183839 2004 BQ_{109} 9 4.9 160°.35 1°.0/ 4.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 23.09	− 6 48.9	1.791	2.636	14.9	21.7
8 9	23 18.19	− 7 24.3	1.720	2.641	11.4	21.5
8 19	23 11.08	− 8 11.1	1.670	2.645	7.4	21.3
8 29	23 2.37	− 9 4.5	1.645	2.649	3.0	21.0
9 8	22 52.99	− 9 58.1	1.648	2.653	2.1	20.9
9 18	22 43.97	−10 45.5	1.679	2.656	6.4	21.2
9 28	22 36.30	−11 21.6	1.736	2.658	10.4	21.5
10 8	22 30.74	−11 43.3	1.815	2.660	13.9	21.7

282062 1999 UM_{12} 9 4.9 4°.05 6°.1/10.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 9.38	+11 16.1	1.225	2.049	21.5	19.9
8 9	23 8.57	+11 1.9	1.156	2.048	18.0	19.7
8 19	23 5.25	+10 12.2	1.104	2.049	13.9	19.5
8 29	23 0.05	+ 8 47.1	1.071	2.051	9.5	19.2
9 8	22 53.99	+ 6 52.7	1.060	2.054	6.3	19.1
9 18	22 48.27	+ 4 40.1	1.072	2.059	7.3	19.2
9 28	22 44.10	+ 2 24.1	1.108	2.065	11.2	19.4
10 8	22 42.34	+ 0 18.8	1.165	2.073	15.4	19.7

513354 2007 YQ_{13} 9 4.9 287°.13 3°.1/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 23.23	+ 0 9.0	1.435	2.272	18.3	21.5
8 9	23 19.25	+ 0 32.4	1.340	2.250	14.8	21.2
8 19	23 12.39	+ 0 39.0	1.264	2.229	10.5	20.9
8 29	23 3.17	+ 0 29.0	1.210	2.207	5.8	20.6
9 8	22 52.59	+ 0 5.3	1.181	2.184	3.1	20.4
9 18	22 42.01	− 0 26.9	1.176	2.162	7.0	20.5
9 28	22 32.89	− 1 0.5	1.197	2.140	12.1	20.8
10 8	22 26.40	− 1 28.6	1.238	2.118	16.8	21.0

136598 1993 FJ_{31} 9 4.9 107°.88 2°.2/ 3.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 23.91	− 9 37.7	1.671	2.526	15.3	20.7
8 9	23 18.83	−10 21.9	1.614	2.541	11.6	20.5
8 19	23 11.46	−11 15.4	1.578	2.557	7.4	20.3
8 29	23 2.51	−12 11.8	1.568	2.572	3.3	20.1
9 8	22 52.99	−13 3.9	1.585	2.586	3.1	20.1
9 18	22 43.99	−13 45.6	1.628	2.600	7.1	20.4
9 28	22 36.53	−14 12.5	1.698	2.614	11.1	20.6
10 8	22 31.30	−14 22.7	1.790	2.627	14.4	20.9

347430 2012 TN_{21} 9 4.9 19°.14 0°.3/ 4.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 20.55	− 5 54.5	1.529	2.385	16.4	20.9
8 9	23 16.60	− 6 9.4	1.461	2.388	12.7	20.7
8 19	23 10.22	− 6 37.2	1.413	2.390	8.3	20.4
8 29	23 2.07	− 7 13.5	1.389	2.393	3.4	20.1
9 8	22 53.18	− 7 52.3	1.391	2.397	1.7	20.0
9 18	22 44.69	− 8 27.2	1.418	2.400	6.6	20.4
9 28	22 37.72	− 8 52.7	1.470	2.405	11.0	20.6
10 8	22 33.05	− 9 5.2	1.544	2.409	14.9	20.9

447689 2007 BP_{79} 9 4.9 337°.93 2°.1/ 6.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 20.37	− 1 3.9	1.904	2.731	14.8	21.0
8 9	23 16.10	− 0 45.2	1.819	2.725	11.8	20.8
8 19	23 9.75	− 0 38.9	1.756	2.719	8.2	20.6
8 29	23 1.86	− 0 43.7	1.717	2.714	4.3	20.3
9 8	22 53.26	− 0 56.9	1.705	2.709	2.2	20.2
9 18	22 44.87	− 1 14.6	1.720	2.705	5.3	20.4
9 28	22 37.65	− 1 32.3	1.762	2.701	9.2	20.6
10 8	22 32.35	− 1 45.8	1.827	2.698	12.7	20.8

327079 2004 VW_{35} 9 4.9 215°.72 5°.9/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 19.88	−26 43.3	2.741	3.594	10.1	21.1
8 9	23 15.19	−27 47.8	2.675	3.589	8.1	21.0
8 19	23 8.87	−28 48.6	2.633	3.583	6.5	20.9
8 29	23 1.42	−29 40.2	2.618	3.577	6.0	20.8
9 8	22 53.47	−30 17.4	2.631	3.571	6.8	20.9
9 18	22 45.76	−30 37.0	2.670	3.564	8.5	21.0
9 28	22 39.00	−30 37.7	2.734	3.558	10.5	21.1
10 8	22 33.76	−30 20.1	2.819	3.550	12.4	21.2

233376 2006 DY_{193} 9 4.9 343°.12 0°.4/ 4.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 16.62	− 4 38.5	1.405	2.270	17.1	20.6
8 9	23 13.88	− 5 10.5	1.332	2.263	13.3	20.4
8 19	23 8.62	− 5 59.3	1.278	2.257	8.7	20.1
8 29	23 1.47	− 7 0.2	1.247	2.252	3.6	19.8
9 8	22 53.43	− 8 5.5	1.241	2.247	1.8	19.7
9 18	22 45.69	− 9 6.6	1.260	2.243	7.0	20.0
9 28	22 39.45	− 9 55.9	1.302	2.240	11.9	20.2
10 8	22 35.60	−10 28.1	1.366	2.237	16.1	20.5

203206 2001 DD_{65} 9 4.9 185°.29 1°.7/ 3.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 17.56	− 6 47.7	1.985	2.834	13.5	20.1
8 9	23 13.85	− 8 3.9	1.909	2.834	10.2	19.9
8 19	23 8.22	− 9 32.9	1.856	2.834	6.5	19.7
8 29	23 1.20	−11 8.8	1.829	2.833	2.8	19.5
9 8	22 53.55	−12 43.8	1.831	2.832	2.7	19.5
9 18	22 46.13	−14 10.1	1.861	2.831	6.5	19.7
9 28	22 39.82	−15 21.5	1.917	2.830	10.2	19.9
10 8	22 35.28	−16 14.2	1.998	2.829	13.4	20.1

9754 1990 QJ_4 9 5.0 42°.51 0°.2/ 4.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 19.29	− 3 53.6	1.201	2.070	19.2	17.6
8 9	23 15.96	− 4 30.8	1.154	2.087	14.7	17.3
8 19	23 9.89	− 5 26.5	1.125	2.104	9.5	17.1
8 29	23 1.92	− 6 34.2	1.118	2.123	3.9	16.8
9 8	22 53.30	− 7 44.5	1.136	2.142	1.8	16.8
9 18	22 45.35	− 8 48.1	1.177	2.162	7.3	17.2
9 28	22 39.27	− 9 37.4	1.242	2.182	12.2	17.5
10 8	22 35.81	−10 8.0	1.328	2.202	16.3	17.8

153231 2000 YV_{98} 9 5.0 199°.00 3°.1/ 8.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 18.32	+ 4 47.7	2.512	3.300	12.8	20.3
8 9	23 14.03	+ 4 52.3	2.422	3.298	10.4	20.2
8 19	23 8.16	+ 4 43.1	2.354	3.296	7.6	20.0
8 29	23 1.15	+ 4 20.8	2.311	3.294	4.8	19.8
9 8	22 53.60	+ 3 47.8	2.296	3.292	3.1	19.7
9 18	22 46.20	+ 3 7.6	2.309	3.290	4.5	19.8
9 28	22 39.67	+ 2 24.5	2.350	3.287	7.3	20.0
10 8	22 34.58	+ 1 43.2	2.417	3.285	10.1	20.2

349674 2008 WH_{76} 9 5.0 188°.60 0°.9/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 19.96	− 6 42.7	2.176	3.015	12.8	22.4
8 9	23 15.50	− 7 24.0	2.096	3.015	9.8	22.2
8 19	23 9.21	− 8 15.6	2.039	3.014	6.3	22.0
8 29	23 1.60	− 9 13.0	2.008	3.012	2.6	21.8
9 8	22 53.41	−10 10.9	2.006	3.010	1.9	21.7
9 18	22 45.43	−11 3.8	2.032	3.008	5.6	22.0
9 28	22 38.51	−11 46.8	2.086	3.005	9.1	22.2
10 8	22 33.28	−12 16.8	2.164	3.002	12.2	22.4

18406 1993 FT_{14} 9 5.0 247°.48 1°.4/ 3.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 19.96	− 7 41.6	2.171	3.013	12.7	19.3
8 9	23 15.67	− 8 31.1	2.074	2.995	9.8	19.1
8 19	23 9.45	− 9 31.5	2.001	2.977	6.3	18.9
8 29	23 1.76	−10 38.2	1.954	2.958	2.7	18.6
9 8	22 53.31	−11 45.4	1.935	2.938	2.4	18.5
9 18	22 44.95	−12 46.8	1.946	2.918	6.1	18.7
9 28	22 37.55	−13 37.0	1.983	2.897	9.8	18.9
10 8	22 31.87	−14 12.5	2.044	2.876	13.1	19.1

428351 2007 OT_5 9 5.0 43°.02 4°.0/ 7.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 32.54	− 0 35.5	1.286	2.117	20.3	19.9
8 9	23 25.69	+ 0 37.0	1.243	2.148	16.1	19.7
8 19	23 15.97	+ 1 33.0	1.220	2.180	11.3	19.5
8 29	23 4.37	+ 2 11.7	1.220	2.212	6.5	19.3
9 8	22 52.31	+ 2 35.0	1.244	2.245	4.0	19.3
9 18	22 41.23	+ 2 46.4	1.296	2.278	7.0	19.6
9 28	22 32.37	+ 2 51.1	1.372	2.312	11.2	19.9
10 8	22 26.45	+ 2 54.5	1.470	2.346	14.9	20.2

316626 2011 WT_{90} 9 5.0 216°.16 1°.1/ 7.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 10.65	+ 0 51.8	4.576	5.371	7.3	21.0
8 9	23 7.52	+ 0 38.1	4.482	5.369	5.8	20.9
8 19	23 3.61	+ 0 17.6	4.413	5.367	4.0	20.7
8 29	22 59.16	− 0 8.5	4.372	5.365	2.2	20.6
9 8	22 54.48	− 0 38.6	4.360	5.363	1.1	20.5
9 18	22 49.87	− 1 10.6	4.378	5.361	2.5	20.6
9 28	22 45.68	− 1 42.4	4.425	5.359	4.3	20.8
10 8	22 42.18	− 2 11.9	4.500	5.357	6.0	20.9

283050 2008 FX_{22} 9 5.0 5°.12 7°.3/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 21.15	−24 5.3	1.664	2.540	14.4	19.5
8 9	23 16.97	−24 57.8	1.609	2.540	11.4	19.4
8 19	23 10.39	−25 46.5	1.575	2.541	8.7	19.2
8 29	23 2.12	−26 23.2	1.565	2.543	7.3	19.1
9 8	22 53.23	−26 40.8	1.580	2.545	8.2	19.2
9 18	22 44.86	−26 35.2	1.619	2.549	10.8	19.4
9 28	22 38.08	−26 5.8	1.681	2.553	13.7	19.6
10 8	22 33.61	−25 14.9	1.763	2.557	16.4	19.8

452514 2004 RU_{291} 9 5.0 1°.57 4°.0/ 8.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 18.21	+ 4 29.3	1.873	2.682	15.7	20.6
8 9	23 14.46	+ 4 53.0	1.793	2.681	12.8	20.4
8 19	23 8.70	+ 5 0.1	1.733	2.681	9.4	20.2
8 29	23 1.44	+ 4 50.6	1.696	2.681	6.0	20.0
9 8	22 53.50	+ 4 26.9	1.685	2.681	4.0	19.8
9 18	22 45.79	+ 3 53.1	1.700	2.683	5.7	20.0
9 28	22 39.24	+ 3 14.8	1.742	2.684	9.0	20.2
10 8	22 34.58	+ 2 37.9	1.807	2.687	12.3	20.4

117550 2005 EU_8 9 5.0 354°.47 3°.3/ 2.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 10.57	− 7 17.8	0.954	1.858	20.0	19.1
8 9	23 10.12	− 8 37.7	0.897	1.851	15.3	18.8
8 19	23 6.61	−10 20.7	0.856	1.846	9.8	18.5
8 29	23 0.74	−12 15.9	0.836	1.842	4.4	18.2
9 8	22 53.79	−14 8.1	0.838	1.840	4.9	18.3
9 18	22 47.29	−15 42.4	0.861	1.839	10.5	18.6
9 28	22 42.74	−16 47.7	0.904	1.840	15.9	18.9
10 8	22 41.15	−17 19.7	0.964	1.842	20.6	19.2

513477 2009 DR_{26} 9 5.0 230°.12 0°.6/ 5.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 20.11	− 3 14.8	1.967	2.800	14.2	21.9
8 9	23 15.82	− 3 30.0	1.885	2.797	11.0	21.7
8 19	23 9.54	− 3 57.8	1.824	2.794	7.4	21.5
8 29	23 1.79	− 4 35.2	1.789	2.791	3.3	21.2
9 8	22 53.37	− 5 17.5	1.781	2.787	1.2	21.1
9 18	22 45.17	− 5 59.6	1.800	2.783	5.3	21.3
9 28	22 38.12	− 6 36.2	1.847	2.780	9.3	21.6
10 8	22 32.92	− 7 3.4	1.917	2.776	12.7	21.8

141583 2002 GB_{171} 9 5.0 95°.13 2°.4/ 6.9 17

7 30	23 23.34	+ 1 1.7	1.458	2.290	18.3	20.2
8 9	23 18.75	+ 0 54.6	1.396	2.304	14.5	20.0
8 19	23 11.62	+ 0 27.7	1.353	2.317	10.0	19.7
8 29	23 2.67	− 0 16.1	1.333	2.330	5.2	19.5
9 8	22 53.01	− 1 11.0	1.339	2.343	2.4	19.4
9 18	22 43.86	− 2 9.7	1.370	2.356	6.2	19.6
9 28	22 36.36	− 3 4.4	1.427	2.368	10.7	19.9
10 8	22 31.33	− 3 48.8	1.506	2.380	14.7	20.2

257021 2008 FK_{18} 9 5.0 192°.31 0°.0/ 4.8 18

7 30	23 17.92	− 4 5.8	2.254	3.086	12.6	21.4
8 9	23 13.89	− 4 36.8	2.172	3.086	9.7	21.2
8 19	23 8.14	− 5 18.9	2.114	3.085	6.4	21.0
8 29	23 1.17	− 6 8.8	2.081	3.084	2.7	20.7
9 8	22 53.65	− 7 1.8	2.077	3.083	1.1	20.6
9 18	22 46.34	− 7 52.9	2.101	3.082	4.9	20.9
9 28	22 40.00	− 8 37.3	2.152	3.080	8.4	21.1
10 8	22 35.24	− 9 11.3	2.228	3.079	11.5	21.3

58396 1995 US_{43} 9 5.0 17°.85 0°.5/ 4.5 18

7 30	23 16.43	− 5 9.7	1.741	2.594	14.9	19.5
8 9	23 13.17	− 5 44.8	1.673	2.598	11.4	19.3
8 19	23 7.86	− 6 33.0	1.626	2.603	7.4	19.1
8 29	23 1.08	− 7 29.6	1.603	2.608	3.0	18.8
9 8	22 53.70	− 8 28.4	1.607	2.613	1.6	18.7
9 18	22 46.64	− 9 22.8	1.638	2.619	6.0	19.0
9 28	22 40.83	−10 6.9	1.694	2.626	10.0	19.3
10 8	22 36.96	−10 36.9	1.773	2.632	13.5	19.5

161057 2002 JL_{74} 9 5.0 143°.31 3°.0/ 7.9 18

7 30	23 21.48	+ 3 44.1	2.098	2.896	14.6	20.0
8 9	23 16.68	+ 3 43.8	2.020	2.904	11.7	19.9
8 19	23 9.99	+ 3 27.6	1.963	2.912	8.4	19.7
8 29	23 1.95	+ 2 56.8	1.931	2.919	5.0	19.5
9 8	22 53.33	+ 2 14.7	1.926	2.926	3.0	19.4
9 18	22 44.99	+ 1 26.0	1.950	2.933	5.0	19.5
9 28	22 37.77	+ 0 36.3	2.001	2.939	8.4	19.7
10 8	22 32.32	− 0 9.2	2.078	2.945	11.5	19.9

520959 2014 YP_{59} 9 5.0 113°.88 3°.9/ 1.6 17

7 30	23 21.17	−11 56.4	1.512	2.382	15.9	21.5
8 9	23 17.13	−13 12.1	1.452	2.388	12.0	21.3
8 19	23 10.60	−14 37.6	1.414	2.395	7.8	21.1
8 29	23 2.27	−16 4.2	1.400	2.401	4.3	20.9
9 8	22 53.21	−17 22.0	1.412	2.407	5.0	21.0
9 18	22 44.61	−18 23.0	1.450	2.412	8.9	21.2
9 28	22 37.59	−19 1.8	1.512	2.418	12.9	21.5
10 8	22 32.95	−19 17.1	1.595	2.423	16.3	21.7

170012 Anithakar 9 5.0 132°.01 1°.3/ 3.8 18

7 30	23 21.08	− 8 35.0	1.968	2.815	13.6	20.5
8 9	23 16.50	− 9 1.3	1.895	2.819	10.4	20.3
8 19	23 9.93	− 9 36.1	1.845	2.821	6.7	20.1
8 29	23 1.95	−10 15.2	1.820	2.824	2.8	19.8
9 8	22 53.37	−10 53.2	1.823	2.827	2.2	19.8
9 18	22 45.10	−11 25.1	1.854	2.830	6.0	20.1
9 28	22 38.05	−11 46.7	1.911	2.832	9.7	20.3
10 8	22 32.88	−11 55.8	1.992	2.835	13.0	20.5

375853 2009 VG_{13} 9 5.0 222°.36 1°.0/ 5.9 17

7 30	23 21.27	− 1 37.9	1.935	2.762	14.7	22.1
8 9	23 16.82	− 1 58.5	1.847	2.754	11.5	21.8
8 19	23 10.27	− 2 33.6	1.780	2.746	7.8	21.6
8 29	23 2.15	− 3 20.6	1.738	2.738	3.6	21.3
9 8	22 53.26	− 4 14.6	1.723	2.729	1.3	21.1
9 18	22 44.54	− 5 9.7	1.737	2.720	5.4	21.4
9 28	22 36.97	− 5 59.8	1.777	2.710	9.5	21.6
10 8	22 31.32	− 6 40.0	1.841	2.700	13.1	21.9

429174 2009 VY_{72} 9 5.0 14°.64 2°.2/ 3.6 16

7 30	23 22.90	−10 48.1	1.281	2.156	17.8	20.7
8 9	23 18.82	−10 58.4	1.221	2.158	13.7	20.5
8 19	23 11.87	−11 17.5	1.180	2.162	8.8	20.2
8 29	23 2.85	−11 39.7	1.162	2.166	3.8	20.0
9 8	22 53.00	−11 57.9	1.167	2.171	3.3	19.9
9 18	22 43.71	−12 6.3	1.197	2.176	8.1	20.2
9 28	22 36.31	−12 0.8	1.251	2.182	12.9	20.5
10 8	22 31.66	−11 40.1	1.325	2.189	16.9	20.8

139321 2001 KA_{31} 9 5.0 83°.12 0°.8/ 4.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 22.28	− 5 24.9	1.496	2.350	16.9	20.0
8 9	23 17.82	− 6 6.5	1.441	2.367	12.9	19.8
8 19	23 10.94	− 7 2.4	1.407	2.384	8.3	19.6
8 29	23 2.38	− 8 6.7	1.396	2.400	3.3	19.4
9 8	22 53.21	− 9 11.4	1.412	2.417	2.0	19.3
9 18	22 44.60	−10 9.0	1.453	2.433	6.8	19.7
9 28	22 37.61	−10 53.3	1.521	2.450	11.1	19.9
10 8	22 32.97	−11 20.9	1.610	2.466	14.9	20.2

178058 2006 ST_{29} 9 5.0 280°.41 3°.8/ 8.1 18

7 30	23 19.73	+ 4 20.8	1.475	2.299	18.5	20.7
8 9	23 16.26	+ 4 21.6	1.394	2.293	15.0	20.5
8 19	23 10.23	+ 3 59.6	1.331	2.287	10.9	20.2
8 29	23 2.22	+ 3 15.5	1.290	2.281	6.5	19.9
9 8	22 53.24	+ 2 13.7	1.274	2.275	3.8	19.8
9 18	22 44.47	+ 1 1.4	1.283	2.269	6.5	19.9
9 28	22 37.18	− 0 12.0	1.316	2.263	11.0	20.2
10 8	22 32.28	− 1 18.0	1.372	2.257	15.2	20.4

430010 2013 QB_{82} 9 5.0 279°.07 4°.8/ 8.4 18

7 30	23 21.61	+ 4 57.5	1.504	2.321	18.6	22.1
8 9	23 17.80	+ 5 23.1	1.415	2.308	15.3	21.8
8 19	23 11.33	+ 5 28.1	1.344	2.294	11.4	21.5
8 29	23 2.73	+ 5 11.5	1.295	2.281	7.3	21.3
9 8	22 53.01	+ 4 35.7	1.270	2.267	4.8	21.1
9 18	22 43.38	+ 3 45.7	1.270	2.254	7.0	21.2
9 28	22 35.17	+ 2 49.6	1.295	2.240	11.2	21.4
10 8	22 29.41	+ 1 55.8	1.342	2.226	15.5	21.6

399717 2004 VK_{60} 9 5.0 308°.70 3°.7/ 9.1 18

7 30	23 16.14	+ 6 34.0	2.250	3.040	14.0	20.8
8 9	23 12.62	+ 6 33.3	2.159	3.034	11.5	20.6
8 19	23 7.39	+ 6 15.6	2.089	3.029	8.5	20.4
8 29	23 0.91	+ 5 41.7	2.043	3.023	5.6	20.2
9 8	22 53.83	+ 4 54.2	2.023	3.018	3.7	20.1
9 18	22 46.90	+ 3 57.4	2.031	3.013	5.0	20.2
9 28	22 40.88	+ 2 56.9	2.067	3.008	7.9	20.3
10 8	22 36.42	+ 1 58.5	2.127	3.003	10.9	20.5

473383 2015 UQ_{73} 9 5.0 327°.27 1°.1/ 3.9 18

7 30	23 17.45	− 7 55.5	1.933	2.786	13.6	21.0
8 9	23 13.89	− 8 21.4	1.850	2.776	10.4	20.8
8 19	23 8.35	− 8 57.0	1.789	2.767	6.7	20.6
8 29	23 1.34	− 9 38.1	1.753	2.757	2.8	20.3
9 8	22 53.65	−10 19.5	1.744	2.749	2.1	20.2
9 18	22 46.17	−10 55.8	1.762	2.740	6.0	20.5
9 28	22 39.80	−11 22.2	1.806	2.732	9.9	20.7
10 8	22 35.26	−11 35.7	1.874	2.725	13.3	20.9

253463 2003 SJ_{18} 9 5.0 36°.50 2°.7/ 6.7 17

7 30	23 22.57	− 0 43.8	1.110	1.969	21.1	20.1
8 9	23 18.81	− 0 23.5	1.057	1.981	16.6	19.9
8 19	23 11.97	− 0 23.8	1.021	1.993	11.4	19.6
8 29	23 2.92	− 0 42.6	1.006	2.005	5.9	19.4
9 8	22 53.03	− 1 14.2	1.014	2.019	2.8	19.2
9 18	22 43.81	− 1 51.1	1.045	2.033	7.2	19.6
9 28	22 36.68	− 2 25.2	1.099	2.048	12.3	19.9
10 8	22 32.50	− 2 49.7	1.173	2.063	16.8	20.2

353182 2009 RR_{63} 9 5.0 273°.69 1°.8/ 1.7 18

7 30	23 13.00	−15 24.3	4.453	5.297	6.7	21.1
8 9	23 9.35	−15 46.2	4.366	5.288	5.0	20.9
8 19	23 4.84	−16 9.3	4.305	5.279	3.3	20.8
8 29	22 59.74	−16 31.4	4.273	5.270	1.9	20.7
9 8	22 54.38	−16 50.4	4.270	5.261	2.2	20.7
9 18	22 49.11	−17 4.4	4.297	5.252	3.8	20.8
9 28	22 44.30	−17 11.7	4.353	5.243	5.5	20.9
10 8	22 40.28	−17 11.6	4.434	5.234	7.1	21.1

392905 2012 VQ_{55} 9 5.0 233°.73 3°.7/ 8.7 18

7 30	23 18.37	+ 6 7.2	1.951	2.749	15.6	21.3
8 9	23 14.59	+ 6 0.7	1.864	2.745	12.7	21.1
8 19	23 8.82	+ 5 34.6	1.796	2.741	9.4	20.9
8 29	23 1.56	+ 4 49.9	1.752	2.736	5.9	20.7
9 8	22 53.59	+ 3 50.1	1.734	2.732	3.7	20.5
9 18	22 45.80	+ 2 40.6	1.743	2.727	5.4	20.6
9 28	22 39.10	+ 1 28.5	1.780	2.722	8.9	20.8
10 8	22 34.23	+ 0 20.9	1.841	2.717	12.3	21.0

40049 1998 KB_{37} 9 5.0 15°.80 9°.7/27.2 18

7 30	23 22.62	−28 26.9	1.581	2.455	15.1	18.2
8 9	23 18.39	−29 58.2	1.533	2.456	12.4	18.0
8 19	23 11.48	−31 22.3	1.507	2.458	10.3	17.9
8 29	23 2.68	−32 28.4	1.504	2.460	9.7	17.9
9 8	22 53.15	−33 7.7	1.525	2.462	10.9	18.0
9 18	22 44.20	−33 15.6	1.568	2.465	13.3	18.1
9 28	22 37.03	−32 52.2	1.633	2.468	15.9	18.3
10 8	22 32.41	−32 1.3	1.715	2.471	18.3	18.5

459949 2014 NR_{42} 9 5.0 339°.39 12°.3/19.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 19.55	+28 40.2	2.188	2.820	18.4	20.4
8 9	23 15.74	+30 13.9	2.099	2.813	17.0	20.3
8 19	23 9.75	+31 23.9	2.025	2.807	15.5	20.1
8 29	23 2.04	+32 5.0	1.969	2.801	14.0	20.0
9 8	22 53.37	+32 13.8	1.932	2.796	12.8	19.9
9 18	22 44.71	+31 50.1	1.917	2.791	12.3	19.9
9 28	22 37.11	+30 57.4	1.924	2.786	12.7	19.9
10 8	22 31.43	+29 43.1	1.952	2.782	13.7	20.0

318226 2004 RD_{218} 9 5.0 352°.52 4°.8/ 8.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 21.90	+ 5 3.6	1.936	2.732	15.7	20.1
8 9	23 17.31	+ 5 54.1	1.851	2.729	12.9	19.9
8 19	23 10.61	+ 6 29.8	1.786	2.727	9.7	19.7
8 29	23 2.33	+ 6 49.7	1.746	2.724	6.6	19.5
9 8	22 53.29	+ 6 54.6	1.732	2.723	4.8	19.4
9 18	22 44.44	+ 6 46.9	1.744	2.721	6.2	19.5
9 28	22 36.77	+ 6 31.1	1.783	2.720	9.2	19.6
10 8	22 31.03	+ 6 12.4	1.846	2.720	12.4	19.8

2405 Welch 9 5.0 218°.77 0°.5/ 4.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 16.99	− 6 10.3	2.753	3.585	10.6	17.7
8 9	23 12.92	− 6 43.0	2.664	3.579	8.1	17.6
8 19	23 7.42	− 7 23.9	2.600	3.572	5.3	17.4
8 29	23 0.90	− 8 10.0	2.562	3.566	2.1	17.1
9 8	22 53.91	− 8 57.2	2.553	3.559	1.3	17.1
9 18	22 47.06	− 9 41.7	2.574	3.551	4.4	17.3
9 28	22 40.97	−10 19.5	2.623	3.544	7.4	17.5
10 8	22 36.17	−10 48.1	2.698	3.536	10.1	17.6

72745 2001 FU_{117} 9 5.0 93°.96 5°.9/11.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 18.41	+12 50.5	1.935	2.697	16.9	19.5
8 9	23 14.56	+12 54.4	1.860	2.707	14.2	19.3
8 19	23 8.73	+12 34.7	1.803	2.718	11.2	19.1
8 29	23 1.50	+11 51.1	1.769	2.729	8.2	19.0
9 8	22 53.66	+10 46.5	1.760	2.740	6.1	18.9
9 18	22 46.12	+ 9 26.3	1.777	2.750	6.5	18.9
9 28	22 39.75	+ 7 58.1	1.821	2.760	8.9	19.1
10 8	22 35.24	+ 6 30.5	1.890	2.771	11.8	19.3

305270 2007 YK_{44} 9 5.0 302°.86 0°.6/ 5.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 19.34	− 3 50.2	1.801	2.643	14.9	21.5
8 9	23 15.62	− 3 57.5	1.706	2.623	11.7	21.3
8 19	23 9.67	− 4 17.7	1.632	2.604	7.9	21.0
8 29	23 2.00	− 4 48.2	1.583	2.585	3.5	20.7
9 8	22 53.43	− 5 24.5	1.560	2.566	1.3	20.5
9 18	22 44.95	− 6 1.2	1.563	2.547	5.8	20.8
9 28	22 37.63	− 6 32.6	1.593	2.529	10.2	21.0
10 8	22 32.31	− 6 54.1	1.645	2.511	14.1	21.2

259484 2003 SF_{212} 9 5.0 42°.92 6°.8/31.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 22.24	−17 44.0	1.188	2.078	17.9	19.7
8 9	23 18.53	−19 2.9	1.142	2.086	13.8	19.5
8 19	23 11.76	−20 25.5	1.116	2.095	9.6	19.3
8 29	23 2.84	−21 40.0	1.112	2.105	6.9	19.2
9 8	22 53.14	−22 35.1	1.131	2.114	8.1	19.3
9 18	22 44.17	−23 3.4	1.173	2.125	11.7	19.5
9 28	22 37.27	−23 2.5	1.237	2.135	15.7	19.8
10 8	22 33.28	−22 34.4	1.318	2.146	19.1	20.0

350061 2010 VX_{141} 9 5.0 267°.17 1°.3/ 2.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 11.06	−12 15.2	4.426	5.269	6.7	20.7
8 9	23 7.90	−12 47.4	4.344	5.266	5.1	20.6
8 19	23 3.92	−13 22.2	4.288	5.264	3.2	20.5
8 29	22 59.38	−13 57.5	4.261	5.262	1.6	20.4
9 8	22 54.59	−14 30.8	4.263	5.259	1.8	20.4
9 18	22 49.90	−15 0.0	4.294	5.257	3.5	20.5
9 28	22 45.65	−15 23.2	4.354	5.255	5.3	20.6
10 8	22 42.15	−15 39.1	4.440	5.252	6.9	20.8

424630 2008 KN_{12} 9 5.0 77°.60 2°.6/ 2.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 22.97	−10 12.8	1.497	2.361	16.3	21.0
8 9	23 18.39	−11 0.7	1.445	2.377	12.3	20.8
8 19	23 11.34	−11 58.1	1.413	2.393	7.9	20.6
8 29	23 2.60	−12 58.0	1.406	2.409	3.6	20.4
9 8	22 53.27	−13 52.2	1.424	2.425	3.6	20.4
9 18	22 44.52	−14 34.1	1.469	2.441	7.8	20.7
9 28	22 37.43	−14 58.9	1.538	2.456	11.9	21.0
10 8	22 32.73	−15 5.3	1.629	2.472	15.4	21.3

43384 2000 WP_{54} 9 5.0 308°.64 4°.4/ 7.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 21.48	+ 2 35.2	1.336	2.172	19.5	18.1
8 9	23 17.98	+ 3 8.6	1.253	2.159	15.9	17.8
8 19	23 11.62	+ 3 22.2	1.187	2.146	11.6	17.5
8 29	23 2.94	+ 3 15.6	1.143	2.134	7.0	17.3
9 8	22 53.04	+ 2 51.0	1.121	2.122	4.4	17.1
9 18	22 43.30	+ 2 13.9	1.125	2.110	7.3	17.2
9 28	22 35.15	+ 1 32.0	1.151	2.099	12.0	17.4
10 8	22 29.70	+ 0 53.6	1.199	2.089	16.6	17.7

22331 1992 AC_1 9 5.0 305°.70 8°.5/11.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 19.45	+12 40.3	1.673	2.446	18.7	17.7
8 9	23 16.18	+13 40.1	1.564	2.416	16.3	17.5
8 19	23 10.39	+14 19.0	1.473	2.386	13.4	17.2
8 29	23 2.46	+14 32.6	1.403	2.356	10.5	17.0
9 8	22 53.22	+14 19.1	1.355	2.326	8.6	16.8
9 18	22 43.78	+13 39.8	1.331	2.296	9.2	16.7
9 28	22 35.44	+12 40.5	1.331	2.267	11.8	16.8
10 8	22 29.34	+11 30.4	1.354	2.238	15.3	17.0

439774 2015 GW_{23} 9 5.0 116°.46 8°.9/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 23.36	−28 36.4	1.861	2.725	13.6	21.2
8 9	23 18.56	−30 24.6	1.821	2.737	11.2	21.1
8 19	23 11.42	−32 5.8	1.804	2.748	9.4	21.0
8 29	23 2.64	−33 29.8	1.811	2.759	9.0	21.0
9 8	22 53.26	−34 28.8	1.845	2.769	10.1	21.1
9 18	22 44.39	−34 58.6	1.902	2.780	12.2	21.2
9 28	22 37.07	−34 58.7	1.980	2.790	14.4	21.4
10 8	22 32.03	−34 32.4	2.077	2.799	16.5	21.6

207195 2005 EQ_{44} 9 5.0 130°.51 0°.1/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 20.16	− 5 9.2	1.880	2.722	14.4	20.7
8 9	23 15.95	− 5 31.3	1.804	2.723	11.1	20.4
8 19	23 9.69	− 6 5.2	1.750	2.723	7.3	20.2
8 29	23 1.94	− 6 47.1	1.720	2.724	3.0	20.0
9 8	22 53.54	− 7 31.8	1.718	2.724	1.4	19.8
9 18	22 45.42	− 8 13.5	1.743	2.725	5.7	20.1
9 28	22 38.51	− 8 47.4	1.795	2.725	9.7	20.4
10 8	22 33.53	− 9 9.6	1.870	2.726	13.1	20.6

91814 1999 TV_{261} 9 5.0 184°.54 4°.0/10.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 16.51	+ 9 57.3	2.670	3.429	12.8	20.4
8 9	23 12.63	+ 9 49.4	2.577	3.429	10.6	20.2
8 19	23 7.28	+ 9 25.0	2.506	3.428	8.2	20.0
8 29	23 0.87	+ 8 44.4	2.460	3.428	5.7	19.9
9 8	22 53.98	+ 7 50.0	2.440	3.427	4.1	19.8
9 18	22 47.24	+ 6 45.7	2.450	3.426	4.7	19.8
9 28	22 41.29	+ 5 36.5	2.487	3.424	7.0	20.0
10 8	22 36.66	+ 4 27.9	2.551	3.423	9.5	20.1

23684 1997 HB_{10} 9 5.0 286°.37 1°.5/ 3.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 19.30	− 7 53.8	1.809	2.663	14.4	19.3
8 9	23 15.40	− 8 34.7	1.734	2.661	11.0	19.1
8 19	23 9.39	− 9 26.6	1.681	2.659	7.1	18.9
8 29	23 1.83	−10 24.3	1.652	2.656	3.0	18.6
9 8	22 53.58	−11 21.4	1.651	2.654	2.5	18.6
9 18	22 45.61	−12 11.4	1.676	2.652	6.5	18.8
9 28	22 38.87	−12 48.9	1.728	2.650	10.5	19.1
10 8	22 34.12	−13 10.8	1.802	2.648	14.0	19.3

167492 2003 YF_{80} 9 5.0 239°.23 4°.8/ 9.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 21.11	+ 7 52.6	2.169	2.945	14.9	20.2
8 9	23 16.58	+ 8 18.2	2.073	2.936	12.4	20.0
8 19	23 10.10	+ 8 27.1	1.998	2.928	9.5	19.8
8 29	23 2.15	+ 8 18.7	1.947	2.919	6.6	19.6
9 8	22 53.45	+ 7 54.4	1.922	2.909	4.8	19.4
9 18	22 44.85	+ 7 17.5	1.924	2.900	5.8	19.5
9 28	22 37.26	+ 6 32.9	1.954	2.890	8.6	19.6
10 8	22 31.39	+ 5 46.6	2.009	2.880	11.7	19.8

153508 2001 RF_{137} 9 5.0 324°.64 2°.9/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 16.59	− 9 53.5	1.251	2.135	17.6	19.9
8 9	23 14.40	−10 36.4	1.171	2.114	13.5	19.5
8 19	23 9.35	−11 33.8	1.110	2.095	8.8	19.2
8 29	23 2.01	−12 38.5	1.071	2.076	4.1	18.9
9 8	22 53.48	−13 41.0	1.056	2.058	4.2	18.9
9 18	22 45.13	−14 31.5	1.064	2.041	9.2	19.1
9 28	22 38.42	−15 2.2	1.094	2.024	14.4	19.3
10 8	22 34.43	−15 9.4	1.143	2.010	18.9	19.6

486177 2013 AQ_{13} 9 5.0 34°.52 6°.0/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 16.14	−16 57.6	1.592	2.474	14.5	19.9
8 9	23 13.21	−18 48.6	1.544	2.484	11.1	19.7
8 19	23 8.03	−20 43.9	1.518	2.495	7.8	19.5
8 29	23 1.25	−22 33.1	1.518	2.507	6.0	19.5
9 8	22 53.87	−24 5.6	1.544	2.519	7.3	19.6
9 18	22 46.91	−25 14.2	1.594	2.532	10.4	19.8
9 28	22 41.39	−25 54.9	1.668	2.545	13.5	20.0
10 8	22 38.01	−26 8.1	1.762	2.558	16.3	20.2

426116 2012 FN_{67} 9 5.1 125°.51 4°.7/31.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 22.95	−14 47.9	1.580	2.449	15.3	20.6
8 9	23 18.43	−16 0.0	1.522	2.456	11.7	20.4
8 19	23 11.45	−17 18.3	1.485	2.463	7.8	20.2
8 29	23 2.71	−18 34.0	1.474	2.470	4.9	20.0
9 8	22 53.27	−19 38.2	1.488	2.477	5.8	20.1
9 18	22 44.30	−20 23.7	1.529	2.483	9.2	20.3
9 28	22 36.93	−20 46.7	1.593	2.489	12.9	20.6
10 8	22 31.93	−20 47.0	1.679	2.495	16.2	20.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
447698 2007 DN_{21}			9 5.1 199°.31	0°.2/ 4.8 18		
	h m	° ′			°	m
7 30	23 21.05	− 6 29.3	2.605	3.432	11.3	21.9
8 9	23 16.07	− 6 38.3	2.519	3.430	8.7	21.7
8 19	23 9.51	− 6 54.5	2.456	3.427	5.7	21.5
8 29	23 1.82	− 7 15.4	2.421	3.424	2.4	21.3
9 8	22 53.63	− 7 37.5	2.414	3.420	1.1	21.1
9 18	22 45.63	− 7 57.7	2.437	3.416	4.5	21.4
9 28	22 38.52	− 8 12.7	2.489	3.412	7.6	21.6
10 8	22 32.85	− 8 20.3	2.566	3.408	10.4	21.8
288144 2003 WE_{103}			9 5.1 334°.31	5°.8/31.9 18		
7 30	23 17.45	−15 0.7	1.101	1.999	18.4	20.1
8 9	23 15.35	−16 2.9	1.035	1.985	14.2	19.8
8 19	23 10.08	−17 14.8	0.987	1.972	9.6	19.5
8 29	23 2.33	−18 25.8	0.961	1.960	6.1	19.3
9 8	22 53.39	−19 23.8	0.957	1.949	7.2	19.3
9 18	22 44.82	−19 58.7	0.974	1.939	11.7	19.5
9 28	22 38.21	−20 4.8	1.012	1.931	16.4	19.7
10 8	22 34.64	−19 41.8	1.067	1.923	20.7	20.0
321481 2009 RC_{71}			9 5.1 52°.84	1°.3/ 3.7 18		
7 30	23 18.32	− 8 23.5	2.040	2.891	13.1	21.0
8 9	23 14.27	− 8 58.1	1.980	2.905	9.9	20.8
8 19	23 8.44	− 9 40.9	1.942	2.919	6.3	20.7
8 29	23 1.37	−10 27.5	1.929	2.933	2.6	20.4
9 8	22 53.86	−11 12.5	1.945	2.948	2.2	20.4
9 18	22 46.70	−11 51.0	1.988	2.963	5.7	20.7
9 28	22 40.68	−12 18.9	2.057	2.978	9.1	20.9
10 8	22 36.39	−12 34.0	2.150	2.993	12.1	21.2
405859 2006 DP_{61}			9 5.1 251°.28	1°.6/ 2.7 18		
7 30	23 15.58	− 7 8.6	2.703	3.541	10.6	20.9
8 9	23 11.99	− 8 33.3	2.607	3.527	8.1	20.7
8 19	23 6.93	−10 9.0	2.536	3.512	5.1	20.5
8 29	23 0.78	−11 50.8	2.494	3.497	2.3	20.3
9 8	22 54.08	−13 32.6	2.482	3.482	2.4	20.3
9 18	22 47.44	−15 8.1	2.501	3.466	5.4	20.4
9 28	22 41.52	−16 32.0	2.548	3.451	8.4	20.6
10 8	22 36.88	−17 40.6	2.621	3.435	11.1	20.8
244441 2002 RY_{49}			9 5.1 330°.08	0°.2/ 4.9 18		
7 30	23 12.37	− 2 10.3	1.457	2.319	16.8	19.5
8 9	23 10.70	− 3 7.0	1.371	2.301	13.1	19.3
8 19	23 6.68	− 4 26.1	1.305	2.283	8.7	19.0
8 29	23 0.83	− 6 2.6	1.262	2.266	3.7	18.6
9 8	22 54.03	− 7 47.8	1.243	2.250	1.7	18.4
9 18	22 47.37	− 9 31.0	1.250	2.234	7.0	18.7
9 28	22 42.01	−11 1.6	1.282	2.220	12.0	19.0
10 8	22 38.86	−12 11.8	1.334	2.207	16.3	19.2
94109 2000 YP_{87}			9 5.1 34°.46	6°.2/28.7 18		
7 30	23 17.40	−21 39.4	2.043	2.915	12.3	18.7
8 9	23 13.80	−23 12.2	1.987	2.918	9.6	18.5
8 19	23 8.26	−24 45.0	1.955	2.921	7.2	18.4
8 29	23 1.35	−26 9.5	1.949	2.925	6.2	18.4
9 8	22 53.86	−27 18.2	1.969	2.928	7.3	18.4
9 18	22 46.69	−28 5.8	2.015	2.932	9.7	18.6
9 28	22 40.69	−28 29.8	2.085	2.936	12.3	18.8
10 8	22 36.52	−28 30.6	2.175	2.940	14.6	18.9
439003 2010 VV_{138}			9 5.1 252°.45	2°.5/10.8 18		
7 30	23 10.31	+ 9 58.1	5.001	5.739	7.5	21.8
8 9	23 7.30	+ 9 53.0	4.892	5.728	6.2	21.7
8 19	23 3.54	+ 9 39.0	4.806	5.717	4.8	21.6
8 29	22 59.26	+ 9 16.6	4.746	5.705	3.5	21.5
9 8	22 54.74	+ 8 46.9	4.714	5.694	2.6	21.4
9 18	22 50.27	+ 8 11.5	4.712	5.683	2.9	21.4
9 28	22 46.16	+ 7 32.5	4.739	5.671	4.1	21.5
10 8	22 42.69	+ 6 52.3	4.794	5.660	5.5	21.6
51650 2001 HG_{64}			9 5.1 11°.56	7°.4/31.3 18		
7 30	23 22.07	−19 55.3	1.158	2.051	18.0	18.2
8 9	23 18.57	−20 52.5	1.108	2.053	14.0	18.0
8 19	23 11.91	−21 50.3	1.077	2.056	10.0	17.8
8 29	23 2.98	−22 37.7	1.068	2.059	7.5	17.7
9 8	22 53.21	−23 4.5	1.081	2.064	8.5	17.7
9 18	22 44.15	−23 4.7	1.117	2.070	12.1	17.9
9 28	22 37.23	−22 36.8	1.174	2.076	16.0	18.2
10 8	22 33.30	−21 43.9	1.248	2.084	19.6	18.5
368097 2013 BN			9 5.1 265°.14	2°.4/31.2 17		
7 30	23 11.93	−18 20.5	4.401	5.252	6.6	20.8
8 9	23 8.61	−18 57.3	4.323	5.247	5.0	20.7
8 19	23 4.42	−19 34.6	4.271	5.242	3.5	20.6
8 29	22 59.64	−20 9.7	4.247	5.237	2.5	20.5
9 8	22 54.60	−20 40.1	4.253	5.231	2.9	20.5
9 18	22 49.65	−21 3.8	4.287	5.226	4.3	20.6
9 28	22 45.18	−21 19.1	4.349	5.221	5.9	20.7
10 8	22 41.49	−21 25.2	4.436	5.216	7.4	20.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
357406 2003 VB_{3}			9 5.1 225°.92	0°.3/ 5.3 16		
	h m	° ′			°	m
7 30	23 26.36	− 2 40.2	1.827	2.651	15.5	23.8
8 9	23 21.06	− 3 13.9	1.728	2.636	12.2	23.5
8 19	23 13.31	− 4 3.9	1.652	2.620	8.1	23.2
8 29	23 3.62	− 5 6.6	1.600	2.602	3.6	22.9
9 8	22 52.88	− 6 16.1	1.577	2.583	1.4	22.7
9 18	22 42.19	− 7 25.0	1.582	2.563	6.2	23.0
9 28	22 32.74	− 8 26.1	1.615	2.541	10.8	23.2
10 8	22 25.46	− 9 13.8	1.671	2.518	14.8	23.4
520259 2014 ES_{60}			9 5.1 196°.38	1°.7/ 6.5 18		
7 30	23 23.93	− 1 27.9	2.082	2.898	14.1	21.8
8 9	23 18.69	− 1 17.3	1.997	2.896	11.1	21.6
8 19	23 11.44	− 1 18.2	1.933	2.895	7.7	21.4
8 29	23 2.71	− 1 29.3	1.895	2.892	3.9	21.2
9 8	22 53.30	− 1 47.3	1.885	2.890	1.8	21.0
9 18	22 44.12	− 2 8.5	1.904	2.887	5.0	21.2
9 28	22 36.08	− 2 28.7	1.950	2.884	8.8	21.4
10 8	22 29.88	− 2 44.0	2.021	2.881	12.1	21.7
17821 Bölsche			9 5.1 50°.11	6°.1/31.8 18		
7 30	23 23.88	−17 22.4	1.280	2.162	17.4	18.3
8 9	23 19.61	−18 24.7	1.230	2.171	13.3	18.1
8 19	23 12.42	−19 30.4	1.201	2.179	9.2	17.9
8 29	23 3.16	−20 29.4	1.194	2.188	6.2	17.8
9 8	22 53.15	−21 11.7	1.211	2.197	7.2	17.9
9 18	22 43.83	−21 30.9	1.252	2.207	10.8	18.1
9 28	22 36.50	−21 24.7	1.315	2.217	14.7	18.3
10 8	22 31.99	−20 54.5	1.398	2.227	18.2	18.6
136192 2003 UT_{253}			9 5.1 272°.25	3°.9/31.8 18		
7 30	23 17.82	− 7 36.7	1.553	2.417	15.8	19.6
8 9	23 14.95	− 9 52.2	1.461	2.396	12.0	19.3
8 19	23 9.56	−12 31.4	1.393	2.374	7.8	19.0
8 29	23 2.11	−15 24.1	1.351	2.352	4.2	18.8
9 8	22 53.50	−18 15.7	1.337	2.330	5.6	18.8
9 18	22 44.87	−20 51.3	1.351	2.307	10.1	19.0
9 28	22 37.52	−22 58.6	1.390	2.284	14.6	19.2
10 8	22 32.49	−24 31.7	1.450	2.260	18.6	19.4
514985 2009 FK_{28}			9 5.1 204°.45	2°.1/ 2.8 18		
7 30	23 22.12	−12 2.0	2.549	3.389	11.1	22.8
8 9	23 16.97	−12 35.4	2.464	3.384	8.5	22.6
8 19	23 10.15	−13 13.8	2.403	3.378	5.5	22.4
8 29	23 2.13	−13 53.1	2.370	3.371	2.7	22.2
9 8	22 53.57	−14 28.8	2.366	3.364	2.8	22.2
9 18	22 45.19	−14 56.8	2.391	3.356	5.7	22.4
9 28	22 37.75	−15 14.3	2.445	3.348	8.7	22.6
10 8	22 31.83	−15 19.5	2.523	3.339	11.4	22.7
300465 2007 TN_{94}			9 5.1 246°.17	1°.6/ 6.8 18		
7 30	23 17.54	+ 1 32.9	2.092	2.908	14.1	20.7
8 9	23 13.88	+ 0 59.8	1.999	2.898	11.2	20.5
8 19	23 8.36	+ 0 9.8	1.928	2.888	7.7	20.3
8 29	23 1.44	− 0 54.8	1.881	2.878	4.0	20.0
9 8	22 53.84	− 2 8.9	1.862	2.868	1.7	19.9
9 18	22 46.36	− 3 26.6	1.872	2.857	4.9	20.1
9 28	22 39.87	− 4 40.8	1.909	2.846	8.7	20.3
10 8	22 35.06	− 5 45.8	1.971	2.835	12.2	20.5
355157 2006 VR_{76}			9 5.1 202°.72	1°.4/ 3.6 18		
7 30	23 18.56	− 8 19.3	2.126	2.974	12.8	21.7
8 9	23 14.53	− 8 59.7	2.050	2.973	9.7	21.5
8 19	23 8.69	− 9 49.1	1.996	2.972	6.2	21.2
8 29	23 1.54	−10 43.0	1.968	2.971	2.6	21.0
9 8	22 53.82	−11 35.9	1.968	2.970	2.3	21.0
9 18	22 46.33	−12 22.5	1.995	2.969	5.8	21.2
9 28	22 39.90	−12 58.3	2.050	2.968	9.3	21.4
10 8	22 35.15	−13 20.4	2.128	2.967	12.4	21.6
287412 2002 VY_{132}			9 5.1 349°.46	0°.2/ 4.9 18		
7 30	23 14.22	− 4 6.0	1.386	2.253	17.1	19.8
8 9	23 12.14	− 4 37.5	1.312	2.245	13.3	19.5
8 19	23 7.60	− 5 26.7	1.259	2.238	8.7	19.2
8 29	23 1.21	− 6 28.8	1.227	2.232	3.7	18.9
9 8	22 53.95	− 7 36.2	1.220	2.226	1.7	18.8
9 18	22 46.98	− 8 40.3	1.238	2.223	6.9	19.1
9 28	22 41.45	− 9 33.0	1.279	2.220	11.7	19.4
10 8	22 38.24	−10 8.6	1.341	2.218	15.9	19.6
37896 1998 FV_{62}			9 5.1 41°.84	2°.9/ 8.3 18		
7 30	23 16.00	+ 5 5.8	1.980	2.787	15.1	18.4
8 9	23 12.68	+ 4 44.2	1.904	2.792	12.2	18.3
8 19	23 7.54	+ 4 3.5	1.847	2.798	8.8	18.1
8 29	23 1.07	+ 3 5.7	1.815	2.804	5.2	17.9
9 8	22 54.03	+ 1 55.3	1.809	2.810	3.0	17.7
9 18	22 47.25	+ 0 38.4	1.830	2.816	5.0	17.9
9 28	22 41.53	− 0 37.8	1.879	2.822	8.4	18.1
10 8	22 37.54	− 1 47.0	1.952	2.829	11.7	18.3

264866 2002 RL_{166} 9 5.1 291.°92 0.°5/ 4.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 21.88	− 6 14.1	1.474	2.331	16.9	20.7
8 9	23 18.16	− 6 28.8	1.383	2.310	13.2	20.4
8 19	23 11.69	− 6 57.4	1.312	2.289	8.7	20.1
8 29	23 3.03	− 7 36.1	1.264	2.268	3.7	19.7
9 8	22 53.17	− 8 18.5	1.241	2.247	1.9	19.6
9 18	22 43.38	− 8 57.4	1.243	2.225	7.3	19.8
9 28	22 35.04	− 9 26.1	1.270	2.204	12.4	20.1
10 8	22 29.22	− 9 40.0	1.318	2.184	16.9	20.3

94217 2001 BH_{44} 9 5.1 218.°51 1.°4/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 16.88	+ 1 3.1	2.774	3.577	11.3	20.4
8 9	23 12.88	+ 0 39.2	2.678	3.570	8.9	20.2
8 19	23 7.46	+ 0 3.2	2.605	3.562	6.2	20.0
8 29	23 1.01	− 0 42.9	2.559	3.554	3.3	19.8
9 8	22 54.06	− 1 35.8	2.541	3.545	1.5	19.7
9 18	22 47.23	− 2 31.6	2.553	3.537	3.9	19.8
9 28	22 41.13	− 3 25.7	2.593	3.527	6.9	20.0
10 8	22 36.30	− 4 14.2	2.660	3.518	9.6	20.2

62539 2000 SR_{259} 9 5.1 170.°99 3.°5/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 21.98	−16 21.0	2.229	3.083	12.0	19.2
8 9	23 17.04	−16 54.9	2.158	3.084	9.2	19.0
8 19	23 10.27	−17 31.0	2.110	3.085	6.1	18.8
8 29	23 2.19	−18 4.2	2.089	3.085	3.8	18.7
9 8	22 53.60	−18 29.4	2.096	3.086	4.3	18.7
9 18	22 45.30	−18 42.8	2.131	3.086	7.0	18.9
9 28	22 38.14	−18 42.1	2.192	3.086	10.0	19.1
10 8	22 32.73	−18 26.7	2.276	3.086	12.7	19.3

276286 2002 TG_{19} 9 5.1 306.°48 1.°0/ 5.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 18.15	− 1 53.2	1.375	2.230	18.0	20.6
8 9	23 15.39	− 2 10.0	1.287	2.211	14.2	20.3
8 19	23 9.93	− 2 46.6	1.218	2.192	9.7	20.0
8 29	23 2.29	− 3 40.3	1.172	2.174	4.5	19.6
9 8	22 53.49	− 4 44.5	1.149	2.156	1.6	19.4
9 18	22 44.78	− 5 50.8	1.151	2.138	7.0	19.7
9 28	22 37.55	− 6 50.1	1.177	2.121	12.3	19.9
10 8	22 32.84	− 7 35.0	1.224	2.104	16.9	20.2

157506 2005 SD_{53} 9 5.1 282.°74 0.°1/ 5.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 21.19	− 4 19.4	1.630	2.476	16.0	21.2
8 9	23 17.36	− 4 36.9	1.535	2.456	12.6	20.9
8 19	23 11.03	− 5 9.1	1.461	2.435	8.4	20.6
8 29	23 2.71	− 5 53.0	1.410	2.414	3.6	20.3
9 8	22 53.32	− 6 42.7	1.386	2.392	1.5	20.1
9 18	22 43.98	− 7 31.4	1.388	2.371	6.6	20.4
9 28	22 35.93	− 8 12.4	1.415	2.349	11.4	20.6
10 8	22 30.15	− 8 40.3	1.464	2.328	15.6	20.8

342280 2008 TO_{19} 9 5.1 148.°87 5.°9/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 25.78	−23 26.2	2.210	3.063	12.1	21.6
8 9	23 19.94	−24 23.0	2.153	3.072	9.6	21.4
8 19	23 12.13	−25 16.9	2.119	3.080	7.2	21.3
8 29	23 2.96	−26 1.3	2.113	3.088	5.9	21.2
9 8	22 53.30	−26 30.4	2.133	3.095	6.7	21.3
9 18	22 44.06	−26 40.6	2.181	3.101	8.9	21.5
9 28	22 36.14	−26 31.0	2.254	3.108	11.4	21.6
10 8	22 30.16	−26 2.7	2.349	3.113	13.7	21.8

20279 Harel 9 5.1 144.°27 0.°0/ 5.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 25.38	− 4 57.1	1.608	2.450	16.4	18.4
8 9	23 20.26	− 5 8.3	1.538	2.455	12.7	18.1
8 19	23 12.67	− 5 32.5	1.488	2.461	8.4	17.9
8 29	23 3.28	− 6 5.7	1.463	2.466	3.6	17.6
9 8	22 53.14	− 6 42.5	1.464	2.471	1.4	17.5
9 18	22 43.41	− 7 16.7	1.493	2.475	6.3	17.8
9 28	22 35.22	− 7 43.0	1.547	2.479	10.8	18.1
10 8	22 29.40	− 7 57.7	1.624	2.483	14.6	18.3

340426 2006 FX_{29} 9 5.1 103.°02 3.°9/ 1.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 24.70	−16 10.1	1.951	2.807	13.4	20.9
8 9	23 19.20	−16 54.6	1.897	2.824	10.2	20.7
8 19	23 11.67	−17 41.4	1.867	2.841	6.8	20.5
8 29	23 2.76	−18 24.4	1.862	2.858	4.2	20.4
9 8	22 53.39	−18 57.5	1.885	2.874	4.7	20.5
9 18	22 44.53	−19 16.4	1.936	2.890	7.6	20.7
9 28	22 37.06	−19 19.0	2.012	2.906	10.8	20.9
10 8	22 31.61	−19 5.3	2.111	2.921	13.5	21.1

508985 2005 EH_{70} 9 5.1 192.°49 1.°2/ 6.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 19.48	+ 1 0.4	3.012	3.806	10.7	23.2
8 9	23 14.71	+ 0 29.8	2.916	3.803	8.5	23.0
8 19	23 8.58	− 0 12.3	2.844	3.800	5.8	22.8
8 29	23 1.47	− 1 3.7	2.800	3.795	3.0	22.6
9 8	22 53.90	− 2 1.1	2.785	3.790	1.3	22.5
9 18	22 46.45	− 3 0.7	2.801	3.784	3.7	22.7
9 28	22 39.71	− 3 58.2	2.847	3.777	6.5	22.9
10 8	22 34.18	− 4 49.8	2.920	3.769	9.1	23.0

361978 2008 KO_{19} 9 5.1 55.°24 4.°0/ 9.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 16.02	+ 8 24.9	2.127	2.911	14.9	20.9
8 9	23 12.57	+ 8 13.8	2.050	2.920	12.2	20.7
8 19	23 7.40	+ 7 43.1	1.994	2.929	9.2	20.5
8 29	23 1.01	+ 6 54.1	1.961	2.939	6.1	20.4
9 8	22 54.10	+ 5 50.2	1.955	2.948	4.1	20.3
9 18	22 47.43	+ 4 36.8	1.976	2.958	5.1	20.4
9 28	22 41.79	+ 3 20.3	2.025	2.967	8.0	20.6
10 8	22 37.75	+ 2 7.5	2.099	2.977	10.9	20.8

303148 2004 DD_{69} 9 5.1 56.°09 0.°4/ 5.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 22.71	− 4 55.6	1.773	2.614	15.2	20.1
8 9	23 17.91	− 4 54.7	1.709	2.625	11.7	19.9
8 19	23 10.96	− 5 4.9	1.666	2.637	7.7	19.7
8 29	23 2.51	− 5 22.9	1.647	2.649	3.4	19.4
9 8	22 53.49	− 5 44.6	1.655	2.662	1.2	19.3
9 18	22 44.90	− 6 5.2	1.691	2.674	5.6	19.6
9 28	22 37.69	− 6 20.4	1.753	2.687	9.6	19.9
10 8	22 32.55	− 6 27.1	1.838	2.700	13.0	20.1

191222 2002 RY_{88} 9 5.1 3.°75 0.°5/ 4.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 16.79	− 6 14.2	2.098	2.944	13.0	20.3
8 9	23 13.19	− 6 38.9	2.022	2.944	9.9	20.1
8 19	23 7.83	− 7 13.5	1.969	2.944	6.4	19.9
8 29	23 1.20	− 7 54.3	1.941	2.944	2.6	19.7
9 8	22 54.03	− 8 36.5	1.940	2.946	1.5	19.6
9 18	22 47.09	− 9 15.3	1.967	2.947	5.3	19.9
9 28	22 41.19	− 9 46.2	2.020	2.949	8.9	20.1
10 8	22 36.94	−10 6.2	2.098	2.951	12.0	20.3

287760 2003 SY_{58} 9 5.1 346.°11 11.°9/12.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 19.19	+13 40.6	1.283	2.076	22.4	19.7
8 9	23 16.51	+15 41.4	1.204	2.062	19.7	19.5
8 19	23 10.86	+17 19.5	1.141	2.050	16.7	19.2
8 29	23 2.77	+18 27.6	1.097	2.040	13.9	19.0
9 8	22 53.30	+19 0.9	1.072	2.031	12.1	18.9
9 18	22 43.88	+18 58.9	1.069	2.023	12.3	18.9
9 28	22 36.06	+18 27.2	1.087	2.018	14.4	19.0
10 8	22 31.07	+17 36.6	1.124	2.013	17.4	19.2

243848 2000 WO 9 5.1 295.°29 0.°4/ 5.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 34.11	− 8 10.2	1.702	2.533	16.2	20.1
8 9	23 27.52	− 7 26.2	1.590	2.501	12.8	19.9
8 19	23 17.89	− 6 45.8	1.499	2.469	8.7	19.5
8 29	23 5.73	− 6 7.5	1.434	2.436	3.8	19.2
9 8	22 52.06	− 5 28.8	1.397	2.404	1.5	18.9
9 18	22 38.26	− 4 48.1	1.390	2.371	6.8	19.2
9 28	22 25.82	− 4 3.6	1.410	2.338	11.9	19.4
10 8	22 15.99	− 3 14.3	1.454	2.305	16.4	19.6

244749 2003 SJ_{54} 9 5.1 297.°75 5.°2/10.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 14.80	+11 29.8	1.758	2.542	17.5	20.2
8 9	23 12.27	+11 5.6	1.657	2.524	14.8	19.9
8 19	23 7.60	+10 13.2	1.575	2.506	11.4	19.7
8 29	23 1.24	+ 8 52.0	1.514	2.488	7.9	19.4
9 8	22 53.98	+ 7 5.6	1.478	2.470	5.3	19.3
9 18	22 46.78	+ 5 1.4	1.469	2.452	6.3	19.3
9 28	22 40.69	+ 2 50.3	1.487	2.434	9.8	19.4
10 8	22 36.56	+ 0 43.6	1.529	2.417	13.7	19.6

424604 2008 HV_{39} 9 5.1 33.°31 1.°2/ 4.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 21.03	− 7 16.4	1.134	2.012	19.4	20.7
8 9	23 17.53	− 7 36.2	1.088	2.026	14.8	20.4
8 19	23 11.11	− 8 10.3	1.060	2.042	9.6	20.2
8 29	23 2.64	− 8 52.4	1.053	2.058	3.9	19.9
9 8	22 53.48	− 9 34.0	1.070	2.075	2.5	19.9
9 18	22 45.05	−10 7.4	1.110	2.093	7.8	20.3
9 28	22 38.63	−10 26.8	1.173	2.112	12.8	20.6
10 8	22 35.02	−10 29.2	1.256	2.131	16.9	20.9

112427 2002 NC_{49} 9 5.1 2.°77 0.°9/ 4.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 19.96	− 7 24.3	1.547	2.408	16.0	19.1
8 9	23 16.24	− 7 41.0	1.478	2.407	12.3	18.9
8 19	23 10.12	− 8 9.1	1.428	2.407	8.0	18.6
8 29	23 2.24	− 8 44.0	1.403	2.407	3.3	18.4
9 8	22 53.61	− 9 19.7	1.403	2.408	2.0	18.3
9 18	22 45.34	− 9 49.9	1.429	2.410	6.7	18.6
9 28	22 38.54	−10 9.6	1.479	2.412	11.1	18.9
10 8	22 34.01	−10 15.6	1.552	2.415	15.0	19.1

472748 2015 FM_{101} 9 5.1 118.°18 3.°4/ 8.0 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 21.64	+ 3 52.2	1.714	2.526	16.9	21.5
8 9	23 17.30	+ 3 55.6	1.640	2.532	13.6	21.3
8 19	23 10.71	+ 3 39.8	1.586	2.538	9.8	21.1
8 29	23 2.47	+ 3 6.2	1.555	2.544	5.8	20.8
9 8	22 53.52	+ 2 18.7	1.549	2.550	3.4	20.7
9 18	22 44.89	+ 1 23.1	1.571	2.556	5.8	20.9
9 28	22 37.60	+ 0 26.5	1.619	2.561	9.6	21.1
10 8	22 32.44	− 0 24.5	1.690	2.566	13.3	21.4

429083 2009 RP_8 9 5.1 326°.05 1°.2/ 7.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 11.00	+ 0 53.5	4.032	4.831	8.1	21.1
8 9	23 7.99	+ 0 36.1	3.938	4.827	6.4	21.0
8 19	23 4.08	+ 0 10.8	3.868	4.823	4.5	20.8
8 29	22 59.55	− 0 21.1	3.825	4.819	2.4	20.7
9 8	22 54.75	− 0 57.4	3.811	4.815	1.2	20.6
9 18	22 50.03	− 1 35.9	3.827	4.811	2.7	20.7
9 28	22 45.77	− 2 13.8	3.872	4.807	4.8	20.9
10 8	22 42.31	− 2 48.8	3.944	4.804	6.7	21.0

349079 2007 CP_{24} 9 5.1 131°.72 0°.3/ 4.8 17

7 30	23 22.21	− 4 20.0	1.949	2.783	14.3	21.7
8 9	23 17.37	− 5 0.6	1.882	2.796	11.0	21.5
8 19	23 10.56	− 5 53.7	1.837	2.809	7.1	21.3
8 29	23 2.35	− 6 54.9	1.818	2.821	2.9	21.1
9 8	22 53.60	− 7 58.0	1.827	2.833	1.4	21.0
9 18	22 45.21	− 8 57.0	1.864	2.844	5.6	21.3
9 28	22 38.06	− 9 46.4	1.928	2.854	9.4	21.5
10 8	22 32.81	−10 22.6	2.017	2.864	12.7	21.8

359602 2010 VX_{210} 9 5.1 71°.95 7°.5/28.8 18

7 30	23 25.26	−29 7.9	2.163	3.016	12.4	20.3
8 9	23 19.54	−30 2.7	2.123	3.033	10.1	20.2
8 19	23 11.83	−30 49.7	2.105	3.050	8.2	20.1
8 29	23 2.82	−31 22.2	2.113	3.067	7.5	20.1
9 8	22 53.44	−31 35.1	2.147	3.084	8.3	20.2
9 18	22 44.64	−31 26.1	2.206	3.101	10.0	20.3
9 28	22 37.28	−30 55.6	2.290	3.118	12.1	20.5
10 8	22 31.93	−30 6.1	2.394	3.135	14.1	20.7

433964 1999 RG_{259} 9 5.1 351°.08 5°.3/ 2.4 18

7 30	23 25.27	−18 33.4	1.223	2.107	17.9	19.5
8 9	23 21.04	−18 34.2	1.157	2.098	13.9	19.2
8 19	23 13.61	−18 34.2	1.111	2.091	9.6	19.0
8 29	23 3.80	−18 26.0	1.086	2.085	5.8	18.7
9 8	22 53.00	−18 2.8	1.085	2.080	6.2	18.7
9 18	22 42.79	−17 21.1	1.108	2.077	10.1	19.0
9 28	22 34.66	−16 20.4	1.153	2.075	14.6	19.2
10 8	22 29.59	−15 3.3	1.218	2.074	18.7	19.5

75057 1999 VR_4 9 5.1 284°.50 7°.7/28.6 18

7 30	23 22.35	−24 28.0	1.784	2.654	13.8	19.3
8 9	23 18.13	−25 47.1	1.710	2.637	11.1	19.1
8 19	23 11.43	−27 5.1	1.659	2.620	8.7	18.9
8 29	23 2.85	−28 12.4	1.633	2.603	7.7	18.8
9 8	22 53.37	−29 0.4	1.631	2.586	8.9	18.8
9 18	22 44.16	−29 22.9	1.654	2.570	11.6	19.0
9 28	22 36.37	−29 17.6	1.700	2.553	14.5	19.1
10 8	22 30.88	−28 46.2	1.765	2.536	17.3	19.3

503941 2003 UV_{11} 9 5.1 194°.86 3°.0/ 2.9 17

7 30	23 45.86	− 9 19.3	1.755	2.562	16.7	23.7
8 9	23 36.33	−10 40.2	1.660	2.562	12.9	23.4
8 19	23 23.50	−12 15.1	1.591	2.558	8.5	23.1
8 29	23 8.04	−13 55.5	1.550	2.550	4.0	22.9
9 8	22 51.22	−15 30.3	1.542	2.539	4.1	22.8
9 18	22 34.60	−16 49.3	1.567	2.525	8.7	23.1
9 28	22 19.82	−17 45.8	1.622	2.507	13.3	23.3
10 8	22 8.02	−18 18.0	1.701	2.486	17.3	23.5

479682 2014 DE_{87} 9 5.1 301°.36 0°.4/ 4.7 18

7 30	23 18.48	− 4 57.4	1.563	2.419	16.1	21.6
8 9	23 15.36	− 5 27.5	1.471	2.398	12.6	21.3
8 19	23 9.77	− 6 13.5	1.400	2.377	8.3	21.0
8 29	23 2.22	− 7 11.4	1.352	2.356	3.5	20.7
9 8	22 53.62	− 8 14.5	1.330	2.336	1.8	20.5
9 18	22 45.10	− 9 14.7	1.333	2.316	6.9	20.8
9 28	22 37.89	−10 4.6	1.361	2.296	11.7	21.0
10 8	22 32.94	−10 38.6	1.411	2.276	16.0	21.2

39268 2001 AK_7 9 5.1 208°.54 2°.9/ 1.5 18

7 30	23 17.00	−12 32.6	2.397	3.251	11.3	19.2
8 9	23 13.21	−13 38.9	2.321	3.249	8.5	19.0
8 19	23 7.80	−14 51.5	2.269	3.246	5.6	18.8
8 29	23 1.21	−16 5.0	2.244	3.244	3.1	18.6
9 8	22 54.10	−17 13.3	2.248	3.241	3.7	18.7
9 18	22 47.18	−18 11.3	2.281	3.238	6.5	18.8
9 28	22 41.18	−18 54.8	2.340	3.235	9.4	19.0
10 8	22 36.66	−19 22.0	2.422	3.232	12.0	19.2

356217 Clymene 9 5.1 316°.97 0°.4/ 5.7 16

7 30	23 14.08	− 4 30.0	4.157	4.971	7.6	20.4
8 9	23 10.27	− 4 31.0	4.063	4.965	5.9	20.3
8 19	23 5.54	− 4 37.0	3.995	4.960	3.9	20.1
8 29	23 0.19	− 4 46.7	3.954	4.955	1.8	20.0
9 8	22 54.56	− 4 58.3	3.943	4.950	0.6	19.9
9 18	22 49.01	− 5 10.1	3.963	4.944	2.8	20.1
9 28	22 43.95	− 5 20.1	4.011	4.939	4.9	20.2
10 8	22 39.70	− 5 26.7	4.087	4.934	6.8	20.3

434261 2003 UD_{212} 9 5.1 358°.21 9°.2/13.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 3.24	+14 13.3	1.007	1.843	24.4	19.2
8 9	23 4.39	+14 44.1	0.942	1.834	21.1	18.9
8 19	23 2.92	+14 34.4	0.890	1.828	17.2	18.7
8 29	22 59.38	+13 40.4	0.855	1.824	13.1	18.4
9 8	22 54.85	+12 4.6	0.839	1.823	9.8	18.3
9 18	22 50.64	+ 9 56.8	0.842	1.825	9.5	18.3
9 28	22 48.09	+ 7 33.5	0.866	1.830	12.5	18.4
10 8	22 48.15	+ 5 13.0	0.910	1.838	16.5	18.7

164761 1998 WU_6 9 5.1 287°.04 3°.9/ 8.9 18

7 30	23 17.53	+ 6 23.4	1.932	2.731	15.7	20.6
8 9	23 14.19	+ 6 20.5	1.829	2.711	12.9	20.3
8 19	23 8.78	+ 5 57.6	1.746	2.691	9.6	20.1
8 29	23 1.77	+ 5 14.8	1.687	2.670	6.2	19.8
9 8	22 53.87	+ 4 15.0	1.653	2.650	4.0	19.7
9 18	22 46.00	+ 3 3.5	1.646	2.630	5.7	19.7
9 28	22 39.15	+ 1 47.5	1.666	2.609	9.3	19.9
10 8	22 34.13	+ 0 34.8	1.710	2.589	13.0	20.1

391816 2008 SZ_{16} 9 5.1 281°.41 0°.0/ 5.0 18

7 30	23 22.88	− 5 47.0	1.779	2.621	15.1	21.8
8 9	23 18.49	− 5 54.6	1.681	2.599	11.8	21.5
8 19	23 11.71	− 6 13.5	1.604	2.577	7.8	21.2
8 29	23 3.04	− 6 40.9	1.551	2.555	3.3	20.9
9 8	22 53.35	− 7 11.8	1.526	2.532	1.4	20.7
9 18	22 43.71	− 7 41.0	1.527	2.509	6.2	21.0
9 28	22 35.26	− 8 3.0	1.554	2.486	10.8	21.2
10 8	22 28.95	− 8 14.0	1.605	2.463	14.8	21.4

2966 Korsunia 9 5.1 80°.35 1°.6/ 3.8 18

7 30	23 23.27	− 8 6.7	1.535	2.392	16.3	17.0
8 9	23 18.63	− 8 43.5	1.479	2.407	12.4	16.8
8 19	23 11.57	− 9 31.5	1.444	2.423	8.0	16.6
8 29	23 2.84	−10 24.5	1.434	2.438	3.3	16.3
9 8	22 53.51	−11 15.3	1.450	2.453	2.6	16.3
9 18	22 44.72	−11 57.2	1.492	2.469	7.0	16.7
9 28	22 37.54	−12 25.2	1.559	2.484	11.3	16.9
10 8	22 32.71	−12 36.9	1.648	2.499	14.8	17.2

85255 1993 TZ_{13} 9 5.1 337°.03 2°.4/ 7.6 18

7 30	23 12.78	+ 3 30.8	1.763	2.590	15.8	18.7
8 9	23 10.61	+ 3 1.3	1.673	2.577	12.7	18.4
8 19	23 6.45	+ 2 10.5	1.604	2.564	9.0	18.2
8 29	23 0.77	+ 1 0.5	1.558	2.553	5.0	17.9
9 8	22 54.33	− 0 23.4	1.538	2.541	2.4	17.7
9 18	22 48.04	− 1 53.7	1.544	2.531	5.4	17.9
9 28	22 42.83	− 3 21.9	1.575	2.522	9.5	18.1
10 8	22 39.47	− 4 40.0	1.631	2.513	13.3	18.3

235237 2003 SE_{276} 9 5.1 62°.40 3°.0/ 7.9 18

7 30	23 18.92	+ 3 44.3	1.776	2.591	16.2	20.9
8 9	23 15.17	+ 3 36.8	1.701	2.595	13.0	20.7
8 19	23 9.32	+ 3 10.3	1.646	2.600	9.3	20.5
8 29	23 1.94	+ 2 26.4	1.614	2.605	5.4	20.3
9 8	22 53.89	+ 1 29.5	1.608	2.610	3.0	20.1
9 18	22 46.12	+ 0 25.7	1.630	2.615	5.4	20.3
9 28	22 39.60	− 0 37.7	1.677	2.620	9.3	20.5
10 8	22 35.04	− 1 34.3	1.748	2.625	12.8	20.8

256892 Wutayou 9 5.1 167°.45 1°.5/ 3.8 17

7 30	23 24.01	− 8 1.7	1.802	2.648	14.8	21.1
8 9	23 19.03	− 8 39.2	1.730	2.652	11.3	20.9
8 19	23 11.82	− 9 27.3	1.679	2.655	7.3	20.7
8 29	23 2.99	−10 20.6	1.654	2.658	3.1	20.4
9 8	22 53.47	−11 12.8	1.657	2.660	2.4	20.4
9 18	22 44.28	−11 57.5	1.687	2.662	6.6	20.7
9 28	22 36.45	−12 29.9	1.743	2.663	10.6	20.9
10 8	22 30.74	−12 47.2	1.823	2.664	14.1	21.1

325589 2009 SG_{150} 9 5.1 306°.86 0°.7/ 4.5 18

7 30	23 20.39	− 7 54.7	2.082	2.926	13.1	19.9
8 9	23 16.18	− 8 0.7	1.985	2.905	10.2	19.7
8 19	23 9.98	− 8 14.6	1.909	2.884	6.7	19.4
8 29	23 2.25	− 8 33.5	1.860	2.864	2.8	19.1
9 8	22 53.74	− 8 53.2	1.838	2.843	1.6	19.0
9 18	22 45.33	− 9 9.5	1.843	2.823	5.6	19.2
9 28	22 37.94	− 9 18.7	1.876	2.803	9.5	19.4
10 8	22 32.32	− 9 17.9	1.932	2.783	12.9	19.6

323068 2002 TS_{54} 9 5.1 332°.04 10°.3/24.7 18

7 30	23 25.51	−38 18.3	2.173	3.010	12.9	19.9
8 9	23 20.20	−39 23.0	2.120	3.001	11.4	19.8
8 19	23 12.55	−40 14.9	2.089	2.992	10.5	19.7
8 29	23 3.26	−40 45.9	2.081	2.984	10.4	19.7
9 8	22 53.38	−40 50.3	2.096	2.976	11.3	19.8
9 18	22 44.00	−40 25.9	2.134	2.968	12.8	19.9
9 28	22 36.18	−39 33.5	2.193	2.961	14.5	20.0
10 8	22 30.62	−38 17.2	2.270	2.954	16.2	20.1

363746 2004 *YW* 9 5.1 228°.70 3°.6/10.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 19.88	+10 13.8	3.803	4.532	9.8	22.0
8 9	23 14.86	+10 29.3	3.686	4.515	8.2	21.9
8 19	23 8.66	+10 33.9	3.592	4.498	6.4	21.7
8 29	23 1.58	+10 27.4	3.525	4.481	4.7	21.6
9 8	22 54.04	+10 10.7	3.486	4.462	3.6	21.5
9 18	22 46.52	+ 9 45.2	3.478	4.443	4.0	21.5
9 28	22 39.52	+ 9 13.7	3.499	4.424	5.6	21.6
10 8	22 33.47	+ 8 39.2	3.549	4.404	7.5	21.7

20418 1998 SH_{71} 9 5.1 309°.91 0°.8/ 4.5 18

7 30	23 17.73	− 5 9.5	1.371	2.237	17.4	18.6
8 9	23 15.09	− 5 45.4	1.287	2.219	13.6	18.4
8 19	23 9.76	− 6 39.4	1.221	2.201	8.9	18.0
8 29	23 2.30	− 7 46.6	1.179	2.184	3.7	17.7
9 8	22 53.71	− 8 58.8	1.161	2.166	2.1	17.5
9 18	22 45.25	−10 6.8	1.167	2.150	7.6	17.8
9 28	22 38.27	−11 1.6	1.197	2.134	12.8	18.1
10 8	22 33.81	−11 37.3	1.248	2.118	17.3	18.3

212380 2006 HQ_{55} 9 5.1 57°.82 1°.8/ 6.6 17

7 30	23 19.22	+ 1 51.5	1.209	2.059	20.3	19.8
8 9	23 16.10	+ 1 10.0	1.155	2.074	15.9	19.6
8 19	23 10.22	+ 0 2.5	1.118	2.088	10.9	19.3
8 29	23 2.37	− 1 25.9	1.104	2.103	5.4	19.1
9 8	22 53.75	− 3 5.5	1.113	2.119	2.0	18.9
9 18	22 45.71	− 4 44.8	1.147	2.134	6.8	19.3
9 28	22 39.49	− 6 12.7	1.204	2.150	11.8	19.6
10 8	22 35.90	− 7 21.5	1.283	2.166	16.2	19.9

269144 2008 AR_{31} 9 5.1 251°.35 11°.7/23.4 16

7 30	23 19.55	−21 28.0	1.129	2.027	18.0	19.6
8 9	23 17.30	−25 16.6	1.076	2.020	14.4	19.4
8 19	23 11.66	−29 13.9	1.046	2.012	12.0	19.2
8 29	23 3.22	−32 56.3	1.041	2.004	12.2	19.2
9 8	22 53.32	−36 0.8	1.060	1.995	14.8	19.4
9 18	22 43.68	−38 12.7	1.101	1.987	18.5	19.5
9 28	22 36.11	−39 27.7	1.159	1.978	22.0	19.8
10 8	22 31.87	−39 51.0	1.231	1.969	25.0	20.0

231509 2008 RT_{69} 9 5.1 288°.04 1°.0/ 7.0 17

7 30	23 10.59	+ 0 18.1	4.419	5.218	7.5	20.4
8 9	23 7.63	− 0 0.8	4.322	5.212	5.9	20.2
8 19	23 3.85	− 0 26.7	4.249	5.205	4.1	20.1
8 29	22 59.51	− 0 58.4	4.204	5.198	2.1	19.9
9 8	22 54.91	− 1 34.0	4.187	5.192	1.0	19.8
9 18	22 50.38	− 2 11.2	4.201	5.185	2.5	20.0
9 28	22 46.27	− 2 47.9	4.244	5.178	4.4	20.1
10 8	22 42.87	− 3 21.6	4.315	5.172	6.2	20.2

212918 2007 YL_{4} 9 5.1 44°.69 0°.5/ 5.4 18

7 30	23 24.35	− 4 47.3	1.152	2.018	20.0	19.8
8 9	23 20.16	− 4 44.9	1.099	2.029	15.5	19.6
8 19	23 12.93	− 4 58.7	1.065	2.042	10.3	19.3
8 29	23 3.52	− 5 24.4	1.051	2.055	4.5	19.1
9 8	22 53.30	− 5 55.3	1.062	2.068	1.6	18.9
9 18	22 43.78	− 6 24.1	1.096	2.082	7.3	19.3
9 28	22 36.33	− 6 44.3	1.154	2.097	12.5	19.7
10 8	22 31.82	− 6 51.6	1.232	2.111	16.9	20.0

339159 2004 TT_{54} 9 5.1 319°.41 9°.6/29.1 18

7 30	23 25.63	−27 12.9	1.434	2.310	16.2	20.5
8 9	23 21.26	−28 13.5	1.366	2.293	13.3	20.3
8 19	23 13.79	−29 8.6	1.317	2.276	10.7	20.1
8 29	23 3.96	−29 46.8	1.291	2.260	9.6	20.0
9 8	22 53.08	−29 58.6	1.289	2.245	10.7	20.0
9 18	22 42.65	−29 38.7	1.309	2.230	13.5	20.1
9 28	22 34.15	−28 46.8	1.350	2.216	16.8	20.3
10 8	22 28.58	−27 27.1	1.410	2.202	19.9	20.5

49465 1999 AT_{8} 9 5.1 333°.37 1°.4/ 6.3 18

7 30	23 16.20	− 0 20.4	1.614	2.456	16.4	19.5
8 9	23 13.40	− 0 43.6	1.532	2.448	12.9	19.2
8 19	23 8.35	− 1 25.4	1.470	2.440	8.8	19.0
8 29	23 1.61	− 2 22.9	1.432	2.432	4.3	18.7
9 8	22 54.04	− 3 30.2	1.419	2.425	1.6	18.5
9 18	22 46.67	− 4 39.8	1.432	2.418	5.9	18.8
9 28	22 40.58	− 5 43.9	1.470	2.412	10.4	19.0
10 8	22 36.57	− 6 35.9	1.530	2.407	14.4	19.2

476029 2007 RC_{230} 9 5.1 316°.00 1°.8/ 3.6 18

7 30	23 19.20	− 9 6.4	1.575	2.440	15.6	21.0
8 9	23 15.86	− 9 33.7	1.490	2.423	12.0	20.7
8 19	23 10.07	−10 12.2	1.426	2.406	7.8	20.4
8 29	23 2.37	−10 56.6	1.385	2.389	3.4	20.1
9 8	22 53.71	−11 40.2	1.370	2.373	2.9	20.1
9 18	22 45.22	−12 16.2	1.380	2.357	7.4	20.3
9 28	22 38.09	−12 38.8	1.415	2.342	11.9	20.5
10 8	22 33.22	−12 44.7	1.471	2.328	15.9	20.7

480722 2015 UE_{26} 9 5.1 203°.45 4°.4/31.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 19.64	−19 17.1	2.445	3.302	11.0	20.9
8 9	23 15.20	−20 8.9	2.375	3.301	8.4	20.8
8 19	23 9.09	−21 1.5	2.330	3.300	6.0	20.6
8 29	23 1.80	−21 49.3	2.311	3.298	4.4	20.5
9 8	22 54.01	−22 27.2	2.320	3.297	5.1	20.5
9 18	22 46.46	−22 51.1	2.357	3.295	7.4	20.7
9 28	22 39.92	−22 59.0	2.419	3.293	10.0	20.9
10 8	22 34.94	−22 50.4	2.504	3.291	12.3	21.0

371947 2008 ET_{149} 9 5.1 171°.47 1°.2/ 4.2 17

7 30	23 25.05	− 8 5.0	1.632	2.482	15.9	21.7
8 9	23 20.07	− 8 23.9	1.559	2.483	12.2	21.5
8 19	23 12.63	− 8 53.1	1.508	2.484	7.9	21.2
8 29	23 3.39	− 9 27.9	1.481	2.485	3.3	21.0
9 8	22 53.36	−10 2.3	1.481	2.486	2.2	20.9
9 18	22 43.70	−10 30.4	1.508	2.486	6.8	21.2
9 28	22 35.56	−10 47.5	1.560	2.486	11.1	21.4
10 8	22 29.75	−10 50.9	1.635	2.486	14.9	21.7

174489 2003 BV_{10} 9 5.1 127°.63 4°.5/30.3 18

7 30	23 18.23	−17 1.5	2.255	3.117	11.6	19.9
8 9	23 14.25	−18 32.9	2.195	3.125	8.8	19.8
8 19	23 8.53	−20 7.6	2.160	3.133	6.1	19.6
8 29	23 1.58	−21 38.4	2.152	3.140	4.6	19.5
9 8	22 54.11	−22 58.2	2.172	3.148	5.5	19.6
9 18	22 46.91	−24 1.4	2.220	3.155	8.0	19.8
9 28	22 40.75	−24 44.7	2.294	3.162	10.7	20.0
10 8	22 36.22	−25 7.4	2.389	3.168	13.1	20.2

277555 2005 YD_{115} 9 5.1 90°.33 5°.2/31.2 18

7 30	23 21.01	−16 31.2	1.686	2.557	14.4	20.1
8 9	23 16.88	−17 51.1	1.630	2.565	11.0	19.9
8 19	23 10.46	−19 15.1	1.597	2.574	7.5	19.7
8 29	23 2.43	−20 34.7	1.590	2.582	5.3	19.6
9 8	22 53.77	−21 41.0	1.608	2.591	6.3	19.7
9 18	22 45.55	−22 27.7	1.653	2.599	9.3	19.9
9 28	22 38.78	−22 51.3	1.721	2.607	12.7	20.1
10 8	22 34.20	−22 51.9	1.810	2.616	15.6	20.3

304332 2006 SX_{223} 9 5.1 326°.94 0°.4/ 5.5 18

7 30	23 17.73	− 3 8.9	1.857	2.698	14.6	20.9
8 9	23 14.25	− 3 33.4	1.776	2.693	11.4	20.7
8 19	23 8.74	− 4 11.9	1.716	2.688	7.5	20.5
8 29	23 1.73	− 5 0.9	1.680	2.683	3.3	20.2
9 8	22 54.03	− 5 55.2	1.671	2.678	1.2	20.0
9 18	22 46.54	− 6 48.7	1.690	2.674	5.5	20.3
9 28	22 40.19	− 7 35.3	1.734	2.670	9.6	20.6
10 8	22 35.72	− 8 10.5	1.802	2.666	13.2	20.8

228205 1994 JP_{2} 9 5.1 123°.39 2°.6/ 2.6 17

7 30	23 23.06	−11 38.6	2.030	2.879	13.2	21.4
8 9	23 17.97	−12 26.6	1.969	2.894	10.0	21.2
8 19	23 10.94	−13 21.0	1.931	2.908	6.4	21.0
8 29	23 2.58	−14 15.9	1.920	2.921	3.2	20.9
9 8	22 53.72	−15 5.4	1.937	2.935	3.4	20.9
9 18	22 45.26	−15 44.4	1.982	2.947	6.6	21.1
9 28	22 38.05	−16 9.2	2.054	2.959	10.0	21.4
10 8	22 32.72	−16 18.5	2.148	2.971	12.9	21.6

39610 1993 TD_{38} 9 5.1 270°.82 0°.0/ 4.9 18

7 30	23 19.80	− 2 48.5	1.483	2.333	17.1	19.4
8 9	23 16.47	− 3 28.7	1.398	2.320	13.4	19.1
8 19	23 10.56	− 4 28.5	1.332	2.307	8.9	18.8
8 29	23 2.63	− 5 43.6	1.290	2.294	3.8	18.5
9 8	22 53.64	− 7 6.1	1.274	2.280	1.6	18.3
9 18	22 44.81	− 8 26.7	1.283	2.267	6.9	18.6
9 28	22 37.40	− 9 36.5	1.317	2.253	11.9	18.9
10 8	22 32.37	−10 28.8	1.373	2.239	16.3	19.1

209986 2006 HV_{78} 9 5.1 68°.64 6°.9/31.8 17

7 30	23 28.70	−19 45.7	1.239	2.117	18.1	20.2
8 9	23 23.28	−20 43.9	1.199	2.136	13.9	20.0
8 19	23 14.79	−21 41.5	1.179	2.154	9.8	19.9
8 29	23 4.24	−22 27.9	1.182	2.173	7.1	19.8
9 8	22 53.10	−22 53.9	1.209	2.191	7.9	19.9
9 18	22 42.91	−22 54.7	1.260	2.210	11.3	20.1
9 28	22 34.97	−22 29.9	1.333	2.228	15.0	20.4
10 8	22 30.04	−21 42.8	1.426	2.247	18.3	20.7

