	21.4
9 28	0 13.65	+ 3 49.3	1.470	2.472	0.9	21.0
10 8	0 4.13	+ 2 47.5	1.480	2.464	5.2	21.3
10 18	23 55.82	+ 1 50.7	1.516	2.455	9.9	21.6
10 28	23 49.65	+ 1 5.6	1.577	2.446	14.1	21.8

234045 1999 CF_{7} 9 26.9 314°.77 10°.5/ 4.6 16

8 19	0 46.34	+27 6.6	2.149	2.821	17.7	20.0
8 29	0 41.75	+28 57.2	2.034	2.796	16.0	19.8
9 8	0 34.47	+30 32.3	1.937	2.770	14.1	19.6
9 18	0 24.79	+31 45.6	1.862	2.745	12.2	19.5
9 28	0 13.43	+32 31.9	1.809	2.720	10.8	19.3
10 8	0 1.54	+32 48.9	1.782	2.696	10.6	19.3
10 18	23 50.40	+32 38.4	1.780	2.672	11.7	19.3
10 28	23 41.26	+32 6.5	1.801	2.649	13.6	19.4

403180 2008 HW_{54} 9 26.9 168°.03 0°.1/27.0 18

8 19	0 36.87	+ 4 51.1	2.512	3.313	12.3	22.1
8 29	0 33.07	+ 4 18.6	2.426	3.316	9.7	22.0
9 8	0 27.67	+ 3 34.8	2.364	3.318	6.6	21.8
9 18	0 21.09	+ 2 42.4	2.327	3.320	3.2	21.6
9 28	0 13.93	+ 1 45.5	2.320	3.322	0.4	21.3
10 8	0 6.88	+ 0 49.0	2.342	3.323	3.9	21.6
10 18	0 0.60	− 0 2.1	2.392	3.324	7.2	21.8
10 28	23 55.69	− 0 43.9	2.470	3.325	10.1	22.0

177767 2005 JR_{128} 9 26.9 249°.87 0°.3/27.2 18

8 19	0 39.13	+ 6 24.1	1.620	2.440	17.2	20.8
8 29	0 35.94	+ 5 45.3	1.530	2.429	13.7	20.5
9 8	0 30.26	+ 4 46.7	1.460	2.419	9.5	20.3
9 18	0 22.56	+ 3 31.3	1.414	2.407	4.7	20.0
9 28	0 13.74	+ 2 5.9	1.394	2.396	0.5	19.6
10 8	0 4.96	+ 0 39.4	1.401	2.384	5.6	20.0
10 18	23 57.36	− 0 38.8	1.434	2.372	10.5	20.2
10 28	23 51.90	− 1 40.9	1.491	2.360	14.8	20.5

342796 2008 WD_{135} 9 26.9 13°.34 8°.6/21.0 18

8 19	0 38.79	−14 23.1	1.179	2.059	18.4	19.0
8 29	0 36.16	−15 26.2	1.133	2.064	14.7	18.8
9 8	0 30.51	−16 27.8	1.105	2.070	11.0	18.6
9 18	0 22.61	−17 17.1	1.099	2.077	8.7	18.5
9 28	0 13.76	−17 43.6	1.115	2.085	9.4	18.6
10 8	0 5.43	−17 41.3	1.153	2.095	12.3	18.8
10 18	23 58.89	−17 8.8	1.213	2.106	15.8	19.0
10 28	23 55.03	−16 9.1	1.291	2.119	19.1	19.3

207289 2005 GY_{22} 9 26.9 124°.41 5°.6/21.9 18

8 19	0 43.90	−13 0.8	1.975	2.815	13.8	20.0
8 29	0 38.91	−13 43.8	1.911	2.820	10.9	19.8
9 8	0 31.78	−14 26.6	1.869	2.825	7.9	19.7
9 18	0 23.09	−15 2.9	1.852	2.830	5.8	19.6
9 28	0 13.71	−15 26.4	1.863	2.835	6.1	19.6
10 8	0 4.63	−15 32.5	1.901	2.840	8.5	19.7
10 18	23 56.76	−15 19.5	1.965	2.844	11.4	19.9
10 28	23 50.80	−14 47.6	2.052	2.849	14.1	20.1

484901 2009 RH_{15} 9 26.9 18°.72 0°.6/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 33.23	+ 7 54.0	1.899	2.714	15.2	21.1
8 29	0 30.77	+ 7 8.6	1.823	2.719	12.1	20.9
9 8	0 26.38	+ 6 5.6	1.768	2.724	8.4	20.7
9 18	0 20.54	+ 4 48.4	1.737	2.729	4.2	20.5
9 28	0 14.01	+ 3 23.0	1.734	2.735	0.7	20.2
10 8	0 7.65	+ 1 57.3	1.758	2.742	4.5	20.5
10 18	0 2.28	+ 0 38.7	1.809	2.749	8.5	20.8
10 28	23 58.57	− 0 26.6	1.885	2.757	12.0	21.0

242511 2004 XO_{191} 9 26.9 236°.49 2°.8/29.5 18

8 19	0 40.89	+10 30.3	1.934	2.722	15.9	20.9
8 29	0 36.88	+10 39.6	1.844	2.717	13.0	20.7
9 8	0 30.65	+10 32.6	1.773	2.712	9.5	20.4
9 18	0 22.68	+10 9.9	1.726	2.707	5.7	20.2
9 28	0 13.75	+ 9 33.8	1.705	2.702	2.8	20.0
10 8	0 4.88	+ 8 49.3	1.713	2.696	4.7	20.1
10 18	23 57.05	+ 8 2.6	1.747	2.691	8.5	20.3
10 28	23 51.10	+ 7 19.9	1.807	2.685	12.1	20.6

108931 2001 PR_{22} 9 26.9 347°.11 5°.6/30.7 18 R

8 19	0 34.69	+12 33.9	1.145	1.977	22.1	19.1
8 29	0 33.48	+13 21.5	1.070	1.966	18.5	18.9
9 8	0 29.16	+13 45.3	1.010	1.956	14.1	18.6
9 18	0 22.23	+13 42.6	0.968	1.948	9.4	18.3
9 28	0 13.79	+13 14.6	0.948	1.941	5.8	18.1
10 8	0 5.38	+12 27.2	0.950	1.935	7.1	18.1
10 18	23 58.53	+11 30.4	0.975	1.931	11.6	18.4
10 28	23 54.50	+10 35.5	1.019	1.929	16.4	18.6

139792 2001 RU_{7} 9 26.9 62°.27 5°.9/ 2.7 18

8 19	0 44.19	+18 24.2	1.794	2.543	18.4	19.8
8 29	0 39.38	+19 4.1	1.735	2.571	15.4	19.7
9 8	0 32.21	+19 22.1	1.694	2.599	12.1	19.5
9 18	0 23.33	+19 16.8	1.674	2.627	8.7	19.4
9 28	0 13.70	+18 49.6	1.680	2.655	6.3	19.3
10 8	0 4.44	+18 5.2	1.713	2.683	6.4	19.4
10 18	23 56.56	+17 10.5	1.772	2.711	8.7	19.6
10 28	23 50.81	+16 13.6	1.856	2.738	11.6	19.8

250872 2005 UY_{439} 9 26.9 321°.27 6°.5/ 3.5 18

8 19	0 37.20	+20 36.1	1.976	2.716	17.1	20.3
8 29	0 34.15	+21 10.6	1.879	2.707	14.8	20.1
9 8	0 28.90	+21 24.1	1.801	2.697	12.0	19.9
9 18	0 21.88	+21 14.2	1.744	2.689	9.1	19.7
9 28	0 13.85	+20 40.9	1.712	2.680	6.9	19.5
10 8	0 5.80	+19 47.6	1.705	2.672	6.8	19.5
10 18	23 58.73	+18 40.3	1.724	2.664	8.9	19.6
10 28	23 53.51	+17 27.5	1.768	2.656	11.8	19.8