115410 2003 SN_{296} 9 5.1 129°.05 7°.2/12.4 18

7 30	23 21.23	+14 39.4	2.018	2.760	16.9	19.8
8 9	23 16.83	+15 17.3	1.937	2.766	14.5	19.7
8 19	23 10.39	+15 33.4	1.874	2.771	11.8	19.5
8 29	23 2.43	+15 25.8	1.833	2.776	9.2	19.3
9 8	22 53.77	+14 55.2	1.816	2.781	7.4	19.3
9 18	22 45.31	+14 4.8	1.826	2.786	7.5	19.3
9 28	22 38.00	+13 0.9	1.861	2.790	9.4	19.4
10 8	22 32.58	+11 51.2	1.921	2.795	12.0	19.6

125083 2001 UM_{12} 9 5.1 305°.16 0°.3/ 5.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 19.95	− 4 11.5	1.467	2.322	17.1	20.5
8 9	23 16.70	− 4 21.6	1.377	2.302	13.4	20.2
8 19	23 10.80	− 4 47.3	1.306	2.281	9.0	19.9
8 29	23 2.77	− 5 25.5	1.257	2.260	4.0	19.5
9 8	22 53.60	− 6 10.6	1.234	2.240	1.5	19.3
9 18	22 44.49	− 6 55.3	1.235	2.220	6.9	19.6
9 28	22 36.79	− 7 32.4	1.261	2.201	12.0	19.8
10 8	22 31.53	− 7 56.3	1.308	2.182	16.5	20.1

168838 2000 TB_{40} 9 5.1 316°.71 6°.1/31.5 18

7 30	23 18.36	−15 5.0	1.159	2.053	17.9	19.5
8 9	23 16.10	−16 20.9	1.087	2.035	13.9	19.2
8 19	23 10.71	−17 48.1	1.034	2.017	9.5	18.9
8 29	23 2.80	−19 15.6	1.003	2.000	6.3	18.7
9 8	22 53.60	−20 30.3	0.994	1.984	7.6	18.7
9 18	22 44.65	−21 21.0	1.008	1.969	12.0	18.9
9 28	22 37.56	−21 40.9	1.042	1.954	16.8	19.1
10 8	22 33.47	−21 29.3	1.094	1.940	21.0	19.4

98776 2000 YN_{84} 9 5.1 195°.65 5°.7/29.1 18

7 30	23 21.61	−21 32.3	2.301	3.159	11.5	19.8
8 9	23 16.93	−23 0.9	2.233	3.156	9.0	19.6
8 19	23 10.36	−24 30.1	2.190	3.153	6.8	19.5
8 29	23 2.40	−25 52.3	2.174	3.149	5.7	19.4
9 8	22 53.82	−27 0.6	2.186	3.145	6.7	19.5
9 18	22 45.46	−27 49.7	2.225	3.140	9.0	19.6
9 28	22 38.19	−28 16.9	2.289	3.134	11.5	19.8
10 8	22 32.66	−28 22.5	2.374	3.128	13.8	19.9

11668 Balios 9 5.1 318°.21 0°.8/ 3.8 17

7 30	23 12.65	− 9 14.2	3.853	4.689	7.8	18.3
8 9	23 9.33	− 9 35.6	3.762	4.680	5.9	18.2
8 19	23 5.03	−10 1.1	3.697	4.671	3.8	18.0
8 29	23 0.06	−10 28.6	3.659	4.662	1.6	17.9
9 8	22 54.78	−10 55.6	3.650	4.653	1.3	17.8
9 18	22 49.60	−11 19.9	3.671	4.644	3.5	18.0
9 28	22 44.92	−11 39.0	3.720	4.636	5.6	18.1
10 8	22 41.10	−11 51.6	3.796	4.627	7.6	18.3

89836 2002 CM_{15} 9 5.1 261°.88 0°.6/ 4.0 17

7 30	23 11.79	− 8 6.3	4.276	5.107	7.2	20.4
8 9	23 8.56	− 8 31.0	4.191	5.105	5.4	20.3
8 19	23 4.48	− 8 59.8	4.131	5.104	3.5	20.2
8 29	22 59.81	− 9 30.8	4.100	5.103	1.4	20.0
9 8	22 54.89	−10 1.7	4.098	5.102	1.0	20.0
9 18	22 50.07	−10 30.4	4.126	5.101	3.0	20.1
9 28	22 45.70	−10 54.9	4.183	5.099	5.0	20.3
10 8	22 42.10	−11 13.4	4.266	5.098	6.8	20.4

257896 2000 TL_{3} 9 5.1 339°.71 0°.0/ 4.9 18

7 30	23 17.03	− 4 7.1	1.838	2.684	14.5	20.3
8 9	23 13.73	− 4 36.0	1.758	2.679	11.2	20.1
8 19	23 8.42	− 5 18.4	1.700	2.674	7.4	19.8
8 29	23 1.63	− 6 10.5	1.667	2.670	3.1	19.6
9 8	22 54.14	− 7 6.7	1.659	2.666	1.3	19.4
9 18	22 46.88	− 8 0.7	1.679	2.662	5.7	19.7
9 28	22 40.76	− 8 46.6	1.725	2.659	9.7	19.9
10 8	22 36.51	− 9 20.0	1.794	2.656	13.3	20.2

316737 1998 UW_{9} 9 5.1 303°.14 1°.7/ 7.1 18

7 30	23 15.69	+ 1 33.2	2.229	3.045	13.3	20.6
8 9	23 12.38	+ 1 6.4	2.140	3.038	10.6	20.4
8 19	23 7.39	+ 0 24.2	2.072	3.032	7.3	20.2
8 29	23 1.16	− 0 31.0	2.029	3.025	3.9	20.0
9 8	22 54.34	− 1 35.0	2.014	3.019	1.7	19.8
9 18	22 47.66	− 2 42.5	2.027	3.013	4.5	20.0
9 28	22 41.90	− 3 47.5	2.067	3.006	8.0	20.2
10 8	22 37.65	− 4 44.8	2.133	3.000	11.2	20.4

439759 2015 FN_{336} 9 5.1 43°.86 6°.3/30.4 17

7 30	23 19.42	−18 9.9	1.484	2.366	15.4	19.9
8 9	23 15.89	−19 40.7	1.440	2.380	11.8	19.7
8 19	23 9.90	−21 13.7	1.418	2.394	8.3	19.5
8 29	23 2.23	−22 38.7	1.420	2.409	6.4	19.5
9 8	22 53.95	−23 46.1	1.447	2.424	7.5	19.6
9 18	22 46.23	−24 29.4	1.498	2.440	10.5	19.8
9 28	22 40.14	−24 45.9	1.572	2.456	13.8	20.0
10 8	22 36.39	−24 36.8	1.666	2.472	16.7	20.3

448719 2011 AA_{76} 9 5.1 257°.03 0°.8/ 6.0 17

7 30	23 18.12	− 2 15.2	2.660	3.476	11.4	22.0
8 9	23 14.00	− 2 31.1	2.558	3.460	8.9	21.8
8 19	23 8.35	− 2 57.3	2.480	3.444	6.0	21.6
8 29	23 1.55	− 3 31.7	2.428	3.428	2.8	21.4
9 8	22 54.19	− 4 11.0	2.405	3.411	1.0	21.2
9 18	22 46.90	− 4 51.5	2.411	3.394	4.2	21.4
9 28	22 40.37	− 5 29.0	2.446	3.377	7.4	21.6
10 8	22 35.16	− 6 0.1	2.506	3.359	10.3	21.8

486001 2012 MR_{7} 9 5.1 287°.53 35°.1/27.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 28.56	+35 41.0	0.908	1.599	35.9	21.2
8 9	23 27.20	+40 55.1	0.843	1.574	35.5	21.0
8 19	23 20.77	+45 49.5	0.786	1.548	35.2	20.8
8 29	23 8.51	+50 3.8	0.740	1.521	35.1	20.6
9 8	22 50.71	+53 16.1	0.701	1.494	35.3	20.5
9 18	22 29.43	+55 7.1	0.670	1.468	35.9	20.3
9 28	22 8.98	+55 28.8	0.646	1.441	36.8	20.2
10 8	21 54.02	+54 29.8	0.626	1.416	38.0	20.2

439330 2012 WR_{16} 9 5.1 204°.13 4°.3/31.3 18

7 30	23 20.25	−16 47.3	2.176	3.035	12.1	21.4
8 9	23 15.93	−17 56.6	2.103	3.032	9.2	21.2
8 19	23 9.73	−19 9.6	2.055	3.029	6.3	21.1
8 29	23 2.16	−20 19.7	2.034	3.025	4.4	20.9
9 8	22 53.97	−21 20.2	2.040	3.021	5.3	21.0
9 18	22 46.03	−22 5.7	2.073	3.017	7.9	21.1
9 28	22 39.16	−22 32.7	2.132	3.012	10.9	21.3
10 8	22 34.05	−22 40.6	2.214	3.007	13.5	21.5

441190 2007 TD_{453} 9 5.1 24°.65 3°.0/ 2.3 18

7 30	23 20.18	−12 22.3	1.795	2.658	14.1	21.3
8 9	23 16.15	−13 8.3	1.727	2.659	10.7	21.1
8 19	23 9.98	−14 1.2	1.682	2.661	7.0	20.9
8 29	23 2.28	−14 55.0	1.662	2.663	3.6	20.7
9 8	22 53.93	−15 42.9	1.668	2.665	3.9	20.7
9 18	22 45.92	−16 18.9	1.701	2.667	7.4	20.9
9 28	22 39.22	−16 39.1	1.759	2.669	11.1	21.1
10 8	22 34.53	−16 41.9	1.839	2.672	14.3	21.4

515409 2013 HS_{26} 9 5.1 235°.74 6°.2/29.2 18

7 30	23 22.44	−25 6.8	2.368	3.223	11.3	21.7
8 9	23 17.52	−26 5.3	2.298	3.216	9.1	21.6
8 19	23 10.71	−27 0.9	2.252	3.209	7.1	21.4
8 29	23 2.56	−27 47.1	2.233	3.201	6.2	21.3
9 8	22 53.82	−28 18.2	2.241	3.193	7.0	21.4
9 18	22 45.36	−28 30.4	2.275	3.185	9.1	21.5
9 28	22 38.02	−28 22.3	2.333	3.177	11.4	21.7
10 8	22 32.44	−27 54.9	2.414	3.169	13.6	21.8

313285 2002 CY_{19} 9 5.1 171°.25 3°.8/ 1.9 17

7 30	23 23.49	−12 12.1	1.560	2.424	15.7	21.1
8 9	23 19.04	−13 20.3	1.494	2.427	12.0	20.9
8 19	23 12.06	−14 37.9	1.449	2.429	7.8	20.7
8 29	23 3.22	−15 56.9	1.430	2.430	4.3	20.5
9 8	22 53.56	−17 7.9	1.436	2.431	4.9	20.5
9 18	22 44.30	−18 2.9	1.469	2.432	8.7	20.8
9 28	22 36.61	−18 36.9	1.526	2.432	12.8	21.0
10 8	22 31.31	−18 48.3	1.604	2.432	16.3	21.2

352478 2008 BV_{19} 9 5.1 246°.43 1°.6/ 3.6 18

7 30	23 19.61	− 8 48.6	2.028	2.878	13.2	20.8
8 9	23 15.51	− 9 25.1	1.951	2.875	10.1	20.6
8 19	23 9.49	−10 10.4	1.896	2.873	6.5	20.4
8 29	23 2.07	−11 0.0	1.866	2.870	2.8	20.1
9 8	22 54.03	−11 48.4	1.865	2.868	2.4	20.1
9 18	22 46.23	−12 29.9	1.891	2.865	6.1	20.3
9 28	22 39.53	−13 0.3	1.943	2.862	9.7	20.6
10 8	22 34.62	−13 16.8	2.019	2.859	12.9	20.8

319602 2006 SB_{200} 9 5.1 160°.81 1°.6/ 3.9 18

7 30	23 24.93	− 8 50.3	1.590	2.444	16.0	20.9
8 9	23 20.06	− 9 14.6	1.520	2.446	12.3	20.7
8 19	23 12.69	− 9 48.9	1.471	2.448	8.0	20.4
8 29	23 3.48	−10 28.3	1.446	2.449	3.4	20.2
9 8	22 53.48	−11 5.9	1.447	2.451	2.6	20.1
9 18	22 43.87	−11 35.8	1.475	2.452	7.1	20.4
9 28	22 35.82	−11 53.2	1.529	2.453	11.4	20.7
10 8	22 30.14	−11 55.7	1.604	2.454	15.2	20.9

154196 2002 GD_{152} 9 5.1 180°.34 0°.0/ 4.9 18

7 30	23 16.57	− 3 10.9	2.423	3.251	12.0	20.5
8 9	23 12.88	− 3 57.8	2.341	3.252	9.3	20.3
8 19	23 7.62	− 4 56.6	2.282	3.252	6.1	20.1
8 29	23 1.25	− 6 3.6	2.250	3.252	2.6	19.9
9 8	22 54.37	− 7 13.8	2.246	3.252	1.1	19.8
9 18	22 47.67	− 8 22.0	2.271	3.252	4.6	20.0
9 28	22 41.84	− 9 22.8	2.324	3.251	7.9	20.3
10 8	22 37.44	−10 12.6	2.403	3.251	10.9	20.4

205174 2000 BO 9 5.1 294°.37 4°.7/31.1 18

7 30	23 17.41	−13 31.9	1.765	2.636	13.9	19.9
8 9	23 14.44	−15 7.9	1.672	2.608	10.7	19.7
8 19	23 9.18	−16 56.1	1.601	2.580	7.2	19.4
8 29	23 2.10	−18 48.2	1.556	2.553	4.8	19.2
9 8	22 53.98	−20 33.8	1.538	2.525	6.0	19.2
9 18	22 45.87	−22 3.3	1.547	2.496	9.6	19.4
9 28	22 38.90	−23 9.3	1.579	2.468	13.4	19.5
10 8	22 33.97	−23 48.5	1.633	2.440	16.9	19.7

478975 2012 XT_{104} 9 5.1 343°.68 5°.9/10.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 16.93	+ 9 22.7	1.560	2.362	18.7	20.5
8 9	23 14.10	+ 9 40.3	1.479	2.357	15.6	20.3
8 19	23 8.92	+ 9 33.2	1.416	2.352	12.1	20.0
8 29	23 1.94	+ 9 0.4	1.374	2.348	8.4	19.8
9 8	22 54.08	+ 8 4.5	1.355	2.345	6.0	19.7
9 18	22 46.41	+ 6 51.3	1.361	2.342	7.0	19.7
9 28	22 40.08	+ 5 29.8	1.391	2.339	10.4	19.9
10 8	22 35.94	+ 4 9.6	1.445	2.337	14.1	20.1

347062 2010 FY_{10} 9 5.1 39°.37 1°.6/ 3.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 19.15	− 7 42.4	1.604	2.465	15.6	20.7
8 9	23 15.54	− 8 27.1	1.541	2.471	11.9	20.5
8 19	23 9.67	− 9 23.9	1.498	2.478	7.6	20.3
8 29	23 2.18	−10 26.7	1.480	2.485	3.2	20.0
9 8	22 54.02	−11 28.1	1.488	2.492	2.6	20.0
9 18	22 46.26	−12 20.9	1.522	2.499	6.9	20.3
9 28	22 39.90	−12 59.5	1.582	2.507	11.1	20.6
10 8	22 35.69	−13 20.9	1.663	2.515	14.6	20.8

370216 2002 JA_{148} 9 5.1 55°.40 2°.3/ 3.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 21.65	− 6 54.9	1.165	2.039	19.3	20.9
8 9	23 17.91	− 8 4.5	1.126	2.063	14.5	20.6
8 19	23 11.34	− 9 29.7	1.106	2.088	9.2	20.4
8 29	23 2.86	−11 0.9	1.109	2.113	3.9	20.2
9 8	22 53.80	−12 26.6	1.136	2.139	3.5	20.3
9 18	22 45.53	−13 37.0	1.187	2.164	8.4	20.6
9 28	22 39.24	−14 25.4	1.262	2.190	13.0	21.0
10 8	22 35.67	−14 49.8	1.357	2.215	16.9	21.3

483648 2004 YA_{2} 9 5.1 255°.92 8°.1/15.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 19.60	+22 11.7	2.802	3.464	14.2	21.4
8 9	23 15.28	+23 0.4	2.694	3.449	12.7	21.3
8 19	23 9.30	+23 30.8	2.603	3.434	11.1	21.1
8 29	23 2.03	+23 40.2	2.533	3.418	9.5	21.0
9 8	22 54.06	+23 27.6	2.488	3.402	8.3	20.9
9 18	22 46.06	+22 53.9	2.468	3.386	8.1	20.9
9 28	22 38.81	+22 2.5	2.474	3.369	8.9	20.9
10 8	22 32.94	+20 58.8	2.505	3.353	10.5	21.0

195293 2002 EO_{85} 9 5.1 190°.89 0°.3/ 4.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 20.06	− 4 31.8	1.877	2.717	14.5	20.6
8 9	23 16.01	− 5 9.9	1.799	2.717	11.2	20.3
8 19	23 9.90	− 6 1.4	1.743	2.716	7.3	20.1
8 29	23 2.28	− 7 2.0	1.712	2.715	3.0	19.8
9 8	22 53.98	− 8 5.6	1.708	2.714	1.5	19.7
9 18	22 45.93	− 9 5.6	1.732	2.713	5.8	20.0
9 28	22 39.07	− 9 56.0	1.783	2.711	9.8	20.3
10 8	22 34.11	−10 32.8	1.857	2.710	13.3	20.5

288969 2004 TP_{34} 9 5.1 84°.61 2°.7/ 8.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 16.76	+ 4 43.9	2.293	3.090	13.6	20.8
8 9	23 13.08	+ 4 26.8	2.215	3.098	10.9	20.7
8 19	23 7.78	+ 3 53.6	2.157	3.105	7.9	20.5
8 29	23 1.33	+ 3 6.0	2.124	3.112	4.7	20.3
9 8	22 54.38	+ 2 7.6	2.119	3.119	2.7	20.2
9 18	22 47.65	+ 1 3.5	2.142	3.126	4.5	20.3
9 28	22 41.86	− 0 0.8	2.192	3.133	7.5	20.5
10 8	22 37.57	− 0 59.9	2.269	3.140	10.5	20.7

447272 2005 UC_{429} 9 5.1 338°.17 0°.8/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 16.89	− 1 51.5	1.934	2.770	14.3	21.3
8 9	23 13.55	− 2 14.8	1.852	2.765	11.2	21.0
8 19	23 8.28	− 2 52.5	1.792	2.761	7.5	20.8
8 29	23 1.60	− 3 41.6	1.756	2.757	3.5	20.6
9 8	22 54.26	− 4 37.0	1.747	2.753	1.2	20.4
9 18	22 47.13	− 5 33.0	1.765	2.750	5.2	20.7
9 28	22 41.07	− 6 23.5	1.809	2.747	9.1	20.9
10 8	22 36.79	− 7 3.7	1.878	2.744	12.6	21.1

130116 1999 XH_{79} 9 5.1 350°.96 2°.8/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 18.58	−10 44.5	1.458	2.332	16.1	19.4
8 9	23 15.45	−11 25.4	1.390	2.327	12.3	19.2
8 19	23 9.81	−12 16.6	1.342	2.323	8.0	18.9
8 29	23 2.32	−13 11.4	1.317	2.320	3.8	18.7
9 8	22 53.99	−14 1.8	1.317	2.318	3.9	18.7
9 18	22 46.02	−14 40.4	1.342	2.316	8.1	18.9
9 28	22 39.56	−15 1.9	1.391	2.315	12.4	19.2
10 8	22 35.46	−15 4.1	1.461	2.315	16.2	19.4

146004 2000 CN_{55} 9 5.1 264°.52 0°.0/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 20.06	− 3 13.9	1.642	2.486	16.0	20.5
8 9	23 16.47	− 3 53.1	1.553	2.472	12.5	20.3
8 19	23 10.50	− 4 49.8	1.484	2.458	8.3	20.0
8 29	23 2.66	− 5 59.8	1.440	2.443	3.6	19.7
9 8	22 53.84	− 7 16.2	1.422	2.429	1.5	19.5
9 18	22 45.16	− 8 30.7	1.431	2.414	6.5	19.8
9 28	22 37.75	− 9 35.4	1.465	2.398	11.2	20.0
10 8	22 32.52	−10 24.4	1.522	2.383	15.3	20.2

505255 2012 UY_{144} 9 5.1 246°.78 12°.2/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 30.84	−40 7.9	1.880	2.713	14.8	20.8
8 9	23 24.76	−41 32.9	1.835	2.709	13.2	20.7
8 19	23 15.80	−42 42.1	1.811	2.705	12.3	20.6
8 29	23 4.79	−43 25.1	1.810	2.701	12.3	20.6
9 8	22 53.06	−43 35.0	1.830	2.697	13.3	20.6
9 18	22 42.04	−43 9.4	1.872	2.692	14.9	20.7
9 28	22 33.00	−42 10.6	1.934	2.688	16.6	20.9
10 8	22 26.77	−40 44.2	2.013	2.684	18.3	21.0

447367 2006 AO_{34} 9 5.1 293°.10 10°.7/19.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 20.12	−37 51.5	2.205	3.051	12.4	19.9
8 9	23 16.39	−39 58.7	2.155	3.038	11.2	19.8
8 19	23 10.35	−41 55.3	2.129	3.024	10.7	19.7
8 29	23 2.55	−43 31.5	2.126	3.011	11.1	19.7
9 8	22 53.91	−44 39.9	2.147	2.998	12.2	19.8
9 18	22 45.48	−45 16.5	2.190	2.984	13.8	19.9
9 28	22 38.35	−45 20.8	2.251	2.971	15.5	20.0
10 8	22 33.35	−44 55.8	2.327	2.958	17.0	20.1

225779 2001 TW_{151} 9 5.1 2°.01 4°.8/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 14.76	−12 32.2	1.080	1.980	18.5	19.0
8 9	23 13.19	−13 39.1	1.026	1.977	14.1	18.7
8 19	23 8.65	−14 57.8	0.990	1.976	9.3	18.5
8 29	23 1.90	−16 17.9	0.975	1.977	5.3	18.3
9 8	22 54.20	−17 27.3	0.982	1.979	6.1	18.3
9 18	22 47.01	−18 15.7	1.012	1.982	10.6	18.6
9 28	22 41.72	−18 37.3	1.062	1.987	15.3	18.9
10 8	22 39.23	−18 30.9	1.131	1.993	19.3	19.1

342709 2008 WW_{1} 9 5.2 243°.44 1°.9/ 7.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 19.99	+ 1 50.7	2.260	3.065	13.5	22.0
8 9	23 15.78	+ 1 28.9	2.156	3.048	10.8	21.8
8 19	23 9.73	+ 0 51.6	2.075	3.031	7.6	21.5
8 29	23 2.26	+ 0 0.5	2.018	3.013	4.1	21.3
9 8	22 54.05	− 1 0.6	1.990	2.994	1.9	21.1
9 18	22 45.88	− 2 6.4	1.991	2.975	4.7	21.3
9 28	22 38.61	− 3 10.9	2.020	2.956	8.4	21.5
10 8	22 32.94	− 4 8.7	2.074	2.935	11.8	21.6

510855 2013 CG_{75} 9 5.2 60°.01 3°.1/ 7.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 24.86	+ 1 46.5	2.005	2.809	15.0	20.8
8 9	23 19.34	+ 2 18.6	1.942	2.830	12.0	20.6
8 19	23 11.87	+ 2 37.3	1.900	2.851	8.6	20.5
8 29	23 3.07	+ 2 43.1	1.884	2.872	5.1	20.3
9 8	22 53.78	+ 2 38.2	1.894	2.894	3.1	20.2
9 18	22 44.91	+ 2 25.9	1.933	2.915	5.1	20.4
9 28	22 37.31	+ 2 10.6	1.999	2.937	8.4	20.6
10 8	22 31.62	+ 1 56.4	2.091	2.958	11.4	20.9

521310 2015 KY_{169} 9 5.2 18°.33 1°.8/ 6.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 15.35	+ 0 39.6	1.334	2.187	18.5	21.3
8 9	23 13.02	+ 0 17.6	1.274	2.194	14.6	21.1
8 19	23 8.22	− 0 26.2	1.232	2.202	10.0	20.8
8 29	23 1.65	− 1 28.2	1.212	2.212	5.0	20.6
9 8	22 54.33	− 2 41.0	1.216	2.222	2.0	20.4
9 18	22 47.44	− 3 55.6	1.245	2.233	6.2	20.7
9 28	22 42.09	− 5 3.0	1.297	2.245	10.9	21.0
10 8	22 39.07	− 5 56.3	1.372	2.259	15.0	21.3

59288 1999 CQ_{54} 9 5.2 259°.83 0°.4/ 4.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 22.67	− 5 54.4	1.748	2.592	15.2	19.3
8 9	23 18.32	− 6 13.4	1.660	2.580	11.8	19.1
8 19	23 11.63	− 6 44.6	1.593	2.567	7.8	18.8
8 29	23 3.12	− 7 24.3	1.550	2.554	3.3	18.5
9 8	22 53.71	− 8 6.9	1.534	2.540	1.6	18.4
9 18	22 44.45	− 8 46.3	1.546	2.527	6.3	18.6
9 28	22 36.47	− 9 17.0	1.583	2.513	10.7	18.9
10 8	22 30.62	− 9 34.9	1.643	2.499	14.6	19.1

508129 2015 ER_{40} 9 5.2 226°.52 2°.1/ 3.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 24.50	− 9 57.3	1.668	2.522	15.4	22.2
8 9	23 19.77	−10 29.8	1.589	2.516	11.8	21.9
8 19	23 12.57	−11 11.9	1.532	2.510	7.7	21.7
8 29	23 3.51	−11 58.0	1.500	2.503	3.4	21.4
9 8	22 53.58	−12 41.4	1.494	2.496	3.1	21.4
9 18	22 43.92	−13 15.7	1.515	2.488	7.3	21.6
9 28	22 35.70	−13 35.8	1.561	2.481	11.6	21.9
10 8	22 29.77	−13 39.5	1.630	2.473	15.4	22.1

339242 2004 VW_{17} 9 5.2 359°.15 2°.8/ 3.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 15.37	− 9 43.5	1.144	2.035	18.4	20.4
8 9	23 13.53	−10 23.3	1.084	2.030	14.0	20.1
8 19	23 8.83	−11 16.6	1.042	2.028	9.1	19.8
8 29	23 1.98	−12 15.8	1.022	2.026	4.1	19.6
9 8	22 54.20	−13 11.1	1.024	2.027	4.0	19.6
9 18	22 46.87	−13 53.3	1.050	2.028	8.9	19.8
9 28	22 41.34	−14 16.0	1.096	2.032	13.9	20.1
10 8	22 38.50	−14 16.3	1.162	2.036	18.1	20.4

310615 2001 YA_{158} 9 5.2 153°.77 3°.3/ 2.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 25.00	−11 31.7	1.531	2.392	16.1	21.7
8 9	23 20.23	−12 24.7	1.466	2.397	12.3	21.5
8 19	23 12.86	−13 27.0	1.423	2.402	8.0	21.2
8 29	23 3.61	−14 31.1	1.404	2.406	4.0	21.0
9 8	22 53.57	−15 28.5	1.411	2.409	4.3	21.0
9 18	22 43.98	−16 11.9	1.445	2.413	8.3	21.3
9 28	22 36.02	−16 36.5	1.503	2.415	12.5	21.5
10 8	22 30.52	−16 40.9	1.583	2.418	16.1	21.8

18766 Broderick 9 5.2 39°.55 0°.7/ 5.7 18 R

7 30	23 20.52	− 2 58.9	1.460	2.311	17.4	18.5
8 9	23 16.80	− 3 14.6	1.397	2.318	13.5	18.2
8 19	23 10.61	− 3 46.6	1.353	2.327	9.0	18.0
8 29	23 2.65	− 4 30.8	1.333	2.335	4.0	17.7
9 8	22 53.96	− 5 20.9	1.338	2.344	1.4	17.6
9 18	22 45.71	− 6 9.9	1.368	2.354	6.3	17.9
9 28	22 39.01	− 6 50.8	1.423	2.363	10.9	18.2
10 8	22 34.65	− 7 19.0	1.501	2.373	14.8	18.5

134900 2000 WT_{120} 9 5.2 150°.18 6°.3/29.1 18

7 30	23 24.18	−24 22.1	2.244	3.099	11.9	20.1
8 9	23 18.86	−25 36.9	2.190	3.108	9.4	20.0
8 19	23 11.60	−26 48.7	2.160	3.116	7.3	19.9
8 29	23 2.98	−27 50.3	2.156	3.124	6.3	19.8
9 8	22 53.84	−28 35.4	2.179	3.131	7.2	19.9
9 18	22 45.08	−29 0.0	2.230	3.138	9.3	20.0
9 28	22 37.57	−29 2.9	2.304	3.144	11.7	20.2
10 8	22 31.93	−28 45.3	2.400	3.149	13.8	20.4

207322 2005 GY_{111} 9 5.2 42°.88 6°.7/29.9 18

7 30	23 21.67	−21 44.2	1.724	2.596	14.1	20.0
8 9	23 17.45	−22 56.2	1.670	2.602	11.0	19.8
8 19	23 10.91	−24 7.3	1.639	2.607	8.2	19.6
8 29	23 2.74	−25 8.7	1.632	2.613	6.7	19.6
9 8	22 53.94	−25 52.6	1.650	2.618	7.7	19.6
9 18	22 45.60	−26 13.9	1.694	2.624	10.3	19.8
9 28	22 38.76	−26 10.9	1.761	2.631	13.3	20.0
10 8	22 34.13	−25 45.0	1.848	2.637	16.0	20.2

221458 2006 BD_{57} 9 5.2 205°.89 1°.6/ 3.1 18

7 30	23 16.49	− 8 38.5	2.449	3.294	11.4	20.4
8 9	23 12.84	− 9 34.6	2.370	3.292	8.6	20.3
8 19	23 7.64	−10 39.2	2.314	3.291	5.5	20.1
8 29	23 1.31	−11 47.8	2.286	3.289	2.4	19.8
9 8	22 54.49	−12 54.8	2.287	3.288	2.4	19.8
9 18	22 47.84	−13 55.1	2.316	3.286	5.5	20.1
9 28	22 42.06	−14 44.3	2.373	3.284	8.5	20.2
10 8	22 37.70	−15 19.7	2.454	3.282	11.3	20.4

36194 1999 TP_{89} 9 5.2 21°.20 5°.7/31.8 18

7 30	23 22.95	−20 19.9	1.645	2.517	14.7	18.2
8 9	23 18.41	−20 55.1	1.592	2.524	11.4	18.0
8 19	23 11.50	−21 29.1	1.560	2.533	8.0	17.8
8 29	23 2.97	−21 54.7	1.552	2.542	5.8	17.7
9 8	22 53.87	−22 5.7	1.570	2.551	6.5	17.8
9 18	22 45.34	−21 58.3	1.613	2.562	9.3	18.0
9 28	22 38.40	−21 31.2	1.680	2.573	12.6	18.2
10 8	22 33.74	−20 46.3	1.768	2.584	15.5	18.4

252196 2001 FA_{52} 9 5.2 178°.01 3°.1/ 8.0 18

7 30	23 22.29	+ 4 16.5	1.846	2.650	16.1	21.1
8 9	23 17.80	+ 4 5.1	1.764	2.651	13.0	20.9
8 19	23 11.14	+ 3 34.3	1.702	2.653	9.4	20.7
8 29	23 2.88	+ 2 45.8	1.664	2.653	5.5	20.5
9 8	22 53.87	+ 1 43.8	1.652	2.654	3.1	20.3
9 18	22 45.09	+ 0 34.4	1.669	2.653	5.5	20.5
9 28	22 37.54	− 0 35.1	1.712	2.652	9.3	20.7
10 8	22 32.00	− 1 37.7	1.779	2.651	12.9	20.9

509242 2006 TR_{100} 9 5.2 311°.95 0°.2/ 5.0 18

7 30	23 20.47	− 5 36.4	1.302	2.168	18.2	21.8
8 9	23 17.44	− 5 45.6	1.219	2.150	14.2	21.5
8 19	23 11.50	− 6 10.4	1.153	2.132	9.5	21.2
8 29	23 3.23	− 6 46.9	1.110	2.114	4.0	20.8
9 8	22 53.71	− 7 28.5	1.091	2.097	1.8	20.6
9 18	22 44.33	− 8 7.6	1.096	2.081	7.5	20.9
9 28	22 36.55	− 8 36.5	1.124	2.065	13.0	21.2
10 8	22 31.48	− 8 50.1	1.172	2.050	17.7	21.4

100512 1997 AN_{20} 9 5.2 48°.48 0°.7/ 5.9 18

7 30	23 18.28	− 2 12.2	1.981	2.814	14.1	20.0
8 9	23 14.49	− 2 33.7	1.910	2.821	11.0	19.8
8 19	23 8.84	− 3 8.4	1.859	2.828	7.3	19.6
8 29	23 1.86	− 3 53.3	1.834	2.835	3.4	19.4
9 8	22 54.32	− 4 43.4	1.836	2.843	1.1	19.3
9 18	22 47.07	− 5 33.3	1.866	2.850	5.0	19.5
9 28	22 40.93	− 6 17.6	1.922	2.858	8.8	19.8
10 8	22 36.54	− 6 52.1	2.002	2.866	12.0	20.0

169873 2002 RP_{105} 9 5.2 309°.44 7°.3/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 25.25	−24 4.3	1.698	2.566	14.5	19.3
8 9	23 20.54	−24 51.1	1.620	2.547	11.6	19.1
8 19	23 13.19	−25 35.2	1.564	2.528	8.9	18.9
8 29	23 3.83	−26 8.1	1.531	2.509	7.4	18.8
9 8	22 53.53	−26 22.0	1.523	2.490	8.3	18.8
9 18	22 43.52	−26 11.9	1.540	2.472	11.1	18.9
9 28	22 35.07	−25 36.3	1.581	2.455	14.3	19.1
10 8	22 29.08	−24 37.5	1.642	2.437	17.4	19.2

289000 2004 TB_{71} 9 5.2 317°.24 1°.7/ 3.6 18

7 30	23 21.47	−10 55.5	2.099	2.948	12.9	20.4
8 9	23 16.93	−11 8.7	2.017	2.941	9.8	20.2
8 19	23 10.45	−11 27.6	1.958	2.935	6.4	20.0
8 29	23 2.56	−11 48.4	1.925	2.928	2.8	19.8
9 8	22 54.05	−12 6.7	1.920	2.922	2.5	19.7
9 18	22 45.76	−12 18.5	1.942	2.916	6.0	19.9
9 28	22 38.59	−12 20.6	1.991	2.911	9.5	20.1
10 8	22 33.19	−12 11.3	2.064	2.905	12.7	20.3

468683 2009 PF_{21} 9 5.2 27°.05 1°.2/ 5.9 17

7 30	23 19.03	− 2 33.8	1.032	1.907	21.1	20.3
8 9	23 16.35	− 2 37.8	0.986	1.920	16.4	20.1
8 19	23 10.61	− 3 2.8	0.956	1.934	11.0	19.8
8 29	23 2.71	− 3 44.0	0.947	1.950	5.0	19.6
9 8	22 54.02	− 4 33.5	0.960	1.967	1.7	19.4
9 18	22 46.04	− 5 22.1	0.996	1.985	7.3	19.8
9 28	22 40.12	− 6 1.2	1.054	2.004	12.6	20.2
10 8	22 37.09	− 6 25.3	1.131	2.024	17.1	20.5

127957 2003 HF_{15} 9 5.2 36°.42 9°.5/28.1 17

7 30	23 22.05	−25 38.9	1.376	2.260	16.3	19.1
8 9	23 18.29	−27 17.9	1.336	2.269	13.1	19.0
8 19	23 11.69	−28 51.1	1.318	2.279	10.5	18.9
8 29	23 3.13	−30 6.7	1.322	2.289	9.6	18.8
9 8	22 53.86	−30 54.7	1.349	2.300	10.8	18.9
9 18	22 45.28	−31 10.1	1.398	2.311	13.4	19.1
9 28	22 38.61	−30 52.7	1.468	2.323	16.3	19.3
10 8	22 34.64	−30 6.8	1.556	2.335	18.9	19.6

6386 Keithnoll 9 5.2 332°.49 7°.5/29.7 18

7 30	23 6.71	−13 30.0	0.904	1.825	19.1	14.7
8 9	23 7.74	−15 21.1	0.829	1.793	14.8	14.3
8 19	23 5.66	−17 35.2	0.772	1.763	10.2	13.9
8 29	23 0.91	−19 58.7	0.735	1.734	7.5	13.7
9 8	22 54.63	−22 12.2	0.718	1.707	9.8	13.7
9 18	22 48.42	−23 56.5	0.720	1.683	15.0	13.8
9 28	22 44.12	−24 58.0	0.739	1.660	20.4	14.1
10 8	22 43.09	−25 12.5	0.772	1.641	25.3	14.3

128378 2004 JB_{29} 9 5.2 25°.51 11°.2/28.9 17

7 30	23 22.09	−26 47.3	1.043	1.942	19.1	18.7
8 9	23 18.86	−28 14.7	1.015	1.956	15.4	18.5
8 19	23 12.25	−29 32.0	1.005	1.971	12.4	18.4
8 29	23 3.35	−30 25.6	1.016	1.987	11.2	18.4
9 8	22 53.82	−30 45.3	1.047	2.005	12.4	18.5
9 18	22 45.33	−30 27.8	1.099	2.024	15.1	18.8
9 28	22 39.26	−29 35.6	1.169	2.044	18.2	19.0
10 8	22 36.32	−28 15.6	1.257	2.066	21.0	19.3

33185 1998 FB_{31} 9 5.2 190°.81 0°.3/ 5.6 18

7 30	23 18.57	− 0 54.2	1.968	2.796	14.4	18.7
8 9	23 14.83	− 1 51.9	1.886	2.795	11.2	18.5
8 19	23 9.15	− 3 6.6	1.825	2.794	7.5	18.3
8 29	23 2.04	− 4 34.2	1.791	2.792	3.3	18.0
9 8	22 54.26	− 6 7.9	1.784	2.791	1.1	17.9
9 18	22 46.68	− 7 40.1	1.806	2.789	5.4	18.2
9 28	22 40.20	− 9 3.4	1.855	2.786	9.4	18.4
10 8	22 35.49	−10 12.1	1.929	2.783	12.8	18.6

321413 2009 QC_{12} 9 5.2 281°.58 0°.4/ 4.8 18

7 30	23 20.96	− 7 1.3	2.280	3.116	12.4	20.6
8 9	23 16.40	− 7 7.9	2.192	3.108	9.6	20.4
8 19	23 10.05	− 7 22.3	2.127	3.100	6.3	20.2
8 29	23 2.40	− 7 41.6	2.089	3.092	2.6	19.9
9 8	22 54.13	− 8 2.2	2.078	3.084	1.3	19.8
9 18	22 46.03	− 8 20.2	2.096	3.076	5.0	20.1
9 28	22 38.92	− 8 32.3	2.141	3.068	8.5	20.3
10 8	22 33.43	− 8 35.9	2.211	3.060	11.6	20.5

171644 2000 FJ_{7} 9 5.2 115°.02 0°.2/ 4.9 18

7 30	23 19.75	− 4 51.4	1.954	2.794	14.0	21.3
8 9	23 15.70	− 5 18.9	1.878	2.795	10.8	21.1
8 19	23 9.68	− 5 58.2	1.824	2.797	7.1	20.9
8 29	23 2.25	− 6 45.6	1.795	2.798	3.0	20.6
9 8	22 54.19	− 7 35.7	1.794	2.800	1.3	20.5
9 18	22 46.40	− 8 22.9	1.820	2.801	5.5	20.8
9 28	22 39.75	− 9 2.1	1.873	2.803	9.3	21.0
10 8	22 34.92	− 9 29.5	1.949	2.804	12.7	21.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
34537 2000 SW_{221}			9 5.2	10°.26	7°.1/28.9	18
	h m	° ′			°	m
7 30	23 16.84	−21 11.2	1.624	2.507	14.2	18.0
8 9	23 13.94	−22 46.2	1.572	2.510	11.1	17.8
8 19	23 8.74	−24 21.5	1.542	2.512	8.4	17.6
8 29	23 1.88	−25 47.4	1.536	2.516	7.1	17.6
9 8	22 54.35	−26 54.4	1.555	2.520	8.4	17.6
9 18	22 47.22	−27 36.4	1.599	2.525	11.1	17.8
9 28	22 41.53	−27 50.7	1.664	2.531	14.1	18.0
10 8	22 38.00	−27 38.5	1.749	2.537	16.7	18.2
291248 2006 BT_{52}			9 5.2	99°.28	1°.0/ 3.9	18
7 30	23 17.78	− 7 39.0	2.434	3.274	11.6	21.7
8 9	23 13.76	− 8 17.3	2.363	3.283	8.8	21.5
8 19	23 8.20	− 9 3.5	2.316	3.291	5.6	21.4
8 29	23 1.56	− 9 53.7	2.296	3.299	2.3	21.2
9 8	22 54.49	−10 43.4	2.304	3.308	1.8	21.1
9 18	22 47.65	−11 27.9	2.341	3.316	5.0	21.4
9 28	22 41.74	−12 3.5	2.405	3.324	8.1	21.6
10 8	22 37.27	−12 27.7	2.494	3.332	10.8	21.8
310564 2001 RJ_{121}			9 5.2	289°.23	2°.3/ 3.7	17
7 30	23 24.25	− 9 45.7	1.281	2.151	18.1	20.7
8 9	23 20.46	−10 8.6	1.200	2.135	14.1	20.4
8 19	23 13.55	−10 43.6	1.138	2.118	9.2	20.1
8 29	23 4.14	−11 24.9	1.098	2.102	4.1	19.8
9 8	22 53.42	−12 4.1	1.082	2.086	3.4	19.7
9 18	22 42.88	−12 33.1	1.091	2.069	8.7	20.0
9 28	22 34.10	−12 45.7	1.123	2.053	14.0	20.2
10 8	22 28.24	−12 38.9	1.174	2.037	18.7	20.5
22227 Polyxenos			9 5.2	274°.32	2°.2/ 9.4	18
7 30	23 12.11	+ 6 8.2	4.537	5.300	7.8	19.4
8 9	23 8.84	+ 6 9.0	4.432	5.290	6.4	19.2
8 19	23 4.74	+ 6 1.7	4.350	5.280	4.8	19.1
8 29	23 0.06	+ 5 46.7	4.295	5.270	3.2	19.0
9 8	22 55.09	+ 5 25.2	4.269	5.260	2.2	18.9
9 18	22 50.19	+ 4 59.0	4.272	5.250	2.8	18.9
9 28	22 45.68	+ 4 30.2	4.305	5.240	4.3	19.1
10 8	22 41.88	+ 4 1.1	4.365	5.230	6.0	19.2
65670 1988 CS_5			9 5.2	322°.59	6°.0/ 9.0	18
7 30	23 20.95	+ 5 38.3	1.513	2.327	18.6	18.5
8 9	23 17.50	+ 6 34.7	1.421	2.309	15.5	18.2
8 19	23 11.42	+ 7 13.3	1.347	2.292	11.9	18.0
8 29	23 3.20	+ 7 31.7	1.295	2.275	8.2	17.7
9 8	22 53.79	+ 7 30.0	1.267	2.259	6.0	17.6
9 18	22 44.41	+ 7 11.0	1.263	2.243	7.6	17.6
9 28	22 36.37	+ 6 40.5	1.283	2.228	11.3	17.8
10 8	22 30.74	+ 6 6.5	1.325	2.214	15.3	18.0
81324 2000 GC_{21}			9 5.2	49°.30	1°.1/ 6.2	18
7 30	23 19.12	− 1 17.1	1.814	2.647	15.2	19.3
8 9	23 15.32	− 1 35.6	1.742	2.653	11.9	19.1
8 19	23 9.49	− 2 9.1	1.692	2.659	8.0	18.9
8 29	23 2.18	− 2 54.6	1.666	2.666	3.8	18.7
9 8	22 54.26	− 3 47.0	1.666	2.672	1.4	18.5
9 18	22 46.63	− 4 40.1	1.693	2.679	5.3	18.8
9 28	22 40.24	− 5 28.0	1.747	2.686	9.3	19.1
10 8	22 35.75	− 6 5.9	1.825	2.693	12.8	19.3
177950 2006 KW_{96}			9 5.2	66°.24	4°.8/ 8.9	17
7 30	23 23.30	+ 5 45.3	1.317	2.139	20.5	20.3
8 9	23 19.14	+ 6 1.6	1.260	2.155	16.6	20.1
8 19	23 12.26	+ 5 52.9	1.221	2.172	12.2	19.8
8 29	23 3.41	+ 5 19.9	1.202	2.188	7.7	19.6
9 8	22 53.81	+ 4 27.5	1.207	2.205	4.8	19.5
9 18	22 44.76	+ 3 23.1	1.237	2.222	6.9	19.7
9 28	22 37.50	+ 2 16.3	1.292	2.239	11.0	20.0
10 8	22 32.87	+ 1 15.9	1.368	2.256	15.0	20.3
219466 2001 AQ_{10}			9 5.2	266°.39	2°.9/10.9	18
7 30	23 12.18	+ 9 57.8	4.528	5.266	8.2	20.0
8 9	23 8.91	+10 2.9	4.423	5.258	6.8	19.8
8 19	23 4.80	+ 9 58.6	4.340	5.250	5.3	19.7
8 29	23 0.09	+ 9 45.2	4.284	5.242	3.9	19.6
9 8	22 55.11	+ 9 23.7	4.255	5.233	2.9	19.5
9 18	22 50.18	+ 8 55.8	4.256	5.225	3.2	19.6
9 28	22 45.65	+ 8 23.5	4.285	5.217	4.5	19.6
10 8	22 41.84	+ 7 49.5	4.342	5.208	6.0	19.7
257202 2008 RU_{122}			9 5.2	251°.21	0°.9/ 6.9	18
7 30	23 11.48	− 0 26.0	4.619	5.418	7.2	20.6
8 9	23 8.33	− 0 38.0	4.524	5.414	5.6	20.5
8 19	23 4.39	− 0 56.3	4.453	5.410	3.9	20.4
8 29	22 59.91	− 1 19.7	4.410	5.405	2.0	20.2
9 8	22 55.19	− 1 46.4	4.397	5.401	0.9	20.1
9 18	22 50.54	− 2 14.7	4.413	5.397	2.4	20.3
9 28	22 46.29	− 2 42.4	4.459	5.393	4.3	20.4
10 8	22 42.73	− 3 7.5	4.533	5.388	6.0	20.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
326900 2003 WL_{75}			9 5.2	297°.39	2°.6/ 3.0	18
	h m	° ′			°	m
7 30	23 18.38	− 7 43.3	1.375	2.246	17.1	20.5
8 9	23 15.64	− 8 49.9	1.297	2.233	13.1	20.2
8 19	23 10.22	−10 14.0	1.238	2.220	8.5	19.9
8 29	23 2.68	−11 48.2	1.202	2.207	3.8	19.6
9 8	22 54.08	−13 22.1	1.192	2.194	3.8	19.5
9 18	22 45.66	−14 44.7	1.206	2.181	8.6	19.8
9 28	22 38.75	−15 47.2	1.244	2.168	13.5	20.0
10 8	22 34.36	−16 25.0	1.302	2.156	17.8	20.3
260173 2004 RL_{97}			9 5.2	353°.59	5°.2/ 9.6	18
7 30	23 15.74	+ 6 45.4	1.613	2.427	17.7	19.6
8 9	23 13.14	+ 7 14.2	1.532	2.420	14.6	19.4
8 19	23 8.31	+ 7 22.3	1.471	2.415	11.1	19.1
8 29	23 1.80	+ 7 8.9	1.430	2.410	7.5	18.9
9 8	22 54.45	+ 6 36.3	1.414	2.407	5.3	18.8
9 18	22 47.31	+ 5 49.1	1.422	2.405	6.5	18.9
9 28	22 41.42	+ 4 54.5	1.455	2.404	9.9	19.1
10 8	22 37.60	+ 4 0.5	1.511	2.404	13.5	19.3
187749 1993 FC_{61}			9 5.2	213°.50	1°.3/ 4.0	18
7 30	23 22.73	− 7 5.3	1.822	2.667	14.7	21.3
8 9	23 18.24	− 7 45.9	1.740	2.661	11.3	21.0
8 19	23 11.52	− 8 38.5	1.680	2.656	7.3	20.8
8 29	23 3.13	− 9 38.1	1.646	2.649	3.1	20.5
9 8	22 53.94	−10 38.2	1.638	2.643	2.2	20.4
9 18	22 44.97	−11 32.0	1.659	2.635	6.5	20.7
9 28	22 37.25	−12 13.8	1.705	2.628	10.6	20.9
10 8	22 31.59	−12 40.1	1.775	2.619	14.2	21.1
134365 1995 GG_2			9 5.2	12°.51	1°.4/ 6.3	17
7 30	23 6.61	+ 2 5.4	0.824	1.718	23.3	18.6
8 9	23 7.39	+ 1 8.9	0.778	1.723	18.3	18.3
8 19	23 5.09	− 0 23.8	0.748	1.730	12.4	18.0
8 29	23 0.51	− 2 25.0	0.737	1.740	5.9	17.7
9 8	22 55.00	− 4 39.5	0.745	1.752	1.8	17.5
9 18	22 50.05	− 6 49.5	0.774	1.766	7.9	17.9
9 28	22 47.07	− 8 38.6	0.823	1.782	13.8	18.3
10 8	22 46.93	− 9 57.1	0.891	1.800	18.8	18.7
218583 2005 KD			9 5.2	35°.38	4°.3/ 8.1	17
7 30	23 21.51	+ 2 52.4	1.074	1.926	22.1	19.6
8 9	23 18.14	+ 3 18.4	1.029	1.945	17.7	19.4
8 19	23 11.74	+ 3 19.1	1.001	1.964	12.7	19.2
8 29	23 3.23	+ 2 55.9	0.992	1.985	7.4	19.0
9 8	22 53.98	+ 2 14.4	1.005	2.007	4.3	18.9
9 18	22 45.46	+ 1 23.0	1.041	2.029	7.2	19.2
9 28	22 39.02	+ 0 31.5	1.100	2.053	11.9	19.5
10 8	22 35.46	− 0 11.9	1.180	2.077	16.1	19.8
113271 2002 RE_{153}			9 5.2	257°.81	4°.2/ 9.5	18
7 30	23 18.74	+ 7 33.5	2.103	2.888	15.0	20.3
8 9	23 14.99	+ 7 34.5	2.006	2.876	12.4	20.0
8 19	23 9.32	+ 7 16.8	1.929	2.865	9.4	19.8
8 29	23 2.20	+ 6 40.4	1.875	2.853	6.2	19.6
9 8	22 54.33	+ 5 48.0	1.848	2.841	4.2	19.5
9 18	22 46.54	+ 4 44.0	1.848	2.829	5.4	19.5
9 28	22 39.73	+ 3 34.8	1.875	2.817	8.6	19.7
10 8	22 34.61	+ 2 27.4	1.927	2.804	11.8	19.9
392469 2011 EJ_{36}			9 5.2	179°.93	1°.3/ 3.9	17
7 30	23 22.77	− 7 24.5	1.936	2.778	14.0	21.9
8 9	23 18.07	− 8 4.3	1.859	2.779	10.8	21.6
8 19	23 11.30	− 8 54.7	1.805	2.780	7.0	21.4
8 29	23 3.00	− 9 50.9	1.777	2.780	2.9	21.2
9 8	22 54.03	−10 46.7	1.776	2.780	2.2	21.1
9 18	22 45.33	−11 36.2	1.803	2.779	6.1	21.4
9 28	22 37.85	−12 14.3	1.857	2.778	10.0	21.6
10 8	22 32.29	−12 38.0	1.935	2.776	13.4	21.8
237046 2008 SV_{125}			9 5.2	330°.93	0°.1/ 5.3	18
7 30	23 20.09	− 4 23.2	1.559	2.411	16.4	21.0
8 9	23 16.54	− 4 39.6	1.482	2.405	12.8	20.7
8 19	23 10.56	− 5 10.5	1.425	2.400	8.5	20.5
8 29	23 2.77	− 5 52.3	1.392	2.395	3.7	20.2
9 8	22 54.12	− 6 38.8	1.384	2.391	1.4	20.0
9 18	22 45.73	− 7 23.5	1.402	2.386	6.3	20.3
9 28	22 38.75	− 7 59.8	1.445	2.383	10.9	20.6
10 8	22 34.01	− 8 23.3	1.510	2.379	14.9	20.8
278292 2007 GT_{50}			9 5.2	111°.13	5°.2/ 1.1	16
7 30	23 27.20	−19 5.2	1.730	2.591	14.6	20.2
8 9	23 21.63	−19 46.5	1.671	2.599	11.3	20.0
8 19	23 13.64	−20 28.0	1.634	2.606	7.9	19.8
8 29	23 3.98	−21 2.6	1.623	2.613	5.4	19.7
9 8	22 53.70	−21 23.5	1.637	2.621	6.1	19.7
9 18	22 43.94	−21 26.5	1.679	2.628	9.0	19.9
9 28	22 35.80	−21 9.9	1.745	2.634	12.3	20.1
10 8	22 29.99	−20 35.0	1.832	2.641	15.3	20.4

516909 2011 UN_{75} 9 5.2 292°.52 2°.8/ 2.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 19.79	−11 39.8	1.913	2.772	13.5	21.5
8 9	23 16.07	−12 25.4	1.818	2.748	10.4	21.3
8 19	23 10.18	−13 19.8	1.746	2.724	6.8	21.0
8 29	23 2.62	−14 17.6	1.699	2.701	3.5	20.7
9 8	22 54.16	−15 11.8	1.679	2.677	3.7	20.7
9 18	22 45.78	−15 56.2	1.686	2.653	7.4	20.9
9 28	22 38.48	−16 25.5	1.718	2.629	11.3	21.1
10 8	22 33.11	−16 37.0	1.773	2.605	14.8	21.2

342134 2008 SB_{127} 9 5.2 56°.60 2°.3/ 7.2 16

7 30	23 19.66	+ 1 44.8	1.584	2.414	17.2	20.9
8 9	23 16.01	+ 1 29.0	1.518	2.423	13.6	20.7
8 19	23 10.08	+ 0 53.7	1.471	2.433	9.5	20.5
8 29	23 2.50	+ 0 1.5	1.448	2.444	5.1	20.3
9 8	22 54.25	− 1 1.7	1.450	2.454	2.3	20.1
9 18	22 46.37	− 2 8.7	1.478	2.465	5.7	20.4
9 28	22 39.91	− 3 11.8	1.532	2.476	9.9	20.6
10 8	22 35.60	− 4 4.6	1.609	2.486	13.7	20.9

57986 2002 PA_{134} 9 5.2 347°.26 0°.2/ 5.4 18

7 30	23 17.89	− 3 6.7	1.662	2.510	15.7	19.5
8 9	23 14.67	− 3 36.3	1.586	2.507	12.2	19.2
8 19	23 9.24	− 4 21.5	1.530	2.504	8.1	19.0
8 29	23 2.18	− 5 18.5	1.499	2.501	3.6	18.7
9 8	22 54.36	− 6 21.0	1.493	2.499	1.3	18.5
9 18	22 46.80	− 7 21.9	1.513	2.498	6.0	18.9
9 28	22 40.51	− 8 14.2	1.559	2.496	10.3	19.1
10 8	22 36.28	− 8 53.0	1.628	2.496	14.1	19.3

387385 2013 AX_{98} 9 5.2 223°.04 1°.0/ 7.3 18

7 30	23 11.86	+ 0 13.6	4.919	5.711	6.9	21.3
8 9	23 8.58	+ 0 6.4	4.821	5.707	5.4	21.1
8 19	23 4.55	− 0 6.8	4.749	5.702	3.8	21.0
8 29	23 0.01	− 0 24.9	4.704	5.697	2.0	20.9
9 8	22 55.24	− 0 46.5	4.689	5.692	1.0	20.8
9 18	22 50.53	− 1 9.9	4.704	5.688	2.3	20.9
9 28	22 46.20	− 1 33.2	4.749	5.683	4.0	21.0
10 8	22 42.51	− 1 54.7	4.821	5.677	5.6	21.1

383227 2006 AJ_{85} 9 5.2 178°.39 8°.7/15.5 18

7 30	23 25.46	+23 11.4	2.633	3.280	15.3	22.1
8 9	23 19.86	+24 8.1	2.539	3.283	13.7	22.0
8 19	23 12.39	+24 44.8	2.463	3.285	11.9	21.9
8 29	23 3.49	+24 58.3	2.409	3.285	10.2	21.7
9 8	22 53.86	+24 47.5	2.379	3.286	9.0	21.7
9 18	22 44.31	+24 13.4	2.374	3.285	8.7	21.7
9 28	22 35.68	+23 20.2	2.396	3.284	9.5	21.7
10 8	22 28.68	+22 14.0	2.443	3.281	11.0	21.8

319222 2005 YZ_{272} 9 5.2 349°.73 1°.5/ 3.5 18

7 30	23 14.91	− 6 46.9	1.893	2.750	13.7	20.2
8 9	23 12.14	− 7 48.2	1.817	2.746	10.5	20.0
8 19	23 7.46	− 9 2.2	1.763	2.742	6.7	19.7
8 29	23 1.40	−10 23.5	1.735	2.739	2.8	19.5
9 8	22 54.69	−11 44.7	1.733	2.736	2.5	19.5
9 18	22 48.20	−12 58.6	1.759	2.734	6.3	19.7
9 28	22 42.78	−13 59.0	1.811	2.733	10.1	19.9
10 8	22 39.12	−14 42.1	1.885	2.732	13.4	20.1

436624 2011 MD_3 9 5.2 9°.75 5°.3/30.7 18

7 30	23 15.84	−13 53.4	1.526	2.407	15.1	20.5
8 9	23 13.31	−15 44.2	1.466	2.408	11.5	20.2
8 19	23 8.45	−17 44.6	1.429	2.410	7.7	20.0
8 29	23 1.86	−19 43.9	1.416	2.412	5.3	19.9
9 8	22 54.51	−21 30.7	1.430	2.414	6.6	20.0
9 18	22 47.50	−22 55.5	1.469	2.417	10.1	20.2
9 28	22 41.90	−23 52.5	1.531	2.421	13.7	20.4
10 8	22 38.49	−24 20.6	1.612	2.425	16.9	20.7

516573 2007 EQ_8 9 5.2 206°.28 1°.8/ 7.7 18

7 30	23 16.24	+ 3 42.4	2.686	3.480	11.9	22.0
8 9	23 12.58	+ 3 0.6	2.592	3.476	9.5	21.8
8 19	23 7.48	+ 2 3.8	2.520	3.472	6.7	21.6
8 29	23 1.35	+ 0 54.3	2.475	3.467	3.7	21.4
9 8	22 54.72	− 0 24.0	2.459	3.462	1.8	21.3
9 18	22 48.22	− 1 46.0	2.472	3.457	3.9	21.4
9 28	22 42.46	− 3 6.2	2.515	3.451	6.9	21.6
10 8	22 37.98	− 4 19.6	2.584	3.445	9.7	21.8

101309 1998 SZ_{135} 9 5.2 332°.70 1°.9/ 3.8 18

7 30	23 15.45	− 7 17.2	1.166	2.050	18.5	19.1
8 9	23 13.79	− 7 57.8	1.091	2.034	14.3	18.8
8 19	23 9.23	− 8 56.3	1.034	2.018	9.4	18.5
8 29	23 2.35	−10 6.5	0.998	2.003	4.0	18.2
9 8	22 54.29	−11 18.4	0.985	1.990	3.2	18.1
9 18	22 46.45	−12 21.3	0.996	1.977	8.7	18.4
9 28	22 40.29	−13 6.0	1.027	1.966	14.2	18.6
10 8	22 36.90	−13 27.4	1.078	1.956	18.9	18.9

202180 2004 XW_{11} 9 5.2 278°.61 3°.5/ 8.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 16.94	+ 6 47.5	1.831	2.633	16.3	20.1
8 9	23 13.92	+ 6 18.7	1.733	2.617	13.4	19.9
8 19	23 8.80	+ 5 26.2	1.654	2.602	9.8	19.6
8 29	23 2.04	+ 4 11.1	1.599	2.586	6.1	19.4
9 8	22 54.43	+ 2 37.8	1.570	2.570	3.5	19.2
9 18	22 46.88	+ 0 53.9	1.569	2.555	5.5	19.3
9 28	22 40.40	− 0 51.5	1.594	2.539	9.5	19.5
10 8	22 35.82	− 2 29.2	1.643	2.523	13.4	19.7

476927 2008 WM_{113} 9 5.2 333°.88 4°.3/ 1.9 16

7 30	23 17.98	−13 15.6	1.361	2.244	16.5	20.8
8 9	23 15.35	−14 7.4	1.288	2.231	12.7	20.5
8 19	23 10.02	−15 8.7	1.235	2.218	8.4	20.3
8 29	23 2.62	−16 11.5	1.205	2.206	4.7	20.0
9 8	22 54.21	−17 6.2	1.199	2.195	5.4	20.0
9 18	22 46.09	−17 44.7	1.218	2.185	9.5	20.3
9 28	22 39.55	−18 1.2	1.258	2.176	13.9	20.5
10 8	22 35.54	−17 54.2	1.318	2.168	17.9	20.7

24724 1991 UN 9 5.2 310°.60 1°.1/ 4.4 18

7 30	23 20.03	− 7 25.8	1.511	2.373	16.3	19.3
8 9	23 16.85	− 7 44.1	1.416	2.346	12.7	19.0
8 19	23 11.05	− 8 15.2	1.341	2.320	8.4	18.6
8 29	23 3.12	− 8 55.1	1.290	2.294	3.5	18.3
9 8	22 54.00	− 9 37.3	1.263	2.268	2.2	18.1
9 18	22 44.90	−10 14.7	1.262	2.243	7.3	18.4
9 28	22 37.13	−10 40.6	1.284	2.218	12.3	18.6
10 8	22 31.75	−10 50.8	1.328	2.194	16.8	18.8

246777 2009 DG_{16} 9 5.2 263°.55 1°.2/ 3.9 18

7 30	23 18.72	− 6 42.5	1.945	2.792	13.8	20.6
8 9	23 15.06	− 7 30.1	1.861	2.784	10.6	20.3
8 19	23 9.41	− 8 29.9	1.799	2.776	6.8	20.1
8 29	23 2.26	− 9 37.0	1.763	2.767	2.9	19.8
9 8	22 54.39	−10 44.9	1.755	2.759	2.1	19.8
9 18	22 46.69	−11 47.1	1.774	2.750	6.1	20.0
9 28	22 40.09	−12 37.7	1.819	2.742	10.0	20.2
10 8	22 35.31	−13 13.0	1.888	2.733	13.5	20.4

304561 2006 VO_5 9 5.2 313°.32 0°.2/ 5.4 18

7 30	23 18.78	− 3 46.4	1.995	2.832	13.9	21.4
8 9	23 14.99	− 4 10.7	1.915	2.830	10.8	21.1
8 19	23 9.29	− 4 47.5	1.856	2.827	7.1	20.9
8 29	23 2.18	− 5 33.4	1.822	2.824	3.1	20.7
9 8	22 54.43	− 6 23.4	1.815	2.822	1.1	20.5
9 18	22 46.89	− 7 12.1	1.836	2.819	5.2	20.8
9 28	22 40.43	− 7 54.0	1.884	2.817	9.1	21.0
10 8	22 35.73	− 8 25.2	1.956	2.815	12.5	21.2

220725 2004 SQ_{49} 9 5.2 321°.09 2°.5/ 7.4 18

7 30	23 20.52	+ 0 48.4	2.117	2.930	14.0	20.0
8 9	23 16.26	+ 1 6.1	2.028	2.923	11.2	19.8
8 19	23 10.11	+ 1 11.2	1.960	2.916	8.0	19.5
8 29	23 2.54	+ 1 4.5	1.917	2.910	4.5	19.3
9 8	22 54.29	+ 0 48.6	1.901	2.903	2.5	19.2
9 18	22 46.19	+ 0 26.8	1.913	2.897	4.9	19.3
9 28	22 39.11	+ 0 3.6	1.952	2.892	8.4	19.5
10 8	22 33.74	− 0 16.8	2.015	2.886	11.7	19.7

356900 2011 YN_{43} 9 5.2 316°.56 2°.1/ 8.9 15

7 30	23 12.69	+ 4 35.8	4.002	4.778	8.6	20.8
8 9	23 9.42	+ 4 36.7	3.901	4.769	7.0	20.7
8 19	23 5.21	+ 4 28.9	3.823	4.761	5.1	20.5
8 29	23 0.34	+ 4 13.1	3.772	4.753	3.3	20.4
9 8	22 55.16	+ 3 50.6	3.749	4.745	2.1	20.3
9 18	22 50.04	+ 3 23.6	3.756	4.737	3.0	20.4
9 28	22 45.39	+ 2 54.5	3.792	4.729	4.8	20.5
10 8	22 41.55	+ 2 25.7	3.855	4.721	6.7	20.6

223450 2003 TD_{15} 9 5.2 312°.48 1°.4/ 3.9 18

7 30	23 18.96	− 9 2.4	1.998	2.849	13.3	19.9
8 9	23 15.34	− 9 23.7	1.898	2.823	10.3	19.7
8 19	23 9.68	− 9 53.9	1.821	2.798	6.7	19.4
8 29	23 2.42	−10 28.9	1.768	2.772	2.9	19.2
9 8	22 54.33	−11 3.8	1.743	2.747	2.3	19.1
9 18	22 46.28	−11 33.3	1.745	2.722	6.2	19.3
9 28	22 39.24	−11 52.9	1.773	2.697	10.1	19.5
10 8	22 34.00	−11 59.4	1.824	2.673	13.7	19.6

509512 2007 VK_{156} 9 5.2 125°.91 4°.3/ 9.7 18

7 30	23 20.09	+ 7 59.0	2.137	2.915	15.0	21.4
8 9	23 15.84	+ 8 4.5	2.057	2.923	12.4	21.2
8 19	23 9.76	+ 7 51.8	1.997	2.930	9.3	21.1
8 29	23 2.37	+ 7 21.3	1.962	2.937	6.3	20.9
9 8	22 54.39	+ 6 35.7	1.953	2.944	4.3	20.8
9 18	22 46.63	+ 5 39.4	1.971	2.951	5.3	20.9
9 28	22 39.93	+ 4 38.4	2.017	2.957	8.2	21.0
10 8	22 34.92	+ 3 38.9	2.088	2.963	11.1	21.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
316969 2001 FQ_{83}			9 5.2 292°.61	1°.0/ 6.3 18		
	h m	° ′			°	m
7 30	23 15.81	− 0 7.8	2.246	3.068	13.0	20.5
8 9	23 12.56	− 0 45.8	2.156	3.061	10.2	20.3
8 19	23 7.64	− 1 38.7	2.088	3.053	7.0	20.0
8 29	23 1.49	− 2 43.5	2.046	3.045	3.4	19.8
9 8	22 54.74	− 3 55.4	2.031	3.038	1.1	19.6
9 18	22 48.12	− 5 8.7	2.045	3.030	4.6	19.9
9 28	22 42.39	− 6 17.2	2.087	3.023	8.2	20.1
10 8	22 38.17	− 7 16.0	2.153	3.015	11.4	20.3
208290 2001 DH_{1}			9 5.2 55°.61	0°.5/ 5.9 18		
7 30	23 16.37	− 3 20.6	2.846	3.667	10.6	20.3
8 9	23 12.49	− 3 34.4	2.773	3.679	8.2	20.1
8 19	23 7.32	− 3 56.7	2.724	3.690	5.4	20.0
8 29	23 1.26	− 4 25.1	2.701	3.701	2.5	19.8
9 8	22 54.85	− 4 56.5	2.707	3.713	0.8	19.6
9 18	22 48.64	− 5 27.8	2.742	3.725	3.7	19.9
9 28	22 43.19	− 5 55.6	2.805	3.737	6.5	20.1
10 8	22 38.94	− 6 17.4	2.894	3.748	9.0	20.3
21501 Acevedo			9 5.2 227°.48	3°.9/ 8.4 18		
7 30	23 22.37	+ 4 42.1	1.638	2.448	17.6	18.7
8 9	23 18.27	+ 4 49.7	1.554	2.444	14.3	18.5
8 19	23 11.74	+ 4 36.9	1.488	2.438	10.5	18.3
8 29	23 3.34	+ 4 3.9	1.446	2.433	6.5	18.0
9 8	22 54.01	+ 3 14.4	1.428	2.428	3.9	17.9
9 18	22 44.86	+ 2 14.1	1.437	2.422	6.2	18.0
9 28	22 37.06	+ 1 10.9	1.472	2.416	10.2	18.2
10 8	22 31.49	+ 0 12.6	1.530	2.409	14.2	18.4
293429 2007 EO_{137}			9 5.2 158°.49	0°.7/ 5.8 17		
7 30	23 22.55	− 2 16.4	1.883	2.711	14.9	21.8
8 9	23 17.95	− 2 39.6	1.807	2.715	11.7	21.6
8 19	23 11.26	− 3 17.0	1.752	2.720	7.8	21.3
8 29	23 3.05	− 4 5.2	1.723	2.724	3.6	21.1
9 8	22 54.16	− 4 59.0	1.721	2.727	1.2	20.9
9 18	22 45.56	− 5 52.3	1.746	2.730	5.4	21.2
9 28	22 38.20	− 6 39.4	1.799	2.733	9.4	21.5
10 8	22 32.79	− 7 15.7	1.876	2.735	12.9	21.7
474187 1999 VS_{222}			9 5.2 326°.06	4°.2/ 8.6 17		
7 30	23 14.85	+ 4 46.9	1.418	2.252	18.7	21.1
8 9	23 12.93	+ 4 53.5	1.326	2.230	15.3	20.8
8 19	23 8.51	+ 4 36.4	1.252	2.209	11.4	20.5
8 29	23 2.06	+ 3 55.1	1.198	2.188	7.1	20.2
9 8	22 54.49	+ 2 53.2	1.168	2.169	4.2	20.0
9 18	22 46.96	+ 1 37.6	1.162	2.150	6.6	20.1
9 28	22 40.74	+ 0 18.0	1.180	2.133	11.2	20.3
10 8	22 36.87	− 0 55.5	1.220	2.117	15.7	20.5
265111 2003 TA_{19}			9 5.2 271°.01	3°.2/ 9.5 18		
7 30	23 15.97	+ 7 48.1	2.660	3.433	12.5	20.7
8 9	23 12.52	+ 7 27.4	2.549	3.413	10.3	20.6
8 19	23 7.56	+ 6 50.1	2.458	3.392	7.7	20.4
8 29	23 1.46	+ 5 56.8	2.393	3.372	5.1	20.2
9 8	22 54.77	+ 4 50.1	2.356	3.350	3.3	20.0
9 18	22 48.09	+ 3 34.2	2.347	3.329	4.4	20.1
9 28	22 42.13	+ 2 14.7	2.367	3.308	7.1	20.2
10 8	22 37.45	+ 0 57.3	2.414	3.286	9.9	20.3
318475 2005 EZ_{67}			9 5.2 176°.69	1°.0/ 4.5 18		
7 30	23 26.64	− 7 54.1	1.532	2.382	16.7	20.9
8 9	23 21.58	− 8 6.4	1.460	2.383	12.9	20.7
8 19	23 13.89	− 8 29.4	1.408	2.384	8.4	20.4
8 29	23 4.24	− 8 58.5	1.380	2.384	3.5	20.1
9 8	22 53.71	− 9 27.7	1.379	2.384	2.1	20.0
9 18	22 43.58	− 9 51.1	1.404	2.384	7.0	20.3
9 28	22 35.07	−10 3.7	1.454	2.384	11.5	20.6
10 8	22 29.05	−10 3.0	1.527	2.383	15.5	20.9
246820 2009 MP			9 5.2 80°.03	7°.2/13.4 18		
7 30	23 19.57	+16 19.1	2.199	2.925	16.1	20.0
8 9	23 15.50	+16 54.0	2.119	2.934	13.9	19.9
8 19	23 9.58	+17 7.5	2.057	2.942	11.5	19.7
8 29	23 2.33	+16 58.1	2.018	2.951	9.1	19.6
9 8	22 54.46	+16 26.4	2.002	2.959	7.4	19.5
9 18	22 46.79	+15 35.6	2.013	2.968	7.4	19.5
9 28	22 40.15	+14 31.3	2.050	2.976	8.9	19.6
10 8	22 35.21	+13 20.6	2.112	2.984	11.1	19.8
41810 2000 WG_{35}			9 5.2 275°.35	3°.3/ 8.9 18		
7 30	23 17.02	+ 5 54.7	2.251	3.043	13.9	19.8
8 9	23 13.53	+ 5 45.0	2.156	3.033	11.4	19.6
8 19	23 8.32	+ 5 18.1	2.081	3.024	8.4	19.4
8 29	23 1.81	+ 4 34.9	2.030	3.014	5.3	19.2
9 8	22 54.65	+ 3 38.5	2.006	3.004	3.3	19.0
9 18	22 47.60	+ 2 33.5	2.011	2.994	4.8	19.1
9 28	22 41.44	+ 1 25.9	2.042	2.984	7.9	19.3
10 8	22 36.82	+ 0 21.8	2.099	2.974	11.1	19.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
327074 2004 UT_{6}			9 5.2 259°.76	4°.3/31.2 18		
	h m	° ′			°	m
7 30	23 20.63	−19 19.0	2.542	3.396	10.7	21.1
8 9	23 16.13	−20 7.8	2.457	3.381	8.3	20.9
8 19	23 9.92	−20 57.8	2.397	3.366	5.9	20.7
8 29	23 2.46	−21 43.7	2.363	3.350	4.3	20.6
9 8	22 54.41	−22 20.3	2.357	3.334	5.0	20.6
9 18	22 46.51	−22 43.6	2.379	3.318	7.3	20.7
9 28	22 39.51	−22 51.0	2.427	3.301	9.9	20.9
10 8	22 34.05	−22 42.1	2.499	3.285	12.4	21.0
106809 2000 XP_{39}			9 5.2 247°.58	6°.7/28.4 18		
7 30	23 24.03	−27 55.4	2.493	3.342	11.1	19.7
8 9	23 18.82	−28 53.0	2.420	3.329	9.0	19.5
8 19	23 11.70	−29 46.0	2.371	3.317	7.3	19.4
8 29	23 3.22	−30 28.0	2.348	3.304	6.7	19.4
9 8	22 54.13	−30 53.5	2.352	3.290	7.5	19.4
9 18	22 45.29	−30 59.1	2.382	3.277	9.4	19.5
9 28	22 37.54	−30 43.6	2.436	3.263	11.5	19.6
10 8	22 31.54	−30 8.4	2.512	3.249	13.6	19.7
472898 2015 FD_{332}			9 5.2 147°.37	5°.2/31.9 18		
7 30	23 27.88	−19 56.6	1.898	2.754	13.7	20.7
8 9	23 22.01	−20 39.0	1.836	2.760	10.7	20.5
8 19	23 13.87	−21 21.0	1.797	2.766	7.5	20.3
8 29	23 4.13	−21 55.7	1.783	2.771	5.4	20.2
9 8	22 53.80	−22 16.8	1.797	2.776	6.0	20.3
9 18	22 43.94	−22 20.3	1.837	2.781	8.8	20.4
9 28	22 35.57	−22 4.7	1.903	2.785	11.8	20.6
10 8	22 29.41	−21 31.2	1.991	2.789	14.7	20.8
220407 2003 SP_{58}			9 5.2 326°.38	5°.7/10.9 18		
7 30	23 17.31	+10 31.0	2.078	2.849	15.6	19.6
8 9	23 13.96	+10 59.5	1.983	2.839	13.2	19.4
8 19	23 8.71	+11 9.1	1.908	2.828	10.4	19.2
8 29	23 2.02	+10 58.6	1.855	2.818	7.6	19.0
9 8	22 54.57	+10 29.2	1.828	2.808	5.8	18.9
9 18	22 47.22	+ 9 44.1	1.826	2.799	6.4	18.9
9 28	22 40.83	+ 8 48.9	1.851	2.790	8.8	19.1
10 8	22 36.14	+ 7 50.2	1.900	2.782	11.7	19.2
358940 2008 JS_{3}			9 5.2 92°.10	4°.8/30.6 18		
7 30	23 19.78	−19 11.2	2.251	3.113	11.7	20.8
8 9	23 15.50	−20 21.5	2.198	3.125	9.0	20.7
8 19	23 9.46	−21 32.5	2.168	3.138	6.4	20.6
8 29	23 2.23	−22 37.6	2.166	3.151	4.8	20.5
9 8	22 54.54	−23 30.8	2.190	3.164	5.7	20.6
9 18	22 47.19	−24 7.7	2.242	3.176	8.0	20.7
9 28	22 40.93	−24 26.1	2.319	3.188	10.5	20.9
10 8	22 36.35	−24 25.9	2.418	3.201	12.8	21.1
412764 2014 OE_{385}			9 5.2 301°.46	0°.7/ 4.3 18		
7 30	23 15.86	− 5 5.4	2.190	3.031	12.7	20.8
8 9	23 12.66	− 5 58.2	2.104	3.023	9.7	20.6
8 19	23 7.75	− 7 3.3	2.041	3.015	6.3	20.3
8 29	23 1.56	− 8 16.4	2.004	3.008	2.6	20.1
9 8	22 54.78	− 9 31.8	1.995	3.000	1.6	20.0
9 18	22 48.13	−10 43.1	2.014	2.992	5.4	20.2
9 28	22 42.41	−11 44.8	2.060	2.985	8.9	20.4
10 8	22 38.24	−12 32.7	2.131	2.977	12.1	20.6
275932 2001 UM_{28}			9 5.2 22°.57	7°.7/ 1.2 17		
7 30	23 23.33	−19 3.4	0.883	1.789	21.0	19.4
8 9	23 20.29	−19 51.3	0.845	1.797	16.3	19.2
8 19	23 13.52	−20 40.0	0.824	1.807	11.4	19.0
8 29	23 4.12	−21 16.9	0.822	1.818	7.9	18.8
9 8	22 53.87	−21 31.0	0.841	1.830	8.8	18.9
9 18	22 44.65	−21 16.6	0.880	1.844	12.8	19.2
9 28	22 38.05	−20 33.4	0.939	1.859	17.3	19.5
10 8	22 34.92	−19 26.0	1.014	1.875	21.2	19.8
127963 2003 HO_{21}			9 5.2 36°.37	2°.8/ 2.6 18		
7 30	23 20.23	−12 34.2	1.840	2.702	13.8	19.5
8 9	23 16.16	−13 10.9	1.779	2.710	10.5	19.3
8 19	23 10.05	−13 53.5	1.741	2.720	6.8	19.1
8 29	23 2.52	−14 36.2	1.728	2.729	3.5	18.9
9 8	22 54.45	−15 13.1	1.741	2.739	3.7	18.9
9 18	22 46.76	−15 39.1	1.782	2.750	7.0	19.2
9 28	22 40.36	−15 50.9	1.847	2.760	10.5	19.4
10 8	22 35.91	−15 47.2	1.936	2.771	13.6	19.6
239171 2006 KE_{49}			9 5.2 78°.79	1°.5/ 3.8 18		
7 30	23 20.21	− 7 51.9	1.798	2.651	14.5	21.0
8 9	23 16.27	− 8 34.1	1.727	2.653	11.1	20.8
8 19	23 10.22	− 9 27.2	1.678	2.656	7.1	20.6
8 29	23 2.64	−10 26.0	1.655	2.658	3.0	20.3
9 8	22 54.39	−11 23.7	1.658	2.661	2.4	20.3
9 18	22 46.45	−12 14.0	1.688	2.664	6.5	20.6
9 28	22 39.77	−12 51.6	1.743	2.666	10.4	20.8
10 8	22 35.06	−13 13.6	1.822	2.669	13.8	21.0

155084 2005 ST_{137} 9 5.2 304°.17 0°.4/ 5.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 17.39	− 2 50.4	1.976	2.813	14.0	20.7
8 9	23 14.09	− 3 15.2	1.882	2.797	11.0	20.5
8 19	23 8.84	− 3 53.9	1.810	2.780	7.3	20.2
8 29	23 2.09	− 4 43.6	1.762	2.764	3.3	20.0
9 8	22 54.58	− 5 39.4	1.741	2.748	1.1	19.8
9 18	22 47.15	− 6 35.3	1.748	2.732	5.3	20.0
9 28	22 40.74	− 7 25.4	1.780	2.716	9.4	20.2
10 8	22 36.08	− 8 4.9	1.837	2.701	13.0	20.4

128107 2003 QY_9 9 5.2 341°.10 3°.1/ 3.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 26.65	−14 13.0	1.500	2.364	16.3	19.1
8 9	23 21.72	−14 15.1	1.427	2.358	12.5	18.9
8 19	23 14.04	−14 20.9	1.375	2.353	8.3	18.6
8 29	23 4.34	−14 25.0	1.347	2.348	4.2	18.4
9 8	22 53.74	−14 21.7	1.344	2.344	3.9	18.4
9 18	22 43.56	−14 6.7	1.367	2.340	8.0	18.6
9 28	22 35.08	−13 37.8	1.415	2.337	12.4	18.8
10 8	22 29.18	−12 54.9	1.484	2.334	16.2	19.1

287104 2002 RD_{150} 9 5.2 338°.86 4°.1/ 8.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 14.29	+ 3 31.9	1.348	2.191	18.9	19.6
8 9	23 12.57	+ 3 48.9	1.263	2.173	15.5	19.3
8 19	23 8.30	+ 3 43.7	1.195	2.156	11.4	19.1
8 29	23 1.99	+ 3 16.1	1.149	2.140	7.0	18.8
9 8	22 54.60	+ 2 29.4	1.125	2.126	4.1	18.6
9 18	22 47.33	+ 1 30.1	1.124	2.113	6.7	18.7
9 28	22 41.45	+ 0 27.3	1.147	2.101	11.3	18.9
10 8	22 37.99	− 0 29.7	1.191	2.091	15.8	19.1

390928 2005 GU_3 9 5.2 72°.49 3°.4/ 2.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 21.90	−13 44.6	1.825	2.686	14.0	20.7
8 9	23 17.45	−14 32.1	1.767	2.698	10.6	20.6
8 19	23 10.89	−15 24.7	1.732	2.709	6.9	20.4
8 29	23 2.89	−16 16.2	1.721	2.721	3.9	20.2
9 8	22 54.33	−16 59.8	1.738	2.732	4.3	20.3
9 18	22 46.19	−17 30.3	1.781	2.744	7.5	20.5
9 28	22 39.41	−17 44.5	1.850	2.755	10.9	20.7
10 8	22 34.63	−17 41.5	1.941	2.767	13.9	20.9

280916 2005 YS_{170} 9 5.2 126°.94 3°.4/ 1.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 23.91	−13 55.8	1.960	2.814	13.4	21.1
8 9	23 18.85	−14 48.5	1.900	2.826	10.2	20.9
8 19	23 11.75	−15 46.0	1.862	2.838	6.7	20.7
8 29	23 3.24	−16 42.2	1.851	2.849	3.8	20.6
9 8	22 54.19	−17 30.3	1.868	2.860	4.3	20.6
9 18	22 45.54	−18 5.4	1.912	2.871	7.3	20.8
9 28	22 38.19	−18 24.1	1.982	2.881	10.6	21.1
10 8	22 32.80	−18 25.6	2.075	2.891	13.5	21.3

202255 2005 AF_{30} 9 5.2 217°.90 4°.0/ 1.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 24.43	−17 35.3	2.373	3.221	11.6	21.3
8 9	23 19.11	−18 21.5	2.290	3.212	8.9	21.1
8 19	23 11.92	−19 9.9	2.231	3.202	6.2	20.9
8 29	23 3.35	−19 54.9	2.200	3.192	4.1	20.8
9 8	22 54.14	−20 31.0	2.197	3.181	4.7	20.8
9 18	22 45.13	−20 53.9	2.223	3.169	7.3	21.0
9 28	22 37.16	−21 1.0	2.275	3.157	10.2	21.1
10 8	22 30.89	−20 51.8	2.350	3.144	12.8	21.3

293444 2007 ES_{167} 9 5.2 83°.18 1°.5/ 7.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 18.28	+ 0 53.7	2.348	3.158	12.9	20.8
8 9	23 14.21	+ 0 32.2	2.279	3.175	10.1	20.6
8 19	23 8.58	− 0 2.6	2.233	3.192	7.0	20.5
8 29	23 1.87	− 0 47.9	2.212	3.208	3.6	20.3
9 8	22 54.73	− 1 39.9	2.220	3.225	1.6	20.2
9 18	22 47.87	− 2 33.9	2.256	3.241	4.2	20.4
9 28	22 41.96	− 3 25.0	2.320	3.257	7.4	20.6
10 8	22 37.54	− 4 9.1	2.410	3.273	10.3	20.8

479813 2014 FB_{36} 9 5.2 243°.75 0°.4/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 20.29	− 4 20.7	2.039	2.874	13.7	22.0
8 9	23 16.26	− 5 2.3	1.946	2.860	10.6	21.8
8 19	23 10.24	− 5 57.4	1.875	2.847	7.0	21.6
8 29	23 2.70	− 7 2.2	1.829	2.832	2.9	21.3
9 8	22 54.38	− 8 10.8	1.812	2.818	1.4	21.1
9 18	22 46.16	− 9 16.9	1.823	2.803	5.6	21.4
9 28	22 38.97	−10 14.2	1.860	2.787	9.6	21.6
10 8	22 33.55	−10 58.3	1.922	2.771	13.1	21.8

371851 2007 YK_{63} 9 5.2 221°.02 2°.2/ 3.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 21.79	− 7 59.4	1.624	2.479	15.6	21.6
8 9	23 17.84	− 8 59.5	1.547	2.475	12.0	21.3
8 19	23 11.47	−10 13.4	1.491	2.469	7.7	21.1
8 29	23 3.26	−11 34.6	1.460	2.463	3.4	20.8
9 8	22 54.18	−12 54.3	1.455	2.457	3.2	20.8
9 18	22 45.34	−14 4.2	1.478	2.451	7.5	21.0
9 28	22 37.88	−14 57.3	1.525	2.444	11.9	21.3
10 8	22 32.67	−15 30.1	1.594	2.437	15.7	21.5

126932 2002 EX_{144} 9 5.2 51°.15 4°.5/ 1.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 21.40	−13 36.5	1.419	2.295	16.4	19.4
8 9	23 17.43	−14 53.3	1.381	2.319	12.3	19.3
8 19	23 11.01	−16 16.2	1.364	2.344	8.1	19.1
8 29	23 2.94	−17 35.8	1.371	2.370	4.8	19.0
9 8	22 54.37	−18 42.6	1.404	2.395	5.6	19.1
9 18	22 46.46	−19 29.9	1.461	2.421	9.1	19.4
9 28	22 40.26	−19 54.1	1.542	2.447	12.7	19.6
10 8	22 36.42	−19 55.5	1.644	2.473	15.9	19.9

97846 2000 PP_{28} 9 5.2 345°.17 3°.3/ 3.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 15.55	−11 36.6	0.879	1.788	20.8	18.3
8 9	23 14.65	−11 46.1	0.816	1.772	16.1	18.0
8 19	23 10.22	−12 7.0	0.769	1.758	10.6	17.6
8 29	23 2.96	−12 32.0	0.741	1.746	4.9	17.3
9 8	22 54.29	−12 51.4	0.732	1.735	4.5	17.2
9 18	22 46.00	−12 56.5	0.743	1.727	10.3	17.5
9 28	22 39.93	−12 41.2	0.773	1.722	16.1	17.8
10 8	22 37.26	−12 3.8	0.820	1.718	21.3	18.1

507973 2015 BD_{79} 9 5.2 170°.20 1°.0/ 6.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 21.90	− 0 40.1	1.615	2.449	16.8	22.1
8 9	23 17.85	− 1 10.9	1.540	2.451	13.2	21.9
8 19	23 11.42	− 2 0.3	1.485	2.452	8.9	21.6
8 29	23 3.23	− 3 4.4	1.453	2.454	4.2	21.3
9 8	22 54.22	− 4 16.9	1.448	2.455	1.4	21.1
9 18	22 45.51	− 5 29.8	1.470	2.455	6.0	21.5
9 28	22 38.19	− 6 35.3	1.518	2.456	10.5	21.7
10 8	22 33.08	− 7 27.3	1.588	2.456	14.4	22.0

481906 2009 BS_{18} 9 5.2 295°.94 4°.4/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 20.66	+ 5 26.2	1.785	2.588	16.6	21.6
8 9	23 16.83	+ 5 48.4	1.695	2.579	13.7	21.4
8 19	23 10.77	+ 5 52.2	1.624	2.569	10.2	21.2
8 29	23 2.98	+ 5 37.3	1.576	2.559	6.6	20.9
9 8	22 54.30	+ 5 6.0	1.554	2.550	4.4	20.8
9 18	22 45.73	+ 4 22.5	1.558	2.540	6.1	20.9
9 28	22 38.35	+ 3 33.2	1.588	2.531	9.7	21.1
10 8	22 32.99	+ 2 45.2	1.641	2.522	13.3	21.3

73791 1995 CO_6 9 5.2 203°.25 0°.0/ 5.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 19.36	− 3 48.6	2.038	2.873	13.7	20.0
8 9	23 15.42	− 4 22.0	1.958	2.872	10.6	19.8
8 19	23 9.60	− 5 8.0	1.899	2.870	7.0	19.6
8 29	23 2.39	− 6 3.2	1.866	2.869	3.0	19.3
9 8	22 54.55	− 7 2.0	1.861	2.867	1.2	19.2
9 18	22 46.92	− 7 58.6	1.883	2.865	5.3	19.5
9 28	22 40.35	− 8 47.7	1.933	2.863	9.1	19.7
10 8	22 35.52	− 9 25.0	2.006	2.861	12.4	19.9

225748 2001 SG_{82} 9 5.2 322°.46 2°.0/ 6.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 20.08	− 2 2.4	1.304	2.160	18.7	20.1
8 9	23 17.22	− 1 44.2	1.218	2.141	14.9	19.8
8 19	23 11.49	− 1 42.5	1.151	2.123	10.4	19.5
8 29	23 3.44	− 1 56.1	1.105	2.105	5.3	19.2
9 8	22 54.11	− 2 20.9	1.082	2.088	2.2	18.9
9 18	22 44.87	− 2 50.9	1.083	2.072	7.0	19.2
9 28	22 37.19	− 3 18.7	1.108	2.056	12.3	19.4
10 8	22 32.18	− 3 37.8	1.152	2.042	17.1	19.7

348012 2003 SL_{288} 9 5.2 338°.38 2°.6/ 3.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 17.67	− 9 43.5	1.425	2.299	16.4	20.4
8 9	23 14.97	−10 26.9	1.351	2.289	12.6	20.1
8 19	23 9.74	−11 22.5	1.298	2.280	8.2	19.8
8 29	23 2.57	−12 23.7	1.267	2.271	3.7	19.5
9 8	22 54.48	−13 22.2	1.262	2.263	3.7	19.5
9 18	22 46.66	−14 9.8	1.281	2.256	8.1	19.8
9 28	22 40.32	−14 40.1	1.323	2.250	12.7	20.0
10 8	22 36.35	−14 50.1	1.386	2.245	16.7	20.3

266589 2008 HN_{61} 9 5.2 70°.92 3°.4/ 8.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 21.02	+ 3 57.9	1.518	2.339	18.2	20.5
8 9	23 17.23	+ 3 52.9	1.450	2.348	14.7	20.3
8 19	23 11.02	+ 3 26.1	1.402	2.357	10.5	20.1
8 29	23 3.05	+ 2 39.2	1.375	2.367	6.1	19.8
9 8	22 54.33	+ 1 37.4	1.374	2.376	3.4	19.7
9 18	22 45.98	+ 0 28.0	1.399	2.385	6.0	19.9
9 28	22 39.12	− 0 40.4	1.449	2.395	10.2	20.2
10 8	22 34.55	− 1 40.5	1.522	2.404	14.1	20.4

389062 2008 WJ_2 9 5.2 306°.33 4°.7/ 2.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 27.53	−17 33.2	1.566	2.430	15.7	19.7
8 9	23 22.55	−17 49.3	1.481	2.411	12.2	19.4
8 19	23 14.74	−18 6.8	1.417	2.393	8.4	19.1
8 29	23 4.74	−18 19.2	1.378	2.374	5.2	18.9
9 8	22 53.66	−18 19.5	1.364	2.356	5.5	18.9
9 18	22 42.83	−18 2.9	1.376	2.339	9.2	19.1
9 28	22 33.60	−17 27.4	1.412	2.321	13.4	19.3
10 8	22 26.99	−16 33.9	1.469	2.304	17.2	19.5

234675 2002 GY_{41} 9 5.2 220°.94 2°.9/ 8.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 19.57	+ 4 37.7	2.013	2.813	15.1	21.2
8 9	23 15.70	+ 4 18.8	1.922	2.808	12.2	21.0
8 19	23 9.86	+ 3 41.2	1.852	2.802	8.8	20.8
8 29	23 2.55	+ 2 46.3	1.806	2.795	5.2	20.5
9 8	22 54.51	+ 1 38.1	1.787	2.788	2.9	20.4
9 18	22 46.62	+ 0 22.6	1.796	2.781	5.1	20.5
9 28	22 39.76	− 0 53.1	1.833	2.774	8.7	20.7
10 8	22 34.68	− 2 2.3	1.894	2.766	12.2	20.9

93005 2000 RG_{86} 9 5.2 273°.48 0°.0/ 5.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 19.87	− 3 33.1	1.724	2.566	15.5	19.6
8 9	23 16.25	− 4 5.0	1.639	2.558	12.0	19.3
8 19	23 10.39	− 4 52.3	1.576	2.549	8.0	19.1
8 29	23 2.82	− 5 51.0	1.537	2.540	3.5	18.8
9 8	22 54.42	− 6 55.1	1.525	2.531	1.3	18.6
9 18	22 46.19	− 7 57.3	1.539	2.523	6.0	18.9
9 28	22 39.20	− 8 50.8	1.580	2.514	10.4	19.2
10 8	22 34.26	− 9 30.5	1.643	2.505	14.3	19.4

3288 Seleucus 9 5.2 87°.70 3°.4/ 8.1 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 33.87	+ 6 3.6	1.448	2.241	20.3	18.8
8 9	23 26.61	+ 5 30.5	1.408	2.289	16.1	18.6
8 19	23 16.78	+ 4 32.9	1.387	2.335	11.3	18.5
8 29	23 5.34	+ 3 14.6	1.390	2.379	6.4	18.3
9 8	22 53.58	+ 1 43.8	1.421	2.422	3.4	18.2
9 18	22 42.76	+ 0 9.9	1.479	2.463	6.1	18.5
9 28	22 33.98	− 1 17.4	1.565	2.503	10.2	18.8
10 8	22 27.88	− 2 31.3	1.675	2.540	13.9	19.1

392801 2012 TS_{197} 9 5.2 262°.39 1°.6/ 6.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 24.95	− 2 19.7	1.909	2.732	15.0	20.9
8 9	23 19.99	− 2 4.0	1.816	2.720	11.9	20.7
8 19	23 12.78	− 1 59.9	1.744	2.708	8.2	20.4
8 29	23 3.85	− 2 5.9	1.697	2.696	4.1	20.2
9 8	22 54.04	− 2 19.0	1.678	2.683	1.7	20.0
9 18	22 44.35	− 2 35.2	1.686	2.671	5.4	20.2
9 28	22 35.84	− 2 50.2	1.722	2.658	9.6	20.4
10 8	22 29.34	− 2 59.9	1.781	2.645	13.3	20.6

360724 2004 TD_{179} 9 5.3 46°.23 1°.8/ 6.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 20.12	+ 1 0.2	1.036	1.899	22.0	20.5
8 9	23 17.25	+ 0 30.7	0.990	1.916	17.2	20.3
8 19	23 11.32	− 0 25.7	0.962	1.935	11.7	20.1
8 29	23 3.22	− 1 43.5	0.953	1.954	5.7	19.8
9 8	22 54.35	− 3 12.3	0.967	1.973	2.0	19.6
9 18	22 46.19	− 4 40.3	1.004	1.993	7.2	20.0
9 28	22 40.11	− 5 56.1	1.064	2.014	12.5	20.4
10 8	22 36.92	− 6 52.5	1.144	2.035	17.1	20.7

246897 1997 SH_{15} 9 5.3 342°.84 5°.0/ 8.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 13.15	+ 4 14.1	0.992	1.858	22.5	19.7
8 9	23 12.43	+ 4 36.5	0.922	1.844	18.5	19.4
8 19	23 8.61	+ 4 29.9	0.866	1.833	13.7	19.1
8 29	23 2.28	+ 3 53.1	0.829	1.822	8.5	18.8
9 8	22 54.64	+ 2 50.5	0.811	1.813	5.0	18.6
9 18	22 47.21	+ 1 31.5	0.815	1.806	7.9	18.7
9 28	22 41.63	+ 0 9.2	0.839	1.800	13.2	19.0
10 8	22 39.08	− 1 3.7	0.882	1.796	18.4	19.2

239207 2006 PQ_{18} 9 5.3 44°.98 2°.2/ 3.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 19.63	− 9 0.4	1.589	2.452	15.6	20.1
8 9	23 15.98	− 9 50.0	1.534	2.465	11.8	19.9
8 19	23 10.09	−10 50.2	1.499	2.479	7.6	19.7
8 29	23 2.63	−11 54.4	1.490	2.493	3.3	19.5
9 8	22 54.58	−12 54.8	1.506	2.508	3.1	19.5
9 18	22 46.98	−13 44.6	1.548	2.523	7.1	19.8
9 28	22 40.83	−14 18.7	1.615	2.538	11.1	20.1
10 8	22 36.81	−14 34.9	1.705	2.553	14.5	20.3

257366 2009 OJ_{4} 9 5.3 262°.48 2°.4/ 2.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 16.36	− 9 42.1	2.341	3.191	11.6	20.1
8 9	23 12.99	−10 58.9	2.256	3.182	8.8	19.9
8 19	23 7.98	−12 25.4	2.195	3.173	5.7	19.7
8 29	23 1.73	−13 56.0	2.162	3.164	2.8	19.5
9 8	22 54.89	−15 23.9	2.158	3.154	3.2	19.5
9 18	22 48.17	−16 43.0	2.182	3.145	6.3	19.7
9 28	22 42.32	−17 47.8	2.233	3.135	9.4	19.8
10 8	22 37.94	−18 35.3	2.308	3.126	12.3	20.0

28216 1998 YU_{1} 9 5.3 273°.91 0°.3/ 5.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 20.30	− 2 45.7	1.683	2.525	15.9	18.5
8 9	23 16.73	− 3 15.2	1.593	2.509	12.4	18.2
8 19	23 10.83	− 4 1.4	1.522	2.494	8.3	18.0
8 29	23 3.09	− 5 0.8	1.476	2.478	3.7	17.7
9 8	22 54.38	− 6 7.4	1.456	2.463	1.3	17.5
9 18	22 45.78	− 7 13.6	1.463	2.447	6.2	17.7
9 28	22 38.40	− 8 12.0	1.495	2.431	10.8	18.0
10 8	22 33.14	− 8 56.8	1.550	2.415	14.9	18.2

216388 2008 CU_{75} 9 5.3 211°.02 3°.3/ 1.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 19.58	−13 23.6	2.056	2.914	12.7	20.6
8 9	23 15.62	−14 20.7	1.984	2.914	9.7	20.4
8 19	23 9.75	−15 23.7	1.936	2.913	6.4	20.2
8 29	23 2.50	−16 26.8	1.914	2.912	3.6	20.1
9 8	22 54.64	−17 23.3	1.919	2.912	4.1	20.1
9 18	22 47.04	−18 7.8	1.951	2.911	7.2	20.3
9 28	22 40.54	−18 36.4	2.009	2.910	10.4	20.5
10 8	22 35.81	−18 47.4	2.090	2.909	13.3	20.7

259893 2004 DJ_{52} 9 5.3 216°.11 1°.8/ 3.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 24.07	− 8 54.1	1.928	2.772	14.0	21.7
8 9	23 19.27	− 9 36.2	1.843	2.764	10.8	21.5
8 19	23 12.28	−10 28.3	1.781	2.756	7.0	21.3
8 29	23 3.64	−11 25.4	1.744	2.747	3.1	21.0
9 8	22 54.20	−12 21.0	1.735	2.738	2.7	21.0
9 18	22 44.94	−13 8.9	1.754	2.727	6.6	21.2
9 28	22 36.88	−13 44.0	1.800	2.716	10.5	21.4
10 8	22 30.80	−14 3.5	1.869	2.705	14.0	21.6

73539 2003 OW_{18} 9 5.3 359°.20 4°.8/ 9.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 18.90	+ 7 5.8	1.969	2.760	15.7	18.3
8 9	23 15.22	+ 7 36.5	1.886	2.759	13.0	18.1
8 19	23 9.57	+ 7 49.8	1.823	2.758	9.9	17.9
8 29	23 2.46	+ 7 45.3	1.782	2.757	6.8	17.8
9 8	22 54.65	+ 7 24.4	1.768	2.757	4.9	17.7
9 18	22 47.02	+ 6 51.0	1.779	2.758	5.9	17.7
9 28	22 40.48	+ 6 10.1	1.817	2.759	8.8	17.9
10 8	22 35.72	+ 5 28.2	1.879	2.761	11.9	18.1

487944 2015 TB_{235} 9 5.3 263°.27 2°.7/ 2.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 18.36	−13 4.9	2.428	3.280	11.2	21.1
8 9	23 14.46	−13 53.8	2.344	3.270	8.5	20.9
8 19	23 8.91	−14 48.1	2.283	3.260	5.6	20.7
8 29	23 2.14	−15 43.1	2.250	3.249	3.1	20.5
9 8	22 54.80	−16 33.5	2.245	3.239	3.5	20.5
9 18	22 47.60	−17 14.6	2.268	3.229	6.2	20.7
9 28	22 41.29	−17 42.8	2.318	3.218	9.2	20.9
10 8	22 36.47	−17 56.2	2.391	3.207	11.9	21.0

115877 2003 UO_{282} 9 5.3 351°.60 1°.3/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 17.75	− 6 5.7	1.680	2.536	15.2	19.5
8 9	23 14.61	− 6 59.9	1.607	2.535	11.6	19.3
8 19	23 9.30	− 8 8.3	1.555	2.533	7.5	19.0
8 29	23 2.37	− 9 25.3	1.528	2.532	3.1	18.8
9 8	22 54.71	−10 43.2	1.527	2.531	2.3	18.7
9 18	22 47.31	−11 53.9	1.552	2.530	6.7	19.0
9 28	22 41.17	−12 50.8	1.603	2.530	10.8	19.2
10 8	22 37.06	−13 29.7	1.676	2.530	14.5	19.5

202348 2005 ER_{170} 9 5.3 267°.18 6°.8/11.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 21.69	+12 11.6	1.998	2.755	16.6	20.2
8 9	23 17.54	+12 52.9	1.899	2.741	14.2	20.0
8 19	23 11.25	+13 14.6	1.818	2.727	11.5	19.8
8 29	23 3.26	+13 14.3	1.760	2.713	8.7	19.6
9 8	22 54.34	+12 52.1	1.726	2.699	6.9	19.5
9 18	22 45.44	+12 10.8	1.719	2.685	7.3	19.5
9 28	22 37.58	+11 15.7	1.737	2.671	9.7	19.6
10 8	22 31.59	+10 14.3	1.780	2.656	12.7	19.7

487123 2014 OZ_{172} 9 5.3 306°.92 5°.4/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 17.24	−19 11.0	2.109	2.978	12.0	21.5
8 9	23 13.96	−20 31.2	2.031	2.963	9.3	21.3
8 19	23 8.77	−21 54.8	1.977	2.948	6.8	21.1
8 29	23 2.13	−23 14.2	1.948	2.933	5.4	21.0
9 8	22 54.80	−24 22.1	1.946	2.918	6.4	21.1
9 18	22 47.61	−25 12.4	1.971	2.903	9.0	21.2
9 28	22 41.45	−25 41.5	2.020	2.889	11.9	21.3
10 8	22 37.02	−25 48.4	2.090	2.875	14.5	21.5

308983 2006 TY_{128} 9 5.3 297°.25 6°.2/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 23.12	−22 18.8	1.926	2.791	13.2	21.0
8 9	23 18.59	−23 13.4	1.855	2.781	10.4	20.8
8 19	23 11.83	−24 7.0	1.806	2.772	7.7	20.7
8 29	23 3.44	−24 52.2	1.783	2.763	6.3	20.5
9 8	22 54.32	−25 21.9	1.785	2.754	7.1	20.6
9 18	22 45.50	−25 31.6	1.813	2.745	9.7	20.7
9 28	22 38.01	−25 19.3	1.866	2.736	12.6	20.9
10 8	22 32.59	−24 46.0	1.939	2.728	15.3	21.1

119945 2002 JH_{12} 9 5.3 98°.70 1°.3/ 7.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 14.95	+ 0 58.9	3.292	4.091	9.8	20.2
8 9	23 11.32	+ 0 41.0	3.213	4.101	7.7	20.0
8 19	23 6.57	+ 0 13.7	3.157	4.111	5.3	19.9
8 29	23 1.06	− 0 21.5	3.128	4.121	2.9	19.7
9 8	22 55.23	− 1 1.9	3.127	4.131	1.3	19.6
9 18	22 49.55	− 1 44.4	3.157	4.141	3.2	19.8
9 28	22 44.50	− 2 25.8	3.215	4.151	5.6	20.0
10 8	22 40.46	− 3 3.1	3.300	4.160	7.9	20.1

107891 2001 FO_{93} 9 5.3 61.°50 5.°5/ 1.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 25.29	−15 53.1	1.286	2.165	17.6	19.4
8 9	23 20.71	−17 0.6	1.247	2.185	13.4	19.3
8 19	23 13.32	−18 12.1	1.228	2.207	9.0	19.1
8 29	23 4.03	−19 17.6	1.232	2.228	5.8	19.0
9 8	22 54.16	−20 7.4	1.261	2.249	6.5	19.1
9 18	22 45.08	−20 35.1	1.313	2.271	10.1	19.3
9 28	22 37.99	−20 38.4	1.389	2.293	13.9	19.6
10 8	22 33.61	−20 18.7	1.485	2.314	17.3	19.9

424953 2008 YG_{150} 9 5.3 130.°06 2.°3/ 3.4 17

7 30	23 24.46	− 8 23.6	1.465	2.323	16.9	21.6
8 9	23 19.99	− 9 17.5	1.403	2.332	12.9	21.3
8 19	23 12.90	−10 24.3	1.361	2.339	8.3	21.1
8 29	23 3.92	−11 36.7	1.343	2.347	3.7	20.8
9 8	22 54.16	−12 46.0	1.352	2.354	3.3	20.8
9 18	22 44.85	−13 43.7	1.387	2.361	7.8	21.1
9 28	22 37.20	−14 23.9	1.446	2.367	12.2	21.4
10 8	22 32.03	−14 44.0	1.527	2.373	16.0	21.7

247380 2001 XU_{233} 9 5.3 332.°93 0.°3/ 5.5 18

7 30	23 19.16	− 3 58.0	1.873	2.714	14.5	20.6
8 9	23 15.49	− 4 13.5	1.792	2.709	11.3	20.4
8 19	23 9.79	− 4 41.6	1.732	2.704	7.5	20.2
8 29	23 2.57	− 5 19.2	1.697	2.699	3.3	19.9
9 8	22 54.65	− 6 1.2	1.688	2.695	1.1	19.8
9 18	22 46.94	− 6 42.4	1.707	2.691	5.4	20.1
9 28	22 40.37	− 7 17.3	1.752	2.687	9.5	20.3
10 8	22 35.67	− 7 41.8	1.820	2.684	13.0	20.5

188632 2005 QG_{77} 9 5.3 316.°33 3.°0/ 7.7 18

7 30	23 15.87	+ 3 17.2	1.349	2.191	19.0	19.7
8 9	23 13.88	+ 3 3.2	1.261	2.172	15.4	19.4
8 19	23 9.27	+ 2 23.6	1.190	2.154	11.1	19.1
8 29	23 2.54	+ 1 19.5	1.141	2.136	6.3	18.8
9 8	22 54.64	− 0 3.7	1.115	2.119	3.0	18.6
9 18	22 46.80	− 1 37.0	1.113	2.102	6.6	18.7
9 28	22 40.37	− 3 8.9	1.135	2.086	11.7	19.0
10 8	22 36.41	− 4 29.1	1.178	2.071	16.5	19.2

180159 2003 GE_{54} 9 5.3 104.°16 2.°5/ 2.9 18

7 30	23 22.73	−12 56.7	2.171	3.020	12.5	20.3
8 9	23 17.83	−13 23.0	2.103	3.026	9.5	20.1
8 19	23 11.09	−13 53.8	2.057	3.033	6.2	20.0
8 29	23 3.06	−14 24.4	2.038	3.039	3.1	19.8
9 8	22 54.52	−14 50.0	2.047	3.045	3.2	19.8
9 18	22 46.30	−15 6.7	2.084	3.051	6.2	20.0
9 28	22 39.21	−15 11.6	2.148	3.057	9.4	20.2
10 8	22 33.87	−15 3.8	2.236	3.063	12.3	20.4

63748 2001 QH_{263} 9 5.3 297.°43 2.°5/ 3.3 18

7 30	23 21.11	− 9 54.6	1.515	2.381	16.1	19.4
8 9	23 17.69	−10 33.5	1.428	2.361	12.4	19.1
8 19	23 11.65	−11 24.3	1.361	2.341	8.1	18.8
8 29	23 3.52	−12 21.2	1.318	2.321	3.7	18.5
9 8	22 54.29	−13 16.1	1.300	2.302	3.6	18.4
9 18	22 45.16	−14 1.1	1.307	2.282	8.1	18.6
9 28	22 37.43	−14 29.7	1.339	2.263	12.8	18.9
10 8	22 32.11	−14 38.7	1.391	2.244	16.9	19.1

508974 2004 XC_{61} 9 5.3 231.°57 11.°9/17.5 18

7 30	23 32.44	−46 59.6	2.468	3.260	12.9	22.7
8 9	23 26.10	−48 47.8	2.422	3.245	12.1	22.6
8 19	23 16.97	−50 20.1	2.398	3.229	11.9	22.6
8 29	23 5.72	−51 27.4	2.397	3.213	12.3	22.6
9 8	22 53.50	−52 3.4	2.417	3.196	13.2	22.6
9 18	22 41.63	−52 5.6	2.457	3.178	14.4	22.7
9 28	22 31.44	−51 35.1	2.514	3.159	15.6	22.8
10 8	22 23.87	−50 36.4	2.586	3.140	16.8	22.8

258499 2002 AG_{66} 9 5.3 253.°11 0.°2/ 5.1 18

7 30	23 18.92	− 4 44.7	2.231	3.064	12.7	20.9
8 9	23 15.01	− 5 13.4	2.144	3.057	9.8	20.7
8 19	23 9.33	− 5 52.9	2.079	3.050	6.5	20.5
8 29	23 2.36	− 6 40.2	2.040	3.043	2.8	20.3
9 8	22 54.77	− 7 30.4	2.029	3.035	1.1	20.1
9 18	22 47.33	− 8 18.5	2.046	3.028	5.0	20.4
9 28	22 40.83	− 8 59.7	2.091	3.020	8.6	20.6
10 8	22 35.92	− 9 30.5	2.160	3.012	11.7	20.8

66532 1999 RZ_{110} 9 5.3 348.°27 1.°2/ 6.1 18

7 30	23 22.88	− 4 9.2	1.450	2.300	17.5	18.4
8 9	23 18.94	− 3 47.7	1.374	2.295	13.7	18.2
8 19	23 12.36	− 3 38.8	1.318	2.290	9.3	17.9
8 29	23 3.77	− 3 40.6	1.285	2.286	4.4	17.6
9 8	22 54.23	− 3 49.2	1.276	2.282	1.6	17.4
9 18	22 45.00	− 3 59.7	1.293	2.280	6.3	17.7
9 28	22 37.31	− 4 7.0	1.334	2.278	11.1	18.0
10 8	22 32.10	− 4 6.9	1.398	2.277	15.3	18.3

1446 Sillanpää 9 5.3 115.°78 2.°3/ 3.6 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 27.11	−10 2.9	1.476	2.333	16.9	16.2
8 9	23 21.96	−10 35.0	1.415	2.343	12.9	16.0
8 19	23 14.16	−11 16.8	1.375	2.353	8.3	15.7
8 29	23 4.46	−12 1.8	1.360	2.363	3.7	15.5
9 8	22 54.01	−12 42.6	1.370	2.372	3.2	15.5
9 18	22 44.10	−13 12.8	1.406	2.381	7.6	15.8
9 28	22 35.93	−13 27.7	1.468	2.390	12.0	16.1
10 8	22 30.30	−13 25.9	1.551	2.398	15.8	16.3

216575 2002 CE_{279} 9 5.3 217.°85 3.°1/ 7.9 17

7 30	23 22.24	+ 3 44.5	1.591	2.408	17.7	21.3
8 9	23 18.31	+ 3 33.7	1.507	2.403	14.3	21.1
8 19	23 11.89	+ 3 1.1	1.442	2.398	10.3	20.9
8 29	23 3.58	+ 2 8.1	1.401	2.393	5.9	20.6
9 8	22 54.30	+ 0 59.6	1.384	2.387	3.1	20.4
9 18	22 45.22	− 0 17.2	1.394	2.381	6.0	20.6
9 28	22 37.51	− 1 33.2	1.430	2.374	10.5	20.8
10 8	22 32.07	− 2 40.5	1.489	2.367	14.6	21.1

174746 2003 UE_{242} 9 5.3 121.°88 5.°4/ 1.3 18

7 30	23 25.69	−16 47.9	1.444	2.316	16.4	19.9
8 9	23 21.09	−17 43.7	1.383	2.318	12.6	19.7
8 19	23 13.72	−18 43.8	1.343	2.319	8.6	19.5
8 29	23 4.32	−19 39.2	1.326	2.321	5.7	19.3
9 8	22 54.07	−20 20.9	1.334	2.322	6.4	19.3
9 18	22 44.32	−20 42.4	1.368	2.324	10.0	19.6
9 28	22 36.33	−20 40.6	1.424	2.325	13.9	19.8
10 8	22 30.98	−20 16.3	1.501	2.326	17.3	20.0

116901 2004 FX_{147} 9 5.3 347.°18 2.°0/ 9.3 17

7 30	23 11.48	+ 5 56.7	4.282	5.050	8.2	19.7
8 9	23 8.50	+ 5 43.3	4.187	5.050	6.6	19.6
8 19	23 4.68	+ 5 20.9	4.116	5.050	4.9	19.5
8 29	23 0.27	+ 4 50.3	4.071	5.049	3.2	19.4
9 8	22 55.60	+ 4 13.2	4.055	5.049	2.0	19.3
9 18	22 51.01	+ 3 31.7	4.068	5.049	2.8	19.4
9 28	22 46.85	+ 2 48.4	4.111	5.049	4.4	19.5
10 8	22 43.43	+ 2 6.1	4.181	5.048	6.2	19.6

262973 2007 ET_{10} 9 5.3 228.°01 0.°3/ 5.7 18

7 30	23 18.36	− 3 6.5	2.315	3.142	12.5	21.2
8 9	23 14.49	− 3 32.8	2.231	3.140	9.7	21.0
8 19	23 8.95	− 4 10.5	2.169	3.137	6.5	20.8
8 29	23 2.19	− 4 56.6	2.132	3.134	2.9	20.5
9 8	22 54.87	− 5 47.0	2.124	3.131	0.9	20.4
9 18	22 47.72	− 6 36.6	2.145	3.128	4.6	20.6
9 28	22 41.49	− 7 20.9	2.193	3.124	8.1	20.8
10 8	22 36.76	− 7 56.1	2.265	3.121	11.1	21.0

177220 2003 UN_{188} 9 5.3 345.°85 3.°1/ 3.5 18

7 30	23 24.26	−12 12.0	1.169	2.050	18.8	19.3
8 9	23 20.60	−12 23.6	1.103	2.044	14.5	19.0
8 19	23 13.74	−12 43.5	1.056	2.038	9.5	18.7
8 29	23 4.44	−13 5.1	1.030	2.034	4.5	18.4
9 8	22 54.03	−13 20.4	1.028	2.030	4.1	18.4
9 18	22 44.09	−13 23.0	1.049	2.027	9.0	18.6
9 28	22 36.16	−13 8.7	1.092	2.025	14.1	18.9
10 8	22 31.25	−12 36.7	1.155	2.024	18.6	19.2

219490 2001 EL_{26} 9 5.3 230.°68 0.°8/ 6.3 18

7 30	23 16.64	− 0 29.5	2.590	3.404	11.7	20.7
8 9	23 13.04	− 1 9.7	2.497	3.397	9.2	20.6
8 19	23 7.94	− 2 2.8	2.426	3.389	6.2	20.4
8 29	23 1.76	− 3 5.9	2.383	3.382	3.0	20.1
9 8	22 55.05	− 4 14.9	2.368	3.374	1.0	20.0
9 18	22 48.44	− 5 24.8	2.382	3.366	4.1	20.2
9 28	22 42.61	− 6 30.4	2.425	3.358	7.4	20.4
10 8	22 38.10	− 7 27.4	2.494	3.349	10.2	20.6

346503 2008 UO_{102} 9 5.3 261.°01 3.°0/ 2.7 18

7 30	23 24.04	−12 57.4	1.881	2.735	13.9	21.7
8 9	23 19.39	−13 31.5	1.794	2.721	10.7	21.4
8 19	23 12.46	−14 11.9	1.730	2.707	7.1	21.2
8 29	23 3.80	−14 53.3	1.692	2.692	3.7	20.9
9 8	22 54.29	−15 29.2	1.680	2.677	3.8	20.9
9 18	22 44.95	−15 54.2	1.696	2.662	7.4	21.1
9 28	22 36.84	−16 4.2	1.737	2.647	11.2	21.3
10 8	22 30.79	−15 57.7	1.801	2.632	14.7	21.5

507202 2010 TB_{122} 9 5.3 335.°08 6.°1/ 1.3 17

7 30	23 21.54	−16 25.3	1.123	2.016	18.5	20.6
8 9	23 18.72	−17 17.7	1.059	2.005	14.4	20.3
8 19	23 12.64	−18 16.6	1.013	1.995	9.9	20.1
8 29	23 4.02	−19 11.9	0.989	1.987	6.4	19.9
9 8	22 54.21	−19 52.1	0.987	1.979	7.3	19.9
9 18	22 44.83	−20 8.8	1.007	1.971	11.5	20.1
9 28	22 37.48	−19 57.8	1.048	1.965	16.2	20.3
10 8	22 33.21	−19 20.0	1.107	1.960	20.3	20.6

277701 2006 CD_{61} 9 5.3 81°.41 7°.7/28.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 20.99	−22 12.6	1.667	2.542	14.3	19.7
8 9	23 17.20	−24 5.2	1.618	2.550	11.3	19.6
8 19	23 11.03	−25 57.2	1.593	2.558	8.7	19.4
8 29	23 3.15	−27 37.9	1.592	2.565	7.7	19.4
9 8	22 54.57	−28 57.3	1.617	2.573	9.0	19.5
9 18	22 46.41	−29 49.1	1.667	2.581	11.6	19.7
9 28	22 39.76	−30 11.0	1.739	2.589	14.4	19.9
10 8	22 35.36	−30 4.9	1.830	2.596	16.9	20.1

518231 2016 TC_{58} 9 5.3 262°.03 5°.1/ 9.6 18

7 30	23 23.11	+ 7 50.0	2.056	2.832	15.6	21.8
8 9	23 18.60	+ 8 22.3	1.952	2.815	13.0	21.6
8 19	23 11.95	+ 8 37.9	1.869	2.798	10.1	21.3
8 29	23 3.61	+ 8 35.4	1.808	2.780	7.1	21.1
9 8	22 54.35	+ 8 15.8	1.774	2.762	5.2	21.0
9 18	22 45.07	+ 7 41.8	1.767	2.743	6.2	21.0
9 28	22 36.78	+ 6 58.8	1.787	2.724	9.2	21.2
10 8	22 30.32	+ 6 13.0	1.832	2.705	12.5	21.3

356427 2010 VJ_{122} 9 5.3 273°.24 1°.8/ 8.8 15

7 30	23 12.24	+ 4 18.2	4.414	5.189	7.9	21.2
8 9	23 9.06	+ 4 13.4	4.316	5.184	6.3	21.0
8 19	23 5.05	+ 4 0.5	4.242	5.180	4.6	20.9
8 29	23 0.45	+ 3 40.4	4.194	5.176	2.9	20.8
9 8	22 55.58	+ 3 14.7	4.175	5.172	1.8	20.7
9 18	22 50.78	+ 2 45.1	4.186	5.168	2.6	20.8
9 28	22 46.40	+ 2 13.9	4.226	5.163	4.4	20.9
10 8	22 42.74	+ 1 43.4	4.294	5.159	6.1	21.0

56650 2000 KE_{42} 9 5.3 2°.65 3°.1/ 2.2 18

7 30	23 12.82	− 5 36.5	1.233	2.114	18.0	18.1
8 9	23 11.53	− 7 33.0	1.170	2.113	13.6	17.9
8 19	23 7.65	− 9 52.7	1.128	2.112	8.7	17.6
8 29	23 1.81	−12 24.8	1.109	2.113	3.9	17.3
9 8	22 55.06	−14 53.9	1.114	2.114	4.6	17.4
9 18	22 48.64	−17 5.2	1.145	2.117	9.4	17.6
9 28	22 43.79	−18 47.6	1.199	2.120	14.2	17.9
10 8	22 41.39	−19 56.2	1.272	2.125	18.2	18.2

137278 1999 RU_{165} 9 5.3 303°.15 0°.7/ 4.8 18

7 30	23 24.27	− 7 33.4	1.346	2.208	17.9	19.6
8 9	23 20.46	− 7 33.7	1.261	2.190	14.0	19.3
8 19	23 13.67	− 7 46.0	1.195	2.173	9.3	19.0
8 29	23 4.49	− 8 6.3	1.152	2.156	4.0	18.6
9 8	22 54.02	− 8 28.5	1.133	2.139	2.0	18.5
9 18	22 43.70	− 8 46.3	1.139	2.122	7.6	18.8
9 28	22 35.00	− 8 53.8	1.168	2.106	12.9	19.0
10 8	22 29.06	− 8 47.4	1.218	2.090	17.6	19.3

474224 2001 CR_{36} 9 5.3 170°.45 3°.8/ 9.1 18

7 30	23 23.94	+ 6 13.6	2.355	3.128	13.9	22.2
8 9	23 18.73	+ 6 30.6	2.267	3.132	11.4	22.1
8 19	23 11.73	+ 6 32.7	2.201	3.135	8.5	21.9
8 29	23 3.41	+ 6 20.0	2.160	3.137	5.6	21.7
9 8	22 54.48	+ 5 54.5	2.147	3.140	3.8	21.6
9 18	22 45.72	+ 5 19.4	2.163	3.141	5.0	21.7
9 28	22 37.95	+ 4 39.4	2.206	3.142	7.8	21.9
10 8	22 31.80	+ 3 59.6	2.276	3.142	10.7	22.0

226256 2002 YF_{25} 9 5.3 311°.59 1°.9/ 3.8 18

7 30	23 18.31	− 7 26.3	1.333	2.205	17.4	20.5
8 9	23 15.89	− 8 8.0	1.246	2.183	13.5	20.2
8 19	23 10.69	− 9 6.5	1.179	2.160	8.9	19.8
8 29	23 3.23	−10 16.1	1.134	2.138	3.8	19.5
9 8	22 54.52	−11 27.8	1.113	2.117	3.1	19.4
9 18	22 45.87	−12 31.8	1.116	2.096	8.3	19.6
9 28	22 38.71	−13 19.3	1.142	2.076	13.6	19.9
10 8	22 34.14	−13 45.1	1.188	2.056	18.2	20.1

14329 1981 EY_{10} 9 5.3 327°.92 1°.9/ 6.8 18

7 30	23 18.49	+ 0 6.3	1.386	2.233	18.3	18.0
8 9	23 15.74	− 0 6.2	1.307	2.224	14.5	17.7
8 19	23 10.39	− 0 39.6	1.247	2.216	10.1	17.5
8 29	23 3.01	− 1 31.3	1.209	2.208	5.1	17.2
9 8	22 54.63	− 2 35.3	1.195	2.201	2.0	16.9
9 18	22 46.45	− 3 43.5	1.206	2.194	6.4	17.2
9 28	22 39.75	− 4 46.7	1.241	2.188	11.4	17.5
10 8	22 35.49	− 5 37.4	1.297	2.182	15.8	17.7

299214 2005 JO_{50} 9 5.3 11°.07 3°.4/ 2.2 18

7 30	23 20.12	−12 48.1	1.724	2.590	14.4	20.6
8 9	23 16.38	−13 37.8	1.658	2.591	11.0	20.4
8 19	23 10.45	−14 34.5	1.613	2.592	7.2	20.1
8 29	23 2.91	−15 31.8	1.593	2.593	3.9	19.9
9 8	22 54.70	−16 22.3	1.599	2.595	4.3	20.0
9 18	22 46.81	−16 59.9	1.632	2.597	7.8	20.2
9 28	22 40.26	−17 20.4	1.689	2.599	11.5	20.4
10 8	22 35.77	−17 22.3	1.768	2.602	14.7	20.6

127133 2002 GS_{106} 9 5.3 35°.63 1°.7/ 3.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 15.93	− 4 36.4	1.368	2.236	17.4	19.2
8 9	23 13.52	− 6 4.4	1.315	2.249	13.2	19.0
8 19	23 8.71	− 7 50.9	1.283	2.264	8.4	18.8
8 29	23 2.18	− 9 47.2	1.274	2.279	3.5	18.5
9 8	22 54.99	−11 41.8	1.291	2.295	2.9	18.6
9 18	22 48.26	−13 23.6	1.334	2.311	7.6	18.9
9 28	22 43.05	−14 44.1	1.401	2.328	12.0	19.2
10 8	22 40.08	−15 39.4	1.489	2.346	15.8	19.5

490340 2009 DO_{49} 9 5.3 186°.63 1°.8/ 3.5 18

7 30	23 23.95	−11 8.4	2.327	3.166	12.1	22.3
8 9	23 18.73	−11 31.0	2.248	3.166	9.2	22.1
8 19	23 11.71	−11 59.1	2.192	3.165	6.0	21.9
8 29	23 3.41	−12 28.7	2.162	3.164	2.8	21.7
9 8	22 54.53	−12 55.2	2.162	3.163	2.5	21.6
9 18	22 45.90	−13 14.9	2.190	3.161	5.7	21.9
9 28	22 38.30	−13 24.6	2.246	3.159	8.9	22.1
10 8	22 32.37	−13 22.7	2.327	3.156	11.8	22.2

344867 2004 JP_{8} 9 5.3 53°.61 2°.5/ 7.8 18

7 30	23 17.46	+ 5 39.9	1.379	2.207	19.4	20.0
8 9	23 14.66	+ 4 40.3	1.322	2.225	15.5	19.8
8 19	23 9.44	+ 3 12.4	1.283	2.243	10.9	19.6
8 29	23 2.50	+ 1 21.1	1.267	2.261	5.9	19.4
9 8	22 54.90	− 0 44.0	1.275	2.280	2.5	19.2
9 18	22 47.77	− 2 51.1	1.310	2.299	6.0	19.5
9 28	22 42.19	− 4 48.1	1.371	2.318	10.5	19.8
10 8	22 38.89	− 6 26.2	1.455	2.338	14.6	20.1

448675 2010 VY_{204} 9 5.3 291°.45 5°.4/30.7 18

7 30	23 21.69	−21 11.2	2.143	3.004	12.2	21.0
8 9	23 17.33	−22 3.5	2.067	2.993	9.5	20.8
8 19	23 10.97	−22 55.8	2.014	2.981	7.0	20.6
8 29	23 3.14	−23 41.5	1.987	2.970	5.5	20.5
9 8	22 54.65	−24 14.5	1.987	2.959	6.3	20.5
9 18	22 46.38	−24 30.3	2.013	2.947	8.7	20.7
9 28	22 39.25	−24 26.6	2.064	2.936	11.5	20.8
10 8	22 33.95	−24 3.7	2.137	2.925	14.1	21.0

218526 2004 TM_{306} 9 5.3 62°.84 0°.9/ 6.2 18

7 30	23 21.23	− 2 58.0	2.221	3.044	13.1	19.9
8 9	23 16.72	− 2 57.4	2.142	3.047	10.3	19.7
8 19	23 10.43	− 3 7.1	2.085	3.050	6.9	19.5
8 29	23 2.87	− 3 25.0	2.054	3.053	3.3	19.3
9 8	22 54.76	− 3 47.8	2.050	3.057	1.2	19.2
9 18	22 46.88	− 4 11.7	2.076	3.060	4.6	19.4
9 28	22 40.02	− 4 32.7	2.128	3.063	8.1	19.6
10 8	22 34.79	− 4 47.5	2.206	3.067	11.2	19.8

1775 Zimmerwald 9 5.3 44°.67 4°.7/10.1 18 R

7 30	23 16.83	+ 9 35.1	1.453	2.260	19.6	15.6
8 9	23 14.10	+ 9 6.7	1.393	2.276	16.1	15.4
8 19	23 9.05	+ 8 9.1	1.351	2.294	12.0	15.2
8 29	23 2.34	+ 6 44.6	1.330	2.311	7.7	15.0
9 8	22 54.97	+ 4 59.7	1.333	2.329	4.8	14.9
9 18	22 48.04	+ 3 4.4	1.362	2.348	6.2	15.0
9 28	22 42.57	+ 1 10.2	1.416	2.367	9.9	15.3
10 8	22 39.29	− 0 32.8	1.494	2.386	13.7	15.5

181049 2005 PH_{4} 9 5.3 54°.21 3°.7/ 3.4 18

7 30	23 33.28	−15 34.2	1.284	2.148	18.4	18.9
8 9	23 26.82	−15 31.9	1.237	2.168	14.1	18.6
8 19	23 17.34	−15 31.8	1.210	2.187	9.3	18.4
8 29	23 5.82	−15 27.5	1.207	2.207	4.8	18.2
9 8	22 53.75	−15 13.3	1.228	2.227	4.5	18.3
9 18	22 42.63	−14 46.1	1.276	2.248	8.6	18.6
9 28	22 33.77	−14 5.1	1.348	2.269	13.0	18.9
10 8	22 27.92	−13 11.9	1.441	2.290	16.7	19.2

156930 2003 FZ_{74} 9 5.3 57°.13 2°.2/ 3.2 18

7 30	23 18.85	− 7 2.4	1.505	2.368	16.3	19.2
8 9	23 15.61	− 8 18.8	1.447	2.379	12.3	19.0
8 19	23 10.03	− 9 49.9	1.410	2.390	7.9	18.8
8 29	23 2.77	−11 27.7	1.398	2.402	3.4	18.6
9 8	22 54.83	−13 2.3	1.411	2.413	3.3	18.6
9 18	22 47.30	−14 24.5	1.451	2.425	7.6	18.9
9 28	22 41.24	−15 27.4	1.516	2.437	11.8	19.2
10 8	22 37.39	−16 7.8	1.602	2.449	15.4	19.4

476019 2007 RB_{166} 9 5.3 20°.43 0°.5/ 5.6 18

7 30	23 24.21	− 5 55.7	1.359	2.217	18.0	20.2
8 9	23 19.95	− 5 33.9	1.298	2.224	14.0	20.0
8 19	23 12.98	− 5 23.9	1.256	2.231	9.3	19.8
8 29	23 4.06	− 5 22.7	1.237	2.240	4.1	19.5
9 8	22 54.36	− 5 26.0	1.243	2.250	1.4	19.3
9 18	22 45.17	− 5 29.1	1.274	2.260	6.5	19.7
9 28	22 37.73	− 5 27.5	1.329	2.271	11.3	20.0
10 8	22 32.87	− 5 17.7	1.406	2.283	15.3	20.3

117893 2781 *P–L* 9 5.3 352°.85 6°.9/ 1.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 19.10	−18 28.7	0.908	1.817	20.2	17.7
8 9	23 17.38	−18 54.3	0.852	1.807	15.8	17.4
8 19	23 12.01	−19 21.6	0.813	1.798	11.0	17.1
8 29	23 3.83	−19 40.0	0.794	1.792	7.3	16.9
9 8	22 54.42	−19 39.1	0.794	1.787	8.0	16.9
9 18	22 45.63	−19 12.5	0.814	1.785	12.3	17.1
9 28	22 39.21	−18 18.6	0.853	1.785	17.2	17.4
10 8	22 36.21	−17 0.8	0.910	1.787	21.6	17.7

324107 2005 XE_{52} 9 5.3 252°.88 0°.1/ 5.2 18

7 30	23 19.71	− 5 15.3	2.375	3.205	12.2	21.6
8 9	23 15.53	− 5 33.4	2.286	3.198	9.4	21.4
8 19	23 9.67	− 6 0.7	2.220	3.190	6.2	21.2
8 29	23 2.58	− 6 34.6	2.180	3.183	2.7	21.0
9 8	22 54.89	− 7 11.0	2.169	3.175	1.0	20.8
9 18	22 47.35	− 7 45.8	2.186	3.167	4.7	21.1
9 28	22 40.71	− 8 14.8	2.230	3.159	8.1	21.3
10 8	22 35.57	− 8 35.1	2.300	3.151	11.2	21.5

47323 1999 XD_{22} 9 5.3 211°.01 1°.7/ 3.4 18

7 30	23 19.22	− 7 50.5	2.136	2.980	12.8	19.4
8 9	23 15.36	− 8 51.3	2.054	2.977	9.8	19.2
8 19	23 9.65	−10 2.9	1.996	2.972	6.3	19.0
8 29	23 2.59	−11 20.1	1.965	2.968	2.8	18.7
9 8	22 54.89	−12 36.3	1.961	2.963	2.5	18.7
9 18	22 47.36	−13 45.1	1.986	2.958	6.1	18.9
9 28	22 40.84	−14 41.2	2.038	2.953	9.6	19.1
10 8	22 35.99	−15 21.2	2.114	2.947	12.7	19.3

195199 2002 CL_{291} 9 5.3 88°.51 5°.3/11.2 18

7 30	23 19.09	+12 6.5	1.809	2.580	17.6	19.8
8 9	23 15.47	+11 49.0	1.738	2.594	14.7	19.6
8 19	23 9.79	+11 5.9	1.685	2.608	11.3	19.4
8 29	23 2.65	+ 9 57.6	1.654	2.622	7.9	19.2
9 8	22 54.89	+ 8 28.7	1.649	2.636	5.5	19.1
9 18	22 47.46	+ 6 46.1	1.670	2.650	6.1	19.2
9 28	22 41.26	+ 4 59.2	1.719	2.664	9.0	19.4
10 8	22 36.99	+ 3 17.2	1.793	2.677	12.2	19.6

508217 2015 GO_{29} 9 5.3 192°.50 0°.0/ 5.1 17

7 30	23 22.70	− 3 42.3	1.870	2.703	14.8	22.4
8 9	23 18.25	− 4 14.4	1.789	2.702	11.5	22.2
8 19	23 11.67	− 5 0.4	1.730	2.700	7.6	22.0
8 29	23 3.49	− 5 56.4	1.696	2.698	3.3	21.7
9 8	22 54.57	− 6 56.5	1.689	2.696	1.2	21.6
9 18	22 45.87	− 7 54.5	1.711	2.693	5.7	21.9
9 28	22 38.38	− 8 44.1	1.759	2.689	9.8	22.1
10 8	22 32.85	− 9 20.9	1.830	2.685	13.4	22.3

338789 2003 UZ_{316} 9 5.3 265°.00 1°.8/ 6.9 18

7 30	23 20.67	+ 0 7.7	1.868	2.691	15.2	21.5
8 9	23 16.76	− 0 1.0	1.780	2.683	12.1	21.3
8 19	23 10.74	− 0 25.5	1.713	2.675	8.4	21.1
8 29	23 3.12	− 1 3.6	1.670	2.667	4.4	20.8
9 8	22 54.70	− 1 51.2	1.654	2.659	1.8	20.6
9 18	22 46.43	− 2 42.6	1.665	2.651	5.3	20.9
9 28	22 39.30	− 3 31.6	1.703	2.643	9.4	21.1
10 8	22 34.08	− 4 12.8	1.764	2.635	13.1	21.3

37869 1998 FN_{21} 9 5.3 66°.19 0°.9/ 4.6 17

7 30	23 26.06	− 6 59.5	1.571	2.419	16.5	19.0
8 9	23 20.77	− 7 22.0	1.525	2.447	12.5	18.8
8 19	23 13.16	− 7 55.5	1.500	2.475	8.1	18.6
8 29	23 4.03	− 8 34.6	1.500	2.504	3.3	18.4
9 8	22 54.43	− 9 13.0	1.526	2.532	1.8	18.4
9 18	22 45.50	− 9 45.1	1.580	2.560	6.3	18.7
9 28	22 38.21	−10 6.4	1.658	2.588	10.4	19.0
10 8	22 33.21	−10 14.6	1.760	2.615	13.8	19.3

476226 2007 VU_{16} 9 5.3 292°.35 1°.7/ 3.8 16

7 30	23 20.21	− 8 38.9	1.811	2.665	14.4	22.1
8 9	23 16.57	− 9 14.8	1.721	2.647	11.1	21.9
8 19	23 10.71	−10 1.5	1.652	2.630	7.2	21.6
8 29	23 3.14	−10 54.4	1.608	2.612	3.2	21.3
9 8	22 54.69	−11 46.9	1.591	2.595	2.6	21.3
9 18	22 46.34	−12 32.7	1.601	2.577	6.7	21.5
9 28	22 39.15	−13 5.9	1.636	2.560	10.9	21.7
10 8	22 33.95	−13 23.4	1.694	2.543	14.6	21.9

318354 2004 TN_{322} 9 5.3 231°.33 5°.5/ 1.5 17

7 30	23 27.46	−17 3.7	1.392	2.263	16.9	21.4
8 9	23 22.67	−17 52.8	1.327	2.261	13.1	21.2
8 19	23 14.92	−18 46.0	1.283	2.259	9.0	20.9
8 29	23 4.96	−19 34.2	1.261	2.257	5.9	20.7
9 8	22 54.05	−20 8.4	1.265	2.254	6.5	20.8
9 18	22 43.61	−20 21.9	1.294	2.251	10.2	21.0
9 28	22 35.04	−20 11.9	1.345	2.249	14.3	21.2
10 8	22 29.26	−19 39.3	1.417	2.246	18.0	21.4

415 Palatia 9 5.3 307°.23 3°.2/ 2.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 17.65	−10 22.1	1.721	2.586	14.5	13.3
8 9	23 14.88	−11 27.9	1.620	2.554	11.1	13.0
8 19	23 9.79	−12 47.4	1.541	2.522	7.3	12.7
8 29	23 2.83	−14 14.2	1.487	2.489	3.8	12.4
9 8	22 54.78	−15 39.6	1.459	2.457	4.2	12.4
9 18	22 46.68	−16 54.7	1.458	2.425	8.3	12.5
9 28	22 39.67	−17 51.8	1.480	2.393	12.6	12.7
10 8	22 34.72	−18 26.6	1.524	2.362	16.5	12.9

251731 1998 HY_{24} 9 5.3 103°.67 2°.0/ 3.6 17

7 30	23 26.20	− 8 43.6	1.598	2.448	16.1	20.5
8 9	23 21.00	− 9 30.7	1.544	2.468	12.2	20.3
8 19	23 13.41	−10 28.1	1.511	2.488	7.9	20.1
8 29	23 4.18	−11 29.4	1.504	2.507	3.4	19.9
9 8	22 54.37	−12 26.9	1.523	2.525	2.9	19.9
9 18	22 45.11	−13 13.9	1.569	2.543	7.1	20.2
9 28	22 37.46	−13 45.5	1.641	2.561	11.1	20.5
10 8	22 32.12	−13 59.8	1.736	2.578	14.6	20.8

94756 2001 XQ_{89} 9 5.3 75°.43 4°.2/ 2.5 18

7 30	23 26.93	−13 15.5	1.247	2.121	18.3	19.4
8 9	23 22.20	−14 5.3	1.198	2.135	13.9	19.1
8 19	23 14.50	−15 2.7	1.170	2.150	9.1	18.9
8 29	23 4.71	−15 58.7	1.164	2.164	4.9	18.7
9 8	22 54.18	−16 43.8	1.182	2.179	5.3	18.8
9 18	22 44.39	−17 10.9	1.225	2.193	9.4	19.1
9 28	22 36.64	−17 16.4	1.291	2.208	13.8	19.4
10 8	22 31.75	−17 0.4	1.377	2.222	17.5	19.6

479138 2013 BK_{54} 9 5.3 321°.76 2°.9/ 2.9 18

7 30	23 20.66	−11 52.4	1.705	2.569	14.7	21.1
8 9	23 16.95	−12 28.4	1.628	2.559	11.2	20.9
8 19	23 10.95	−13 12.3	1.572	2.551	7.3	20.6
8 29	23 3.22	−13 58.3	1.540	2.542	3.7	20.4
9 8	22 54.69	−14 39.5	1.534	2.534	3.7	20.4
9 18	22 46.39	−15 10.0	1.555	2.526	7.5	20.6
9 28	22 39.41	−15 25.1	1.601	2.518	11.5	20.8
10 8	22 34.54	−15 23.0	1.668	2.511	15.0	21.0

519141 2010 MU_{116} 9 5.3 42°.95 1°.1/ 6.4 16

7 30	23 18.55	− 0 40.2	1.753	2.588	15.6	21.6
8 9	23 15.11	− 1 8.4	1.683	2.594	12.2	21.4
8 19	23 9.60	− 1 53.2	1.633	2.601	8.3	21.2
8 29	23 2.59	− 2 51.2	1.608	2.608	4.0	21.0
9 8	22 54.94	− 3 56.4	1.608	2.615	1.3	20.8
9 18	22 47.58	− 5 2.1	1.636	2.622	5.3	21.1
9 28	22 41.46	− 6 1.4	1.690	2.630	9.4	21.4
10 8	22 37.28	− 6 49.0	1.767	2.638	13.0	21.6

34492 2000 SP_{139} 9 5.3 281°.54 4°.4/ 9.7 18

7 30	23 19.47	+ 7 30.3	2.174	2.955	14.7	19.3
8 9	23 15.58	+ 7 46.9	2.081	2.948	12.2	19.1
8 19	23 9.84	+ 7 46.4	2.008	2.941	9.3	18.9
8 29	23 2.71	+ 7 28.8	1.959	2.934	6.3	18.7
9 8	22 54.89	+ 6 56.0	1.936	2.927	4.4	18.6
9 18	22 47.17	+ 6 11.5	1.941	2.920	5.4	18.6
9 28	22 40.40	+ 5 20.7	1.972	2.913	8.3	18.8
10 8	22 35.28	+ 4 29.6	2.029	2.906	11.3	19.0

254938 2005 SB_{157} 9 5.3 337°.63 4°.0/ 1.9 18

7 30	23 22.11	−16 1.7	1.840	2.704	13.7	20.2
8 9	23 17.87	−16 33.6	1.767	2.698	10.6	20.0
8 19	23 11.43	−17 8.7	1.716	2.693	7.1	19.7
8 29	23 3.40	−17 41.1	1.690	2.687	4.3	19.6
9 8	22 54.66	−18 4.7	1.691	2.683	4.7	19.6
9 18	22 46.22	−18 14.8	1.718	2.678	7.9	19.8
9 28	22 39.09	−18 8.5	1.769	2.674	11.4	20.0
10 8	22 33.99	−17 45.6	1.843	2.671	14.5	20.2

427875 2005 SU_{57} 9 5.3 347°.11 2°.4/ 3.8 17

7 30	23 23.60	−10 57.4	1.320	2.192	17.6	20.3
8 9	23 19.78	−11 10.9	1.252	2.187	13.6	20.1
8 19	23 13.08	−11 33.4	1.202	2.183	8.9	19.8
8 29	23 4.21	−11 59.1	1.176	2.179	4.0	19.5
9 8	22 54.36	−12 20.8	1.173	2.176	3.4	19.5
9 18	22 44.91	−12 32.3	1.196	2.174	8.1	19.7
9 28	22 37.22	−12 29.2	1.241	2.172	12.9	20.0
10 8	22 32.24	−12 9.7	1.307	2.171	17.1	20.3

151464 2002 GE_{128} 9 5.3 27°.10 0°.0/ 5.1 18

7 30	23 18.50	− 4 26.3	1.941	2.782	14.0	20.0
8 9	23 14.87	− 4 48.9	1.870	2.787	10.8	19.8
8 19	23 9.35	− 5 23.2	1.821	2.793	7.1	19.6
8 29	23 2.47	− 6 5.8	1.797	2.799	3.1	19.3
9 8	22 55.01	− 6 51.5	1.799	2.806	1.1	19.2
9 18	22 47.84	− 7 35.1	1.829	2.813	5.2	19.5
9 28	22 41.78	− 8 11.3	1.886	2.820	9.0	19.7
10 8	22 37.50	− 8 36.7	1.966	2.827	12.3	20.0

448990 2012 BD_{23} 9 5.3 186°.78 3°.3/31.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 19.35	−16 33.8	2.897	3.745	9.7	21.7
8 9	23 14.95	−17 27.8	2.822	3.745	7.4	21.6
8 19	23 9.14	−18 24.1	2.772	3.744	5.0	21.4
8 29	23 2.33	−19 18.1	2.750	3.742	3.4	21.3
9 8	22 55.07	−20 5.4	2.757	3.741	3.9	21.3
9 18	22 47.97	−20 42.3	2.793	3.738	6.0	21.5
9 28	22 41.66	−21 6.1	2.856	3.736	8.4	21.6
10 8	22 36.65	−21 15.8	2.943	3.733	10.6	21.8

418184 2008 CU_{4} 9 5.3 214°.83 10°.1/12.5 18

7 30	23 31.92	+17 50.4	1.963	2.665	18.4	20.8
8 9	23 25.74	+19 26.6	1.867	2.659	16.3	20.7
8 19	23 16.91	+20 43.5	1.789	2.651	14.0	20.5
8 29	23 5.92	+21 35.4	1.733	2.643	11.7	20.3
9 8	22 53.68	+21 58.8	1.701	2.634	10.3	20.2
9 18	22 41.35	+21 53.4	1.695	2.625	10.4	20.2
9 28	22 30.23	+21 23.3	1.715	2.615	12.0	20.3
10 8	22 21.36	+20 36.4	1.759	2.604	14.3	20.4

128224 2003 SZ_{102} 9 5.3 129°.04 1°.9/ 7.3 18

7 30	23 22.26	+ 0 9.9	2.621	3.420	12.0	19.4
8 9	23 17.22	+ 0 22.0	2.540	3.427	9.5	19.2
8 19	23 10.65	+ 0 24.1	2.481	3.434	6.7	19.1
8 29	23 2.98	+ 0 17.1	2.448	3.441	3.7	18.9
9 8	22 54.83	+ 0 3.4	2.445	3.447	1.9	18.8
9 18	22 46.89	− 0 14.1	2.470	3.454	4.0	18.9
9 28	22 39.83	− 0 32.2	2.525	3.460	7.0	19.1
10 8	22 34.18	− 0 47.7	2.605	3.466	9.7	19.3

146055 2000 EO_{114} 9 5.3 152°.03 0°.8/ 4.6 17

7 30	23 24.45	− 6 26.5	1.873	2.711	14.6	21.1
8 9	23 19.50	− 6 59.0	1.802	2.718	11.2	20.9
8 19	23 12.42	− 7 42.6	1.752	2.725	7.3	20.7
8 29	23 3.80	− 8 32.8	1.728	2.731	3.0	20.5
9 8	22 54.53	− 9 23.7	1.732	2.737	1.8	20.4
9 18	22 45.58	−10 9.2	1.763	2.742	5.9	20.7
9 28	22 37.92	−10 44.4	1.822	2.746	9.9	20.9
10 8	22 32.27	−11 6.3	1.904	2.750	13.3	21.2

307549 2003 ET_{27} 9 5.3 107°.29 3°.1/ 2.2 18

7 30	23 24.88	−15 44.0	2.377	3.222	11.7	20.9
8 9	23 19.27	−16 13.5	2.318	3.239	8.9	20.8
8 19	23 11.97	−16 44.7	2.283	3.255	5.9	20.6
8 29	23 3.53	−17 13.2	2.275	3.272	3.4	20.5
9 8	22 54.69	−17 34.5	2.297	3.288	3.7	20.5
9 18	22 46.23	−17 45.3	2.346	3.304	6.3	20.7
9 28	22 38.90	−17 43.7	2.423	3.319	9.1	20.9
10 8	22 33.25	−17 29.3	2.525	3.334	11.6	21.1

491857 2013 AV_{117} 9 5.3 300°.05 0°.3/ 5.0 18

7 30	23 22.46	− 6 34.3	1.850	2.693	14.6	21.2
8 9	23 18.16	− 6 41.3	1.765	2.684	11.3	21.0
8 19	23 11.67	− 6 58.3	1.702	2.676	7.4	20.7
8 29	23 3.55	− 7 22.0	1.664	2.667	3.2	20.5
9 8	22 54.64	− 7 47.8	1.653	2.659	1.4	20.3
9 18	22 45.92	− 8 10.9	1.669	2.651	5.8	20.6
9 28	22 38.42	− 8 26.7	1.711	2.643	9.9	20.8
10 8	22 32.89	− 8 32.0	1.777	2.635	13.6	21.0

433113 2012 TU_{133} 9 5.3 101°.14 1°.4/ 3.9 18

7 30	23 20.82	− 6 6.8	1.815	2.661	14.7	21.1
8 9	23 16.73	− 7 8.8	1.753	2.675	11.2	20.9
8 19	23 10.59	− 8 23.3	1.713	2.689	7.2	20.7
8 29	23 3.01	− 9 44.4	1.699	2.703	3.0	20.5
9 8	22 54.87	−11 4.5	1.713	2.717	2.3	20.5
9 18	22 47.08	−12 16.4	1.754	2.730	6.3	20.8
9 28	22 40.57	−13 14.1	1.822	2.743	10.1	21.0
10 8	22 35.99	−13 54.4	1.912	2.756	13.4	21.3

392199 2009 SH_{248} 9 5.3 318°.85 1°.2/ 3.1 16

7 30	23 13.15	−11 50.9	4.316	5.154	7.0	21.2
8 9	23 9.79	−12 13.6	4.233	5.152	5.3	21.0
8 19	23 5.57	−12 39.0	4.175	5.149	3.4	20.9
8 29	23 0.76	−13 4.9	4.146	5.147	1.6	20.8
9 8	22 55.69	−13 29.2	4.146	5.145	1.6	20.8
9 18	22 50.72	−13 49.7	4.176	5.143	3.4	20.9
9 28	22 46.20	−14 4.7	4.234	5.141	5.2	21.0
10 8	22 42.45	−14 12.9	4.319	5.138	6.9	21.1

85062 2272 $T\text{-}_{1}$ 9 5.3 63°.90 2°.3/ 3.5 17

7 30	23 23.92	− 8 47.3	1.348	2.214	17.7	19.3
8 9	23 19.61	− 9 36.1	1.301	2.234	13.4	19.1
8 19	23 12.67	−10 36.6	1.274	2.254	8.6	18.9
8 29	23 3.92	−11 41.3	1.271	2.275	3.8	18.7
9 8	22 54.56	−12 41.2	1.293	2.295	3.3	18.7
9 18	22 45.85	−13 28.7	1.340	2.316	7.8	19.0
9 28	22 38.94	−13 58.6	1.411	2.336	12.2	19.3
10 8	22 34.56	−14 9.1	1.504	2.357	15.9	19.6

313012 1999 VC_{137} 9 5.3 224°.33 4°.5/31.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 20.91	−19 3.3	2.277	3.136	11.6	20.5
8 9	23 16.53	−19 54.8	2.209	3.135	9.0	20.3
8 19	23 10.36	−20 47.3	2.164	3.134	6.3	20.1
8 29	23 2.90	−21 34.9	2.146	3.134	4.6	20.0
9 8	22 54.91	−22 12.0	2.155	3.133	5.3	20.1
9 18	22 47.17	−22 34.6	2.191	3.132	7.7	20.2
9 28	22 40.50	−22 40.2	2.252	3.131	10.4	20.4
10 8	22 35.51	−22 28.6	2.337	3.130	12.9	20.6

73330 2002 JS_{105} 9 5.3 48°.32 1°.2/ 4.1 18

7 30	23 18.61	− 7 36.5	2.043	2.891	13.2	19.2
8 9	23 14.82	− 8 13.5	1.980	2.903	10.0	19.0
8 19	23 9.24	− 8 59.5	1.939	2.915	6.5	18.9
8 29	23 2.41	− 9 50.2	1.924	2.928	2.7	18.6
9 8	22 55.10	−10 40.1	1.936	2.940	2.0	18.6
9 18	22 48.09	−11 23.9	1.976	2.953	5.6	18.9
9 28	22 42.19	−11 57.3	2.043	2.967	9.0	19.1
10 8	22 37.97	−12 17.8	2.133	2.980	12.1	19.3

447327 2005 YX_{8} 9 5.3 340°.07 23°.2/30.4 17

7 30	22 58.44	−42 7.7	0.658	1.586	23.2	19.0
8 9	23 3.24	−48 12.5	0.646	1.569	24.1	19.0
8 19	23 3.89	−53 30.0	0.651	1.553	26.4	19.0
8 29	23 0.76	−57 28.8	0.672	1.540	29.4	19.2
9 8	22 55.61	−59 54.7	0.702	1.528	32.3	19.3
9 18	22 51.04	−60 48.6	0.740	1.519	34.8	19.5
9 28	22 49.65	−60 20.1	0.783	1.512	36.8	19.7
10 8	22 52.71	−58 43.7	0.827	1.508	38.2	19.8

400699 2009 RB_{8} 9 5.3 271°.12 1°.5/ 7.0 18

7 30	23 17.62	+ 0 26.8	2.373	3.186	12.7	21.3
8 9	23 13.94	+ 0 8.7	2.286	3.184	10.0	21.2
8 19	23 8.64	− 0 22.4	2.222	3.182	6.9	21.0
8 29	23 2.18	− 1 4.5	2.183	3.180	3.6	20.8
9 8	22 55.17	− 1 53.8	2.172	3.177	1.5	20.6
9 18	22 48.31	− 2 45.8	2.190	3.175	4.3	20.8
9 28	22 42.32	− 3 35.6	2.235	3.173	7.6	21.0
10 8	22 37.79	− 4 18.9	2.306	3.171	10.6	21.2

255185 2005 UH_{258} 9 5.3 26°.94 2°.7/ 2.8 18

7 30	23 19.61	−11 40.6	1.885	2.745	13.6	20.7
8 9	23 15.81	−12 22.8	1.819	2.749	10.4	20.5
8 19	23 10.01	−13 11.9	1.775	2.754	6.7	20.3
8 29	23 2.79	−14 2.5	1.757	2.759	3.3	20.1
9 8	22 54.97	−14 48.1	1.765	2.764	3.5	20.1
9 18	22 47.47	−15 23.5	1.801	2.769	6.8	20.3
9 28	22 41.18	−15 44.5	1.861	2.775	10.4	20.5
10 8	22 36.77	−15 49.6	1.945	2.781	13.5	20.7

469436 2002 EB_{103} 9 5.3 185°.74 0°.4/ 4.9 17

7 30	23 22.50	− 3 58.8	1.526	2.374	16.9	22.0
8 9	23 18.57	− 4 41.9	1.453	2.374	13.1	21.8
8 19	23 12.12	− 5 42.2	1.399	2.374	8.6	21.5
8 29	23 3.79	− 6 54.3	1.370	2.373	3.6	21.2
9 8	22 54.59	− 8 10.5	1.366	2.372	1.6	21.1
9 18	22 45.67	− 9 22.0	1.389	2.371	6.7	21.4
9 28	22 38.23	−10 21.3	1.438	2.370	11.4	21.7
10 8	22 33.13	−11 3.1	1.508	2.369	15.4	21.9

246594 2008 US_{163} 9 5.3 12°.14 1°.8/ 4.1 18

7 30	23 21.56	− 9 32.9	1.266	2.141	18.0	19.9
8 9	23 18.17	− 9 44.4	1.206	2.144	13.8	19.7
8 19	23 11.97	−10 6.5	1.166	2.147	9.0	19.4
8 29	23 3.72	−10 33.5	1.148	2.152	3.9	19.1
9 8	22 54.64	−10 58.3	1.154	2.158	2.8	19.1
9 18	22 46.05	−11 14.6	1.184	2.165	7.7	19.4
9 28	22 39.26	−11 17.5	1.237	2.173	12.5	19.7
10 8	22 35.12	−11 5.0	1.310	2.182	16.6	20.0

407870 2012 BQ_{86} 9 5.3 191°.82 2°.3/ 1.7 18

7 30	23 17.48	−10 19.7	2.841	3.681	10.1	21.0
8 9	23 13.60	−11 48.6	2.759	3.680	7.6	20.9
8 19	23 8.33	−13 25.2	2.703	3.678	4.9	20.7
8 29	23 2.03	−15 4.2	2.676	3.675	2.6	20.5
9 8	22 55.24	−16 39.9	2.679	3.673	3.1	20.6
9 18	22 48.56	−18 6.6	2.713	3.669	5.6	20.7
9 28	22 42.61	−19 19.9	2.776	3.666	8.3	20.9
10 8	22 37.89	−20 17.2	2.864	3.662	10.6	21.1

312411 2008 FH_{100} 9 5.3 24°.09 11°.0/25.6 18

7 30	23 29.34	−38 38.5	2.002	2.837	13.9	20.0
8 9	23 23.46	−39 45.8	1.961	2.840	12.3	19.9
8 19	23 15.04	−40 38.3	1.941	2.844	11.2	19.8
8 29	23 4.91	−41 7.6	1.944	2.847	11.0	19.8
9 8	22 54.24	−41 7.9	1.970	2.851	11.9	19.9
9 18	22 44.26	−40 37.4	2.019	2.855	13.3	20.0
9 28	22 36.06	−39 38.2	2.088	2.859	15.0	20.1
10 8	22 30.34	−38 15.0	2.176	2.864	16.7	20.3

378194 2006 XN_{53} 9 5.3 216°.87 4°.0/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 24.54	−14 45.5	1.905	2.761	13.7	21.4
8 9	23 19.76	−15 44.1	1.827	2.754	10.5	21.2
8 19	23 12.73	−16 48.8	1.771	2.746	7.1	21.0
8 29	23 4.02	−17 52.5	1.741	2.738	4.3	20.8
9 8	22 54.52	−18 47.9	1.739	2.729	4.9	20.8
9 18	22 45.24	−19 28.7	1.764	2.720	8.1	21.0
9 28	22 37.21	−19 50.9	1.815	2.710	11.6	21.2
10 8	22 31.24	−19 53.4	1.887	2.699	14.8	21.4

301729 2010 GR_{120} 9 5.3 53°.62 2°.4/ 7.8 16

7 30	23 18.11	+ 3 48.0	1.665	2.486	16.9	20.6
8 9	23 14.81	+ 3 12.2	1.604	2.503	13.4	20.4
8 19	23 9.41	+ 2 15.2	1.563	2.521	9.4	20.2
8 29	23 2.55	+ 1 0.3	1.545	2.539	5.2	20.0
9 8	22 55.11	− 0 25.7	1.553	2.557	2.4	19.9
9 18	22 48.06	− 1 54.9	1.588	2.575	5.3	20.1
9 28	22 42.32	− 3 18.8	1.649	2.594	9.3	20.4
10 8	22 38.55	− 4 30.7	1.735	2.613	12.9	20.6

41405 2000 AS_{187} 9 5.3 58°.35 4°.2/31.3 18

7 30	23 17.53	−15 26.8	2.139	3.003	12.1	17.9
8 9	23 14.05	−16 49.7	2.077	3.009	9.2	17.7
8 19	23 8.79	−18 17.3	2.040	3.015	6.2	17.5
8 29	23 2.27	−19 42.6	2.029	3.021	4.3	17.4
9 8	22 55.21	−20 58.4	2.045	3.028	5.1	17.5
9 18	22 48.40	−21 58.9	2.089	3.034	7.8	17.7
9 28	22 42.64	−22 40.4	2.158	3.041	10.6	17.9
10 8	22 38.53	−23 1.6	2.249	3.048	13.2	18.0

431673 2008 CL_{143} 9 5.3 218°.67 0°.2/ 5.2 17

7 30	23 25.05	− 5 1.0	1.815	2.650	15.1	22.7
8 9	23 20.24	− 5 22.9	1.729	2.642	11.8	22.5
8 19	23 13.12	− 5 57.5	1.663	2.635	7.8	22.3
8 29	23 4.23	− 6 41.2	1.623	2.626	3.4	22.0
9 8	22 54.47	− 7 28.3	1.611	2.617	1.3	21.8
9 18	22 44.89	− 8 12.8	1.626	2.607	6.0	22.1
9 28	22 36.56	− 8 49.1	1.667	2.597	10.3	22.3
10 8	22 30.33	− 9 13.1	1.732	2.586	14.1	22.6

273578 2007 CN_{20} 9 5.3 323°.50 0°.3/ 5.6 18

7 30	23 17.97	− 3 37.9	1.262	2.129	18.6	20.5
8 9	23 15.73	− 3 53.2	1.180	2.111	14.6	20.2
8 19	23 10.67	− 4 27.5	1.117	2.094	9.9	19.9
8 29	23 3.33	− 5 17.2	1.075	2.078	4.4	19.5
9 8	22 54.78	− 6 15.3	1.056	2.062	1.5	19.3
9 18	22 46.34	− 7 13.0	1.060	2.048	7.3	19.6
9 28	22 39.47	− 8 1.1	1.088	2.034	12.8	19.9
10 8	22 35.26	− 8 33.2	1.136	2.021	17.6	20.1

298664 2004 CL_{56} 9 5.3 176°.39 1°.0/ 4.3 18

7 30	23 19.44	− 6 21.3	2.084	2.925	13.2	20.9
8 9	23 15.55	− 7 5.9	2.007	2.926	10.1	20.7
8 19	23 9.81	− 8 1.5	1.952	2.926	6.6	20.5
8 29	23 2.73	− 9 3.6	1.923	2.927	2.7	20.2
9 8	22 55.04	−10 6.4	1.922	2.927	1.8	20.2
9 18	22 47.57	−11 4.0	1.949	2.927	5.6	20.4
9 28	22 41.14	−11 51.3	2.003	2.927	9.2	20.7
10 8	22 36.41	−12 24.8	2.081	2.927	12.4	20.9

72452 2001 DL_6 9 5.3 199°.40 4°.2/31.4 18

7 30	23 21.12	−15 52.2	2.224	3.080	12.0	19.7
8 9	23 16.81	−17 11.2	2.150	3.077	9.2	19.5
8 19	23 10.64	−18 35.1	2.100	3.073	6.3	19.3
8 29	23 3.09	−19 57.0	2.077	3.069	4.3	19.2
9 8	22 54.91	−21 10.1	2.082	3.064	5.1	19.3
9 18	22 46.91	−22 8.2	2.116	3.059	7.8	19.4
9 28	22 39.95	−22 47.7	2.175	3.054	10.7	19.6
10 8	22 34.68	−23 7.3	2.257	3.048	13.4	19.8

6483 Nikolajvasil′ev 9 5.3 343°.44 1°.4/ 6.5 18

7 30	23 15.66	− 0 0.9	1.350	2.205	18.3	17.2
8 9	23 13.64	− 0 27.3	1.274	2.196	14.5	17.0
8 19	23 9.08	− 1 16.2	1.217	2.189	9.9	16.7
8 29	23 2.56	− 2 24.2	1.181	2.182	4.9	16.4
9 8	22 55.08	− 3 43.9	1.170	2.176	1.6	16.1
9 18	22 47.83	− 5 6.1	1.182	2.171	6.4	16.4
9 28	22 42.02	− 6 20.7	1.219	2.167	11.5	16.7
10 8	22 38.59	− 7 19.9	1.277	2.164	15.9	17.0

89783 2002 AT_{109} 9 5.3 21°.03 4°.1/31.8 18

7 30	23 17.17	−13 50.3	1.882	2.750	13.3	19.2
8 9	23 14.03	−15 13.0	1.818	2.753	10.1	19.0
8 19	23 8.90	−16 42.7	1.778	2.756	6.7	18.9
8 29	23 2.35	−18 11.7	1.763	2.759	4.3	18.7
9 8	22 55.19	−19 31.8	1.775	2.763	5.1	18.8
9 18	22 48.29	−20 36.2	1.814	2.767	8.1	19.0
9 28	22 42.56	−21 20.4	1.878	2.772	11.4	19.2
10 8	22 38.66	−21 42.8	1.963	2.776	14.3	19.4

492386 2014 HC_{158} 9 5.3 322°.44 3°.4/ 2.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 19.75	−12 55.7	1.810	2.674	13.9	21.3
8 9	23 16.13	−13 49.4	1.736	2.668	10.6	21.1
8 19	23 10.37	−14 50.4	1.685	2.663	7.0	20.9
8 29	23 3.02	−15 52.3	1.659	2.659	3.9	20.7
9 8	22 54.95	−16 47.8	1.659	2.654	4.3	20.7
9 18	22 47.13	−17 30.7	1.686	2.649	7.7	20.9
9 28	22 40.54	−17 56.3	1.737	2.645	11.3	21.1
10 8	22 35.92	−18 3.0	1.811	2.641	14.6	21.3

254215 2004 RO_{92} 9 5.3 347°.51 1°.6/ 6.7 18

7 30	23 22.24	− 1 52.5	2.076	2.897	14.0	20.0
8 9	23 17.71	− 1 39.2	1.993	2.896	11.0	19.8
8 19	23 11.25	− 1 37.0	1.932	2.894	7.6	19.6
8 29	23 3.37	− 1 44.4	1.895	2.893	3.9	19.4
9 8	22 54.83	− 1 58.4	1.886	2.891	1.7	19.2
9 18	22 46.50	− 2 15.6	1.905	2.890	4.8	19.4
9 28	22 39.25	− 2 31.8	1.951	2.890	8.5	19.6
10 8	22 33.76	− 2 43.3	2.022	2.889	11.8	19.9

509026 2005 QJ_{17} 9 5.3 353°.51 2°.2/ 4.0 18

7 30	23 13.29	− 9 17.7	0.919	1.825	20.4	19.7
8 9	23 12.75	− 9 28.2	0.860	1.814	15.8	19.4
8 19	23 8.96	− 9 53.1	0.816	1.804	10.3	19.1
8 29	23 2.62	−10 26.0	0.792	1.797	4.5	18.8
9 8	22 55.09	−10 57.6	0.788	1.793	3.4	18.7
9 18	22 47.97	−11 18.9	0.804	1.790	9.2	19.0
9 28	22 42.89	−11 22.8	0.840	1.790	14.9	19.3
10 8	22 40.89	−11 6.0	0.893	1.793	19.8	19.6

523723 2014 MY_{69} 9 5.3 126°.65 0°.2/ 2.6 17

7 30	22 59.85	−13 28.2	41.101	41.942	0.8	22.1
8 9	22 59.20	−13 32.3	41.022	41.943	0.6	22.1
8 19	22 58.48	−13 36.6	40.969	41.944	0.4	22.1
8 29	22 57.71	−13 40.9	40.944	41.945	0.2	22.0
9 8	22 56.92	−13 45.0	40.949	41.946	0.2	22.0
9 18	22 56.14	−13 48.8	40.983	41.947	0.4	22.1
9 28	22 55.39	−13 52.0	41.045	41.948	0.6	22.1
10 8	22 54.71	−13 54.6	41.134	41.949	0.8	22.1

138989 2001 DK_{14} 9 5.3 312°.01 0°.0/ 5.2 18

7 30	23 21.32	− 5 17.0	1.250	2.117	18.7	19.7
8 9	23 18.46	− 5 19.8	1.165	2.096	14.8	19.4
8 19	23 12.58	− 5 38.6	1.098	2.076	9.9	19.0
8 29	23 4.22	− 6 9.9	1.052	2.056	4.4	18.7
9 8	22 54.48	− 6 47.4	1.030	2.036	1.6	18.4
9 18	22 44.80	− 7 23.4	1.031	2.018	7.6	18.7
9 28	22 36.75	− 7 50.3	1.055	2.000	13.3	19.0
10 8	22 31.51	− 8 2.3	1.099	1.982	18.2	19.2

352878 2008 XX_{48} 9 5.3 299°.47 0°.1/ 5.2 18

7 30	23 20.62	− 4 59.3	1.714	2.560	15.4	21.4
8 9	23 17.01	− 5 17.1	1.625	2.546	12.0	21.1
8 19	23 11.11	− 5 48.2	1.557	2.531	8.0	20.8
8 29	23 3.42	− 6 29.1	1.514	2.517	3.5	20.5
9 8	22 54.82	− 7 14.3	1.496	2.503	1.3	20.4
9 18	22 46.34	− 7 57.6	1.505	2.489	6.1	20.6
9 28	22 39.08	− 8 32.9	1.540	2.475	10.6	20.9
10 8	22 33.91	− 8 55.7	1.597	2.462	14.5	21.1

275449 2011 CC_{73} 9 5.4 226°.62 1°.1/ 4.4 18

7 30	23 23.54	− 6 55.3	1.817	2.660	14.8	21.2
8 9	23 19.09	− 7 30.1	1.732	2.652	11.4	21.0
8 19	23 12.37	− 8 16.7	1.669	2.644	7.5	20.8
8 29	23 3.93	− 9 10.7	1.632	2.635	3.2	20.5
9 8	22 54.65	−10 5.8	1.621	2.626	2.0	20.4
9 18	22 45.54	−10 55.3	1.638	2.616	6.4	20.6
9 28	22 37.67	−11 33.6	1.681	2.606	10.6	20.9
10 8	22 31.85	−11 57.2	1.747	2.595	14.3	21.1

255446 2005 YV_{21} 9 5.4 177°.75 0°.1/ 5.2 18

7 30	23 18.97	− 4 48.2	2.661	3.485	11.2	21.8
8 9	23 14.78	− 5 14.3	2.578	3.486	8.6	21.7
8 19	23 9.11	− 5 49.2	2.518	3.487	5.7	21.5
8 29	23 2.40	− 6 30.2	2.485	3.487	2.4	21.3
9 8	22 55.22	− 7 13.3	2.481	3.488	0.9	21.1
9 18	22 48.20	− 7 54.7	2.507	3.488	4.2	21.4
9 28	22 41.99	− 8 30.6	2.560	3.487	7.3	21.6
10 8	22 37.11	− 8 57.9	2.640	3.487	10.0	21.8

392877 2012 UW_{148} 9 5.4 312°.43 1°.3/ 4.3 18

7 30	23 19.03	− 6 56.6	1.500	2.363	16.3	20.9
8 9	23 16.17	− 7 28.1	1.411	2.342	12.7	20.6
8 19	23 10.78	− 8 14.1	1.343	2.322	8.4	20.3
8 29	23 3.35	− 9 9.9	1.298	2.302	3.5	20.0
9 8	22 54.84	−10 8.2	1.277	2.282	2.3	19.9
9 18	22 46.41	−11 0.9	1.282	2.263	7.3	20.1
9 28	22 39.32	−11 40.8	1.311	2.245	12.2	20.4
10 8	22 34.56	−12 3.2	1.361	2.227	16.5	20.6

179998 2002 XL_{115} 9 5.4 9°.68 3°.4/ 3.3 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 22.31	−12 31.1	1.099	1.987	19.2	19.0
8 9	23 19.16	−12 48.6	1.044	1.988	14.7	18.7
8 19	23 12.84	−13 14.6	1.007	1.991	9.7	18.4
8 29	23 4.19	−13 41.5	0.992	1.995	4.7	18.2
9 8	22 54.60	−14 0.9	0.999	2.000	4.4	18.2
9 18	22 45.61	−14 6.3	1.028	2.006	9.2	18.5
9 28	22 38.70	−13 53.6	1.080	2.014	14.1	18.8
10 8	22 34.77	−13 22.4	1.150	2.022	18.4	19.1

379694 2011 FQ_{72} 9 5.4 267°.52 1°.0/ 4.5 18

7 30	23 22.92	− 6 40.0	1.647	2.496	15.8	22.0
8 9	23 18.93	− 7 9.0	1.558	2.481	12.2	21.8
8 19	23 12.45	− 7 51.1	1.491	2.466	8.1	21.5
8 29	23 4.04	− 8 42.0	1.447	2.451	3.4	21.2
9 8	22 54.61	− 9 35.0	1.430	2.435	2.0	21.0
9 18	22 45.30	−10 23.1	1.439	2.419	6.8	21.3
9 28	22 37.30	−10 59.9	1.474	2.403	11.4	21.5
10 8	22 31.54	−11 21.2	1.531	2.387	15.5	21.8

260182 2004 RD_{134} 9 5.4 76°.97 1°.1/ 4.2 18

7 30	23 19.97	− 7 34.8	2.139	2.981	12.9	21.1
8 9	23 15.80	− 8 10.2	2.074	2.994	9.8	20.9
8 19	23 9.88	− 8 54.2	2.033	3.007	6.3	20.7
8 29	23 2.74	− 9 42.6	2.017	3.020	2.7	20.5
9 8	22 55.13	−10 30.3	2.029	3.034	1.9	20.5
9 18	22 47.83	−11 12.3	2.070	3.047	5.4	20.7
9 28	22 41.60	−11 44.5	2.137	3.060	8.8	21.0
10 8	22 37.02	−12 4.4	2.229	3.073	11.7	21.2

362812 2011 YV_{37} 9 5.4 118°.43 0°.7/ 4.5 18

7 30	23 18.17	− 5 54.1	2.385	3.220	12.0	20.9
8 9	23 14.31	− 6 35.9	2.310	3.226	9.1	20.8
8 19	23 8.88	− 7 27.3	2.259	3.232	5.9	20.6
8 29	23 2.32	− 8 24.5	2.234	3.237	2.5	20.4
9 8	22 55.28	− 9 22.4	2.238	3.243	1.4	20.3
9 18	22 48.45	−10 16.3	2.270	3.248	4.8	20.6
9 28	22 42.52	−11 1.7	2.330	3.254	8.1	20.8
10 8	22 38.05	−11 35.5	2.415	3.259	10.9	21.0

63014 2000 WJ_{39} 9 5.4 43°.19 2°.7/ 3.2 18

7 30	23 19.99	− 7 38.8	1.179	2.057	18.8	17.9
8 9	23 17.09	− 8 47.2	1.128	2.068	14.3	17.6
8 19	23 11.33	−10 12.0	1.096	2.079	9.2	17.4
8 29	23 3.51	−11 44.0	1.086	2.091	4.1	17.2
9 8	22 54.87	−13 11.5	1.101	2.103	3.8	17.2
9 18	22 46.81	−14 23.9	1.139	2.116	8.7	17.5
9 28	22 40.60	−15 13.9	1.200	2.129	13.5	17.8
10 8	22 37.07	−15 38.6	1.281	2.142	17.6	18.1

65035 2002 AG_{116} 9 5.4 337°.95 4°.6/31.4 18

7 30	23 17.23	−15 12.9	1.844	2.715	13.4	19.1
8 9	23 14.21	−16 33.7	1.774	2.710	10.2	18.9
8 19	23 9.13	−18 0.9	1.727	2.705	7.0	18.7
8 29	23 2.53	−19 26.8	1.706	2.700	4.7	18.5
9 8	22 55.23	−20 43.1	1.710	2.695	5.6	18.6
9 18	22 48.15	−21 42.6	1.741	2.691	8.7	18.7
9 28	22 42.24	−22 20.9	1.797	2.688	12.0	18.9
10 8	22 38.22	−22 36.5	1.873	2.684	15.0	19.1

136515 2005 QF_{37} 9 5.4 29°.39 2°.3/ 7.1 18

7 30	23 18.09	+ 0 59.0	1.082	1.945	21.2	18.8
8 9	23 15.73	+ 0 47.0	1.035	1.960	16.8	18.5
8 19	23 10.47	+ 0 9.8	1.004	1.976	11.5	18.3
8 29	23 3.14	− 0 48.3	0.994	1.993	5.9	18.1
9 8	22 55.04	− 1 59.0	1.006	2.012	2.4	17.9
9 18	22 47.56	− 3 11.8	1.041	2.031	6.8	18.2
9 28	22 41.99	− 4 16.6	1.099	2.052	11.9	18.6
10 8	22 39.13	− 5 5.9	1.177	2.073	16.3	18.9

27230 1999 JD_{50} 9 5.4 216°.27 6°.6/30.1 18

7 30	23 23.49	−20 58.2	1.747	2.615	14.1	18.4
8 9	23 19.16	−22 17.2	1.684	2.613	11.1	18.2
8 19	23 12.45	−23 37.0	1.643	2.611	8.2	18.0
8 29	23 3.98	−24 48.8	1.627	2.609	6.6	17.9
9 8	22 54.73	−25 43.8	1.637	2.606	7.7	18.0
9 18	22 45.84	−26 16.0	1.673	2.603	10.4	18.2
9 28	22 38.38	−26 22.9	1.732	2.601	13.5	18.3
10 8	22 33.16	−26 5.4	1.811	2.598	16.3	18.5

72442 2001 CN_{47} 9 5.4 319°.75 2°.2/ 4.1 18

7 30	23 22.29	− 9 59.7	1.175	2.054	18.8	19.0
8 9	23 19.39	−10 10.6	1.095	2.035	14.7	18.7
8 19	23 13.30	−10 33.2	1.034	2.016	9.7	18.3
8 29	23 4.59	−11 1.7	0.994	1.998	4.3	18.0
9 8	22 54.48	−11 28.3	0.977	1.981	3.3	17.9
9 18	22 44.53	−11 45.2	0.983	1.964	8.8	18.1
9 28	22 36.38	−11 46.1	1.011	1.949	14.4	18.4
10 8	22 31.24	−11 28.4	1.057	1.935	19.3	18.6

444968 2008 EQ_{15} 9 5.4 41°.57 3°.4/ 2.5 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 23.81	−15 22.9	1.916	2.774	13.5	21.4
8 9	23 18.98	−15 47.6	1.854	2.782	10.3	21.2
8 19	23 12.08	−16 14.9	1.814	2.790	6.9	21.0
8 29	23 3.75	−16 39.8	1.800	2.798	3.9	20.9
9 8	22 54.87	−16 56.7	1.813	2.807	4.1	20.9
9 18	22 46.40	−17 1.9	1.853	2.816	7.2	21.1
9 28	22 39.25	−16 53.1	1.919	2.825	10.5	21.3
10 8	22 34.08	−16 29.9	2.007	2.835	13.5	21.6

22344 1992 RJ_{7} 9 5.4 43°.51 0°.3/ 5.0 18

7 30	23 17.49	− 4 13.9	1.980	2.822	13.8	18.4
8 9	23 14.08	− 4 55.1	1.915	2.833	10.6	18.2
8 19	23 8.86	− 5 48.7	1.872	2.845	6.9	18.0
8 29	23 2.37	− 6 50.3	1.854	2.857	2.9	17.8
9 8	22 55.36	− 7 54.1	1.864	2.870	1.3	17.7
9 18	22 48.65	− 8 54.1	1.901	2.883	5.2	18.0
9 28	22 43.02	− 9 44.8	1.964	2.896	8.9	18.3
10 8	22 39.09	−10 22.5	2.052	2.909	12.1	18.5

261771 2006 BJ_{86} 9 5.4 245°.88 0°.9/ 4.3 18

7 30	23 19.00	− 7 23.8	2.453	3.289	11.6	21.2
8 9	23 15.01	− 7 54.6	2.366	3.283	8.9	21.1
8 19	23 9.40	− 8 33.6	2.303	3.276	5.8	20.8
8 29	23 2.61	− 9 17.5	2.266	3.269	2.4	20.6
9 8	22 55.26	−10 1.7	2.257	3.262	1.6	20.5
9 18	22 48.06	−10 42.0	2.278	3.255	4.9	20.8
9 28	22 41.71	−11 14.4	2.326	3.248	8.2	21.0
10 8	22 36.81	−11 36.0	2.398	3.240	11.1	21.1

374915 2006 XL_{53} 9 5.4 191°.52 1°.7/ 3.8 17

7 30	23 23.29	− 8 12.9	1.902	2.747	14.2	21.1
8 9	23 18.75	− 8 58.9	1.824	2.746	10.9	20.9
8 19	23 12.07	− 9 55.5	1.769	2.744	7.0	20.7
8 29	23 3.81	−10 57.5	1.739	2.742	3.1	20.4
9 8	22 54.83	−11 58.3	1.737	2.739	2.5	20.4
9 18	22 46.08	−12 51.4	1.762	2.736	6.4	20.6
9 28	22 38.55	−13 31.6	1.814	2.733	10.3	20.8
10 8	22 32.97	−13 56.0	1.890	2.729	13.7	21.1

107933 2001 FB_{110} 9 5.4 11°.15 2°.8/ 4.1 18

7 30	23 31.85	−15 6.5	1.369	2.231	17.6	17.6
8 9	23 25.94	−14 35.6	1.305	2.234	13.6	17.4
8 19	23 17.03	−14 5.5	1.261	2.238	9.0	17.2
8 29	23 5.97	−13 31.7	1.240	2.242	4.3	16.9
9 8	22 54.10	−12 50.4	1.246	2.248	3.5	16.9
9 18	22 42.90	−11 59.6	1.277	2.255	7.9	17.2
9 28	22 33.71	−10 59.3	1.334	2.262	12.4	17.4
10 8	22 27.42	− 9 50.6	1.412	2.271	16.4	17.7