348430 2005 QV_{5} 9 26.9 342°.64 2°.1/25.1 18

8 19	0 32.36	+ 2 7.2	1.199	2.064	19.2	20.4
8 29	0 31.30	+ 1 8.2	1.126	2.054	15.0	20.2
9 8	0 27.43	− 0 12.4	1.072	2.045	10.1	19.9
9 18	0 21.29	− 1 48.0	1.040	2.037	4.8	19.5
9 28	0 13.92	− 3 27.4	1.031	2.031	2.8	19.4
10 8	0 6.70	− 4 57.9	1.046	2.025	7.9	19.7
10 18	0 0.94	− 6 8.5	1.083	2.020	13.2	20.0
10 28	23 57.66	− 6 52.2	1.141	2.016	17.8	20.2

164098 2003 WX_{161} 9 26.9 330°.80 1°.2/28.2 18

8 19	0 33.99	+ 9 8.9	1.608	2.428	17.3	19.6
8 29	0 31.89	+ 8 32.7	1.523	2.419	13.9	19.3
9 8	0 27.46	+ 7 34.5	1.456	2.411	9.8	19.1
9 18	0 21.19	+ 6 16.9	1.413	2.403	5.2	18.8
9 28	0 13.94	+ 4 46.1	1.395	2.396	1.3	18.5
10 8	0 6.76	+ 3 11.3	1.403	2.389	5.1	18.8
10 18	0 0.72	+ 1 42.3	1.438	2.383	9.8	19.0
10 28	23 56.68	+ 0 27.6	1.496	2.377	14.0	19.3

251392 2007 VQ_{267} 9 26.9 35°.99 0°.7/27.4 17

8 19	0 41.41	+ 4 34.8	1.066	1.920	21.9	20.0
8 29	0 38.47	+ 4 37.2	1.014	1.932	17.4	19.8
9 8	0 32.24	+ 4 19.8	0.979	1.944	12.0	19.5
9 18	0 23.52	+ 3 46.0	0.964	1.958	6.0	19.2
9 28	0 13.68	+ 3 2.8	0.971	1.973	0.8	18.9
10 8	0 4.37	+ 2 19.5	1.002	1.988	6.5	19.4
10 18	23 57.01	+ 1 44.7	1.056	2.004	12.1	19.8
10 28	23 52.61	+ 1 24.8	1.130	2.021	16.8	20.1

337968 2002 CX_{51} 9 26.9 159°.83 1°.2/28.3 18

8 19	0 42.22	+ 7 33.2	2.327	3.111	13.7	21.9
8 29	0 37.36	+ 7 21.9	2.242	3.118	10.9	21.7
9 8	0 30.65	+ 6 57.9	2.180	3.125	7.7	21.5
9 18	0 22.56	+ 6 22.7	2.143	3.131	4.1	21.3
9 28	0 13.80	+ 5 39.8	2.136	3.136	1.2	21.1
10 8	0 5.18	+ 4 53.9	2.158	3.141	3.9	21.3
10 18	23 57.50	+ 4 10.0	2.209	3.145	7.4	21.5
10 28	23 51.41	+ 3 32.6	2.286	3.148	10.6	21.8

186817 2004 FM_{19} 9 26.9 96°.08 1°.4/28.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 40.96	+ 8 21.5	1.601	2.411	17.8	20.4
8 29	0 37.12	+ 7 58.7	1.533	2.424	14.2	20.2
9 8	0 30.84	+ 7 16.6	1.484	2.436	9.9	19.9
9 18	0 22.74	+ 6 18.1	1.459	2.449	5.3	19.7
9 28	0 13.78	+ 5 9.1	1.460	2.461	1.4	19.5
10 8	0 5.13	+ 3 57.6	1.488	2.473	5.0	19.8
10 18	23 57.84	+ 2 51.7	1.542	2.485	9.5	20.0
10 28	23 52.71	+ 1 58.3	1.621	2.496	13.4	20.3

151348 2002 CJ_{270} 9 26.9 146°.68 1°.1/25.5 18

8 19	0 37.51	+ 0 23.6	2.626	3.439	11.5	21.7
8 29	0 33.44	− 0 16.1	2.548	3.447	8.9	21.5
9 8	0 27.86	− 1 4.0	2.493	3.454	5.9	21.3
9 18	0 21.17	− 1 56.7	2.466	3.461	2.8	21.1
9 28	0 13.97	− 2 49.9	2.468	3.468	1.4	21.1
10 8	0 6.92	− 3 38.7	2.500	3.474	4.3	21.3
10 18	0 0.63	− 4 19.4	2.561	3.480	7.4	21.5
10 28	23 55.66	− 4 48.7	2.647	3.486	10.1	21.7

43490 2001 CL 9 26.9 250°.24 0°.5/27.4 18

8 19	0 39.75	+ 4 5.5	2.314	3.117	13.2	18.7
8 29	0 35.50	+ 4 4.2	2.226	3.116	10.4	18.5
9 8	0 29.44	+ 3 52.9	2.161	3.114	7.2	18.3
9 18	0 22.00	+ 3 33.4	2.121	3.113	3.6	18.0
9 28	0 13.87	+ 3 8.8	2.109	3.111	0.5	17.8
10 8	0 5.83	+ 2 43.2	2.126	3.109	4.0	18.1
10 18	23 58.66	+ 2 20.6	2.172	3.107	7.6	18.3
10 28	23 53.02	+ 2 4.8	2.244	3.106	10.7	18.5

246466 2007 VG_{306} 9 26.9 38°.36 2°.9/24.1 18

8 19	0 37.05	− 2 46.3	1.751	2.596	15.0	20.1
8 29	0 33.85	− 3 41.2	1.686	2.603	11.6	19.9
9 8	0 28.51	− 4 45.7	1.642	2.610	7.7	19.7
9 18	0 21.58	− 5 53.8	1.623	2.617	4.0	19.5
9 28	0 13.92	− 6 58.0	1.631	2.625	3.4	19.5
10 8	0 6.51	− 7 51.1	1.665	2.633	6.8	19.7
10 18	0 0.26	− 8 28.0	1.726	2.641	10.6	20.0
10 28	23 55.88	− 8 45.6	1.809	2.650	13.9	20.2

221715 2007 EN_{13} 9 26.9 33°.35 3°.2/30.0 18

8 19	0 39.53	+11 32.7	2.053	2.834	15.3	20.0
8 29	0 35.61	+11 51.1	1.970	2.838	12.6	19.8
9 8	0 29.66	+11 54.1	1.908	2.842	9.3	19.6
9 18	0 22.15	+11 41.8	1.869	2.846	5.8	19.4
9 28	0 13.85	+11 16.4	1.857	2.850	3.3	19.2
10 8	0 5.68	+10 41.9	1.872	2.854	4.5	19.3
10 18	23 58.50	+10 3.6	1.915	2.859	7.8	19.5
10 28	23 53.07	+ 9 27.4	1.984	2.864	11.1	19.8

185142 2006 SE_{132} 9 26.9 7°.69 5°.0/ 1.7 18

8 19	0 37.33	+15 56.1	1.709	2.487	18.1	19.8
8 29	0 34.40	+16 18.9	1.628	2.488	15.1	19.6
9 8	0 29.11	+16 20.2	1.565	2.489	11.7	19.4
9 18	0 21.98	+15 59.1	1.524	2.490	8.1	19.2
9 28	0 13.87	+15 17.1	1.507	2.493	5.3	19.0
10 8	0 5.88	+14 19.6	1.516	2.495	5.8	19.1
10 18	23 59.06	+13 14.2	1.551	2.499	9.0	19.2
10 28	23 54.29	+12 9.4	1.610	2.502	12.5	19.5

355769 2008 RP_{62} 9 26.9 286°.10 0°.2/26.5 14 C

8 19	0 31.50	+ 1 29.4	4.346	5.146	7.5	21.8
8 29	0 28.24	+ 1 16.0	4.250	5.141	5.8	21.7
9 8	0 24.10	+ 0 57.7	4.179	5.135	3.9	21.5
9 18	0 19.31	+ 0 36.2	4.136	5.130	1.9	21.4
9 28	0 14.20	+ 0 13.2	4.123	5.124	0.4	21.2
10 8	0 9.13	− 0 8.9	4.140	5.119	2.5	21.4
10 18	0 4.44	− 0 28.2	4.187	5.114	4.5	21.5
10 28	0 0.48	− 0 42.7	4.262	5.108	6.4	21.7