323353 2003 UQ_{343} 9 5.4 81°.20 1°.8/ 7.6 18

7 30	23 16.38	+ 2 55.7	2.385	3.190	12.9	21.1
8 9	23 12.98	+ 2 19.2	2.306	3.196	10.2	20.9
8 19	23 8.04	+ 1 27.4	2.248	3.203	7.2	20.7
8 29	23 2.01	+ 0 22.8	2.216	3.210	3.9	20.5
9 8	22 55.50	− 0 50.2	2.212	3.216	1.8	20.4
9 18	22 49.17	− 2 6.2	2.237	3.223	4.1	20.6
9 28	22 43.71	− 3 19.4	2.290	3.230	7.3	20.8
10 8	22 39.66	− 4 24.7	2.369	3.236	10.3	21.0

1487 Boda 9 5.4 125°.98 0°.9/ 4.2 18

7 30	23 19.34	− 7 26.7	2.529	3.364	11.4	16.4
8 9	23 15.11	− 8 2.3	2.457	3.373	8.7	16.3
8 19	23 9.37	− 8 45.6	2.408	3.381	5.6	16.1
8 29	23 2.56	− 9 33.0	2.386	3.390	2.3	15.9
9 8	22 55.31	−10 20.0	2.394	3.398	1.6	15.9
9 18	22 48.29	−11 2.4	2.430	3.406	4.7	16.1
9 28	22 42.15	−11 36.5	2.494	3.414	7.8	16.3
10 8	22 37.41	−12 0.0	2.582	3.421	10.5	16.5

44843 1999 TX_{286} 9 5.4 110°.13 3°.9/ 8.6 18

7 30	23 22.07	+ 4 48.6	1.524	2.339	18.4	19.7
8 9	23 18.28	+ 4 50.5	1.449	2.342	15.0	19.5
8 19	23 12.01	+ 4 30.2	1.393	2.345	10.9	19.3
8 29	23 3.86	+ 3 48.5	1.359	2.348	6.6	19.0
9 8	22 54.83	+ 2 49.9	1.350	2.350	3.9	18.9
9 18	22 46.09	+ 1 41.3	1.367	2.353	6.2	19.0
9 28	22 38.80	+ 0 31.4	1.409	2.355	10.3	19.3
10 8	22 33.82	− 0 31.7	1.473	2.358	14.3	19.5

172454 2003 QR_{101} 9 5.4 311°.26 5°.9/31.7 18

7 30	23 21.82	−15 42.2	1.305	2.188	17.1	19.4
8 9	23 18.63	−16 58.5	1.239	2.180	13.2	19.1
8 19	23 12.51	−18 23.1	1.193	2.172	9.1	18.9
8 29	23 4.15	−19 45.6	1.169	2.165	6.1	18.7
9 8	22 54.72	−20 54.4	1.170	2.158	7.2	18.7
9 18	22 45.64	−21 40.3	1.195	2.151	11.0	18.9
9 28	22 38.31	−21 58.2	1.241	2.145	15.2	19.2
10 8	22 33.72	−21 48.1	1.306	2.139	19.0	19.4

91829 1999 TE_{284} 9 5.4 230°.66 1°.6/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 18.37	− 8 53.8	2.499	3.340	11.3	19.9
8 9	23 14.51	− 9 41.0	2.413	3.334	8.6	19.7
8 19	23 9.07	−10 36.2	2.352	3.327	5.6	19.5
8 29	23 2.48	−11 35.2	2.317	3.320	2.5	19.3
9 8	22 55.33	−12 33.1	2.311	3.312	2.2	19.3
9 18	22 48.33	−13 24.9	2.334	3.305	5.3	19.5
9 28	22 42.15	−14 6.6	2.384	3.297	8.4	19.7
10 8	22 37.39	−14 35.5	2.458	3.289	11.2	19.8

343898 2011 JT_{11} 9 5.4 88°.29 0°.5/ 4.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 24.45	− 5 44.1	1.743	2.584	15.4	21.1
8 9	23 19.55	− 6 10.0	1.685	2.603	11.8	20.9
8 19	23 12.49	− 6 47.5	1.649	2.621	7.7	20.7
8 29	23 3.94	− 7 32.0	1.637	2.640	3.2	20.5
9 8	22 54.84	− 8 17.6	1.652	2.658	1.5	20.4
9 18	22 46.20	− 8 58.4	1.695	2.676	5.8	20.7
9 28	22 38.98	− 9 29.6	1.764	2.694	9.8	21.0
10 8	22 33.84	− 9 48.2	1.856	2.711	13.2	21.3

416579 2004 FF_{97} 9 5.4 124°.95 0°.2/ 5.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 21.40	− 1 44.9	1.820	2.651	15.3	21.3
8 9	23 17.24	− 2 56.4	1.753	2.665	11.8	21.1
8 19	23 11.03	− 4 25.1	1.708	2.678	7.7	20.9
8 29	23 3.34	− 6 5.3	1.689	2.691	3.3	20.6
9 8	22 55.04	− 7 48.9	1.697	2.703	1.3	20.5
9 18	22 47.07	− 9 27.2	1.734	2.715	5.8	20.8
9 28	22 40.35	−10 52.7	1.799	2.726	9.8	21.1
10 8	22 35.57	−12 0.3	1.887	2.737	13.3	21.3

127283 2002 JQ_{69} 9 5.4 177°.34 3°.6/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 22.14	−13 54.3	2.083	2.937	12.7	20.3
8 9	23 17.69	−15 1.3	2.013	2.939	9.7	20.1
8 19	23 11.28	−16 14.2	1.965	2.940	6.5	19.9
8 29	23 3.45	−17 26.5	1.944	2.941	3.9	19.7
9 8	22 55.00	−18 31.3	1.951	2.941	4.5	19.8
9 18	22 46.79	−19 22.8	1.986	2.941	7.4	20.0
9 28	22 39.71	−19 57.0	2.047	2.940	10.6	20.2
10 8	22 34.44	−20 12.4	2.131	2.939	13.5	20.4

342124 2008 SR_{116} 9 5.4 275°.60 2°.0/ 7.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 20.12	+ 1 14.5	1.750	2.574	16.1	21.4
8 9	23 16.52	+ 0 59.1	1.667	2.570	12.8	21.2
8 19	23 10.73	+ 0 25.7	1.604	2.565	8.9	21.0
8 29	23 3.29	− 0 23.6	1.565	2.561	4.8	20.7
9 8	22 55.05	− 1 23.7	1.552	2.557	2.0	20.5
9 18	22 46.99	− 2 28.3	1.566	2.553	5.4	20.8
9 28	22 40.15	− 3 30.0	1.607	2.549	9.6	21.0
10 8	22 35.30	− 4 22.5	1.670	2.545	13.4	21.2

306595 2000 GG_{147} 9 5.4 209°.90 16°.6/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 57.50	−47 3.1	1.626	2.412	18.7	22.8
8 9	23 47.06	−48 58.8	1.578	2.403	17.4	22.7
8 19	23 31.67	−50 31.5	1.548	2.393	16.7	22.6
8 29	23 12.48	−51 24.2	1.540	2.381	16.8	22.6
9 8	22 51.83	−51 25.1	1.552	2.367	17.8	22.7
9 18	22 32.52	−50 31.9	1.584	2.351	19.4	22.7
9 28	22 16.89	−48 51.0	1.634	2.334	21.2	22.8
10 8	22 6.12	−46 34.7	1.700	2.314	22.9	23.0

489909 2008 OF_{20} 9 5.4 316°.34 0°.8/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 25.64	− 5 12.3	1.522	2.368	17.0	21.3
8 9	23 21.17	− 4 51.6	1.439	2.357	13.4	21.0
8 19	23 14.02	− 4 41.9	1.376	2.348	9.1	20.8
8 29	23 4.79	− 4 41.1	1.336	2.338	4.2	20.4
9 8	22 54.51	− 4 45.4	1.322	2.329	1.4	20.2
9 18	22 44.45	− 4 50.3	1.334	2.320	6.4	20.5
9 28	22 35.88	− 4 51.2	1.371	2.312	11.2	20.8
10 8	22 29.78	− 4 44.6	1.431	2.304	15.4	21.0

418378 2008 HC_{5} 9 5.4 233°.66 4°.1/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 26.44	−14 52.3	1.760	2.617	14.6	21.6
8 9	23 21.49	−15 39.8	1.679	2.606	11.3	21.4
8 19	23 14.07	−16 33.1	1.621	2.596	7.6	21.2
8 29	23 4.76	−17 25.4	1.587	2.584	4.5	21.0
9 8	22 54.53	−18 9.1	1.580	2.572	5.0	21.0
9 18	22 44.53	−18 37.8	1.601	2.560	8.4	21.1
9 28	22 35.91	−18 47.7	1.646	2.547	12.3	21.3
10 8	22 29.54	−18 38.0	1.713	2.534	15.7	21.5

288169 2003 WM_{156} 9 5.4 308°.28 1°.8/ 7.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 15.62	+ 2 48.5	1.676	2.504	16.5	20.0
8 9	23 13.28	+ 2 3.6	1.580	2.486	13.2	19.7
8 19	23 8.75	+ 0 54.9	1.505	2.468	9.3	19.5
8 29	23 2.51	− 0 34.8	1.454	2.451	4.9	19.2
9 8	22 55.33	− 2 19.1	1.428	2.433	1.8	18.9
9 18	22 48.21	− 4 9.1	1.429	2.416	5.7	19.1
9 28	22 42.22	− 5 54.3	1.455	2.400	10.3	19.4
10 8	22 38.21	− 7 25.9	1.506	2.384	14.5	19.6

470575 2008 GH_{146} 9 5.4 123°.11 1°.1/ 4.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 21.68	− 4 57.8	1.661	2.507	15.8	20.9
8 9	23 17.70	− 5 56.7	1.594	2.516	12.1	20.6
8 19	23 11.46	− 7 10.8	1.549	2.524	7.9	20.4
8 29	23 3.58	− 8 34.0	1.528	2.532	3.3	20.2
9 8	22 55.00	− 9 58.1	1.535	2.540	2.0	20.1
9 18	22 46.76	−11 15.0	1.568	2.547	6.5	20.4
9 28	22 39.90	−12 17.7	1.628	2.554	10.7	20.7
10 8	22 35.14	−13 2.1	1.710	2.561	14.4	20.9

198198 2004 TZ_{137} 9 5.4 9°.79 3°.1/ 3.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 9.57	− 8 19.8	0.873	1.785	20.6	18.5
8 9	23 9.78	− 9 15.9	0.831	1.789	15.7	18.2
8 19	23 6.89	−10 30.1	0.806	1.796	10.1	18.0
8 29	23 1.73	−11 52.0	0.800	1.806	4.5	17.7
9 8	22 55.68	−13 8.2	0.815	1.818	4.4	17.7
9 18	22 50.22	−14 7.1	0.850	1.833	9.7	18.1
9 28	22 46.74	−14 40.6	0.905	1.849	14.8	18.4
10 8	22 46.05	−14 46.4	0.977	1.869	19.2	18.8

55921 1998 FK_{50} 9 5.4 29°.15 2°.8/ 3.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 23.71	−13 33.6	1.861	2.718	13.9	19.0
8 9	23 19.01	−13 53.4	1.795	2.722	10.6	18.8
8 19	23 12.19	−14 17.5	1.750	2.727	7.0	18.6
8 29	23 3.86	−14 40.9	1.731	2.732	3.6	18.4
9 8	22 54.92	−14 58.3	1.739	2.737	3.6	18.4
9 18	22 46.36	−15 5.5	1.774	2.743	6.9	18.6
9 28	22 39.13	−14 59.8	1.835	2.749	10.5	18.9
10 8	22 33.91	−14 40.4	1.918	2.755	13.6	19.1

509672 2008 JN_{11} 9 5.4 256°.54 2°.4/ 3.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 22.18	− 9 12.2	1.609	2.468	15.6	21.6
8 9	23 18.36	−10 2.2	1.531	2.460	12.0	21.4
8 19	23 12.08	−11 4.3	1.473	2.452	7.8	21.1
8 29	23 3.93	−12 12.3	1.441	2.444	3.6	20.9
9 8	22 54.86	−13 18.0	1.434	2.435	3.4	20.8
9 18	22 46.02	−14 13.6	1.453	2.427	7.6	21.1
9 28	22 38.55	−14 52.9	1.498	2.418	11.9	21.3
10 8	22 33.33	−15 12.7	1.564	2.410	15.8	21.5

449716 2014 MS_{48} 9 5.4 96°.81 7°.4/14.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 20.15	+19 8.1	2.463	3.159	15.2	20.6
8 9	23 15.95	+19 44.5	2.382	3.170	13.3	20.5
8 19	23 10.05	+20 0.4	2.319	3.180	11.2	20.3
8 29	23 2.93	+19 54.1	2.279	3.191	9.2	20.2
9 8	22 55.24	+19 25.8	2.262	3.202	7.7	20.2
9 18	22 47.72	+18 38.2	2.271	3.212	7.5	20.2
9 28	22 41.14	+17 36.0	2.307	3.223	8.5	20.2
10 8	22 36.09	+16 25.8	2.368	3.233	10.4	20.4

446544 2014 MW_{58} 9 5.4 297°.62 0°.3/ 5.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 16.35	− 3 24.7	2.194	3.029	12.9	20.8
8 9	23 13.20	− 4 17.0	2.106	3.021	9.9	20.6
8 19	23 8.35	− 5 22.8	2.042	3.013	6.5	20.3
8 29	23 2.22	− 6 38.3	2.003	3.006	2.8	20.1
9 8	22 55.48	− 7 57.6	1.992	2.998	1.2	20.0
9 18	22 48.87	− 9 14.5	2.010	2.991	5.1	20.2
9 28	22 43.16	−10 22.7	2.055	2.984	8.7	20.4
10 8	22 38.99	−11 17.9	2.124	2.977	11.9	20.6

521244 2015 HA_{190} 9 5.4 25°.60 10°.1/28.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 23.76	−28 0.8	1.401	2.280	16.3	20.0
8 9	23 19.85	−29 27.4	1.361	2.288	13.4	19.8
8 19	23 13.07	−30 45.9	1.341	2.296	11.0	19.7
8 29	23 4.29	−31 44.6	1.344	2.305	10.1	19.7
9 8	22 54.80	−32 14.8	1.369	2.314	11.3	19.8
9 18	22 46.01	−32 12.1	1.417	2.324	13.7	20.0
9 28	22 39.16	−31 37.5	1.485	2.335	16.4	20.2
10 8	22 35.02	−30 35.5	1.571	2.347	18.9	20.4

113590 2002 TM_{48} 9 5.4 356°.80 2°.2/ 3.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 20.06	− 9 52.6	1.604	2.468	15.4	19.1
8 9	23 16.61	−10 26.1	1.534	2.466	11.8	18.9
8 19	23 10.84	−11 9.3	1.485	2.464	7.7	18.7
8 29	23 3.35	−11 56.7	1.460	2.463	3.5	18.4
9 8	22 55.10	−12 41.2	1.460	2.463	3.1	18.4
9 18	22 47.15	−13 16.5	1.487	2.463	7.2	18.6
9 28	22 40.59	−13 37.6	1.538	2.463	11.3	18.9
10 8	22 36.19	−13 42.0	1.610	2.464	15.0	19.1

396277 2014 CF_{22} 9 5.4 240°.43 1°.6/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 22.54	+ 0 5.8	2.126	2.938	14.0	21.2
8 9	23 18.10	− 0 6.0	2.027	2.923	11.2	21.0
8 19	23 11.67	− 0 32.1	1.949	2.908	7.8	20.7
8 29	23 3.72	− 1 10.7	1.897	2.893	4.0	20.5
9 8	22 54.95	− 1 57.9	1.872	2.877	1.7	20.3
9 18	22 46.24	− 2 48.9	1.875	2.860	4.9	20.5
9 28	22 38.50	− 3 38.0	1.907	2.843	8.8	20.7
10 8	22 32.49	− 4 20.1	1.963	2.826	12.3	20.9

112506 2002 PV_{21} 9 5.4 49°.92 0°.8/ 6.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 19.34	− 1 2.6	1.606	2.446	16.5	20.1
8 9	23 15.90	− 1 36.0	1.544	2.459	12.9	19.9
8 19	23 10.26	− 2 26.8	1.503	2.472	8.7	19.6
8 29	23 3.06	− 3 31.0	1.486	2.486	4.0	19.4
9 8	22 55.22	− 4 41.5	1.494	2.501	1.2	19.2
9 18	22 47.78	− 5 50.9	1.529	2.515	5.6	19.6
9 28	22 41.71	− 6 51.9	1.590	2.530	9.9	19.9
10 8	22 37.70	− 7 39.3	1.673	2.545	13.6	20.1

448597 2010 TU_{124} 9 5.4 349°.47 4°.4/ 1.5 18

7 30	23 18.75	−15 14.8	1.620	2.495	14.7	20.8
8 9	23 15.65	−16 4.3	1.551	2.488	11.3	20.5
8 19	23 10.23	−16 59.3	1.504	2.483	7.6	20.3
8 29	23 3.10	−17 52.6	1.480	2.478	4.7	20.1
9 8	22 55.19	−18 36.4	1.482	2.474	5.3	20.2
9 18	22 47.59	−19 4.5	1.509	2.470	8.7	20.4
9 28	22 41.35	−19 13.0	1.560	2.468	12.4	20.6
10 8	22 37.27	−19 1.1	1.631	2.466	15.7	20.8

107605 2001 ET_{2} 9 5.4 109°.08 2°.9/ 2.8 18

7 30	23 22.92	− 9 41.7	1.545	2.406	16.0	19.9
8 9	23 18.81	−10 47.1	1.485	2.415	12.2	19.7
8 19	23 12.26	−12 3.9	1.445	2.424	7.9	19.5
8 29	23 3.95	−13 24.5	1.431	2.433	3.8	19.3
9 8	22 54.91	−14 39.6	1.442	2.442	3.9	19.3
9 18	22 46.29	−15 41.3	1.480	2.450	7.9	19.6
9 28	22 39.20	−16 24.0	1.543	2.458	12.0	19.8
10 8	22 34.41	−16 45.4	1.627	2.466	15.5	20.1

314561 2005 YK_{168} 9 5.4 170°.23 2°.6/ 1.5 18 R

7 30	23 17.83	−12 46.8	2.937	3.781	9.7	21.2
8 9	23 13.85	−13 56.6	2.862	3.785	7.3	21.0
8 19	23 8.52	−15 11.2	2.813	3.787	4.8	20.8
8 29	23 2.24	−16 26.2	2.792	3.790	2.8	20.7
9 8	22 55.53	−17 36.5	2.801	3.792	3.2	20.8
9 18	22 48.96	−18 37.8	2.840	3.794	5.5	20.9
9 28	22 43.11	−19 26.6	2.906	3.795	8.0	21.1
10 8	22 38.48	−20 1.0	2.997	3.796	10.2	21.2

520516 2014 LC_{32} 9 5.4 106°.40 5°.4/30.3 18

7 30	23 21.31	−21 38.9	2.287	3.146	11.6	20.9
8 9	23 16.90	−22 39.9	2.226	3.150	9.0	20.7
8 19	23 10.68	−23 40.0	2.190	3.155	6.7	20.6
8 29	23 3.20	−24 32.9	2.180	3.159	5.4	20.5
9 8	22 55.20	−25 12.9	2.197	3.163	6.2	20.6
9 18	22 47.51	−25 35.8	2.240	3.168	8.3	20.7
9 28	22 40.90	−25 39.9	2.309	3.172	10.8	20.9
10 8	22 36.00	−25 25.6	2.400	3.176	13.1	21.1

167722 2004 TR_{351} 9 5.4 125°.17 1°.3/ 6.5 17

7 30	23 23.38	+ 0 9.7	1.502	2.335	17.8	21.3
8 9	23 19.24	− 0 23.5	1.434	2.344	14.0	21.0
8 19	23 12.60	− 1 17.0	1.387	2.353	9.5	20.8
8 29	23 4.13	− 2 26.7	1.362	2.362	4.6	20.5
9 8	22 54.86	− 3 45.4	1.363	2.370	1.5	20.3
9 18	22 45.98	− 5 4.5	1.391	2.378	6.1	20.7
9 28	22 38.62	− 6 15.3	1.445	2.385	10.7	21.0
10 8	22 33.62	− 7 11.5	1.521	2.392	14.8	21.2

332697 2009 RO_{19} 9 5.4 358°.63 1°.4/ 6.4 18

7 30	23 14.28	− 0 53.1	1.059	1.934	20.7	20.0
8 9	23 13.14	− 1 8.2	0.996	1.930	16.3	19.7
8 19	23 9.06	− 1 47.8	0.950	1.927	11.2	19.4
8 29	23 2.73	− 2 48.1	0.923	1.925	5.4	19.1
9 8	22 55.34	− 4 0.9	0.919	1.925	1.7	18.9
9 18	22 48.31	− 5 15.2	0.936	1.927	7.2	19.2
9 28	22 43.06	− 6 19.9	0.976	1.930	12.8	19.5
10 8	22 40.59	− 7 6.9	1.034	1.934	17.6	19.8

514161 2015 LM_{30} 9 5.4 35°.49 1°.9/ 3.6 18

7 30	23 19.15	− 8 7.8	1.670	2.529	15.1	21.1
8 9	23 15.74	− 8 57.4	1.607	2.536	11.5	20.9
8 19	23 10.17	− 9 58.5	1.565	2.543	7.4	20.6
8 29	23 3.04	−11 4.9	1.547	2.551	3.2	20.4
9 8	22 55.26	−12 9.3	1.556	2.559	2.8	20.4
9 18	22 47.82	−13 4.5	1.592	2.568	6.8	20.7
9 28	22 41.71	−13 45.2	1.652	2.576	10.8	20.9
10 8	22 37.63	−14 8.3	1.735	2.585	14.2	21.2

139588 2001 QS_{111} 9 5.4 284°.29 1°.3/ 6.3 18

7 30	23 23.76	− 2 33.7	1.623	2.459	16.6	19.9
8 9	23 19.64	− 2 28.3	1.534	2.446	13.1	19.6
8 19	23 13.00	− 2 37.1	1.465	2.432	9.0	19.4
8 29	23 4.39	− 2 58.1	1.419	2.419	4.4	19.1
9 8	22 54.74	− 3 27.0	1.399	2.406	1.6	18.8
9 18	22 45.21	− 3 58.6	1.406	2.392	6.0	19.1
9 28	22 37.01	− 4 26.7	1.438	2.379	10.7	19.3
10 8	22 31.08	− 4 46.3	1.493	2.366	14.9	19.6

142863 2002 VC_{29} 9 5.4 265°.18 2°.8/ 3.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 23.30	−10 45.6	1.618	2.477	15.5	20.1
8 9	23 19.27	−11 29.8	1.536	2.466	11.9	19.8
8 19	23 12.73	−12 24.4	1.476	2.454	7.8	19.5
8 29	23 4.26	−13 23.1	1.439	2.442	3.8	19.3
9 8	22 54.80	−14 18.0	1.429	2.429	3.8	19.3
9 18	22 45.54	−15 1.8	1.446	2.417	7.9	19.5
9 28	22 37.66	−15 28.9	1.486	2.404	12.2	19.7
10 8	22 32.07	−15 36.8	1.549	2.392	16.0	19.9

96391 1998 CZ_{1} 9 5.4 89°.66 7°.2/29.3 18

7 30	23 23.00	−22 7.3	1.732	2.602	14.2	18.4
8 9	23 18.71	−23 42.5	1.685	2.614	11.1	18.2
8 19	23 12.10	−25 16.5	1.661	2.626	8.4	18.1
8 29	23 3.86	−26 39.5	1.662	2.638	7.2	18.0
9 8	22 54.99	−27 43.0	1.689	2.649	8.3	18.1
9 18	22 46.59	−28 21.3	1.741	2.661	10.8	18.3
9 28	22 39.69	−28 32.8	1.816	2.673	13.5	18.5
10 8	22 34.99	−28 19.1	1.911	2.684	16.1	18.7

407844 2012 BF_{33} 9 5.4 115°.66 0°.6/ 6.0 18

7 30	23 22.10	− 3 44.3	2.325	3.146	12.7	21.3
8 9	23 17.40	− 3 45.8	2.246	3.150	9.9	21.1
8 19	23 10.98	− 3 56.8	2.189	3.155	6.6	20.9
8 29	23 3.34	− 4 15.0	2.159	3.159	3.1	20.7
9 8	22 55.17	− 4 37.1	2.157	3.164	1.0	20.5
9 18	22 47.22	− 4 59.6	2.184	3.168	4.5	20.8
9 28	22 40.26	− 5 18.6	2.239	3.172	7.8	21.0
10 8	22 34.87	− 5 31.3	2.319	3.176	10.8	21.2

71116 1999 XO_{157} 9 5.4 210°.29 1°.4/ 7.1 18

7 30	23 18.14	+ 0 38.3	2.621	3.427	11.8	20.1
8 9	23 14.26	+ 0 17.9	2.530	3.423	9.4	19.9
8 19	23 8.89	− 0 14.8	2.462	3.419	6.5	19.7
8 29	23 2.44	− 0 57.6	2.420	3.415	3.4	19.5
9 8	22 55.48	− 1 47.3	2.406	3.411	1.4	19.4
9 18	22 48.64	− 2 39.5	2.422	3.407	3.9	19.5
9 28	22 42.58	− 3 30.0	2.465	3.402	7.0	19.7
10 8	22 37.83	− 4 14.4	2.535	3.397	9.9	19.9

383468 2006 YH_{38} 9 5.4 153°.96 2°.2/ 7.2 18

7 30	23 25.19	+ 0 7.8	1.753	2.571	16.3	20.8
8 9	23 20.36	+ 0 14.8	1.675	2.575	12.9	20.6
8 19	23 13.24	+ 0 6.6	1.619	2.578	9.0	20.4
8 29	23 4.40	− 0 15.3	1.586	2.581	4.8	20.2
9 8	22 54.79	− 0 47.0	1.580	2.584	2.2	20.0
9 18	22 45.46	− 1 23.4	1.601	2.586	5.5	20.2
9 28	22 37.46	− 1 58.7	1.648	2.589	9.6	20.5
10 8	22 31.59	− 2 27.7	1.720	2.590	13.3	20.7

146789 2001 YW_{16} 9 5.4 253°.80 1°.8/ 3.4 18

7 30	23 19.82	− 9 34.2	2.169	3.017	12.6	20.6
8 9	23 15.88	−10 15.4	2.088	3.011	9.6	20.4
8 19	23 10.12	−11 4.8	2.029	3.005	6.2	20.2
8 29	23 3.02	−11 57.9	1.997	3.000	2.8	20.0
9 8	22 55.29	−12 49.0	1.992	2.994	2.6	20.0
9 18	22 47.73	−13 33.1	2.016	2.988	5.9	20.2
9 28	22 41.18	−14 5.6	2.066	2.982	9.4	20.4
10 8	22 36.27	−14 24.2	2.139	2.976	12.4	20.6

164731 1998 RK_{64} 9 5.4 338°.23 0°.9/ 4.8 18

7 30	23 16.87	− 6 56.4	1.285	2.161	17.7	19.2
8 9	23 14.87	− 7 7.6	1.205	2.142	13.8	19.0
8 19	23 10.13	− 7 33.1	1.144	2.125	9.2	18.6
8 29	23 3.22	− 8 8.5	1.104	2.108	3.9	18.3
9 8	22 55.18	− 8 47.1	1.087	2.093	2.0	18.1
9 18	22 47.30	− 9 21.0	1.094	2.079	7.5	18.4
9 28	22 40.94	− 9 43.4	1.123	2.067	12.7	18.7
10 8	22 37.14	− 9 49.6	1.173	2.056	17.3	18.9

250588 2005 CY_{18} 9 5.4 292°.69 0°.4/ 5.1 18

7 30	23 22.17	− 5 6.0	1.345	2.204	18.1	20.5
8 9	23 18.99	− 5 26.7	1.258	2.185	14.2	20.2
8 19	23 12.91	− 6 4.4	1.189	2.166	9.5	19.9
8 29	23 4.48	− 6 55.2	1.143	2.147	4.1	19.5
9 8	22 54.75	− 7 51.7	1.122	2.128	1.7	19.3
9 18	22 45.07	− 8 45.5	1.125	2.109	7.5	19.6
9 28	22 36.91	− 9 28.1	1.151	2.091	12.9	19.9
10 8	22 31.41	− 9 53.8	1.198	2.072	17.7	20.1

477140 2009 DA_{17} 9 5.4 201°.57 0°.0/ 5.3 18

7 30	23 23.23	− 5 14.7	2.650	3.467	11.4	22.1
8 9	23 18.13	− 5 31.9	2.558	3.462	8.8	21.9
8 19	23 11.43	− 5 57.4	2.490	3.457	5.8	21.7
8 29	23 3.56	− 6 28.6	2.449	3.451	2.5	21.5
9 8	22 55.13	− 7 2.0	2.437	3.444	0.9	21.4
9 18	22 46.83	− 7 33.8	2.456	3.436	4.3	21.6
9 28	22 39.37	− 8 0.6	2.503	3.428	7.5	21.8
10 8	22 33.33	− 8 19.5	2.576	3.419	10.4	22.0

128106 2003 QQ_7 9 5.4 8°.69 1°.1/ 6.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 21.27	− 3 1.1	2.031	2.859	14.0	19.1
8 9	23 17.05	− 2 54.0	1.952	2.860	11.0	18.9
8 19	23 10.90	− 2 57.7	1.895	2.861	7.4	18.7
8 29	23 3.36	− 3 10.3	1.864	2.863	3.6	18.5
9 8	22 55.20	− 3 28.5	1.859	2.865	1.3	18.3
9 18	22 47.28	− 3 48.2	1.882	2.867	4.8	18.6
9 28	22 40.44	− 4 5.4	1.932	2.870	8.6	18.8
10 8	22 35.37	− 4 16.4	2.006	2.873	11.9	19.0

512813 2016 UH_{96} 9 5.4 19°.16 4°.6/ 1.9 18

7 30	23 23.96	−16 20.3	1.554	2.424	15.5	20.8
8 9	23 19.66	−16 56.1	1.493	2.427	11.9	20.6
8 19	23 12.85	−17 35.3	1.454	2.431	8.1	20.4
8 29	23 4.24	−18 10.5	1.438	2.435	5.0	20.2
9 8	22 54.91	−18 34.7	1.448	2.439	5.4	20.3
9 18	22 46.06	−18 42.7	1.483	2.445	8.8	20.5
9 28	22 38.79	−18 31.9	1.542	2.450	12.5	20.7
10 8	22 33.90	−18 2.7	1.623	2.456	15.9	21.0

367952 2012 DG_{53} 9 5.4 128°.09 1°.5/ 3.5 18

7 30	23 18.85	− 9 43.0	2.648	3.487	10.8	21.3
8 9	23 14.72	−10 19.9	2.574	3.494	8.2	21.1
8 19	23 9.14	−11 3.0	2.525	3.500	5.3	21.0
8 29	23 2.54	−11 48.3	2.504	3.506	2.4	20.8
9 8	22 55.51	−12 31.7	2.511	3.512	2.1	20.8
9 18	22 48.68	−13 9.2	2.546	3.518	4.9	21.0
9 28	22 42.69	−13 37.6	2.610	3.524	7.8	21.2
10 8	22 38.04	−13 54.8	2.699	3.529	10.3	21.4

365336 2009 SB_{216} 9 5.4 350°.95 0°.4/ 5.8 18

7 30	23 17.52	− 2 53.9	2.056	2.891	13.6	21.0
8 9	23 14.19	− 3 19.0	1.975	2.888	10.6	20.8
8 19	23 9.04	− 3 56.9	1.917	2.886	7.1	20.5
8 29	23 2.57	− 4 44.5	1.883	2.884	3.2	20.3
9 8	22 55.48	− 5 37.0	1.876	2.883	1.0	20.1
9 18	22 48.59	− 6 28.9	1.897	2.881	4.9	20.4
9 28	22 42.69	− 7 14.8	1.944	2.881	8.7	20.6
10 8	22 38.44	− 7 50.6	2.016	2.880	12.0	20.8

474675 2005 CK_{22} 9 5.4 293°.88 0°.6/ 5.8 18

7 30	23 26.31	− 5 13.5	1.742	2.577	15.6	20.9
8 9	23 21.68	− 5 0.1	1.635	2.548	12.4	20.6
8 19	23 14.47	− 4 56.8	1.548	2.518	8.4	20.3
8 29	23 5.13	− 5 1.6	1.486	2.487	3.9	20.0
9 8	22 54.53	− 5 11.0	1.450	2.457	1.3	19.7
9 18	22 43.82	− 5 20.6	1.442	2.426	6.2	20.0
9 28	22 34.27	− 5 25.9	1.460	2.396	11.0	20.2
10 8	22 26.93	− 5 23.0	1.501	2.365	15.3	20.4

180752 2004 NF 9 5.4 41°.08 7°.3/29.3 18

7 30	23 22.66	−24 58.3	1.859	2.726	13.5	19.6
8 9	23 18.33	−26 8.3	1.811	2.735	10.8	19.5
8 19	23 11.79	−27 14.2	1.785	2.744	8.4	19.3
8 29	23 3.73	−28 7.8	1.783	2.753	7.3	19.3
9 8	22 55.11	−28 42.3	1.807	2.762	8.2	19.4
9 18	22 46.95	−28 53.5	1.856	2.771	10.5	19.5
9 28	22 40.22	−28 40.7	1.928	2.781	13.0	19.7
10 8	22 35.58	−28 5.8	2.020	2.791	15.4	19.9

318968 2005 UX_{283} 9 5.4 287°.86 1°.7/ 3.7 18

7 30	23 19.15	− 8 53.0	2.113	2.961	12.8	21.6
8 9	23 15.48	− 9 32.5	2.026	2.949	9.8	21.4
8 19	23 9.93	−10 21.2	1.961	2.937	6.4	21.2
8 29	23 2.98	−11 14.6	1.923	2.926	2.8	20.9
9 8	22 55.35	−12 7.1	1.912	2.914	2.4	20.9
9 18	22 47.84	−12 53.2	1.928	2.903	6.0	21.1
9 28	22 41.33	−13 28.2	1.972	2.891	9.6	21.3
10 8	22 36.49	−13 49.1	2.038	2.880	12.8	21.5

47192 1999 TT_{176} 9 5.4 119°.44 0°.9/ 4.7 17

7 30	23 25.79	− 6 43.2	1.584	2.431	16.4	19.4
8 9	23 20.97	− 7 7.3	1.519	2.440	12.6	19.2
8 19	23 13.68	− 7 43.5	1.474	2.448	8.2	19.0
8 29	23 4.62	− 8 26.8	1.453	2.456	3.5	18.7
9 8	22 54.80	− 9 10.7	1.458	2.464	1.9	18.6
9 18	22 45.41	− 9 48.9	1.491	2.472	6.5	18.9
9 28	22 37.56	−10 16.1	1.549	2.479	10.9	19.2
10 8	22 32.04	−10 29.0	1.629	2.486	14.7	19.5

420338 2012 BZ_{23} 9 5.4 209°.36 1°.9/ 3.8 17

7 30	23 23.72	− 7 24.5	1.574	2.427	16.2	21.9
8 9	23 19.60	− 8 19.5	1.497	2.423	12.5	21.6
8 19	23 12.95	− 9 28.9	1.442	2.419	8.1	21.4
8 29	23 4.38	−10 46.3	1.411	2.414	3.5	21.1
9 8	22 54.87	−12 3.1	1.406	2.409	2.9	21.0
9 18	22 45.62	−13 10.7	1.428	2.404	7.4	21.3
9 28	22 37.80	−14 2.2	1.475	2.398	11.9	21.6
10 8	22 32.30	−14 33.7	1.544	2.391	15.8	21.8

387498 1995 VV_2 9 5.4 318°.93 3°.9/ 2.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 21.93	−13 46.4	1.525	2.395	15.7	20.8
8 9	23 18.37	−14 24.7	1.447	2.382	12.1	20.5
8 19	23 12.23	−15 10.3	1.390	2.369	8.1	20.3
8 29	23 4.09	−15 56.2	1.356	2.357	4.5	20.0
9 8	22 54.98	−16 34.5	1.348	2.345	4.8	20.0
9 18	22 46.10	−16 58.6	1.365	2.333	8.7	20.2
9 28	22 38.69	−17 3.8	1.406	2.322	12.9	20.4
10 8	22 33.67	−16 49.1	1.467	2.311	16.7	20.6

11828 Vargha 9 5.4 70°.81 0°.3/ 5.2 18 R

7 30	23 30.31	− 6 28.6	1.332	2.182	18.7	17.5
8 9	23 24.55	− 6 29.8	1.285	2.206	14.4	17.3
8 19	23 16.00	− 6 43.3	1.257	2.231	9.4	17.1
8 29	23 5.56	− 7 4.7	1.252	2.255	4.0	16.8
9 8	22 54.54	− 7 27.7	1.273	2.279	1.5	16.7
9 18	22 44.29	− 7 46.5	1.320	2.303	6.8	17.1
9 28	22 36.03	− 7 56.5	1.391	2.327	11.4	17.5
10 8	22 30.53	− 7 55.0	1.485	2.350	15.4	17.8

438099 2005 CH_{65} 9 5.4 115°.87 2°.5/ 2.3 18

7 30	23 21.00	− 9 59.5	2.291	3.134	12.1	21.6
8 9	23 16.54	−11 21.3	2.232	3.154	9.1	21.4
8 19	23 10.41	−12 50.7	2.198	3.173	5.9	21.3
8 29	23 3.12	−14 21.7	2.192	3.192	3.0	21.1
9 8	22 55.37	−15 47.3	2.214	3.210	3.3	21.2
9 18	22 47.92	−17 1.8	2.266	3.228	6.2	21.4
9 28	22 41.50	−18 0.6	2.346	3.245	9.2	21.6
10 8	22 36.66	−18 41.9	2.449	3.261	11.8	21.8

255198 2005 UX_{314} 9 5.4 332°.30 6°.5/30.5 16

7 30	23 23.53	−23 19.0	1.913	2.777	13.3	20.9
8 9	23 19.05	−24 9.7	1.846	2.771	10.5	20.7
8 19	23 12.35	−24 58.1	1.801	2.765	7.9	20.5
8 29	23 4.04	−25 36.9	1.782	2.760	6.5	20.5
9 8	22 55.04	−25 59.5	1.788	2.755	7.3	20.5
9 18	22 46.39	−26 1.6	1.820	2.750	9.8	20.6
9 28	22 39.08	−25 41.7	1.876	2.745	12.6	20.8
10 8	22 33.85	−25 1.3	1.952	2.741	15.2	21.0

505686 2014 WF_{360} 9 5.4 207°.26 0°.4/ 5.7 17

7 30	23 27.14	− 4 30.5	1.484	2.326	17.5	22.3
8 9	23 22.36	− 4 33.5	1.407	2.324	13.7	22.1
8 19	23 14.84	− 4 50.5	1.351	2.322	9.2	21.8
8 29	23 5.22	− 5 18.2	1.317	2.319	4.1	21.5
9 8	22 54.61	− 5 51.1	1.310	2.316	1.3	21.3
9 18	22 44.30	− 6 22.8	1.328	2.313	6.5	21.6
9 28	22 35.59	− 6 47.4	1.372	2.310	11.4	21.9
10 8	22 29.41	− 7 0.6	1.438	2.306	15.6	22.2

420345 2012 BG_{54} 9 5.4 251°.04 0°.1/ 5.5 17

7 30	23 26.27	− 4 58.0	1.478	2.323	17.4	21.5
8 9	23 21.79	− 5 2.9	1.396	2.315	13.7	21.2
8 19	23 14.54	− 5 21.8	1.334	2.307	9.2	21.0
8 29	23 5.13	− 5 51.1	1.295	2.298	4.1	20.6
9 8	22 54.63	− 6 25.3	1.282	2.289	1.4	20.4
9 18	22 44.34	− 6 58.0	1.295	2.279	6.7	20.8
9 28	22 35.59	− 7 22.8	1.333	2.270	11.7	21.0
10 8	22 29.39	− 7 35.4	1.392	2.260	16.0	21.3

305817 2009 DV_{119} 9 5.4 193°.28 0°.6/ 6.0 18

7 30	23 19.67	− 1 48.7	2.095	2.921	13.7	21.5
8 9	23 15.82	− 2 20.9	2.013	2.920	10.7	21.3
8 19	23 10.12	− 3 7.0	1.952	2.919	7.2	21.1
8 29	23 3.07	− 4 3.8	1.917	2.918	3.3	20.9
9 8	22 55.39	− 5 6.2	1.910	2.917	1.0	20.7
9 18	22 47.90	− 6 8.3	1.931	2.915	4.9	21.0
9 28	22 41.41	− 7 4.5	1.979	2.914	8.6	21.2
10 8	22 36.60	− 7 50.2	2.052	2.912	11.9	21.4

387413 2013 TA_{41} 9 5.4 238°.22 0°.2/ 5.2 18

7 30	23 23.68	− 4 48.0	1.791	2.629	15.2	22.0
8 9	23 19.34	− 5 14.0	1.703	2.618	11.8	21.8
8 19	23 12.70	− 5 53.5	1.636	2.607	7.9	21.5
8 29	23 4.28	− 6 42.7	1.594	2.596	3.4	21.2
9 8	22 54.96	− 7 35.8	1.578	2.585	1.4	21.0
9 18	22 45.78	− 8 26.4	1.590	2.572	6.0	21.3
9 28	22 37.81	− 9 8.4	1.629	2.560	10.4	21.6
10 8	22 31.91	− 9 37.4	1.690	2.547	14.2	21.8

159915 2004 VA_{92} 9 5.4 182°.12 1°.2/ 6.9 18

7 30	23 18.19	+ 0 11.7	2.880	3.683	11.0	21.7
8 9	23 14.16	− 0 10.3	2.792	3.683	8.6	21.6
8 19	23 8.78	− 0 43.2	2.726	3.683	5.9	21.4
8 29	23 2.43	− 1 24.9	2.687	3.683	3.1	21.2
9 8	22 55.64	− 2 12.4	2.677	3.682	1.2	21.0
9 18	22 48.97	− 3 1.8	2.697	3.681	3.6	21.2
9 28	22 43.02	− 3 49.1	2.745	3.680	6.5	21.4
10 8	22 38.27	− 4 30.9	2.820	3.679	9.1	21.6

262571 2006 VK_{43} 9 5.4 216°.07 0°.2/ 5.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 20.79	− 3 59.1	2.479	3.300	12.0	21.5
8 9	23 16.41	− 4 20.6	2.388	3.294	9.3	21.3
8 19	23 10.40	− 4 52.1	2.321	3.288	6.2	21.1
8 29	23 3.18	− 5 30.9	2.279	3.281	2.8	20.9
9 8	22 55.38	− 6 13.1	2.267	3.273	0.9	20.7
9 18	22 47.70	− 6 54.5	2.283	3.266	4.4	21.0
9 28	22 40.88	− 7 30.8	2.328	3.258	7.8	21.2
10 8	22 35.51	− 7 58.8	2.398	3.249	10.8	21.3

103769 2000 DV 9 5.4 178°.25 2°.3/ 3.2 18

7 30	23 22.35	− 8 40.0	1.776	2.627	14.7	20.0
8 9	23 18.21	− 9 42.0	1.703	2.628	11.2	19.7
8 19	23 11.86	−10 55.8	1.652	2.629	7.3	19.5
8 29	23 3.87	−12 14.8	1.627	2.629	3.3	19.3
9 8	22 55.14	−13 31.2	1.629	2.630	3.2	19.3
9 18	22 46.67	−14 37.4	1.658	2.629	7.1	19.5
9 28	22 39.48	−15 27.6	1.713	2.628	11.0	19.8
10 8	22 34.33	−15 58.6	1.791	2.627	14.5	20.0

95623 2002 GT_{23} 9 5.4 219°.60 0°.9/ 4.5 18

7 30	23 23.68	− 7 14.1	2.172	3.005	13.0	20.5
8 9	23 18.90	− 7 42.7	2.082	2.996	10.1	20.3
8 19	23 12.18	− 8 20.8	2.015	2.987	6.6	20.1
8 29	23 4.00	− 9 4.5	1.975	2.978	2.8	19.8
9 8	22 55.10	− 9 49.0	1.963	2.968	1.7	19.7
9 18	22 46.33	−10 29.1	1.979	2.957	5.5	20.0
9 28	22 38.60	−11 0.3	2.023	2.946	9.2	20.2
10 8	22 32.59	−11 19.6	2.092	2.934	12.5	20.4

513959 2014 EF_{170} 9 5.4 293°.44 2°.5/ 7.5 18

7 30	23 20.07	+ 1 44.6	1.660	2.486	16.7	21.6
8 9	23 16.91	+ 1 37.8	1.558	2.461	13.5	21.3
8 19	23 11.34	+ 1 11.7	1.476	2.436	9.6	21.0
8 29	23 3.80	+ 0 27.2	1.416	2.411	5.3	20.7
9 8	22 55.14	− 0 31.6	1.382	2.386	2.5	20.5
9 18	22 46.42	− 1 38.3	1.374	2.362	5.9	20.6
9 28	22 38.83	− 2 44.7	1.392	2.337	10.6	20.8
10 8	22 33.38	− 3 43.2	1.432	2.312	14.9	21.0

282073 1999 XN_{259} 9 5.4 338°.22 9°.0/11.6 18

7 30	23 21.48	+11 53.6	1.513	2.296	20.0	19.9
8 9	23 18.20	+13 15.2	1.428	2.285	17.2	19.7
8 19	23 12.28	+14 15.5	1.360	2.274	14.1	19.5
8 29	23 4.23	+14 49.8	1.312	2.265	11.1	19.3
9 8	22 55.00	+14 56.3	1.286	2.256	9.1	19.1
9 18	22 45.81	+14 36.5	1.283	2.248	9.5	19.1
9 28	22 37.99	+13 56.4	1.304	2.241	11.9	19.3
10 8	22 32.57	+13 5.1	1.347	2.235	15.1	19.4

19880 2247 $T\text{-}_1$ 9 5.4 176°.44 1°.0/ 4.3 18

7 30	23 20.35	− 7 49.4	2.486	3.320	11.6	19.7
8 9	23 16.03	− 8 21.5	2.406	3.321	8.8	19.5
8 19	23 10.11	− 9 1.3	2.349	3.322	5.7	19.3
8 29	23 3.05	− 9 45.2	2.320	3.323	2.4	19.1
9 8	22 55.48	−10 28.9	2.319	3.323	1.7	19.0
9 18	22 48.09	−11 8.0	2.347	3.323	4.9	19.3
9 28	22 41.60	−11 38.8	2.403	3.323	8.1	19.5
10 8	22 36.55	−11 58.8	2.484	3.323	10.8	19.7

401766 2013 LY_{18} 9 5.4 260°.34 2°.3/ 8.3 18

7 30	23 17.01	+ 4 0.6	2.441	3.237	12.9	21.1
8 9	23 13.59	+ 3 37.4	2.346	3.229	10.4	21.0
8 19	23 8.59	+ 2 58.8	2.273	3.222	7.4	20.8
8 29	23 2.43	+ 2 6.2	2.225	3.214	4.3	20.6
9 8	22 55.69	+ 1 3.3	2.205	3.207	2.3	20.4
9 18	22 49.05	− 0 5.1	2.213	3.199	4.2	20.5
9 28	22 43.22	− 1 13.6	2.250	3.191	7.3	20.7
10 8	22 38.77	− 2 16.7	2.313	3.184	10.4	20.9

20629 1999 TB_{90} 9 5.4 259°.44 1°.2/ 6.9 18

7 30	23 17.58	+ 0 56.4	2.491	3.299	12.3	19.4
8 9	23 14.05	+ 0 20.8	2.388	3.283	9.8	19.2
8 19	23 8.92	− 0 29.3	2.308	3.267	6.8	19.0
8 29	23 2.58	− 1 31.4	2.254	3.250	3.5	18.8
9 8	22 55.63	− 2 41.5	2.228	3.234	1.3	18.6
9 18	22 48.72	− 3 54.5	2.231	3.217	4.2	18.8
9 28	22 42.57	− 5 4.8	2.263	3.200	7.6	18.9
10 8	22 37.80	− 6 7.2	2.321	3.182	10.7	19.1

25245 1998 UW_{18} 9 5.4 299°.10 2°.5/ 2.9 18

7 30	23 19.91	−12 11.6	2.205	3.057	12.2	18.7
8 9	23 16.01	−12 46.1	2.118	3.044	9.3	18.5
8 19	23 10.28	−13 26.7	2.054	3.030	6.1	18.2
8 29	23 3.19	−14 8.8	2.016	3.017	3.1	18.0
9 8	22 55.42	−14 47.1	2.006	3.004	3.2	18.0
9 18	22 47.80	−15 16.8	2.023	2.991	6.3	18.2
9 28	22 41.14	−15 34.3	2.067	2.979	9.6	18.4
10 8	22 36.13	−15 37.7	2.134	2.966	12.6	18.6

316103 2009 OQ_{17} 9 5.4 34°.11 2°.1/ 7.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 19.34	+ 0 54.8	1.896	2.718	15.1	20.3
8 9	23 15.67	+ 0 51.9	1.826	2.727	12.0	20.1
8 19	23 10.06	+ 0 33.6	1.776	2.736	8.4	19.9
8 29	23 3.07	+ 0 2.2	1.751	2.746	4.5	19.7
9 8	22 55.48	− 0 38.5	1.752	2.756	2.1	19.6
9 18	22 48.18	− 1 23.2	1.780	2.766	4.9	19.8
9 28	22 42.03	− 2 6.3	1.834	2.777	8.6	20.0
10 8	22 37.67	− 2 42.9	1.913	2.788	11.9	20.3

117718 2005 GZ_5 9 5.4 99°.88 1°.9/ 3.8 17

7 30	23 25.80	− 7 59.1	1.586	2.436	16.2	20.6
8 9	23 20.86	− 8 50.5	1.532	2.456	12.3	20.4
8 19	23 13.53	− 9 53.1	1.500	2.476	7.9	20.2
8 29	23 4.56	−11 0.5	1.493	2.496	3.4	20.0
9 8	22 54.99	−12 4.6	1.512	2.515	2.8	20.0
9 18	22 45.95	−12 58.3	1.558	2.533	7.0	20.3
9 28	22 38.50	−13 36.4	1.630	2.551	11.1	20.6
10 8	22 33.34	−13 56.6	1.724	2.569	14.6	20.9

16627 1993 JK 9 5.4 75°.41 2°.2/ 7.2 18

7 30	23 23.12	+ 2 2.2	1.298	2.135	19.8	17.1
8 9	23 19.31	+ 1 37.8	1.242	2.152	15.7	16.9
8 19	23 12.79	+ 0 49.5	1.203	2.168	10.9	16.7
8 29	23 4.31	− 0 18.6	1.187	2.184	5.7	16.4
9 8	22 55.07	− 1 38.9	1.195	2.200	2.3	16.3
9 18	22 46.36	− 3 1.7	1.228	2.217	6.3	16.6
9 28	22 39.40	− 4 17.0	1.286	2.233	11.2	16.9
10 8	22 35.03	− 5 17.6	1.366	2.249	15.4	17.2

322015 2010 UU_{95} 9 5.4 299°.90 2°.2/ 7.9 18

7 30	23 16.62	+ 3 14.8	2.094	2.904	14.3	20.9
8 9	23 13.62	+ 2 49.3	1.995	2.888	11.5	20.7
8 19	23 8.80	+ 2 5.9	1.917	2.872	8.2	20.5
8 29	23 2.58	+ 1 6.3	1.864	2.857	4.6	20.2
9 8	22 55.63	− 0 5.3	1.838	2.841	2.2	20.0
9 18	22 48.74	− 1 22.9	1.839	2.826	4.7	20.2
9 28	22 42.76	− 2 39.7	1.868	2.811	8.5	20.4
10 8	22 38.38	− 3 49.2	1.921	2.796	12.0	20.6

435096 2007 CQ_{51} 9 5.4 214°.15 0°.8/ 6.1 17

7 30	23 23.29	− 1 51.1	1.998	2.820	14.4	22.3
8 9	23 18.79	− 2 15.0	1.909	2.813	11.4	22.0
8 19	23 12.21	− 2 53.1	1.840	2.806	7.7	21.8
8 29	23 4.06	− 3 42.7	1.798	2.798	3.6	21.6
9 8	22 55.13	− 4 38.8	1.783	2.789	1.1	21.3
9 18	22 46.34	− 5 35.6	1.796	2.780	5.2	21.6
9 28	22 38.63	− 6 27.0	1.836	2.770	9.2	21.8
10 8	22 32.77	− 7 8.3	1.901	2.760	12.8	22.1

10731 1988 BL_3 9 5.4 356°.50 7°.6/10.2 18 R

7 30	23 15.17	+ 6 32.2	0.950	1.808	23.9	15.9
8 9	23 14.25	+ 7 37.2	0.888	1.801	20.0	15.6
8 19	23 10.10	+ 8 13.9	0.840	1.796	15.5	15.3
8 29	23 3.38	+ 8 18.3	0.809	1.793	10.8	15.1
9 8	22 55.36	+ 7 51.7	0.797	1.792	7.7	14.9
9 18	22 47.63	+ 7 0.5	0.805	1.792	9.1	15.0
9 28	22 41.87	+ 5 56.0	0.834	1.795	13.3	15.2
10 8	22 39.23	+ 4 51.5	0.880	1.799	18.0	15.5

395434 2011 SY_{214} 9 5.4 330°.73 0°.5/ 5.9 18

7 30	23 15.67	− 2 6.5	1.486	2.341	16.9	20.7
8 9	23 13.62	− 2 34.3	1.399	2.323	13.3	20.4
8 19	23 9.17	− 3 21.3	1.332	2.306	9.0	20.1
8 29	23 2.85	− 4 24.0	1.288	2.290	4.1	19.8
9 8	22 55.54	− 5 35.9	1.268	2.275	1.2	19.6
9 18	22 48.33	− 6 48.4	1.273	2.261	6.3	19.9
9 28	22 42.40	− 7 52.8	1.303	2.247	11.2	20.1
10 8	22 38.67	− 8 42.3	1.354	2.235	15.6	20.4

187854 2000 AS_{253} 9 5.4 242°.83 0°.9/ 4.6 18

7 30	23 23.09	− 5 58.5	1.749	2.593	15.2	21.9
8 9	23 18.98	− 6 36.5	1.662	2.582	11.8	21.7
8 19	23 12.52	− 7 28.2	1.596	2.570	7.8	21.4
8 29	23 4.26	− 8 29.1	1.554	2.558	3.3	21.1
9 8	22 55.07	− 9 32.3	1.540	2.545	1.9	21.0
9 18	22 46.00	−10 30.8	1.552	2.532	6.5	21.3
9 28	22 38.17	−11 18.0	1.591	2.519	10.9	21.5
10 8	22 32.45	−11 49.6	1.652	2.505	14.7	21.7

112399 2002 NF_{36} 9 5.4 292°.75 0°.0/ 5.2 18

7 30	23 19.13	− 2 22.1	1.438	2.290	17.5	19.4
8 9	23 16.38	− 3 7.7	1.355	2.278	13.7	19.1
8 19	23 11.05	− 4 14.4	1.291	2.265	9.2	18.8
8 29	23 3.69	− 5 37.6	1.250	2.252	4.0	18.5
9 8	22 55.26	− 7 9.0	1.233	2.240	1.4	18.3
9 18	22 46.96	− 8 38.5	1.243	2.228	6.9	18.6
9 28	22 40.06	− 9 56.4	1.277	2.216	12.0	18.9
10 8	22 35.52	−10 55.4	1.332	2.204	16.4	19.1

432625 2010 VP_{66} 9 5.4 282°.17 2°.0/ 1.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 13.90	−15 57.5	4.349	5.193	6.8	21.4
8 9	23 10.49	−16 25.9	4.265	5.186	5.2	21.3
8 19	23 6.21	−16 55.5	4.207	5.180	3.5	21.1
8 29	23 1.31	−17 24.1	4.178	5.173	2.1	21.0
9 8	22 56.13	−17 49.1	4.177	5.166	2.4	21.0
9 18	22 51.05	−18 8.5	4.206	5.159	3.9	21.1
9 28	22 46.41	−18 20.6	4.264	5.152	5.7	21.3
10 8	22 42.56	−18 24.6	4.346	5.146	7.3	21.4

518305 2017 BD_{33} 9 5.4 288°.87 1°.6/ 6.9 18

7 30	23 20.32	− 0 42.2	2.130	2.948	13.8	21.6
8 9	23 16.46	− 0 45.0	2.029	2.930	10.9	21.4
8 19	23 10.68	− 1 0.8	1.951	2.912	7.6	21.1
8 29	23 3.42	− 1 28.0	1.897	2.894	3.9	20.9
9 8	22 55.37	− 2 3.1	1.871	2.876	1.6	20.7
9 18	22 47.37	− 2 41.9	1.872	2.858	4.8	20.9
9 28	22 40.30	− 3 19.3	1.901	2.840	8.6	21.1
10 8	22 34.89	− 3 50.5	1.954	2.822	12.1	21.2

351058 2003 SH_{296} 9 5.4 334°.41 3°.5/ 7.4 16

7 30	23 23.38	− 1 2.2	1.366	2.210	18.7	20.8
8 9	23 19.89	− 0 7.3	1.280	2.193	15.1	20.5
8 19	23 13.52	+ 0 34.7	1.212	2.177	10.8	20.2
8 29	23 4.83	+ 1 3.0	1.166	2.161	6.3	19.9
9 8	22 54.87	+ 1 19.0	1.144	2.147	3.6	19.7
9 18	22 44.99	+ 1 25.4	1.147	2.134	6.9	19.9
9 28	22 36.63	+ 1 27.2	1.173	2.122	11.7	20.1
10 8	22 30.91	+ 1 29.7	1.220	2.111	16.2	20.3

221379 2005 XY_{81} 9 5.4 209°.65 0°.2/ 5.6 18

7 30	23 19.00	− 3 35.8	2.373	3.199	12.3	21.2
8 9	23 15.11	− 4 2.8	2.289	3.198	9.5	21.1
8 19	23 9.58	− 4 40.7	2.228	3.196	6.3	20.8
8 29	23 2.86	− 5 26.4	2.192	3.194	2.8	20.6
9 8	22 55.60	− 6 15.6	2.185	3.192	0.9	20.5
9 18	22 48.49	− 7 3.8	2.207	3.190	4.5	20.7
9 28	22 42.26	− 7 46.4	2.256	3.187	7.9	20.9
10 8	22 37.51	− 8 19.8	2.330	3.185	10.9	21.1

85058 1112 $T\text{-}_{1}$ 9 5.4 249°.42 2°.2/ 7.9 18

7 30	23 20.14	+ 3 1.9	2.448	3.242	12.9	20.4
8 9	23 16.08	+ 2 44.7	2.341	3.224	10.4	20.2
8 19	23 10.31	+ 2 12.8	2.255	3.205	7.4	19.9
8 29	23 3.23	+ 1 27.3	2.195	3.186	4.3	19.7
9 8	22 55.45	+ 0 31.6	2.163	3.166	2.2	19.5
9 18	22 47.68	− 0 30.0	2.160	3.145	4.4	19.6
9 28	22 40.70	− 1 32.0	2.186	3.125	7.7	19.8
10 8	22 35.16	− 2 29.2	2.238	3.103	10.9	20.0

480489 2015 LH_{30} 9 5.4 243°.05 1°.0/ 6.4 18

7 30	23 21.22	− 1 47.7	1.949	2.776	14.6	21.2
8 9	23 17.18	− 2 1.0	1.866	2.773	11.4	21.0
8 19	23 11.13	− 2 28.0	1.805	2.771	7.8	20.7
8 29	23 3.59	− 3 6.1	1.769	2.768	3.8	20.5
9 8	22 55.34	− 3 50.7	1.759	2.765	1.2	20.3
9 18	22 47.28	− 4 36.7	1.777	2.763	5.1	20.6
9 28	22 40.33	− 5 18.4	1.822	2.760	9.0	20.8
10 8	22 35.21	− 5 51.3	1.891	2.757	12.5	21.0

367278 2007 TO_{270} 9 5.4 6°.13 1°.3/ 4.7 17

7 30	23 18.86	− 8 20.6	0.877	1.776	21.7	19.8
8 9	23 17.19	− 8 18.1	0.826	1.775	16.8	19.5
8 19	23 12.00	− 8 30.5	0.790	1.776	11.1	19.2
8 29	23 4.15	− 8 52.0	0.774	1.779	4.7	18.9
9 8	22 55.16	− 9 14.1	0.778	1.784	2.6	18.8
9 18	22 46.80	− 9 28.5	0.803	1.791	8.8	19.2
9 28	22 40.73	− 9 28.6	0.847	1.799	14.6	19.5
10 8	22 37.95	− 9 11.6	0.909	1.809	19.5	19.9

298637 2004 BY_{53} 9 5.4 257°.70 3°.1/ 2.3 18

7 30	23 20.52	−12 12.3	1.963	2.820	13.3	21.0
8 9	23 16.68	−13 8.8	1.886	2.814	10.1	20.8
8 19	23 10.82	−14 13.0	1.831	2.808	6.7	20.6
8 29	23 3.46	−15 18.9	1.802	2.802	3.6	20.4
9 8	22 55.39	−16 19.5	1.801	2.797	3.9	20.4
9 18	22 47.53	−17 8.6	1.827	2.791	7.2	20.6
9 28	22 40.79	−17 41.8	1.878	2.785	10.7	20.8
10 8	22 35.89	−17 56.8	1.952	2.779	13.8	21.0

273821 2007 GP_{12} 9 5.4 292°.44 1°.5/ 4.1 18

7 30	23 19.33	− 5 58.3	1.553	2.411	16.1	20.7
8 9	23 16.35	− 6 53.2	1.470	2.398	12.5	20.5
8 19	23 10.93	− 8 4.8	1.407	2.385	8.2	20.2
8 29	23 3.61	− 9 27.3	1.369	2.373	3.5	19.9
9 8	22 55.32	−10 52.2	1.356	2.360	2.5	19.8
9 18	22 47.17	−12 10.3	1.369	2.348	7.3	20.1
9 28	22 40.33	−13 13.4	1.407	2.336	11.9	20.3
10 8	22 35.71	−13 56.4	1.467	2.324	16.0	20.5

396314 2014 DH_{34} 9 5.4 197°.18 1°.3/ 4.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 21.33	− 7 18.1	1.889	2.735	14.2	21.6
8 9	23 17.31	− 7 58.5	1.812	2.734	10.9	21.4
8 19	23 11.24	− 8 50.0	1.758	2.733	7.1	21.1
8 29	23 3.64	− 9 47.7	1.729	2.732	3.0	20.9
9 8	22 55.34	−10 45.4	1.727	2.731	2.1	20.8
9 18	22 47.28	−11 36.8	1.753	2.730	6.1	21.1
9 28	22 40.39	−12 16.6	1.804	2.729	10.0	21.3
10 8	22 35.40	−12 41.6	1.880	2.727	13.4	21.5

408297 2013 GE_{20} 9 5.4 114°.19 0°.2/ 5.7 18

7 30	23 19.22	− 3 5.6	2.487	3.308	11.9	21.6
8 9	23 15.11	− 3 38.4	2.415	3.321	9.2	21.4
8 19	23 9.48	− 4 21.7	2.366	3.332	6.1	21.3
8 29	23 2.79	− 5 12.4	2.343	3.344	2.7	21.1
9 8	22 55.65	− 6 6.1	2.349	3.356	0.8	20.9
9 18	22 48.75	− 6 58.3	2.384	3.367	4.2	21.2
9 28	22 42.72	− 7 44.6	2.447	3.378	7.4	21.4
10 8	22 38.11	− 8 21.8	2.536	3.388	10.2	21.6

352375 2007 VM_{269} 9 5.4 283°.04 3°.3/ 2.1 18

7 30	23 20.24	−12 24.3	1.895	2.754	13.6	20.9
8 9	23 16.63	−13 22.1	1.810	2.740	10.4	20.6
8 19	23 10.90	−14 28.5	1.747	2.725	6.9	20.4
8 29	23 3.54	−15 37.1	1.710	2.710	3.8	20.2
9 8	22 55.36	−16 40.6	1.700	2.696	4.2	20.2
9 18	22 47.32	−17 32.3	1.717	2.681	7.6	20.4
9 28	22 40.39	−18 7.0	1.759	2.666	11.3	20.6
10 8	22 35.37	−18 22.4	1.824	2.651	14.6	20.7

115735 2003 UN_{186} 9 5.4 206°.39 0°.3/ 5.2 18

7 30	23 22.81	− 5 28.3	2.189	3.018	13.1	19.9
8 9	23 18.19	− 5 49.9	2.103	3.014	10.1	19.7
8 19	23 11.70	− 6 21.6	2.040	3.010	6.7	19.4
8 29	23 3.82	− 7 0.1	2.003	3.006	2.9	19.2
9 8	22 55.29	− 7 41.0	1.994	3.001	1.2	19.1
9 18	22 46.92	− 8 19.4	2.014	2.995	5.1	19.3
9 28	22 39.58	− 8 51.0	2.061	2.989	8.7	19.5
10 8	22 33.91	− 9 12.4	2.133	2.983	12.0	19.7

160233 2002 JQ_{14} 9 5.4 110°.97 10°.1/26.2 18

7 30	23 28.20	−33 21.1	1.904	2.754	13.9	19.6
8 9	23 22.72	−34 55.7	1.869	2.767	11.9	19.5
8 19	23 14.77	−36 19.1	1.855	2.780	10.4	19.4
8 29	23 5.12	−37 21.7	1.866	2.792	10.1	19.4
9 8	22 54.88	−37 56.6	1.901	2.805	11.1	19.5
9 18	22 45.25	−38 0.9	1.959	2.816	12.8	19.7
9 28	22 37.29	−37 35.7	2.039	2.828	14.8	19.8
10 8	22 31.73	−36 44.9	2.136	2.839	16.6	20.0

362492 2010 TS_{17} 9 5.4 306°.43 12°.9/16.3 18

7 30	23 24.91	−45 28.2	2.121	2.939	13.8	20.1
8 9	23 20.80	−47 27.3	2.079	2.923	13.1	20.0
8 19	23 13.91	−49 9.7	2.058	2.907	12.9	19.9
8 29	23 4.90	−50 25.7	2.058	2.892	13.4	20.0
9 8	22 54.91	−51 8.3	2.079	2.876	14.5	20.0
9 18	22 45.25	−51 14.6	2.118	2.861	15.8	20.1
9 28	22 37.26	−50 45.5	2.173	2.846	17.2	20.2
10 8	22 31.85	−49 45.6	2.242	2.831	18.4	20.3

454912 2015 TM_{133} 9 5.4 286°.64 2°.2/ 8.3 17

7 30	23 16.12	+ 4 42.2	2.349	3.146	13.3	21.4
8 9	23 13.07	+ 4 5.3	2.243	3.128	10.7	21.2
8 19	23 8.36	+ 3 10.3	2.160	3.109	7.7	21.0
8 29	23 2.40	+ 1 59.1	2.101	3.091	4.5	20.8
9 8	22 55.77	+ 0 35.6	2.070	3.073	2.2	20.6
9 18	22 49.18	− 0 54.3	2.068	3.055	4.4	20.7
9 28	22 43.38	− 2 24.0	2.095	3.037	7.8	20.9
10 8	22 39.01	− 3 47.0	2.147	3.018	11.0	21.0

355779 2008 RY_{125} 9 5.4 276°.14 1°.2/ 7.9 16

7 30	23 11.87	+ 1 44.5	4.539	5.327	7.5	21.3
8 9	23 8.92	+ 1 28.4	4.440	5.321	5.9	21.1
8 19	23 5.18	+ 1 5.0	4.366	5.315	4.2	21.0
8 29	23 0.88	+ 0 35.5	4.318	5.309	2.4	20.9
9 8	22 56.32	+ 0 1.6	4.300	5.303	1.2	20.8
9 18	22 51.82	− 0 34.7	4.312	5.297	2.4	20.9
9 28	22 47.71	− 1 11.1	4.353	5.291	4.2	21.0
10 8	22 44.28	− 1 45.2	4.422	5.284	6.0	21.1

343269 2009 YP_{25} 9 5.4 156°.31 3°.8/ 8.5 18

7 30	23 25.73	+ 3 34.0	1.864	2.663	16.2	21.0
8 9	23 20.75	+ 4 3.3	1.782	2.665	13.1	20.8
8 19	23 13.54	+ 4 16.8	1.721	2.667	9.6	20.5
8 29	23 4.67	+ 4 14.8	1.684	2.669	6.0	20.3
9 8	22 55.01	+ 3 59.1	1.673	2.671	3.8	20.2
9 18	22 45.56	+ 3 33.6	1.690	2.672	5.7	20.3
9 28	22 37.36	+ 3 3.5	1.733	2.673	9.2	20.5
10 8	22 31.20	+ 2 34.5	1.801	2.675	12.7	20.8

510832 2013 CZ_{20} 9 5.5 233.°48 0.°5/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 20.11	− 2 37.8	2.044	2.873	13.9	21.5
8 9	23 16.23	− 3 0.3	1.963	2.872	10.8	21.3
8 19	23 10.46	− 3 35.8	1.903	2.871	7.3	21.1
8 29	23 3.30	− 4 21.3	1.869	2.870	3.3	20.9
9 8	22 55.49	− 5 11.9	1.862	2.868	1.0	20.7
9 18	22 47.87	− 6 2.3	1.882	2.867	5.0	21.0
9 28	22 41.30	− 6 47.1	1.930	2.866	8.8	21.2
10 8	22 36.45	− 7 22.0	2.002	2.864	12.1	21.4

50912 2000 GX_{54} 9 5.5 276.°01 1.°9/ 3.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 22.30	−10 0.4	1.965	2.813	13.6	19.2
8 9	23 18.12	−10 30.0	1.876	2.799	10.5	19.0
8 19	23 11.84	−11 8.0	1.809	2.785	6.9	18.7
8 29	23 3.95	−11 49.9	1.767	2.770	3.1	18.5
9 8	22 55.26	−12 29.8	1.753	2.755	2.7	18.4
9 18	22 46.69	−13 2.5	1.766	2.741	6.4	18.6
9 28	22 39.22	−13 23.3	1.806	2.726	10.3	18.8
10 8	22 33.64	−13 29.9	1.869	2.711	13.7	19.0

195242 2002 EY_{24} 9 5.5 171.°50 0.°5/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 22.44	− 5 39.3	1.801	2.643	14.9	20.6
8 9	23 18.26	− 6 6.7	1.725	2.643	11.5	20.4
8 19	23 11.90	− 6 46.2	1.671	2.644	7.6	20.2
8 29	23 3.95	− 7 33.7	1.641	2.644	3.2	19.9
9 8	22 55.27	− 8 23.3	1.639	2.645	1.5	19.8
9 18	22 46.85	− 9 9.1	1.664	2.645	5.9	20.1
9 28	22 39.68	− 9 45.4	1.714	2.645	10.0	20.3
10 8	22 34.51	−10 8.7	1.789	2.645	13.6	20.6

168667 2000 EF_{141} 9 5.5 264.°64 0.°0/ 5.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 21.75	− 4 39.4	1.930	2.766	14.3	20.8
8 9	23 17.64	− 4 56.4	1.847	2.761	11.1	20.6
8 19	23 11.46	− 5 25.2	1.786	2.757	7.4	20.4
8 29	23 3.76	− 6 2.5	1.750	2.752	3.2	20.1
9 8	22 55.33	− 6 43.4	1.740	2.747	1.1	20.0
9 18	22 47.09	− 7 22.7	1.759	2.742	5.4	20.3
9 28	22 39.98	− 7 55.3	1.804	2.737	9.4	20.5
10 8	22 34.73	− 8 17.3	1.873	2.732	12.9	20.7

128999 2004 TB_{247} 9 5.5 351.°62 3.°6/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 13.05	−10 11.4	1.546	2.424	15.1	18.5
8 9	23 11.44	−11 37.5	1.475	2.416	11.5	18.3
8 19	23 7.62	−13 17.0	1.426	2.409	7.5	18.0
8 29	23 2.15	−15 1.7	1.401	2.403	4.0	17.8
9 8	22 55.88	−16 41.2	1.402	2.398	4.7	17.8
9 18	22 49.84	−18 5.8	1.428	2.395	8.5	18.1
9 28	22 45.05	−19 8.5	1.478	2.392	12.5	18.3
10 8	22 42.29	−19 45.8	1.549	2.391	16.1	18.5

185631 2008 CZ_{181} 9 5.5 68.°75 5.°0/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 23.32	−14 31.3	1.407	2.282	16.6	19.7
8 9	23 19.42	−15 44.9	1.354	2.291	12.6	19.5
8 19	23 12.86	−17 5.6	1.321	2.300	8.5	19.3
8 29	23 4.38	−18 23.7	1.312	2.309	5.3	19.1
9 8	22 55.15	−19 29.3	1.329	2.319	6.1	19.2
9 18	22 46.42	−20 14.6	1.370	2.328	9.7	19.5
9 28	22 39.41	−20 35.6	1.434	2.338	13.6	19.7
10 8	22 34.90	−20 32.3	1.519	2.348	17.0	20.0

67191 2000 CB_{38} 9 5.5 343.°92 0.°3/ 5.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 19.33	− 4 26.8	1.926	2.766	14.2	18.3
8 9	23 15.77	− 4 33.5	1.844	2.760	11.1	18.1
8 19	23 10.23	− 4 51.5	1.783	2.754	7.4	17.9
8 29	23 3.23	− 5 18.0	1.747	2.748	3.3	17.6
9 8	22 55.52	− 5 48.8	1.737	2.744	1.0	17.4
9 18	22 48.00	− 6 19.0	1.754	2.739	5.2	17.7
9 28	22 41.57	− 6 43.8	1.798	2.735	9.1	18.0
10 8	22 36.94	− 6 59.6	1.865	2.732	12.6	18.2

338642 2003 SW_{303} 9 5.5 16.°50 7.°7/31.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 29.24	−24 3.8	1.371	2.244	17.0	19.1
8 9	23 24.08	−24 33.4	1.319	2.248	13.5	18.9
8 19	23 15.93	−24 57.5	1.287	2.254	10.1	18.8
8 29	23 5.69	−25 7.2	1.277	2.260	7.9	18.7
9 8	22 54.73	−24 55.3	1.291	2.267	8.5	18.7
9 18	22 44.51	−24 18.7	1.330	2.274	11.4	18.9
9 28	22 36.37	−23 18.3	1.391	2.283	14.8	19.1
10 8	22 31.09	−21 58.3	1.473	2.292	17.9	19.4

354472 2004 CZ_{82} 9 5.5 232.°80 0.°5/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 23.42	− 4 5.9	2.186	3.010	13.3	21.3
8 9	23 18.70	− 4 11.4	2.096	3.002	10.4	21.1
8 19	23 12.07	− 4 27.0	2.028	2.995	7.0	20.8
8 29	23 4.01	− 4 50.5	1.986	2.987	3.2	20.6
9 8	22 55.25	− 5 18.0	1.972	2.978	1.0	20.4
9 18	22 46.63	− 5 45.5	1.986	2.969	4.9	20.7
9 28	22 39.02	− 6 8.7	2.028	2.961	8.6	20.9
10 8	22 33.11	− 6 24.2	2.095	2.951	11.9	21.1

388171 2006 AT_{93} 9 5.5 270.°31 2.°1/ 6.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 28.60	− 2 24.5	1.781	2.601	16.0	21.1
8 9	23 23.19	− 1 50.9	1.690	2.592	12.7	20.9
8 19	23 15.30	− 1 28.0	1.621	2.582	8.9	20.6
8 29	23 5.51	− 1 15.1	1.576	2.573	4.6	20.3
9 8	22 54.73	− 1 9.9	1.558	2.563	2.1	20.2
9 18	22 44.10	− 1 9.4	1.568	2.553	5.7	20.4
9 28	22 34.77	− 1 9.5	1.605	2.543	10.0	20.6
10 8	22 27.66	− 1 6.4	1.666	2.533	13.9	20.8

293563 2007 HE_{52} 9 5.5 232.°51 1.°7/ 7.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 16.98	+ 2 25.3	2.456	3.259	12.6	20.8
8 9	23 13.54	+ 1 56.7	2.368	3.258	10.0	20.6
8 19	23 8.56	+ 1 13.7	2.301	3.256	7.0	20.4
8 29	23 2.45	+ 0 18.2	2.260	3.254	3.9	20.2
9 8	22 55.82	− 0 45.7	2.247	3.252	1.7	20.0
9 18	22 49.31	− 1 53.3	2.263	3.249	4.1	20.2
9 28	22 43.63	− 2 59.0	2.307	3.247	7.3	20.4
10 8	22 39.32	− 3 58.0	2.377	3.245	10.2	20.6

455098 2015 UP_{74} 9 5.5 292.°03 3.°3/ 8.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 20.27	+ 4 18.6	2.269	3.061	13.8	20.9
8 9	23 16.26	+ 4 33.5	2.174	3.053	11.3	20.7
8 19	23 10.46	+ 4 34.1	2.101	3.045	8.3	20.5
8 29	23 3.32	+ 4 20.8	2.053	3.036	5.2	20.3
9 8	22 55.51	+ 3 55.6	2.031	3.028	3.3	20.2
9 18	22 47.79	+ 3 22.1	2.037	3.020	4.8	20.3
9 28	22 40.97	+ 2 44.8	2.070	3.012	7.9	20.4
10 8	22 35.71	+ 2 8.7	2.129	3.004	11.0	20.6

513742 2012 UC_{81} 9 5.5 282.°24 2.°4/ 7.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 20.32	+ 1 53.2	1.765	2.585	16.1	21.7
8 9	23 16.90	+ 1 43.2	1.669	2.568	13.0	21.4
8 19	23 11.22	+ 1 14.7	1.592	2.551	9.2	21.2
8 29	23 3.77	+ 0 29.2	1.539	2.534	5.1	20.9
9 8	22 55.34	− 0 29.3	1.512	2.516	2.4	20.7
9 18	22 46.95	− 1 34.5	1.512	2.499	5.5	20.8
9 28	22 39.68	− 2 38.8	1.538	2.481	9.9	21.0
10 8	22 34.41	− 3 35.4	1.587	2.464	13.9	21.3

511906 2015 HA_{65} 9 5.5 217.°72 0.°9/ 6.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 23.08	− 1 28.1	1.893	2.717	15.0	22.6
8 9	23 18.76	− 1 50.8	1.805	2.711	11.8	22.4
8 19	23 12.28	− 2 28.8	1.739	2.704	8.1	22.1
8 29	23 4.17	− 3 19.1	1.697	2.696	3.8	21.9
9 8	22 55.23	− 4 16.7	1.682	2.689	1.2	21.6
9 18	22 46.44	− 5 15.5	1.695	2.680	5.4	21.9
9 28	22 38.80	− 6 8.9	1.736	2.672	9.5	22.2
10 8	22 33.08	− 6 51.9	1.800	2.662	13.2	22.4

291036 2005 YK_{39} 9 5.5 257.°79 3.°2/ 8.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 21.02	+ 4 40.9	2.536	3.318	12.8	21.4
8 9	23 16.69	+ 4 53.3	2.432	3.303	10.5	21.2
8 19	23 10.70	+ 4 52.6	2.349	3.288	7.8	21.0
8 29	23 3.43	+ 4 38.9	2.291	3.273	5.0	20.8
9 8	22 55.49	+ 4 14.2	2.261	3.257	3.2	20.7
9 18	22 47.58	+ 3 41.3	2.260	3.241	4.6	20.7
9 28	22 40.45	+ 3 4.6	2.287	3.225	7.4	20.9
10 8	22 34.74	+ 2 28.4	2.339	3.209	10.3	21.0

60275 1999 XH_{85} 9 5.5 327.°98 4.°7/ 8.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 20.58	+ 3 27.8	1.280	2.117	20.1	18.3
8 9	23 17.86	+ 4 2.0	1.199	2.105	16.5	18.0
8 19	23 12.26	+ 4 14.9	1.135	2.093	12.2	17.7
8 29	23 4.34	+ 4 5.5	1.092	2.082	7.6	17.4
9 8	22 55.18	+ 3 36.2	1.071	2.071	4.7	17.2
9 18	22 46.13	+ 2 52.7	1.074	2.061	7.2	17.4
9 28	22 38.66	+ 2 3.6	1.100	2.053	11.9	17.6
10 8	22 33.86	+ 1 17.7	1.147	2.045	16.5	17.8

467377 2004 RQ_{83} 9 5.5 335.°18 3.°4/ 3.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 25.25	−12 44.0	1.075	1.960	19.7	20.2
8 9	23 21.93	−12 51.6	1.007	1.949	15.3	19.9
8 19	23 15.14	−13 7.3	0.957	1.940	10.2	19.6
8 29	23 5.62	−13 24.1	0.928	1.931	5.0	19.3
9 8	22 54.76	−13 33.5	0.921	1.923	4.4	19.2
9 18	22 44.31	−13 28.9	0.936	1.916	9.6	19.5
9 28	22 35.98	−13 6.0	0.974	1.910	15.0	19.8
10 8	22 30.92	−12 24.6	1.029	1.905	19.8	20.1

225069 2007 HM_{60} 9 5.5 1.°86 0.°4/ 5.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 16.05	− 4 55.9	1.639	2.496	15.5	19.7
8 9	23 13.54	− 5 24.2	1.568	2.495	11.9	19.5
8 19	23 8.90	− 6 6.5	1.518	2.494	7.9	19.2
8 29	23 2.69	− 6 58.3	1.491	2.495	3.4	19.0
9 8	22 55.78	− 7 53.3	1.490	2.497	1.4	18.8
9 18	22 49.14	− 8 44.8	1.515	2.499	6.0	19.2
9 28	22 43.72	− 9 26.6	1.565	2.503	10.2	19.4
10 8	22 40.27	− 9 54.3	1.637	2.508	13.9	19.7

514427 2016 UH_{10} 9 5.5 342°.77 3°.3/ 8.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 17.34	+ 4 12.4	1.522	2.348	17.9	21.4
8 9	23 14.80	+ 4 2.9	1.442	2.342	14.5	21.2
8 19	23 9.91	+ 3 30.5	1.380	2.337	10.5	20.9
8 29	23 3.21	+ 2 36.6	1.341	2.332	6.2	20.7
9 8	22 55.61	+ 1 26.2	1.326	2.328	3.3	20.5
9 18	22 48.20	+ 0 6.8	1.336	2.324	5.9	20.6
9 28	22 42.10	− 1 12.3	1.371	2.321	10.2	20.9
10 8	22 38.17	− 2 22.6	1.429	2.319	14.3	21.1

137530 1999 VH_{58} 9 5.5 271°.87 7°.4/12.0 18

7 30	23 20.40	+13 33.2	1.661	2.428	19.1	19.5
8 9	23 17.24	+13 54.6	1.563	2.412	16.4	19.3
8 19	23 11.63	+13 49.5	1.481	2.395	13.3	19.0
8 29	23 4.03	+13 15.1	1.420	2.378	10.0	18.8
9 8	22 55.30	+12 11.9	1.382	2.361	7.6	18.6
9 18	22 46.55	+10 44.6	1.369	2.343	7.9	18.6
9 28	22 38.99	+ 9 2.2	1.382	2.326	10.8	18.7
10 8	22 33.61	+ 7 15.8	1.418	2.308	14.4	18.9

225667 2001 ND_{15} 9 5.5 347°.21 3°.8/ 3.3 18

7 30	23 22.41	−13 32.4	1.135	2.022	18.7	19.6
8 9	23 19.50	−13 45.7	1.069	2.013	14.5	19.3
8 19	23 13.39	−14 6.0	1.021	2.004	9.7	19.0
8 29	23 4.81	−14 26.2	0.995	1.997	4.9	18.7
9 8	22 55.08	−14 38.1	0.990	1.991	4.7	18.7
9 18	22 45.77	−14 35.1	1.009	1.987	9.4	18.9
9 28	22 38.41	−14 13.4	1.050	1.984	14.5	19.2
10 8	22 34.05	−13 32.8	1.109	1.982	18.9	19.5

121875 2000 CQ_{116} 9 5.5 173°.84 4°.4/30.7 18

7 30	23 18.31	−17 56.4	2.459	3.318	10.9	19.7
8 9	23 14.61	−19 12.2	2.391	3.319	8.4	19.6
8 19	23 9.29	−20 30.5	2.348	3.319	5.9	19.4
8 29	23 2.80	−21 45.3	2.332	3.319	4.4	19.3
9 8	22 55.79	−22 50.4	2.344	3.319	5.2	19.4
9 18	22 48.97	−23 41.0	2.384	3.320	7.5	19.5
9 28	22 43.05	−24 14.1	2.449	3.320	10.0	19.7
10 8	22 38.60	−24 28.8	2.537	3.320	12.3	19.9

311147 2004 RP_{248} 9 5.5 50°.99 9°.4/15.3 18

7 30	23 24.18	+20 17.7	2.142	2.834	17.3	19.9
8 9	23 19.47	+21 36.0	2.066	2.844	15.4	19.8
8 19	23 12.69	+22 32.7	2.007	2.855	13.2	19.7
8 29	23 4.36	+23 3.9	1.969	2.866	11.2	19.6
9 8	22 55.26	+23 8.3	1.954	2.877	9.8	19.5
9 18	22 46.31	+22 47.3	1.964	2.889	9.5	19.5
9 28	22 38.49	+22 5.5	1.999	2.901	10.4	19.6
10 8	22 32.52	+21 10.2	2.057	2.912	12.1	19.7

374839 2006 UH_{265} 9 5.5 257°.97 4°.4/ 8.9 18

7 30	23 23.18	+ 5 10.9	1.600	2.409	18.0	20.7
8 9	23 19.28	+ 5 28.5	1.515	2.402	14.8	20.4
8 19	23 12.89	+ 5 25.6	1.448	2.395	11.0	20.2
8 29	23 4.54	+ 5 2.0	1.403	2.388	7.0	19.9
9 8	22 55.18	+ 4 20.4	1.383	2.381	4.4	19.8
9 18	22 45.95	+ 3 26.3	1.389	2.373	6.3	19.9
9 28	22 38.06	+ 2 27.5	1.420	2.366	10.3	20.1
10 8	22 32.44	+ 1 31.7	1.474	2.358	14.3	20.3

116259 2003 YB_{30} 9 5.5 113°.07 1°.7/ 6.8 18

7 30	23 24.87	− 0 23.7	1.546	2.377	17.5	20.2
8 9	23 20.42	− 0 31.6	1.478	2.385	13.8	20.0
8 19	23 13.48	− 0 57.1	1.429	2.393	9.5	19.8
8 29	23 4.72	− 1 37.4	1.403	2.401	4.8	19.5
9 8	22 55.16	− 2 27.1	1.403	2.409	1.8	19.4
9 18	22 45.96	− 3 19.3	1.429	2.416	5.9	19.7
9 28	22 38.28	− 4 7.0	1.482	2.423	10.4	19.9
10 8	22 32.93	− 4 44.6	1.557	2.430	14.3	20.2

309128 2006 XY_{18} 9 5.5 129°.04 0°.9/ 6.5 18

7 30	23 21.38	− 1 52.2	2.419	3.232	12.5	21.2
8 9	23 16.85	− 2 3.9	2.342	3.241	9.7	21.0
8 19	23 10.69	− 2 26.3	2.287	3.250	6.6	20.9
8 29	23 3.40	− 2 57.2	2.259	3.258	3.2	20.7
9 8	22 55.61	− 3 33.1	2.260	3.266	1.1	20.5
9 18	22 48.04	− 4 9.9	2.289	3.273	4.2	20.8
9 28	22 41.40	− 4 43.5	2.346	3.281	7.5	21.0
10 8	22 36.25	− 5 10.5	2.429	3.288	10.4	21.2

358832 2008 EN_{165} 9 5.5 112°.36 2°.2/ 3.3 18

7 30	23 23.05	−12 1.6	2.272	3.116	12.2	21.1
8 9	23 18.22	−12 28.0	2.203	3.124	9.3	20.9
8 19	23 11.63	−12 59.3	2.157	3.131	6.0	20.7
8 29	23 3.81	−13 31.2	2.138	3.139	2.9	20.5
9 8	22 55.49	−13 59.1	2.147	3.146	2.8	20.5
9 18	22 47.46	−14 19.0	2.184	3.154	5.8	20.8
9 28	22 40.49	−14 28.2	2.249	3.161	8.9	21.0
10 8	22 35.17	−14 25.2	2.338	3.168	11.7	21.2

24177 1999 XJ_{7} 9 5.5 311°.00 5°.5/31.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 20.72	−14 32.5	1.346	2.227	16.7	17.2
8 9	23 17.84	−15 50.6	1.275	2.216	12.9	16.9
8 19	23 12.14	−17 18.6	1.226	2.206	8.8	16.7
8 29	23 4.26	−18 46.8	1.199	2.196	5.7	16.5
9 8	22 55.30	−20 3.5	1.196	2.186	6.7	16.5
9 18	22 46.61	−20 59.2	1.218	2.177	10.6	16.7
9 28	22 39.53	−21 27.9	1.262	2.168	14.9	16.9
10 8	22 35.08	−21 28.4	1.325	2.159	18.7	17.1

187373 2005 UC_{330} 9 5.5 143°.35 5°.5/30.2 18

7 30	23 22.10	−22 17.1	2.335	3.192	11.4	20.4
8 9	23 17.57	−23 18.6	2.273	3.195	9.0	20.2
8 19	23 11.25	−24 18.9	2.236	3.198	6.7	20.1
8 29	23 3.66	−25 11.7	2.224	3.201	5.5	20.0
9 8	22 55.54	−25 51.2	2.240	3.204	6.3	20.1
9 18	22 47.71	−26 13.5	2.283	3.207	8.4	20.2
9 28	22 40.96	−26 16.9	2.351	3.210	10.8	20.4
10 8	22 35.88	−26 1.7	2.440	3.212	13.0	20.5

247468 2002 JE_{17} 9 5.5 227°.93 2°.4/ 8.3 18

7 30	23 18.76	+ 3 44.8	2.516	3.309	12.6	20.7
8 9	23 14.92	+ 3 33.2	2.422	3.303	10.2	20.5
8 19	23 9.51	+ 3 7.3	2.349	3.296	7.4	20.3
8 29	23 2.93	+ 2 28.6	2.302	3.290	4.4	20.1
9 8	22 55.79	+ 1 40.0	2.282	3.283	2.4	19.9
9 18	22 48.74	+ 0 45.7	2.291	3.276	4.2	20.1
9 28	22 42.49	− 0 9.6	2.329	3.269	7.2	20.2
10 8	22 37.62	− 1 0.9	2.392	3.262	10.1	20.4

392204 2009 SR_{296} 9 5.5 302°.18 1°.3/ 3.1 16

7 30	23 13.96	−12 3.0	4.159	4.996	7.2	21.0
8 9	23 10.61	−12 27.5	4.072	4.990	5.5	20.9
8 19	23 6.36	−12 54.8	4.011	4.985	3.5	20.7
8 29	23 1.47	−13 22.6	3.978	4.979	1.7	20.6
9 8	22 56.30	−13 48.6	3.974	4.973	1.7	20.6
9 18	22 51.21	−14 10.6	4.000	4.967	3.5	20.7
9 28	22 46.59	−14 26.7	4.055	4.962	5.5	20.9
10 8	22 42.76	−14 35.6	4.136	4.956	7.2	21.0

16528 Terakado 9 5.5 25°.20 8°.4/30.8 18 R

7 30	23 22.59	−21 43.4	1.148	2.042	18.1	15.6
8 9	23 19.34	−22 55.2	1.111	2.053	14.2	15.4
8 19	23 13.00	−24 4.7	1.092	2.066	10.5	15.2
8 29	23 4.51	−25 0.0	1.094	2.079	8.4	15.2
9 8	22 55.31	−25 31.1	1.119	2.094	9.5	15.3
9 18	22 46.89	−25 32.7	1.166	2.111	12.6	15.5
9 28	22 40.58	−25 4.4	1.234	2.128	16.1	15.8
10 8	22 37.15	−24 10.3	1.319	2.145	19.2	16.0

449337 2013 GC_{1} 9 5.5 95°.58 7°.0/29.1 18

7 30	23 25.50	−27 52.2	2.266	3.117	12.0	20.8
8 9	23 20.22	−28 47.5	2.213	3.124	9.7	20.6
8 19	23 12.98	−29 37.0	2.184	3.131	7.8	20.5
8 29	23 4.40	−30 14.0	2.180	3.138	7.0	20.5
9 8	22 55.33	−30 33.0	2.203	3.145	7.8	20.6
9 18	22 46.67	−30 31.3	2.251	3.151	9.6	20.7
9 28	22 39.29	−30 8.4	2.323	3.158	11.7	20.8
10 8	22 33.79	−29 26.3	2.417	3.165	13.8	21.0

402762 2007 BF_{14} 9 5.5 11°.52 4°.5/31.7 18

7 30	23 17.53	−14 41.3	1.807	2.678	13.6	20.3
8 9	23 14.54	−16 1.5	1.744	2.680	10.4	20.1
8 19	23 9.50	−17 27.9	1.704	2.682	7.0	19.9
8 29	23 2.97	−18 52.9	1.689	2.685	4.6	19.8
9 8	22 55.79	−20 8.1	1.701	2.688	5.4	19.8
9 18	22 48.89	−21 6.6	1.739	2.691	8.5	20.0
9 28	22 43.18	−21 44.1	1.801	2.695	11.8	20.2
10 8	22 39.37	−21 59.3	1.884	2.700	14.7	20.5

440104 2003 BL_{11} 9 5.5 315°.61 10°.9/ 9.8 17

7 30	23 31.13	+12 55.7	1.705	2.453	19.3	20.6
8 9	23 26.04	+15 6.8	1.591	2.420	17.1	20.3
8 19	23 17.92	+17 6.5	1.495	2.386	14.6	20.1
8 29	23 7.05	+18 47.6	1.422	2.353	12.2	19.9
9 8	22 54.28	+20 3.7	1.373	2.321	11.0	19.7
9 18	22 40.90	+20 50.6	1.349	2.289	11.6	19.7
9 28	22 28.48	+21 9.1	1.349	2.257	14.0	19.7
10 8	22 18.49	+21 5.4	1.372	2.226	17.0	19.8

359343 2009 SE_{143} 9 5.5 285°.45 1°.1/ 7.8 15

7 30	23 12.08	+ 1 26.2	4.410	5.200	7.6	21.5
8 9	23 9.15	+ 1 8.4	4.312	5.195	6.0	21.4
8 19	23 5.39	+ 0 43.0	4.238	5.189	4.2	21.3
8 29	23 1.06	+ 0 11.5	4.192	5.183	2.4	21.1
9 8	22 56.46	− 0 24.4	4.174	5.178	1.1	21.0
9 18	22 51.92	− 1 2.6	4.187	5.172	2.4	21.1
9 28	22 47.79	− 1 40.6	4.229	5.166	4.3	21.3
10 8	22 44.36	− 2 16.1	4.299	5.161	6.1	21.4

188102 2001 YS_{102} 9 5.5 2°.71 7°.1/10.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 16.61	+ 7 12.9	1.113	1.953	22.3	18.3
8 9	23 14.97	+ 8 9.2	1.049	1.951	18.6	18.0
8 19	23 10.40	+ 8 38.7	1.000	1.950	14.4	17.8
8 29	23 3.55	+ 8 38.7	0.970	1.951	10.1	17.5
9 8	22 55.60	+ 8 11.0	0.961	1.953	7.2	17.4
9 18	22 47.97	+ 7 21.4	0.973	1.958	8.4	17.5
9 28	22 42.09	+ 6 20.2	1.007	1.964	12.2	17.7
10 8	22 38.99	+ 5 18.5	1.061	1.971	16.4	18.0

235773 2004 VD_{24} 9 5.5 308°.14 3°.3/ 2.4 18

7 30	23 17.93	− 9 43.7	1.522	2.393	15.7	19.7
8 9	23 15.45	−10 54.7	1.436	2.372	12.1	19.4
8 19	23 10.49	−12 20.7	1.371	2.352	7.9	19.1
8 29	23 3.57	−13 54.4	1.330	2.333	4.0	18.8
9 8	22 55.58	−15 25.9	1.315	2.313	4.4	18.8
9 18	22 47.67	−16 45.1	1.325	2.295	8.6	19.0
9 28	22 41.05	−17 43.9	1.358	2.276	13.1	19.2
10 8	22 36.69	−18 18.1	1.412	2.258	17.1	19.4

329017 2011 AL_6 9 5.5 313°.63 5°.0/ 9.3 17

7 30	23 22.96	+ 5 41.8	2.006	2.795	15.5	20.0
8 9	23 18.78	+ 6 31.1	1.901	2.774	12.9	19.8
8 19	23 12.44	+ 7 6.5	1.817	2.752	9.9	19.5
8 29	23 4.38	+ 7 26.4	1.756	2.731	6.8	19.3
9 8	22 55.33	+ 7 31.1	1.721	2.711	5.0	19.2
9 18	22 46.23	+ 7 22.5	1.713	2.691	6.2	19.2
9 28	22 38.10	+ 7 4.7	1.731	2.671	9.3	19.3
10 8	22 31.80	+ 6 43.0	1.774	2.651	12.7	19.5

391199 2006 FX_{50} 9 5.5 191°.36 7°.3/29.0 15

7 30	23 21.90	−11 13.4	1.176	2.058	18.6	20.3
8 9	23 19.16	−14 31.6	1.115	2.058	14.1	20.0
8 19	23 13.27	−18 12.6	1.076	2.057	9.6	19.8
8 29	23 4.87	−21 56.9	1.064	2.056	7.3	19.6
9 8	22 55.18	−25 21.6	1.078	2.054	9.6	19.8
9 18	22 45.75	−28 7.8	1.117	2.052	14.0	20.0
9 28	22 38.18	−30 5.6	1.178	2.049	18.3	20.3
10 8	22 33.59	−31 15.0	1.256	2.046	22.0	20.5

195602 2002 KN_1 9 5.5 116°.66 1°.6/ 7.0 18 R

7 30	23 23.04	+ 0 8.8	1.951	2.766	15.0	20.8
8 9	23 18.50	− 0 4.6	1.879	2.778	11.8	20.6
8 19	23 11.98	− 0 32.8	1.829	2.789	8.1	20.4
8 29	23 4.04	− 1 13.3	1.803	2.800	4.2	20.2
9 8	22 55.50	− 2 1.7	1.805	2.810	1.7	20.0
9 18	22 47.25	− 2 52.4	1.834	2.820	4.9	20.3
9 28	22 40.19	− 3 39.9	1.891	2.830	8.7	20.5
10 8	22 34.97	− 4 19.3	1.973	2.840	12.0	20.8

188210 2002 SP_{52} 9 5.5 303°.14 6°.8/30.9 18

7 30	23 22.13	−18 1.5	1.367	2.249	16.5	19.3
8 9	23 19.13	−19 17.4	1.287	2.227	12.9	19.0
8 19	23 13.17	−20 40.4	1.228	2.205	9.3	18.8
8 29	23 4.82	−22 0.1	1.192	2.183	6.9	18.6
9 8	22 55.18	−23 4.9	1.179	2.161	8.1	18.6
9 18	22 45.66	−23 45.2	1.190	2.139	11.8	18.7
9 28	22 37.75	−23 55.7	1.222	2.118	16.0	18.9
10 8	22 32.57	−23 36.1	1.273	2.098	19.9	19.1

261668 2005 YN_{155} 9 5.5 123°.47 9°.3/22.4 18

7 30	23 22.40	−36 32.1	2.454	3.294	11.5	20.0
8 9	23 18.06	−38 24.1	2.418	3.300	10.1	20.0
8 19	23 11.72	−40 5.4	2.406	3.306	9.4	19.9
8 29	23 3.94	−41 28.2	2.419	3.313	9.5	19.9
9 8	22 55.53	−42 26.4	2.457	3.318	10.5	20.0
9 18	22 47.42	−42 57.3	2.517	3.324	11.9	20.1
9 28	22 40.50	−43 0.6	2.597	3.330	13.4	20.3
10 8	22 35.45	−42 39.0	2.695	3.335	14.7	20.4

98634 2000 WF_{113} 9 5.5 180°.53 2°.1/ 3.4 18

7 30	23 24.06	−10 42.9	2.225	3.065	12.5	20.1
8 9	23 19.13	−11 22.2	2.147	3.066	9.6	19.9
8 19	23 12.34	−12 8.3	2.093	3.067	6.2	19.7
8 29	23 4.20	−12 56.5	2.066	3.067	3.0	19.5
9 8	22 55.45	−13 41.5	2.067	3.067	2.8	19.5
9 18	22 46.92	−14 18.4	2.096	3.066	6.0	19.7
9 28	22 39.45	−14 43.4	2.153	3.064	9.3	19.9
10 8	22 33.69	−14 54.7	2.234	3.062	12.3	20.1

432274 2009 ST_{95} 9 5.5 269°.45 1°.7/ 2.4 17

7 30	23 14.88	−14 34.3	4.402	5.241	6.8	21.4
8 9	23 11.25	−14 54.9	4.320	5.238	5.2	21.3
8 19	23 6.75	−15 17.0	4.263	5.236	3.4	21.2
8 29	23 1.66	−15 38.4	4.235	5.233	1.9	21.1
9 8	22 56.31	−15 57.0	4.237	5.231	2.0	21.1
9 18	22 51.05	−16 10.9	4.269	5.228	3.6	21.2
9 28	22 46.25	−16 18.5	4.328	5.226	5.4	21.3
10 8	22 42.23	−16 18.8	4.414	5.223	7.0	21.4

254179 2004 RS_{12} 9 5.5 9°.75 5°.5/ 1.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 17.14	−16 26.5	1.294	2.185	16.6	18.8
8 9	23 14.89	−17 18.7	1.245	2.190	12.7	18.6
8 19	23 10.00	−18 14.9	1.215	2.197	8.7	18.4
8 29	23 3.25	−19 6.3	1.208	2.205	5.7	18.3
9 8	22 55.78	−19 44.1	1.224	2.215	6.4	18.4
9 18	22 48.82	−20 1.9	1.264	2.226	9.9	18.6
9 28	22 43.53	−19 56.7	1.326	2.239	13.7	18.9
10 8	22 40.65	−19 29.1	1.407	2.254	17.1	19.1

318370 2004 VT_{50} 9 5.5 64°.57 7°.9/27.3 18

7 30	23 22.85	−29 49.5	2.219	3.074	12.0	20.1
8 9	23 18.32	−31 5.9	2.173	3.082	10.0	20.0
8 19	23 11.82	−32 15.3	2.150	3.090	8.4	19.9
8 29	23 3.94	−33 10.3	2.153	3.098	7.9	19.9
9 8	22 55.55	−33 45.0	2.181	3.106	8.8	20.0
9 18	22 47.55	−33 56.2	2.234	3.114	10.5	20.1
9 28	22 40.80	−33 43.4	2.309	3.123	12.5	20.2
10 8	22 35.93	−33 8.9	2.405	3.131	14.4	20.4

331318 2011 QB_{58} 9 5.5 46°.12 3°.3/ 8.4 18

7 30	23 22.23	+ 3 23.4	1.857	2.664	15.9	20.5
8 9	23 18.09	+ 3 37.1	1.778	2.667	12.9	20.3
8 19	23 11.85	+ 3 34.0	1.719	2.669	9.3	20.1
8 29	23 4.04	+ 3 15.1	1.684	2.671	5.7	19.9
9 8	22 55.51	+ 2 43.3	1.674	2.674	3.3	19.8
9 18	22 47.19	+ 2 3.1	1.692	2.677	5.4	19.9
9 28	22 40.05	+ 1 20.5	1.736	2.679	9.0	20.1
10 8	22 34.85	+ 0 41.3	1.804	2.682	12.4	20.4

319012 2005 UM_{497} 9 5.5 275°.39 2°.8/ 2.3 18

7 30	23 19.87	−12 3.0	2.292	3.142	11.9	21.3
8 9	23 16.08	−12 57.3	2.196	3.121	9.1	21.1
8 19	23 10.46	−13 59.3	2.123	3.099	6.0	20.9
8 29	23 3.45	−15 3.8	2.077	3.077	3.2	20.6
9 8	22 55.69	−16 4.9	2.058	3.054	3.5	20.6
9 18	22 47.98	−16 56.9	2.068	3.031	6.6	20.8
9 28	22 41.14	−17 35.1	2.105	3.008	9.9	20.9
10 8	22 35.87	−17 57.1	2.165	2.985	12.9	21.1

255387 2005 WO_{152} 9 5.5 17°.16 5°.2/31.3 18

7 30	23 21.39	−19 25.2	2.004	2.868	12.8	20.3
8 9	23 17.32	−20 21.6	1.941	2.870	9.9	20.1
8 19	23 11.24	−21 19.0	1.901	2.871	7.0	19.9
8 29	23 3.73	−22 10.5	1.886	2.873	5.2	19.8
9 8	22 55.63	−22 49.7	1.898	2.876	6.0	19.9
9 18	22 47.84	−23 12.0	1.936	2.878	8.5	20.0
9 28	22 41.25	−23 14.9	1.999	2.881	11.4	20.2
10 8	22 36.53	−22 58.7	2.084	2.884	14.0	20.4

179243 2001 UH_{97} 9 5.5 193°.75 2°.7/ 2.5 18

7 30	23 22.67	−13 45.4	2.502	3.346	11.2	21.0
8 9	23 17.89	−14 24.0	2.423	3.344	8.6	20.8
8 19	23 11.45	−15 6.8	2.369	3.342	5.7	20.6
8 29	23 3.80	−15 49.1	2.341	3.339	3.1	20.5
9 8	22 55.61	−16 26.2	2.342	3.336	3.3	20.5
9 18	22 47.62	−16 54.2	2.372	3.333	6.0	20.7
9 28	22 40.55	−17 10.0	2.429	3.329	8.9	20.8
10 8	22 35.00	−17 12.4	2.510	3.325	11.5	21.0

441227 2007 VN_{112} 9 5.5 107°.51 0°.8/ 4.7 18

7 30	23 21.26	− 6 31.4	1.936	2.778	14.0	21.5
8 9	23 17.25	− 7 2.8	1.861	2.780	10.8	21.2
8 19	23 11.23	− 7 45.1	1.808	2.781	7.0	21.0
8 29	23 3.76	− 8 34.0	1.780	2.783	3.0	20.8
9 8	22 55.63	− 9 23.8	1.779	2.784	1.7	20.7
9 18	22 47.75	−10 8.9	1.806	2.786	5.7	21.0
9 28	22 41.01	−10 44.3	1.859	2.787	9.5	21.2
10 8	22 36.10	−11 6.7	1.936	2.789	12.9	21.4

250050 2002 CQ_{277} 9 5.5 337°.10 1°.1/ 6.3 17

7 30	23 23.33	− 2 0.8	1.342	2.191	18.7	20.9
8 9	23 19.73	− 2 11.5	1.270	2.189	14.7	20.6
8 19	23 13.34	− 2 41.0	1.217	2.188	10.0	20.4
8 29	23 4.82	− 3 25.8	1.186	2.187	4.8	20.1
9 8	22 55.27	− 4 19.5	1.179	2.186	1.5	19.9
9 18	22 46.02	− 5 14.2	1.197	2.185	6.6	20.2
9 28	22 38.42	− 6 1.7	1.240	2.184	11.7	20.5
10 8	22 33.41	− 6 35.9	1.304	2.183	16.1	20.7

494370 2016 UM_{25} 9 5.5 15°.65 9°.8/14.8 18

7 30	23 12.14	+16 0.5	1.097	1.904	24.6	19.6
8 9	23 11.46	+16 44.1	1.045	1.914	21.3	19.4
8 19	23 8.00	+16 49.5	1.006	1.926	17.5	19.3
8 29	23 2.48	+16 13.5	0.985	1.940	13.6	19.1
9 8	22 56.07	+14 58.7	0.982	1.956	10.6	19.0
9 18	22 50.10	+13 13.9	1.000	1.975	10.0	19.0
9 28	22 45.86	+11 13.1	1.040	1.994	12.1	19.2
10 8	22 44.19	+ 9 11.9	1.101	2.016	15.5	19.5

439468 2013 YD_{61} 9 5.5 119°.25 2°.2/ 7.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 24.95	+ 0 5.0	1.822	2.639	15.8	21.3
8 9	23 20.18	+ 0 14.5	1.746	2.644	12.6	21.1
8 19	23 13.22	+ 0 9.4	1.691	2.650	8.8	20.9
8 29	23 4.65	− 0 8.6	1.660	2.655	4.7	20.6
9 8	22 55.35	− 0 35.9	1.656	2.660	2.2	20.5
9 18	22 46.33	− 1 8.0	1.679	2.665	5.3	20.7
9 28	22 38.59	− 1 39.4	1.729	2.670	9.2	20.9
10 8	22 32.88	− 2 5.2	1.803	2.675	12.8	21.2

351391 2005 EO_{198} 9 5.5 330°.12 1°.3/ 4.4 18

7 30	23 23.32	− 8 36.0	1.821	2.668	14.6	20.7
8 9	23 18.98	− 8 53.7	1.744	2.666	11.2	20.4
8 19	23 12.46	− 9 20.2	1.689	2.665	7.3	20.2
8 29	23 4.33	− 9 51.5	1.660	2.663	3.2	19.9
9 8	22 55.46	−10 22.2	1.657	2.661	2.1	19.9
9 18	22 46.85	−10 47.1	1.681	2.660	6.1	20.1
9 28	22 39.50	−11 2.0	1.731	2.658	10.1	20.4
10 8	22 34.16	−11 4.3	1.804	2.657	13.7	20.6

507936 2015 AZ_{156} 9 5.5 254°.60 3°.6/ 8.0 17

7 30	23 25.24	+ 2 20.8	1.509	2.330	18.3	21.8
8 9	23 21.04	+ 2 41.7	1.426	2.324	14.9	21.5
8 19	23 14.16	+ 2 44.0	1.363	2.318	10.7	21.3
8 29	23 5.19	+ 2 28.0	1.321	2.312	6.3	21.0
9 8	22 55.15	+ 1 56.9	1.305	2.306	3.6	20.8
9 18	22 45.28	+ 1 16.0	1.314	2.300	6.4	21.0
9 28	22 36.88	+ 0 32.6	1.348	2.294	10.8	21.2
10 8	22 30.91	− 0 6.2	1.405	2.288	15.0	21.5

293438 2007 EU_{156} 9 5.5 54°.37 0°.5/ 6.2 18

7 30	23 16.76	− 0 48.8	2.239	3.063	13.0	20.2
8 9	23 13.53	− 1 37.2	2.162	3.068	10.2	20.1
8 19	23 8.66	− 2 40.0	2.107	3.073	6.8	19.9
8 29	23 2.62	− 3 53.4	2.078	3.079	3.2	19.6
9 8	22 56.06	− 5 12.0	2.077	3.084	0.9	19.5
9 18	22 49.69	− 6 29.9	2.105	3.090	4.5	19.8
9 28	22 44.23	− 7 41.0	2.161	3.096	8.0	20.0
10 8	22 40.25	− 8 40.7	2.241	3.101	11.1	20.2

92568 2000 OJ_{56} 9 5.5 351°.06 3°.6/ 2.9 18

7 30	23 20.67	−12 2.3	1.292	2.171	17.4	18.9
8 9	23 17.79	−12 40.3	1.226	2.166	13.4	18.6
8 19	23 12.10	−13 28.1	1.179	2.161	8.8	18.3
8 29	23 4.28	−14 18.1	1.155	2.158	4.5	18.1
9 8	22 55.50	−15 1.6	1.155	2.155	4.5	18.1
9 18	22 47.07	−15 30.9	1.179	2.153	8.9	18.3
9 28	22 40.34	−15 40.6	1.225	2.152	13.5	18.6
10 8	22 36.22	−15 29.4	1.291	2.152	17.5	18.8

479998 2014 KA_{63} 9 5.5 200°.02 3°.6/ 1.5 18

7 30	23 23.16	−16 11.2	2.434	3.281	11.3	21.9
8 9	23 18.36	−17 0.1	2.356	3.278	8.7	21.7
8 19	23 11.81	−17 52.0	2.303	3.274	5.9	21.6
8 29	23 4.00	−18 41.7	2.276	3.270	3.8	21.4
9 8	22 55.61	−19 23.9	2.278	3.265	4.3	21.4
9 18	22 47.41	−19 54.2	2.309	3.260	6.8	21.6
9 28	22 40.18	−20 9.7	2.366	3.254	9.6	21.8
10 8	22 34.54	−20 9.7	2.447	3.248	12.2	21.9

378224 2007 BW_{21} 9 5.5 152°.43 2°.2/ 3.4 17

7 30	23 24.10	− 9 29.6	1.920	2.765	14.0	21.7
8 9	23 19.42	−10 22.2	1.851	2.773	10.7	21.5
8 19	23 12.66	−11 24.0	1.804	2.779	6.9	21.3
8 29	23 4.40	−12 29.4	1.783	2.786	3.2	21.1
9 8	22 55.49	−13 31.4	1.790	2.791	3.0	21.1
9 18	22 46.88	−14 23.9	1.825	2.796	6.6	21.3
9 28	22 39.51	−15 2.0	1.887	2.801	10.3	21.6
10 8	22 34.07	−15 23.4	1.972	2.805	13.5	21.8

411930 2012 GX_{3} 9 5.5 120°.19 1°.7/ 3.3 18

7 30	23 20.05	−11 24.4	2.875	3.713	10.1	21.8
8 9	23 15.60	−11 56.7	2.807	3.725	7.6	21.6
8 19	23 9.79	−12 33.4	2.763	3.736	4.9	21.5
8 29	23 3.06	−13 10.8	2.747	3.748	2.4	21.3
9 8	22 55.95	−13 45.3	2.760	3.759	2.3	21.3
9 18	22 49.05	−14 13.5	2.802	3.770	4.7	21.5
9 28	22 42.96	−14 32.9	2.872	3.781	7.4	21.7
10 8	22 38.13	−14 41.9	2.967	3.791	9.7	21.9

180894 2005 JV_{149} 9 5.5 176°.47 1°.3/ 6.7 17

7 30	23 21.57	+ 0 50.6	1.616	2.445	17.0	21.0
8 9	23 17.93	+ 0 13.5	1.539	2.446	13.4	20.8
8 19	23 11.93	− 0 44.2	1.482	2.446	9.2	20.5
8 29	23 4.16	− 1 58.8	1.448	2.447	4.6	20.2
9 8	22 55.56	− 3 23.5	1.441	2.447	1.5	20.0
9 18	22 47.19	− 4 50.0	1.460	2.447	5.8	20.3
9 28	22 40.16	− 6 9.3	1.506	2.447	10.3	20.6
10 8	22 35.28	− 7 14.6	1.575	2.446	14.3	20.8

271684 2004 RW_{85} 9 5.5 2°.60 2°.1/ 7.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 17.16	+ 0 1.9	1.211	2.071	19.7	20.3
8 9	23 15.16	− 0 0.8	1.146	2.069	15.6	20.0
8 19	23 10.41	− 0 25.4	1.097	2.068	10.9	19.8
8 29	23 3.57	− 1 9.4	1.070	2.069	5.6	19.5
9 8	22 55.76	− 2 6.3	1.065	2.071	2.2	19.3
9 18	22 48.28	− 3 7.5	1.084	2.074	6.6	19.6
9 28	22 42.44	− 4 3.7	1.126	2.078	11.6	19.9
10 8	22 39.17	− 4 47.2	1.188	2.084	16.2	20.1

286854 2002 NW_{68} 9 5.5 18°.40 1°.1/ 4.5 18

7 30	23 17.49	− 5 5.8	1.486	2.347	16.6	20.9
8 9	23 14.88	− 6 0.9	1.421	2.351	12.7	20.7
8 19	23 9.94	− 7 12.4	1.377	2.356	8.3	20.4
8 29	23 3.28	− 8 34.0	1.357	2.361	3.5	20.2
9 8	22 55.88	− 9 57.0	1.362	2.367	2.1	20.1
9 18	22 48.80	−11 12.5	1.393	2.374	6.8	20.4
9 28	22 43.12	−12 12.9	1.448	2.381	11.3	20.7
10 8	22 39.59	−12 53.8	1.525	2.389	15.1	20.9

362930 2012 DW_{77} 9 5.5 341°.04 5°.4/29.6 18

7 30	23 18.30	−19 53.8	2.225	3.090	11.6	19.6
8 9	23 14.86	−21 22.9	2.160	3.088	9.0	19.4
8 19	23 9.63	−22 53.8	2.119	3.087	6.6	19.3
8 29	23 3.08	−24 19.1	2.106	3.086	5.4	19.2
9 8	22 55.94	−25 31.8	2.119	3.085	6.4	19.3
9 18	22 49.00	−26 26.3	2.159	3.084	8.7	19.4
9 28	22 43.07	−26 59.5	2.224	3.083	11.3	19.6
10 8	22 38.76	−27 11.1	2.310	3.083	13.6	19.7

475361 2006 CX_{67} 9 5.5 47°.64 2°.0/ 4.1 18

7 30	23 26.78	−11 1.9	1.657	2.509	15.5	21.1
8 9	23 21.79	−11 12.4	1.588	2.513	11.9	20.9
8 19	23 14.37	−11 29.6	1.540	2.516	7.8	20.7
8 29	23 5.19	−11 48.9	1.517	2.520	3.5	20.5
9 8	22 55.26	−12 4.7	1.520	2.523	2.8	20.4
9 18	22 45.72	−12 12.3	1.551	2.527	6.9	20.7
9 28	22 37.68	−12 8.3	1.606	2.531	11.0	20.9
10 8	22 31.93	−11 51.3	1.685	2.535	14.6	21.2

165574 Deidre 9 5.5 229°.05 0°.6/ 4.8 18

7 30	23 19.99	− 4 5.9	2.056	2.890	13.6	20.5
8 9	23 16.28	− 5 2.6	1.968	2.882	10.6	20.2
8 19	23 10.66	− 6 13.6	1.903	2.874	6.9	20.0
8 29	23 3.58	− 7 34.5	1.863	2.866	2.9	19.7
9 8	22 55.78	− 8 58.8	1.851	2.857	1.5	19.6
9 18	22 48.10	−10 19.4	1.868	2.848	5.6	19.9
9 28	22 41.41	−11 29.6	1.912	2.838	9.4	20.1
10 8	22 36.43	−12 24.9	1.980	2.828	12.8	20.3

229582 2006 BD_{92} 9 5.5 67°.15 2°.7/ 3.1 18

7 30	23 22.21	− 9 59.4	1.606	2.467	15.6	19.8
8 9	23 18.27	−10 53.8	1.548	2.478	11.8	19.6
8 19	23 12.03	−11 58.1	1.512	2.490	7.7	19.4
8 29	23 4.15	−13 5.4	1.500	2.503	3.6	19.2
9 8	22 55.62	−14 7.7	1.515	2.515	3.5	19.2
9 18	22 47.52	−14 58.0	1.555	2.527	7.4	19.5
9 28	22 40.86	−15 31.4	1.621	2.539	11.3	19.8
10 8	22 36.36	−15 45.9	1.708	2.552	14.7	20.0

39031 2000 UH_{76} 9 5.5 342°.33 17°.1/20.6 18

7 30	23 23.38	−40 24.8	1.171	2.044	19.3	17.9
8 9	23 21.08	−42 23.6	1.129	2.028	17.8	17.7
8 19	23 14.85	−44 1.5	1.103	2.014	17.1	17.6
8 29	23 5.62	−45 2.4	1.096	2.000	17.5	17.6
9 8	22 55.13	−45 15.0	1.106	1.989	18.8	17.7
9 18	22 45.39	−44 35.1	1.133	1.979	20.9	17.8
9 28	22 38.24	−43 6.3	1.174	1.970	23.1	17.9
10 8	22 34.70	−40 57.6	1.229	1.964	25.2	18.1

19848 Yeungchuchiu 9 5.5 297°.20 5°.6/30.8 18 R

7 30	23 22.36	−21 4.0	2.080	2.942	12.5	17.0
8 9	23 18.11	−22 0.3	2.009	2.934	9.8	16.8
8 19	23 11.83	−22 56.8	1.961	2.927	7.2	16.6
8 29	23 4.07	−23 46.5	1.938	2.920	5.6	16.5
9 8	22 55.64	−24 23.1	1.942	2.914	6.4	16.6
9 18	22 47.46	−24 41.9	1.972	2.907	8.8	16.7
9 28	22 40.44	−24 40.6	2.027	2.900	11.6	16.9
10 8	22 35.28	−24 19.5	2.104	2.893	14.2	17.0

383103 2005 SC_{170} 9 5.5 330°.88 6°.5/10.4 18

7 30	23 12.40	+ 7 57.3	1.152	1.992	21.7	19.7
8 9	23 11.92	+ 8 24.0	1.063	1.966	18.3	19.3
8 19	23 8.64	+ 8 21.2	0.989	1.941	14.2	19.0
8 29	23 2.99	+ 7 45.5	0.934	1.917	9.8	18.7
9 8	22 55.94	+ 6 38.3	0.899	1.895	6.7	18.5
9 18	22 48.82	+ 5 6.6	0.886	1.874	8.0	18.5
9 28	22 43.19	+ 3 22.6	0.894	1.855	12.6	18.6
10 8	22 40.29	+ 1 41.1	0.922	1.838	17.6	18.9

318513 2005 EV_{176} 9 5.5 84°.42 2°.1/ 4.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 27.70	−10 2.1	1.434	2.291	17.2	20.9
8 9	23 22.78	−10 23.2	1.373	2.301	13.2	20.7
8 19	23 15.15	−10 53.6	1.333	2.310	8.6	20.4
8 29	23 5.56	−11 27.5	1.316	2.319	3.8	20.2
9 8	22 55.19	−11 57.9	1.325	2.328	3.0	20.1
9 18	22 45.33	−12 18.7	1.359	2.337	7.5	20.4
9 28	22 37.22	−12 25.7	1.419	2.346	12.0	20.7
10 8	22 31.68	−12 17.1	1.500	2.355	15.8	21.0

426077 2012 DY_{16} 9 5.5 160°.89 1°.7/ 3.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 25.26	− 7 29.7	1.774	2.617	15.1	22.3
8 9	23 20.51	− 8 21.5	1.703	2.623	11.6	22.1
8 19	23 13.49	− 9 25.3	1.654	2.628	7.5	21.8
8 29	23 4.82	−10 35.1	1.630	2.633	3.3	21.6
9 8	22 55.42	−11 43.7	1.634	2.637	2.5	21.5
9 18	22 46.32	−12 43.8	1.666	2.641	6.6	21.8
9 28	22 38.56	−13 29.7	1.724	2.644	10.7	22.1
10 8	22 32.90	−13 58.5	1.805	2.646	14.2	22.3

487144 2014 OG_{214} 9 5.5 317°.40 3°.9/31.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 18.31	−15 6.7	2.177	3.038	12.0	20.7
8 9	23 14.88	−16 14.0	2.103	3.033	9.2	20.5
8 19	23 9.66	−17 26.4	2.053	3.028	6.2	20.3
8 29	23 3.12	−18 37.7	2.029	3.023	4.0	20.2
9 8	22 55.98	−19 41.3	2.032	3.019	4.7	20.2
9 18	22 49.01	−20 31.6	2.063	3.014	7.4	20.4
9 28	22 43.02	−21 4.8	2.119	3.010	10.4	20.6
10 8	22 38.66	−21 19.3	2.197	3.006	13.1	20.8

310539 2001 CH_{22} 9 5.5 139°.32 5°.6/12.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 24.97	+13 50.7	2.886	3.597	12.9	20.5
8 9	23 19.48	+14 34.4	2.799	3.607	11.1	20.4
8 19	23 12.45	+15 3.3	2.733	3.617	9.0	20.3
8 29	23 4.30	+15 16.0	2.691	3.626	7.0	20.2
9 8	22 55.61	+15 12.7	2.677	3.635	5.7	20.1
9 18	22 47.05	+14 55.3	2.691	3.644	5.9	20.1
9 28	22 39.29	+14 27.0	2.734	3.652	7.3	20.2
10 8	22 32.90	+13 52.2	2.802	3.660	9.2	20.4

377253 2004 CV_{46} 9 5.5 118°.30 1°.7/ 4.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 25.97	− 8 22.8	1.723	2.568	15.4	21.4
8 9	23 21.00	− 9 2.9	1.661	2.582	11.7	21.2
8 19	23 13.76	− 9 53.1	1.621	2.596	7.6	21.0
8 29	23 4.92	−10 47.9	1.606	2.609	3.3	20.7
9 8	22 55.43	−11 40.4	1.618	2.621	2.5	20.7
9 18	22 46.37	−12 24.3	1.657	2.633	6.6	21.0
9 28	22 38.74	−12 54.8	1.723	2.645	10.6	21.3
10 8	22 33.27	−13 9.7	1.812	2.656	14.0	21.5

387972 2005 JP_{50} 9 5.5 127°.62 0°.5/ 6.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 20.50	− 2 11.2	2.017	2.844	14.1	21.6
8 9	23 16.60	− 2 41.3	1.940	2.848	11.0	21.4
8 19	23 10.80	− 3 25.1	1.885	2.852	7.4	21.2
8 29	23 3.63	− 4 19.3	1.856	2.856	3.4	21.0
9 8	22 55.84	− 5 18.6	1.853	2.860	1.0	20.8
9 18	22 48.27	− 6 17.2	1.879	2.863	5.0	21.1
9 28	22 41.78	− 7 9.4	1.931	2.867	8.8	21.3
10 8	22 37.01	− 7 50.8	2.008	2.870	12.1	21.5

24685 1990 FQ 9 5.5 200°.58 6°.0/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 24.96	−22 22.7	2.273	3.126	11.9	19.2
8 9	23 20.00	−23 42.6	2.203	3.121	9.4	19.0
8 19	23 13.05	−25 2.3	2.157	3.116	7.1	18.9
8 29	23 4.63	−26 14.5	2.137	3.111	6.0	18.8
9 8	22 55.53	−27 12.3	2.146	3.105	6.9	18.8
9 18	22 46.64	−27 50.6	2.182	3.098	9.1	19.0
9 28	22 38.86	−28 7.0	2.242	3.090	11.6	19.1
10 8	22 32.88	−28 1.9	2.324	3.082	14.0	19.3

285082 1991 TJ_{15} 9 5.5 258°.34 12°.9/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 41.13	−47 47.9	2.275	3.056	14.1	21.1
8 9	23 33.35	−49 14.5	2.215	3.033	13.3	21.0
8 19	23 22.29	−50 23.6	2.177	3.008	12.9	20.9
8 29	23 8.77	−51 5.0	2.159	2.983	13.2	20.9
9 8	22 54.18	−51 11.3	2.163	2.958	14.1	20.9
9 18	22 40.15	−50 39.8	2.188	2.931	15.3	21.0
9 28	22 28.22	−49 32.6	2.232	2.904	16.8	21.1
10 8	22 19.39	−47 55.5	2.291	2.877	18.1	21.1

375173 2008 DV_{4} 9 5.5 223°.47 1°.6/ 4.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 24.30	− 7 19.0	1.766	2.610	15.1	21.6
8 9	23 19.96	− 8 4.4	1.682	2.602	11.6	21.3
8 19	23 13.29	− 9 2.7	1.619	2.594	7.6	21.1
8 29	23 4.83	−10 8.4	1.581	2.584	3.3	20.8
9 8	22 55.46	−11 14.4	1.571	2.575	2.4	20.7
9 18	22 46.25	−12 13.5	1.588	2.564	6.7	21.0
9 28	22 38.28	−12 59.4	1.631	2.554	11.0	21.2
10 8	22 32.43	−13 28.3	1.697	2.542	14.7	21.4

16470 1990 OM_{2} 9 5.5 7°.85 1°.1/ 5.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 23.27	−10 0.4	0.869	1.767	22.1	16.6
8 9	23 20.74	− 9 29.6	0.819	1.767	17.2	16.3
8 19	23 14.50	− 9 8.9	0.784	1.769	11.4	16.0
8 29	23 5.47	− 8 53.8	0.768	1.773	4.9	15.7
9 8	22 55.29	− 8 38.5	0.773	1.779	2.3	15.6
9 18	22 45.82	− 8 17.8	0.799	1.787	8.6	16.0
9 28	22 38.81	− 7 47.7	0.845	1.797	14.5	16.3
10 8	22 35.28	− 7 6.4	0.908	1.809	19.5	16.7

472415 2015 BB_{259} 9 5.5 99°.73 3°.6/ 8.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 25.50	+ 3 3.3	1.553	2.368	18.1	21.1
8 9	23 21.01	+ 3 20.7	1.482	2.376	14.7	20.9
8 19	23 14.00	+ 3 18.9	1.429	2.383	10.6	20.6
8 29	23 5.12	+ 2 58.9	1.400	2.390	6.3	20.4
9 8	22 55.39	+ 2 24.1	1.396	2.397	3.6	20.3
9 18	22 45.99	+ 1 40.2	1.417	2.403	6.0	20.4
9 28	22 38.09	+ 0 54.4	1.465	2.410	10.2	20.7
10 8	22 32.53	+ 0 13.4	1.535	2.416	14.0	20.9

194866 2002 AN_{42} 9 5.5 316°.10 0°.4/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 18.24	− 2 50.3	1.381	2.239	17.8	20.1
8 9	23 15.99	− 3 11.5	1.291	2.216	14.1	19.8
8 19	23 11.09	− 3 52.1	1.219	2.194	9.6	19.5
8 29	23 4.01	− 4 48.9	1.170	2.172	4.4	19.1
9 8	22 55.71	− 5 55.2	1.144	2.151	1.3	18.8
9 18	22 47.42	− 7 2.4	1.144	2.131	6.9	19.1
9 28	22 40.49	− 8 1.2	1.166	2.111	12.2	19.4
10 8	22 36.01	− 8 44.4	1.210	2.092	16.9	19.6

506854 2007 VG_{30} 9 5.5 7°.68 3°.2/ 3.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 20.72	−11 53.7	0.855	1.759	21.7	20.2
8 9	23 18.81	−11 55.8	0.806	1.759	16.7	20.0
8 19	23 13.23	−12 7.9	0.774	1.761	11.0	19.7
8 29	23 4.92	−12 22.6	0.761	1.765	5.1	19.4
9 8	22 55.48	−12 30.9	0.767	1.771	4.2	19.3
9 18	22 46.75	−12 25.8	0.794	1.779	9.7	19.7
9 28	22 40.44	−12 2.9	0.841	1.788	15.3	20.0
10 8	22 37.52	−11 21.9	0.905	1.800	20.1	20.4

221463 2006 BL_{86} 9 5.5 318°.60 0°.5/ 5.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 21.21	− 4 23.9	1.973	2.808	14.1	20.5
8 9	23 17.35	− 4 22.1	1.881	2.793	11.1	20.3
8 19	23 11.45	− 4 30.8	1.810	2.779	7.5	20.0
8 29	23 4.00	− 4 47.9	1.765	2.766	3.4	19.8
9 8	22 55.75	− 5 9.6	1.746	2.753	1.0	19.6
9 18	22 47.61	− 5 31.5	1.754	2.740	5.2	19.8
9 28	22 40.51	− 5 49.4	1.789	2.727	9.2	20.1
10 8	22 35.22	− 5 59.4	1.848	2.715	12.7	20.3

81631 2000 HD_{77} 9 5.5 128°.91 3°.6/ 1.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 22.13	−14 26.1	2.094	2.948	12.7	19.8
8 9	23 17.79	−15 22.1	2.028	2.954	9.7	19.6
8 19	23 11.55	−16 22.8	1.986	2.961	6.4	19.4
8 29	23 3.96	−17 22.1	1.970	2.966	3.9	19.3
9 8	22 55.80	−18 13.8	1.981	2.972	4.3	19.3
9 18	22 47.92	−18 52.8	2.020	2.978	7.1	19.5
9 28	22 41.17	−19 15.5	2.085	2.983	10.3	19.7
10 8	22 36.19	−19 21.1	2.173	2.988	13.0	19.9

422847 2002 GK_{111} 9 5.5 152°.86 1°.7/ 3.9 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 25.40	− 7 19.4	1.763	2.606	15.2	22.8
8 9	23 20.62	− 8 14.7	1.695	2.614	11.6	22.5
8 19	23 13.58	− 9 22.3	1.648	2.622	7.5	22.3
8 29	23 4.90	−10 36.0	1.626	2.629	3.3	22.1
9 8	22 55.49	−11 48.2	1.632	2.636	2.6	22.0
9 18	22 46.42	−12 51.6	1.666	2.641	6.6	22.3
9 28	22 38.70	−13 40.5	1.727	2.646	10.7	22.6
10 8	22 33.09	−14 11.7	1.810	2.651	14.2	22.8

167303 2003 UJ_{222} 9 5.5 235°.35 6°.9/30.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 27.31	−24 12.3	1.864	2.723	13.8	19.7
8 9	23 22.13	−25 5.5	1.802	2.722	11.0	19.5
8 19	23 14.57	−25 55.6	1.761	2.721	8.4	19.4
8 29	23 5.32	−26 34.6	1.746	2.720	7.0	19.3
9 8	22 55.37	−26 55.6	1.756	2.719	7.8	19.3
9 18	22 45.83	−26 54.5	1.792	2.718	10.2	19.5
9 28	22 37.77	−26 30.3	1.852	2.717	13.0	19.7
10 8	22 31.94	−25 45.0	1.933	2.716	15.6	19.9

433386 2013 SQ_{80} 9 5.5 342°.85 1°.6/ 4.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 22.34	− 9 3.9	1.133	2.013	19.3	20.7
8 9	23 19.54	− 9 5.3	1.064	2.003	15.0	20.4
8 19	23 13.56	− 9 18.5	1.012	1.994	9.9	20.1
8 29	23 5.10	− 9 38.5	0.982	1.986	4.3	19.7
9 8	22 55.41	− 9 58.0	0.974	1.980	2.6	19.6
9 18	22 46.05	−10 9.9	0.989	1.974	8.2	19.9
9 28	22 38.58	−10 8.6	1.026	1.969	13.7	20.2
10 8	22 34.08	− 9 51.2	1.083	1.966	18.4	20.5

516355 2017 BD_{114} 9 5.5 295°.89 6°.9/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 24.61	−26 38.2	2.219	3.073	12.1	20.9
8 9	23 19.79	−27 31.2	2.149	3.064	9.8	20.7
8 19	23 12.93	−28 19.8	2.103	3.055	7.8	20.6
8 29	23 4.59	−28 57.4	2.082	3.045	6.9	20.5
9 8	22 55.61	−29 18.0	2.087	3.036	7.7	20.6
9 18	22 46.90	−29 17.9	2.118	3.027	9.7	20.7
9 28	22 39.39	−28 56.1	2.173	3.018	12.1	20.8
10 8	22 33.77	−28 14.1	2.249	3.009	14.3	21.0

84131 2002 RE_{43} 9 5.5 312°.21 3°.0/ 3.4 18

7 30	23 24.18	−12 59.6	1.618	2.480	15.4	19.1
8 9	23 20.25	−13 16.7	1.526	2.456	11.9	18.8
8 19	23 13.72	−13 40.3	1.455	2.433	8.0	18.5
8 29	23 5.12	−14 4.8	1.408	2.410	4.0	18.2
9 8	22 55.40	−14 23.8	1.387	2.387	3.8	18.2
9 18	22 45.75	−14 31.6	1.392	2.365	7.9	18.3
9 28	22 37.44	−14 24.2	1.421	2.343	12.3	18.5
10 8	22 31.47	−13 59.9	1.472	2.322	16.3	18.7

113121 2002 RM_{81} 9 5.5 316°.98 0°.0/ 5.3 18

7 30	23 19.00	− 4 13.2	1.624	2.475	15.9	19.9
8 9	23 16.12	− 4 35.4	1.535	2.457	12.5	19.6
8 19	23 10.91	− 5 12.8	1.466	2.440	8.3	19.3
8 29	23 3.85	− 6 1.9	1.420	2.423	3.7	19.0
9 8	22 55.82	− 6 56.7	1.399	2.406	1.2	18.8
9 18	22 47.86	− 7 50.3	1.405	2.390	6.2	19.1
9 28	22 41.12	− 8 35.6	1.435	2.374	10.8	19.3
10 8	22 36.48	− 9 7.3	1.488	2.360	15.0	19.6

92245 2000 AY_{149} 9 5.5 344°.33 5°.2/30.6 18

7 30	23 12.80	−13 20.2	1.573	2.457	14.6	17.2
8 9	23 11.39	−15 13.0	1.500	2.444	11.1	16.9
8 19	23 7.77	−17 18.1	1.450	2.432	7.6	16.7
8 29	23 2.45	−19 25.2	1.425	2.420	5.3	16.5
9 8	22 56.29	−21 22.8	1.425	2.410	6.6	16.6
9 18	22 50.28	−23 0.2	1.451	2.401	10.0	16.8
9 28	22 45.49	−24 10.3	1.500	2.394	13.7	17.0
10 8	22 42.73	−24 50.4	1.569	2.387	17.0	17.2

211346 2002 TV_{93} 9 5.5 274°.62 1°.8/ 3.8 18

7 30	23 22.22	− 9 25.2	1.991	2.838	13.5	21.0
8 9	23 18.17	− 9 58.6	1.899	2.821	10.4	20.8
8 19	23 12.03	−10 41.2	1.828	2.804	6.8	20.6
8 29	23 4.29	−11 28.4	1.784	2.786	3.1	20.3
9 8	22 55.70	−12 14.5	1.766	2.769	2.6	20.2
9 18	22 47.20	−12 53.8	1.776	2.751	6.3	20.4
9 28	22 39.75	−13 21.4	1.813	2.733	10.2	20.6
10 8	22 34.14	−13 34.4	1.872	2.715	13.7	20.8

58928 1998 MP_{18} 9 5.5 1°.69 0°.0/ 5.3 18

7 30	23 18.45	− 4 54.8	1.668	2.519	15.5	18.6
8 9	23 15.44	− 5 9.0	1.595	2.518	12.0	18.3
8 19	23 10.26	− 5 35.9	1.543	2.518	8.0	18.1
8 29	23 3.49	− 6 12.1	1.515	2.518	3.5	17.8
9 8	22 55.98	− 6 52.1	1.513	2.519	1.2	17.7
9 18	22 48.74	− 7 29.9	1.536	2.521	5.7	18.0
9 28	22 42.75	− 8 0.0	1.585	2.524	10.0	18.3
10 8	22 38.75	− 8 18.4	1.656	2.528	13.7	18.5

134647 1999 VM_{9} 9 5.5 323°.84 4°.4/ 2.6 18

7 30	23 19.45	−12 42.6	1.127	2.018	18.6	19.1
8 9	23 17.58	−13 22.1	1.047	1.993	14.5	18.8
8 19	23 12.50	−14 13.6	0.985	1.969	9.7	18.5
8 29	23 4.76	−15 9.0	0.944	1.946	5.3	18.2
9 8	22 55.52	−15 57.6	0.925	1.924	5.5	18.1
9 18	22 46.35	−16 29.4	0.928	1.903	10.5	18.3
9 28	22 38.94	−16 37.0	0.952	1.883	15.8	18.5
10 8	22 34.56	−16 18.1	0.993	1.865	20.6	18.8

234078 1999 TO_{12} 9 5.5 358°.05 0°.3/ 5.8 18

7 30	23 11.67	− 2 8.0	1.091	1.972	19.8	19.1
8 9	23 11.19	− 2 39.0	1.027	1.966	15.5	18.8
8 19	23 7.96	− 3 33.9	0.981	1.961	10.4	18.5
8 29	23 2.61	− 4 47.5	0.955	1.959	4.7	18.2
9 8	22 56.27	− 6 10.4	0.951	1.958	1.4	17.9
9 18	22 50.23	− 7 31.2	0.969	1.959	7.2	18.3
9 28	22 45.84	− 8 38.8	1.010	1.962	12.7	18.6
10 8	22 44.03	− 9 25.8	1.069	1.968	17.4	18.9

444241 2005 US_{144} 9 5.5 11°.32 1°.6/ 6.9 18

7 30	23 19.02	− 1 5.2	1.632	2.472	16.3	20.7
8 9	23 15.90	− 1 7.3	1.562	2.475	12.9	20.5
8 19	23 10.57	− 1 25.2	1.512	2.478	8.9	20.3
8 29	23 3.62	− 1 56.3	1.484	2.483	4.5	20.0
9 8	22 55.95	− 2 36.0	1.482	2.488	1.7	19.8
9 18	22 48.57	− 3 18.3	1.506	2.494	5.4	20.1
9 28	22 42.48	− 3 57.1	1.556	2.501	9.6	20.4
10 8	22 38.41	− 4 27.1	1.628	2.509	13.4	20.6

354299 2002 TK_{114} 9 5.6 320°.45 5°.9/10.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 19.34	+ 8 9.7	1.651	2.450	17.9	20.3
8 9	23 16.44	+ 8 44.5	1.556	2.432	15.1	20.0
8 19	23 11.17	+ 8 58.7	1.480	2.415	11.7	19.8
8 29	23 4.01	+ 8 50.4	1.425	2.399	8.3	19.5
9 8	22 55.80	+ 8 20.5	1.394	2.383	6.0	19.4
9 18	22 47.58	+ 7 33.0	1.387	2.368	7.0	19.4
9 28	22 40.54	+ 6 34.8	1.406	2.353	10.3	19.6
10 8	22 35.60	+ 5 34.3	1.447	2.339	14.0	19.7

123446 2000 WQ_{131} 9 5.6 299°.31 0°.6/ 4.9 18

7 30	23 17.26	− 4 11.2	2.019	2.859	13.6	20.3
8 9	23 14.32	− 5 3.2	1.924	2.842	10.6	20.1
8 19	23 9.48	− 6 9.9	1.851	2.824	7.0	19.8
8 29	23 3.17	− 7 27.2	1.803	2.806	3.0	19.5
9 8	22 56.10	− 8 48.8	1.783	2.789	1.5	19.4
9 18	22 49.07	−10 7.7	1.791	2.772	5.6	19.6
9 28	22 42.99	−11 17.0	1.825	2.754	9.6	19.8
10 8	22 38.57	−12 11.7	1.883	2.738	13.1	20.0

54825 2001 NE_{7} 9 5.6 348°.84 2°.1/ 7.6 18

7 30	23 20.20	+ 0 18.0	2.191	3.004	13.6	19.2
8 9	23 16.30	+ 0 30.7	2.104	3.000	10.9	19.0
8 19	23 10.61	+ 0 31.1	2.040	2.997	7.7	18.8
8 29	23 3.61	+ 0 20.6	2.000	2.994	4.3	18.6
9 8	22 55.98	+ 0 1.7	1.988	2.991	2.1	18.4
9 18	22 48.49	− 0 21.9	2.003	2.989	4.5	18.6
9 28	22 41.96	− 0 46.2	2.045	2.987	7.9	18.8
10 8	22 37.02	− 1 7.0	2.112	2.985	11.1	19.0

69216 1108 T-3 9 5.6 13°.53 6°.2/11.7 18 R

7 30	23 18.47	+11 13.9	1.833	2.608	17.2	18.5
8 9	23 15.34	+11 44.0	1.755	2.612	14.6	18.3
8 19	23 10.16	+11 52.4	1.696	2.616	11.5	18.1
8 29	23 3.46	+11 37.9	1.659	2.620	8.5	18.0
9 8	22 56.03	+11 2.0	1.645	2.625	6.4	17.9
9 18	22 48.80	+10 9.0	1.657	2.631	6.8	17.9
9 28	22 42.71	+ 9 5.6	1.695	2.638	9.2	18.1
10 8	22 38.49	+ 7 59.6	1.756	2.645	12.2	18.3

328135 2008 BL_{23} 9 5.6 104°.98 1°.5/ 4.1 17

7 30	23 23.59	− 6 6.1	1.619	2.467	16.1	21.1
8 9	23 19.33	− 7 7.8	1.560	2.482	12.3	20.9
8 19	23 12.77	− 8 23.4	1.522	2.497	7.9	20.7
8 29	23 4.57	− 9 46.4	1.509	2.512	3.4	20.4
9 8	22 55.70	−11 8.0	1.522	2.526	2.4	20.4
9 18	22 47.26	−12 20.4	1.563	2.540	6.7	20.7
9 28	22 40.26	−13 17.0	1.630	2.554	10.9	21.0
10 8	22 35.44	−13 54.5	1.719	2.567	14.4	21.2

447363 2006 AN_{15} 9 5.6 321°.13 1°.7/ 3.7 18

7 30	23 17.66	− 8 14.2	1.981	2.834	13.4	20.7
8 9	23 14.61	− 9 2.1	1.897	2.823	10.2	20.5
8 19	23 9.64	−10 0.8	1.835	2.812	6.7	20.3
8 29	23 3.23	−11 5.4	1.798	2.802	3.0	20.0
9 8	22 56.11	−12 9.6	1.789	2.791	2.5	20.0
9 18	22 49.12	−13 6.9	1.806	2.782	6.2	20.2
9 28	22 43.15	−13 51.9	1.850	2.772	9.9	20.4
10 8	22 38.89	−14 21.3	1.917	2.763	13.2	20.6

45716 2000 GK_{8} 9 5.6 293°.34 0°.0/ 5.5 18

7 30	23 18.99	− 4 44.1	2.304	3.135	12.4	19.0
8 9	23 15.35	− 5 6.8	2.211	3.123	9.7	18.8
8 19	23 9.99	− 5 40.1	2.141	3.111	6.4	18.6
8 29	23 3.36	− 6 20.8	2.096	3.098	2.8	18.4
9 8	22 56.08	− 7 4.8	2.080	3.086	1.0	18.2
9 18	22 48.89	− 7 47.5	2.091	3.074	4.7	18.4
9 28	22 42.57	− 8 24.2	2.130	3.062	8.3	18.6
10 8	22 37.75	− 8 51.3	2.194	3.050	11.4	18.8

261772 2006 BW_{86} 9 5.6 204°.30 0°.8/ 4.5 18

7 30	23 19.68	− 7 13.4	2.676	3.507	10.9	22.0
8 9	23 15.56	− 7 44.8	2.591	3.504	8.4	21.9
8 19	23 9.96	− 8 23.9	2.529	3.501	5.5	21.7
8 29	23 3.29	− 9 7.4	2.494	3.497	2.3	21.5
9 8	22 56.11	− 9 51.3	2.488	3.493	1.4	21.4
9 18	22 49.07	−10 31.6	2.512	3.489	4.5	21.6
9 28	22 42.82	−11 4.6	2.563	3.485	7.5	21.8
10 8	22 37.88	−11 27.8	2.640	3.480	10.2	22.0

186353 2002 FQ_{20} 9 5.6 94°.68 2°.0/ 2.9 18

7 30	23 18.62	− 8 17.9	2.363	3.205	11.8	20.3
8 9	23 14.85	− 9 38.2	2.301	3.221	8.9	20.2
8 19	23 9.52	−11 7.3	2.263	3.238	5.7	20.0
8 29	23 3.08	−12 39.6	2.252	3.254	2.7	19.8
9 8	22 56.19	−14 8.5	2.271	3.271	2.7	19.8
9 18	22 49.55	−15 28.1	2.320	3.287	5.7	20.1
9 28	22 43.83	−16 33.6	2.395	3.302	8.7	20.3
10 8	22 39.56	−17 22.4	2.496	3.318	11.3	20.5

296046 2009 AC_{20} 9 5.6 19°.56 3°.2/ 2.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 20.74	−11 35.7	1.697	2.560	14.7	20.4
8 9	23 17.20	−12 32.7	1.630	2.562	11.2	20.2
8 19	23 11.43	−13 38.5	1.585	2.563	7.4	20.0
8 29	23 4.02	−14 46.3	1.564	2.565	3.8	19.8
9 8	22 55.89	−15 48.3	1.570	2.567	4.1	19.8
9 18	22 48.07	−16 37.5	1.602	2.570	7.7	20.0
9 28	22 41.55	−17 9.1	1.659	2.573	11.4	20.3
10 8	22 37.09	−17 21.1	1.738	2.575	14.8	20.5

449298 2013 EX_{111} 9 5.6 28°.96 3°.4/ 2.2 18

7 30	23 18.89	−12 50.0	1.785	2.651	14.0	20.2
8 9	23 15.56	−13 45.4	1.729	2.662	10.6	20.0
8 19	23 10.21	−14 47.1	1.696	2.674	7.0	19.8
8 29	23 3.44	−15 48.7	1.687	2.687	3.9	19.6
9 8	22 56.11	−16 42.9	1.705	2.700	4.2	19.7
9 18	22 49.13	−17 24.0	1.749	2.713	7.4	19.9
9 28	22 43.41	−17 48.3	1.817	2.727	10.8	20.2
10 8	22 39.58	−17 54.2	1.908	2.742	13.8	20.4

103652 2000 CP_{38} 9 5.6 248°.00 0°.1/ 5.7 18

7 30	23 19.37	− 4 3.0	2.568	3.391	11.6	20.9
8 9	23 15.45	− 4 27.6	2.474	3.381	9.0	20.7
8 19	23 9.97	− 5 2.0	2.403	3.371	6.0	20.5
8 29	23 3.33	− 5 43.7	2.359	3.360	2.7	20.3
9 8	22 56.12	− 6 28.7	2.343	3.349	0.8	20.1
9 18	22 49.00	− 7 12.9	2.355	3.338	4.3	20.4
9 28	22 42.66	− 7 52.0	2.397	3.327	7.5	20.6
10 8	22 37.68	− 8 22.8	2.463	3.316	10.5	20.7

363332 2002 PN_{157} 9 5.6 358°.49 0°.7/ 4.9 18

7 30	23 16.33	− 6 35.7	1.553	2.417	15.8	19.8
8 9	23 14.00	− 6 53.0	1.482	2.413	12.2	19.6
8 19	23 9.43	− 7 22.6	1.431	2.409	8.0	19.4
8 29	23 3.19	− 8 0.3	1.404	2.408	3.4	19.1
9 8	22 56.19	− 8 40.0	1.401	2.407	1.6	18.9
9 18	22 49.45	− 9 15.3	1.423	2.408	6.3	19.3
9 28	22 44.00	− 9 40.8	1.470	2.410	10.6	19.5
10 8	22 40.61	− 9 52.6	1.539	2.413	14.4	19.8

258987 2002 TH_{29} 9 5.6 342°.72 2°.4/ 3.9 18

7 30	23 17.75	− 8 59.4	1.082	1.972	19.3	19.5
8 9	23 16.13	− 9 26.2	1.014	1.959	15.0	19.2
8 19	23 11.41	−10 8.1	0.963	1.947	9.8	18.9
8 29	23 4.23	−10 58.3	0.932	1.937	4.4	18.6
9 8	22 55.83	−11 47.3	0.924	1.928	3.5	18.5
9 18	22 47.69	−12 25.7	0.937	1.920	8.9	18.8
9 28	22 41.38	−12 45.7	0.972	1.914	14.4	19.1
10 8	22 37.99	−12 43.8	1.025	1.910	19.1	19.3

261756 2006 BZ_{33} 9 5.6 82°.89 0°.8/ 6.1 17

7 30	23 27.99	− 3 27.0	1.315	2.161	19.1	20.6
8 9	23 23.25	− 3 26.8	1.255	2.173	15.0	20.4
8 19	23 15.63	− 3 42.9	1.214	2.185	10.1	20.2
8 29	23 5.91	− 4 11.5	1.195	2.197	4.7	19.9
9 8	22 55.34	− 4 46.7	1.202	2.208	1.4	19.7
9 18	22 45.31	− 5 21.4	1.233	2.220	6.6	20.1
9 28	22 37.12	− 5 49.2	1.290	2.232	11.6	20.4
10 8	22 31.66	− 6 5.5	1.367	2.243	15.8	20.7

31145 1997 UK 9 5.6 131°.09 0°.2/ 5.7 18

7 30	23 22.84	− 3 26.5	1.654	2.494	16.1	19.1
8 9	23 18.88	− 3 51.0	1.580	2.495	12.6	18.9
8 19	23 12.59	− 4 30.5	1.526	2.497	8.4	18.7
8 29	23 4.57	− 5 21.1	1.497	2.498	3.8	18.4
9 8	22 55.76	− 6 16.8	1.493	2.500	1.1	18.2
9 18	22 47.21	− 7 10.6	1.517	2.501	5.9	18.6
9 28	22 40.01	− 7 56.1	1.566	2.503	10.3	18.8
10 8	22 34.95	− 8 28.6	1.638	2.504	14.1	19.1

43050 1999 VL_{66} 9 5.6 117°.60 6°.3/30.2 18

7 30	23 26.87	−23 30.2	2.115	2.968	12.6	18.4
8 9	23 21.40	−24 36.9	2.066	2.984	9.9	18.3
8 19	23 13.90	−25 40.6	2.041	2.999	7.5	18.2
8 29	23 5.02	−26 34.1	2.042	3.015	6.3	18.1
9 8	22 55.65	−27 11.2	2.070	3.029	7.0	18.2
9 18	22 46.72	−27 28.2	2.125	3.044	9.2	18.4
9 28	22 39.13	−27 23.9	2.204	3.058	11.6	18.6
10 8	22 33.49	−26 59.9	2.305	3.071	13.9	18.7

474696 2005 EC_{316} 9 5.6 311°.53 2°.2/ 3.7 16

7 30	23 20.86	− 9 33.9	1.644	2.504	15.3	21.3
8 9	23 17.54	−10 9.6	1.560	2.490	11.8	21.1
8 19	23 11.84	−10 56.1	1.497	2.476	7.7	20.8
8 29	23 4.31	−11 48.1	1.459	2.462	3.5	20.5
9 8	22 55.83	−12 38.4	1.446	2.448	3.1	20.5
9 18	22 47.49	−13 20.1	1.459	2.435	7.2	20.7
9 28	22 40.43	−13 47.6	1.497	2.422	11.6	20.9
10 8	22 35.52	−13 57.6	1.556	2.410	15.4	21.1

279131 2009 QU_{39} 9 5.6 343°.26 0°.6/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 21.26	− 4 51.1	1.178	2.047	19.5	20.8
8 9	23 18.62	− 4 41.4	1.105	2.037	15.3	20.5
8 19	23 12.95	− 4 47.4	1.051	2.028	10.4	20.2
8 29	23 4.89	− 5 6.0	1.018	2.021	4.7	19.9
9 8	22 55.64	− 5 31.3	1.007	2.014	1.4	19.6
9 18	22 46.66	− 5 56.4	1.020	2.009	7.2	20.0
9 28	22 39.43	− 6 14.3	1.055	2.004	12.7	20.3
10 8	22 35.03	− 6 19.8	1.110	2.001	17.5	20.6

361435 2007 AY_{8} 9 5.6 169°.78 3°.7/31.9 18

7 30	23 21.12	−16 38.1	2.552	3.402	10.8	21.5
8 9	23 16.76	−17 38.2	2.482	3.405	8.3	21.3
8 19	23 10.79	−18 41.0	2.436	3.407	5.7	21.2
8 29	23 3.68	−19 41.1	2.418	3.409	3.8	21.0
9 8	22 56.07	−20 33.3	2.428	3.411	4.4	21.1
9 18	22 48.65	−21 13.2	2.467	3.412	6.7	21.2
9 28	22 42.14	−21 37.9	2.532	3.413	9.3	21.4
10 8	22 37.09	−21 46.6	2.620	3.414	11.6	21.6

258790 2002 JD_{143} 9 5.6 66°.78 6°.2/29.9 18

7 30	23 22.50	−23 25.0	2.126	2.987	12.3	19.9
8 9	23 18.07	−24 33.3	2.079	3.001	9.7	19.8
8 19	23 11.72	−25 38.8	2.056	3.016	7.3	19.7
8 29	23 4.08	−26 34.5	2.058	3.031	6.2	19.7
9 8	22 55.96	−27 14.4	2.086	3.045	7.0	19.7
9 18	22 48.23	−27 34.6	2.141	3.060	9.1	19.9
9 28	22 41.72	−27 33.9	2.220	3.075	11.5	20.1
10 8	22 37.03	−27 13.4	2.320	3.089	13.7	20.3

324408 2006 SH_{200} 9 5.6 26°.05 3°.3/ 8.1 17

7 30	23 16.81	+ 3 8.5	0.954	1.821	23.1	20.0
8 9	23 15.28	+ 3 1.0	0.910	1.835	18.5	19.8
8 19	23 10.65	+ 2 23.2	0.881	1.851	13.0	19.5
8 29	23 3.78	+ 1 19.0	0.872	1.869	7.3	19.3
9 8	22 56.05	− 0 2.6	0.883	1.888	3.3	19.1
9 18	22 48.96	− 1 29.5	0.916	1.908	7.0	19.4
9 28	22 43.89	− 2 49.1	0.971	1.930	12.3	19.8
10 8	22 41.67	− 3 52.1	1.046	1.952	16.9	20.1

203894 2003 FS_{116} 9 5.6 121°.81 2°.3/ 3.8 17

7 30	23 26.71	− 8 45.6	1.447	2.303	17.2	20.6
8 9	23 22.08	− 9 32.8	1.386	2.313	13.2	20.4
8 19	23 14.78	−10 32.2	1.346	2.323	8.6	20.2
8 29	23 5.54	−11 36.7	1.329	2.332	3.8	19.9
9 8	22 55.49	−12 37.8	1.339	2.341	3.2	19.9
9 18	22 45.91	−13 27.6	1.374	2.350	7.7	20.2
9 28	22 38.01	−14 0.4	1.434	2.358	12.1	20.5
10 8	22 32.63	−14 13.9	1.516	2.366	15.9	20.7

187552 2006 UB_{273} 9 5.6 142°.88 3°.3/ 3.1 17

7 30	23 27.31	−12 45.4	1.607	2.463	15.7	20.7
8 9	23 22.37	−13 20.0	1.540	2.467	12.1	20.5
8 19	23 14.90	−14 1.3	1.494	2.470	8.0	20.3
8 29	23 5.58	−14 43.0	1.473	2.474	4.1	20.1
9 8	22 55.47	−15 17.8	1.478	2.477	4.0	20.1
9 18	22 45.76	−15 40.0	1.510	2.480	7.8	20.3
9 28	22 37.60	−15 45.8	1.567	2.482	11.9	20.6
10 8	22 31.81	−15 34.2	1.646	2.485	15.4	20.8

97094 1999 VZ_{59} 9 5.6 247°.26 0°.1/ 5.7 18

7 30	23 19.82	− 3 54.7	2.465	3.288	12.0	20.5
8 9	23 15.87	− 4 18.2	2.372	3.279	9.3	20.3
8 19	23 10.29	− 4 52.0	2.302	3.269	6.2	20.1
8 29	23 3.51	− 5 33.3	2.259	3.260	2.8	19.8
9 8	22 56.13	− 6 18.3	2.243	3.250	0.8	19.7
9 18	22 48.85	− 7 2.5	2.257	3.240	4.4	19.9
9 28	22 42.39	− 7 41.6	2.298	3.230	7.8	20.1
10 8	22 37.35	− 8 12.1	2.365	3.219	10.8	20.3

232597 2003 UT_{49} 9 5.6 218°.89 4°.2/ 9.5 18

7 30	23 23.59	+ 6 28.8	2.148	2.927	14.9	20.7
8 9	23 19.05	+ 6 49.2	2.055	2.921	12.3	20.5
8 19	23 12.55	+ 6 53.6	1.982	2.916	9.3	20.3
8 29	23 4.55	+ 6 41.5	1.934	2.910	6.2	20.1
9 8	22 55.79	+ 6 14.7	1.912	2.904	4.2	20.0
9 18	22 47.13	+ 5 36.8	1.918	2.898	5.4	20.1
9 28	22 39.46	+ 4 53.0	1.951	2.891	8.4	20.2
10 8	22 33.51	+ 4 8.9	2.010	2.884	11.5	20.4

41688 2000 UV_{18} 9 5.6 15°.84 3°.3/ 2.9 18

7 30	23 23.94	−14 35.0	1.836	2.694	14.0	18.7
8 9	23 19.46	−14 57.8	1.769	2.696	10.7	18.5
8 19	23 12.82	−15 24.5	1.724	2.699	7.1	18.3
8 29	23 4.63	−15 49.5	1.704	2.703	3.9	18.1
9 8	22 55.80	−16 7.3	1.710	2.706	4.0	18.1
9 18	22 47.32	−16 13.8	1.744	2.711	7.2	18.3
9 28	22 40.16	−16 6.1	1.802	2.715	10.7	18.5
10 8	22 35.03	−15 43.8	1.884	2.720	13.9	18.7

234293 2000 YA_{19} 9 5.6 170°.40 5°.3/11.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 23.51	+10 49.9	2.200	2.953	15.3	20.7
8 9	23 18.91	+11 10.5	2.113	2.956	12.9	20.5
8 19	23 12.40	+11 12.5	2.045	2.959	10.1	20.4
8 29	23 4.46	+10 55.0	2.000	2.961	7.3	20.2
9 8	22 55.84	+10 19.6	1.982	2.963	5.5	20.1
9 18	22 47.36	+ 9 29.8	1.992	2.964	6.0	20.1
9 28	22 39.88	+ 8 31.3	2.028	2.965	8.3	20.3
10 8	22 34.11	+ 7 30.6	2.091	2.965	11.1	20.5

178800 2001 EB_{8} 9 5.6 166°.34 0°.9/ 4.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 24.96	− 5 39.7	1.937	2.770	14.4	21.0
8 9	23 20.16	− 6 25.6	1.861	2.775	11.1	20.8
8 19	23 13.27	− 7 23.9	1.808	2.780	7.3	20.5
8 29	23 4.85	− 8 29.7	1.781	2.784	3.1	20.3
9 8	22 55.73	− 9 36.5	1.782	2.787	1.7	20.2
9 18	22 46.86	−10 37.9	1.811	2.790	5.8	20.5
9 28	22 39.20	−11 28.1	1.868	2.792	9.7	20.7
10 8	22 33.46	−12 3.6	1.948	2.793	13.1	20.9

401608 2013 GD_{30} 9 5.6 83°.89 2°.0/ 3.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 22.62	−11 27.7	2.230	3.075	12.3	21.0
8 9	23 18.03	−11 53.8	2.161	3.083	9.4	20.8
8 19	23 11.68	−12 25.2	2.116	3.091	6.1	20.7
8 29	23 4.09	−12 57.8	2.097	3.098	2.9	20.5
9 8	22 55.99	−13 26.8	2.106	3.106	2.6	20.5
9 18	22 48.17	−13 48.3	2.143	3.114	5.7	20.7
9 28	22 41.41	−13 59.1	2.207	3.122	8.9	20.9
10 8	22 36.29	−13 57.9	2.295	3.130	11.8	21.1

337127 1999 TL_{70} 9 5.6 10°.96 7°.9/ 1.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 27.45	−23 9.7	1.224	2.107	18.0	19.5
8 9	23 23.16	−23 38.8	1.174	2.110	14.2	19.3
8 19	23 15.68	−24 3.2	1.143	2.114	10.5	19.1
8 29	23 5.95	−24 13.3	1.133	2.119	8.0	19.0
9 8	22 55.42	−24 1.4	1.147	2.126	8.7	19.0
9 18	22 45.65	−23 23.9	1.183	2.134	11.7	19.2
9 28	22 38.03	−22 21.7	1.242	2.143	15.4	19.5
10 8	22 33.41	−20 59.2	1.319	2.154	18.8	19.7

53890 2000 FR_{41} 9 5.6 29°.21 8°.0/31.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 22.87	−18 23.7	0.891	1.797	20.9	16.8
8 9	23 20.26	−19 36.8	0.858	1.809	16.1	16.6
8 19	23 14.03	−20 51.9	0.841	1.823	11.4	16.4
8 29	23 5.26	−21 55.2	0.845	1.839	8.2	16.3
9 8	22 55.66	−22 34.2	0.869	1.856	9.2	16.5
9 18	22 47.03	−22 42.0	0.913	1.874	13.0	16.7
9 28	22 40.89	−22 17.6	0.977	1.892	17.2	17.0
10 8	22 38.05	−21 25.4	1.058	1.912	21.0	17.4

301383 2009 DL_{7} 9 5.6 124°.43 0°.7/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 23.20	− 6 59.4	1.951	2.791	14.0	20.7
8 9	23 18.81	− 7 17.2	1.875	2.792	10.8	20.5
8 19	23 12.38	− 7 44.5	1.820	2.793	7.1	20.3
8 29	23 4.46	− 8 17.8	1.791	2.794	3.0	20.0
9 8	22 55.87	− 8 52.0	1.789	2.795	1.5	19.9
9 18	22 47.53	− 9 22.3	1.815	2.795	5.5	20.2
9 28	22 40.34	− 9 44.1	1.867	2.796	9.4	20.4
10 8	22 35.02	− 9 54.8	1.943	2.797	12.8	20.6

282771 2006 JF_{26} 9 5.6 75°.12 6°.5/12.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 22.54	+12 30.6	1.819	2.581	17.8	20.1
8 9	23 18.44	+12 58.4	1.749	2.595	15.1	19.9
8 19	23 12.19	+13 3.0	1.698	2.609	12.0	19.8
8 29	23 4.39	+12 43.3	1.667	2.624	8.9	19.6
9 8	22 55.91	+12 1.3	1.662	2.638	6.8	19.5
9 18	22 47.71	+11 1.5	1.682	2.653	7.0	19.6
9 28	22 40.78	+ 9 51.4	1.728	2.667	9.3	19.7
10 8	22 35.83	+ 8 39.0	1.798	2.681	12.2	19.9

289762 2005 JN_{75} 9 5.6 91°.89 5°.1/31.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 22.67	−17 58.7	1.965	2.826	13.1	20.5
8 9	23 18.32	−19 16.5	1.914	2.842	10.0	20.3
8 19	23 11.98	−20 36.1	1.886	2.857	7.1	20.2
8 29	23 4.24	−21 50.1	1.885	2.872	5.2	20.1
9 8	22 55.97	−22 51.0	1.910	2.888	6.0	20.2
9 18	22 48.09	−23 33.8	1.963	2.903	8.5	20.4
9 28	22 41.46	−23 55.6	2.040	2.917	11.4	20.6
10 8	22 36.72	−23 56.7	2.138	2.932	13.9	20.8

511495 2014 OQ_{34} 9 5.6 128°.28 1°.1/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 22.83	− 1 29.4	2.636	3.440	11.8	22.1
8 9	23 17.91	− 1 32.0	2.559	3.452	9.3	21.9
8 19	23 11.48	− 1 44.3	2.505	3.463	6.3	21.8
8 29	23 3.99	− 2 4.5	2.478	3.474	3.2	21.6
9 8	22 56.05	− 2 29.7	2.479	3.485	1.2	21.5
9 18	22 48.32	− 2 56.6	2.510	3.495	3.9	21.7
9 28	22 41.46	− 3 21.7	2.570	3.505	6.9	21.9
10 8	22 36.00	− 3 41.9	2.656	3.514	9.6	22.1

394542 2007 UH_{35} 9 5.6 298°.09 2°.8/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 20.06	−10 25.5	1.759	2.619	14.4	20.8
8 9	23 16.78	−11 21.4	1.677	2.606	11.1	20.6
8 19	23 11.27	−12 27.9	1.616	2.595	7.3	20.3
8 29	23 4.06	−13 39.0	1.581	2.583	3.6	20.1
9 8	22 56.01	−14 46.8	1.572	2.571	3.7	20.1
9 18	22 48.09	−15 44.0	1.589	2.559	7.5	20.3
9 28	22 41.36	−16 24.7	1.632	2.548	11.4	20.5
10 8	22 36.63	−16 46.0	1.696	2.537	15.0	20.7

442587 2012 BP_{151} 9 5.6 260°.14 0°.0/ 5.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 21.47	− 5 9.5	2.329	3.156	12.5	21.6
8 9	23 17.24	− 5 23.2	2.238	3.147	9.7	21.4
8 19	23 11.26	− 5 46.4	2.169	3.137	6.4	21.2
8 29	23 3.97	− 6 16.2	2.126	3.128	2.8	20.9
9 8	22 56.05	− 6 48.9	2.111	3.118	0.9	20.7
9 18	22 48.23	− 7 20.3	2.125	3.108	4.7	21.0
9 28	22 41.31	− 7 46.4	2.167	3.098	8.2	21.2
10 8	22 35.93	− 8 3.9	2.233	3.088	11.3	21.4

301936 2000 AH_{97} 9 5.6 319°.13 10°.4/ 7.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 36.94	+ 6 58.4	1.487	2.267	20.4	18.9
8 9	23 31.45	+ 9 25.7	1.363	2.223	17.8	18.5
8 19	23 22.27	+11 50.7	1.258	2.178	14.7	18.2
8 29	23 9.53	+14 6.3	1.177	2.133	11.7	17.9
9 8	22 54.06	+16 4.1	1.121	2.089	10.4	17.7
9 18	22 37.38	+17 36.2	1.091	2.046	12.1	17.7
9 28	22 21.57	+18 39.8	1.087	2.003	15.9	17.8
10 8	22 8.56	+19 19.0	1.105	1.961	20.2	17.9

357892 2005 UQ_{519} 9 5.6 26°.70 0°.8/ 6.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 17.22	+ 0 0.0	1.961	2.788	14.5	20.6
8 9	23 14.21	− 0 48.2	1.884	2.791	11.3	20.4
8 19	23 9.35	− 1 53.4	1.829	2.794	7.7	20.2
8 29	23 3.15	− 3 11.7	1.798	2.798	3.7	20.0
9 8	22 56.32	− 4 36.9	1.795	2.801	1.0	19.8
9 18	22 49.70	− 6 2.0	1.819	2.805	4.9	20.1
9 28	22 44.11	− 7 19.8	1.871	2.809	8.8	20.3
10 8	22 40.19	− 8 24.7	1.947	2.814	12.2	20.5

71203 1999 XK_{242} 9 5.6 284°.88 3°.9/ 2.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 25.84	−15 34.5	1.817	2.674	14.2	19.1
8 9	23 21.13	−16 4.2	1.738	2.665	11.0	18.9
8 19	23 14.07	−16 37.6	1.682	2.656	7.4	18.7
8 29	23 5.27	−17 8.8	1.650	2.647	4.4	18.5
9 8	22 55.64	−17 31.6	1.645	2.639	4.6	18.5
9 18	22 46.27	−17 40.9	1.667	2.630	7.9	18.7
9 28	22 38.21	−17 33.8	1.714	2.621	11.5	18.9
10 8	22 32.30	−17 9.8	1.784	2.613	14.8	19.1

148864 2001 VP_{72} 9 5.6 142°.17 0°.1/ 5.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 25.07	− 4 32.4	1.927	2.756	14.6	20.5
8 9	23 20.21	− 4 58.1	1.855	2.765	11.3	20.3
8 19	23 13.29	− 5 35.7	1.805	2.774	7.5	20.1
8 29	23 4.87	− 6 21.5	1.780	2.782	3.3	19.9
9 8	22 55.80	− 7 10.1	1.783	2.790	1.1	19.7
9 18	22 47.04	− 7 55.8	1.814	2.797	5.4	20.1
9 28	22 39.49	− 8 33.6	1.873	2.803	9.3	20.3
10 8	22 33.87	− 8 59.9	1.955	2.809	12.7	20.5

61835 2000 QX_{196} 9 5.6 321°.34 0°.1/ 5.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 20.28	− 4 12.2	1.915	2.753	14.3	19.6
8 9	23 16.69	− 4 30.3	1.831	2.746	11.2	19.4
8 19	23 11.08	− 5 0.8	1.769	2.739	7.5	19.2
8 29	23 3.95	− 5 40.4	1.731	2.733	3.3	18.9
9 8	22 56.09	− 6 24.3	1.720	2.727	1.0	18.7
9 18	22 48.39	− 7 7.1	1.737	2.722	5.3	19.0
9 28	22 41.78	− 7 43.2	1.780	2.716	9.3	19.2
10 8	22 36.98	− 8 8.8	1.846	2.711	12.8	19.5

286947 2002 PA_{169} 9 5.6 327°.41 1°.3/ 6.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 21.71	− 3 33.1	1.492	2.341	17.1	20.3
8 9	23 18.50	− 3 16.8	1.404	2.323	13.6	20.1
8 19	23 12.69	− 3 13.8	1.335	2.305	9.4	19.8
8 29	23 4.81	− 3 22.3	1.288	2.288	4.6	19.4
9 8	22 55.80	− 3 38.4	1.266	2.272	1.5	19.2
9 18	22 46.86	− 3 57.2	1.269	2.257	6.2	19.5
9 28	22 39.27	− 4 12.7	1.296	2.242	11.1	19.7
10 8	22 34.04	− 4 20.2	1.346	2.229	15.5	19.9

7008 Pavlov 9 5.6 301°.96 0°.3/ 5.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 19.94	− 3 7.6	1.705	2.547	15.6	17.5
8 9	23 16.90	− 3 31.1	1.604	2.521	12.4	17.3
8 19	23 11.53	− 4 10.7	1.524	2.496	8.4	17.0
8 29	23 4.28	− 5 3.5	1.468	2.470	3.8	16.7
9 8	22 55.96	− 6 3.9	1.438	2.444	1.1	16.4
9 18	22 47.59	− 7 5.0	1.433	2.419	6.0	16.7
9 28	22 40.32	− 7 59.3	1.455	2.394	10.7	16.9
10 8	22 35.10	− 8 40.7	1.499	2.369	15.0	17.1

454491 2014 ON_{141} 9 5.6 27.°76 3.°9/ 1.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 18.70	−14 56.0	2.074	2.936	12.5	21.2
8 9	23 15.27	−16 4.0	2.010	2.940	9.5	21.0
8 19	23 10.01	−17 16.8	1.968	2.944	6.4	20.8
8 29	23 3.43	−18 28.0	1.953	2.948	4.1	20.7
9 8	22 56.28	−19 30.9	1.965	2.953	4.7	20.7
9 18	22 49.37	−20 19.8	2.004	2.957	7.5	20.9
9 28	22 43.53	−20 51.0	2.069	2.962	10.5	21.1
10 8	22 39.37	−21 3.3	2.155	2.967	13.2	21.3

293548 2007 HB_{27} 9 5.6 201.°55 1.°4/ 4.0 18

7 30	23 19.46	− 8 37.6	2.441	3.280	11.6	21.3
8 9	23 15.57	− 9 14.5	2.361	3.279	8.8	21.1
8 19	23 10.08	− 9 59.0	2.305	3.278	5.7	20.9
8 29	23 3.44	−10 47.3	2.275	3.278	2.5	20.7
9 8	22 56.28	−11 34.6	2.274	3.277	2.0	20.7
9 18	22 49.28	−12 16.5	2.301	3.276	5.1	20.9
9 28	22 43.14	−12 49.1	2.356	3.275	8.2	21.1
10 8	22 38.45	−13 9.9	2.435	3.274	11.0	21.3

68973 2002 RW_{106} 9 5.6 311.°69 6.°5/30.8 18

7 30	23 23.07	−21 0.9	1.714	2.584	14.3	18.4
8 9	23 19.27	−22 1.3	1.638	2.569	11.3	18.2
8 19	23 13.01	−23 2.7	1.585	2.554	8.3	18.0
8 29	23 4.87	−23 56.9	1.555	2.539	6.6	17.9
9 8	22 55.82	−24 35.6	1.550	2.524	7.5	17.9
9 18	22 46.99	−24 52.7	1.571	2.510	10.3	18.0
9 28	22 39.53	−24 45.3	1.615	2.496	13.6	18.2
10 8	22 34.31	−24 14.3	1.679	2.483	16.7	18.4

112168 2002 JR_{81} 9 5.6 6.°88 4.°0/ 3.3 18

7 30	23 24.31	−13 23.9	1.070	1.958	19.6	18.8
8 9	23 21.13	−13 44.2	1.014	1.957	15.1	18.5
8 19	23 14.63	−14 12.2	0.976	1.958	10.0	18.3
8 29	23 5.64	−14 39.9	0.958	1.961	5.2	18.0
9 8	22 55.61	−14 58.5	0.963	1.964	4.9	18.0
9 18	22 46.16	−15 1.0	0.991	1.968	9.6	18.3
9 28	22 38.83	−14 43.8	1.040	1.973	14.6	18.6
10 8	22 34.61	−14 6.9	1.108	1.980	19.0	18.9

260239 2004 RM_{309} 9 5.6 340.°65 2.°4/ 7.8 18

7 30	23 22.13	+ 0 52.7	2.106	2.915	14.2	20.2
8 9	23 17.91	+ 1 8.8	2.020	2.912	11.4	20.0
8 19	23 11.79	+ 1 12.2	1.955	2.909	8.1	19.8
8 29	23 4.25	+ 1 3.6	1.915	2.907	4.6	19.6
9 8	22 56.04	+ 0 45.8	1.902	2.905	2.4	19.5
9 18	22 47.97	+ 0 22.3	1.917	2.903	4.7	19.6
9 28	22 40.93	− 0 2.5	1.959	2.901	8.2	19.8
10 8	22 35.58	− 0 24.3	2.026	2.899	11.5	20.1

46157 2001 FZ_{72} 9 5.6 153.°01 2.°9/ 2.7 18

7 30	23 22.32	−11 50.2	1.925	2.779	13.6	19.3
8 9	23 18.19	−12 42.4	1.855	2.781	10.4	19.1
8 19	23 12.02	−13 42.0	1.807	2.783	6.8	18.9
8 29	23 4.35	−14 43.1	1.785	2.785	3.6	18.7
9 8	22 56.02	−15 38.9	1.789	2.787	3.7	18.7
9 18	22 47.95	−16 23.5	1.822	2.788	7.0	18.9
9 28	22 41.07	−16 52.6	1.880	2.789	10.5	19.2
10 8	22 36.06	−17 4.3	1.961	2.791	13.7	19.4

46746 1998 BX_{24} 9 5.6 132.°93 0.°6/ 4.9 18

7 30	23 23.12	− 4 56.7	2.109	2.938	13.5	19.8
8 9	23 18.53	− 5 44.1	2.041	2.952	10.4	19.7
8 19	23 12.09	− 6 43.0	1.994	2.965	6.8	19.5
8 29	23 4.34	− 7 49.0	1.975	2.977	2.9	19.2
9 8	22 56.05	− 8 56.0	1.983	2.989	1.4	19.2
9 18	22 48.04	− 9 58.3	2.021	3.000	5.2	19.4
9 28	22 41.12	−10 50.6	2.086	3.011	8.8	19.7
10 8	22 35.92	−11 29.4	2.176	3.021	11.9	19.9

312035 2007 RL_{153} 9 5.6 81.°76 1.°5/ 6.7 17

7 30	23 27.94	− 1 26.3	1.305	2.145	19.6	21.1
8 9	23 23.19	− 1 28.5	1.249	2.162	15.4	20.9
8 19	23 15.60	− 1 49.2	1.212	2.179	10.5	20.7
8 29	23 5.98	− 2 25.1	1.197	2.196	5.1	20.4
9 8	22 55.56	− 3 9.7	1.206	2.213	1.7	20.2
9 18	22 45.73	− 3 55.7	1.242	2.229	6.4	20.6
9 28	22 37.76	− 4 35.6	1.301	2.245	11.3	20.9
10 8	22 32.49	− 5 4.0	1.383	2.261	15.5	21.2

511708 2015 CF_{44} 9 5.6 175.°36 0.°3/ 5.9 17

7 30	23 24.86	− 3 3.2	1.845	2.672	15.2	22.4
8 9	23 20.25	− 3 29.2	1.766	2.675	11.9	22.2
8 19	23 13.45	− 4 9.4	1.709	2.676	8.0	22.0
8 29	23 5.02	− 5 0.1	1.676	2.678	3.6	21.7
9 8	22 55.84	− 5 55.7	1.671	2.678	1.0	21.5
9 18	22 46.88	− 6 50.1	1.694	2.678	5.5	21.8
9 28	22 39.16	− 7 37.2	1.744	2.678	9.6	22.1
10 8	22 33.43	− 8 12.4	1.818	2.677	13.3	22.3

388932 2008 SF_{193} 9 5.6 254.°04 3.°1/ 2.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 22.97	−11 54.8	1.869	2.724	14.0	21.6
8 9	23 18.91	−12 45.3	1.787	2.713	10.7	21.4
8 19	23 12.65	−13 44.1	1.726	2.702	7.1	21.2
8 29	23 4.70	−14 45.3	1.691	2.691	3.7	20.9
9 8	22 55.93	−15 41.8	1.683	2.680	3.9	20.9
9 18	22 47.30	−16 27.0	1.701	2.668	7.4	21.1
9 28	22 39.85	−16 56.2	1.746	2.656	11.1	21.3
10 8	22 34.38	−17 7.1	1.813	2.645	14.5	21.5

350050 2010 PP_{5} 9 5.6 267.°70 1.°1/ 4.4 18

7 30	23 20.16	− 6 4.3	1.865	2.710	14.4	21.2
8 9	23 16.65	− 6 53.0	1.786	2.707	11.1	21.0
8 19	23 11.09	− 7 54.8	1.729	2.704	7.2	20.8
8 29	23 3.99	− 9 4.5	1.698	2.701	3.1	20.5
9 8	22 56.17	−10 15.4	1.693	2.698	2.0	20.4
9 18	22 48.53	−11 20.7	1.716	2.695	6.0	20.7
9 28	22 42.01	−12 14.0	1.765	2.692	10.0	20.9
10 8	22 37.36	−12 51.5	1.837	2.688	13.5	21.1

430960 2005 VH_{39} 9 5.6 323.°98 5.°7/ 1.5 18

7 30	23 23.25	−16 44.7	1.345	2.225	16.8	20.6
8 9	23 19.97	−17 34.4	1.273	2.212	13.1	20.3
8 19	23 13.78	−18 29.7	1.221	2.199	9.1	20.1
8 29	23 5.32	−19 21.5	1.192	2.187	6.0	19.9
9 8	22 55.75	−20 0.2	1.186	2.176	6.7	19.9
9 18	22 46.45	−20 18.4	1.204	2.165	10.4	20.0
9 28	22 38.85	−20 11.9	1.245	2.155	14.7	20.3
10 8	22 33.94	−19 41.0	1.305	2.146	18.5	20.5