7856 Viktorbykov 9 26.9 345°.25 3°.4/23.5 18

8 19	0 36.31	− 5 42.7	1.960	2.806	13.6	17.6
8 29	0 33.14	− 6 25.3	1.883	2.800	10.5	17.4
9 8	0 28.00	− 7 14.2	1.828	2.795	7.2	17.2
9 18	0 21.35	− 8 4.2	1.799	2.791	4.1	17.0
9 28	0 13.95	− 8 49.0	1.796	2.787	3.9	17.0
10 8	0 6.70	− 9 22.7	1.821	2.783	6.8	17.1
10 18	0 0.44	− 9 41.2	1.871	2.780	10.3	17.3
10 28	23 55.87	− 9 42.3	1.945	2.778	13.4	17.5

296885 2010 AU_{55} 9 26.9 83°.13 4°.2/30.7 17

8 19	0 44.65	+13 28.9	1.803	2.575	17.5	20.9
8 29	0 39.77	+13 59.1	1.734	2.593	14.4	20.7
9 8	0 32.53	+14 11.0	1.685	2.611	10.8	20.5
9 18	0 23.53	+14 3.9	1.658	2.629	7.1	20.3
9 28	0 13.70	+13 39.8	1.658	2.647	4.4	20.2
10 8	0 4.17	+13 3.4	1.685	2.665	5.4	20.3
10 18	23 55.94	+12 20.8	1.740	2.682	8.6	20.5
10 28	23 49.83	+11 39.1	1.819	2.700	11.9	20.8

10126 Larbro 9 26.9 39°.16 1°.2/27.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 40.33	+ 6 24.9	1.035	1.888	22.5	17.8
8 29	0 37.66	+ 6 19.6	0.987	1.902	17.9	17.6
9 8	0 31.70	+ 5 51.3	0.954	1.918	12.4	17.4
9 18	0 23.26	+ 5 3.7	0.941	1.935	6.4	17.1
9 28	0 13.74	+ 4 4.5	0.951	1.953	1.2	16.8
10 8	0 4.81	+ 3 4.5	0.984	1.971	6.4	17.2
10 18	23 57.85	+ 2 13.5	1.040	1.990	12.0	17.6
10 28	23 53.84	+ 1 39.1	1.117	2.010	16.7	17.9

473447 2015 XK_4 9 26.9 237°.89 6°.4/18.7 18

8 19	0 36.76	−16 44.4	2.378	3.223	11.5	20.7
8 29	0 33.13	−18 2.4	2.314	3.222	9.3	20.6
9 8	0 27.79	−19 18.9	2.275	3.221	7.3	20.5
9 18	0 21.19	−20 27.4	2.261	3.220	6.4	20.4
9 28	0 13.98	−21 21.3	2.275	3.219	7.1	20.4
10 8	0 6.94	−21 56.1	2.315	3.218	9.0	20.6
10 18	0 0.78	−22 9.4	2.379	3.217	11.2	20.7
10 28	23 56.10	−22 1.2	2.465	3.216	13.3	20.9

398818 2013 BX_{56} 9 26.9 247°.25 2°.2/24.7 18

8 19	0 38.21	− 1 26.6	2.004	2.836	13.9	22.1
8 29	0 34.60	− 2 12.0	1.921	2.830	10.8	21.9
9 8	0 29.00	− 3 7.4	1.860	2.825	7.2	21.6
9 18	0 21.85	− 4 8.2	1.824	2.819	3.6	21.4
9 28	0 13.91	− 5 8.1	1.816	2.813	2.6	21.3
10 8	0 6.08	− 6 0.7	1.836	2.807	6.0	21.5
10 18	23 59.22	− 6 40.7	1.883	2.801	9.7	21.7
10 28	23 54.07	− 7 4.3	1.954	2.794	13.0	21.9

233991 1995 WU_{23} 9 26.9 228°.42 0°.9/26.1 18

8 19	0 40.49	+ 1 18.7	1.903	2.726	14.9	20.9
8 29	0 36.50	+ 0 54.3	1.819	2.722	11.7	20.7
9 8	0 30.35	+ 0 18.4	1.757	2.718	7.9	20.5
9 18	0 22.53	− 0 25.4	1.719	2.714	3.7	20.2
9 28	0 13.83	− 1 11.9	1.709	2.710	1.3	20.0
10 8	0 5.26	− 1 54.8	1.726	2.705	5.3	20.3
10 18	23 57.74	− 2 28.9	1.771	2.700	9.4	20.5
10 28	23 52.08	− 2 49.8	1.840	2.695	13.0	20.7

3794 Sthenelos 9 26.9 348°.97 0°.7/28.1 18

8 19	0 31.88	+ 5 51.4	3.678	4.467	9.0	17.1
8 29	0 28.73	+ 5 44.0	3.583	4.464	7.1	16.9
9 8	0 24.53	+ 5 29.3	3.513	4.460	4.9	16.8
9 18	0 19.55	+ 5 8.6	3.468	4.457	2.6	16.6
9 28	0 14.19	+ 4 43.9	3.454	4.455	0.7	16.5
10 8	0 8.87	+ 4 17.7	3.469	4.452	2.6	16.6
10 18	0 4.03	+ 3 52.6	3.513	4.450	4.9	16.8
10 28	0 0.04	+ 3 31.2	3.585	4.448	7.1	16.9

520164 2014 CA_{26} 9 26.9 41°.77 4°.8/23.4 18

8 19	0 43.49	− 8 46.7	1.587	2.437	16.1	21.1
8 29	0 39.10	− 9 20.5	1.525	2.442	12.6	20.9
9 8	0 32.19	− 9 57.8	1.483	2.448	8.7	20.7
9 18	0 23.39	−10 32.0	1.465	2.453	5.4	20.5
9 28	0 13.75	−10 56.1	1.473	2.459	5.3	20.5
10 8	0 4.45	−11 4.4	1.507	2.466	8.4	20.7
10 18	23 56.60	−10 54.0	1.566	2.472	12.1	21.0
10 28	23 51.00	−10 24.5	1.647	2.479	15.5	21.2

436405 2010 XE_{31} 9 26.9 293°.77 1°.5/24.0 18

8 19	0 30.64	− 4 36.4	4.346	5.167	7.2	21.5
8 29	0 27.58	− 5 5.1	4.261	5.165	5.5	21.4
9 8	0 23.65	− 5 36.6	4.201	5.164	3.7	21.2
9 18	0 19.10	− 6 9.0	4.170	5.162	1.9	21.1
9 28	0 14.25	− 6 39.7	4.168	5.161	1.7	21.1
10 8	0 9.46	− 7 6.4	4.196	5.159	3.3	21.2
10 18	0 5.06	− 7 27.1	4.253	5.157	5.1	21.3
10 28	0 1.38	− 7 40.4	4.337	5.156	6.8	21.5

455085 2015 UX_{58} 9 26.9 251°.55 2°.7/23.4 17

8 19	0 35.29	− 3 50.3	2.402	3.236	11.8	22.1
8 29	0 31.98	− 4 50.7	2.319	3.231	9.1	21.9
9 8	0 27.03	− 5 58.6	2.260	3.226	6.1	21.7
9 18	0 20.85	− 7 9.2	2.228	3.220	3.4	21.5
9 28	0 14.05	− 8 16.6	2.224	3.215	3.2	21.5
10 8	0 7.34	− 9 15.2	2.249	3.210	5.9	21.7
10 18	0 1.41	−10 0.4	2.301	3.204	8.9	21.8
10 28	23 56.86	−10 29.4	2.378	3.199	11.7	22.0

443026 2013 EY_{23} 9 26.9 283°.66 2°.9/23.7 18

8 19	0 35.94	− 2 14.5	1.957	2.797	13.9	21.5
8 29	0 32.98	− 3 21.3	1.868	2.782	10.8	21.3
9 8	0 27.99	− 4 39.6	1.801	2.768	7.2	21.0
9 18	0 21.42	− 6 3.9	1.759	2.753	3.8	20.8
9 28	0 13.98	− 7 26.6	1.745	2.739	3.5	20.7
10 8	0 6.58	− 8 39.9	1.759	2.724	6.8	20.9
10 18	0 0.11	− 9 37.2	1.799	2.709	10.5	21.1
10 28	23 55.33	−10 14.5	1.863	2.695	13.9	21.3