147120 2002 TG_{97} 9 5.6 35.°28 0.°3/ 5.4 17

7 30	23 21.55	− 4 20.7	1.074	1.948	20.6	20.1
8 9	23 18.67	− 4 47.4	1.030	1.964	15.9	19.9
8 19	23 12.78	− 5 33.1	1.003	1.982	10.4	19.7
8 29	23 4.77	− 6 31.4	0.997	2.001	4.5	19.4
9 8	22 55.98	− 7 32.8	1.014	2.020	1.6	19.3
9 18	22 47.88	− 8 27.8	1.054	2.041	7.4	19.7
9 28	22 41.77	− 9 8.4	1.117	2.062	12.5	20.1
10 8	22 38.45	− 9 30.4	1.199	2.084	16.9	20.4

320478 2007 VC_{320} 9 5.6 358.°40 1.°5/ 6.3 18

7 30	23 23.65	− 4 45.0	1.005	1.881	21.5	19.8
8 9	23 20.87	− 4 9.3	0.943	1.878	17.0	19.5
8 19	23 14.66	− 3 49.1	0.897	1.875	11.6	19.2
8 29	23 5.77	− 3 42.3	0.871	1.873	5.6	18.9
9 8	22 55.62	− 3 44.3	0.867	1.873	1.8	18.7
9 18	22 45.90	− 3 49.3	0.884	1.875	7.6	19.0
9 28	22 38.30	− 3 50.8	0.923	1.877	13.4	19.4
10 8	22 33.92	− 3 43.4	0.981	1.881	18.4	19.7

295229 2008 GW_{9} 9 5.6 184.°26 1.°2/ 4.5 17

7 30	23 24.74	− 6 49.4	1.825	2.666	14.8	22.2
8 9	23 20.20	− 7 29.8	1.748	2.666	11.4	21.9
8 19	23 13.45	− 8 22.1	1.693	2.666	7.5	21.7
8 29	23 5.04	− 9 21.3	1.663	2.666	3.2	21.5
9 8	22 55.86	−10 21.0	1.660	2.664	2.0	21.4
9 18	22 46.92	−11 14.4	1.685	2.663	6.2	21.6
9 28	22 39.22	−11 56.1	1.736	2.661	10.3	21.9
10 8	22 33.55	−12 22.5	1.811	2.658	13.9	22.1

474198 2000 CH_{55} 9 5.6 244.°69 1.°8/ 3.9 18

7 30	23 26.52	−10 59.0	2.244	3.079	12.6	21.6
8 9	23 21.29	−11 17.3	2.148	3.064	9.7	21.4
8 19	23 14.06	−11 41.4	2.076	3.048	6.4	21.2
8 29	23 5.30	−12 7.5	2.030	3.032	3.0	21.0
9 8	22 55.77	−12 31.1	2.013	3.015	2.4	20.9
9 18	22 46.34	−12 47.9	2.025	2.998	5.8	21.1
9 28	22 37.91	−12 54.6	2.065	2.981	9.4	21.3
10 8	22 31.22	−12 49.4	2.129	2.963	12.6	21.4

91685 1999 TT_{126} 9 5.6 3.°47 0.°8/ 4.9 18

7 30	23 21.87	− 7 39.0	1.890	2.736	14.2	19.2
8 9	23 17.88	− 7 50.1	1.815	2.736	10.9	19.0
8 19	23 11.84	− 8 10.1	1.762	2.736	7.2	18.7
8 29	23 4.31	− 8 35.5	1.734	2.737	3.1	18.5
9 8	22 56.11	− 9 1.4	1.732	2.738	1.6	18.4
9 18	22 48.15	− 9 23.3	1.758	2.739	5.6	18.7
9 28	22 41.37	− 9 37.1	1.809	2.741	9.5	18.9
10 8	22 36.47	− 9 39.9	1.884	2.743	12.9	19.1

339405 2005 CN_{24} 9 5.6 280.°79 6.°0/30.1 18

7 30	23 21.64	−18 14.1	1.853	2.719	13.5	20.7
8 9	23 18.15	−19 47.8	1.764	2.694	10.6	20.5
8 19	23 12.34	−21 28.2	1.698	2.669	7.7	20.2
8 29	23 4.67	−23 6.5	1.659	2.644	6.0	20.1
9 8	22 55.96	−24 33.0	1.645	2.618	7.2	20.1
9 18	22 47.26	−25 39.5	1.658	2.593	10.2	20.2
9 28	22 39.69	−26 20.4	1.695	2.566	13.6	20.4
10 8	22 34.16	−26 34.5	1.752	2.540	16.7	20.5

133539 2003 TF_{11} 9 5.6 325.°79 4.°4/ 2.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 18.49	−11 26.9	1.134	2.024	18.6	19.4
8 9	23 16.75	−12 26.8	1.061	2.007	14.4	19.1
8 19	23 11.93	−13 41.7	1.007	1.991	9.5	18.7
8 29	23 4.61	−15 2.6	0.973	1.975	5.1	18.4
9 8	22 55.98	−16 17.4	0.962	1.961	5.6	18.4
9 18	22 47.52	−17 14.7	0.974	1.947	10.4	18.7
9 28	22 40.81	−17 46.4	1.006	1.935	15.5	18.9
10 8	22 37.00	−17 49.3	1.057	1.923	20.1	19.1

257398 2009 SY_{246} 9 5.6 259.°30 1.°7/ 9.1 16

7 30	23 12.85	+ 4 27.8	4.595	5.365	7.6	21.2
8 9	23 9.83	+ 4 18.7	4.495	5.360	6.2	21.1
8 19	23 6.01	+ 4 1.7	4.418	5.355	4.5	21.0
8 29	23 1.62	+ 3 37.7	4.368	5.349	2.8	20.8
9 8	22 56.98	+ 3 8.1	4.347	5.344	1.7	20.7
9 18	22 52.38	+ 2 34.9	4.356	5.338	2.5	20.8
9 28	22 48.17	+ 2 0.2	4.394	5.333	4.1	20.9
10 8	22 44.63	+ 1 26.4	4.460	5.328	5.8	21.0

378053 2006 TC_{60} 9 5.6 351.°10 5.°3/ 2.3 15

7 30	23 25.97	−16 26.6	1.230	2.111	18.0	20.9
8 9	23 22.17	−16 59.4	1.168	2.107	14.0	20.7
8 19	23 15.25	−17 36.6	1.124	2.103	9.6	20.4
8 29	23 5.95	−18 9.4	1.103	2.101	5.9	20.2
9 8	22 55.61	−18 28.8	1.105	2.099	6.2	20.2
9 18	22 45.76	−18 28.6	1.130	2.097	10.2	20.4
9 28	22 37.85	−18 5.8	1.178	2.097	14.6	20.7
10 8	22 32.87	−17 21.6	1.245	2.097	18.6	20.9

152426 2005 UW_{396} 9 5.6 295.°10 2.°2/ 3.2 18

7 30	23 18.80	− 9 29.6	2.049	2.900	13.0	20.5
8 9	23 15.51	−10 25.0	1.963	2.889	10.0	20.3
8 19	23 10.31	−11 30.4	1.900	2.877	6.5	20.1
8 29	23 3.68	−12 40.6	1.863	2.866	3.1	19.8
9 8	22 56.33	−13 48.9	1.854	2.854	3.0	19.8
9 18	22 49.09	−14 48.9	1.872	2.843	6.4	20.0
9 28	22 42.84	−15 35.4	1.916	2.832	10.0	20.2
10 8	22 38.28	−16 5.1	1.983	2.821	13.2	20.4

181617 2006 WL_{141} 9 5.6 128.°40 2.°8/ 8.7 18

7 30	23 19.47	+ 4 38.8	2.167	2.963	14.3	20.6
8 9	23 15.81	+ 4 23.9	2.084	2.965	11.6	20.5
8 19	23 10.39	+ 3 52.0	2.021	2.968	8.4	20.3
8 29	23 3.67	+ 3 4.7	1.983	2.970	5.0	20.1
9 8	22 56.35	+ 2 5.8	1.972	2.973	2.8	19.9
9 18	22 49.20	+ 1 0.2	1.989	2.975	4.6	20.1
9 28	22 43.00	− 0 5.7	2.034	2.978	7.9	20.3
10 8	22 38.39	− 1 6.3	2.104	2.980	11.0	20.5

484934 2009 SA_{150} 9 5.6 351.°07 1.°4/ 4.6 18

7 30	23 22.92	−10 20.2	1.627	2.487	15.5	19.8
8 9	23 19.09	−10 12.5	1.551	2.479	12.0	19.5
8 19	23 12.86	−10 11.4	1.494	2.471	7.9	19.3
8 29	23 4.84	−10 13.1	1.462	2.465	3.5	19.0
9 8	22 55.98	−10 13.2	1.455	2.460	2.1	18.9
9 18	22 47.39	−10 7.5	1.475	2.457	6.5	19.2
9 28	22 40.17	− 9 52.8	1.519	2.454	10.8	19.4
10 8	22 35.15	− 9 27.4	1.586	2.452	14.5	19.7

224728 2006 BF_{263} 9 5.6 303.°14 0.°2/ 5.5 18

7 30	23 25.63	− 7 28.5	2.197	3.027	13.0	19.8
8 9	23 20.58	− 7 16.6	2.105	3.015	10.1	19.6
8 19	23 13.58	− 7 11.4	2.035	3.004	6.8	19.3
8 29	23 5.11	− 7 10.3	1.992	2.993	3.0	19.1
9 8	22 55.91	− 7 10.5	1.976	2.983	1.0	18.9
9 18	22 46.84	− 7 8.7	1.990	2.972	5.0	19.2
9 28	22 38.80	− 7 2.3	2.031	2.962	8.7	19.4
10 8	22 32.49	− 6 49.0	2.097	2.951	11.9	19.6

138421 2000 HJ_{59} 9 5.6 66.°46 3.°2/ 3.3 17

7 30	23 27.88	−12 27.6	1.445	2.307	16.9	19.7
8 9	23 22.86	−13 0.0	1.396	2.325	12.9	19.5
8 19	23 15.22	−13 39.2	1.367	2.344	8.4	19.3
8 29	23 5.79	−14 18.2	1.362	2.364	4.2	19.1
9 8	22 55.74	−14 49.7	1.383	2.383	4.0	19.2
9 18	22 46.33	−15 8.1	1.430	2.402	7.9	19.4
9 28	22 38.69	−15 10.0	1.502	2.421	12.0	19.7
10 8	22 33.57	−14 55.2	1.594	2.440	15.5	20.0

206538 2003 UJ_{194} 9 5.6 257.°74 3.°5/ 2.3 18

7 30	23 23.67	−13 49.5	1.969	2.823	13.4	20.7
8 9	23 19.37	−14 35.6	1.884	2.810	10.3	20.5
8 19	23 12.93	−15 27.9	1.823	2.798	6.9	20.3
8 29	23 4.86	−16 20.5	1.787	2.785	3.9	20.0
9 8	22 55.98	−17 6.7	1.778	2.772	4.2	20.0
9 18	22 47.25	−17 40.9	1.796	2.759	7.4	20.2
9 28	22 39.65	−17 58.9	1.840	2.745	11.0	20.4
10 8	22 33.96	−17 59.3	1.907	2.732	14.2	20.6

352546 2008 CZ_{199} 9 5.6 345.°33 1.°0/ 4.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 16.72	− 4 7.2	1.775	2.624	14.8	20.2
8 9	23 14.12	− 5 14.9	1.697	2.620	11.4	19.9
8 19	23 9.50	− 6 39.3	1.641	2.616	7.5	19.7
8 29	23 3.35	− 8 14.5	1.610	2.613	3.2	19.4
9 8	22 56.46	− 9 52.7	1.605	2.611	1.9	19.3
9 18	22 49.76	−11 25.1	1.628	2.608	6.2	19.6
9 28	22 44.16	−12 44.0	1.677	2.606	10.3	19.9
10 8	22 40.40	−13 44.2	1.749	2.605	13.9	20.1

505903 2015 DO_{222} 9 5.6 189.°86 0.°6/ 5.0 18

7 30	23 26.32	− 6 14.7	2.006	2.836	14.1	22.2
8 9	23 21.25	− 6 39.9	1.924	2.835	10.9	22.0
8 19	23 14.07	− 7 15.7	1.863	2.833	7.2	21.7
8 29	23 5.33	− 7 58.2	1.829	2.831	3.1	21.5
9 8	22 55.85	− 8 42.2	1.823	2.828	1.4	21.4
9 18	22 46.57	− 9 22.3	1.845	2.825	5.6	21.6
9 28	22 38.45	− 9 53.8	1.894	2.821	9.5	21.9
10 8	22 32.22	−10 13.3	1.968	2.816	12.9	22.1

378221 2007 BO_{17} 9 5.6 311.°31 4.°3/ 8.4 18

7 30	23 21.35	+ 2 54.0	1.350	2.184	19.4	20.9
8 9	23 18.66	+ 3 24.5	1.256	2.161	16.0	20.6
8 19	23 13.12	+ 3 35.2	1.180	2.138	11.8	20.3
8 29	23 5.19	+ 3 25.0	1.125	2.116	7.3	20.0
9 8	22 55.83	+ 2 55.8	1.093	2.094	4.3	19.8
9 18	22 46.38	+ 2 12.9	1.084	2.072	7.0	19.9
9 28	22 38.30	+ 1 24.3	1.099	2.051	11.9	20.1
10 8	22 32.82	+ 0 38.9	1.135	2.031	16.7	20.3

224602 2005 YJ_{40} 9 5.6 34.°31 6.°6/11.7 18

7 30	23 22.76	+11 8.4	1.884	2.649	17.2	19.9
8 9	23 18.58	+12 1.5	1.815	2.663	14.5	19.7
8 19	23 12.32	+12 34.7	1.765	2.677	11.5	19.6
8 29	23 4.55	+12 46.1	1.737	2.692	8.7	19.4
9 8	22 56.10	+12 36.5	1.733	2.708	6.8	19.4
9 18	22 47.93	+12 9.0	1.756	2.723	7.1	19.4
9 28	22 40.96	+11 29.3	1.804	2.740	9.2	19.6
10 8	22 35.91	+10 44.3	1.876	2.757	11.9	19.8

352931 2009 AR_{26} 9 5.6 312.°58 3.°1/ 2.7 18

7 30	23 20.26	−10 57.6	1.707	2.570	14.7	20.9
8 9	23 16.99	−11 56.8	1.632	2.563	11.3	20.7
8 19	23 11.46	−13 6.2	1.578	2.556	7.4	20.5
8 29	23 4.24	−14 19.1	1.548	2.549	3.8	20.2
9 8	22 56.19	−15 27.6	1.545	2.543	4.0	20.2
9 18	22 48.34	−16 24.1	1.568	2.537	7.7	20.4
9 28	22 41.74	−17 3.0	1.616	2.531	11.6	20.7
10 8	22 37.19	−17 21.7	1.686	2.525	15.1	20.9

478712 2012 UC_{46} 9 5.6 358.°80 8.°6/31.2 16

7 30	23 16.52	−20 48.1	0.975	1.885	19.1	20.3
8 9	23 15.48	−21 46.0	0.925	1.878	15.1	20.0
8 19	23 11.10	−22 43.9	0.893	1.874	11.1	19.8
8 29	23 4.20	−23 29.6	0.880	1.871	8.7	19.7
9 8	22 56.23	−23 51.4	0.888	1.871	9.7	19.7
9 18	22 48.84	−23 42.5	0.916	1.874	13.3	19.9
9 28	22 43.57	−23 1.3	0.962	1.878	17.4	20.2
10 8	22 41.34	−21 51.7	1.026	1.885	21.1	20.5

326030 2010 XP_{25} 9 5.6 252.°71 3.°0/ 9.2 18

7 30	23 18.71	+ 5 45.4	2.446	3.230	13.2	21.4
8 9	23 15.12	+ 5 35.9	2.349	3.221	10.8	21.2
8 19	23 9.90	+ 5 10.6	2.273	3.213	8.0	21.0
8 29	23 3.48	+ 4 30.5	2.222	3.204	5.0	20.8
9 8	22 56.45	+ 3 38.4	2.198	3.195	3.0	20.6
9 18	22 49.49	+ 2 38.4	2.202	3.186	4.4	20.7
9 28	22 43.32	+ 1 35.9	2.235	3.177	7.3	20.9
10 8	22 38.56	+ 0 36.3	2.293	3.168	10.3	21.1

144126 2004 BJ_{88} 9 5.6 94.°80 1.°9/ 7.6 18

7 30	23 20.33	+ 1 47.5	1.981	2.794	14.8	20.2
8 9	23 16.61	+ 1 25.6	1.905	2.800	11.8	20.1
8 19	23 10.98	+ 0 47.2	1.849	2.807	8.3	19.9
8 29	23 3.96	− 0 5.3	1.818	2.813	4.4	19.6
9 8	22 56.32	− 1 7.1	1.814	2.819	1.9	19.5
9 18	22 48.90	− 2 12.5	1.838	2.825	4.7	19.7
9 28	22 42.56	− 3 14.9	1.889	2.831	8.5	19.9
10 8	22 37.95	− 4 8.8	1.964	2.837	11.8	20.1

379260 2009 UJ_{23} 9 5.6 261.°05 0.°2/ 5.8 17

7 30	23 22.18	− 2 46.0	1.690	2.528	16.0	21.3
8 9	23 18.58	− 3 19.0	1.601	2.515	12.5	21.1
8 19	23 12.63	− 4 8.8	1.531	2.501	8.5	20.8
8 29	23 4.82	− 5 12.0	1.486	2.488	3.8	20.5
9 8	22 56.03	− 6 22.0	1.467	2.474	1.1	20.3
9 18	22 47.32	− 7 31.4	1.475	2.460	6.0	20.6
9 28	22 39.81	− 8 32.4	1.509	2.446	10.6	20.8
10 8	22 34.41	− 9 19.3	1.566	2.431	14.7	21.0

261809 2006 BS_{276} 9 5.6 332°.92 1°.7/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 25.19	− 3 1.6	1.927	2.751	14.8	19.9
8 9	23 20.54	− 2 29.5	1.837	2.741	11.7	19.7
8 19	23 13.72	− 2 7.0	1.769	2.732	8.1	19.5
8 29	23 5.23	− 1 53.1	1.725	2.722	4.2	19.2
9 8	22 55.92	− 1 45.6	1.709	2.714	1.8	19.1
9 18	22 46.73	− 1 41.9	1.720	2.706	5.1	19.3
9 28	22 38.68	− 1 38.3	1.758	2.698	9.1	19.5
10 8	22 32.56	− 1 31.6	1.820	2.691	12.7	19.7

296787 2009 UR_{154} 9 5.6 355°.60 1°.8/ 2.2 17

7 30	23 13.83	−14 18.4	4.180	5.023	7.1	20.1
8 9	23 10.66	−14 52.1	4.102	5.022	5.4	20.0
8 19	23 6.60	−15 27.8	4.049	5.022	3.5	19.9
8 29	23 1.93	−16 3.1	4.024	5.022	2.0	19.8
9 8	22 56.97	−16 35.3	4.029	5.021	2.2	19.8
9 18	22 52.11	−17 2.2	4.063	5.021	3.8	19.9
9 28	22 47.71	−17 21.9	4.125	5.021	5.7	20.0
10 8	22 44.10	−17 33.3	4.213	5.021	7.3	20.2

22552 1998 FN_{112} 9 5.6 45°.02 1°.9/ 7.3 18

7 30	23 23.53	− 0 40.7	1.971	2.788	14.8	18.2
8 9	23 19.05	− 0 27.3	1.896	2.795	11.7	18.0
8 19	23 12.58	− 0 26.6	1.842	2.801	8.2	17.8
8 29	23 4.67	− 0 37.0	1.813	2.808	4.4	17.6
9 8	22 56.12	− 0 55.5	1.811	2.815	2.0	17.5
9 18	22 47.82	− 1 18.0	1.836	2.822	4.8	17.7
9 28	22 40.67	− 1 40.1	1.888	2.830	8.5	17.9
10 8	22 35.35	− 1 57.6	1.965	2.837	11.9	18.2

270951 2002 VL_{56} 9 5.6 299°.97 5°.8/31.9 18

7 30	23 22.44	−15 46.9	1.415	2.292	16.3	20.4
8 9	23 19.46	−16 57.4	1.328	2.266	12.8	20.1
8 19	23 13.61	−18 17.6	1.262	2.240	8.9	19.9
8 29	23 5.40	−19 38.3	1.219	2.214	6.0	19.6
9 8	22 55.83	−20 48.2	1.200	2.188	7.0	19.6
9 18	22 46.28	−21 37.6	1.206	2.163	10.9	19.8
9 28	22 38.19	−21 59.8	1.233	2.137	15.3	19.9
10 8	22 32.73	−21 53.5	1.280	2.112	19.4	20.1

136527 2006 GK_{22} 9 5.6 36°.66 0°.6/ 5.1 18

7 30	23 19.88	− 4 32.6	1.489	2.344	16.8	19.7
8 9	23 16.77	− 5 14.7	1.430	2.355	13.0	19.5
8 19	23 11.31	− 6 12.5	1.390	2.366	8.5	19.3
8 29	23 4.15	− 7 20.5	1.374	2.378	3.6	19.0
9 8	22 56.29	− 8 30.6	1.384	2.390	1.6	18.9
9 18	22 48.81	− 9 34.9	1.419	2.403	6.4	19.3
9 28	22 42.78	−10 26.3	1.479	2.416	10.8	19.5
10 8	22 38.94	−11 0.8	1.562	2.430	14.6	19.8

208103 2000 BL_6 9 5.6 309°.17 18°.9/15.2 17

7 30	23 32.94	+33 16.4	1.837	2.427	22.6	19.7
8 9	23 28.24	+36 22.7	1.737	2.400	21.6	19.6
8 19	23 20.10	+39 10.0	1.652	2.374	20.6	19.4
8 29	23 8.65	+41 27.2	1.583	2.348	19.7	19.2
9 8	22 54.68	+43 4.0	1.531	2.322	19.1	19.1
9 18	22 39.59	+43 53.2	1.498	2.296	18.9	19.0
9 28	22 25.37	+43 53.7	1.482	2.271	19.4	19.0
10 8	22 13.87	+43 12.5	1.483	2.246	20.4	19.0

330613 2008 DT_{80} 9 5.6 98°.10 1°.9/ 4.0 17

7 30	23 25.44	− 8 2.6	1.597	2.447	16.1	21.4
8 9	23 20.85	− 8 50.5	1.540	2.464	12.3	21.2
8 19	23 13.89	− 9 49.8	1.504	2.480	8.0	21.0
8 29	23 5.25	−10 54.1	1.492	2.495	3.5	20.8
9 8	22 55.96	−11 55.7	1.507	2.510	2.7	20.8
9 18	22 47.13	−12 47.5	1.549	2.525	6.9	21.1
9 28	22 39.81	−13 24.3	1.616	2.540	11.0	21.4
10 8	22 34.74	−13 43.5	1.706	2.554	14.5	21.6

172934 2005 JX 9 5.6 97°.28 0°.9/ 4.7 18

7 30	23 20.20	− 5 23.6	1.949	2.790	14.0	20.1
8 9	23 16.55	− 6 12.0	1.876	2.794	10.8	19.9
8 19	23 10.96	− 7 12.9	1.826	2.799	7.0	19.7
8 29	23 3.97	− 8 21.6	1.801	2.804	3.0	19.4
9 8	22 56.34	− 9 31.5	1.803	2.808	1.6	19.3
9 18	22 48.95	−10 36.3	1.833	2.813	5.6	19.6
9 28	22 42.66	−11 30.0	1.890	2.818	9.4	19.9
10 8	22 38.14	−12 9.0	1.970	2.822	12.7	20.1

185518 2007 VG_{51} 9 5.6 180°.42 3°.8/ 9.7 18

7 30	23 21.56	+ 7 1.7	2.236	3.013	14.5	20.6
8 9	23 17.42	+ 7 4.3	2.148	3.014	11.9	20.4
8 19	23 11.47	+ 6 49.9	2.080	3.014	8.9	20.2
8 29	23 4.19	+ 6 18.9	2.037	3.014	5.9	20.0
9 8	22 56.27	+ 5 33.8	2.020	3.014	3.8	19.9
9 18	22 48.48	+ 4 39.0	2.032	3.013	5.0	20.0
9 28	22 41.63	+ 3 40.0	2.071	3.013	7.9	20.1
10 8	22 36.39	+ 2 42.7	2.135	3.011	10.9	20.3

54527 2000 QJ_{16} 9 5.6 138°.12 0°.9/ 4.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 20.49	− 6 23.6	2.115	2.953	13.1	19.1
8 9	23 16.64	− 7 1.4	2.038	2.955	10.1	19.0
8 19	23 10.96	− 7 49.7	1.984	2.957	6.6	18.7
8 29	23 3.96	− 8 44.2	1.955	2.958	2.8	18.5
9 8	22 56.35	− 9 39.5	1.954	2.960	1.6	18.4
9 18	22 48.94	−10 30.3	1.982	2.961	5.3	18.7
9 28	22 42.55	−11 11.5	2.036	2.962	8.9	18.9
10 8	22 37.81	−11 40.1	2.114	2.964	12.1	19.1

47314 1999 XK_{11} 9 5.6 201°.55 7°.1/12.0 18

7 30	23 24.27	+13 4.2	1.781	2.538	18.3	19.5
8 9	23 20.11	+13 38.0	1.694	2.536	15.7	19.3
8 19	23 13.59	+13 48.5	1.625	2.533	12.6	19.1
8 29	23 5.24	+13 33.3	1.577	2.530	9.5	18.9
9 8	22 55.93	+12 53.1	1.552	2.527	7.4	18.8
9 18	22 46.73	+11 51.9	1.554	2.524	7.7	18.8
9 28	22 38.76	+10 36.9	1.582	2.520	10.1	19.0
10 8	22 32.89	+ 9 17.5	1.633	2.515	13.3	19.1

14793 1975 SE_2 9 5.6 333°.72 5°.3/ 2.0 18

7 30	23 23.44	−15 58.3	1.279	2.161	17.4	18.2
8 9	23 20.24	−16 40.9	1.211	2.150	13.5	18.0
8 19	23 14.03	−17 29.5	1.161	2.141	9.3	17.7
8 29	23 5.50	−18 15.2	1.134	2.131	5.8	17.5
9 8	22 55.86	−18 48.6	1.130	2.123	6.3	17.5
9 18	22 46.55	−19 2.3	1.150	2.115	10.2	17.7
9 28	22 39.01	−18 52.3	1.192	2.109	14.6	17.9
10 8	22 34.26	−18 18.9	1.253	2.103	18.6	18.2

20578 1999 RH_{149} 9 5.6 72°.44 0°.5/ 5.1 18

7 30	23 18.31	− 4 2.2	2.149	2.983	13.1	18.8
8 9	23 14.95	− 4 54.5	2.071	2.985	10.1	18.6
8 19	23 9.84	− 5 59.7	2.017	2.988	6.6	18.4
8 29	23 3.46	− 7 13.3	1.988	2.991	2.8	18.2
9 8	22 56.51	− 8 29.5	1.987	2.993	1.3	18.1
9 18	22 49.74	− 9 41.9	2.015	2.996	5.1	18.3
9 28	22 43.93	−10 44.9	2.070	2.998	8.7	18.6
10 8	22 39.68	−11 34.3	2.149	3.001	11.8	18.8

403685 2010 VY_{47} 9 5.6 248°.14 2°.4/ 2.9 18

7 30	23 21.06	−12 28.3	2.422	3.267	11.5	21.3
8 9	23 16.91	−13 6.4	2.338	3.260	8.8	21.1
8 19	23 11.07	−13 49.9	2.278	3.253	5.8	20.9
8 29	23 4.00	−14 34.3	2.245	3.245	3.0	20.7
9 8	22 56.35	−15 14.7	2.241	3.238	3.1	20.7
9 18	22 48.83	−15 46.9	2.264	3.230	5.9	20.9
9 28	22 42.22	−16 7.3	2.315	3.222	8.9	21.1
10 8	22 37.10	−16 14.3	2.389	3.214	11.7	21.2

508034 2015 BC_{461} 9 5.6 73°.46 2°.2/ 3.9 17

7 30	23 25.12	− 9 0.2	1.509	2.366	16.6	21.4
8 9	23 20.70	− 9 43.7	1.456	2.383	12.6	21.2
8 19	23 13.82	−10 37.9	1.424	2.401	8.2	20.9
8 29	23 5.23	−11 36.0	1.416	2.419	3.7	20.7
9 8	22 56.00	−12 30.3	1.433	2.436	3.0	20.7
9 18	22 47.28	−13 13.9	1.478	2.454	7.2	21.0
9 28	22 40.17	−13 41.9	1.547	2.471	11.3	21.3
10 8	22 35.38	−13 52.2	1.637	2.488	14.9	21.6

208104 2000 BY_8 9 5.6 292°.49 1°.4/ 4.6 18

7 30	23 27.48	−10 3.6	1.791	2.636	14.9	20.3
8 9	23 22.67	−10 3.8	1.693	2.613	11.6	20.0
8 19	23 15.37	−10 10.7	1.616	2.589	7.7	19.8
8 29	23 6.07	−10 20.8	1.563	2.566	3.5	19.5
9 8	22 55.68	−10 29.3	1.538	2.543	2.2	19.3
9 18	22 45.31	−10 31.7	1.540	2.519	6.6	19.5
9 28	22 36.16	−10 24.2	1.568	2.496	11.0	19.7
10 8	22 29.18	−10 4.7	1.619	2.473	14.9	19.9

398614 2011 XD_4 9 5.6 347°.40 0°.9/ 4.8 18

7 30	23 20.93	− 7 7.1	1.873	2.720	14.3	20.6
8 9	23 17.24	− 7 31.7	1.796	2.717	11.0	20.4
8 19	23 11.50	− 8 6.8	1.741	2.715	7.2	20.2
8 29	23 4.24	− 8 48.2	1.710	2.713	3.1	19.9
9 8	22 56.28	− 9 30.3	1.706	2.711	1.7	19.8
9 18	22 48.53	−10 7.8	1.729	2.710	5.8	20.1
9 28	22 41.93	−10 35.8	1.778	2.709	9.7	20.3
10 8	22 37.20	−10 51.0	1.851	2.708	13.2	20.6

295517 2008 RP_{102} 9 5.6 313°.42 0°.0/ 5.4 18

7 30	23 17.66	− 2 34.8	1.462	2.316	17.1	20.9
8 9	23 15.48	− 3 15.0	1.372	2.296	13.5	20.6
8 19	23 10.80	− 4 15.8	1.301	2.276	9.1	20.3
8 29	23 4.11	− 5 33.2	1.253	2.256	4.1	19.9
9 8	22 56.29	− 6 59.6	1.230	2.237	1.3	19.7
9 18	22 48.51	− 8 25.5	1.232	2.218	6.7	20.0
9 28	22 41.99	− 9 40.9	1.258	2.200	11.8	20.2
10 8	22 37.76	−10 38.6	1.306	2.182	16.3	20.5

488025 2015 UU_{26} 9 5.6 330°.61 2°.0/ 7.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 15.90	+ 2 48.0	1.858	2.679	15.4	21.1
8 9	23 13.48	+ 2 16.6	1.767	2.667	12.3	20.9
8 19	23 9.11	+ 1 25.4	1.697	2.656	8.7	20.7
8 29	23 3.24	+ 0 16.6	1.651	2.646	4.8	20.4
9 8	22 56.60	− 1 4.5	1.631	2.636	2.0	20.2
9 18	22 50.06	− 2 31.0	1.637	2.626	5.0	20.4
9 28	22 44.53	− 3 54.8	1.671	2.617	9.0	20.6
10 8	22 40.75	− 5 8.6	1.728	2.609	12.8	20.8

448670 2010 VT_{190} 9 5.6 329°.57 6°.7/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 20.20	−22 25.2	1.912	2.782	13.0	20.7
8 9	23 16.81	−23 44.8	1.846	2.774	10.3	20.5
8 19	23 11.29	−25 4.4	1.802	2.766	7.9	20.3
8 29	23 4.18	−26 15.7	1.783	2.759	6.7	20.3
9 8	22 56.33	−27 10.8	1.790	2.752	7.8	20.3
9 18	22 48.71	−27 44.2	1.822	2.745	10.2	20.4
9 28	22 42.30	−27 53.2	1.877	2.739	13.0	20.6
10 8	22 37.84	−27 38.2	1.953	2.733	15.5	20.8

10239 Hermann 9 5.6 8°.12 9°.3/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 27.75	−29 33.0	1.557	2.424	15.7	16.1
8 9	23 22.93	−30 12.4	1.508	2.426	12.9	16.0
8 19	23 15.37	−30 42.0	1.479	2.430	10.5	15.8
8 29	23 5.92	−30 52.8	1.473	2.435	9.3	15.8
9 8	22 55.84	−30 38.5	1.491	2.441	10.1	15.9
9 18	22 46.44	−29 56.5	1.532	2.448	12.2	16.0
9 28	22 38.90	−28 48.5	1.595	2.456	14.9	16.2
10 8	22 33.97	−27 19.2	1.678	2.466	17.4	16.4

401746 2013 JL_{53} 9 5.6 1°.00 3°.2/ 9.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 18.50	+ 5 38.0	2.218	3.010	14.1	21.1
8 9	23 15.08	+ 5 31.2	2.132	3.009	11.5	20.9
8 19	23 9.95	+ 5 7.6	2.067	3.009	8.5	20.8
8 29	23 3.54	+ 4 28.3	2.026	3.009	5.3	20.6
9 8	22 56.53	+ 3 36.3	2.012	3.010	3.2	20.4
9 18	22 49.67	+ 2 36.4	2.025	3.010	4.6	20.5
9 28	22 43.71	+ 1 34.4	2.066	3.010	7.7	20.7
10 8	22 39.28	+ 0 35.9	2.132	3.011	10.8	20.9

66188 1998 XK_{79} 9 5.6 329°.69 8°.6/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 17.86	−26 40.4	1.880	2.754	13.0	17.9
8 9	23 15.22	−28 34.7	1.816	2.740	10.7	17.8
8 19	23 10.36	−30 27.0	1.776	2.727	9.0	17.6
8 29	23 3.82	−32 7.0	1.760	2.714	8.7	17.6
9 8	22 56.44	−33 25.7	1.769	2.701	10.0	17.6
9 18	22 49.23	−34 16.5	1.802	2.689	12.3	17.8
9 28	22 43.22	−34 36.9	1.856	2.678	14.8	17.9
10 8	22 39.22	−34 28.0	1.928	2.668	17.0	18.1

317838 2003 SL_{366} 9 5.6 42°.68 1°.9/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 17.31	+ 3 5.8	2.219	3.024	13.7	21.3
8 9	23 14.12	+ 2 33.4	2.138	3.029	10.9	21.1
8 19	23 9.28	+ 1 44.7	2.079	3.034	7.7	20.9
8 29	23 3.23	+ 0 42.1	2.046	3.038	4.3	20.7
9 8	22 56.64	− 0 30.0	2.039	3.043	1.9	20.6
9 18	22 50.22	− 1 45.8	2.061	3.048	4.3	20.8
9 28	22 44.71	− 2 59.0	2.111	3.054	7.7	21.0
10 8	22 40.70	− 4 4.3	2.186	3.059	10.8	21.2

504328 2007 SP_{7} 9 5.6 289°.29 3°.9/ 3.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 26.60	−12 58.1	1.338	2.208	17.5	21.5
8 9	23 22.77	−13 31.7	1.255	2.189	13.7	21.2
8 19	23 15.85	−14 14.4	1.192	2.171	9.2	20.9
8 29	23 6.41	−14 59.2	1.151	2.152	4.9	20.6
9 8	22 55.62	−15 36.9	1.134	2.133	4.8	20.5
9 18	22 44.93	−15 59.7	1.142	2.115	9.4	20.7
9 28	22 35.91	−16 1.9	1.173	2.096	14.3	21.0
10 8	22 29.71	−15 42.3	1.224	2.078	18.7	21.2

38115 1999 JJ_{35} 9 5.6 179°.66 1°.7/ 4.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 26.14	− 7 41.3	1.615	2.463	16.1	20.2
8 9	23 21.60	− 8 22.6	1.542	2.464	12.4	19.9
8 19	23 14.57	− 9 16.3	1.490	2.465	8.1	19.7
8 29	23 5.66	−10 16.8	1.462	2.465	3.6	19.4
9 8	22 55.89	−11 16.5	1.461	2.465	2.5	19.4
9 18	22 46.40	−12 8.1	1.486	2.464	7.0	19.6
9 28	22 38.36	−12 45.6	1.538	2.463	11.3	19.9
10 8	22 32.61	−13 5.8	1.611	2.461	15.2	20.1

39166 2000 WO_{130} 9 5.6 75°.15 0°.7/ 5.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 22.99	− 5 27.5	1.657	2.503	15.9	19.5
8 9	23 18.94	− 6 2.4	1.595	2.515	12.2	19.2
8 19	23 12.65	− 6 50.4	1.553	2.526	8.0	19.0
8 29	23 4.75	− 7 46.6	1.535	2.538	3.4	18.8
9 8	22 56.19	− 8 44.2	1.544	2.550	1.6	18.7
9 18	22 48.00	− 9 36.4	1.580	2.562	6.1	19.0
9 28	22 41.18	−10 17.4	1.641	2.574	10.2	19.3
10 8	22 36.46	−10 43.7	1.726	2.586	13.8	19.5

449940 2015 OK_{44} 9 5.6 85°.66 2°.9/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 22.98	−12 27.1	1.911	2.765	13.7	21.0
8 9	23 18.76	−13 9.0	1.841	2.767	10.5	20.8
8 19	23 12.47	−13 57.3	1.793	2.769	6.9	20.6
8 29	23 4.68	−14 46.4	1.770	2.771	3.6	20.4
9 8	22 56.21	−15 30.0	1.775	2.772	3.7	20.4
9 18	22 48.03	−16 2.7	1.807	2.774	7.0	20.6
9 28	22 41.05	−16 20.6	1.864	2.776	10.5	20.8
10 8	22 35.98	−16 22.3	1.945	2.778	13.6	21.0

377573 2005 LH_{25} 9 5.7 16°.32 5°.0/ 9.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 13.67	+ 5 3.0	0.894	1.764	24.1	20.0
8 9	23 13.16	+ 5 19.6	0.849	1.773	19.6	19.8
8 19	23 9.51	+ 5 3.4	0.818	1.784	14.4	19.5
8 29	23 3.53	+ 4 15.7	0.805	1.797	8.9	19.3
9 8	22 56.58	+ 3 3.8	0.811	1.813	5.1	19.2
9 18	22 50.19	+ 1 39.6	0.838	1.830	7.4	19.4
9 28	22 45.80	+ 0 16.6	0.886	1.850	12.3	19.7
10 8	22 44.29	− 0 53.5	0.953	1.871	17.0	20.1

120804 1998 FJ_{125} 9 5.7 159°.98 2°.3/ 3.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 24.45	−10 50.7	2.274	3.113	12.3	20.7
8 9	23 19.53	−11 39.2	2.202	3.120	9.4	20.5
8 19	23 12.80	−12 34.4	2.153	3.127	6.1	20.3
8 29	23 4.78	−13 31.3	2.132	3.133	3.0	20.1
9 8	22 56.19	−14 24.5	2.139	3.138	2.9	20.1
9 18	22 47.85	−15 8.8	2.175	3.142	6.0	20.3
9 28	22 40.55	−15 40.4	2.238	3.146	9.2	20.6
10 8	22 34.90	−15 57.6	2.326	3.149	12.0	20.7

245337 2005 ED_{154} 9 5.7 142°.44 2°.8/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 25.75	−13 31.1	2.244	3.087	12.4	20.7
8 9	23 20.51	−14 5.0	2.176	3.095	9.4	20.6
8 19	23 13.43	−14 43.0	2.131	3.104	6.2	20.4
8 29	23 5.05	−15 20.3	2.113	3.112	3.3	20.2
9 8	22 56.13	−15 51.9	2.123	3.119	3.4	20.2
9 18	22 47.52	−16 13.6	2.162	3.127	6.2	20.4
9 28	22 40.01	−16 22.7	2.228	3.133	9.3	20.6
10 8	22 34.24	−16 18.2	2.318	3.140	12.1	20.8

245400 2005 GQ_{182} 9 5.7 135°.38 1°.2/ 4.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 22.16	− 7 19.8	2.055	2.895	13.4	21.7
8 9	23 17.96	− 7 59.1	1.982	2.900	10.3	21.5
8 19	23 11.86	− 8 48.3	1.932	2.906	6.7	21.3
8 29	23 4.40	− 9 42.8	1.908	2.911	2.9	21.0
9 8	22 56.33	−10 37.0	1.911	2.916	1.9	21.0
9 18	22 48.50	−11 25.3	1.943	2.921	5.6	21.2
9 28	22 41.76	−12 3.1	2.001	2.925	9.2	21.5
10 8	22 36.75	−12 27.3	2.084	2.929	12.4	21.7

84985 2003 YU_{66} 9 5.7 315°.23 6°.1/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 16.19	−14 40.9	1.533	2.414	15.0	18.4
8 9	23 14.42	−16 38.9	1.443	2.385	11.7	18.1
8 19	23 10.17	−18 51.8	1.376	2.355	8.2	17.8
8 29	23 3.90	−21 8.9	1.334	2.326	6.1	17.6
9 8	22 56.43	−23 17.0	1.317	2.298	7.7	17.7
9 18	22 48.91	−25 4.0	1.326	2.269	11.4	17.8
9 28	22 42.60	−26 20.6	1.356	2.242	15.5	18.0
10 8	22 38.55	−27 3.7	1.406	2.215	19.1	18.1

433543 2013 WU_{105} 9 5.7 304°.76 5°.2/ 9.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 21.17	+ 6 40.0	1.466	2.279	19.2	21.1
8 9	23 18.20	+ 7 0.1	1.380	2.267	15.9	20.8
8 19	23 12.62	+ 6 57.0	1.311	2.256	12.1	20.6
8 29	23 4.94	+ 6 29.5	1.263	2.245	8.0	20.3
9 8	22 56.14	+ 5 40.1	1.239	2.235	5.2	20.1
9 18	22 47.40	+ 4 34.8	1.239	2.225	6.8	20.2
9 28	22 40.02	+ 3 22.5	1.264	2.215	10.9	20.4
10 8	22 35.01	+ 2 12.7	1.311	2.205	15.1	20.6

48684 1996 EP 9 5.7 302°.10 0°.5/ 5.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 22.50	− 5 38.0	1.438	2.294	17.3	18.4
8 9	23 19.36	− 5 54.2	1.347	2.273	13.6	18.1
8 19	23 13.48	− 6 25.5	1.276	2.252	9.1	17.8
8 29	23 5.37	− 7 8.1	1.228	2.231	4.0	17.5
9 8	22 56.00	− 7 55.6	1.204	2.211	1.6	17.2
9 18	22 46.65	− 8 40.3	1.205	2.190	7.0	17.5
9 28	22 38.67	− 9 15.0	1.231	2.171	12.2	17.8
10 8	22 33.17	− 9 34.3	1.277	2.151	16.8	18.0

51266 2000 JX_{71} 9 5.7 283°.42 5°.8/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 23.59	−20 2.6	1.930	2.793	13.2	18.7
8 9	23 19.52	−21 6.3	1.847	2.774	10.4	18.5
8 19	23 13.18	−22 12.4	1.787	2.755	7.6	18.3
8 29	23 5.09	−23 13.1	1.751	2.736	5.9	18.2
9 8	22 56.12	−24 0.8	1.742	2.717	6.8	18.2
9 18	22 47.26	−24 29.6	1.760	2.698	9.5	18.3
9 28	22 39.59	−24 36.0	1.801	2.678	12.7	18.5
10 8	22 33.94	−24 19.9	1.863	2.659	15.6	18.6

70474 1999 TH_{35} 9 5.7 203°.42 5°.6/ 1.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 36.27	−22 13.4	2.123	2.957	13.2	19.0
8 9	23 28.92	−22 47.6	2.043	2.952	10.5	18.8
8 19	23 19.16	−23 19.7	1.986	2.945	7.7	18.6
8 29	23 7.65	−23 42.8	1.957	2.938	5.7	18.5
9 8	22 55.36	−23 50.9	1.957	2.930	6.2	18.5
9 18	22 43.41	−23 40.4	1.985	2.921	8.7	18.6
9 28	22 32.89	−23 10.4	2.040	2.911	11.7	18.8
10 8	22 24.60	−22 22.6	2.119	2.900	14.4	19.0

519328 2011 FS_{63} 9 5.7 97°.82 1°.0/ 6.5 16

7 30	23 23.04	− 1 26.1	1.642	2.475	16.5	21.8
8 9	23 19.12	− 1 46.6	1.570	2.480	13.0	21.6
8 19	23 12.88	− 2 23.7	1.518	2.485	8.8	21.4
8 29	23 4.94	− 3 14.1	1.490	2.490	4.2	21.1
9 8	22 56.21	− 4 11.8	1.488	2.495	1.2	20.9
9 18	22 47.77	− 5 10.0	1.513	2.500	5.6	21.2
9 28	22 40.67	− 6 1.8	1.564	2.505	10.0	21.5
10 8	22 35.71	− 6 41.8	1.638	2.509	13.8	21.8

210074 2006 QZ_{21} 9 5.7 351°.84 1°.7/ 6.8 18

7 30	23 26.96	− 3 28.5	1.670	2.501	16.4	19.8
8 9	23 22.19	− 2 55.0	1.590	2.498	13.0	19.6
8 19	23 14.96	− 2 32.3	1.531	2.496	8.9	19.3
8 29	23 5.88	− 2 19.2	1.495	2.494	4.5	19.1
9 8	22 55.92	− 2 13.0	1.486	2.492	1.8	18.9
9 18	22 46.19	− 2 10.5	1.504	2.491	5.6	19.1
9 28	22 37.84	− 2 7.7	1.548	2.490	10.0	19.4
10 8	22 31.74	− 2 0.8	1.615	2.490	13.8	19.6

106004 2000 SN_{285} 9 5.7 53°.93 0°.7/ 5.0 18

7 30	23 24.45	− 7 58.4	2.063	2.900	13.5	19.6
8 9	23 19.72	− 8 4.8	1.987	2.902	10.4	19.4
8 19	23 13.03	− 8 18.8	1.934	2.905	6.8	19.2
8 29	23 4.94	− 8 37.2	1.906	2.908	3.0	18.9
9 8	22 56.22	− 8 55.9	1.906	2.911	1.4	18.8
9 18	22 47.76	− 9 10.9	1.934	2.915	5.3	19.1
9 28	22 40.43	− 9 18.6	1.989	2.918	8.9	19.3
10 8	22 34.89	− 9 16.9	2.068	2.921	12.2	19.5

507668 2013 RD_{68} 9 5.7 56°.00 2°.4/ 7.1 17

7 30	23 29.38	− 1 18.8	1.229	2.072	20.4	20.4
8 9	23 24.42	− 0 53.9	1.180	2.093	16.1	20.2
8 19	23 16.50	− 0 46.9	1.148	2.114	11.1	20.0
8 29	23 6.51	− 0 56.0	1.138	2.136	5.8	19.8
9 8	22 55.78	− 1 16.1	1.153	2.158	2.4	19.6
9 18	22 45.75	− 1 41.0	1.192	2.180	6.5	20.0
9 28	22 37.73	− 2 4.0	1.255	2.202	11.3	20.3
10 8	22 32.54	− 2 19.7	1.341	2.225	15.5	20.6

502058 2015 AU_{168} 9 5.7 23°.11 5°.2/ 1.5 17

7 30	23 19.18	−12 16.6	1.127	2.017	18.6	19.7
8 9	23 17.02	−13 44.5	1.077	2.023	14.2	19.5
8 19	23 11.89	−15 24.7	1.046	2.030	9.4	19.3
8 29	23 4.57	−17 5.3	1.038	2.038	5.6	19.1
9 8	22 56.34	−18 33.3	1.052	2.046	6.4	19.2
9 18	22 48.63	−19 38.1	1.090	2.056	10.6	19.4
9 28	22 42.78	−20 13.6	1.149	2.066	15.0	19.7
10 8	22 39.67	−20 19.2	1.226	2.077	18.9	20.0

170003 2002 TT_{286} 9 5.7 309°.11 4°.7/ 2.3 18

7 30	23 27.16	−17 46.5	1.709	2.569	14.8	18.9
8 9	23 22.53	−18 9.1	1.623	2.550	11.6	18.7
8 19	23 15.31	−18 33.4	1.558	2.531	8.0	18.4
8 29	23 6.09	−18 53.1	1.517	2.512	5.1	18.2
9 8	22 55.85	−19 1.6	1.503	2.493	5.4	18.2
9 18	22 45.79	−18 53.8	1.514	2.475	8.7	18.4
9 28	22 37.12	−18 27.4	1.551	2.457	12.6	18.6
10 8	22 30.77	−17 42.8	1.609	2.440	16.1	18.7

287059 2002 RF_{1} 9 5.7 16°.80 1°.5/ 6.6 18

7 30	23 24.74	− 3 45.9	1.401	2.249	18.1	19.9
8 9	23 20.75	− 3 17.4	1.337	2.255	14.2	19.7
8 19	23 14.10	− 3 2.2	1.292	2.261	9.7	19.5
8 29	23 5.51	− 2 58.2	1.269	2.269	4.8	19.2
9 8	22 56.08	− 3 1.7	1.271	2.277	1.7	19.0
9 18	22 47.07	− 3 8.3	1.298	2.287	6.1	19.3
9 28	22 39.68	− 3 12.8	1.350	2.297	10.7	19.6
10 8	22 34.76	− 3 11.2	1.424	2.308	14.8	19.9

208357 2001 RY_{55} 9 5.7 48°.42 1°.1/ 4.4 18

7 30	23 18.17	− 4 21.3	1.833	2.678	14.6	19.9
8 9	23 15.15	− 5 34.0	1.763	2.684	11.2	19.7
8 19	23 10.15	− 7 1.9	1.715	2.690	7.3	19.5
8 29	23 3.71	− 8 39.2	1.693	2.696	3.1	19.2
9 8	22 56.63	−10 17.7	1.698	2.703	1.9	19.1
9 18	22 49.78	−11 49.1	1.731	2.710	6.0	19.4
9 28	22 44.06	−13 6.5	1.790	2.717	9.9	19.7
10 8	22 40.14	−14 5.2	1.873	2.724	13.3	19.9

448063 2008 GG_{39} 9 5.7 50°.12 5°.0/11.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 18.58	+12 3.2	1.955	2.720	16.6	20.4
8 9	23 15.24	+11 50.2	1.892	2.744	13.9	20.3
8 19	23 10.06	+11 14.1	1.848	2.768	10.7	20.1
8 29	23 3.62	+10 15.6	1.827	2.792	7.5	20.0
9 8	22 56.67	+ 8 58.9	1.831	2.817	5.3	19.9
9 18	22 50.05	+ 7 30.2	1.862	2.841	5.6	20.0
9 28	22 44.54	+ 5 57.2	1.921	2.866	8.1	20.2
10 8	22 40.74	+ 4 27.9	2.004	2.891	11.0	20.4

320006 2007 DS_{35} 9 5.7 79°.27 0°.0/ 5.5 18

7 30	23 23.32	− 5 51.0	2.252	3.080	12.8	20.7
8 9	23 18.70	− 5 55.2	2.174	3.083	9.9	20.5
8 19	23 12.29	− 6 7.8	2.118	3.087	6.6	20.3
8 29	23 4.61	− 6 26.3	2.088	3.090	2.9	20.0
9 8	22 56.36	− 6 46.9	2.087	3.093	0.9	19.9
9 18	22 48.32	− 7 5.9	2.114	3.097	4.7	20.2
9 28	22 41.29	− 7 19.9	2.168	3.100	8.1	20.4
10 8	22 35.88	− 7 26.1	2.248	3.103	11.2	20.6

302794 2002 XR_{102} 9 5.7 128°.34 6°.7/13.6 18

7 30	23 21.23	+16 19.2	2.266	2.987	15.8	20.4
8 9	23 17.22	+16 41.8	2.182	2.994	13.6	20.3
8 19	23 11.40	+16 43.1	2.116	3.001	11.2	20.1
8 29	23 4.25	+16 21.7	2.073	3.007	8.8	20.0
9 8	22 56.46	+15 38.6	2.054	3.014	7.0	19.9
9 18	22 48.83	+14 37.3	2.061	3.020	6.9	19.9
9 28	22 42.16	+13 23.5	2.095	3.026	8.5	20.0
10 8	22 37.12	+12 4.5	2.155	3.032	10.8	20.2

313992 2004 TA_{183} 9 5.7 120°.46 3°.0/ 2.6 18

7 30	23 25.34	−15 43.5	2.447	3.289	11.5	20.5
8 9	23 20.05	−16 7.3	2.378	3.297	8.8	20.4
8 19	23 13.07	−16 33.0	2.334	3.305	5.9	20.2
8 29	23 4.91	−16 56.2	2.317	3.313	3.4	20.1
9 8	22 56.28	−17 12.9	2.328	3.320	3.6	20.1
9 18	22 47.94	−17 19.8	2.368	3.328	6.1	20.3
9 28	22 40.64	−17 14.9	2.435	3.335	8.9	20.4
10 8	22 34.93	−16 57.7	2.527	3.342	11.4	20.6

476606 2008 SM_{120} 9 5.7 142°.20 6°.8/31.1 17

7 30	23 30.15	−24 5.7	1.874	2.728	14.0	21.3
8 9	23 24.37	−24 54.5	1.815	2.732	11.1	21.2
8 19	23 16.21	−25 39.8	1.777	2.736	8.4	21.0
8 29	23 6.35	−26 13.8	1.765	2.740	6.8	20.9
9 8	22 55.85	−26 29.9	1.780	2.744	7.5	21.0
9 18	22 45.81	−26 24.3	1.820	2.748	9.9	21.1
9 28	22 37.31	−25 56.4	1.885	2.751	12.7	21.3
10 8	22 31.09	−25 8.5	1.971	2.754	15.3	21.5

264544 2001 SR_{119} 9 5.7 20°.92 1°.9/ 6.9 17

7 30	23 25.64	− 2 27.1	1.336	2.183	18.9	19.6
8 9	23 21.62	− 2 3.4	1.270	2.186	15.0	19.3
8 19	23 14.79	− 1 55.1	1.222	2.191	10.3	19.1
8 29	23 5.86	− 2 0.5	1.197	2.196	5.2	18.8
9 8	22 55.98	− 2 15.3	1.195	2.201	2.0	18.6
9 18	22 46.49	− 2 34.2	1.219	2.207	6.3	18.9
9 28	22 38.70	− 2 51.0	1.267	2.214	11.2	19.2
10 8	22 33.54	− 3 0.6	1.337	2.222	15.5	19.5

139130 2001 FF_{71} 9 5.7 155°.71 2°.0/ 3.8 18

7 30	23 24.31	− 7 42.6	1.743	2.589	15.2	19.7
8 9	23 19.99	− 8 41.4	1.673	2.595	11.6	19.5
8 19	23 13.42	− 9 52.5	1.625	2.600	7.6	19.3
8 29	23 5.18	−11 9.8	1.602	2.605	3.4	19.0
9 8	22 56.19	−12 25.2	1.606	2.609	2.8	19.0
9 18	22 47.49	−13 31.2	1.638	2.613	6.8	19.3
9 28	22 40.10	−14 21.9	1.696	2.616	10.8	19.5
10 8	22 34.80	−14 54.0	1.777	2.619	14.3	19.7

516226 2016 UL_{14} 9 5.7 291°.33 1°.0/ 6.6 18

7 30	23 21.03	− 1 36.4	1.806	2.637	15.4	21.9
8 9	23 17.58	− 1 52.0	1.714	2.623	12.2	21.7
8 19	23 11.94	− 2 23.1	1.642	2.609	8.3	21.4
8 29	23 4.59	− 3 7.1	1.595	2.595	4.1	21.2
9 8	22 56.35	− 3 59.3	1.574	2.581	1.2	20.9
9 18	22 48.18	− 4 53.4	1.580	2.567	5.4	21.2
9 28	22 41.11	− 5 43.0	1.612	2.553	9.7	21.4
10 8	22 35.98	− 6 22.6	1.668	2.540	13.6	21.6

16338 1106 $T\text{-}_{3}$ 9 5.7 22°.70 9°.7/14.4 18

7 30	23 18.43	+16 14.6	1.307	2.085	22.8	17.1
8 9	23 16.22	+17 4.2	1.244	2.093	19.8	16.9
8 19	23 11.31	+17 21.2	1.195	2.101	16.3	16.7
8 29	23 4.36	+17 1.8	1.164	2.111	12.8	16.5
9 8	22 56.45	+16 7.0	1.153	2.121	10.2	16.4
9 18	22 48.85	+14 42.6	1.165	2.133	9.8	16.4
9 28	22 42.85	+12 59.7	1.199	2.145	11.9	16.6
10 8	22 39.36	+11 11.7	1.255	2.158	15.0	16.8

183794 2004 BB_{38} 9 5.7 199°.35 1°.0/ 4.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 25.81	− 6 33.4	1.862	2.699	14.8	21.4
8 9	23 21.10	− 7 5.3	1.781	2.696	11.4	21.2
8 19	23 14.16	− 7 48.8	1.721	2.693	7.5	21.0
8 29	23 5.54	− 8 39.5	1.686	2.689	3.2	20.7
9 8	22 56.10	− 9 31.3	1.679	2.684	1.7	20.6
9 18	22 46.86	−10 18.2	1.700	2.679	6.0	20.9
9 28	22 38.84	−10 54.8	1.747	2.674	10.1	21.1
10 8	22 32.83	−11 17.4	1.818	2.668	13.7	21.3

99301 2001 RX_{91} 9 5.7 315°.75 0°.5/ 5.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 19.80	− 5 6.0	1.869	2.712	14.4	19.5
8 9	23 16.47	− 5 40.6	1.786	2.705	11.2	19.3
8 19	23 11.09	− 6 28.1	1.725	2.699	7.4	19.1
8 29	23 4.18	− 7 24.6	1.689	2.692	3.2	18.8
9 8	22 56.51	− 8 24.1	1.680	2.686	1.4	18.7
9 18	22 49.00	− 9 20.2	1.698	2.680	5.7	18.9
9 28	22 42.58	−10 6.9	1.742	2.675	9.7	19.2
10 8	22 38.00	−10 40.1	1.809	2.669	13.3	19.4

400702 2009 RY_{14} 9 5.7 289°.25 2°.6/ 8.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 17.15	+ 5 13.2	2.339	3.132	13.5	21.1
8 9	23 14.08	+ 4 47.5	2.238	3.117	11.0	20.9
8 19	23 9.36	+ 4 4.3	2.157	3.103	8.0	20.7
8 29	23 3.39	+ 3 5.1	2.102	3.089	4.8	20.5
9 8	22 56.75	+ 1 53.5	2.074	3.075	2.6	20.3
9 18	22 50.16	+ 0 34.7	2.074	3.060	4.3	20.4
9 28	22 44.37	− 0 45.1	2.102	3.046	7.6	20.6
10 8	22 40.00	− 1 59.6	2.156	3.032	10.8	20.8

199732 2006 HR_{109} 9 5.7 241°.68 2°.8/ 8.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 20.29	+ 5 21.9	2.081	2.874	14.9	20.3
8 9	23 16.72	+ 4 55.6	1.983	2.863	12.1	20.1
8 19	23 11.22	+ 4 9.8	1.906	2.852	8.8	19.9
8 29	23 4.24	+ 3 5.9	1.853	2.840	5.3	19.6
9 8	22 56.49	+ 1 47.8	1.827	2.828	2.8	19.5
9 18	22 48.79	+ 0 21.8	1.829	2.816	4.8	19.6
9 28	22 42.03	− 1 4.8	1.859	2.803	8.5	19.8
10 8	22 36.95	− 2 24.8	1.914	2.790	12.0	20.0

247937 2003 XQ_{14} 9 5.7 227°.38 1°.2/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 24.60	− 1 13.0	2.652	3.451	11.9	21.0
8 9	23 19.57	− 1 17.4	2.548	3.437	9.4	20.8
8 19	23 12.88	− 1 31.9	2.467	3.423	6.5	20.6
8 29	23 4.92	− 1 55.1	2.412	3.408	3.3	20.4
9 8	22 56.30	− 2 24.1	2.387	3.393	1.2	20.2
9 18	22 47.72	− 2 55.6	2.392	3.377	4.1	20.4
9 28	22 39.91	− 3 25.6	2.426	3.360	7.3	20.6
10 8	22 33.49	− 3 50.8	2.487	3.342	10.3	20.8

435567 2008 RS_{49} 9 5.7 269°.58 1°.8/ 9.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 14.39	+ 4 16.4	4.647	5.415	7.6	21.2
8 9	23 11.07	+ 4 17.2	4.540	5.403	6.2	21.1
8 19	23 6.92	+ 4 10.4	4.456	5.391	4.5	21.0
8 29	23 2.18	+ 3 57.0	4.399	5.379	2.9	20.9
9 8	22 57.15	+ 3 37.9	4.371	5.367	1.8	20.8
9 18	22 52.15	+ 3 15.0	4.372	5.354	2.5	20.8
9 28	22 47.53	+ 2 50.1	4.404	5.342	4.2	20.9
10 8	22 43.59	+ 2 25.5	4.463	5.330	5.8	21.0

318459 2005 EC_{20} 9 5.7 86°.73 0°.4/ 5.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 24.55	− 3 54.9	1.437	2.285	17.7	20.6
8 9	23 20.47	− 4 37.4	1.379	2.300	13.7	20.4
8 19	23 13.84	− 5 36.8	1.341	2.314	9.0	20.2
8 29	23 5.39	− 6 47.1	1.326	2.329	3.9	19.9
9 8	22 56.19	− 8 0.1	1.337	2.344	1.5	19.8
9 18	22 47.46	− 9 7.2	1.374	2.358	6.5	20.2
9 28	22 40.33	−10 1.2	1.437	2.372	11.1	20.5
10 8	22 35.60	−10 37.7	1.521	2.386	15.1	20.7

49059 1998 RP_{44} 9 5.7 230°.76 2°.0/ 3.8 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 21.80	− 7 1.3	1.647	2.499	15.6	18.7
8 9	23 18.31	− 8 7.0	1.570	2.495	12.0	18.5
8 19	23 12.47	− 9 27.8	1.513	2.490	7.8	18.2
8 29	23 4.84	−10 57.0	1.482	2.485	3.5	18.0
9 8	22 56.33	−12 25.9	1.477	2.480	2.9	17.9
9 18	22 48.00	−13 45.6	1.499	2.475	7.2	18.2
9 28	22 40.96	−14 48.8	1.547	2.469	11.5	18.4
10 8	22 36.05	−15 31.2	1.617	2.463	15.3	18.6

147016 2002 QY_{17} 9 5.7 339°.60 0°.5/ 5.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 14.39	− 2 41.8	1.125	2.002	19.6	19.3
8 9	23 13.51	− 3 33.1	1.052	1.989	15.4	19.0
8 19	23 9.79	− 4 50.1	0.997	1.977	10.3	18.6
8 29	23 3.80	− 6 26.8	0.962	1.967	4.5	18.3
9 8	22 56.63	− 8 12.5	0.951	1.957	1.8	18.1
9 18	22 49.63	− 9 54.0	0.962	1.949	7.9	18.4
9 28	22 44.26	−11 18.7	0.995	1.942	13.5	18.7
10 8	22 41.56	−12 18.4	1.048	1.937	18.4	19.0

94069 2000 YL_{34} 9 5.7 251°.82 3°.9/10.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 21.62	+ 7 33.2	2.610	3.374	12.9	20.1
8 9	23 17.37	+ 7 49.0	2.504	3.359	10.8	19.9
8 19	23 11.48	+ 7 50.6	2.418	3.344	8.2	19.7
8 29	23 4.33	+ 7 37.7	2.358	3.329	5.7	19.5
9 8	22 56.52	+ 7 11.8	2.325	3.314	4.0	19.4
9 18	22 48.70	+ 6 35.6	2.320	3.298	4.8	19.4
9 28	22 41.63	+ 5 53.2	2.344	3.282	7.3	19.6
10 8	22 35.92	+ 5 9.5	2.393	3.266	10.0	19.7

401304 2012 UU_{127} 9 5.7 123°.41 15°.6/21.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 23.72	+29 46.3	1.337	2.016	26.6	20.8
8 9	23 20.77	+31 5.1	1.268	2.022	24.5	20.6
8 19	23 14.65	+31 44.7	1.210	2.027	22.0	20.4
8 29	23 5.99	+31 35.9	1.166	2.033	19.4	20.3
9 8	22 56.00	+30 34.4	1.138	2.038	17.0	20.1
9 18	22 46.24	+28 41.9	1.128	2.043	15.7	20.1
9 28	22 38.30	+26 8.8	1.140	2.048	15.9	20.1
10 8	22 33.36	+23 12.6	1.172	2.052	17.5	20.2

521628 2015 PP_{322} 9 5.7 26°.93 1°.4/ 4.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 20.52	− 7 34.3	1.959	2.806	13.7	21.6
8 9	23 16.86	− 8 13.6	1.886	2.807	10.5	21.4
8 19	23 11.26	− 9 3.2	1.834	2.809	6.9	21.2
8 29	23 4.24	− 9 58.4	1.808	2.811	3.0	20.9
9 8	22 56.58	−10 53.2	1.809	2.813	2.1	20.9
9 18	22 49.14	−11 41.8	1.837	2.815	5.8	21.1
9 28	22 42.79	−12 19.3	1.892	2.817	9.5	21.4
10 8	22 38.21	−12 42.7	1.970	2.820	12.8	21.6

400440 2008 DG_{81} 9 5.7 39°.02 0°.5/ 6.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 18.63	− 1 34.3	1.955	2.786	14.4	21.0
8 9	23 15.38	− 2 12.5	1.882	2.791	11.2	20.8
8 19	23 10.27	− 3 5.7	1.830	2.797	7.5	20.6
8 29	23 3.80	− 4 10.1	1.803	2.803	3.5	20.4
9 8	22 56.72	− 5 20.0	1.803	2.810	0.9	20.2
9 18	22 49.86	− 6 29.0	1.830	2.816	4.9	20.5
9 28	22 44.05	− 7 30.7	1.885	2.823	8.8	20.7
10 8	22 39.95	− 8 20.4	1.963	2.830	12.1	21.0

107451 2001 DG_{20} 9 5.7 127°.47 3°.6/ 2.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 23.31	−10 24.2	1.641	2.499	15.4	20.4
8 9	23 19.36	−11 56.6	1.580	2.509	11.7	20.2
8 19	23 13.06	−13 40.5	1.541	2.518	7.6	20.0
8 29	23 5.07	−15 27.0	1.528	2.528	4.1	19.8
9 8	22 56.33	−17 5.9	1.541	2.536	4.6	19.9
9 18	22 47.94	−18 28.5	1.582	2.545	8.3	20.1
9 28	22 40.94	−19 28.8	1.648	2.553	12.1	20.3
10 8	22 36.11	−20 4.6	1.736	2.560	15.4	20.6

221898 2008 KN_{13} 9 5.7 15°.37 0°.5/ 5.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 18.63	− 5 23.3	1.737	2.587	15.0	20.2
8 9	23 15.60	− 5 52.0	1.669	2.592	11.6	20.0
8 19	23 10.51	− 6 33.3	1.623	2.597	7.6	19.8
8 29	23 3.92	− 7 22.8	1.600	2.603	3.3	19.5
9 8	22 56.68	− 8 14.5	1.604	2.610	1.4	19.4
9 18	22 49.72	− 9 2.2	1.634	2.618	5.7	19.7
9 28	22 43.96	− 9 40.3	1.690	2.626	9.7	20.0
10 8	22 40.09	−10 5.0	1.769	2.635	13.2	20.2

73866 1997 AB_{1} 9 5.7 324°.54 4°.5/ 2.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 17.40	−11 47.2	1.080	1.975	18.9	18.3
8 9	23 16.28	−12 38.2	0.998	1.947	14.7	18.0
8 19	23 11.95	−13 44.7	0.935	1.920	9.9	17.6
8 29	23 4.92	−14 58.4	0.892	1.894	5.4	17.3
9 8	22 56.31	−16 7.2	0.870	1.869	5.8	17.2
9 18	22 47.68	−16 59.0	0.870	1.846	10.9	17.4
9 28	22 40.76	−17 24.6	0.890	1.824	16.4	17.6
10 8	22 36.90	−17 20.3	0.927	1.803	21.4	17.9

432616 2010 UQ_{92} 9 5.7 296°.78 9°.2/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 25.85	−22 45.7	1.376	2.254	16.6	20.7
8 9	23 22.57	−24 19.3	1.289	2.221	13.5	20.5
8 19	23 16.04	−25 57.6	1.222	2.188	10.6	20.2
8 29	23 6.73	−27 28.3	1.177	2.154	9.2	20.0
9 8	22 55.77	−28 37.7	1.156	2.120	10.7	20.0
9 18	22 44.69	−29 15.0	1.158	2.086	14.2	20.1
9 28	22 35.22	−29 14.9	1.180	2.052	18.2	20.3
10 8	22 28.71	−28 38.6	1.219	2.018	22.0	20.4

20537 Sandraderosa 9 5.7 162°.72 1°.8/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 27.57	− 1 17.2	1.600	2.426	17.2	18.5
8 9	23 22.77	− 1 9.4	1.523	2.428	13.7	18.2
8 19	23 15.43	− 1 16.9	1.467	2.430	9.5	18.0
8 29	23 6.17	− 1 37.7	1.434	2.432	4.9	17.7
9 8	22 56.01	− 2 7.5	1.428	2.433	1.8	17.5
9 18	22 46.12	− 2 40.9	1.448	2.435	5.8	17.8
9 28	22 37.68	− 3 11.7	1.494	2.436	10.3	18.1
10 8	22 31.58	− 3 34.9	1.563	2.436	14.3	18.3

391578 2007 TF_{322} 9 5.7 328°.91 4°.6/ 2.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 21.99	−15 1.3	1.468	2.343	16.0	20.4
8 9	23 18.85	−15 43.4	1.392	2.329	12.4	20.2
8 19	23 13.05	−16 31.9	1.336	2.315	8.4	19.9
8 29	23 5.20	−17 19.4	1.303	2.302	5.1	19.7
9 8	22 56.31	−17 57.5	1.295	2.289	5.5	19.7
9 18	22 47.64	−18 19.3	1.312	2.278	9.2	19.9
9 28	22 40.45	−18 20.2	1.352	2.267	13.4	20.1
10 8	22 35.70	−17 59.5	1.412	2.257	17.2	20.3

333759 2011 BT_{78} 9 5.7 71°.74 5°.7/10.3 18

7 30	23 27.18	+ 7 53.7	1.546	2.337	19.3	20.4
8 9	23 22.36	+ 8 30.6	1.486	2.358	15.9	20.2
8 19	23 15.05	+ 8 45.1	1.444	2.378	12.1	20.0
8 29	23 5.95	+ 8 36.5	1.424	2.398	8.3	19.8
9 8	22 56.12	+ 8 7.3	1.429	2.419	5.8	19.8
9 18	22 46.74	+ 7 22.7	1.459	2.439	6.8	19.9
9 28	22 38.93	+ 6 30.3	1.515	2.459	10.0	20.1
10 8	22 33.48	+ 5 38.2	1.594	2.479	13.4	20.4

403760 2011 BY_{83} 9 5.7 269°.21 2°.3/ 3.0 18

7 30	23 20.69	−12 1.1	2.467	3.312	11.3	21.4
8 9	23 16.71	−12 39.7	2.377	3.298	8.7	21.2
8 19	23 11.06	−13 24.0	2.310	3.285	5.7	21.0
8 29	23 4.16	−14 9.9	2.271	3.271	2.9	20.8
9 8	22 56.65	−14 52.5	2.259	3.257	2.9	20.7
9 18	22 49.22	−15 27.4	2.276	3.243	5.8	20.9
9 28	22 42.64	−15 51.0	2.320	3.228	8.8	21.1
10 8	22 37.50	−16 1.3	2.388	3.214	11.6	21.2

392454 2010 VZ_{121} 9 5.7 327°.88 1°.1/ 7.8 16

7 30	23 13.98	+ 0 28.8	4.363	5.154	7.7	21.6
8 9	23 10.80	+ 0 19.8	4.270	5.153	6.1	21.5
8 19	23 6.77	+ 0 3.9	4.201	5.152	4.3	21.4
8 29	23 2.16	− 0 17.7	4.160	5.152	2.3	21.2
9 8	22 57.27	− 0 43.2	4.147	5.151	1.1	21.1
9 18	22 52.45	− 1 10.8	4.165	5.150	2.4	21.2
9 28	22 48.05	− 1 38.3	4.212	5.150	4.3	21.4
10 8	22 44.37	− 2 3.5	4.286	5.149	6.2	21.5

220861 2004 VV_{86} 9 5.7 250°.88 1°.4/ 4.1 18

7 30	23 21.87	− 9 43.7	2.535	3.370	11.3	20.8
8 9	23 17.53	−10 8.1	2.444	3.360	8.7	20.6
8 19	23 11.56	−10 38.9	2.376	3.349	5.7	20.4
8 29	23 4.37	−11 12.5	2.336	3.338	2.6	20.1
9 8	22 56.60	−11 44.8	2.324	3.327	2.0	20.1
9 18	22 48.92	−12 12.0	2.341	3.315	5.0	20.3
9 28	22 42.07	−12 30.7	2.385	3.304	8.2	20.5
10 8	22 36.66	−12 38.7	2.455	3.292	11.0	20.6

471122 2010 CJ_{184} 9 5.7 170°.09 5°.5/29.0 16

7 30	23 22.75	−17 49.3	2.267	3.121	11.8	21.2
8 9	23 18.49	−20 4.1	2.202	3.125	9.1	21.0
8 19	23 12.34	−22 23.6	2.163	3.128	6.7	20.9
8 29	23 4.76	−24 38.7	2.153	3.131	5.5	20.8
9 8	22 56.48	−26 40.1	2.172	3.133	6.6	20.9
9 18	22 48.33	−28 20.5	2.221	3.135	9.1	21.0
9 28	22 41.16	−29 35.7	2.295	3.136	11.7	21.2
10 8	22 35.68	−30 24.7	2.391	3.136	14.0	21.4

407108 2009 SS_{292} 9 5.7 230°.71 3°.3/ 9.8 18

7 30	23 18.45	+ 7 3.8	2.506	3.281	13.1	21.5
8 9	23 14.93	+ 6 54.7	2.413	3.279	10.8	21.4
8 19	23 9.85	+ 6 29.6	2.342	3.276	8.1	21.2
8 29	23 3.63	+ 5 49.3	2.295	3.273	5.3	21.0
9 8	22 56.85	+ 4 56.5	2.276	3.271	3.3	20.9
9 18	22 50.17	+ 3 55.4	2.285	3.268	4.4	21.0
9 28	22 44.27	+ 2 51.1	2.322	3.265	7.0	21.1
10 8	22 39.74	+ 1 49.1	2.385	3.262	9.8	21.3

263068 2007 JL_{31} 9 5.7 203°.10 3°.2/ 9.7 18

7 30	23 18.81	+ 6 48.5	2.509	3.285	13.1	21.2
8 9	23 15.19	+ 6 40.2	2.418	3.284	10.7	21.1
8 19	23 10.02	+ 6 16.1	2.348	3.283	8.0	20.9
8 29	23 3.70	+ 5 37.1	2.302	3.281	5.2	20.7
9 8	22 56.83	+ 4 46.0	2.284	3.280	3.3	20.6
9 18	22 50.07	+ 3 46.7	2.295	3.278	4.3	20.7
9 28	22 44.10	+ 2 44.4	2.333	3.276	7.0	20.8
10 8	22 39.50	+ 1 44.4	2.398	3.274	9.8	21.0

126906 2002 EX_{114} 9 5.7 154°.95 3°.4/ 1.8 18

7 30	23 22.30	−15 47.4	2.481	3.329	11.1	19.6
8 9	23 17.82	−16 33.4	2.411	3.333	8.5	19.4
8 19	23 11.70	−17 22.3	2.365	3.337	5.8	19.2
8 29	23 4.42	−18 9.1	2.346	3.340	3.6	19.1
9 8	22 56.63	−18 48.8	2.355	3.344	4.0	19.1
9 18	22 49.06	−19 17.4	2.393	3.347	6.4	19.3
9 28	22 42.42	−19 32.3	2.457	3.349	9.1	19.5
10 8	22 37.29	−19 32.4	2.545	3.352	11.6	19.7

53788 2000 EW_{103} 9 5.7 29°.89 4°.9/10.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 18.99	+10 16.1	1.569	2.362	19.0	18.2
8 9	23 16.25	+ 9 55.2	1.490	2.363	15.8	18.0
8 19	23 11.18	+ 9 5.8	1.429	2.365	12.0	17.8
8 29	23 4.34	+ 7 48.5	1.389	2.367	8.0	17.5
9 8	22 56.64	+ 6 8.1	1.374	2.369	5.1	17.4
9 18	22 49.15	+ 4 13.2	1.385	2.371	6.2	17.5
9 28	22 42.96	+ 2 15.1	1.422	2.373	9.8	17.7
10 8	22 38.90	+ 0 24.8	1.482	2.375	13.7	17.9

417317 2006 BL_{168} 9 5.7 285°.50 1°.0/ 6.3 17

7 30	23 26.92	− 3 30.1	1.314	2.163	19.0	21.1
8 9	23 22.90	− 3 23.9	1.238	2.157	15.1	20.9
8 19	23 15.89	− 3 33.7	1.181	2.152	10.3	20.6
8 29	23 6.53	− 3 56.8	1.145	2.146	4.9	20.3
9 8	22 55.98	− 4 27.7	1.134	2.140	1.4	20.0
9 18	22 45.66	− 4 59.9	1.147	2.135	6.8	20.4
9 28	22 37.03	− 5 26.2	1.185	2.130	12.1	20.6
10 8	22 31.15	− 5 41.3	1.244	2.124	16.7	20.9

432659 2011 AF_{12} 9 5.7 246°.23 1°.2/ 4.6 17

7 30	23 23.98	− 6 21.2	1.740	2.583	15.3	22.1
8 9	23 20.00	− 7 3.3	1.651	2.571	11.9	21.9
8 19	23 13.66	− 7 59.2	1.584	2.558	7.9	21.6
8 29	23 5.47	− 9 4.1	1.541	2.544	3.4	21.3
9 8	22 56.30	−10 11.2	1.525	2.530	2.1	21.2
9 18	22 47.22	−11 12.8	1.537	2.516	6.6	21.4
9 28	22 39.35	−12 2.2	1.574	2.502	11.0	21.7
10 8	22 33.57	−12 35.1	1.634	2.487	14.9	21.9

302772 2002 VD_{135} 9 5.7 328°.08 5°.0/ 9.7 18

7 30	23 19.70	+ 6 13.1	1.622	2.430	17.8	20.5
8 9	23 16.87	+ 6 40.8	1.531	2.416	14.8	20.3
8 19	23 11.68	+ 6 48.3	1.459	2.403	11.2	20.0
8 29	23 4.62	+ 6 34.8	1.409	2.390	7.5	19.8
9 8	22 56.55	+ 6 2.0	1.383	2.378	5.1	19.6
9 18	22 48.51	+ 5 14.4	1.382	2.366	6.4	19.7
9 28	22 41.67	+ 4 19.3	1.405	2.355	10.1	19.8
10 8	22 36.94	+ 3 24.5	1.452	2.345	13.9	20.1

60596 2000 EZ_{150} 9 5.7 263°.37 1°.2/ 6.7 18

7 30	23 23.42	− 1 9.7	1.686	2.516	16.3	19.6
8 9	23 19.66	− 1 25.2	1.594	2.502	13.0	19.4
8 19	23 13.49	− 1 57.7	1.522	2.488	9.0	19.1
8 29	23 5.42	− 2 44.6	1.474	2.473	4.4	18.8
9 8	22 56.32	− 3 40.9	1.452	2.459	1.3	18.5
9 18	22 47.27	− 4 39.8	1.457	2.444	5.7	18.8
9 28	22 39.43	− 5 34.1	1.487	2.428	10.4	19.1
10 8	22 33.71	− 6 17.5	1.541	2.413	14.5	19.3

261621 2005 YK_{22} 9 5.7 327°.49 0°.7/ 5.1 18

7 30	23 19.20	− 6 14.7	1.791	2.641	14.7	20.9
8 9	23 16.21	− 6 36.2	1.703	2.625	11.4	20.7
8 19	23 11.08	− 7 9.6	1.635	2.610	7.6	20.4
8 29	23 4.30	− 7 51.2	1.592	2.595	3.3	20.1
9 8	22 56.67	− 8 35.6	1.575	2.581	1.5	19.9
9 18	22 49.13	− 9 16.6	1.584	2.567	5.9	20.2
9 28	22 42.69	− 9 48.8	1.619	2.554	10.1	20.4
10 8	22 38.15	−10 8.1	1.676	2.542	13.9	20.6

48677 1996 AQ_{7} 9 5.7 216°.08 0°.7/ 5.1 18 R

7 30	23 25.42	− 5 50.7	1.879	2.713	14.7	20.4
8 9	23 20.86	− 6 19.1	1.793	2.707	11.4	20.1
8 19	23 14.08	− 6 59.6	1.729	2.700	7.6	19.9
8 29	23 5.61	− 7 48.1	1.691	2.693	3.3	19.6
9 8	22 56.29	− 8 38.9	1.679	2.685	1.5	19.5
9 18	22 47.12	− 9 25.9	1.696	2.677	5.8	19.7
9 28	22 39.13	−10 3.5	1.739	2.668	10.0	20.0
10 8	22 33.11	−10 28.1	1.806	2.659	13.6	20.2

357546 Edwardhalbach 9 5.7 45°.21 1°.9/ 7.9 18

7 30	23 18.08	+ 2 49.4	2.025	2.836	14.6	20.4
8 9	23 14.92	+ 2 16.4	1.949	2.843	11.7	20.2
8 19	23 9.97	+ 1 25.7	1.894	2.850	8.2	20.0
8 29	23 3.72	+ 0 20.3	1.864	2.858	4.5	19.8
9 8	22 56.88	− 0 54.9	1.861	2.865	1.9	19.7
9 18	22 50.24	− 2 13.4	1.885	2.873	4.5	19.9
9 28	22 44.61	− 3 28.6	1.937	2.881	8.2	20.1
10 8	22 40.62	− 4 34.4	2.014	2.889	11.5	20.3

401580 2013 FM_{27} 9 5.7 53°.10 0°.3/ 5.4 18

7 30	23 20.23	− 4 50.2	2.049	2.885	13.6	20.9
8 9	23 16.47	− 5 20.5	1.983	2.898	10.5	20.8
8 19	23 10.92	− 6 1.9	1.940	2.911	6.9	20.6
8 29	23 4.11	− 6 50.4	1.922	2.925	3.0	20.4
9 8	22 56.78	− 7 40.9	1.932	2.939	1.1	20.2
9 18	22 49.72	− 8 28.1	1.969	2.952	5.0	20.5
9 28	22 43.73	− 9 7.3	2.034	2.967	8.5	20.8
10 8	22 39.41	− 9 35.2	2.122	2.981	11.7	21.0

404010 2012 CU_7 9 5.7 260°.75 3°.1/ 8.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 22.14	+ 3 47.2	2.327	3.116	13.6	21.4
8 9	23 17.93	+ 4 1.2	2.232	3.109	11.1	21.2
8 19	23 11.94	+ 4 1.5	2.159	3.102	8.1	21.0
8 29	23 4.61	+ 3 48.7	2.110	3.094	5.1	20.8
9 8	22 56.61	+ 3 24.8	2.089	3.087	3.1	20.7
9 18	22 48.68	+ 2 53.2	2.096	3.079	4.6	20.7
9 28	22 41.63	+ 2 18.2	2.130	3.072	7.7	20.9
10 8	22 36.12	+ 1 44.7	2.190	3.064	10.7	21.1

517357 2014 JP_{86} 9 5.7 224°.90 3°.0/ 9.3 18

7 30	23 20.28	+ 6 19.9	2.390	3.169	13.6	22.1
8 9	23 16.47	+ 6 1.8	2.291	3.161	11.1	21.9
8 19	23 10.96	+ 5 26.7	2.213	3.152	8.2	21.7
8 29	23 4.18	+ 4 35.5	2.160	3.143	5.2	21.5
9 8	22 56.74	+ 3 31.4	2.135	3.133	3.1	21.3
9 18	22 49.36	+ 2 19.1	2.138	3.123	4.4	21.4
9 28	22 42.81	+ 1 4.6	2.170	3.112	7.5	21.6
10 8	22 37.71	− 0 6.1	2.228	3.101	10.6	21.8

281774 2009 RG_{76} 9 5.7 283°.40 0°.4/ 5.3 17

7 30	23 20.33	− 5 34.6	2.378	3.208	12.2	21.7
8 9	23 16.57	− 5 59.5	2.276	3.187	9.5	21.5
8 19	23 11.07	− 6 34.5	2.196	3.166	6.3	21.3
8 29	23 4.25	− 7 16.4	2.143	3.145	2.8	21.0
9 8	22 56.71	− 8 1.1	2.118	3.124	1.1	20.9
9 18	22 49.20	− 8 44.0	2.121	3.103	4.8	21.1
9 28	22 42.48	− 9 20.5	2.152	3.081	8.3	21.3
10 8	22 37.23	− 9 47.1	2.207	3.060	11.5	21.5

6351 Neumann 9 5.7 304°.81 0°.6/ 6.5 18

7 30	23 18.00	− 1 16.0	2.426	3.244	12.3	17.5
8 9	23 14.60	− 1 51.5	2.342	3.244	9.6	17.3
8 19	23 9.64	− 2 39.5	2.280	3.244	6.5	17.1
8 29	23 3.56	− 3 37.2	2.244	3.244	3.1	16.9
9 8	22 56.94	− 4 40.2	2.237	3.243	0.8	16.7
9 18	22 50.45	− 5 43.3	2.258	3.243	4.2	17.0
9 28	22 44.78	− 6 41.6	2.307	3.243	7.5	17.2
10 8	22 40.49	− 7 30.8	2.381	3.243	10.5	17.4

465614 2009 DU_{130} 9 5.7 70°.57 1°.5/ 6.9 17

7 30	23 23.82	+ 0 40.3	1.306	2.147	19.6	21.1
8 9	23 20.14	+ 0 8.3	1.251	2.164	15.4	20.9
8 19	23 13.77	− 0 46.1	1.215	2.182	10.5	20.7
8 29	23 5.46	− 1 58.4	1.200	2.199	5.2	20.4
9 8	22 56.39	− 3 20.2	1.210	2.217	1.6	20.2
9 18	22 47.82	− 4 41.8	1.246	2.234	6.2	20.6
9 28	22 40.98	− 5 53.9	1.306	2.252	11.1	20.9
10 8	22 36.66	− 6 49.8	1.388	2.269	15.3	21.2

505806 2015 BF_{400} 9 5.7 46°.48 5°.5/ 1.4 17

7 30	23 23.87	−15 23.0	1.336	2.214	17.1	20.8
8 9	23 20.30	−16 35.7	1.284	2.222	13.1	20.5
8 19	23 13.94	−17 55.0	1.251	2.230	8.9	20.3
8 29	23 5.56	−19 10.6	1.242	2.238	5.8	20.2
9 8	22 56.36	−20 12.2	1.257	2.247	6.5	20.3
9 18	22 47.65	−20 52.2	1.297	2.255	10.1	20.5
9 28	22 40.70	−21 6.5	1.359	2.265	14.0	20.7
10 8	22 36.35	−20 55.7	1.441	2.274	17.5	21.0

511663 2015 BF_{303} 9 5.7 236°.36 5°.3/ 1.2 18

7 30	23 25.34	−16 39.8	1.633	2.498	15.1	20.7
8 9	23 21.15	−17 45.0	1.563	2.494	11.7	20.5
8 19	23 14.42	−18 55.3	1.515	2.489	8.1	20.3
8 29	23 5.79	−20 2.3	1.492	2.484	5.5	20.1
9 8	22 56.27	−20 57.1	1.494	2.480	6.2	20.1
9 18	22 47.03	−21 33.0	1.522	2.475	9.5	20.3
9 28	22 39.25	−21 45.9	1.574	2.470	13.1	20.5
10 8	22 33.78	−21 35.8	1.647	2.464	16.4	20.7

170654 2003 YT_{128} 9 5.7 228°.11 4°.4/ 1.1 18

7 30	23 23.56	−17 6.5	2.133	2.987	12.5	20.5
8 9	23 19.20	−18 4.4	2.056	2.981	9.6	20.3
8 19	23 12.84	−19 5.8	2.003	2.974	6.7	20.1
8 29	23 5.02	−20 4.1	1.976	2.967	4.6	19.9
9 8	22 56.51	−20 53.0	1.977	2.960	5.2	20.0
9 18	22 48.17	−21 27.2	2.004	2.953	7.8	20.1
9 28	22 40.92	−21 43.4	2.058	2.945	10.9	20.3
10 8	22 35.45	−21 41.0	2.134	2.937	13.6	20.5

220116 2002 TU_{44} 9 5.7 1°.20 6°.7/ 1.5 17

7 30	23 23.43	−17 59.9	1.115	2.007	18.7	19.3
8 9	23 20.56	−18 47.9	1.060	2.004	14.6	19.1
8 19	23 14.43	−19 39.2	1.024	2.003	10.2	18.8
8 29	23 5.87	−20 23.5	1.008	2.003	7.0	18.6
9 8	22 56.27	−20 50.3	1.015	2.004	7.6	18.7
9 18	22 47.21	−20 52.6	1.044	2.006	11.4	18.9
9 28	22 40.21	−20 28.1	1.093	2.010	15.7	19.2
10 8	22 36.21	−19 38.6	1.162	2.014	19.6	19.4

221584 2006 VK_{130} 9 5.7 45°.97 3°.4/ 3.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 24.47	−10 53.9	1.209	2.085	18.6	19.8
8 9	23 20.82	−11 42.9	1.163	2.101	14.2	19.5
8 19	23 14.27	−12 42.4	1.136	2.117	9.2	19.3
8 29	23 5.68	−13 44.0	1.132	2.134	4.6	19.1
9 8	22 56.34	−14 37.7	1.151	2.151	4.3	19.2
9 18	22 47.66	−15 15.9	1.194	2.169	8.7	19.5
9 28	22 40.88	−15 33.6	1.261	2.187	13.2	19.8
10 8	22 36.81	−15 30.0	1.347	2.206	17.0	20.1

517011 2012 TZ_{307} 9 5.7 314°.18 3°.3/ 3.3 18

7 30	23 23.16	−12 21.1	1.463	2.331	16.3	20.7
8 9	23 19.99	−12 48.0	1.371	2.304	12.8	20.5
8 19	23 14.03	−13 23.9	1.299	2.278	8.6	20.1
8 29	23 5.79	−14 2.6	1.250	2.251	4.4	19.8
9 8	22 56.25	−14 36.6	1.225	2.226	4.2	19.8
9 18	22 46.71	−14 58.4	1.226	2.200	8.6	19.9
9 28	22 38.55	−15 2.6	1.250	2.176	13.3	20.1
10 8	22 32.88	−14 46.8	1.294	2.152	17.7	20.3

363987 2005 UX_{252} 9 5.7 279°.48 4°.2/10.2 18

7 30	23 19.70	+ 8 5.7	2.265	3.039	14.4	21.5
8 9	23 16.20	+ 8 11.2	2.162	3.024	12.0	21.3
8 19	23 10.89	+ 7 59.3	2.079	3.009	9.2	21.1
8 29	23 4.20	+ 7 29.8	2.020	2.993	6.3	20.9
9 8	22 56.77	+ 6 44.6	1.987	2.978	4.3	20.7
9 18	22 49.34	+ 5 47.6	1.982	2.963	5.2	20.8
9 28	22 42.75	+ 4 44.5	2.004	2.947	8.0	20.9
10 8	22 37.70	+ 3 41.5	2.051	2.932	11.1	21.1

344972 2004 XN_{69} 9 5.7 343°.43 7°.3/11.2 18

7 30	23 20.63	+ 9 40.4	1.450	2.249	19.9	19.5
8 9	23 17.86	+10 32.7	1.368	2.242	16.9	19.2
8 19	23 12.49	+11 1.9	1.304	2.234	13.4	19.0
8 29	23 5.06	+11 4.9	1.260	2.228	9.9	18.8
9 8	22 56.52	+10 42.1	1.238	2.223	7.4	18.6
9 18	22 48.07	+ 9 57.3	1.240	2.218	8.1	18.7
9 28	22 41.01	+ 8 58.4	1.266	2.214	11.1	18.8
10 8	22 36.33	+ 7 55.1	1.314	2.211	14.8	19.0

418339 2008 GL_{21} 9 5.7 137°.20 1°.1/ 6.7 17

7 30	23 25.63	− 1 0.4	1.793	2.614	15.9	21.7
8 9	23 20.96	− 1 20.9	1.722	2.624	12.5	21.5
8 19	23 14.08	− 1 57.0	1.670	2.633	8.5	21.3
8 29	23 5.59	− 2 45.6	1.644	2.642	4.2	21.1
9 8	22 56.40	− 3 41.1	1.644	2.651	1.2	20.9
9 18	22 47.50	− 4 37.5	1.673	2.659	5.3	21.2
9 28	22 39.89	− 5 28.2	1.728	2.666	9.4	21.4
10 8	22 34.32	− 6 8.4	1.807	2.673	13.0	21.7

65420 2002 TF_{51} 9 5.7 2°.35 3°.1/ 8.2 16

7 30	23 14.30	+ 3 8.4	1.055	1.918	21.7	19.1
8 9	23 13.51	+ 2 58.1	0.993	1.916	17.5	18.8
8 19	23 9.83	+ 2 18.5	0.946	1.915	12.5	18.5
8 29	23 3.89	+ 1 11.7	0.919	1.915	7.0	18.2
9 8	22 56.88	− 0 14.4	0.913	1.917	3.1	18.0
9 18	22 50.18	− 1 48.4	0.929	1.921	6.8	18.3
9 28	22 45.21	− 3 17.3	0.967	1.926	12.2	18.6
10 8	22 42.95	− 4 30.2	1.025	1.933	17.0	18.9

356656 2011 UG_{67} 9 5.7 3°.72 0°.5/ 5.2 18

7 30	23 18.84	− 4 26.9	1.644	2.494	15.7	20.5
8 9	23 15.99	− 5 7.3	1.571	2.494	12.2	20.3
8 19	23 10.95	− 6 2.8	1.520	2.494	8.0	20.1
8 29	23 4.27	− 7 8.8	1.492	2.495	3.5	19.8
9 8	22 56.82	− 8 18.1	1.490	2.496	1.4	19.6
9 18	22 49.61	− 9 23.1	1.514	2.498	6.0	20.0
9 28	22 43.64	−10 17.0	1.563	2.500	10.3	20.2
10 8	22 39.67	−10 55.2	1.636	2.503	14.1	20.5

142769 2002 UB_6 9 5.7 230°.71 0°.2/ 5.5 18

7 30	23 20.29	− 3 12.6	2.235	3.061	13.0	20.2
8 9	23 16.59	− 3 59.6	2.144	3.053	10.1	20.0
8 19	23 11.11	− 5 0.0	2.076	3.044	6.7	19.8
8 29	23 4.30	− 6 10.1	2.034	3.035	3.0	19.6
9 8	22 56.81	− 7 24.4	2.020	3.026	1.0	19.4
9 18	22 49.41	− 8 36.9	2.035	3.017	4.9	19.7
9 28	22 42.90	− 9 41.6	2.077	3.007	8.6	19.9
10 8	22 37.94	−10 34.1	2.145	2.997	11.8	20.1

451314 2010 UW_{53} 9 5.7 316°.19 4°.2/ 1.9 18

7 30	23 24.05	−17 12.2	2.035	2.892	12.9	21.4
8 9	23 19.64	−17 46.5	1.959	2.885	10.0	21.2
8 19	23 13.18	−18 23.0	1.906	2.878	6.9	21.0
8 29	23 5.21	−18 56.1	1.878	2.871	4.4	20.8
9 8	22 56.55	−19 19.9	1.877	2.865	4.8	20.9
9 18	22 48.12	−19 30.3	1.903	2.859	7.6	21.0
9 28	22 40.84	−19 24.4	1.954	2.853	10.8	21.2
10 8	22 35.43	−19 2.2	2.028	2.847	13.7	21.4

337169 1999 VP_{14} 9 5.7 192°.86 5°.5/31.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 27.52	−21 9.4	2.086	2.938	12.8	21.1
8 9	23 22.26	−22 0.3	2.017	2.937	10.1	20.9
8 19	23 14.87	−22 50.7	1.971	2.935	7.3	20.7
8 29	23 5.94	−23 33.8	1.951	2.933	5.6	20.6
9 8	22 56.34	−24 3.3	1.958	2.931	6.3	20.7
9 18	22 47.04	−24 15.1	1.993	2.929	8.7	20.8
9 28	22 38.99	−24 7.1	2.052	2.926	11.5	21.0
10 8	22 32.91	−23 40.2	2.134	2.922	14.1	21.2

377623 2005 SZ_{203} 9 5.7 240°.61 0°.6/ 6.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 23.35	− 2 2.1	1.836	2.663	15.3	22.2
8 9	23 19.39	− 2 28.6	1.745	2.653	12.1	22.0
8 19	23 13.21	− 3 10.9	1.676	2.642	8.2	21.7
8 29	23 5.31	− 4 5.7	1.630	2.631	3.9	21.4
9 8	22 56.51	− 5 7.7	1.612	2.619	1.0	21.2
9 18	22 47.80	− 6 10.2	1.622	2.607	5.5	21.5
9 28	22 40.21	− 7 6.4	1.658	2.595	9.8	21.7
10 8	22 34.57	− 7 51.0	1.717	2.582	13.6	21.9

298062 2002 QX_{85} 9 5.7 268°.51 3°.6/ 8.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 25.60	+ 3 11.6	1.971	2.768	15.5	20.9
8 9	23 21.00	+ 3 41.9	1.876	2.758	12.6	20.7
8 19	23 14.22	+ 3 57.9	1.803	2.748	9.3	20.5
8 29	23 5.75	+ 3 59.5	1.753	2.738	5.8	20.3
9 8	22 56.39	+ 3 48.3	1.730	2.728	3.6	20.1
9 18	22 47.08	+ 3 27.5	1.734	2.718	5.4	20.2
9 28	22 38.84	+ 3 1.8	1.765	2.707	9.0	20.4
10 8	22 32.49	+ 2 36.6	1.821	2.697	12.5	20.6

314594 2006 AV_{47} 9 5.7 155°.94 1°.0/ 4.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 19.68	− 7 20.1	2.896	3.723	10.3	21.7
8 9	23 15.60	− 8 1.9	2.818	3.730	7.9	21.6
8 19	23 10.17	− 8 50.9	2.765	3.735	5.1	21.4
8 29	23 3.79	− 9 43.7	2.739	3.741	2.2	21.2
9 8	22 56.99	−10 36.2	2.742	3.746	1.5	21.2
9 18	22 50.34	−11 24.6	2.775	3.751	4.3	21.4
9 28	22 44.41	−12 5.3	2.836	3.755	7.0	21.6
10 8	22 39.68	−12 35.8	2.924	3.759	9.5	21.7

240934 2006 FK_{42} 9 5.7 283°.61 2°.9/ 8.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 18.93	+ 5 23.4	1.780	2.587	16.5	20.6
8 9	23 16.08	+ 4 54.1	1.685	2.574	13.5	20.4
8 19	23 11.08	+ 4 1.8	1.609	2.560	9.8	20.1
8 29	23 4.39	+ 2 48.0	1.557	2.546	5.8	19.9
9 8	22 56.79	+ 1 17.4	1.530	2.532	2.9	19.6
9 18	22 49.23	− 0 22.4	1.530	2.519	5.3	19.8
9 28	22 42.73	− 2 2.0	1.557	2.505	9.5	20.0
10 8	22 38.14	− 3 32.6	1.608	2.491	13.4	20.2

259006 2002 TU_{104} 9 5.7 284°.75 3°.8/ 8.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 21.55	+ 5 7.1	1.543	2.358	18.3	20.7
8 9	23 18.40	+ 5 6.1	1.458	2.349	15.0	20.5
8 19	23 12.77	+ 4 42.4	1.391	2.341	11.0	20.3
8 29	23 5.18	+ 3 56.2	1.345	2.333	6.8	20.0
9 8	22 56.56	+ 2 51.8	1.325	2.325	3.9	19.8
9 18	22 48.04	+ 1 36.0	1.329	2.317	6.1	19.9
9 28	22 40.82	+ 0 18.0	1.360	2.309	10.4	20.1
10 8	22 35.85	− 0 53.4	1.412	2.301	14.5	20.4

16049 1999 JS_{32} 9 5.7 55°.82 0°.5/ 5.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 20.55	− 5 2.7	2.006	2.844	13.8	18.1
8 9	23 16.88	− 5 38.1	1.931	2.846	10.7	17.9
8 19	23 11.33	− 6 25.3	1.877	2.849	7.0	17.7
8 29	23 4.39	− 7 20.3	1.849	2.852	3.0	17.4
9 8	22 56.82	− 8 17.6	1.849	2.855	1.3	17.3
9 18	22 49.45	− 9 11.3	1.876	2.858	5.3	17.6
9 28	22 43.15	− 9 56.2	1.929	2.861	9.0	17.8
10 8	22 38.55	−10 28.5	2.007	2.864	12.3	18.0

483314 2015 VA_{143} 9 5.7 302°.56 6°.7/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 21.57	−23 34.4	2.088	2.951	12.4	20.5
8 9	23 17.82	−24 50.9	2.019	2.942	9.9	20.3
8 19	23 12.04	−26 6.5	1.973	2.932	7.7	20.2
8 29	23 4.73	−27 13.5	1.952	2.923	6.7	20.1
9 8	22 56.71	−28 4.6	1.958	2.914	7.6	20.1
9 18	22 48.89	−28 35.0	1.989	2.905	9.8	20.2
9 28	22 42.19	−28 41.9	2.044	2.896	12.4	20.4
10 8	22 37.33	−28 26.1	2.119	2.888	14.8	20.6

289133 2004 UY_{8} 9 5.7 2°.44 7°.7/10.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 27.30	+ 6 47.8	1.360	2.167	20.7	19.9
8 9	23 23.17	+ 8 20.9	1.286	2.166	17.4	19.6
8 19	23 16.10	+ 9 35.5	1.230	2.165	13.6	19.4
8 29	23 6.71	+10 27.4	1.195	2.166	10.0	19.2
9 8	22 56.12	+10 54.8	1.183	2.167	7.7	19.1
9 18	22 45.72	+10 59.3	1.195	2.169	8.7	19.2
9 28	22 36.97	+10 46.5	1.230	2.173	12.0	19.4
10 8	22 30.93	+10 24.6	1.287	2.177	15.6	19.6

315013 2007 BX_{33} 9 5.7 262°.26 3°.4/ 1.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 19.70	−13 1.8	2.156	3.011	12.3	21.0
8 9	23 16.19	−14 10.9	2.081	3.009	9.4	20.8
8 19	23 10.86	−15 26.8	2.031	3.006	6.3	20.6
8 29	23 4.19	−16 43.5	2.006	3.004	3.7	20.4
9 8	22 56.90	−17 54.0	2.010	3.002	4.1	20.5
9 18	22 49.77	−18 52.5	2.041	2.999	7.0	20.7
9 28	22 43.63	−19 34.5	2.098	2.997	10.1	20.8
10 8	22 39.11	−19 58.1	2.178	2.995	12.9	21.0

134954 2001 CL_{27} 9 5.7 305°.55 5°.4/ 2.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 26.12	−16 4.8	1.332	2.207	17.3	19.2
8 9	23 22.40	−16 51.3	1.259	2.195	13.5	18.9
8 19	23 15.65	−17 43.8	1.207	2.184	9.3	18.6
8 29	23 6.52	−18 33.7	1.176	2.173	5.9	18.4
9 8	22 56.21	−19 11.3	1.170	2.162	6.3	18.4
9 18	22 46.17	−19 28.9	1.188	2.151	10.2	18.6
9 28	22 37.88	−19 22.4	1.228	2.141	14.6	18.8
10 8	22 32.37	−18 52.0	1.288	2.131	18.6	19.0

162357 1999 YA_{7} 9 5.7 293°.17 1°.7/ 4.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 26.95	−10 19.7	1.764	2.611	15.0	19.0
8 9	23 22.38	−10 25.4	1.670	2.591	11.7	18.8
8 19	23 15.33	−10 38.3	1.597	2.571	7.8	18.5
8 29	23 6.33	−10 54.4	1.548	2.551	3.5	18.2
9 8	22 56.27	−11 8.5	1.526	2.530	2.4	18.1
9 18	22 46.26	−11 15.8	1.531	2.510	6.7	18.3
9 28	22 37.48	−11 12.3	1.563	2.490	11.0	18.5
10 8	22 30.88	−10 56.0	1.617	2.470	14.9	18.7

476997 2008 YN_{115} 9 5.7 273°.14 1°.9/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 22.57	− 8 44.2	1.904	2.751	14.1	21.9
8 9	23 18.78	− 9 25.9	1.811	2.733	10.9	21.7
8 19	23 12.83	−10 18.5	1.740	2.715	7.2	21.4
8 29	23 5.17	−11 17.1	1.694	2.697	3.3	21.1
9 8	22 56.61	−12 15.4	1.675	2.678	2.6	21.0
9 18	22 48.09	−13 6.6	1.684	2.659	6.5	21.3
9 28	22 40.64	−13 45.2	1.719	2.641	10.6	21.5
10 8	22 35.08	−14 7.7	1.776	2.622	14.2	21.6

63612 2001 QK_{76} 9 5.7 338°.17 4°.8/ 9.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 16.77	+ 6 28.1	1.304	2.134	20.2	18.6
8 9	23 15.10	+ 6 35.4	1.224	2.123	16.7	18.4
8 19	23 10.80	+ 6 15.7	1.160	2.113	12.6	18.1
8 29	23 4.38	+ 5 28.5	1.117	2.103	8.1	17.8
9 8	22 56.84	+ 4 17.7	1.095	2.094	4.9	17.6
9 18	22 49.40	+ 2 51.3	1.098	2.087	6.7	17.7
9 28	22 43.40	+ 1 20.4	1.123	2.080	11.2	17.9
10 8	22 39.84	− 0 3.7	1.170	2.074	15.7	18.2

405230 2003 SJ_{79} 9 5.7 324°.92 3°.5/ 9.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 16.67	+ 5 59.2	1.992	2.792	15.2	20.8
8 9	23 14.11	+ 5 51.2	1.894	2.776	12.5	20.5
8 19	23 9.65	+ 5 23.9	1.816	2.761	9.3	20.3
8 29	23 3.73	+ 4 37.8	1.762	2.746	5.9	20.1
9 8	22 57.04	+ 3 36.2	1.733	2.731	3.5	19.9
9 18	22 50.38	+ 2 24.5	1.731	2.717	5.0	20.0
9 28	22 44.64	+ 1 9.5	1.755	2.704	8.5	20.2
10 8	22 40.55	− 0 1.6	1.804	2.691	12.0	20.4

33941 2000 LX_{35} 9 5.7 1°.90 0°.6/ 6.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 21.03	− 3 12.9	1.081	1.952	20.7	17.6
8 9	23 18.75	− 3 21.1	1.019	1.951	16.3	17.4
8 19	23 13.34	− 3 49.8	0.973	1.950	11.0	17.1
8 29	23 5.51	− 4 34.9	0.947	1.950	5.1	16.8
9 8	22 56.53	− 5 28.5	0.944	1.951	1.3	16.5
9 18	22 47.92	− 6 21.1	0.964	1.953	7.3	16.9
9 28	22 41.19	− 7 3.7	1.005	1.956	12.9	17.2
10 8	22 37.38	− 7 29.9	1.066	1.960	17.8	17.5

187009 2004 TG_{137} 9 5.8 1°.23 2°.9/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 20.64	−12 17.9	1.594	2.462	15.3	19.6
8 9	23 17.46	−12 43.2	1.527	2.460	11.7	19.4
8 19	23 11.96	−13 15.5	1.481	2.460	7.7	19.2
8 29	23 4.74	−13 48.9	1.458	2.460	3.9	18.9
9 8	22 56.77	−14 17.1	1.461	2.461	3.6	18.9
9 18	22 49.12	−14 34.6	1.489	2.463	7.4	19.2
9 28	22 42.82	−14 37.3	1.541	2.466	11.3	19.4
10 8	22 38.66	−14 24.0	1.616	2.471	14.9	19.6

360932 2005 TJ_{133} 9 5.8 142°.76 3°.2/ 9.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 19.30	+ 6 36.2	2.323	3.105	13.9	21.3
8 9	23 15.71	+ 6 20.5	2.238	3.108	11.3	21.1
8 19	23 10.47	+ 5 47.6	2.173	3.111	8.4	20.9
8 29	23 4.01	+ 4 58.7	2.132	3.113	5.3	20.7
9 8	22 56.99	+ 3 57.1	2.119	3.116	3.2	20.6
9 18	22 50.10	+ 2 47.8	2.134	3.118	4.4	20.7
9 28	22 44.09	+ 1 36.6	2.177	3.121	7.4	20.9
10 8	22 39.55	+ 0 29.3	2.245	3.123	10.4	21.1

289235 2004 XY_{70} 9 5.8 297°.42 0°.1/ 5.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 24.15	− 4 57.5	1.307	2.165	18.6	21.0
8 9	23 20.96	− 5 7.9	1.224	2.149	14.7	20.7
8 19	23 14.80	− 5 34.6	1.158	2.133	9.9	20.4
8 29	23 6.22	− 6 14.1	1.115	2.117	4.5	20.1
9 8	22 56.30	− 6 59.6	1.095	2.102	1.4	19.8
9 18	22 46.45	− 7 43.3	1.100	2.087	7.2	20.1
9 28	22 38.16	− 8 17.2	1.129	2.072	12.7	20.4
10 8	22 32.59	− 8 35.8	1.177	2.057	17.5	20.6

258593 2002 CR_{194} 9 5.8 168°.77 1°.8/ 3.6 18

7 30	23 19.42	− 8 20.6	2.287	3.129	12.2	21.0
8 9	23 15.83	− 9 20.4	2.210	3.130	9.3	20.8
8 19	23 10.55	−10 29.7	2.156	3.131	6.0	20.6
8 29	23 4.05	−11 43.3	2.129	3.132	2.8	20.4
9 8	22 56.98	−12 55.5	2.131	3.132	2.4	20.4
9 18	22 50.07	−14 0.3	2.161	3.133	5.6	20.6
9 28	22 44.06	−14 53.1	2.218	3.133	8.9	20.8
10 8	22 39.56	−15 30.7	2.299	3.134	11.8	21.0

450151 1999 VK_{129} 9 5.8 359°.13 8°.4/14.6 17

7 30	23 14.53	+16 38.3	1.607	2.370	19.8	20.6
8 9	23 12.90	+17 6.9	1.528	2.366	17.2	20.4
8 19	23 9.05	+17 6.7	1.464	2.364	14.3	20.2
8 29	23 3.51	+16 34.7	1.419	2.363	11.3	20.0
9 8	22 57.12	+15 32.2	1.396	2.363	8.9	19.9
9 18	22 50.88	+14 3.9	1.396	2.364	8.5	19.9
9 28	22 45.83	+12 19.2	1.421	2.366	10.4	20.0
10 8	22 42.81	+10 29.2	1.468	2.370	13.3	20.2

432662 2011 AJ_{13} 9 5.8 268°.58 2°.9/ 3.4 18

7 30	23 26.29	−10 59.4	1.643	2.496	15.6	21.7
8 9	23 22.12	−11 40.3	1.550	2.476	12.1	21.4
8 19	23 15.31	−12 31.6	1.478	2.454	8.1	21.2
8 29	23 6.39	−13 27.5	1.431	2.432	4.0	20.9
9 8	22 56.28	−14 20.2	1.410	2.410	3.7	20.8
9 18	22 46.17	−15 2.1	1.415	2.387	7.9	21.0
9 28	22 37.36	−15 27.3	1.445	2.364	12.4	21.2
10 8	22 30.86	−15 33.1	1.497	2.341	16.5	21.4

120390 2005 QL_{79} 9 5.8 334°.45 1°.0/ 6.3 18

7 30	23 24.19	− 4 24.9	1.295	2.152	18.8	19.5
8 9	23 20.89	− 4 7.1	1.218	2.142	14.9	19.2
8 19	23 14.67	− 4 3.2	1.159	2.132	10.2	18.9
8 29	23 6.12	− 4 11.2	1.121	2.123	4.9	18.6
9 8	22 56.37	− 4 26.3	1.108	2.115	1.4	18.3
9 18	22 46.81	− 4 42.8	1.118	2.107	6.7	18.7
9 28	22 38.88	− 4 54.6	1.153	2.100	12.0	18.9
10 8	22 33.65	− 4 56.9	1.208	2.095	16.6	19.2

185681 1996 AB_{13} 9 5.8 93°.60 2°.9/ 9.2 18

7 30	23 20.43	+ 5 13.1	2.333	3.119	13.7	20.5
8 9	23 16.51	+ 5 6.5	2.256	3.130	11.1	20.3
8 19	23 10.95	+ 4 44.4	2.200	3.141	8.1	20.2
8 29	23 4.21	+ 4 8.0	2.168	3.152	5.0	20.0
9 8	22 56.96	+ 3 20.5	2.164	3.162	3.0	19.9
9 18	22 49.91	+ 2 26.2	2.188	3.173	4.4	20.0
9 28	22 43.77	+ 1 30.5	2.240	3.183	7.3	20.2
10 8	22 39.11	+ 0 38.3	2.318	3.194	10.1	20.4

354319 2002 VF_{139} 9 5.8 258°.51 2°.2/ 7.9 18

7 30	23 23.40	+ 1 19.8	2.213	3.014	13.9	21.1
8 9	23 19.10	+ 1 23.8	2.111	2.999	11.2	20.9
8 19	23 12.89	+ 1 14.4	2.031	2.983	8.0	20.7
8 29	23 5.18	+ 0 52.5	1.975	2.967	4.5	20.4
9 8	22 56.66	+ 0 21.1	1.947	2.950	2.2	20.3
9 18	22 48.16	− 0 16.1	1.948	2.933	4.7	20.4
9 28	22 40.55	− 0 54.2	1.976	2.916	8.2	20.6
10 8	22 34.57	− 1 28.2	2.029	2.899	11.6	20.8

301450 2009 DZ_{94} 9 5.8 288°.59 1°.1/ 4.6 18

7 30	23 19.91	− 5 56.7	1.912	2.756	14.1	20.8
8 9	23 16.60	− 6 46.9	1.830	2.750	10.9	20.6
8 19	23 11.28	− 7 50.1	1.770	2.745	7.1	20.4
8 29	23 4.45	− 9 1.6	1.736	2.739	3.1	20.1
9 8	22 56.89	−10 14.6	1.728	2.733	1.9	20.0
9 18	22 49.46	−11 22.2	1.749	2.728	5.9	20.3
9 28	22 43.10	−12 18.2	1.795	2.722	9.8	20.5
10 8	22 38.54	−12 58.5	1.865	2.717	13.3	20.7

64911 2001 YT_{91} 9 5.8 164°.50 3°.5/ 1.6 18

7 30	23 20.12	−13 44.0	2.168	3.024	12.3	19.7
8 9	23 16.50	−14 53.2	2.097	3.024	9.4	19.5
8 19	23 11.06	−16 8.3	2.049	3.024	6.3	19.3
8 29	23 4.30	−17 23.3	2.028	3.025	3.8	19.2
9 8	22 56.94	−18 31.4	2.035	3.025	4.3	19.2
9 18	22 49.76	−19 26.9	2.069	3.025	7.1	19.4
9 28	22 43.58	−20 5.7	2.130	3.026	10.1	19.6
10 8	22 39.03	−20 26.1	2.213	3.026	12.9	19.8

225171 2008 HC_1 9 5.8 19°.96 2°.4/ 3.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 19.29	− 6 52.4	1.312	2.182	17.8	20.1
8 9	23 16.86	− 8 3.3	1.250	2.185	13.6	19.9
8 19	23 11.79	− 9 31.5	1.209	2.189	8.8	19.6
8 29	23 4.75	−11 8.7	1.190	2.193	4.0	19.3
9 8	22 56.81	−12 44.0	1.196	2.198	3.4	19.3
9 18	22 49.22	−14 6.8	1.226	2.204	8.1	19.6
9 28	22 43.21	−15 8.7	1.280	2.210	12.8	19.9
10 8	22 39.62	−15 45.9	1.355	2.216	16.8	20.2

252138 2000 YW_{43} 9 5.8 257°.43 3°.7/ 9.7 18

7 30	23 21.69	+ 6 31.5	2.492	3.264	13.3	20.5
8 9	23 17.58	+ 6 44.1	2.387	3.250	11.0	20.3
8 19	23 11.77	+ 6 42.3	2.303	3.235	8.3	20.1
8 29	23 4.65	+ 6 26.0	2.244	3.220	5.5	19.9
9 8	22 56.84	+ 5 56.9	2.213	3.205	3.7	19.8
9 18	22 49.03	+ 5 17.9	2.209	3.190	4.7	19.8
9 28	22 42.00	+ 4 33.7	2.234	3.174	7.4	20.0
10 8	22 36.39	+ 3 49.2	2.284	3.158	10.3	20.2

70597 1999 TE_{182} 9 5.8 194°.68 2°.9/ 3.1 18

7 30	23 29.50	−14 49.3	2.311	3.147	12.3	19.9
8 9	23 23.56	−15 11.7	2.230	3.145	9.5	19.8
8 19	23 15.66	−15 36.9	2.172	3.142	6.3	19.6
8 29	23 6.34	−16 0.5	2.141	3.139	3.5	19.4
9 8	22 56.38	−16 17.6	2.139	3.135	3.5	19.4
9 18	22 46.65	−16 24.7	2.167	3.130	6.3	19.5
9 28	22 38.01	−16 19.5	2.222	3.125	9.5	19.7
10 8	22 31.16	−16 1.3	2.302	3.119	12.3	19.9

493534 2015 FU_{206} 9 5.8 350°.65 0°.9/ 7.6 17

7 30	23 13.35	+ 0 15.9	4.283	5.077	7.8	21.4
8 9	23 10.40	− 0 3.1	4.190	5.076	6.1	21.3
8 19	23 6.61	− 0 29.3	4.122	5.076	4.3	21.2
8 29	23 2.23	− 1 1.3	4.082	5.075	2.3	21.0
9 8	22 57.58	− 1 37.2	4.070	5.075	0.9	20.9
9 18	22 52.99	− 2 14.7	4.089	5.075	2.4	21.1
9 28	22 48.81	− 2 51.5	4.137	5.074	4.4	21.2
10 8	22 45.37	− 3 25.2	4.212	5.074	6.3	21.3

452716 2005 YS_{160} 9 5.8 295°.30 4°.3/10.2 17

7 30	23 19.95	+ 7 38.1	2.202	2.980	14.6	21.8
8 9	23 16.46	+ 7 50.4	2.103	2.968	12.2	21.6
8 19	23 11.14	+ 7 45.7	2.024	2.955	9.3	21.4
8 29	23 4.41	+ 7 23.7	1.969	2.943	6.3	21.2
9 8	22 56.93	+ 6 46.3	1.939	2.931	4.3	21.1
9 18	22 49.49	+ 5 57.0	1.937	2.918	5.2	21.1
9 28	22 42.92	+ 5 1.5	1.963	2.906	8.1	21.2
10 8	22 37.91	+ 4 5.7	2.013	2.895	11.2	21.4

257681 1999 VG_{136} 9 5.8 284°.88 0°.3/ 6.0 18

7 30	23 20.20	− 3 28.6	2.247	3.073	12.9	21.3
8 9	23 16.57	− 3 49.8	2.152	3.060	10.1	21.0
8 19	23 11.16	− 4 22.7	2.079	3.046	6.8	20.8
8 29	23 4.40	− 5 4.4	2.032	3.033	3.1	20.6
9 8	22 56.95	− 5 50.7	2.013	3.020	0.8	20.4
9 18	22 49.56	− 6 36.8	2.021	3.006	4.7	20.6
9 28	22 43.05	− 7 17.9	2.058	2.993	8.3	20.8
10 8	22 38.07	− 7 49.8	2.118	2.980	11.6	21.0

72428 2001 CE_{41} 9 5.8 346°.24 9°.4/26.6 18

7 30	23 20.66	−25 25.2	1.566	2.446	14.9	18.8
8 9	23 17.83	−27 31.2	1.513	2.442	12.1	18.7
8 19	23 12.42	−29 35.2	1.483	2.439	10.0	18.5
8 29	23 5.05	−31 24.7	1.477	2.436	9.5	18.5
9 8	22 56.77	−32 48.8	1.494	2.434	10.9	18.6
9 18	22 48.79	−33 40.3	1.535	2.432	13.4	18.7
9 28	22 42.33	−33 56.9	1.596	2.431	16.2	18.9
10 8	22 38.24	−33 41.1	1.674	2.430	18.7	19.1

127317 2002 JA_{97} 9 5.8 22°.18 2°.8/ 2.2 18

7 30	23 18.07	−10 41.6	2.208	3.060	12.2	19.5
8 9	23 14.90	−12 2.1	2.134	3.061	9.3	19.3
8 19	23 10.01	−13 31.3	2.085	3.062	6.0	19.1
8 29	23 3.86	−15 3.2	2.063	3.063	3.3	18.9
9 8	22 57.12	−16 30.6	2.069	3.064	3.6	19.0
9 18	22 50.55	−17 47.1	2.103	3.065	6.6	19.1
9 28	22 44.89	−18 47.5	2.164	3.066	9.7	19.3
10 8	22 40.78	−19 29.3	2.248	3.068	12.5	19.5

140809 2001 UL_{157} 9 5.8 292°.65 1°.8/ 3.9 18

7 30	23 21.14	− 9 2.2	1.998	2.846	13.5	20.1
8 9	23 17.48	− 9 41.2	1.916	2.838	10.3	19.8
8 19	23 11.84	−10 29.6	1.855	2.830	6.8	19.6
8 29	23 4.72	−11 22.7	1.820	2.822	3.1	19.4
9 8	22 56.87	−12 14.5	1.812	2.815	2.5	19.3
9 18	22 49.17	−12 59.4	1.832	2.807	6.1	19.5
9 28	22 42.51	−13 32.4	1.878	2.800	9.8	19.7
10 8	22 37.60	−13 50.6	1.947	2.792	13.1	19.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
507948 2015 AF_{263}			9 5.8 286°.02	0°.7/ 6.2 18		
	h m	° ′			°	m
7 30	23 24.85	− 3 20.8	1.419	2.265	18.0	21.5
8 9	23 21.34	− 3 25.7	1.329	2.247	14.3	21.2
8 19	23 14.99	− 3 47.1	1.259	2.230	9.8	20.9
8 29	23 6.33	− 4 22.3	1.211	2.212	4.6	20.5
9 8	22 56.37	− 5 5.7	1.187	2.194	1.2	20.3
9 18	22 46.42	− 5 50.2	1.189	2.176	6.7	20.6
9 28	22 37.89	− 6 28.2	1.215	2.159	12.0	20.8
10 8	22 31.91	− 6 53.7	1.263	2.141	16.6	21.0
400706 2009 RB_{34}			9 5.8 344°.99	1°.5/ 4.4 17		
7 30	23 20.72	− 9 3.8	1.995	2.844	13.4	20.9
8 9	23 17.11	− 9 27.3	1.916	2.839	10.3	20.7
8 19	23 11.57	− 9 59.0	1.859	2.834	6.8	20.5
8 29	23 4.59	−10 34.8	1.827	2.830	3.0	20.3
9 8	22 56.93	−11 9.7	1.823	2.827	2.1	20.2
9 18	22 49.46	−11 38.7	1.845	2.823	5.8	20.4
9 28	22 43.05	−11 57.6	1.894	2.821	9.4	20.7
10 8	22 38.38	−12 4.0	1.966	2.818	12.7	20.9
178089 2006 SY_{199}			9 5.8 55°.40	2°.5/ 4.1 18		
7 30	23 28.37	−10 52.6	1.335	2.198	18.0	19.8
8 9	23 23.76	−11 11.1	1.278	2.208	13.8	19.5
8 19	23 16.29	−11 38.5	1.239	2.217	9.1	19.3
8 29	23 6.73	−12 8.5	1.224	2.227	4.2	19.1
9 8	22 56.34	−12 33.8	1.234	2.237	3.3	19.0
9 18	22 46.50	−12 48.5	1.269	2.247	7.8	19.3
9 28	22 38.49	−12 48.3	1.327	2.257	12.4	19.6
10 8	22 33.17	−12 32.1	1.407	2.268	16.4	19.9
394572 2007 VX_{53}			9 5.8 207°.78	0°.4/ 6.2 18		
7 30	23 20.98	− 2 3.1	2.048	2.873	14.0	21.5
8 9	23 17.26	− 2 35.6	1.965	2.871	11.0	21.3
8 19	23 11.65	− 3 22.1	1.903	2.869	7.4	21.1
8 29	23 4.63	− 4 19.4	1.867	2.868	3.5	20.9
9 8	22 56.93	− 5 22.3	1.859	2.866	0.9	20.7
9 18	22 49.38	− 6 24.8	1.878	2.863	4.9	21.0
9 28	22 42.84	− 7 21.1	1.925	2.861	8.7	21.2
10 8	22 38.00	− 8 6.3	1.996	2.859	12.1	21.4
305375 2008 CC_{11}			9 5.8 289°.62	0°.8/ 5.1 18		
7 30	23 24.20	− 7 30.8	1.953	2.792	14.1	21.0
8 9	23 20.04	− 7 42.9	1.854	2.771	11.0	20.7
8 19	23 13.70	− 8 4.4	1.777	2.749	7.3	20.5
8 29	23 5.63	− 8 32.0	1.725	2.727	3.2	20.2
9 8	22 56.62	− 9 1.0	1.699	2.705	1.5	20.0
9 18	22 47.63	− 9 26.4	1.702	2.683	5.8	20.3
9 28	22 39.67	− 9 43.6	1.731	2.661	9.9	20.5
10 8	22 33.58	− 9 49.3	1.783	2.639	13.6	20.6
101693 1999 CQ_{125}			9 5.8 238°.78	4°.7/ 1.8 18		
7 30	23 29.69	−17 50.2	1.910	2.760	13.9	19.7
8 9	23 24.29	−18 30.1	1.826	2.747	10.9	19.5
8 19	23 16.49	−19 12.5	1.765	2.735	7.6	19.3
8 29	23 6.85	−19 50.7	1.730	2.722	5.0	19.1
9 8	22 56.30	−20 17.9	1.722	2.708	5.5	19.1
9 18	22 45.94	−20 29.0	1.741	2.694	8.4	19.2
9 28	22 36.89	−20 21.2	1.786	2.679	11.9	19.4
10 8	22 29.99	−19 54.6	1.853	2.664	15.1	19.6
112023 2002 GO_{178}			9 5.8 291°.37	0°.7/ 6.4 18		
7 30	23 21.48	− 2 8.1	1.697	2.534	16.0	20.0
8 9	23 18.26	− 2 29.1	1.601	2.514	12.7	19.8
8 19	23 12.69	− 3 6.9	1.525	2.493	8.7	19.5
8 29	23 5.24	− 3 58.5	1.473	2.473	4.1	19.2
9 8	22 56.74	− 4 58.7	1.446	2.453	1.1	18.9
9 18	22 48.23	− 6 0.5	1.446	2.433	5.8	19.2
9 28	22 40.85	− 6 56.3	1.472	2.413	10.5	19.4
10 8	22 35.52	− 7 40.2	1.520	2.393	14.6	19.6
365892 2011 WK_{1}			9 5.8 78°.91	6°.2/ 1.4 17		
7 30	23 29.51	−16 53.0	1.263	2.136	18.1	20.3
8 9	23 24.67	−18 7.1	1.222	2.156	13.9	20.1
8 19	23 16.84	−19 24.7	1.201	2.176	9.6	19.9
8 29	23 6.93	−20 34.9	1.203	2.196	6.5	19.8
9 8	22 56.33	−21 27.3	1.230	2.216	7.2	19.9
9 18	22 46.49	−21 55.1	1.281	2.235	10.6	20.2
9 28	22 38.71	−21 56.3	1.354	2.254	14.5	20.4
10 8	22 33.77	−21 32.8	1.447	2.273	17.8	20.7
392583 2011 SL_{178}			9 5.8 44°.86	4°.1/10.0 18		
7 30	23 20.07	+ 7 40.2	1.963	2.750	15.9	20.9
8 9	23 16.67	+ 7 35.7	1.880	2.751	13.1	20.7
8 19	23 11.32	+ 7 10.9	1.816	2.752	9.9	20.5
8 29	23 4.51	+ 6 26.6	1.775	2.754	6.5	20.3
9 8	22 56.99	+ 5 25.9	1.761	2.755	4.1	20.2
9 18	22 49.64	+ 4 14.5	1.773	2.757	5.3	20.3
9 28	22 43.32	+ 2 59.3	1.812	2.759	8.4	20.5
10 8	22 38.76	+ 1 47.6	1.876	2.760	11.7	20.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
366082 2012 CE_{43}			9 5.8 188°.23	4°.2/31.4 18		
	h m	° ′			°	m
7 30	23 21.96	−19 10.0	2.681	3.530	10.4	21.5
8 9	23 17.59	−20 6.6	2.609	3.530	8.0	21.4
8 19	23 11.64	−21 4.3	2.562	3.529	5.7	21.2
8 29	23 4.57	−21 57.9	2.542	3.527	4.3	21.1
9 8	22 56.99	−22 42.2	2.551	3.526	4.8	21.2
9 18	22 49.58	−23 13.6	2.587	3.524	6.9	21.3
9 28	22 43.03	−23 29.5	2.650	3.522	9.3	21.5
10 8	22 37.88	−23 29.4	2.736	3.519	11.5	21.6
72649 2001 FU_{43}			9 5.8 231°.96	2°.5/ 8.7 18		
7 30	23 20.97	+ 5 5.0	2.258	3.046	14.0	20.6
8 9	23 17.19	+ 4 36.2	2.157	3.034	11.4	20.4
8 19	23 11.61	+ 3 49.3	2.077	3.022	8.3	20.2
8 29	23 4.65	+ 2 45.7	2.023	3.010	4.9	19.9
9 8	22 56.95	+ 1 29.4	1.996	2.997	2.5	19.8
9 18	22 49.30	+ 0 6.0	1.997	2.984	4.5	19.9
9 28	22 42.50	− 1 17.8	2.028	2.970	8.0	20.1
10 8	22 37.25	− 2 35.4	2.084	2.956	11.3	20.2
491830 2013 AS_{28}			9 5.8 203°.69	5°.7/11.9 18		
7 30	23 22.97	+12 32.0	2.328	3.067	15.0	21.9
8 9	23 18.69	+12 57.9	2.233	3.064	12.7	21.7
8 19	23 12.57	+13 5.6	2.158	3.061	10.2	21.6
8 29	23 5.07	+12 53.8	2.106	3.057	7.7	21.4
9 8	22 56.85	+12 23.4	2.080	3.054	5.9	21.3
9 18	22 48.70	+11 37.3	2.082	3.049	6.2	21.3
9 28	22 41.44	+10 40.5	2.110	3.045	8.2	21.4
10 8	22 35.76	+ 9 39.5	2.164	3.040	10.8	21.6
402405 2005 YU_{132}			9 5.8 227°.98	4°.7/31.0 18		
7 30	23 21.74	−19 42.2	2.434	3.288	11.1	21.5
8 9	23 17.62	−20 43.8	2.361	3.284	8.7	21.3
8 19	23 11.77	−21 46.5	2.313	3.279	6.2	21.2
8 29	23 4.67	−22 44.5	2.291	3.275	4.8	21.1
9 8	22 56.98	−23 32.0	2.296	3.270	5.5	21.1
9 18	22 49.46	−24 4.7	2.330	3.265	7.7	21.3
9 28	22 42.88	−24 19.9	2.388	3.259	10.2	21.4
10 8	22 37.84	−24 17.2	2.469	3.254	12.5	21.6
515041 2010 CU_{19}			9 5.8 223°.04	13°.3/ 1.8 18		
7 30	23 31.64	+49 55.2	2.991	3.346	17.3	23.7
8 9	23 25.76	+50 28.2	2.879	3.332	16.8	23.6
8 19	23 17.46	+50 34.5	2.774	3.318	16.2	23.5
8 29	23 7.30	+50 7.9	2.680	3.302	15.4	23.4
9 8	22 56.22	+49 4.2	2.601	3.286	14.5	23.3
9 18	22 45.30	+47 21.8	2.540	3.269	13.8	23.2
9 28	22 35.70	+45 2.9	2.500	3.251	13.4	23.1
10 8	22 28.26	+42 14.4	2.484	3.232	13.4	23.1
496767 2017 BU_{50}			9 5.8 254°.16	0°.0/ 5.6 18		
7 30	23 20.42	− 4 15.0	2.494	3.316	11.9	21.9
8 9	23 16.56	− 4 39.8	2.399	3.305	9.2	21.7
8 19	23 11.07	− 5 14.7	2.327	3.294	6.2	21.5
8 29	23 4.37	− 5 57.0	2.281	3.283	2.8	21.3
9 8	22 57.06	− 6 42.7	2.264	3.271	0.8	21.1
9 18	22 49.83	− 7 27.3	2.276	3.259	4.4	21.3
9 28	22 43.38	− 8 6.6	2.316	3.247	7.7	21.5
10 8	22 38.32	− 8 37.2	2.381	3.235	10.7	21.7
248164 2004 VY_{63}			9 5.8 254°.44	14°.8/21.3 18		
7 30	23 29.48	+34 44.7	2.227	2.784	19.6	19.9
8 9	23 24.67	+36 46.1	2.131	2.772	18.6	19.8
8 19	23 17.18	+38 24.5	2.049	2.760	17.4	19.7
8 29	23 7.40	+39 32.5	1.983	2.747	16.3	19.6
9 8	22 56.13	+40 4.5	1.935	2.734	15.3	19.5
9 18	22 44.52	+39 57.8	1.907	2.721	14.8	19.4
9 28	22 33.92	+39 14.3	1.898	2.708	14.9	19.4
10 8	22 25.50	+38 0.9	1.909	2.695	15.6	19.4
77414 2001 FV_{175}			9 5.8 209°.04	4°.6/ 1.5 18		
7 30	23 23.99	−13 33.0	1.619	2.483	15.3	19.4
8 9	23 20.18	−14 55.5	1.549	2.480	11.7	19.1
8 19	23 13.90	−16 27.2	1.501	2.477	7.9	18.9
8 29	23 5.74	−17 59.6	1.478	2.474	4.9	18.7
9 8	22 56.68	−19 22.5	1.481	2.471	5.6	18.8
9 18	22 47.85	−20 27.5	1.510	2.467	9.1	19.0
9 28	22 40.41	−21 9.1	1.563	2.463	12.9	19.2
10 8	22 35.22	−21 25.9	1.637	2.458	16.3	19.4
476809 2008 UK_{193}			9 5.8 182°.81	7°.3/29.4 18		
7 30	23 27.66	−25 45.4	2.056	2.909	12.9	21.4
8 9	23 22.52	−26 57.0	1.995	2.909	10.4	21.3
8 19	23 15.16	−28 5.0	1.958	2.910	8.3	21.2
8 29	23 6.21	−29 1.4	1.945	2.909	7.3	21.1
9 8	22 56.56	−29 39.3	1.960	2.909	8.1	21.1
9 18	22 47.25	−29 54.2	2.000	2.908	10.2	21.3
9 28	22 39.26	−29 45.0	2.063	2.906	12.7	21.4
10 8	22 33.32	−29 13.5	2.148	2.904	15.0	21.6

135053 2001 OJ_{59} 9 5.8 339.°59 9.°1/12.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 20.88	+12 53.1	1.544	2.321	19.9	18.6
8 9	23 18.10	+14 10.8	1.456	2.307	17.3	18.3
8 19	23 12.76	+15 6.6	1.386	2.295	14.3	18.1
8 29	23 5.35	+15 36.0	1.335	2.284	11.3	17.9
9 8	22 56.76	+15 37.0	1.306	2.274	9.3	17.8
9 18	22 48.16	+15 11.2	1.300	2.264	9.5	17.8
9 28	22 40.81	+14 24.5	1.317	2.256	11.7	17.9
10 8	22 35.76	+13 26.3	1.356	2.249	14.8	18.0

95934 2003 KM_2 9 5.8 51.°69 0.°2/ 6.1 18

7 30	23 18.44	− 1 24.1	1.986	2.816	14.2	19.9
8 9	23 15.27	− 2 15.4	1.918	2.827	11.1	19.8
8 19	23 10.30	− 3 22.0	1.871	2.838	7.4	19.6
8 29	23 4.03	− 4 39.5	1.849	2.850	3.4	19.3
9 8	22 57.20	− 6 1.6	1.855	2.862	0.8	19.2
9 18	22 50.61	− 7 21.5	1.889	2.874	4.9	19.5
9 28	22 45.06	− 8 32.5	1.950	2.887	8.6	19.7
10 8	22 41.15	− 9 30.1	2.036	2.899	11.9	20.0

375736 2009 RA_{39} 9 5.8 44.°56 5.°6/10.5 17

7 30	23 21.86	+ 8 24.5	1.355	2.164	20.6	20.7
8 9	23 18.77	+ 8 39.5	1.292	2.175	17.1	20.4
8 19	23 13.05	+ 8 27.5	1.246	2.187	13.0	20.2
8 29	23 5.37	+ 7 48.4	1.220	2.199	8.7	20.0
9 8	22 56.81	+ 6 46.2	1.218	2.212	5.8	19.9
9 18	22 48.63	+ 5 28.6	1.240	2.225	6.9	20.0
9 28	22 42.03	+ 4 5.9	1.286	2.238	10.6	20.3
10 8	22 37.86	+ 2 48.1	1.354	2.251	14.5	20.5

28912 2000 NL_{26} 9 5.8 315.°07 3.°8/10.5 18

7 30	23 18.05	+ 8 8.7	2.523	3.293	13.2	18.6
8 9	23 14.74	+ 8 13.0	2.426	3.285	10.9	18.4
8 19	23 9.87	+ 8 1.6	2.351	3.278	8.4	18.2
8 29	23 3.85	+ 7 34.6	2.299	3.271	5.7	18.0
9 8	22 57.24	+ 6 54.1	2.274	3.264	3.9	17.9
9 18	22 50.70	+ 6 3.6	2.277	3.257	4.6	18.0
9 28	22 44.91	+ 5 7.8	2.307	3.250	7.1	18.1
10 8	22 40.45	+ 4 12.0	2.364	3.244	9.8	18.3

213316 2001 SK_{19} 9 5.8 324.°36 0.°6/ 6.4 18

7 30	23 17.52	− 0 8.7	1.816	2.647	15.3	20.0
8 9	23 14.91	− 0 59.9	1.730	2.640	12.0	19.7
8 19	23 10.28	− 2 10.1	1.666	2.633	8.2	19.5
8 29	23 4.11	− 3 35.6	1.626	2.626	3.9	19.2
9 8	22 57.16	− 5 9.5	1.612	2.619	0.9	19.0
9 18	22 50.34	− 6 43.8	1.626	2.613	5.3	19.3
9 28	22 44.56	− 8 10.0	1.667	2.607	9.5	19.5
10 8	22 40.59	− 9 21.6	1.731	2.601	13.3	19.7

128963 2004 TA_{146} 9 5.8 294.°53 0.°2/ 5.6 18

7 30	23 20.59	− 5 3.8	2.189	3.022	13.0	20.6
8 9	23 16.95	− 5 24.6	2.095	3.007	10.1	20.3
8 19	23 11.47	− 5 56.1	2.024	2.994	6.8	20.1
8 29	23 4.61	− 6 35.2	1.978	2.980	3.0	19.9
9 8	22 57.03	− 7 17.6	1.959	2.966	1.0	19.7
9 18	22 49.52	− 7 58.5	1.969	2.952	4.9	19.9
9 28	22 42.91	− 8 33.0	2.005	2.938	8.6	20.1
10 8	22 37.88	− 8 57.5	2.066	2.925	11.9	20.3

31013 1996 DR 9 5.8 96.°82 0.°9/ 4.9 18 R

7 30	23 24.65	− 3 11.2	1.420	2.266	18.0	17.6
8 9	23 20.69	− 4 22.2	1.364	2.284	13.9	17.4
8 19	23 14.17	− 5 52.2	1.328	2.301	9.1	17.1
8 29	23 5.82	− 7 33.8	1.316	2.319	3.9	16.9
9 8	22 56.73	− 9 16.8	1.330	2.336	1.9	16.8
9 18	22 48.11	−10 50.8	1.371	2.353	6.9	17.2
9 28	22 41.09	−12 7.3	1.437	2.369	11.5	17.5
10 8	22 36.47	−13 1.8	1.525	2.385	15.4	17.7

187254 2005 SL_{237} 9 5.8 14.°35 5.°3/ 1.1 18 R

7 30	23 26.74	−21 2.6	2.055	2.909	12.9	19.8
8 9	23 21.70	−21 38.8	1.988	2.909	10.1	19.7
8 19	23 14.56	−22 13.8	1.944	2.910	7.3	19.5
8 29	23 5.94	−22 41.5	1.926	2.911	5.4	19.4
9 8	22 56.70	−22 56.2	1.935	2.912	5.9	19.4
9 18	22 47.80	−22 54.5	1.970	2.913	8.3	19.6
9 28	22 40.15	−22 34.6	2.031	2.914	11.2	19.8
10 8	22 34.46	−21 57.7	2.114	2.915	13.8	19.9

343566 2010 FK_{57} 9 5.8 243.°24 2.°4/ 3.4 18

7 30	23 22.99	− 9 49.7	1.972	2.819	13.6	21.2
8 9	23 19.02	−10 42.0	1.886	2.808	10.5	21.0
8 19	23 12.97	−11 44.1	1.822	2.797	6.9	20.8
8 29	23 5.32	−12 50.9	1.784	2.786	3.3	20.5
9 8	22 56.85	−13 55.3	1.774	2.774	3.1	20.5
9 18	22 48.49	−14 50.9	1.791	2.762	6.7	20.7
9 28	22 41.20	−15 32.3	1.835	2.750	10.4	20.9
10 8	22 35.74	−15 56.5	1.901	2.737	13.8	21.1

95478 2002 EK_{12} 9 5.8 65.°84 4.°5/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 28.93	−19 41.0	2.102	2.950	12.9	18.9
8 9	23 23.12	−20 4.1	2.048	2.967	10.0	18.8
8 19	23 15.34	−20 26.0	2.016	2.984	7.0	18.6
8 29	23 6.24	−20 41.6	2.011	3.001	4.7	18.5
9 8	22 56.69	−20 46.0	2.034	3.018	5.0	18.6
9 18	22 47.61	−20 36.5	2.085	3.035	7.4	18.7
9 28	22 39.86	−20 12.1	2.161	3.052	10.3	19.0
10 8	22 34.04	−19 33.7	2.262	3.069	12.8	19.2

369974 1996 TV_{35} 9 5.8 302.°56 5.°5/ 1.8 18

7 30	23 23.97	−15 0.3	1.310	2.188	17.3	20.5
8 9	23 20.98	−15 58.3	1.230	2.168	13.5	20.2
8 19	23 14.95	−17 5.7	1.169	2.148	9.3	19.9
8 29	23 6.43	−18 13.5	1.130	2.128	5.9	19.7
9 8	22 56.56	−19 10.8	1.116	2.108	6.5	19.7
9 18	22 46.77	−19 48.1	1.125	2.089	10.6	19.8
9 28	22 38.60	−19 59.4	1.156	2.070	15.3	20.0
10 8	22 33.22	−19 43.5	1.206	2.051	19.5	20.2

172684 2003 YQ_{149} 9 5.8 320.°23 7.°8/30.2 18

7 30	23 25.68	−24 13.7	1.659	2.527	14.8	19.6
8 9	23 21.58	−25 16.2	1.592	2.517	11.9	19.4
8 19	23 14.88	−26 16.5	1.545	2.507	9.2	19.3
8 29	23 6.22	−27 5.4	1.523	2.497	7.8	19.2
9 8	22 56.66	−27 34.4	1.525	2.488	8.7	19.2
9 18	22 47.41	−27 38.2	1.551	2.479	11.3	19.3
9 28	22 39.67	−27 15.2	1.600	2.470	14.4	19.5
10 8	22 34.32	−26 27.5	1.669	2.462	17.2	19.7

327219 2005 PN_{23} 9 5.8 64.°48 0.°0/ 5.6 17

7 30	23 23.35	− 2 26.3	1.388	2.236	18.3	20.1
8 9	23 19.71	− 3 11.6	1.335	2.254	14.1	19.9
8 19	23 13.54	− 4 15.5	1.301	2.273	9.4	19.7
8 29	23 5.56	− 5 32.1	1.290	2.292	4.2	19.4
9 8	22 56.89	− 6 52.8	1.304	2.311	1.2	19.3
9 18	22 48.69	− 8 8.3	1.344	2.330	6.3	19.7
9 28	22 42.11	− 9 10.8	1.409	2.349	11.0	20.0
10 8	22 37.90	− 9 55.3	1.496	2.368	14.9	20.3

34133 Charlesfenske 9 5.8 289.°09 0.°2/ 6.1 18

7 30	23 21.87	− 3 48.5	2.080	2.908	13.7	19.3
8 9	23 17.96	− 4 5.6	1.997	2.906	10.7	19.1
8 19	23 12.16	− 4 34.3	1.936	2.903	7.2	18.9
8 29	23 4.95	− 5 11.7	1.900	2.901	3.3	18.6
9 8	22 57.07	− 5 53.2	1.891	2.898	0.8	18.4
9 18	22 49.35	− 6 34.0	1.910	2.895	4.8	18.7
9 28	22 42.63	− 7 9.1	1.957	2.893	8.6	19.0
10 8	22 37.59	− 7 34.9	2.028	2.890	11.9	19.2

513746 2012 UE_{109} 9 5.8 343.°88 5.°7/ 2.2 18

7 30	23 25.28	−17 56.5	1.302	2.182	17.3	20.7
8 9	23 21.80	−18 24.9	1.234	2.172	13.5	20.4
8 19	23 15.31	−18 55.5	1.186	2.163	9.4	20.2
8 29	23 6.51	−19 20.3	1.159	2.155	6.2	20.0
9 8	22 56.64	−19 30.7	1.157	2.148	6.5	20.0
9 18	22 47.13	−19 21.0	1.178	2.142	10.2	20.2
9 28	22 39.42	−18 48.8	1.221	2.137	14.4	20.4
10 8	22 34.48	−17 55.5	1.284	2.134	18.3	20.6

516751 2009 SU_{172} 9 5.8 164.°98 3.°0/ 9.5 18

7 30	23 19.34	+ 5 59.0	2.515	3.294	13.0	21.8
8 9	23 15.69	+ 5 49.4	2.426	3.295	10.6	21.6
8 19	23 10.49	+ 5 24.6	2.359	3.296	7.8	21.4
8 29	23 4.17	+ 4 45.6	2.316	3.297	5.0	21.2
9 8	22 57.30	+ 3 55.2	2.301	3.298	3.0	21.1
9 18	22 50.55	+ 2 57.5	2.315	3.299	4.2	21.2
9 28	22 44.60	+ 1 57.6	2.356	3.300	6.9	21.4
10 8	22 40.00	+ 1 0.6	2.424	3.300	9.7	21.6

75694 2000 AU_{104} 9 5.8 287.°47 5.°2/ 1.2 18

7 30	23 22.27	−13 53.0	1.455	2.328	16.2	19.2
8 9	23 19.30	−15 15.7	1.378	2.314	12.5	19.0
8 19	23 13.63	−16 49.7	1.321	2.299	8.5	18.7
8 29	23 5.80	−18 25.6	1.288	2.285	5.5	18.5
9 8	22 56.84	−19 52.1	1.280	2.270	6.3	18.5
9 18	22 48.00	−20 59.3	1.297	2.256	10.1	18.7
9 28	22 40.60	−21 40.3	1.337	2.241	14.3	18.9
10 8	22 35.65	−21 53.4	1.397	2.227	18.1	19.1

355042 2006 RU_{114} 9 5.8 191.°12 0.°2/ 6.1 18

7 30	23 21.64	− 2 58.5	2.367	3.186	12.6	22.3
8 9	23 17.55	− 3 28.5	2.282	3.185	9.8	22.1
8 19	23 11.78	− 4 9.9	2.218	3.184	6.6	21.9
8 29	23 4.77	− 4 59.8	2.182	3.182	3.0	21.7
9 8	22 57.16	− 5 53.8	2.173	3.180	0.8	21.5
9 18	22 49.69	− 6 47.1	2.193	3.177	4.4	21.8
9 28	22 43.09	− 7 34.7	2.242	3.175	7.9	22.0
10 8	22 37.98	− 8 13.0	2.315	3.172	10.9	22.2

284574 2007 TN_{67} 9 5.8 20°.95 0°.1/ 5.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 14.83	− 2 0.6	1.048	1.927	20.6	19.2
8 9	23 13.76	− 2 51.8	1.006	1.943	15.9	19.0
8 19	23 9.89	− 4 6.3	0.982	1.962	10.5	18.8
8 29	23 4.02	− 5 36.4	0.979	1.982	4.6	18.5
9 8	22 57.40	− 7 10.5	0.997	2.004	1.4	18.4
9 18	22 51.33	− 8 36.8	1.039	2.028	7.1	18.8
9 28	22 47.02	− 9 45.4	1.104	2.053	12.2	19.2
10 8	22 45.22	−10 30.9	1.188	2.080	16.5	19.5

523099 2016 RR_{48} 9 5.8 326°.88 10°.2/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 21.06	−26 33.4	1.442	2.325	15.7	20.8
8 9	23 18.55	−28 23.3	1.380	2.309	13.0	20.6
8 19	23 13.19	−30 11.0	1.339	2.295	10.9	20.4
8 29	23 5.60	−31 43.8	1.320	2.281	10.3	20.4
9 8	22 56.91	−32 49.9	1.324	2.268	11.7	20.4
9 18	22 48.48	−33 21.6	1.350	2.255	14.4	20.5
9 28	22 41.66	−33 16.7	1.396	2.243	17.4	20.7
10 8	22 37.47	−32 37.8	1.459	2.232	20.2	20.9

205971 2002 NO_{3} 9 5.8 15°.67 3°.9/ 8.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 24.07	+ 2 8.3	1.455	2.282	18.6	19.8
8 9	23 20.39	+ 2 47.5	1.386	2.286	15.1	19.5
8 19	23 14.13	+ 3 9.0	1.335	2.290	11.0	19.3
8 29	23 5.94	+ 3 12.7	1.307	2.296	6.7	19.1
9 8	22 56.84	+ 3 1.2	1.302	2.303	4.0	18.9
9 18	22 48.05	+ 2 38.9	1.323	2.310	6.2	19.1
9 28	22 40.75	+ 2 12.3	1.368	2.318	10.3	19.4
10 8	22 35.82	+ 1 47.8	1.436	2.327	14.2	19.6

125345 2001 VP_{54} 9 5.8 340°.74 5°.7/ 9.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 21.08	+ 5 24.3	1.308	2.135	20.3	18.6
8 9	23 18.56	+ 6 8.3	1.229	2.125	16.9	18.4
8 19	23 13.24	+ 6 30.2	1.166	2.116	12.8	18.1
8 29	23 5.67	+ 6 28.3	1.124	2.108	8.6	17.9
9 8	22 56.89	+ 6 4.2	1.105	2.101	5.7	17.7
9 18	22 48.22	+ 5 22.8	1.109	2.094	7.3	17.8
9 28	22 41.05	+ 4 32.4	1.136	2.089	11.5	18.0
10 8	22 36.44	+ 3 42.2	1.183	2.085	15.8	18.2

352402 2007 XS_{14} 9 5.8 257°.54 1°.4/ 7.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 22.18	− 0 22.7	2.031	2.848	14.4	21.1
8 9	23 18.31	− 0 33.3	1.942	2.841	11.4	20.9
8 19	23 12.47	− 0 58.2	1.874	2.834	8.0	20.7
8 29	23 5.14	− 1 35.1	1.831	2.828	4.1	20.4
9 8	22 57.07	− 2 20.2	1.815	2.821	1.5	20.2
9 18	22 49.09	− 3 8.4	1.827	2.814	4.8	20.5
9 28	22 42.13	− 3 53.9	1.866	2.807	8.6	20.7
10 8	22 36.89	− 4 32.1	1.929	2.800	12.1	20.9

218904 2007 EV_{36} 9 5.8 110°.41 1°.7/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 18.81	+ 2 24.6	2.363	3.166	13.1	19.9
8 9	23 15.36	+ 1 53.6	2.281	3.170	10.4	19.8
8 19	23 10.31	+ 1 7.6	2.220	3.174	7.3	19.6
8 29	23 4.11	+ 0 9.0	2.184	3.178	4.0	19.4
9 8	22 57.37	− 0 58.0	2.177	3.181	1.7	19.2
9 18	22 50.77	− 2 8.3	2.198	3.185	4.1	19.4
9 28	22 45.02	− 3 16.1	2.247	3.189	7.3	19.6
10 8	22 40.70	− 4 16.5	2.322	3.193	10.3	19.8

141096 2001 XB_{48} 9 5.8 152°.89 3°.7/ 7.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 35.15	+ 0 49.0	1.354	2.172	20.2	19.7
8 9	23 29.26	+ 1 31.7	1.282	2.178	16.3	19.5
8 19	23 20.21	+ 1 57.4	1.229	2.184	11.7	19.3
8 29	23 8.72	+ 2 5.7	1.197	2.189	6.8	19.0
9 8	22 56.07	+ 1 59.1	1.191	2.193	3.7	18.8
9 18	22 43.79	+ 1 42.3	1.212	2.197	6.9	19.0
9 28	22 33.38	+ 1 21.6	1.257	2.201	11.6	19.3
10 8	22 25.91	+ 1 3.5	1.325	2.203	16.0	19.6

401382 2013 CV_{19} 9 5.8 171°.75 7°.7/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 26.35	−30 8.8	2.372	3.217	11.7	20.9
8 9	23 21.32	−31 23.2	2.317	3.219	9.7	20.8
8 19	23 14.31	−32 31.1	2.286	3.221	8.2	20.7
8 29	23 5.89	−33 25.5	2.281	3.222	7.7	20.7
9 8	22 56.89	−34 0.3	2.301	3.223	8.5	20.7
9 18	22 48.18	−34 12.4	2.347	3.224	10.2	20.9
9 28	22 40.66	−34 0.9	2.416	3.225	12.2	21.0
10 8	22 34.98	−33 27.8	2.506	3.225	14.0	21.1

207208 2005 EC_{72} 9 5.8 88°.19 4°.8/31.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 23.30	− 9 54.0	1.455	2.319	16.7	19.5
8 9	23 19.69	−12 20.3	1.407	2.340	12.6	19.3
8 19	23 13.56	−15 0.0	1.382	2.361	8.2	19.1
8 29	23 5.63	−17 40.1	1.384	2.381	5.0	19.0
9 8	22 56.96	−20 6.2	1.413	2.401	6.1	19.1
9 18	22 48.74	−22 6.9	1.468	2.421	9.8	19.4
9 28	22 42.09	−23 35.4	1.549	2.440	13.5	19.7
10 8	22 37.77	−24 30.9	1.650	2.459	16.7	19.9

106798 2000 XN_{28} 9 5.8 237°.12 1°.8/ 4.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 28.72	− 9 13.9	1.631	2.477	16.1	20.5
8 9	23 23.92	− 9 34.3	1.547	2.468	12.5	20.3
8 19	23 16.51	−10 4.6	1.485	2.459	8.3	20.0
8 29	23 7.05	−10 39.9	1.447	2.449	3.7	19.7
9 8	22 56.56	−11 13.8	1.435	2.439	2.5	19.6
9 18	22 46.23	−11 40.3	1.450	2.429	7.0	19.9
9 28	22 37.31	−11 54.2	1.491	2.418	11.5	20.1
10 8	22 30.75	−11 53.1	1.554	2.407	15.5	20.3

121242 1999 RR_{48} 9 5.8 19°.59 1°.6/ 6.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 26.22	− 5 6.6	1.091	1.958	20.8	18.1
8 9	23 22.56	− 4 19.6	1.041	1.969	16.3	17.8
8 19	23 15.75	− 3 46.5	1.008	1.982	11.1	17.6
8 29	23 6.67	− 3 25.5	0.996	1.997	5.4	17.3
9 8	22 56.71	− 3 12.9	1.007	2.013	1.8	17.2
9 18	22 47.41	− 3 4.4	1.041	2.031	6.8	17.5
9 28	22 40.18	− 2 54.7	1.098	2.050	11.9	17.9
10 8	22 35.89	− 2 39.8	1.175	2.070	16.4	18.2

370632 2003 YK_{119} 9 5.8 254°.62 3°.7/ 2.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 26.66	−12 43.4	1.676	2.532	15.3	21.6
8 9	23 22.38	−13 33.4	1.590	2.516	11.8	21.3
8 19	23 15.52	−14 32.2	1.525	2.501	7.9	21.1
8 29	23 6.64	−15 33.3	1.485	2.484	4.4	20.8
9 8	22 56.68	−16 28.4	1.471	2.467	4.5	20.8
9 18	22 46.81	−17 10.2	1.484	2.450	8.3	21.0
9 28	22 38.25	−17 33.3	1.521	2.433	12.4	21.2
10 8	22 31.96	−17 35.8	1.581	2.415	16.2	21.4

195175 2002 CA_{246} 9 5.8 118°.36 5°.0/10.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 26.84	+ 7 40.7	1.927	2.702	16.5	19.9
8 9	23 21.93	+ 8 13.9	1.850	2.711	13.7	19.7
8 19	23 14.88	+ 8 29.0	1.792	2.720	10.5	19.5
8 29	23 6.22	+ 8 25.3	1.758	2.729	7.2	19.3
9 8	22 56.82	+ 8 4.4	1.749	2.738	5.1	19.2
9 18	22 47.65	+ 7 30.1	1.768	2.746	6.0	19.3
9 28	22 39.67	+ 6 47.9	1.814	2.754	8.9	19.5
10 8	22 33.64	+ 6 4.3	1.884	2.762	12.0	19.7

313991 2004 TW_{171} 9 5.8 9°.91 8°.2/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 22.74	+16 27.5	2.064	2.789	17.0	20.0
8 9	23 18.84	+17 30.7	1.980	2.790	14.9	19.8
8 19	23 12.89	+18 13.4	1.914	2.792	12.5	19.7
8 29	23 5.38	+18 32.5	1.869	2.794	10.2	19.5
9 8	22 57.05	+18 27.3	1.847	2.796	8.5	19.5
9 18	22 48.81	+17 59.6	1.850	2.799	8.4	19.5
9 28	22 41.60	+17 14.3	1.879	2.802	9.7	19.5
10 8	22 36.19	+16 18.4	1.932	2.806	11.9	19.7

33547 1999 JZ_{12} 9 5.8 91°.72 2°.1/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 22.75	− 8 11.1	1.664	2.517	15.5	18.6
8 9	23 19.10	− 9 3.6	1.594	2.519	11.9	18.3
8 19	23 13.14	−10 8.2	1.545	2.522	7.7	18.1
8 29	23 5.49	−11 18.8	1.521	2.524	3.5	17.9
9 8	22 57.04	−12 27.5	1.524	2.526	2.8	17.8
9 18	22 48.87	−13 27.0	1.553	2.529	6.9	18.1
9 28	22 42.00	−14 11.1	1.607	2.531	11.0	18.3
10 8	22 37.22	−14 36.7	1.684	2.533	14.6	18.6

11429 Demodokus 9 5.8 246°.88 1°.8/ 2.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 16.73	−15 36.0	4.479	5.316	6.8	17.8
8 9	23 12.99	−15 55.0	4.398	5.314	5.1	17.7
8 19	23 8.38	−16 15.1	4.342	5.312	3.4	17.5
8 29	23 3.17	−16 34.1	4.314	5.310	2.0	17.4
9 8	22 57.70	−16 49.9	4.316	5.308	2.1	17.4
9 18	22 52.31	−17 0.6	4.348	5.306	3.6	17.6
9 28	22 47.37	−17 4.8	4.408	5.304	5.3	17.7
10 8	22 43.20	−17 1.8	4.495	5.302	6.9	17.8

516140 2015 VY_{125} 9 5.8 5°.15 2°.1/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 14.72	− 5 15.2	1.655	2.515	15.2	19.6
8 9	23 12.92	− 6 54.4	1.585	2.515	11.6	19.4
8 19	23 9.06	− 8 51.3	1.538	2.517	7.5	19.2
8 29	23 3.67	−10 58.2	1.515	2.519	3.3	18.9
9 8	22 57.55	−13 4.5	1.519	2.521	3.1	18.9
9 18	22 51.63	−14 59.7	1.551	2.525	7.1	19.2
9 28	22 46.84	−16 35.1	1.608	2.530	11.2	19.4
10 8	22 43.92	−17 45.9	1.687	2.535	14.7	19.7

224173 2005 QA_{111} 9 5.8 52°.35 0°.5/ 6.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 23.96	− 2 38.8	1.336	2.185	18.7	21.0
8 9	23 20.34	− 3 1.7	1.281	2.201	14.6	20.8
8 19	23 14.07	− 3 42.6	1.245	2.216	9.8	20.5
8 29	23 5.89	− 4 36.7	1.231	2.232	4.5	20.3
9 8	22 56.96	− 5 36.5	1.242	2.249	1.1	20.1
9 18	22 48.51	− 6 33.9	1.278	2.266	6.3	20.5
9 28	22 41.72	− 7 21.3	1.339	2.282	11.1	20.8
10 8	22 37.41	− 7 53.8	1.421	2.300	15.1	21.1

148323 2000 QP_{64} 9 5.8 313°.43 4°.1/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 18.63	−12 50.7	1.755	2.623	14.1	19.7
8 9	23 16.12	−14 3.8	1.661	2.595	10.9	19.5
8 19	23 11.36	−15 28.2	1.589	2.567	7.4	19.2
8 29	23 4.80	−16 56.5	1.542	2.540	4.5	19.0
9 8	22 57.22	−18 20.0	1.521	2.513	5.1	18.9
9 18	22 49.60	−19 29.9	1.525	2.486	8.7	19.1
9 28	22 43.05	−20 19.5	1.554	2.460	12.6	19.3
10 8	22 38.47	−20 45.3	1.604	2.434	16.2	19.4

357285 2002 TY_{131} 9 5.8 301°.45 0°.8/ 6.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 24.87	− 3 46.0	1.796	2.628	15.4	20.8
8 9	23 20.98	− 3 39.9	1.686	2.596	12.3	20.5
8 19	23 14.66	− 3 45.8	1.597	2.564	8.5	20.2
8 29	23 6.33	− 4 1.7	1.533	2.532	4.1	19.9
9 8	22 56.79	− 4 24.2	1.494	2.501	1.1	19.6
9 18	22 47.08	− 4 48.5	1.482	2.469	5.7	19.9
9 28	22 38.39	− 5 9.2	1.496	2.437	10.4	20.1
10 8	22 31.72	− 5 21.6	1.534	2.405	14.6	20.3

220705 2004 RU_{325} 9 5.8 11°.73 3°.4/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 26.87	−15 30.0	1.714	2.572	14.8	19.1
8 9	23 22.13	−15 35.0	1.648	2.575	11.5	18.9
8 19	23 15.05	−15 42.1	1.604	2.579	7.7	18.7
8 29	23 6.30	−15 46.5	1.585	2.584	4.2	18.5
9 8	22 56.87	−15 43.0	1.592	2.589	4.0	18.5
9 18	22 47.84	−15 28.2	1.625	2.596	7.3	18.8
9 28	22 40.27	−15 0.3	1.684	2.603	11.0	19.0
10 8	22 34.88	−14 19.3	1.766	2.611	14.3	19.2

195541 2002 JM_{46} 9 5.8 109°.94 4°.8/11.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 23.62	+10 23.8	2.066	2.826	16.0	20.6
8 9	23 19.25	+10 22.9	1.993	2.844	13.3	20.4
8 19	23 12.98	+10 1.3	1.940	2.861	10.2	20.3
8 29	23 5.35	+ 9 19.5	1.910	2.878	7.1	20.1
9 8	22 57.13	+ 8 20.4	1.907	2.894	4.9	20.0
9 18	22 49.17	+ 7 9.3	1.931	2.910	5.5	20.1
9 28	22 42.31	+ 5 53.0	1.982	2.925	8.1	20.3
10 8	22 37.20	+ 4 38.5	2.060	2.940	11.0	20.5

521529 2015 OR_{99} 9 5.8 290°.78 5°.0/10.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 21.24	+ 9 17.3	2.110	2.880	15.4	21.4
8 9	23 17.58	+ 9 35.9	2.019	2.875	12.9	21.2
8 19	23 12.02	+ 9 36.0	1.946	2.870	10.0	21.0
8 29	23 5.00	+ 9 17.1	1.897	2.865	7.1	20.8
9 8	22 57.22	+ 8 40.9	1.873	2.860	5.1	20.7
9 18	22 49.53	+ 7 50.9	1.877	2.855	5.7	20.7
9 28	22 42.78	+ 6 53.0	1.907	2.850	8.3	20.9
10 8	22 37.69	+ 5 53.8	1.962	2.845	11.4	21.0

63227 2001 BG_{6} 9 5.8 167°.93 0°.3/ 5.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 19.13	− 3 36.8	2.339	3.166	12.4	19.5
8 9	23 15.66	− 4 24.7	2.258	3.167	9.6	19.3
8 19	23 10.56	− 5 24.6	2.199	3.168	6.4	19.1
8 29	23 4.28	− 6 32.8	2.167	3.168	2.8	18.9
9 8	22 57.43	− 7 43.9	2.162	3.169	1.0	18.7
9 18	22 50.73	− 8 52.6	2.187	3.169	4.6	19.0
9 28	22 44.87	− 9 53.3	2.239	3.170	8.0	19.2
10 8	22 40.46	−10 42.2	2.317	3.170	11.0	19.4

205361 2000 XQ_{50} 9 5.8 304°.30 16°.3/14.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 30.58	+26 26.6	1.755	2.410	21.7	19.5
8 9	23 26.33	+29 2.7	1.647	2.380	20.4	19.3
8 19	23 18.94	+31 21.0	1.555	2.350	18.9	19.1
8 29	23 8.60	+33 11.4	1.480	2.319	17.4	18.9
9 8	22 56.10	+34 25.0	1.425	2.289	16.5	18.8
9 18	22 42.74	+34 55.8	1.391	2.259	16.4	18.7
9 28	22 30.26	+34 43.6	1.376	2.229	17.3	18.6
10 8	22 20.27	+33 55.8	1.380	2.200	18.9	18.7

410887 2009 SR_{59} 9 5.8 91°.48 3°.7/10.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 19.53	+ 8 10.6	2.440	3.210	13.6	21.4
8 9	23 15.89	+ 8 7.0	2.357	3.216	11.2	21.2
8 19	23 10.67	+ 7 46.9	2.295	3.223	8.5	21.0
8 29	23 4.32	+ 7 10.8	2.257	3.230	5.7	20.9
9 8	22 57.43	+ 6 21.5	2.246	3.237	3.8	20.8
9 18	22 50.69	+ 5 23.0	2.262	3.244	4.6	20.8
9 28	22 44.80	+ 4 20.5	2.307	3.251	7.1	21.0
10 8	22 40.30	+ 3 19.6	2.378	3.257	9.8	21.2

40698 1999 RT_{232} 9 5.8 353°.23 4°.7/ 3.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 22.58	−14 17.6	1.014	1.909	19.9	17.4
8 9	23 20.34	−14 41.0	0.955	1.902	15.4	17.1
8 19	23 14.69	−15 11.9	0.912	1.896	10.4	16.9
8 29	23 6.39	−15 41.7	0.890	1.892	5.7	16.6
9 8	22 56.85	−16 0.6	0.889	1.889	5.6	16.6
9 18	22 47.76	−16 1.1	0.910	1.887	10.3	16.8
9 28	22 40.77	−15 39.2	0.952	1.888	15.4	17.1
10 8	22 36.94	−14 55.2	1.011	1.889	19.9	17.4

423163 2004 FD_{18} 9 5.8 47°.11 1°.0/ 5.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 24.72	− 6 18.0	1.317	2.177	18.4	21.1
8 9	23 20.99	− 6 43.5	1.262	2.190	14.2	20.9
8 19	23 14.54	− 7 23.4	1.227	2.204	9.3	20.7
8 29	23 6.13	− 8 11.9	1.215	2.218	4.0	20.4
9 8	22 56.95	− 9 1.2	1.227	2.233	1.8	20.3
9 18	22 48.28	− 9 43.7	1.264	2.248	6.9	20.7
9 28	22 41.32	−10 13.3	1.325	2.263	11.6	21.0
10 8	22 36.90	−10 26.6	1.407	2.279	15.7	21.3

298061 2002 QN_{84} 9 5.8 297°.01 2°.3/ 8.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 21.00	+ 2 29.8	1.873	2.685	15.6	20.9
8 9	23 17.57	+ 2 15.9	1.788	2.682	12.5	20.7
8 19	23 12.08	+ 1 44.2	1.724	2.679	8.9	20.4
8 29	23 5.04	+ 0 56.5	1.684	2.677	5.0	20.2
9 8	22 57.23	− 0 2.8	1.670	2.674	2.3	20.0
9 18	22 49.55	− 1 7.7	1.683	2.671	5.0	20.2
9 28	22 42.96	− 2 11.4	1.723	2.668	8.9	20.4
10 8	22 38.19	− 3 7.5	1.787	2.665	12.5	20.6

383050 2005 QO_{66} 9 5.8 323°.28 2°.8/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 20.87	− 9 48.2	1.258	2.135	18.0	20.5
8 9	23 18.62	−10 20.2	1.177	2.115	14.0	20.2
8 19	23 13.44	−11 5.8	1.114	2.095	9.3	19.9
8 29	23 5.86	−11 58.6	1.073	2.077	4.4	19.5
9 8	22 56.97	−12 49.7	1.056	2.059	3.7	19.4
9 18	22 48.15	−13 30.0	1.062	2.042	8.6	19.7
9 28	22 40.90	−13 52.2	1.090	2.026	13.8	19.9
10 8	22 36.33	−13 52.7	1.138	2.011	18.5	20.1

443461 2014 HV_{188} 9 5.9 25°.61 4°.9/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 28.35	−17 46.1	1.380	2.251	17.0	19.5
8 9	23 23.62	−17 58.2	1.333	2.265	13.1	19.3
8 19	23 16.14	−18 10.8	1.305	2.281	9.0	19.1
8 29	23 6.79	−18 17.1	1.301	2.297	5.5	18.9
9 8	22 56.81	−18 11.1	1.321	2.314	5.5	19.0
9 18	22 47.52	−17 49.2	1.366	2.333	8.8	19.2
9 28	22 40.09	−17 10.6	1.435	2.352	12.7	19.5
10 8	22 35.27	−16 16.8	1.525	2.372	16.0	19.8

38802 2000 RW_{60} 9 5.9 19°.05 6°.0/ 9.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 21.82	+ 4 26.7	0.983	1.836	23.6	17.8
8 9	23 19.61	+ 5 20.8	0.930	1.843	19.4	17.6
8 19	23 14.11	+ 5 48.2	0.892	1.851	14.5	17.3
8 29	23 6.09	+ 5 47.2	0.873	1.860	9.4	17.1
9 8	22 56.96	+ 5 21.0	0.873	1.872	6.1	16.9
9 18	22 48.32	+ 4 36.8	0.895	1.884	8.0	17.1
9 28	22 41.73	+ 3 45.3	0.939	1.898	12.5	17.4
10 8	22 38.22	+ 2 57.2	1.001	1.912	17.1	17.7

239759 2010 BY_{2} 9 5.9 277°.38 7°.4/27.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 20.45	−18 20.1	1.743	2.615	14.0	19.6
8 9	23 17.63	−21 2.9	1.668	2.601	11.0	19.4
8 19	23 12.43	−23 55.5	1.618	2.586	8.3	19.2
8 29	23 5.33	−26 45.0	1.596	2.571	7.4	19.1
9 8	22 57.14	−29 17.4	1.602	2.557	9.1	19.2
9 18	22 48.96	−31 21.7	1.634	2.542	12.1	19.3
9 28	22 41.93	−32 51.0	1.689	2.527	15.3	19.5
10 8	22 37.01	−33 44.7	1.763	2.512	18.1	19.7

468805 2012 HG_{69} 9 5.9 88°.32 6°.1/31.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 26.04	−16 20.2	1.539	2.406	15.8	21.2
8 9	23 21.66	−18 11.8	1.498	2.430	12.1	21.0
8 19	23 14.79	−20 7.5	1.480	2.453	8.4	20.9
8 29	23 6.20	−21 56.1	1.487	2.476	6.1	20.8
9 8	22 56.97	−23 27.0	1.521	2.499	7.1	20.9
9 18	22 48.29	−24 32.8	1.580	2.521	10.1	21.2
9 28	22 41.22	−25 10.2	1.663	2.543	13.4	21.4
10 8	22 36.49	−25 20.4	1.766	2.564	16.2	21.7

418820 2008 VF_{66} 9 5.9 354°.82 2°.8/ 9.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 17.56	+ 5 11.6	2.408	3.198	13.2	20.9
8 9	23 14.45	+ 5 0.4	2.319	3.196	10.7	20.7
8 19	23 9.77	+ 4 33.7	2.252	3.195	7.9	20.5
8 29	23 3.95	+ 3 52.6	2.210	3.194	4.9	20.4
9 8	22 57.57	+ 3 0.4	2.194	3.193	2.8	20.2
9 18	22 51.29	+ 2 1.2	2.207	3.193	4.2	20.3
9 28	22 45.82	+ 1 0.4	2.247	3.192	7.1	20.5
10 8	22 41.72	+ 0 3.3	2.313	3.192	10.0	20.7

60548 2000 EH_{86} 9 5.9 278°.21 2°.9/ 8.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 22.13	+ 3 10.7	1.605	2.423	17.5	19.5
8 9	23 18.96	+ 3 2.1	1.512	2.409	14.2	19.2
8 19	23 13.33	+ 2 32.4	1.438	2.394	10.3	18.9
8 29	23 5.74	+ 1 42.5	1.387	2.379	5.9	18.7
9 8	22 57.05	+ 0 36.9	1.361	2.364	2.9	18.4
9 18	22 48.37	− 0 37.7	1.361	2.349	5.8	18.6
9 28	22 40.90	− 1 52.3	1.386	2.334	10.3	18.8
10 8	22 35.60	− 2 58.7	1.435	2.319	14.6	19.0

119896 2002 CV_{274} 9 5.9 57°.04 0°.0/ 5.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 22.21	− 4 41.5	2.061	2.892	13.7	20.0
8 9	23 18.19	− 4 58.7	1.989	2.900	10.6	19.8
8 19	23 12.30	− 5 26.6	1.939	2.908	7.1	19.6
8 29	23 5.08	− 6 1.9	1.914	2.916	3.2	19.4
9 8	22 57.28	− 6 40.1	1.917	2.924	0.9	19.2
9 18	22 49.71	− 7 16.5	1.948	2.932	4.8	19.5
9 28	22 43.21	− 7 46.5	2.005	2.940	8.5	19.7
10 8	22 38.40	− 8 6.8	2.087	2.949	11.7	20.0

303595 2005 GZ_{199} 9 5.9 57°.83 3°.1/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 23.01	−12 27.2	1.894	2.748	13.8	20.8
8 9	23 19.03	−13 14.2	1.825	2.751	10.6	20.6
8 19	23 12.98	−14 8.0	1.778	2.754	7.0	20.4
8 29	23 5.42	−15 2.5	1.757	2.757	3.7	20.2
9 8	22 57.18	−15 51.4	1.763	2.760	3.8	20.2
9 18	22 49.21	−16 28.8	1.796	2.763	7.0	20.4
9 28	22 42.43	−16 50.7	1.854	2.766	10.5	20.6
10 8	22 37.53	−16 55.6	1.936	2.769	13.7	20.8

76494 2000 GK_{10} 9 5.9 328°.79 2°.0/ 4.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 23.50	− 9 52.6	1.766	2.618	14.7	19.0
8 9	23 19.62	−10 19.8	1.689	2.614	11.4	18.8
8 19	23 13.50	−10 55.8	1.634	2.609	7.5	18.6
8 29	23 5.70	−11 35.6	1.603	2.605	3.5	18.3
9 8	22 57.10	−12 13.3	1.599	2.602	2.7	18.3
9 18	22 48.71	−12 43.0	1.621	2.598	6.6	18.5
9 28	22 41.57	−13 0.4	1.669	2.595	10.6	18.8
10 8	22 36.44	−13 2.8	1.739	2.591	14.1	19.0

171424 2007 NL_2 9 5.9 1°.07 3°.9/13.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 14.31	+15 44.7	4.383	5.077	9.0	19.5
8 9	23 11.26	+15 51.4	4.283	5.077	7.8	19.4
8 19	23 7.33	+15 46.7	4.205	5.077	6.4	19.3
8 29	23 2.77	+15 30.4	4.150	5.077	5.0	19.2
9 8	22 57.92	+15 3.5	4.123	5.077	4.1	19.2
9 18	22 53.11	+14 27.5	4.123	5.077	4.0	19.2
9 28	22 48.72	+13 44.8	4.152	5.077	4.8	19.2
10 8	22 45.07	+12 58.3	4.208	5.077	6.1	19.3

249725 2000 SY_{25} 9 5.9 315°.87 6°.2/ 9.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 17.26	+ 6 42.5	1.158	1.995	21.7	19.7
8 9	23 16.24	+ 7 12.9	1.061	1.964	18.4	19.3
8 19	23 12.22	+ 7 16.2	0.979	1.932	14.2	19.0
8 29	23 5.52	+ 6 48.6	0.916	1.902	9.6	18.6
9 8	22 57.08	+ 5 50.4	0.874	1.872	6.3	18.4
9 18	22 48.31	+ 4 27.6	0.853	1.842	8.1	18.3
9 28	22 40.92	+ 2 51.8	0.854	1.814	13.2	18.5
10 8	22 36.38	+ 1 17.2	0.874	1.787	18.6	18.7

92213 Kalina 9 5.9 291°.22 0°.7/ 5.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 19.37	− 5 36.1	2.206	3.042	12.8	19.6
8 9	23 16.08	− 6 16.0	2.113	3.028	9.9	19.4
8 19	23 11.00	− 7 7.5	2.041	3.013	6.5	19.1
8 29	23 4.57	− 8 6.8	1.996	2.999	2.9	18.9
9 8	22 57.42	− 9 8.6	1.978	2.984	1.4	18.7
9 18	22 50.34	−10 7.3	1.989	2.970	5.1	19.0
9 28	22 44.12	−10 57.4	2.027	2.956	8.8	19.2
10 8	22 39.44	−11 35.1	2.088	2.941	12.1	19.4

356433 2010 VW_{202} 9 5.9 244°.19 0°.1/ 5.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 14.55	− 5 57.4	4.792	5.606	6.7	21.5
8 9	23 11.32	− 6 13.4	4.696	5.598	5.2	21.3
8 19	23 7.32	− 6 33.7	4.625	5.591	3.4	21.2
8 29	23 2.76	− 6 56.8	4.582	5.584	1.5	21.0
9 8	22 57.94	− 7 20.9	4.570	5.576	0.5	20.9
9 18	22 53.17	− 7 44.2	4.587	5.569	2.4	21.1
9 28	22 48.77	− 8 4.9	4.634	5.561	4.3	21.2
10 8	22 45.03	− 8 21.4	4.708	5.553	6.0	21.4

488391 2016 WN_{51} 9 5.9 207°.70 8°.7/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 28.00	−40 9.8	2.954	3.766	10.5	21.2
8 9	23 22.47	−41 22.5	2.904	3.761	9.4	21.1
8 19	23 15.05	−42 24.5	2.877	3.756	8.8	21.1
8 29	23 6.30	−43 9.6	2.875	3.750	8.8	21.1
9 8	22 56.98	−43 33.2	2.898	3.744	9.5	21.1
9 18	22 47.93	−43 33.2	2.943	3.738	10.6	21.2
9 28	22 39.99	−43 9.7	3.011	3.731	11.9	21.3
10 8	22 33.79	−42 25.1	3.096	3.724	13.1	21.4

285852 2001 FA_{179} 9 5.9 166°.77 6°.5/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 26.68	−23 52.7	2.120	2.973	12.6	20.6
8 9	23 21.74	−25 3.5	2.059	2.976	10.0	20.5
8 19	23 14.71	−26 12.1	2.022	2.979	7.7	20.4
8 29	23 6.18	−27 11.0	2.011	2.982	6.6	20.3
9 8	22 57.01	−27 53.5	2.027	2.984	7.4	20.3
9 18	22 48.14	−28 15.1	2.069	2.985	9.5	20.5
9 28	22 40.51	−28 14.3	2.135	2.987	12.0	20.6
10 8	22 34.80	−27 52.2	2.223	2.988	14.3	20.8

512927 2016 XR_{20} 9 5.9 52°.96 2°.3/ 8.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 22.10	+ 1 51.2	2.014	2.822	14.8	21.1
8 9	23 18.22	+ 1 50.3	1.934	2.825	11.9	20.9
8 19	23 12.42	+ 1 34.1	1.874	2.828	8.4	20.7
8 29	23 5.19	+ 1 4.4	1.839	2.831	4.8	20.5
9 8	22 57.29	+ 0 24.5	1.831	2.834	2.3	20.3
9 18	22 49.57	− 0 20.7	1.850	2.838	4.7	20.5
9 28	22 42.89	− 1 5.6	1.897	2.841	8.3	20.7
10 8	22 37.94	− 1 45.2	1.968	2.845	11.6	21.0