23235 Yingfan 9 26.9 330.°50 2.°1/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 37.19	− 0 31.0	1.458	2.309	17.2	18.0
8 29	0 34.62	− 1 5.2	1.379	2.299	13.4	17.8
9 8	0 29.46	− 1 52.8	1.320	2.289	9.1	17.5
9 18	0 22.23	− 2 49.0	1.284	2.280	4.4	17.2
9 28	0 13.88	− 3 45.9	1.272	2.271	2.6	17.1
10 8	0 5.65	− 4 35.1	1.286	2.263	7.0	17.3
10 18	23 58.70	− 5 9.5	1.325	2.256	11.8	17.6
10 28	23 54.02	− 5 24.6	1.385	2.249	16.0	17.8

458432 2011 AG_{43} 9 26.9 77.°59 18.°1/10.5 17

8 19	0 52.74	+33 13.2	1.167	1.862	28.9	20.7
8 29	0 48.76	+36 4.8	1.109	1.872	26.5	20.5
9 8	0 40.37	+38 23.7	1.063	1.883	23.9	20.3
9 18	0 28.00	+39 56.8	1.030	1.893	21.3	20.2
9 28	0 13.17	+40 32.7	1.014	1.903	19.2	20.1
10 8	23 58.30	+40 9.3	1.016	1.914	18.1	20.1
10 18	23 45.81	+38 54.5	1.037	1.924	18.5	20.1
10 28	23 37.53	+37 5.5	1.075	1.934	19.9	20.3

35272 1996 RH_{10} 9 26.9 226.°80 1.°5/23.5 18

8 19	0 29.29	− 4 34.9	4.653	5.475	6.7	19.5
8 29	0 26.50	− 5 18.3	4.566	5.471	5.1	19.4
9 8	0 22.92	− 6 4.8	4.505	5.467	3.4	19.3
9 18	0 18.75	− 6 52.2	4.472	5.463	1.9	19.2
9 28	0 14.31	− 7 37.9	4.469	5.460	1.8	19.2
10 8	0 9.90	− 8 19.5	4.497	5.456	3.3	19.3
10 18	0 5.85	− 8 54.7	4.554	5.452	5.0	19.4
10 28	0 2.45	− 9 22.0	4.638	5.448	6.6	19.5

246860 2010 JK_{155} 9 26.9 273.°52 1.°0/26.0 18

8 19	0 38.78	+ 1 45.3	1.839	2.667	15.1	21.0
8 29	0 35.34	+ 1 13.1	1.749	2.655	11.9	20.8
9 8	0 29.68	+ 0 27.9	1.680	2.643	8.1	20.5
9 18	0 22.26	− 0 26.8	1.636	2.631	3.8	20.2
9 28	0 13.89	− 1 24.9	1.619	2.619	1.4	20.0
10 8	0 5.56	− 2 19.7	1.629	2.607	5.6	20.3
10 18	23 58.26	− 3 4.6	1.666	2.595	9.9	20.5
10 28	23 52.83	− 3 34.8	1.726	2.583	13.7	20.7

367471 2009 DD_{50} 9 26.9 86.°50 0.°5/27.4 17

8 19	0 41.97	+ 5 51.4	1.378	2.207	19.2	21.3
8 29	0 38.33	+ 5 29.5	1.313	2.216	15.2	21.1
9 8	0 31.90	+ 4 48.4	1.266	2.225	10.5	20.8
9 18	0 23.35	+ 3 51.6	1.241	2.235	5.2	20.5
9 28	0 13.79	+ 2 46.0	1.242	2.244	0.6	20.2
10 8	0 4.56	+ 1 40.8	1.269	2.253	5.8	20.6
10 18	23 56.89	+ 0 44.3	1.321	2.262	10.8	21.0
10 28	23 51.71	+ 0 3.4	1.395	2.271	15.1	21.2

252772 2002 EC_{103} 9 26.9 36.°67 0.°4/27.2 17

8 19	0 44.42	+ 2 38.1	1.154	2.002	21.0	19.5
8 29	0 40.70	+ 2 53.2	1.097	2.011	16.6	19.3
9 8	0 33.74	+ 2 53.0	1.056	2.021	11.4	19.0
9 18	0 24.29	+ 2 40.1	1.037	2.032	5.6	18.8
9 28	0 13.68	+ 2 20.0	1.041	2.043	0.6	18.5
10 8	0 3.54	+ 1 59.9	1.070	2.055	6.4	18.9
10 18	23 55.30	+ 1 46.4	1.123	2.068	11.9	19.2
10 28	23 49.98	+ 1 44.8	1.196	2.081	16.5	19.6

319251 2006 AM_{71} 9 26.9 347.°90 2.°5/24.4 18

8 19	0 34.84	− 1 50.6	1.884	2.727	14.2	20.0
8 29	0 32.10	− 2 40.2	1.806	2.723	11.0	19.7
9 8	0 27.36	− 3 40.2	1.751	2.718	7.4	19.5
9 18	0 21.09	− 4 45.2	1.720	2.715	3.7	19.3
9 28	0 14.05	− 5 48.6	1.716	2.712	2.9	19.2
10 8	0 7.15	− 6 43.5	1.739	2.709	6.3	19.5
10 18	0 1.24	− 7 24.2	1.788	2.707	10.0	19.7
10 28	23 57.05	− 7 47.3	1.860	2.705	13.4	19.9

70783 Kenwilliams 9 26.9 327.°03 0.°5/27.4 18

8 19	0 38.91	+ 4 14.5	1.544	2.375	17.4	18.5
8 29	0 35.89	+ 4 13.9	1.459	2.364	13.8	18.3
9 8	0 30.31	+ 3 58.5	1.393	2.354	9.6	18.0
9 18	0 22.66	+ 3 30.5	1.350	2.344	4.9	17.7
9 28	0 13.87	+ 2 54.4	1.333	2.335	0.6	17.4
10 8	0 5.13	+ 2 16.8	1.341	2.326	5.5	17.7
10 18	23 57.62	+ 1 44.4	1.375	2.318	10.3	18.0
10 28	23 52.33	+ 1 23.2	1.432	2.310	14.6	18.2

513307 2007 CA_{66} 9 26.9 156.°63 2.°0/24.2 18

8 19	0 37.17	− 3 12.6	2.946	3.764	10.3	22.6
8 29	0 33.02	− 3 59.3	2.869	3.771	7.9	22.4
9 8	0 27.52	− 4 51.5	2.816	3.778	5.3	22.3
9 18	0 21.03	− 5 45.7	2.792	3.785	2.7	22.1
9 28	0 14.08	− 6 37.7	2.797	3.791	2.3	22.1
10 8	0 7.26	− 7 23.2	2.833	3.796	4.6	22.3
10 18	0 1.13	− 7 59.1	2.897	3.801	7.2	22.4
10 28	23 56.16	− 8 23.0	2.987	3.806	9.6	22.6

47629 2000 CR_4 9 26.9 234.°62 1.°5/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 39.00	+ 8 19.3	1.965	2.764	15.3	19.7
8 29	0 35.33	+ 8 8.0	1.877	2.761	12.3	19.5
9 8	0 29.57	+ 7 40.9	1.809	2.757	8.8	19.3
9 18	0 22.18	+ 6 59.7	1.766	2.754	4.8	19.0
9 28	0 13.94	+ 6 8.2	1.750	2.750	1.6	18.8
10 8	0 5.79	+ 5 12.3	1.762	2.746	4.4	19.0
10 18	23 58.63	+ 4 18.3	1.801	2.742	8.4	19.2
10 28	23 53.26	+ 3 32.3	1.865	2.738	12.0	19.5

403390 2009 QD_{46} 9 26.9 21.°29 1.°6/28.4 18

8 19	0 40.30	+ 6 40.8	2.054	2.854	14.7	20.5
8 29	0 36.19	+ 6 53.8	1.972	2.856	11.8	20.3
9 8	0 30.05	+ 6 54.6	1.911	2.859	8.3	20.1
9 18	0 22.38	+ 6 44.3	1.874	2.862	4.6	19.8
9 28	0 13.93	+ 6 25.5	1.865	2.865	1.6	19.6
10 8	0 5.61	+ 6 2.5	1.885	2.869	4.2	19.8
10 18	23 58.30	+ 5 39.8	1.931	2.873	8.0	20.1
10 28	23 52.72	+ 5 21.9	2.003	2.877	11.3	20.3

365374 2009 TJ_{43} 9 26.9 66.°01 3.°4/23.5 18

8 19	0 39.52	− 7 23.4	2.236	3.071	12.5	20.8
8 29	0 35.28	− 7 57.2	2.167	3.078	9.7	20.7
9 8	0 29.24	− 8 34.6	2.122	3.085	6.6	20.5
9 18	0 21.91	− 9 10.8	2.102	3.092	3.9	20.3
9 28	0 13.99	− 9 40.9	2.111	3.099	3.8	20.3
10 8	0 6.28	−10 0.4	2.148	3.106	6.3	20.5
10 18	23 59.54	−10 6.5	2.212	3.113	9.3	20.7
10 28	23 54.38	− 9 57.9	2.300	3.120	12.0	20.9

215385 2002 CN_{57} 9 26.9 200.°22 1.°0/26.1 18

8 19	0 41.70	+ 2 58.6	1.653	2.478	16.7	21.5
8 29	0 37.82	+ 2 15.0	1.572	2.476	13.1	21.2
9 8	0 31.46	+ 1 15.3	1.511	2.473	8.9	21.0
9 18	0 23.15	+ 0 3.9	1.474	2.469	4.2	20.7
9 28	0 13.84	− 1 11.9	1.465	2.465	1.4	20.5
10 8	0 4.66	− 2 23.5	1.482	2.461	6.0	20.8
10 18	23 56.73	− 3 23.3	1.526	2.456	10.6	21.0
10 28	23 50.94	− 4 5.5	1.594	2.451	14.6	21.3

425614 2010 VW_{29} 9 26.9 311.°79 6.°9/22.5 18

8 19	0 41.89	−10 14.7	1.220	2.090	18.6	20.5
8 29	0 39.04	−11 2.7	1.142	2.071	14.8	20.2
9 8	0 32.94	−11 56.4	1.083	2.052	10.7	19.9
9 18	0 24.10	−12 46.5	1.046	2.033	7.3	19.7
9 28	0 13.72	−13 21.7	1.031	2.015	7.6	19.6
10 8	0 3.38	−13 33.0	1.040	1.997	11.4	19.8
10 18	23 54.66	−13 15.5	1.070	1.981	16.0	20.0
10 28	23 48.83	−12 29.1	1.120	1.965	20.3	20.2

374810 2006 UY_{65} 9 26.9 330.°52 8.°0/21.7 18

8 19	0 36.81	−11 7.4	1.066	1.954	19.4	20.1
8 29	0 35.42	−12 4.2	0.994	1.932	15.5	19.8
9 8	0 30.67	−13 6.8	0.939	1.910	11.4	19.5
9 18	0 23.07	−14 4.5	0.903	1.890	8.3	19.2
9 28	0 13.84	−14 44.3	0.890	1.872	8.9	19.2
10 8	0 4.66	−14 55.4	0.897	1.854	12.8	19.4
10 18	23 57.18	−14 32.9	0.924	1.839	17.5	19.6
10 28	23 52.73	−13 36.8	0.969	1.824	21.9	19.8

42343 2002 AB_{63} 9 26.9 51.°98 0.°0/26.9 18

8 19	0 35.97	+ 5 8.2	2.106	2.919	14.0	19.5
8 29	0 32.73	+ 4 30.6	2.026	2.922	11.0	19.3
9 8	0 27.65	+ 3 39.3	1.967	2.925	7.5	19.1
9 18	0 21.20	+ 2 37.4	1.934	2.928	3.6	18.9
9 28	0 14.08	+ 1 30.3	1.929	2.931	0.4	18.7
10 8	0 7.10	+ 0 24.2	1.952	2.934	4.4	19.0
10 18	0 1.03	− 0 34.9	2.003	2.937	8.2	19.2
10 28	23 56.55	− 1 22.0	2.079	2.940	11.5	19.4

349803 2009 BL_{99} 9 26.9 229.°64 5.°7/20.3 18

8 19	0 37.79	−10 40.0	1.986	2.835	13.3	20.8
8 29	0 34.34	−12 10.5	1.914	2.830	10.4	20.6
9 8	0 28.85	−13 45.5	1.865	2.825	7.6	20.5
9 18	0 21.82	−15 17.1	1.842	2.820	5.8	20.3
9 28	0 14.00	−16 36.9	1.846	2.814	6.5	20.4
10 8	0 6.33	−17 37.6	1.878	2.808	9.1	20.5
10 18	23 59.65	−18 15.0	1.934	2.802	12.1	20.7
10 28	23 54.72	−18 27.8	2.012	2.796	14.8	20.9

144038 2004 BT_{24} 9 26.9 125.°34 0.°0/26.9 17

8 19	0 42.31	+ 4 50.2	1.726	2.541	16.5	20.9
8 29	0 38.02	+ 4 19.1	1.655	2.552	13.0	20.7
9 8	0 31.40	+ 3 32.4	1.606	2.563	8.9	20.5
9 18	0 23.05	+ 2 34.0	1.581	2.574	4.3	20.2
9 28	0 13.89	+ 1 29.8	1.582	2.584	0.5	20.0
10 8	0 5.01	+ 0 27.4	1.612	2.594	5.2	20.3
10 18	23 57.40	− 0 26.5	1.669	2.603	9.5	20.6
10 28	23 51.85	− 1 6.5	1.750	2.612	13.2	20.9

301316 2009 BR_{150} 9 26.9 359°.27 4°.5/ 1.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 38.44	+14 52.7	1.752	2.532	17.6	20.7
8 29	0 35.23	+15 8.4	1.669	2.531	14.7	20.5
9 8	0 29.70	+15 3.4	1.603	2.531	11.2	20.2
9 18	0 22.32	+14 37.1	1.560	2.530	7.5	20.0
9 28	0 13.96	+13 51.4	1.542	2.531	4.7	19.9
10 8	0 5.71	+12 52.0	1.550	2.531	5.5	19.9
10 18	23 58.60	+11 46.3	1.584	2.531	8.8	20.1
10 28	23 53.51	+10 42.5	1.643	2.532	12.5	20.3

6792 Akiyamatakashi 9 26.9 356°.23 4°.6/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 31.33	− 4 24.3	0.921	1.818	20.9	15.2
8 29	0 31.17	− 5 0.8	0.864	1.809	16.3	14.9
9 8	0 27.71	− 5 50.2	0.823	1.803	11.1	14.6
9 18	0 21.56	− 6 43.8	0.802	1.798	6.0	14.4
9 28	0 14.05	− 7 30.0	0.801	1.796	5.3	14.3
10 8	0 6.84	− 7 57.7	0.820	1.797	10.0	14.6
10 18	0 1.46	− 8 0.2	0.860	1.799	15.4	14.9
10 28	23 59.03	− 7 35.2	0.917	1.804	20.1	15.2

92173 1999 XM_{185} 9 26.9 315°.70 7°.1/20.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 42.41	−18 36.6	2.091	2.932	13.1	19.0
8 29	0 37.82	−19 23.7	2.021	2.925	10.6	18.8
9 8	0 31.13	−20 6.9	1.974	2.918	8.4	18.7
9 18	0 22.89	−20 39.4	1.951	2.911	7.2	18.6
9 28	0 13.91	−20 54.9	1.955	2.904	7.7	18.6
10 8	0 5.15	−20 49.5	1.985	2.897	9.7	18.7
10 18	23 57.51	−20 21.8	2.039	2.891	12.2	18.9
10 28	23 51.69	−19 33.0	2.116	2.885	14.6	19.0

257413 2009 UB_{61} 9 26.9 272°.90 2°.0/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 31.76	− 7 43.1	4.307	5.132	7.2	20.1
8 29	0 28.47	− 8 10.2	4.221	5.127	5.5	20.0
9 8	0 24.29	− 8 39.1	4.161	5.121	3.8	19.9
9 18	0 19.46	− 9 7.3	4.128	5.116	2.3	19.8
9 28	0 14.32	− 9 32.6	4.126	5.111	2.3	19.8
10 8	0 9.23	− 9 52.5	4.153	5.106	3.7	19.9
10 18	0 4.55	−10 5.5	4.209	5.101	5.5	20.0
10 28	0 0.60	−10 10.1	4.291	5.096	7.1	20.1

166925 2003 FN_{127} 9 26.9 57°.76 0°.5/26.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 47.15	+ 1 49.1	1.127	1.974	21.4	19.9
8 29	0 42.63	+ 1 46.9	1.082	1.996	16.8	19.7
9 8	0 34.87	+ 1 29.2	1.054	2.019	11.3	19.4
9 18	0 24.75	+ 1 0.4	1.047	2.043	5.4	19.2
9 28	0 13.73	+ 0 27.5	1.064	2.066	0.9	19.0
10 8	0 3.43	− 0 1.3	1.107	2.090	6.7	19.4
10 18	23 55.21	− 0 19.7	1.173	2.114	11.9	19.8
10 28	23 49.95	− 0 23.2	1.260	2.138	16.3	20.1

227845 2007 DE_{24} 9 26.9 290°.00 0°.9/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 38.30	+ 2 55.8	1.540	2.376	17.1	20.8
8 29	0 35.49	+ 2 20.2	1.450	2.361	13.6	20.6
9 8	0 30.11	+ 1 27.4	1.381	2.345	9.3	20.3
9 18	0 22.62	+ 0 21.4	1.334	2.330	4.4	20.0
9 28	0 13.94	− 0 50.7	1.313	2.314	1.3	19.7
10 8	0 5.25	− 2 0.1	1.319	2.299	6.3	20.0
10 18	23 57.76	− 2 58.1	1.349	2.284	11.3	20.2
10 28	23 52.47	− 3 38.3	1.402	2.269	15.6	20.5

19317 1996 WS_{1} 9 26.9 270°.84 2°.6/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 39.11	+10 51.2	1.781	2.576	16.8	18.8
8 29	0 35.72	+10 48.5	1.692	2.571	13.7	18.6
9 8	0 30.01	+10 27.1	1.624	2.566	10.0	18.3
9 18	0 22.48	+ 9 47.7	1.578	2.561	6.0	18.1
9 28	0 13.97	+ 8 53.7	1.558	2.556	2.7	17.9
10 8	0 5.52	+ 7 51.5	1.566	2.551	4.8	18.0
10 18	23 58.17	+ 6 48.3	1.600	2.546	8.9	18.3
10 28	23 52.80	+ 5 51.8	1.659	2.541	12.8	18.5

13013 1987 SP_{12} 9 26.9 352°.94 0°.1/27.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 32.13	+ 4 32.5	1.526	2.369	16.9	17.0
8 29	0 30.53	+ 4 10.6	1.448	2.361	13.4	16.7
9 8	0 26.61	+ 3 31.8	1.389	2.353	9.2	16.5
9 18	0 20.86	+ 2 39.4	1.352	2.347	4.5	16.2
9 28	0 14.15	+ 1 39.6	1.341	2.343	0.5	15.9
10 8	0 7.56	+ 0 40.3	1.355	2.339	5.5	16.2
10 18	0 2.12	− 0 10.8	1.393	2.337	10.1	16.5
10 28	23 58.69	− 0 47.3	1.455	2.337	14.2	16.8

22617 Vidphananu 9 26.9 150°.25 0°.1/27.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 41.91	+ 5 40.0	1.784	2.595	16.2	20.0
8 29	0 37.69	+ 5 1.6	1.709	2.603	12.8	19.8
9 8	0 31.20	+ 4 6.7	1.654	2.610	8.8	19.6
9 18	0 22.98	+ 2 59.1	1.624	2.617	4.3	19.3
9 28	0 13.93	+ 1 44.9	1.621	2.623	0.4	19.0
10 8	0 5.11	+ 0 31.9	1.647	2.628	5.1	19.4
10 18	23 57.49	− 0 32.6	1.699	2.633	9.4	19.7
10 28	23 51.87	− 1 22.7	1.777	2.638	13.1	19.9

233116 2005 SZ_{232} 9 26.9 263°.11 0°.2/27.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 40.19	+ 4 50.3	1.749	2.567	16.2	21.8
8 29	0 36.66	+ 4 28.9	1.655	2.553	12.9	21.6
9 8	0 30.73	+ 3 51.8	1.582	2.539	8.9	21.3
9 18	0 22.88	+ 3 1.6	1.532	2.525	4.4	21.0
9 28	0 13.93	+ 2 3.4	1.509	2.511	0.5	20.7
10 8	0 4.98	+ 1 4.3	1.514	2.497	5.3	21.0
10 18	23 57.11	+ 0 11.5	1.545	2.482	9.9	21.3
10 28	23 51.25	− 0 28.5	1.600	2.467	14.0	21.5

259833 2004 CZ_{26} 9 26.9 243°.68 0°.6/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 37.65	+ 3 7.0	2.126	2.943	13.7	20.8
8 29	0 34.13	+ 2 27.3	2.035	2.934	10.8	20.6
9 8	0 28.70	+ 1 34.7	1.965	2.925	7.3	20.3
9 18	0 21.78	+ 0 32.6	1.921	2.916	3.5	20.1
9 28	0 14.07	− 0 33.7	1.905	2.906	1.0	19.9
10 8	0 6.42	− 1 37.7	1.918	2.897	4.9	20.1
10 18	23 59.65	− 2 33.4	1.958	2.887	8.7	20.4
10 28	23 54.48	− 3 16.1	2.023	2.877	12.1	20.6

6937 Valadon 9 26.9 199°.06 1°.3/28.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 36.11	+ 9 29.6	2.489	3.273	12.9	17.7
8 29	0 32.61	+ 8 58.6	2.396	3.271	10.3	17.5
9 8	0 27.48	+ 8 13.1	2.325	3.269	7.3	17.3
9 18	0 21.13	+ 7 15.1	2.280	3.267	4.0	17.1
9 28	0 14.15	+ 6 8.3	2.264	3.264	1.3	16.9
10 8	0 7.25	+ 4 58.1	2.277	3.261	3.6	17.1
10 18	0 1.11	+ 3 50.0	2.319	3.258	6.9	17.3
10 28	23 56.34	+ 2 49.3	2.387	3.255	10.0	17.5

326854 2003 UY_{185} 9 26.9 307°.82 4°.9/23.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 43.07	− 7 9.5	1.343	2.202	17.9	20.3
8 29	0 39.50	− 7 48.6	1.270	2.193	14.1	20.0
9 8	0 32.95	− 8 34.9	1.217	2.185	9.8	19.8
9 18	0 24.01	− 9 21.0	1.186	2.177	5.8	19.5
9 28	0 13.82	− 9 57.8	1.180	2.170	5.5	19.5
10 8	0 3.82	−10 17.2	1.198	2.162	9.3	19.7
10 18	23 55.39	−10 14.6	1.240	2.155	13.8	19.9
10 28	23 49.58	− 9 48.6	1.302	2.149	17.9	20.2

460500 2014 SN_{316} 9 26.9 339°.59 5°.5/21.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 38.30	−13 19.4	2.109	2.957	12.7	20.3
8 29	0 34.60	−14 2.0	2.035	2.948	10.1	20.1
9 8	0 28.96	−14 44.7	1.983	2.941	7.4	20.0
9 18	0 21.87	−15 21.5	1.956	2.933	5.6	19.8
9 28	0 14.07	−15 46.6	1.956	2.927	6.0	19.9
10 8	0 6.43	−15 55.3	1.983	2.920	8.3	20.0
10 18	23 59.76	−15 45.4	2.035	2.914	11.0	20.2
10 28	23 54.76	−15 16.6	2.110	2.909	13.7	20.3

203428 2001 XP_{263} 9 26.9 333°.36 7°.4/17.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 37.04	−21 29.2	2.422	3.264	11.5	19.8
8 29	0 33.40	−22 42.3	2.361	3.260	9.5	19.7
9 8	0 28.03	−23 50.6	2.324	3.256	8.0	19.6
9 18	0 21.38	−24 47.5	2.312	3.252	7.4	19.5
9 28	0 14.14	−25 27.0	2.326	3.249	8.2	19.6
10 8	0 7.06	−25 45.1	2.366	3.245	9.8	19.7
10 18	0 0.89	−25 40.6	2.429	3.242	11.8	19.8
10 28	23 56.21	−25 14.0	2.513	3.239	13.7	19.9

342092 2008 SL_{54} 9 26.9 359°.82 0°.4/26.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 36.72	+ 1 7.3	1.108	1.975	20.4	20.9
8 29	0 34.94	+ 1 17.8	1.044	1.971	16.1	20.6
9 8	0 30.04	+ 1 13.8	0.997	1.968	11.0	20.4
9 18	0 22.65	+ 0 58.8	0.970	1.967	5.3	20.0
9 28	0 13.99	+ 0 38.7	0.966	1.968	0.9	19.7
10 8	0 5.58	+ 0 21.1	0.985	1.970	6.8	20.1
10 18	23 58.86	+ 0 12.6	1.026	1.974	12.3	20.5
10 28	23 54.92	+ 0 18.4	1.087	1.980	17.1	20.8

341842 2008 DG_{79} 9 26.9 235°.55 1°.4/24.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 34.81	− 2 50.3	3.482	4.297	8.9	21.5
8 29	0 31.07	− 3 15.4	3.389	4.290	6.9	21.3
9 8	0 26.18	− 3 44.9	3.321	4.282	4.6	21.2
9 18	0 20.43	− 4 16.5	3.280	4.274	2.3	21.0
9 28	0 14.25	− 4 47.2	3.270	4.266	1.6	20.9
10 8	0 8.13	− 5 13.9	3.289	4.258	3.7	21.1
10 18	0 2.52	− 5 34.3	3.337	4.250	6.1	21.2
10 28	23 57.85	− 5 46.1	3.412	4.241	8.3	21.4

283627 2002 CK_{230} 9 26.9 147°.07 1°.3/25.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 40.39	+ 1 11.3	2.240	3.054	13.2	22.0
8 29	0 35.98	+ 0 22.5	2.165	3.064	10.3	21.9
9 8	0 29.76	− 0 36.7	2.114	3.074	6.9	21.7
9 18	0 22.22	− 1 42.3	2.089	3.083	3.2	21.5
9 28	0 14.06	− 2 48.6	2.093	3.092	1.6	21.4
10 8	0 6.10	− 3 49.6	2.126	3.100	5.0	21.6
10 18	23 59.08	− 4 40.2	2.188	3.107	8.4	21.8
10 28	23 53.65	− 5 16.9	2.275	3.114	11.5	22.1

96522 1998 RK_{23} 9 26.9 31°.00 0°.7/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 37.49	+ 1 53.1	1.851	2.680	15.0	19.2
8 29	0 34.11	+ 1 31.2	1.783	2.689	11.7	19.0
9 8	0 28.68	+ 0 57.8	1.736	2.699	7.9	18.8
9 18	0 21.75	+ 0 16.6	1.714	2.709	3.7	18.6
9 28	0 14.11	− 0 27.2	1.718	2.720	1.0	18.4
10 8	0 6.71	− 1 7.6	1.750	2.731	5.0	18.7
10 18	0 0.41	− 1 39.5	1.809	2.742	9.0	19.0
10 28	23 55.89	− 1 59.0	1.891	2.754	12.4	19.2

286880 2002 OF_{28} 9 26.9 90°.40 7°.2/ 4.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 41.80	+21 50.4	1.940	2.666	17.8	20.5
8 29	0 37.80	+22 38.9	1.854	2.669	15.4	20.3
9 8	0 31.44	+23 6.0	1.786	2.672	12.6	20.1
9 18	0 23.20	+23 8.8	1.740	2.675	9.8	20.0
9 28	0 13.96	+22 46.8	1.717	2.678	7.6	19.9
10 8	0 4.77	+22 2.8	1.721	2.681	7.4	19.9
10 18	23 56.70	+21 3.1	1.750	2.684	9.2	20.0
10 28	23 50.65	+19 56.0	1.805	2.687	11.9	20.2

212694 2007 PT_{11} 9 26.9 349°.53 0°.3/27.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 32.79	+ 3 46.9	4.019	4.810	8.2	19.6
8 29	0 29.35	+ 3 42.2	3.925	4.809	6.5	19.5
9 8	0 24.94	+ 3 31.7	3.856	4.807	4.4	19.3
9 18	0 19.82	+ 3 16.8	3.815	4.806	2.2	19.2
9 28	0 14.35	+ 2 59.1	3.803	4.804	0.3	19.0
10 8	0 8.93	+ 2 41.0	3.821	4.803	2.5	19.2
10 18	0 3.94	+ 2 24.6	3.869	4.802	4.6	19.3
10 28	23 59.75	+ 2 11.9	3.945	4.801	6.6	19.5

92902 2000 RF_5 9 26.9 14°.72 10°.2/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 46.36	−19 23.1	1.114	1.986	19.9	18.1
8 29	0 42.29	−19 54.8	1.070	1.992	16.2	17.9
9 8	0 34.78	−20 17.0	1.044	1.999	12.7	17.7
9 18	0 24.77	−20 19.4	1.038	2.008	10.4	17.7
9 28	0 13.81	−19 53.4	1.054	2.019	10.7	17.7
10 8	0 3.62	−18 56.1	1.093	2.030	13.3	17.9
10 18	23 55.60	−17 30.2	1.152	2.044	16.7	18.2
10 28	23 50.67	−15 41.6	1.231	2.058	19.9	18.4

218088 2002 HT_6 9 26.9 120°.69 0°.2/27.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 40.10	+ 3 31.8	2.468	3.269	12.5	20.3
8 29	0 35.61	+ 3 23.5	2.389	3.277	9.8	20.1
9 8	0 29.45	+ 3 5.8	2.332	3.286	6.7	19.9
9 18	0 22.07	+ 2 41.0	2.302	3.294	3.3	19.7
9 28	0 14.10	+ 2 12.3	2.300	3.302	0.3	19.5
10 8	0 6.30	+ 1 43.6	2.328	3.310	3.8	19.8
10 18	23 59.34	+ 1 18.9	2.385	3.318	7.1	20.0
10 28	23 53.83	+ 1 1.4	2.468	3.325	10.1	20.2

137893 2000 AO_{157} 9 26.9 260°.78 2°.6/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 41.52	+10 23.6	1.774	2.567	16.9	20.4
8 29	0 37.84	+10 22.5	1.670	2.548	13.9	20.1
9 8	0 31.67	+10 2.8	1.586	2.529	10.2	19.9
9 18	0 23.42	+ 9 24.6	1.525	2.509	6.0	19.6
9 28	0 13.93	+ 8 30.9	1.491	2.489	2.7	19.3
10 8	0 4.31	+ 7 27.6	1.483	2.468	5.1	19.4
10 18	23 55.73	+ 6 22.5	1.502	2.446	9.5	19.7
10 28	23 49.20	+ 5 23.8	1.546	2.425	13.8	19.9

27164 1999 AH_7 9 26.9 110°.41 1°.6/28.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 37.76	+ 9 11.2	1.999	2.796	15.2	18.6
8 29	0 34.32	+ 8 53.4	1.915	2.797	12.2	18.4
9 8	0 28.86	+ 8 19.1	1.852	2.798	8.7	18.2
9 18	0 21.88	+ 7 30.2	1.813	2.800	4.8	17.9
9 28	0 14.12	+ 6 30.9	1.801	2.801	1.7	17.7
10 8	0 6.49	+ 5 27.1	1.817	2.802	4.3	17.9
10 18	23 59.84	+ 4 25.5	1.861	2.803	8.1	18.2
10 28	23 54.91	+ 3 32.2	1.930	2.804	11.6	18.4

243439 2009 DZ_{112} 9 26.9 26°.54 4°.0/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 34.94	− 0 52.3	0.965	1.848	21.4	19.4
8 29	0 33.65	− 2 8.0	0.920	1.857	16.5	19.1
9 8	0 29.13	− 3 41.9	0.892	1.869	11.0	18.9
9 18	0 22.15	− 5 23.3	0.884	1.881	5.6	18.7
9 28	0 14.10	− 6 57.9	0.899	1.895	4.8	18.7
10 8	0 6.58	− 8 12.4	0.935	1.909	9.6	19.0
10 18	0 0.96	− 8 58.4	0.993	1.925	14.7	19.3
10 28	23 58.17	− 9 13.2	1.070	1.942	19.0	19.7

318381 2004 WB_7 9 26.9 260°.27 2°.1/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 39.97	− 3 50.5	2.385	3.209	12.2	20.8
8 29	0 35.67	− 4 11.2	2.297	3.202	9.5	20.6
9 8	0 29.60	− 4 37.5	2.232	3.195	6.4	20.4
9 18	0 22.19	− 5 5.9	2.194	3.187	3.3	20.1
9 28	0 14.09	− 5 32.1	2.184	3.180	2.4	20.1
10 8	0 6.08	− 5 51.9	2.203	3.173	5.3	20.3
10 18	23 58.91	− 6 2.1	2.250	3.165	8.5	20.4
10 28	23 53.23	− 6 0.2	2.322	3.157	11.4	20.6

201006 2002 CH_{185} 9 26.9 130°.98 0°.0/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 31.35	+ 2 58.1	4.294	5.090	7.7	20.2
8 29	0 28.18	+ 2 42.0	4.203	5.090	6.0	20.1
9 8	0 24.12	+ 2 20.4	4.137	5.091	4.1	20.0
9 18	0 19.42	+ 1 55.0	4.098	5.091	2.0	19.8
9 28	0 14.41	+ 1 27.5	4.090	5.091	0.2	19.7
10 8	0 9.45	+ 1 0.4	4.111	5.092	2.4	19.9
10 18	0 4.89	+ 0 35.7	4.163	5.092	4.5	20.0
10 28	0 1.06	+ 0 15.5	4.242	5.093	6.3	20.2

252823 2002 GW_{70} 9 27.0 126°.16 4°.1/22.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 40.27	−10 14.1	2.362	3.197	11.9	20.3
8 29	0 35.81	−10 54.6	2.292	3.202	9.3	20.1
9 8	0 29.61	−11 36.8	2.247	3.206	6.6	20.0
9 18	0 22.15	−12 15.7	2.228	3.211	4.4	19.9
9 28	0 14.11	−12 46.2	2.237	3.215	4.6	19.9
10 8	0 6.27	−13 4.3	2.274	3.220	6.8	20.0
10 18	23 59.36	−13 7.4	2.338	3.224	9.5	20.2
10 28	23 53.98	−12 54.6	2.426	3.228	12.0	20.4

42187 2001 CS_{32} 9 27.0 90°.58 0°.7/25.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 34.32	− 1 51.9	4.402	5.207	7.4	18.7
8 29	0 30.39	− 1 57.7	4.315	5.209	5.7	18.6
9 8	0 25.57	− 2 6.7	4.254	5.212	3.8	18.5
9 18	0 20.11	− 2 17.4	4.220	5.214	1.8	18.3
9 28	0 14.34	− 2 28.0	4.217	5.217	0.9	18.3
10 8	0 8.64	− 2 36.5	4.245	5.219	2.7	18.4
10 18	0 3.36	− 2 41.4	4.303	5.222	4.7	18.6
10 28	23 58.83	− 2 41.1	4.389	5.224	6.4	18.7

205436 2001 KV_{55} 9 27.0 67°.42 10°.2/17.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 43.01	−23 50.0	1.741	2.588	15.0	19.6
8 29	0 38.49	−25 25.7	1.711	2.608	12.6	19.5
9 8	0 31.62	−26 51.0	1.702	2.628	10.8	19.4
9 18	0 23.11	−27 56.3	1.717	2.648	10.2	19.4
9 28	0 14.02	−28 34.1	1.756	2.668	11.0	19.5
10 8	0 5.46	−28 41.0	1.819	2.688	12.8	19.7
10 18	23 58.38	−28 17.5	1.902	2.708	14.8	19.9
10 28	23 53.47	−27 27.4	2.005	2.728	16.8	20.1

1663 van den Bos 9 27.0 359°.76 6°.3/22.9 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 35.89	− 7 22.0	0.952	1.845	20.8	14.1
8 29	0 34.68	− 8 14.9	0.898	1.841	16.3	13.9
9 8	0 30.06	− 9 16.9	0.862	1.838	11.3	13.6
9 18	0 22.72	−10 17.5	0.844	1.837	7.1	13.4
9 28	0 14.05	−11 4.1	0.848	1.838	7.1	13.4
10 8	0 5.77	−11 26.2	0.873	1.840	11.3	13.6
10 18	23 59.43	−11 18.9	0.917	1.844	16.2	13.9
10 28	23 56.12	−10 42.0	0.980	1.849	20.6	14.2

382532 2001 TA_{53} 9 27.0 345°.71 0°.2/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 33.80	+ 3 48.0	1.156	2.017	20.0	20.3
8 29	0 32.64	+ 3 33.3	1.082	2.006	15.9	20.0
9 8	0 28.53	+ 2 58.7	1.026	1.996	11.0	19.7
9 18	0 21.99	+ 2 7.7	0.991	1.987	5.4	19.4
9 28	0 14.12	+ 1 7.8	0.978	1.980	0.7	19.1
10 8	0 6.36	+ 0 9.2	0.988	1.974	6.7	19.5
10 18	0 0.11	− 0 38.5	1.021	1.969	12.4	19.8
10 28	23 56.50	− 1 7.6	1.074	1.966	17.3	20.0

481735 2008 GP_{21} 9 27.0 115°.53 9°.9/14.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 49.78	−36 50.4	2.797	3.575	11.8	21.3
8 29	0 42.91	−37 54.9	2.773	3.595	10.7	21.3
9 8	0 34.18	−38 44.6	2.772	3.615	10.0	21.3
9 18	0 24.24	−39 13.7	2.794	3.634	9.9	21.3
9 28	0 13.92	−39 18.1	2.840	3.653	10.4	21.3
10 8	0 4.12	−38 56.7	2.909	3.671	11.4	21.4
10 18	23 55.59	−38 11.0	3.000	3.689	12.4	21.6
10 28	23 48.90	−37 4.2	3.110	3.706	13.4	21.7

517950 2015 TN_{317} 9 27.0 56°.16 0°.4/27.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 35.88	+ 6 24.3	2.093	2.902	14.2	21.7
8 29	0 32.71	+ 5 46.3	2.013	2.906	11.2	21.5
9 8	0 27.69	+ 4 53.5	1.955	2.910	7.7	21.3
9 18	0 21.30	+ 3 49.0	1.922	2.914	3.9	21.1
9 28	0 14.23	+ 2 38.1	1.916	2.918	0.4	20.8
10 8	0 7.31	+ 1 27.2	1.939	2.922	4.3	21.1
10 18	0 1.31	+ 0 22.6	1.990	2.926	8.1	21.4
10 28	23 56.88	− 0 30.4	2.066	2.931	11.4	21.6

23317 2001 BP_{13} 9 27.0 355°.88 3°.2/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 31.80	+ 9 18.9	0.969	1.830	23.0	17.4
8 29	0 31.55	+ 9 37.4	0.904	1.823	18.8	17.1
9 8	0 28.04	+ 9 29.2	0.855	1.818	13.7	16.8
9 18	0 21.84	+ 8 54.5	0.824	1.814	8.0	16.5
9 28	0 14.16	+ 7 58.4	0.813	1.812	3.4	16.3
10 8	0 6.66	+ 6 51.4	0.823	1.812	6.6	16.5
10 18	0 0.91	+ 5 45.7	0.854	1.814	12.3	16.8
10 28	23 58.13	+ 4 52.9	0.905	1.818	17.6	17.1