41269 1999 XX_{65} 9 5.9 88°.83 2°.6/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 20.78	+ 4 8.1	2.355	3.146	13.4	18.7
8 9	23 16.87	+ 4 0.7	2.279	3.157	10.8	18.6
8 19	23 11.34	+ 3 38.5	2.223	3.168	7.9	18.4
8 29	23 4.65	+ 3 3.0	2.193	3.179	4.7	18.2
9 8	22 57.44	+ 2 17.5	2.190	3.190	2.6	18.1
9 18	22 50.43	+ 1 26.2	2.215	3.201	4.2	18.2
9 28	22 44.31	+ 0 34.1	2.268	3.212	7.2	18.4
10 8	22 39.65	− 0 14.0	2.347	3.222	10.1	18.6

324846 2007 KY_5 9 5.9 236°.53 4°.5/12.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 20.10	+12 56.0	3.000	3.725	12.2	22.0
8 9	23 16.20	+12 57.0	2.888	3.710	10.4	21.8
8 19	23 10.87	+12 42.0	2.796	3.695	8.3	21.6
8 29	23 4.47	+12 10.8	2.729	3.679	6.2	21.5
9 8	22 57.49	+11 24.5	2.688	3.663	4.7	21.4
9 18	22 50.51	+10 25.9	2.677	3.646	4.9	21.4
9 28	22 44.15	+ 9 19.3	2.694	3.629	6.6	21.4
10 8	22 38.95	+ 8 9.7	2.738	3.611	8.8	21.6

206449 2003 SJ_{274} 9 5.9 304°.69 2°.0/ 4.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 21.52	− 8 33.2	1.644	2.501	15.4	20.7
8 9	23 18.44	− 9 12.9	1.555	2.483	12.0	20.5
8 19	23 12.95	−10 5.1	1.488	2.465	7.9	20.2
8 29	23 5.57	−11 4.5	1.444	2.447	3.6	19.9
9 8	22 57.18	−12 3.8	1.426	2.430	2.8	19.8
9 18	22 48.83	−12 55.5	1.434	2.412	7.1	20.0
9 28	22 41.69	−13 33.1	1.467	2.395	11.6	20.2
10 8	22 36.67	−13 52.7	1.522	2.379	15.5	20.4

23084 1999 XU_{113} 9 5.9 355°.53 9°.4/12.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 23.46	+12 42.3	1.454	2.232	20.8	18.0
8 9	23 20.26	+14 9.1	1.376	2.228	18.0	17.8
8 19	23 14.34	+15 12.9	1.315	2.225	14.9	17.6
8 29	23 6.25	+15 48.9	1.274	2.223	11.8	17.4
9 8	22 56.99	+15 55.1	1.254	2.222	9.7	17.3
9 18	22 47.82	+15 33.3	1.258	2.221	9.8	17.3
9 28	22 40.08	+14 50.0	1.284	2.222	12.0	17.4
10 8	22 34.80	+13 54.9	1.332	2.223	15.1	17.6

475372 2006 DN_{154} 9 5.9 264°.07 2°.6/ 4.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 35.03	−14 13.4	1.783	2.621	15.2	21.3
8 9	23 28.53	−14 2.5	1.701	2.617	11.8	21.1
8 19	23 19.42	−13 53.6	1.642	2.612	7.9	20.8
8 29	23 8.38	−13 42.5	1.608	2.608	3.9	20.6
9 8	22 56.46	−13 24.8	1.602	2.604	3.1	20.5
9 18	22 44.85	−12 57.5	1.625	2.599	6.9	20.7
9 28	22 34.77	−12 19.3	1.675	2.595	11.0	21.0
10 8	22 27.08	−11 30.4	1.749	2.590	14.6	21.2

264063 2009 SE_{107} 9 5.9 319°.05 2°.2/ 8.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 19.07	+ 2 4.4	2.074	2.886	14.3	20.6
8 9	23 15.95	+ 1 54.9	1.982	2.875	11.5	20.4
8 19	23 10.98	+ 1 29.7	1.910	2.865	8.2	20.2
8 29	23 4.59	+ 0 50.2	1.862	2.855	4.7	19.9
9 8	22 57.47	+ 0 0.2	1.841	2.845	2.2	19.7
9 18	22 50.43	− 0 55.4	1.847	2.835	4.6	19.9
9 28	22 44.30	− 1 50.7	1.881	2.826	8.2	20.1
10 8	22 39.79	− 2 40.0	1.938	2.817	11.7	20.3

192492 1998 HA_{35} 9 5.9 165°.51 2°.2/ 3.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 24.72	−10 15.9	2.229	3.066	12.6	21.1
8 9	23 20.04	−11 7.5	2.154	3.072	9.6	20.9
8 19	23 13.52	−12 6.7	2.104	3.076	6.3	20.7
8 29	23 5.66	−13 8.5	2.080	3.080	3.1	20.5
9 8	22 57.20	−14 7.0	2.084	3.084	2.8	20.5
9 18	22 48.95	−14 56.7	2.118	3.087	6.0	20.7
9 28	22 41.71	−15 33.5	2.178	3.089	9.2	21.0
10 8	22 36.14	−15 55.2	2.263	3.091	12.2	21.2

81418 2000 GR_{99} 9 5.9 166°.57 0°.0/ 5.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 24.32	− 4 33.1	2.509	3.325	12.0	20.4
8 9	23 19.51	− 4 53.8	2.427	3.329	9.3	20.3
8 19	23 13.06	− 5 23.7	2.368	3.334	6.2	20.1
8 29	23 5.43	− 6 0.1	2.337	3.337	2.8	19.9
9 8	22 57.27	− 6 39.0	2.334	3.340	0.8	19.7
9 18	22 49.27	− 7 16.3	2.360	3.343	4.3	20.0
9 28	22 42.15	− 7 48.3	2.415	3.345	7.5	20.2
10 8	22 36.49	− 8 11.9	2.496	3.347	10.4	20.4

11224 1999 JP_{32} 9 5.9 17.°34 1.°3/ 4.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 20.95	− 7 4.7	1.893	2.739	14.2	17.7
8 9	23 17.46	− 7 43.3	1.820	2.740	10.9	17.5
8 19	23 11.97	− 8 32.9	1.768	2.742	7.1	17.3
8 29	23 5.02	− 9 28.8	1.741	2.744	3.1	17.0
9 8	22 57.38	−10 24.9	1.741	2.746	1.9	16.9
9 18	22 49.95	−11 15.2	1.769	2.748	5.8	17.2
9 28	22 43.64	−11 54.3	1.822	2.751	9.6	17.4
10 8	22 39.14	−12 19.0	1.899	2.754	13.0	17.7

352880 2008 YH_{3} 9 5.9 243.°13 11.°9/22.3 18

7 30	23 34.54	−42 56.1	2.187	2.997	13.7	20.2
8 9	23 28.36	−44 23.6	2.136	2.986	12.6	20.1
8 19	23 19.39	−45 35.9	2.107	2.974	12.0	20.0
8 29	23 8.37	−46 23.7	2.100	2.962	12.1	20.0
9 8	22 56.48	−46 40.2	2.115	2.950	13.0	20.0
9 18	22 45.05	−46 22.8	2.151	2.937	14.3	20.1
9 28	22 35.36	−45 32.8	2.207	2.924	15.8	20.2
10 8	22 28.28	−44 14.9	2.279	2.911	17.3	20.3

200204 1999 TX_{4} 9 5.9 337.°58 3.°3/ 3.1 18

7 30	23 15.35	− 9 10.2	1.237	2.123	17.6	19.1
8 9	23 14.30	−10 11.9	1.161	2.104	13.6	18.8
8 19	23 10.53	−11 30.6	1.103	2.087	9.0	18.5
8 29	23 4.59	−12 58.7	1.067	2.071	4.4	18.2
9 8	22 57.47	−14 25.0	1.055	2.056	4.4	18.2
9 18	22 50.48	−15 38.2	1.065	2.043	9.1	18.4
9 28	22 44.96	−16 29.2	1.098	2.031	14.1	18.6
10 8	22 41.96	−16 53.4	1.150	2.020	18.5	18.9

154399 2003 AP_{41} 9 5.9 212.°96 1.°4/ 7.3 18

7 30	23 24.35	+ 0 22.8	2.003	2.813	14.8	21.2
8 9	23 20.09	+ 0 2.1	1.912	2.807	11.8	21.0
8 19	23 13.77	− 0 34.3	1.842	2.800	8.2	20.7
8 29	23 5.86	− 1 24.2	1.797	2.793	4.3	20.5
9 8	22 57.15	− 2 23.1	1.779	2.785	1.5	20.3
9 18	22 48.52	− 3 25.2	1.790	2.777	4.9	20.5
9 28	22 40.94	− 4 24.0	1.828	2.768	8.9	20.7
10 8	22 35.15	− 5 14.0	1.891	2.759	12.5	20.9

509123 2005 YH_{71} 9 5.9 25.°33 3.°6/ 8.5 18

7 30	23 25.43	+ 2 31.4	1.558	2.375	18.0	21.4
8 9	23 21.39	+ 2 57.4	1.483	2.377	14.6	21.2
8 19	23 14.84	+ 3 5.5	1.427	2.380	10.6	20.9
8 29	23 6.39	+ 2 56.1	1.393	2.383	6.4	20.7
9 8	22 57.01	+ 2 32.2	1.385	2.386	3.6	20.5
9 18	22 47.87	+ 1 58.7	1.402	2.389	5.9	20.7
9 28	22 40.14	+ 1 22.1	1.445	2.392	10.0	20.9
10 8	22 34.69	+ 0 49.0	1.510	2.396	14.0	21.2

292069 2006 RP_{17} 9 5.9 337.°01 4.°4/ 2.5 18

7 30	23 19.00	−13 50.3	1.347	2.230	16.6	19.4
8 9	23 16.99	−14 30.9	1.268	2.209	12.9	19.1
8 19	23 12.25	−15 20.1	1.208	2.189	8.7	18.8
8 29	23 5.34	−16 10.6	1.171	2.171	5.0	18.5
9 8	22 57.28	−16 53.3	1.157	2.154	5.3	18.5
9 18	22 49.34	−17 20.2	1.167	2.138	9.4	18.7
9 28	22 42.87	−17 25.7	1.199	2.124	13.9	18.9
10 8	22 38.90	−17 8.1	1.250	2.111	18.0	19.1

295742 2008 UF_{95} 9 5.9 279.°37 1.°1/ 6.8 18

7 30	23 22.32	− 0 50.9	1.845	2.670	15.3	21.2
8 9	23 18.86	− 1 12.4	1.743	2.647	12.2	21.0
8 19	23 13.17	− 1 50.6	1.661	2.625	8.5	20.7
8 29	23 5.69	− 2 43.3	1.603	2.602	4.2	20.4
9 8	22 57.18	− 3 45.6	1.572	2.579	1.2	20.1
9 18	22 48.62	− 4 51.1	1.568	2.556	5.4	20.4
9 28	22 41.07	− 5 52.5	1.591	2.532	9.8	20.6
10 8	22 35.41	− 6 43.6	1.637	2.509	13.9	20.8

386790 2010 EZ_{69} 9 5.9 133.°98 2.°4/ 8.3 16

7 30	23 26.30	+ 2 28.7	2.304	3.092	13.8	21.9
8 9	23 21.13	+ 2 29.5	2.228	3.106	11.0	21.7
8 19	23 14.18	+ 2 16.7	2.173	3.120	7.9	21.5
8 29	23 5.96	+ 1 51.7	2.144	3.133	4.6	21.3
9 8	22 57.19	+ 1 17.5	2.144	3.145	2.4	21.2
9 18	22 48.64	+ 0 38.2	2.172	3.157	4.3	21.4
9 28	22 41.11	− 0 1.5	2.229	3.168	7.5	21.6
10 8	22 35.20	− 0 37.3	2.312	3.179	10.5	21.8

318781 2005 SC_{101} 9 5.9 257.°95 0.°9/ 4.9 18

7 30	23 24.04	− 8 6.8	2.442	3.271	11.9	22.0
8 9	23 19.52	− 8 24.7	2.343	3.254	9.2	21.8
8 19	23 13.23	− 8 49.9	2.267	3.237	6.1	21.6
8 29	23 5.60	− 9 19.5	2.218	3.220	2.7	21.4
9 8	22 57.27	− 9 49.4	2.197	3.202	1.5	21.2
9 18	22 48.98	−10 15.6	2.206	3.185	4.9	21.4
9 28	22 41.52	−10 34.4	2.242	3.166	8.3	21.6
10 8	22 35.56	−10 43.3	2.303	3.148	11.4	21.8

436214 2009 XR_{22} 9 5.9 60.°33 0.°1/ 5.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 24.10	− 4 20.9	1.588	2.431	16.6	21.6
8 9	23 20.25	− 4 43.3	1.519	2.437	12.9	21.4
8 19	23 14.00	− 5 20.2	1.471	2.442	8.6	21.2
8 29	23 6.00	− 6 7.2	1.446	2.448	3.9	20.9
9 8	22 57.19	− 6 58.2	1.447	2.454	1.1	20.7
9 18	22 48.69	− 7 46.2	1.474	2.460	5.9	21.1
9 28	22 41.57	− 8 25.2	1.527	2.466	10.4	21.3
10 8	22 36.64	− 8 50.7	1.603	2.472	14.2	21.6

403447 2009 SQ_{273} 9 5.9 316.°39 3.°2/ 2.8 18

7 30	23 24.02	−14 57.6	2.164	3.014	12.5	20.7
8 9	23 19.65	−15 23.7	2.084	3.007	9.6	20.5
8 19	23 13.36	−15 53.2	2.027	3.000	6.5	20.3
8 29	23 5.65	−16 21.4	1.996	2.994	3.7	20.1
9 8	22 57.28	−16 43.1	1.993	2.987	3.8	20.1
9 18	22 49.10	−16 54.3	2.017	2.981	6.6	20.3
9 28	22 41.97	−16 52.3	2.067	2.975	9.8	20.5
10 8	22 36.56	−16 36.2	2.141	2.969	12.7	20.7

62174 2000 SX_{35} 9 5.9 327.°11 0.°0/ 5.7 18

7 30	23 20.59	− 3 57.9	1.956	2.791	14.2	19.6
8 9	23 17.20	− 4 24.7	1.874	2.787	11.1	19.4
8 19	23 11.84	− 5 4.4	1.813	2.782	7.4	19.2
8 29	23 5.01	− 5 53.5	1.777	2.778	3.3	18.9
9 8	22 57.47	− 6 46.8	1.767	2.774	0.9	18.7
9 18	22 50.07	− 7 38.4	1.785	2.770	5.1	19.0
9 28	22 43.70	− 8 22.8	1.830	2.767	9.1	19.2
10 8	22 39.07	− 8 55.7	1.899	2.763	12.5	19.4

135983 2002 UD_{9} 9 5.9 347.°34 1.°9/ 3.9 18

7 30	23 13.22	− 3 26.3	1.381	2.249	17.2	18.8
8 9	23 12.28	− 5 3.6	1.305	2.239	13.3	18.5
8 19	23 8.99	− 7 5.4	1.249	2.230	8.7	18.2
8 29	23 3.85	− 9 23.6	1.218	2.222	3.7	17.9
9 8	22 57.77	−11 45.8	1.211	2.215	2.9	17.8
9 18	22 51.83	−13 58.3	1.231	2.210	7.8	18.1
9 28	22 47.19	−15 49.4	1.274	2.206	12.6	18.4
10 8	22 44.70	−17 11.7	1.338	2.203	16.8	18.6

132999 2002 TO_{269} 9 5.9 26.°66 5.°5/ 3.4 18

7 30	23 36.03	−20 44.7	1.351	2.213	17.9	18.7
8 9	23 29.65	−20 33.4	1.300	2.225	14.0	18.5
8 19	23 20.22	−20 18.2	1.268	2.239	9.8	18.3
8 29	23 8.70	−19 52.5	1.260	2.254	6.2	18.1
9 8	22 56.55	−19 11.4	1.278	2.269	6.0	18.2
9 18	22 45.28	−18 13.5	1.321	2.286	9.3	18.4
9 28	22 36.18	−17 0.2	1.389	2.303	13.2	18.7
10 8	22 30.05	−15 35.1	1.479	2.321	16.7	19.0

255883 2006 SV_{259} 9 5.9 171.°91 0.°7/ 6.6 18

7 30	23 25.93	− 1 29.8	1.874	2.693	15.3	21.2
8 9	23 21.36	− 1 56.5	1.794	2.696	12.1	21.0
8 19	23 14.63	− 2 38.5	1.736	2.699	8.2	20.7
8 29	23 6.28	− 3 32.4	1.702	2.701	4.0	20.5
9 8	22 57.15	− 4 32.9	1.696	2.703	1.0	20.3
9 18	22 48.23	− 5 33.7	1.718	2.704	5.2	20.6
9 28	22 40.49	− 6 28.2	1.767	2.704	9.3	20.8
10 8	22 34.70	− 7 11.6	1.840	2.704	12.9	21.0

316830 2000 AS_{146} 9 5.9 207.°15 6.°8/25.8 18

7 30	23 21.65	−28 26.8	2.775	3.624	10.1	20.5
8 9	23 17.65	−30 14.0	2.714	3.619	8.4	20.3
8 19	23 11.97	−31 57.9	2.679	3.615	7.1	20.3
8 29	23 5.04	−33 31.4	2.671	3.610	6.9	20.2
9 8	22 57.48	−34 48.3	2.691	3.604	7.8	20.3
9 18	22 50.02	−35 44.3	2.737	3.598	9.4	20.4
9 28	22 43.39	−36 17.5	2.806	3.592	11.2	20.5
10 8	22 38.21	−36 28.3	2.895	3.586	12.9	20.6

341126 2007 ME 9 5.9 351.°10 6.°6/10.2 18

7 30	23 26.52	+ 6 48.1	1.527	2.326	19.1	19.7
8 9	23 22.46	+ 7 58.1	1.447	2.322	16.1	19.5
8 19	23 15.74	+ 8 50.0	1.385	2.319	12.5	19.3
8 29	23 6.91	+ 9 20.9	1.344	2.316	8.9	19.1
9 8	22 56.97	+ 9 30.3	1.327	2.314	6.6	18.9
9 18	22 47.15	+ 9 20.7	1.335	2.313	7.6	19.0
9 28	22 38.73	+ 8 57.7	1.368	2.312	10.9	19.2
10 8	22 32.71	+ 8 28.7	1.423	2.312	14.5	19.4

507956 2015 BY_{25} 9 5.9 131.°28 0.°7/ 6.5 17

7 30	23 25.96	− 2 3.2	1.781	2.606	15.8	21.7
8 9	23 21.41	− 2 26.0	1.710	2.616	12.4	21.5
8 19	23 14.65	− 3 3.6	1.660	2.625	8.4	21.3
8 29	23 6.27	− 3 52.7	1.635	2.634	4.0	21.0
9 8	22 57.18	− 4 47.6	1.636	2.643	1.0	20.8
9 18	22 48.37	− 5 42.0	1.665	2.651	5.3	21.2
9 28	22 40.84	− 6 29.8	1.721	2.659	9.4	21.4
10 8	22 35.34	− 7 6.4	1.800	2.666	13.1	21.7

62857 2000 UM_{77} 9 5.9 20°.49 1°.9/ 4.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 19.67	− 7 6.9	1.196	2.072	18.7	18.7
8 9	23 17.42	− 7 49.4	1.143	2.080	14.4	18.5
8 19	23 12.39	− 8 47.5	1.109	2.089	9.4	18.2
8 29	23 5.34	− 9 54.0	1.096	2.100	4.1	18.0
9 8	22 57.43	−10 59.3	1.107	2.111	2.7	17.9
9 18	22 49.98	−11 54.3	1.141	2.124	7.7	18.3
9 28	22 44.24	−12 31.8	1.198	2.138	12.5	18.6
10 8	22 41.04	−12 48.5	1.276	2.152	16.7	18.9

167286 2003 UZ_{180} 9 5.9 352°.69 0°.3/ 6.1 18

7 30	23 24.75	− 4 54.3	1.616	2.459	16.3	19.8
8 9	23 20.81	− 4 52.8	1.540	2.457	12.8	19.5
8 19	23 14.44	− 5 3.6	1.484	2.455	8.6	19.3
8 29	23 6.25	− 5 23.6	1.452	2.453	4.0	19.0
9 8	22 57.17	− 5 48.1	1.445	2.452	1.0	18.8
9 18	22 48.33	− 6 11.8	1.465	2.451	5.8	19.1
9 28	22 40.85	− 6 29.6	1.510	2.451	10.3	19.4
10 8	22 35.55	− 6 37.5	1.578	2.451	14.2	19.6

23958 1998 VD_{30} 9 5.9 260°.17 4°.5/16.5 18 R

7 30	23 13.86	+21 22.1	4.746	5.389	8.9	17.8
8 9	23 10.93	+21 26.2	4.637	5.383	7.9	17.7
8 19	23 7.16	+21 18.0	4.547	5.376	6.7	17.6
8 29	23 2.79	+20 57.3	4.480	5.369	5.6	17.6
9 8	22 58.12	+20 24.4	4.439	5.362	4.8	17.5
9 18	22 53.48	+19 40.8	4.425	5.355	4.5	17.5
9 28	22 49.23	+18 48.7	4.439	5.347	5.0	17.5
10 8	22 45.68	+17 51.0	4.480	5.340	6.0	17.6

349205 2007 RU_{257} 9 5.9 103°.40 1°.1/ 4.8 17

7 30	23 22.97	− 5 42.3	1.923	2.760	14.3	21.3
8 9	23 18.92	− 6 33.5	1.858	2.774	11.0	21.1
8 19	23 12.89	− 7 36.8	1.815	2.787	7.2	20.9
8 29	23 5.46	− 8 46.9	1.798	2.800	3.1	20.7
9 8	22 57.43	− 9 57.2	1.808	2.813	1.7	20.6
9 18	22 49.68	−11 1.3	1.846	2.825	5.6	20.9
9 28	22 43.10	−11 53.6	1.911	2.838	9.4	21.2
10 8	22 38.32	−12 30.6	2.000	2.850	12.6	21.4

507282 2011 FG_{150} 9 5.9 98°.69 8°.2/30.1 17

7 30	23 31.47	−26 37.5	1.747	2.602	14.8	20.9
8 9	23 25.74	−27 44.3	1.702	2.617	11.9	20.8
8 19	23 17.49	−28 45.0	1.680	2.631	9.4	20.6
8 29	23 7.50	−29 30.6	1.681	2.645	8.2	20.6
9 8	22 56.91	−29 53.8	1.708	2.659	9.0	20.7
9 18	22 46.92	−29 51.1	1.760	2.673	11.1	20.9
9 28	22 38.64	−29 22.7	1.836	2.686	13.7	21.1
10 8	22 32.78	−28 31.9	1.931	2.699	16.1	21.3

399566 2003 SD_{145} 9 5.9 347°.97 9°.1/14.5 17

7 30	23 14.66	+15 45.8	1.576	2.345	19.8	19.6
8 9	23 13.30	+16 38.8	1.488	2.331	17.4	19.4
8 19	23 9.66	+17 5.4	1.416	2.317	14.6	19.2
8 29	23 4.20	+17 1.8	1.362	2.305	11.7	19.0
9 8	22 57.73	+16 27.3	1.330	2.295	9.6	18.9
9 18	22 51.29	+15 24.6	1.321	2.286	9.3	18.8
9 28	22 45.99	+14 1.5	1.334	2.278	11.0	18.9
10 8	22 42.77	+12 28.5	1.370	2.272	13.9	19.1

11732 1998 KX_{48} 9 5.9 71°.04 3°.9/ 1.5 18

7 30	23 20.75	−14 24.1	2.086	2.943	12.6	17.1
8 9	23 17.17	−15 35.8	2.021	2.949	9.6	16.9
8 19	23 11.73	−16 52.9	1.980	2.954	6.5	16.7
8 29	23 4.95	−18 9.0	1.965	2.960	4.1	16.6
9 8	22 57.57	−19 16.8	1.977	2.965	4.6	16.6
9 18	22 50.42	−20 10.8	2.017	2.971	7.4	16.8
9 28	22 44.32	−20 46.9	2.082	2.977	10.4	17.0
10 8	22 39.89	−21 3.8	2.170	2.983	13.1	17.2

384483 2010 CU_{44} 9 5.9 160°.97 0°.1/ 6.0 18

7 30	23 28.71	− 5 30.8	2.032	2.854	14.2	20.7
8 9	23 23.31	− 5 29.5	1.952	2.857	11.1	20.5
8 19	23 15.82	− 5 37.4	1.895	2.861	7.4	20.3
8 29	23 6.80	− 5 52.0	1.863	2.864	3.4	20.1
9 8	22 57.08	− 6 9.3	1.860	2.867	0.9	19.9
9 18	22 47.59	− 6 25.5	1.885	2.869	5.0	20.2
9 28	22 39.28	− 6 36.7	1.938	2.871	8.9	20.4
10 8	22 32.85	− 6 40.0	2.016	2.873	12.2	20.6

112246 2002 LH_{7} 9 5.9 164°.64 0°.1/ 5.8 18

7 30	23 24.22	− 2 55.9	1.559	2.398	17.0	20.2
8 9	23 20.48	− 3 38.3	1.485	2.401	13.3	19.9
8 19	23 14.27	− 4 38.4	1.432	2.402	8.9	19.7
8 29	23 6.20	− 5 51.5	1.402	2.404	4.0	19.4
9 8	22 57.24	− 7 9.8	1.399	2.405	1.2	19.2
9 18	22 48.51	− 8 24.8	1.422	2.406	6.2	19.6
9 28	22 41.17	− 9 28.7	1.470	2.407	10.8	19.8
10 8	22 36.07	−10 15.8	1.541	2.408	14.8	20.1

324983 2008 AR_{98} 9 5.9 97°.20 0°.4/ 6.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 29.06	− 3 53.0	1.554	2.388	17.3	20.7
8 9	23 24.02	− 4 1.2	1.492	2.403	13.5	20.5
8 19	23 16.47	− 4 23.4	1.451	2.419	9.1	20.2
8 29	23 7.11	− 4 55.8	1.433	2.434	4.2	20.0
9 8	22 57.02	− 5 32.9	1.442	2.449	1.0	19.8
9 18	22 47.37	− 6 8.4	1.477	2.463	5.8	20.2
9 28	22 39.30	− 6 36.9	1.539	2.477	10.3	20.5
10 8	22 33.58	− 6 54.3	1.623	2.491	14.1	20.7

175402 2006 OL_{10} 9 5.9 24°.97 5°.6/ 9.6 17

7 30	23 23.89	+ 4 57.7	1.140	1.976	22.1	19.7
8 9	23 20.93	+ 5 42.7	1.081	1.983	18.2	19.5
8 19	23 14.91	+ 6 2.8	1.038	1.991	13.6	19.3
8 29	23 6.56	+ 5 56.9	1.014	2.000	8.9	19.0
9 8	22 57.15	+ 5 28.0	1.012	2.010	5.7	18.9
9 18	22 48.14	+ 4 42.7	1.033	2.020	7.5	19.0
9 28	22 40.98	+ 3 50.4	1.077	2.032	11.8	19.3
10 8	22 36.67	+ 3 1.1	1.141	2.044	16.1	19.6

348114 2003 YM_{138} 9 5.9 274°.89 8°.6/12.7 18

7 30	23 28.61	+15 14.3	2.019	2.742	17.4	20.5
8 9	23 23.65	+16 36.7	1.925	2.736	15.2	20.3
8 19	23 16.35	+17 40.8	1.849	2.729	12.8	20.2
8 29	23 7.19	+18 22.6	1.796	2.723	10.4	20.0
9 8	22 56.96	+18 39.9	1.767	2.716	8.8	19.9
9 18	22 46.68	+18 33.1	1.763	2.709	8.9	19.9
9 28	22 37.45	+18 6.4	1.785	2.702	10.5	20.0
10 8	22 30.19	+17 26.5	1.831	2.696	12.9	20.1

518717 2009 DH_{32} 9 5.9 227°.24 0°.5/ 5.3 18

7 30	23 24.49	− 5 55.1	2.908	3.720	10.6	23.2
8 9	23 19.60	− 6 26.2	2.802	3.704	8.3	23.1
8 19	23 13.18	− 7 5.6	2.721	3.686	5.5	22.9
8 29	23 5.60	− 7 50.4	2.667	3.668	2.4	22.6
9 8	22 57.41	− 8 37.0	2.644	3.650	1.0	22.5
9 18	22 49.22	− 9 21.4	2.651	3.630	4.2	22.7
9 28	22 41.71	− 9 59.8	2.687	3.609	7.2	22.9
10 8	22 35.45	−10 29.4	2.750	3.587	10.0	23.0

511501 2014 OU_{122} 9 5.9 72°.31 4°.1/ 9.9 18

7 30	23 25.98	+ 6 26.1	2.245	3.016	14.6	21.3
8 9	23 20.92	+ 6 56.8	2.177	3.037	12.0	21.1
8 19	23 14.07	+ 7 12.2	2.129	3.058	9.0	21.0
8 29	23 5.96	+ 7 12.5	2.106	3.079	6.1	20.8
9 8	22 57.33	+ 6 59.4	2.110	3.100	4.2	20.8
9 18	22 48.98	+ 6 36.0	2.143	3.121	5.0	20.8
9 28	22 41.68	+ 6 6.7	2.203	3.142	7.6	21.0
10 8	22 36.03	+ 5 36.5	2.288	3.163	10.3	21.3

42089 2001 AQ_{15} 9 5.9 140°.39 0°.6/ 5.1 18

7 30	23 19.95	− 5 4.0	2.717	3.539	11.0	19.9
8 9	23 16.07	− 5 52.8	2.640	3.547	8.5	19.7
8 19	23 10.77	− 6 50.9	2.587	3.556	5.6	19.6
8 29	23 4.47	− 7 54.6	2.562	3.564	2.4	19.4
9 8	22 57.72	− 8 59.4	2.566	3.572	1.1	19.3
9 18	22 51.12	−10 0.7	2.600	3.579	4.2	19.5
9 28	22 45.28	−10 54.4	2.662	3.586	7.2	19.7
10 8	22 40.71	−11 37.3	2.750	3.593	9.8	19.9

287687 2003 QS_{19} 9 5.9 344°.53 1°.7/ 4.7 18

7 30	23 18.44	− 6 16.3	1.075	1.958	19.9	20.0
8 9	23 17.02	− 6 55.8	1.008	1.949	15.5	19.7
8 19	23 12.52	− 7 55.3	0.959	1.941	10.3	19.4
8 29	23 5.59	− 9 8.0	0.930	1.934	4.5	19.1
9 8	22 57.41	−10 23.4	0.923	1.928	2.7	18.9
9 18	22 49.48	−11 29.9	0.938	1.923	8.4	19.3
9 28	22 43.32	−12 18.0	0.975	1.920	14.0	19.6
10 8	22 40.01	−12 42.1	1.031	1.918	18.8	19.8

451173 2009 SB_{258} 9 5.9 305°.21 2°.3/ 3.6 18

7 30	23 21.85	−11 24.7	2.173	3.020	12.5	21.8
8 9	23 18.04	−11 56.0	2.087	3.009	9.6	21.6
8 19	23 12.36	−12 33.7	2.024	2.998	6.4	21.4
8 29	23 5.29	−13 13.6	1.986	2.987	3.2	21.2
9 8	22 57.52	−13 50.5	1.977	2.977	2.8	21.1
9 18	22 49.87	−14 19.5	1.995	2.966	6.0	21.3
9 28	22 43.18	−14 36.9	2.039	2.956	9.4	21.5
10 8	22 38.12	−14 40.7	2.107	2.946	12.5	21.7

512387 2016 NG_{66} 9 5.9 24°.38 12°.3/16.6 18

7 30	23 23.53	+20 11.6	1.428	2.164	22.9	20.0
8 9	23 20.40	+21 49.6	1.363	2.172	20.4	19.9
8 19	23 14.49	+22 57.9	1.312	2.180	17.7	19.7
8 29	23 6.41	+23 30.1	1.278	2.190	15.0	19.6
9 8	22 57.21	+23 23.8	1.265	2.200	12.9	19.5
9 18	22 48.23	+22 40.8	1.272	2.211	12.3	19.5
9 28	22 40.80	+21 29.1	1.301	2.222	13.3	19.6
10 8	22 35.93	+20 0.5	1.351	2.235	15.4	19.7

215132 1999 TQ_4 9 5.9 328°.12 13°.4/20.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 15.04	+27 27.1	1.091	1.827	28.7	19.8
8 9	23 14.67	+27 43.9	1.014	1.821	26.1	19.5
8 19	23 11.17	+27 8.8	0.947	1.816	22.8	19.3
8 29	23 5.07	+25 31.4	0.893	1.811	19.1	19.0
9 8	22 57.55	+22 48.2	0.856	1.806	15.5	18.8
9 18	22 50.16	+19 6.2	0.840	1.802	13.4	18.7
9 28	22 44.58	+14 45.9	0.846	1.799	14.4	18.7
10 8	22 42.02	+10 16.8	0.874	1.796	17.7	18.9

218761 2005 VG_{120} 9 5.9 300°.80 3°.2/ 2.2 18

7 30	23 19.93	−13 4.6	2.179	3.033	12.2	20.2
8 9	23 16.57	−14 3.3	2.097	3.024	9.4	20.0
8 19	23 11.40	−15 8.8	2.039	3.014	6.3	19.8
8 29	23 4.86	−16 15.4	2.007	3.005	3.6	19.6
9 8	22 57.64	−17 16.7	2.002	2.995	3.9	19.7
9 18	22 50.54	−18 7.1	2.025	2.986	6.8	19.8
9 28	22 44.37	−18 42.2	2.074	2.977	10.0	20.0
10 8	22 39.80	−18 59.9	2.145	2.968	12.9	20.2

371876 2008 CU_{34} 9 5.9 215°.36 1°.1/ 6.7 18

7 30	23 27.94	− 2 36.6	1.606	2.436	17.0	21.1
8 9	23 23.37	− 2 33.9	1.526	2.433	13.5	20.8
8 19	23 16.24	− 2 45.5	1.465	2.430	9.3	20.6
8 29	23 7.13	− 3 9.2	1.428	2.427	4.6	20.3
9 8	22 57.03	− 3 40.4	1.417	2.423	1.3	20.1
9 18	22 47.13	− 4 13.4	1.432	2.419	5.8	20.4
9 28	22 38.61	− 4 42.3	1.474	2.415	10.4	20.6
10 8	22 32.41	− 5 2.2	1.538	2.411	14.5	20.9

482340 2011 VC_{10} 9 5.9 329°.86 2°.2/ 4.0 16

7 30	23 22.15	− 9 48.9	1.714	2.570	14.9	21.6
8 9	23 18.75	−10 20.6	1.635	2.562	11.5	21.3
8 19	23 13.07	−11 1.8	1.577	2.554	7.6	21.1
8 29	23 5.67	−11 47.4	1.544	2.546	3.5	20.8
9 8	22 57.43	−12 31.0	1.537	2.539	2.8	20.8
9 18	22 49.35	−13 6.2	1.556	2.533	6.8	21.0
9 28	22 42.50	−13 28.1	1.600	2.527	10.9	21.2
10 8	22 37.69	−13 34.0	1.666	2.521	14.5	21.4

315052 2007 CF_{66} 9 5.9 99°.81 2°.8/ 9.1 18

7 30	23 23.02	+ 4 19.0	2.498	3.279	13.0	20.9
8 9	23 18.50	+ 4 23.0	2.424	3.296	10.5	20.8
8 19	23 12.42	+ 4 13.5	2.372	3.312	7.7	20.6
8 29	23 5.23	+ 3 51.6	2.344	3.328	4.7	20.5
9 8	22 57.57	+ 3 19.8	2.345	3.343	2.8	20.4
9 18	22 50.11	+ 2 41.8	2.374	3.359	4.1	20.5
9 28	22 43.55	+ 2 1.8	2.432	3.374	6.9	20.7
10 8	22 38.41	+ 1 24.2	2.516	3.389	9.6	20.9

143941 2003 YE_{115} 9 5.9 304°.72 2°.7/ 3.9 17

7 30	23 23.35	− 9 29.3	1.334	2.203	17.6	20.5
8 9	23 20.48	−10 7.1	1.252	2.185	13.7	20.2
8 19	23 14.71	−10 58.5	1.188	2.168	9.1	19.9
8 29	23 6.59	−11 57.4	1.148	2.150	4.3	19.5
9 8	22 57.18	−12 54.8	1.131	2.134	3.6	19.5
9 18	22 47.82	−13 41.6	1.138	2.117	8.4	19.7
9 28	22 39.99	−14 10.6	1.169	2.101	13.5	19.9
10 8	22 34.78	−14 18.0	1.220	2.085	18.0	20.2

443016 2013 DD_{11} 9 5.9 35°.54 0°.7/ 5.3 18

7 30	23 26.93	− 8 16.8	1.859	2.698	14.7	20.7
8 9	23 22.09	− 8 14.1	1.787	2.703	11.4	20.5
8 19	23 15.09	− 8 19.1	1.737	2.709	7.5	20.3
8 29	23 6.51	− 8 28.5	1.712	2.714	3.3	20.1
9 8	22 57.25	− 8 38.1	1.714	2.720	1.4	19.9
9 18	22 48.28	− 8 44.1	1.743	2.726	5.5	20.2
9 28	22 40.59	− 8 43.0	1.800	2.732	9.5	20.5
10 8	22 34.89	− 8 32.7	1.880	2.739	12.9	20.7

69983 1998 WO_{17} 9 5.9 253°.51 8°.1/17.2 18

7 30	23 20.17	+23 42.1	2.706	3.357	14.8	19.3
8 9	23 16.58	+24 15.7	2.602	3.348	13.4	19.2
8 19	23 11.35	+24 28.8	2.515	3.338	11.7	19.0
8 29	23 4.85	+24 18.8	2.448	3.328	9.9	18.9
9 8	22 57.66	+23 45.2	2.404	3.318	8.6	18.8
9 18	22 50.48	+22 49.3	2.386	3.308	8.1	18.8
9 28	22 44.05	+21 35.4	2.393	3.298	8.8	18.8
10 8	22 38.99	+20 9.8	2.426	3.287	10.3	18.9

266964 2010 VN_{51} 9 5.9 86°.94 4°.1/ 1.7 18

7 30	23 24.12	−17 47.8	2.291	3.142	11.8	20.2
8 9	23 19.59	−18 28.2	2.223	3.145	9.1	20.0
8 19	23 13.26	−19 10.1	2.179	3.149	6.4	19.9
8 29	23 5.64	−19 48.0	2.161	3.152	4.3	19.7
9 8	22 57.48	−20 16.9	2.171	3.155	4.7	19.8
9 18	22 49.57	−20 32.9	2.208	3.159	7.1	19.9
9 28	22 42.71	−20 33.6	2.271	3.162	9.8	20.1
10 8	22 37.49	−20 18.9	2.358	3.166	12.4	20.3

249740 2000 SF_{192} 9 5.9 327°.55 2°.1/ 4.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 24.77	−10 8.2	1.097	1.977	19.8	19.9
8 9	23 22.15	−10 7.4	1.021	1.960	15.5	19.6
8 19	23 16.13	−10 17.3	0.963	1.944	10.4	19.2
8 29	23 7.33	−10 32.7	0.924	1.928	4.8	18.9
9 8	22 57.00	−10 46.1	0.909	1.914	2.9	18.7
9 18	22 46.81	−10 50.2	0.915	1.900	8.6	19.0
9 28	22 38.49	−10 39.4	0.943	1.888	14.4	19.3
10 8	22 33.31	−10 11.4	0.990	1.877	19.4	19.5

446959 2003 SW_{243} 9 5.9 219°.85 1°.2/ 4.3 17

7 30	23 21.73	− 9 33.2	3.180	4.005	9.5	22.2
8 9	23 17.31	−10 1.6	3.085	3.995	7.3	22.0
8 19	23 11.58	−10 35.3	3.015	3.984	4.8	21.8
8 29	23 4.88	−11 11.4	2.972	3.974	2.2	21.6
9 8	22 57.70	−11 46.5	2.960	3.962	1.6	21.6
9 18	22 50.59	−12 17.5	2.977	3.950	4.2	21.7
9 28	22 44.11	−12 41.4	3.023	3.938	6.8	21.9
10 8	22 38.74	−12 56.4	3.095	3.925	9.2	22.0

106249 2000 UK_{52} 9 5.9 212°.54 0°.3/ 6.3 18

7 30	23 20.97	− 2 49.1	2.694	3.506	11.4	20.4
8 9	23 16.97	− 3 19.3	2.601	3.500	8.9	20.2
8 19	23 11.47	− 4 0.0	2.531	3.494	6.0	20.0
8 29	23 4.87	− 4 48.5	2.487	3.487	2.8	19.8
9 8	22 57.71	− 5 41.0	2.473	3.480	0.6	19.6
9 18	22 50.63	− 6 33.1	2.488	3.472	3.9	19.8
9 28	22 44.28	− 7 20.7	2.531	3.464	7.1	20.0
10 8	22 39.21	− 8 0.2	2.601	3.456	9.9	20.2

328593 2009 SE_{68} 9 5.9 263°.77 3°.1/ 2.3 18

7 30	23 21.72	−14 42.7	2.484	3.331	11.2	21.2
8 9	23 17.72	−15 26.5	2.400	3.322	8.6	21.0
8 19	23 12.05	−16 14.4	2.339	3.312	5.8	20.8
8 29	23 5.15	−17 1.7	2.306	3.302	3.5	20.6
9 8	22 57.65	−17 43.3	2.300	3.292	3.7	20.6
9 18	22 50.26	−18 14.9	2.323	3.281	6.2	20.8
9 28	22 43.71	−18 33.4	2.372	3.271	9.1	21.0
10 8	22 38.62	−18 37.2	2.445	3.261	11.7	21.1

386781 2010 DN_{48} 9 5.9 198°.39 1°.3/ 7.1 18

7 30	23 24.97	− 0 57.0	2.047	2.860	14.4	21.8
8 9	23 20.53	− 1 5.1	1.961	2.858	11.4	21.5
8 19	23 14.08	− 1 26.6	1.896	2.856	7.9	21.3
8 29	23 6.12	− 1 59.5	1.857	2.853	4.1	21.1
9 8	22 57.41	− 2 39.6	1.844	2.850	1.4	20.9
9 18	22 48.84	− 3 22.2	1.860	2.847	4.7	21.1
9 28	22 41.32	− 4 2.1	1.904	2.843	8.6	21.4
10 8	22 35.56	− 4 34.5	1.972	2.839	12.0	21.6

428670 2008 GE_{145} 9 5.9 132°.31 1°.7/ 4.3 17

7 30	23 25.46	− 7 4.6	1.792	2.633	15.1	21.5
8 9	23 21.05	− 8 1.3	1.726	2.644	11.6	21.3
8 19	23 14.45	− 9 10.0	1.682	2.655	7.5	21.1
8 29	23 6.26	−10 24.9	1.663	2.665	3.3	20.9
9 8	22 57.39	−11 38.4	1.672	2.675	2.4	20.8
9 18	22 48.82	−12 43.4	1.708	2.685	6.3	21.1
9 28	22 41.53	−13 34.0	1.771	2.693	10.3	21.4
10 8	22 36.25	−14 7.2	1.857	2.702	13.7	21.6

439101 2011 SW_{56} 9 5.9 11°.18 0°.6/ 5.4 18

7 30	23 19.94	− 4 6.5	1.764	2.607	15.2	21.2
8 9	23 16.91	− 4 53.0	1.690	2.608	11.8	20.9
8 19	23 11.78	− 5 54.4	1.636	2.609	7.8	20.7
8 29	23 5.10	− 7 6.1	1.608	2.610	3.4	20.4
9 8	22 57.69	− 8 21.1	1.606	2.612	1.3	20.3
9 18	22 50.47	− 9 32.0	1.631	2.614	5.7	20.6
9 28	22 44.40	−10 31.9	1.681	2.616	9.9	20.9
10 8	22 40.20	−11 16.2	1.755	2.619	13.5	21.1

142257 2002 RT_{106} 9 5.9 303°.27 6°.2/31.5 18

7 30	23 25.37	−20 14.4	1.757	2.621	14.3	19.3
8 9	23 21.49	−21 8.8	1.669	2.597	11.3	19.1
8 19	23 15.10	−22 5.5	1.603	2.572	8.3	18.9
8 29	23 6.71	−22 56.6	1.562	2.548	6.3	18.7
9 8	22 57.24	−23 33.6	1.546	2.523	7.1	18.7
9 18	22 47.84	−23 50.4	1.555	2.499	10.0	18.8
9 28	22 39.71	−23 43.3	1.588	2.476	13.5	19.0
10 8	22 33.79	−23 12.6	1.642	2.452	16.8	19.1

188355 2003 YC_{43} 9 5.9 197°.34 0°.0/ 5.8 17

7 30	23 25.70	− 3 34.2	1.827	2.655	15.3	21.9
8 9	23 21.35	− 4 6.0	1.744	2.653	12.0	21.7
8 19	23 14.77	− 4 52.3	1.682	2.650	8.0	21.4
8 29	23 6.48	− 5 49.2	1.646	2.647	3.6	21.1
9 8	22 57.34	− 6 50.7	1.636	2.643	1.0	20.9
9 18	22 48.36	− 7 50.2	1.655	2.639	5.6	21.3
9 28	22 40.57	− 8 41.2	1.700	2.634	9.8	21.5
10 8	22 34.77	− 9 19.2	1.769	2.629	13.6	21.7

214116 2004 TU_{59} 9 5.9 38.°62 3.°4/ 2.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 24.28	−14 47.2	1.958	2.812	13.4	20.0
8 9	23 19.96	−15 19.5	1.895	2.820	10.3	19.8
8 19	23 13.63	−15 55.5	1.854	2.828	6.9	19.6
8 29	23 5.88	−16 29.7	1.839	2.836	4.0	19.5
9 8	22 57.53	−16 56.6	1.851	2.845	4.0	19.5
9 18	22 49.51	−17 11.8	1.889	2.854	7.0	19.7
9 28	22 42.70	−17 12.5	1.954	2.863	10.2	19.9
10 8	22 37.75	−16 58.2	2.042	2.873	13.1	20.1

188561 2004 TL_{79} 9 5.9 0.°17 12.°6/23.6 18

7 30	23 17.84	+31 53.2	2.019	2.636	20.1	19.0
8 9	23 15.50	+32 52.1	1.935	2.634	18.7	18.9
8 19	23 11.00	+33 21.5	1.863	2.633	17.0	18.8
8 29	23 4.83	+33 16.2	1.806	2.633	15.3	18.6
9 8	22 57.78	+32 33.8	1.768	2.633	13.7	18.5
9 18	22 50.82	+31 15.1	1.750	2.634	12.7	18.5
9 28	22 44.96	+29 25.6	1.754	2.636	12.7	18.5
10 8	22 41.03	+27 14.9	1.781	2.638	13.6	18.5

133340 2003 SX_{105} 9 5.9 13.°72 7.°7/11.2 18

7 30	23 16.24	+ 7 45.5	0.876	1.735	25.4	18.7
8 9	23 15.64	+ 8 43.1	0.828	1.740	21.2	18.4
8 19	23 11.74	+ 9 7.0	0.793	1.748	16.4	18.2
8 29	23 5.29	+ 8 54.5	0.775	1.757	11.5	18.0
9 8	22 57.68	+ 8 9.1	0.775	1.769	7.9	17.8
9 18	22 50.55	+ 6 59.6	0.794	1.783	8.8	18.0
9 28	22 45.47	+ 5 39.9	0.834	1.798	12.8	18.2
10 8	22 43.44	+ 4 23.8	0.893	1.815	17.3	18.6

338021 2002 GZ_{60} 9 5.9 36.°64 1.°9/ 4.4 18

7 30	23 24.18	− 8 51.4	1.590	2.445	16.0	20.6
8 9	23 20.37	− 9 23.2	1.524	2.449	12.3	20.4
8 19	23 14.16	−10 5.5	1.478	2.454	8.1	20.2
8 29	23 6.20	−10 52.8	1.457	2.460	3.6	19.9
9 8	22 57.46	−11 38.2	1.461	2.465	2.6	19.9
9 18	22 49.04	−12 15.2	1.492	2.471	6.8	20.1
9 28	22 42.02	−12 38.8	1.548	2.477	11.0	20.4
10 8	22 37.20	−12 46.3	1.626	2.483	14.6	20.7

319337 2006 BO_{257} 9 5.9 268.°68 0.°3/ 5.6 18

7 30	23 23.47	− 6 34.6	2.386	3.213	12.2	20.8
8 9	23 19.09	− 6 43.1	2.298	3.207	9.5	20.6
8 19	23 12.99	− 6 59.5	2.232	3.200	6.3	20.4
8 29	23 5.61	− 7 21.1	2.192	3.194	2.8	20.1
9 8	22 57.61	− 7 44.2	2.181	3.187	1.0	20.0
9 18	22 49.73	− 8 5.2	2.198	3.181	4.6	20.2
9 28	22 42.72	− 8 20.6	2.243	3.174	8.0	20.4
10 8	22 37.22	− 8 27.7	2.314	3.168	11.0	20.6

362600 2010 WG_{47} 9 5.9 59.°42 4.°9/31.6 18

7 30	23 22.57	−19 13.0	2.194	3.052	12.1	20.3
8 9	23 18.52	−20 11.7	2.133	3.058	9.4	20.1
8 19	23 12.62	−21 11.3	2.096	3.064	6.7	19.9
8 29	23 5.43	−22 5.6	2.084	3.070	5.0	19.8
9 8	22 57.68	−22 48.6	2.099	3.076	5.6	19.9
9 18	22 50.19	−23 16.0	2.142	3.083	7.9	20.1
9 28	22 43.77	−23 25.2	2.209	3.089	10.5	20.2
10 8	22 39.03	−23 16.3	2.299	3.095	13.0	20.4

68098 2000 YR_{116} 9 5.9 176.°63 4.°7/30.6 18

7 30	23 20.58	−18 34.1	2.457	3.312	11.0	19.3
8 9	23 16.89	−19 59.3	2.389	3.313	8.5	19.2
8 19	23 11.52	−21 27.0	2.346	3.313	6.1	19.0
8 29	23 4.94	−22 50.7	2.331	3.314	4.8	18.9
9 8	22 57.79	−24 3.9	2.343	3.314	5.5	19.0
9 18	22 50.79	−25 1.5	2.383	3.314	7.7	19.1
9 28	22 44.66	−25 40.3	2.449	3.314	10.2	19.3
10 8	22 40.01	−25 59.4	2.537	3.314	12.5	19.5

108321 2001 JG_{8} 9 5.9 49.°83 6.°0/31.7 18

7 30	23 25.15	−19 30.5	1.686	2.553	14.7	19.4
8 9	23 21.01	−20 34.0	1.632	2.561	11.4	19.2
8 19	23 14.51	−21 38.4	1.600	2.570	8.2	19.0
8 29	23 6.32	−22 35.5	1.592	2.579	6.1	18.9
9 8	22 57.46	−23 17.4	1.610	2.588	6.8	19.0
9 18	22 49.02	−23 39.0	1.654	2.598	9.5	19.2
9 28	22 42.02	−23 37.9	1.721	2.607	12.7	19.4
10 8	22 37.22	−23 15.2	1.809	2.617	15.5	19.6

99555 2002 ES_{145} 9 5.9 78.°11 0.°9/ 5.3 18

7 30	23 27.17	− 6 14.4	1.373	2.226	18.1	19.7
8 9	23 22.98	− 6 39.3	1.312	2.236	14.1	19.4
8 19	23 16.04	− 7 18.4	1.271	2.245	9.3	19.2
8 29	23 7.08	− 8 6.3	1.253	2.255	4.1	18.9
9 8	22 57.26	− 8 55.5	1.259	2.265	1.8	18.8
9 18	22 47.88	− 9 38.4	1.291	2.275	6.8	19.2
9 28	22 40.18	−10 8.8	1.348	2.285	11.6	19.5
10 8	22 35.03	−10 23.2	1.427	2.295	15.7	19.7

245311 2005 EA_{37} 9 5.9 129.°56 1.°3/ 7.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 21.64	+ 1 54.4	2.251	3.052	13.6	20.5
8 9	23 17.70	+ 1 10.7	2.174	3.064	10.8	20.3
8 19	23 12.05	+ 0 11.3	2.120	3.075	7.5	20.1
8 29	23 5.18	− 1 0.8	2.091	3.086	3.9	19.9
9 8	22 57.76	− 2 20.5	2.091	3.097	1.3	19.7
9 18	22 50.54	− 3 41.7	2.120	3.107	4.2	20.0
9 28	22 44.26	− 4 58.1	2.177	3.116	7.7	20.2
10 8	22 39.51	− 6 4.6	2.260	3.126	10.8	20.4

290252 2005 SC_{110} 9 5.9 64.°94 1.°7/ 3.8 18

7 30	23 20.45	−11 29.5	2.914	3.750	10.0	20.6
8 9	23 16.34	−11 54.6	2.848	3.764	7.6	20.5
8 19	23 10.92	−12 23.6	2.806	3.778	5.0	20.3
8 29	23 4.60	−12 53.4	2.791	3.792	2.4	20.2
9 8	22 57.92	−13 20.5	2.806	3.806	2.1	20.2
9 18	22 51.43	−13 41.9	2.849	3.820	4.5	20.4
9 28	22 45.70	−13 55.1	2.920	3.834	7.0	20.6
10 8	22 41.17	−13 58.8	3.017	3.848	9.3	20.7

446811 1999 WN_{22} 9 5.9 355.°93 0.°0/ 5.8 16

7 30	23 17.83	− 4 29.8	1.515	2.373	16.5	21.3
8 9	23 15.66	− 4 47.3	1.441	2.367	12.9	21.0
8 19	23 11.17	− 5 19.7	1.387	2.362	8.6	20.8
8 29	23 4.93	− 6 3.0	1.356	2.359	3.9	20.5
9 8	22 57.84	− 6 51.1	1.350	2.357	1.1	20.3
9 18	22 50.94	− 7 37.2	1.368	2.356	6.0	20.6
9 28	22 45.33	− 8 14.6	1.411	2.356	10.5	20.9
10 8	22 41.80	− 8 38.5	1.476	2.358	14.5	21.1

190642 2000 XX_{5} 9 5.9 287.°66 6.°9/11.4 18

7 30	23 24.33	+10 42.7	1.780	2.550	17.9	19.1
8 9	23 20.66	+11 29.8	1.680	2.533	15.3	18.9
8 19	23 14.59	+11 57.1	1.599	2.516	12.3	18.7
8 29	23 6.56	+12 1.6	1.539	2.499	9.2	18.4
9 8	22 57.39	+11 43.1	1.503	2.482	7.0	18.3
9 18	22 48.12	+11 4.2	1.492	2.465	7.5	18.3
9 28	22 39.92	+10 10.7	1.507	2.448	10.3	18.4
10 8	22 33.78	+ 9 11.0	1.545	2.432	13.7	18.6

109632 2001 QF_{328} 9 5.9 287.°83 2.°0/ 3.9 18

7 30	23 20.30	− 5 45.3	1.569	2.424	16.2	19.5
8 9	23 17.60	− 7 3.6	1.490	2.416	12.5	19.2
8 19	23 12.52	− 8 40.2	1.431	2.408	8.2	19.0
8 29	23 5.58	−10 28.2	1.397	2.400	3.7	18.7
9 8	22 57.68	−12 17.5	1.389	2.392	2.9	18.6
9 18	22 49.89	−13 57.8	1.408	2.384	7.4	18.9
9 28	22 43.36	−15 19.9	1.451	2.377	11.9	19.1
10 8	22 38.97	−16 18.6	1.517	2.369	15.8	19.3

36725 2000 RB_{45} 9 5.9 110.°32 1.°7/ 4.7 18

7 30	23 31.19	−10 24.6	1.833	2.670	14.9	18.3
8 9	23 25.38	−10 31.9	1.767	2.682	11.5	18.1
8 19	23 17.28	−10 45.5	1.723	2.694	7.6	17.9
8 29	23 7.57	−11 1.4	1.704	2.706	3.4	17.7
9 8	22 57.20	−11 14.5	1.713	2.717	2.2	17.6
9 18	22 47.24	−11 20.9	1.751	2.729	6.1	17.9
9 28	22 38.70	−11 17.5	1.815	2.739	9.9	18.1
10 8	22 32.30	−11 2.9	1.903	2.750	13.3	18.4

510823 2013 BC_{77} 9 5.9 281.°49 2.°2/ 3.7 18

7 30	23 21.45	− 9 6.2	1.948	2.797	13.7	21.5
8 9	23 18.01	− 9 57.1	1.863	2.786	10.6	21.2
8 19	23 12.55	−10 58.6	1.800	2.776	6.9	21.0
8 29	23 5.52	−12 5.4	1.763	2.765	3.3	20.8
9 8	22 57.71	−13 10.7	1.753	2.755	2.8	20.7
9 18	22 49.99	−14 8.0	1.770	2.744	6.4	20.9
9 28	22 43.31	−14 51.6	1.814	2.734	10.2	21.1
10 8	22 38.42	−15 18.5	1.880	2.723	13.6	21.3

448662 2010 VB_{165} 9 5.9 283.°37 1.°2/ 4.7 18

7 30	23 22.70	− 8 25.6	2.213	3.050	12.7	21.5
8 9	23 18.72	− 8 48.6	2.122	3.038	9.8	21.3
8 19	23 12.88	− 9 19.8	2.054	3.026	6.5	21.1
8 29	23 5.64	− 9 55.6	2.011	3.013	2.9	20.8
9 8	22 57.68	−10 31.4	1.996	3.001	1.8	20.7
9 18	22 49.81	−11 2.4	2.010	2.989	5.3	20.9
9 28	22 42.86	−11 24.7	2.050	2.976	8.9	21.1
10 8	22 37.51	−11 35.5	2.115	2.964	12.1	21.3

521759 2015 RY_{275} 9 5.9 342.°85 3.°3/ 2.9 18

7 30	23 21.88	−13 18.8	1.857	2.716	13.8	21.0
8 9	23 18.39	−13 59.5	1.782	2.711	10.6	20.8
8 19	23 12.79	−14 46.4	1.730	2.706	7.1	20.6
8 29	23 5.62	−15 33.7	1.702	2.701	3.9	20.4
9 8	22 57.70	−16 14.9	1.701	2.697	4.0	20.4
9 18	22 49.99	−16 44.6	1.726	2.694	7.2	20.6
9 28	22 43.43	−16 58.7	1.777	2.690	10.8	20.8
10 8	22 38.77	−16 55.7	1.849	2.688	14.0	21.0

449288 2013 EO_{85} 9 5.9 56.°70 0.°8/ 5.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 22.12	− 6 30.5	2.032	2.870	13.6	21.3
8 9	23 18.21	− 6 59.5	1.967	2.883	10.5	21.1
8 19	23 12.46	− 7 38.3	1.924	2.895	6.9	20.9
8 29	23 5.39	− 8 22.9	1.906	2.909	3.0	20.7
9 8	22 57.78	− 9 8.0	1.916	2.922	1.4	20.6
9 18	22 50.44	−10 20.2	2.018	2.949	5.1	20.9
9 28	22 44.18	−10 40.0	2.106	2.962	11.8	21.4

144283 2004 CY_{106} 9 5.9 287.°10 4.°2/ 9.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 25.95	+ 4 21.2	1.959	2.751	15.7	19.7
8 9	23 21.64	+ 4 57.4	1.856	2.732	13.0	19.5
8 19	23 15.10	+ 5 19.2	1.774	2.714	9.8	19.3
8 29	23 6.76	+ 5 25.5	1.715	2.695	6.4	19.0
9 8	22 57.39	+ 5 17.6	1.682	2.677	4.2	18.8
9 18	22 47.96	+ 4 58.2	1.676	2.658	5.7	18.9
9 28	22 39.51	+ 4 31.9	1.697	2.640	9.2	19.1
10 8	22 32.94	+ 4 4.3	1.742	2.622	12.7	19.3

81508 2000 GL_{166} 9 5.9 337.°35 0.°3/ 5.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 21.37	− 4 48.1	1.734	2.578	15.3	19.6
8 9	23 18.13	− 5 14.6	1.655	2.573	12.0	19.4
8 19	23 12.70	− 5 54.7	1.596	2.568	8.0	19.1
8 29	23 5.61	− 6 44.5	1.562	2.564	3.6	18.9
9 8	22 57.71	− 7 37.9	1.553	2.560	1.2	18.7
9 18	22 49.97	− 8 28.5	1.572	2.557	5.7	19.0
9 28	22 43.40	− 9 10.2	1.616	2.553	10.0	19.2
10 8	22 38.79	− 9 38.6	1.683	2.551	13.7	19.5

40450 1999 RX_{37} 9 5.9 245.°55 1.°6/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 19.43	+ 2 11.1	2.337	3.140	13.2	19.1
8 9	23 16.07	+ 1 41.7	2.247	3.136	10.5	18.9
8 19	23 11.05	+ 0 57.0	2.178	3.131	7.4	18.7
8 29	23 4.80	− 0 0.6	2.134	3.127	4.1	18.5
9 8	22 57.93	− 1 7.3	2.118	3.122	1.6	18.3
9 18	22 51.16	− 2 17.6	2.130	3.118	4.1	18.5
9 28	22 45.21	− 3 25.9	2.171	3.113	7.5	18.7
10 8	22 40.69	− 4 26.8	2.237	3.109	10.6	18.9

408024 2012 FN_{10} 9 5.9 278.°31 0.°9/ 7.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 19.99	− 0 56.7	2.345	3.159	12.8	21.9
8 9	23 16.50	− 1 19.0	2.253	3.152	10.1	21.7
8 19	23 11.34	− 1 54.1	2.183	3.144	6.9	21.5
8 29	23 4.94	− 2 39.5	2.139	3.137	3.5	21.3
9 8	22 57.90	− 3 31.3	2.123	3.129	1.0	21.1
9 18	22 50.94	− 4 24.9	2.135	3.121	4.2	21.3
9 28	22 44.81	− 5 15.0	2.174	3.114	7.7	21.5
10 8	22 40.11	− 5 57.4	2.239	3.106	10.8	21.7

294112 2007 TJ_{235} 9 5.9 10.°39 0.°5/ 5.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 22.67	− 5 39.6	1.599	2.448	16.2	21.0
8 9	23 19.25	− 5 59.1	1.528	2.449	12.6	20.8
8 19	23 13.48	− 6 31.6	1.477	2.450	8.4	20.6
8 29	23 5.97	− 7 12.9	1.450	2.453	3.7	20.3
9 8	22 57.64	− 7 56.9	1.448	2.455	1.3	20.1
9 18	22 49.57	− 8 37.3	1.473	2.458	6.0	20.5
9 28	22 42.83	− 9 8.1	1.523	2.461	10.4	20.7
10 8	22 38.22	− 9 25.6	1.595	2.465	14.2	21.0

353548 2011 SJ_{187} 9 5.9 316.°32 2.°2/ 8.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 20.56	+ 2 23.5	1.856	2.670	15.6	20.7
8 9	23 17.39	+ 2 8.5	1.770	2.665	12.6	20.5
8 19	23 12.17	+ 1 35.5	1.704	2.659	9.0	20.3
8 29	23 5.38	+ 0 46.2	1.661	2.654	5.0	20.0
9 8	22 57.79	− 0 14.7	1.645	2.649	2.2	19.9
9 18	22 50.31	− 1 21.4	1.656	2.645	4.9	20.0
9 28	22 43.88	− 2 26.6	1.693	2.640	8.9	20.3
10 8	22 39.28	− 3 24.0	1.755	2.636	12.6	20.5

476675 2008 TD_{51} 9 5.9 335.°38 3.°1/ 3.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 23.12	−11 28.3	1.346	2.218	17.3	21.1
8 9	23 20.21	−11 53.1	1.271	2.206	13.4	20.8
8 19	23 14.48	−12 27.5	1.216	2.195	8.9	20.5
8 29	23 6.54	−13 5.2	1.182	2.185	4.4	20.2
9 8	22 57.48	−13 38.4	1.173	2.175	3.8	20.2
9 18	22 48.63	−13 59.8	1.188	2.166	8.2	20.4
9 28	22 41.33	−14 4.3	1.226	2.158	13.0	20.7
10 8	22 36.60	−13 49.8	1.285	2.151	17.2	20.9

73893 1997 ET_{33} 9 5.9 112.°80 2.°6/ 3.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 26.62	− 9 30.0	1.621	2.472	15.9	19.9
8 9	23 22.17	−10 24.6	1.560	2.484	12.2	19.7
8 19	23 15.33	−11 29.8	1.521	2.496	8.0	19.5
8 29	23 6.76	−12 38.6	1.506	2.508	3.8	19.2
9 8	22 57.46	−13 43.1	1.518	2.519	3.3	19.2
9 18	22 48.54	−14 35.9	1.557	2.531	7.2	19.5
9 28	22 41.08	−15 11.9	1.621	2.541	11.2	19.8
10 8	22 35.84	−15 28.9	1.708	2.552	14.7	20.0

395915 2013 AY_{88} 9 5.9 217.°88 0.°7/ 5.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 24.02	− 6 36.7	2.102	2.935	13.4	21.3
8 9	23 19.77	− 6 58.6	2.019	2.932	10.4	21.1
8 19	23 13.58	− 7 30.2	1.959	2.929	6.9	20.9
8 29	23 5.96	− 8 7.8	1.924	2.926	3.0	20.7
9 8	22 57.66	− 8 46.8	1.917	2.923	1.3	20.5
9 18	22 49.50	− 9 22.3	1.938	2.920	5.2	20.8
9 28	22 42.37	− 9 49.8	1.986	2.917	8.9	21.0
10 8	22 36.94	−10 6.2	2.059	2.913	12.2	21.2

313300 2002 CL_{209} 9 5.9 61.°56 2.°3/ 3.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 20.29	− 9 39.9	2.091	2.939	12.9	20.4
8 9	23 16.85	−10 40.6	2.022	2.945	9.8	20.2
8 19	23 11.60	−11 50.2	1.976	2.952	6.4	20.0
8 29	23 5.04	−13 3.0	1.957	2.958	3.1	19.8
9 8	22 57.90	−14 12.5	1.965	2.964	3.0	19.8
9 18	22 50.96	−15 12.6	2.000	2.971	6.1	20.0
9 28	22 45.03	−15 58.8	2.063	2.977	9.5	20.3
10 8	22 40.73	−16 28.3	2.148	2.984	12.4	20.5

442176 2010 XQ_{1} 9 5.9 284.°56 3.°1/ 9.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 19.62	+ 5 39.3	2.271	3.058	14.0	21.0
8 9	23 16.31	+ 5 30.0	2.176	3.050	11.4	20.8
8 19	23 11.28	+ 5 3.8	2.101	3.042	8.5	20.6
8 29	23 4.93	+ 4 21.8	2.051	3.034	5.3	20.4
9 8	22 57.91	+ 3 27.0	2.027	3.026	3.1	20.3
9 18	22 50.95	+ 2 23.8	2.032	3.017	4.5	20.3
9 28	22 44.83	+ 1 18.2	2.064	3.009	7.6	20.5
10 8	22 40.19	+ 0 16.0	2.121	3.001	10.7	20.7

252718 2002 CQ_{194} 9 5.9 183.°82 0.°5/ 5.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 21.32	− 5 22.6	2.417	3.244	12.1	21.8
8 9	23 17.42	− 5 58.6	2.335	3.244	9.3	21.6
8 19	23 11.89	− 6 44.4	2.275	3.244	6.2	21.4
8 29	23 5.16	− 7 36.7	2.242	3.243	2.7	21.2
9 8	22 57.87	− 8 30.8	2.237	3.243	1.1	21.1
9 18	22 50.71	− 9 21.9	2.261	3.242	4.6	21.3
9 28	22 44.40	−10 5.5	2.313	3.241	7.9	21.5
10 8	22 39.52	−10 38.4	2.390	3.240	10.8	21.7

356400 2010 RU_{111} 9 5.9 20.°55 1.°2/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 22.28	− 7 38.6	1.766	2.615	14.9	20.6
8 9	23 18.69	− 8 2.0	1.697	2.619	11.5	20.3
8 19	23 12.98	− 8 35.6	1.650	2.624	7.5	20.1
8 29	23 5.71	− 9 15.0	1.627	2.630	3.3	19.9
9 8	22 57.75	− 9 54.4	1.630	2.635	1.8	19.8
9 18	22 50.05	−10 28.3	1.660	2.642	5.9	20.1
9 28	22 43.58	−10 51.8	1.716	2.649	9.9	20.3
10 8	22 39.05	−11 2.2	1.795	2.656	13.3	20.6

509808 2008 VA_{5} 9 5.9 345.°21 4.°6/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 20.82	+ 2 50.8	1.277	2.116	20.0	19.9
8 9	23 18.55	+ 3 32.2	1.199	2.105	16.4	19.6
8 19	23 13.48	+ 3 53.6	1.138	2.096	12.2	19.3
8 29	23 6.15	+ 3 54.1	1.097	2.087	7.6	19.0
9 8	22 57.60	+ 3 35.7	1.079	2.080	4.6	18.9
9 18	22 49.16	+ 3 3.5	1.085	2.073	6.8	19.0
9 28	22 42.23	+ 2 25.3	1.113	2.068	11.4	19.2
10 8	22 37.87	+ 1 49.4	1.162	2.065	15.9	19.5

37971 1998 HS_{102} 9 5.9 14.°59 0.°9/ 5.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 20.86	− 7 0.1	1.544	2.402	16.2	17.7
8 9	23 17.86	− 7 17.8	1.481	2.408	12.5	17.5
8 19	23 12.54	− 7 47.2	1.439	2.415	8.2	17.3
8 29	23 5.53	− 8 23.7	1.420	2.423	3.6	17.0
9 8	22 57.80	− 9 1.1	1.425	2.432	1.6	16.9
9 18	22 50.39	− 9 33.4	1.457	2.441	6.1	17.2
9 28	22 44.35	− 9 55.4	1.513	2.452	10.4	17.5
10 8	22 40.41	−10 3.8	1.592	2.464	14.1	17.8

99313 2001 TO_{25} 9 5.9 153.°63 2.°2/ 7.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 26.40	+ 0 51.9	1.800	2.612	16.2	19.7
8 9	23 21.91	+ 0 54.1	1.721	2.615	12.9	19.5
8 19	23 15.17	+ 0 40.4	1.663	2.619	9.1	19.3
8 29	23 6.75	+ 0 12.6	1.628	2.622	5.0	19.1
9 8	22 57.52	− 0 25.6	1.620	2.625	2.2	18.9
9 18	22 48.49	− 1 8.8	1.640	2.627	5.1	19.1
9 28	22 40.69	− 1 51.0	1.686	2.629	9.2	19.3
10 8	22 34.91	− 2 26.7	1.756	2.631	12.9	19.6

515974 2015 RT_{138} 9 5.9 269.°10 0.°3/ 5.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 30	23 20.68	− 4 15.9	2.209	3.038	13.0	21.5
8 9	23 17.18	− 4 52.0	2.117	3.027	10.1	21.3
8 19	23 11.89	− 5 40.3	2.048	3.017	6.8	21.1
8 29	23 5.24	− 6 37.2	2.005	3.006	3.0	20.8
9 8	22 57.90	− 7 37.7	1.989	2.995	1.0	20.6
9 18	22 50.62	− 8 36.4	2.001	2.985	4.9	20.9
9 28	22 44.22	− 9 27.7	2.041	2.974	8.5	21.1
10 8	22 39.36	−10 7.5	2.106	2.963	11.8	21.3

317897 2003 UK_{209} 9 5.9 275°.02 2°.1/ 4.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 23.63	− 9 21.1	1.870	2.718	14.2	20.9
8 9	23 19.86	−10 0.2	1.782	2.704	11.0	20.7
8 19	23 13.90	−10 49.5	1.715	2.689	7.3	20.5
8 29	23 6.23	−11 43.9	1.673	2.675	3.4	20.2
9 8	22 57.66	−12 37.1	1.658	2.660	2.7	20.1
9 18	22 49.17	−13 22.5	1.670	2.646	6.6	20.3
9 28	22 41.77	−13 55.0	1.708	2.631	10.6	20.5
10 8	22 36.28	−14 11.3	1.769	2.616	14.1	20.7

362537 2010 UR_{32} 9 5.9 90°.58 2°.1/ 3.9 18

7 30	23 25.17	−11 48.9	2.219	3.059	12.5	21.2
8 9	23 20.48	−12 9.7	2.146	3.064	9.6	21.0
8 19	23 13.96	−12 35.6	2.096	3.068	6.3	20.8
8 29	23 6.13	−13 2.4	2.072	3.073	3.1	20.6
9 8	22 57.72	−13 25.6	2.076	3.077	2.6	20.6
9 18	22 49.55	−13 41.3	2.109	3.081	5.7	20.8
9 28	22 42.42	−13 46.6	2.168	3.086	8.9	21.0
10 8	22 36.97	−13 40.0	2.252	3.090	11.8	21.2

504077 2006 BB_{46} 9 5.9 238°.26 1°.5/ 7.5 17

7 30	23 23.27	− 0 43.2	2.520	3.323	12.3	21.6
8 9	23 18.90	− 0 39.5	2.428	3.318	9.8	21.4
8 19	23 12.89	− 0 46.3	2.357	3.313	6.9	21.2
8 29	23 5.66	− 1 2.0	2.313	3.307	3.7	21.0
9 8	22 57.83	− 1 24.2	2.297	3.302	1.5	20.8
9 18	22 50.08	− 1 49.5	2.310	3.296	4.0	21.0
9 28	22 43.14	− 2 14.2	2.351	3.290	7.2	21.2
10 8	22 37.61	− 2 34.8	2.418	3.285	10.1	21.4

477652 2010 NT_{44} 9 5.9 342°.63 4°.1/ 2.6 18

7 30	23 25.74	−15 4.6	1.695	2.555	14.9	21.0
8 9	23 21.59	−15 43.2	1.625	2.553	11.5	20.8
8 19	23 15.04	−16 26.7	1.576	2.550	7.8	20.6
8 29	23 6.71	−17 8.5	1.551	2.549	4.6	20.4
9 8	22 57.57	−17 41.4	1.553	2.547	4.8	20.4
9 18	22 48.71	−18 0.0	1.581	2.545	8.1	20.6
9 28	22 41.22	−18 0.9	1.634	2.544	11.8	20.8
10 8	22 35.90	−17 43.4	1.708	2.543	15.1	21.0

470700 2008 TZ_{64} 9 5.9 320°.89 2°.0/ 7.3 16

7 30	23 22.49	− 1 37.5	1.393	2.239	18.3	21.0
8 9	23 19.81	− 1 19.7	1.301	2.217	14.7	20.7
8 19	23 14.36	− 1 18.0	1.227	2.195	10.4	20.4
8 29	23 6.62	− 1 31.4	1.176	2.174	5.5	20.1
9 8	22 57.55	− 1 56.1	1.148	2.154	2.1	19.8
9 18	22 48.42	− 2 26.5	1.144	2.134	6.3	20.0
9 28	22 40.63	− 2 55.7	1.165	2.116	11.5	20.3
10 8	22 35.31	− 3 17.0	1.206	2.098	16.3	20.5

143872 2003 YU_{23} 9 5.9 266°.54 3°.9/ 9.2 18

7 30	23 23.20	+ 5 19.2	1.546	2.356	18.4	20.6
8 9	23 19.97	+ 5 18.6	1.459	2.348	15.1	20.3
8 19	23 14.22	+ 4 55.0	1.391	2.340	11.2	20.1
8 29	23 6.46	+ 4 8.8	1.344	2.331	6.9	19.8
9 8	22 57.62	+ 3 3.9	1.322	2.323	3.9	19.6
9 18	22 48.84	+ 1 47.2	1.326	2.314	6.0	19.7
9 28	22 41.35	+ 0 27.9	1.355	2.305	10.3	19.9
10 8	22 36.11	− 0 44.9	1.407	2.297	14.5	20.2

318595 2005 JA_{25} 9 5.9 44°.35 0°.0/ 5.9 17

7 30	23 23.84	− 3 12.5	1.202	2.061	19.8	20.3
8 9	23 20.66	− 3 40.0	1.151	2.077	15.4	20.0
8 19	23 14.63	− 4 26.7	1.118	2.092	10.3	19.8
8 29	23 6.55	− 5 26.9	1.107	2.109	4.7	19.5
9 8	22 57.64	− 6 31.9	1.119	2.126	1.1	19.3
9 18	22 49.26	− 7 32.7	1.156	2.144	6.7	19.8
9 28	22 42.69	− 8 21.1	1.216	2.162	11.7	20.1
10 8	22 38.73	− 8 52.1	1.298	2.180	16.0	20.4

254691 2005 MG_{24} 9 5.9 309°.96 6°.4/21.4 17

7 30	23 15.38	+30 31.2	4.411	4.969	10.4	20.5
8 9	23 12.34	+30 51.4	4.305	4.964	9.6	20.4
8 19	23 8.29	+30 56.7	4.216	4.959	8.6	20.3
8 29	23 3.52	+30 45.8	4.147	4.954	7.7	20.2
9 8	22 58.39	+30 18.6	4.100	4.950	6.9	20.1
9 18	22 53.30	+29 35.8	4.077	4.945	6.5	20.1
9 28	22 48.66	+28 39.7	4.079	4.940	6.5	20.1
10 8	22 44.85	+27 33.5	4.107	4.935	7.1	20.2

177654 2004 YR_{33} 9 5.9 0°.00 5°.3/ 7.4 17

7 30	23 41.74	− 3 9.4	1.000	1.844	24.0	18.9
8 9	23 35.75	− 1 10.3	0.932	1.843	19.5	18.6
8 19	23 25.52	+ 0 41.1	0.880	1.842	14.2	18.3
8 29	23 11.80	+ 2 20.5	0.849	1.842	8.5	18.0
9 8	22 56.28	+ 3 44.0	0.841	1.842	5.3	17.8
9 18	22 41.14	+ 4 49.7	0.858	1.843	9.0	18.0
9 28	22 28.60	+ 5 39.5	0.897	1.844	14.6	18.3
10 8	22 20.07	+ 6 19.0	0.956	1.846	19.7	18.6

224271 2005 TT_{37} 9 5.9 186°.57 2°.1/ 8.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 30	23 24.35	+ 3 7.8	2.149	2.943	14.5	21.8
8 9	23 20.03	+ 2 41.6	2.060	2.943	11.6	21.6
8 19	23 13.79	+ 1 58.5	1.992	2.942	8.3	21.4
8 29	23 6.12	+ 1 0.4	1.950	2.941	4.6	21.2
9 8	22 57.74	− 0 8.3	1.935	2.939	2.1	21.0
9 18	22 49.46	− 1 21.8	1.949	2.936	4.5	21.2
9 28	22 42.16	− 2 33.6	1.991	2.932	8.2	21.4
10 8	22 36.53	− 3 37.9	2.059	2.928	11.5	21.6

254491 2005 ET_{33} 9 5.9 183°.50 2°.5/ 3.7 18

7 30	23 25.59	− 8 40.6	1.666	2.515	15.6	20.8
8 9	23 21.52	− 9 41.5	1.592	2.515	12.0	20.5
8 19	23 15.04	−10 55.0	1.540	2.515	7.9	20.3
8 29	23 6.75	−12 14.3	1.513	2.515	3.7	20.1
9 8	22 57.58	−13 31.0	1.513	2.514	3.2	20.0
9 18	22 48.63	−14 37.1	1.540	2.513	7.3	20.3
9 28	22 41.01	−15 26.1	1.592	2.511	11.4	20.5
10 8	22 35.56	−15 55.0	1.666	2.509	15.1	20.7

28143 1998 TK_{5} 9 5.9 240°.00 4°.7/ 1.9 18

7 30	23 26.83	−15 29.0	1.686	2.545	15.0	18.3
8 9	23 22.55	−16 25.6	1.611	2.538	11.6	18.1
8 19	23 15.78	−17 28.2	1.558	2.531	8.0	17.8
8 29	23 7.10	−18 29.2	1.529	2.524	5.1	17.7
9 8	22 57.49	−19 20.2	1.527	2.517	5.5	17.7
9 18	22 48.08	−19 54.6	1.551	2.509	8.8	17.8
9 28	22 40.05	−20 8.2	1.599	2.501	12.5	18.1
10 8	22 34.26	−20 0.2	1.669	2.493	15.9	18.3

12141 Chushayashi 9 5.9 233°.16 0°.0/ 5.9 18

7 30	23 24.16	− 4 11.1	1.894	2.725	14.7	18.6
8 9	23 20.13	− 4 30.6	1.812	2.722	11.5	18.4
8 19	23 13.98	− 5 2.8	1.751	2.719	7.8	18.1
8 29	23 6.24	− 5 44.2	1.714	2.715	3.5	17.9
9 8	22 57.71	− 6 29.7	1.705	2.712	0.9	17.7
9 18	22 49.34	− 7 13.8	1.723	2.708	5.3	18.0
9 28	22 42.08	− 7 51.0	1.768	2.705	9.3	18.2
10 8	22 36.69	− 8 17.2	1.837	2.701	12.9	18.4

1068 Nofretete 9 5.9 107°.77 1°.2/ 7.2 18

7 30	23 24.12	− 1 11.8	2.178	2.990	13.7	15.5
8 9	23 19.70	− 1 18.2	2.103	2.999	10.8	15.3
8 19	23 13.47	− 1 36.8	2.049	3.008	7.5	15.1
8 29	23 5.93	− 2 5.2	2.020	3.017	3.8	14.9
9 8	22 57.81	− 2 40.0	2.019	3.025	1.3	14.7
9 18	22 49.90	− 3 16.6	2.047	3.034	4.3	15.0
9 28	22 42.99	− 3 50.5	2.102	3.042	7.9	15.2
10 8	22 37.73	− 4 17.8	2.183	3.050	11.0	15.4

323628 2004 VX_{79} 9 5.9 269°.96 0°.1/ 5.9 17

7 30	23 20.93	− 4 18.6	2.422	3.246	12.2	22.1
8 9	23 17.25	− 4 45.5	2.325	3.231	9.5	21.9
8 19	23 11.89	− 5 23.0	2.250	3.217	6.4	21.7
8 29	23 5.26	− 6 8.2	2.201	3.202	2.9	21.4
9 8	22 57.96	− 6 57.1	2.180	3.187	0.8	21.2
9 18	22 50.70	− 7 44.9	2.188	3.172	4.5	21.5
9 28	22 44.23	− 8 27.0	2.223	3.156	7.9	21.7
10 8	22 39.16	− 8 59.8	2.284	3.141	11.0	21.9

512562 2016 SM_{22} 9 5.9 342°.47 3°.1/ 3.1 18

7 30	23 23.58	−11 30.3	1.742	2.598	14.7	21.3
8 9	23 19.85	−12 22.2	1.670	2.598	11.3	21.1
8 19	23 13.86	−13 22.9	1.621	2.597	7.5	20.9
8 29	23 6.19	−14 25.9	1.596	2.597	3.9	20.6
9 8	22 57.74	−15 23.7	1.598	2.596	3.8	20.6
9 18	22 49.51	−16 9.6	1.626	2.596	7.4	20.9
9 28	22 42.55	−16 38.8	1.680	2.596	11.2	21.1
10 8	22 37.61	−16 49.2	1.755	2.595	14.6	21.3

164590 2007 PF_{25} 9 5.9 28°.17 2°.6/ 4.1 18

7 30	23 22.83	− 9 42.6	1.315	2.186	17.7	19.6
8 9	23 19.71	−10 18.6	1.263	2.197	13.6	19.4
8 19	23 13.92	−11 5.6	1.230	2.210	8.9	19.2
8 29	23 6.22	−11 56.7	1.220	2.223	4.1	18.9
9 8	22 57.75	−12 43.6	1.235	2.237	3.3	18.9
9 18	22 49.77	−13 18.9	1.273	2.253	7.6	19.2
9 28	22 43.44	−13 37.7	1.336	2.268	12.1	19.5
10 8	22 39.57	−13 37.9	1.419	2.285	15.9	19.8

115084 2003 SM_{9} 9 5.9 258°.30 1°.1/ 6.8 18

7 30	23 27.98	− 3 15.4	1.983	2.800	14.7	20.2
8 9	23 23.11	− 3 4.5	1.886	2.787	11.7	20.0
8 19	23 16.03	− 3 4.3	1.812	2.774	8.0	19.8
8 29	23 7.21	− 3 13.1	1.762	2.760	4.0	19.5
9 8	22 57.47	− 3 27.7	1.739	2.746	1.2	19.3
9 18	22 47.76	− 3 44.3	1.745	2.732	5.0	19.5
9 28	22 39.11	− 3 58.6	1.779	2.717	9.2	19.7
10 8	22 32.37	− 4 6.6	1.836	2.703	12.8	19.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
516746 2009 RE_{19}			9 5.9 343°.79	8°.3/ 1.4 18		
	h m	° ′			°	m
7 30	23 39.88	−29 46.8	1.790	2.627	15.2	19.7
8 9	23 32.51	−29 52.4	1.716	2.617	12.6	19.5
8 19	23 22.26	−29 47.3	1.664	2.608	10.0	19.3
8 29	23 9.95	−29 23.6	1.636	2.600	8.4	19.2
9 8	22 56.84	−28 35.7	1.635	2.592	8.7	19.2
9 18	22 44.35	−27 22.0	1.661	2.586	10.9	19.3
9 28	22 33.75	−25 45.2	1.712	2.580	13.7	19.5
10 8	22 25.91	−23 50.6	1.787	2.575	16.5	19.7
168205 2006 JE_{28}			9 5.9 43°.74	3°.1/ 3.4 18		
7 30	23 23.97	−11 20.8	1.565	2.426	15.8	19.8
8 9	23 20.24	−12 6.3	1.507	2.436	12.1	19.6
8 19	23 14.13	−13 0.4	1.469	2.447	8.0	19.3
8 29	23 6.30	−13 56.2	1.456	2.457	4.0	19.1
9 8	22 57.76	−14 46.1	1.469	2.468	3.8	19.2
9 18	22 49.60	−15 23.5	1.507	2.480	7.5	19.4
9 28	22 42.89	−15 44.1	1.570	2.492	11.4	19.7
10 8	22 38.37	−15 46.2	1.655	2.504	14.9	19.9
47834 2000 EN_{114}			9 5.9 302°.04	13°.5/28.1 18		
7 30	23 43.57	−36 1.3	1.464	2.302	18.0	17.4
8 9	23 37.10	−37 5.4	1.377	2.266	15.9	17.1
8 19	23 26.45	−37 57.0	1.309	2.230	14.1	16.9
8 29	23 12.28	−38 21.4	1.262	2.193	13.5	16.8
9 8	22 56.19	−38 5.1	1.237	2.156	14.5	16.7
9 18	22 40.30	−37 1.6	1.235	2.120	17.0	16.8
9 28	22 26.78	−35 12.2	1.254	2.083	20.1	16.9
10 8	22 17.09	−32 46.1	1.291	2.047	23.2	17.0
476006 2007 RN_{76}			9 6.0 338°.01	0°.1/ 6.1 18		R
7 30	23 20.90	− 3 25.8	1.552	2.399	16.7	21.2
8 9	23 18.09	− 3 48.9	1.473	2.392	13.1	21.0
8 19	23 12.88	− 4 28.1	1.414	2.386	8.8	20.7
8 29	23 5.83	− 5 19.8	1.378	2.380	4.1	20.4
9 8	22 57.86	− 6 17.7	1.367	2.375	1.0	20.2
9 18	22 50.03	− 7 14.3	1.382	2.370	5.9	20.5
9 28	22 43.48	− 8 2.4	1.422	2.365	10.6	20.8
10 8	22 39.08	− 8 36.7	1.484	2.362	14.7	21.0
163932 2003 SD_{310}			9 6.0 301°.77	0°.3/ 6.3 18		
7 30	23 20.16	− 1 53.8	1.678	2.516	16.0	20.3
8 9	23 17.53	− 2 28.5	1.578	2.492	12.7	20.0
8 19	23 12.59	− 3 21.9	1.499	2.468	8.7	19.7
8 29	23 5.76	− 4 30.9	1.443	2.444	4.1	19.4
9 8	22 57.85	− 5 49.3	1.413	2.420	0.9	19.1
9 18	22 49.87	− 7 9.1	1.410	2.397	5.9	19.4
9 28	22 42.95	− 8 21.7	1.432	2.373	10.7	19.6
10 8	22 38.04	− 9 19.9	1.476	2.350	14.9	19.8
207371 2005 LJ_{33}			9 6.0 69°.34	0°.9/ 6.9 18		
7 30	23 21.61	− 0 50.5	1.931	2.754	14.8	20.9
8 9	23 18.08	− 1 17.5	1.853	2.756	11.7	20.7
8 19	23 12.57	− 1 59.8	1.796	2.759	8.0	20.4
8 29	23 5.60	− 2 54.3	1.763	2.762	3.9	20.2
9 8	22 57.94	− 3 55.8	1.758	2.765	1.0	20.0
9 18	22 50.45	− 4 58.1	1.780	2.767	4.8	20.3
9 28	22 44.04	− 5 55.1	1.829	2.770	8.8	20.5
10 8	22 39.38	− 6 41.7	1.902	2.773	12.2	20.7
44987 1999 VW_{168}			9 6.0 283°.71	0°.0/ 5.9 18		
7 30	23 24.93	− 4 27.9	1.500	2.345	17.2	19.2
8 9	23 21.44	− 4 44.9	1.414	2.332	13.6	19.0
8 19	23 15.28	− 5 17.5	1.347	2.319	9.2	18.7
8 29	23 7.00	− 6 2.1	1.304	2.306	4.2	18.4
9 8	22 57.57	− 6 52.3	1.286	2.293	1.1	18.1
9 18	22 48.20	− 7 41.0	1.293	2.280	6.4	18.4
9 28	22 40.19	− 8 20.7	1.326	2.267	11.4	18.7
10 8	22 34.54	− 8 46.3	1.380	2.254	15.8	18.9
469651 2004 TU_{144}			9 6.0 321°.08	2°.1/ 4.2 17		
7 30	23 22.09	−10 22.6	1.790	2.646	14.4	21.0
8 9	23 18.90	−10 43.3	1.693	2.619	11.3	20.7
8 19	23 13.42	−11 12.6	1.616	2.592	7.5	20.5
8 29	23 6.12	−11 46.2	1.564	2.567	3.6	20.2
9 8	22 57.80	−12 18.2	1.538	2.541	2.7	20.1
9 18	22 49.46	−12 42.8	1.538	2.516	6.7	20.2
9 28	22 42.18	−12 55.2	1.564	2.492	10.9	20.4
10 8	22 36.87	−12 52.5	1.611	2.469	14.8	20.6
136924 1998 KX_{5}			9 6.0 22°.21	3°.8/ 8.6 18		
7 30	23 21.05	+ 2 33.3	1.053	1.909	22.2	18.8
8 9	23 18.95	+ 2 51.6	1.000	1.917	18.0	18.5
8 19	23 13.78	+ 2 44.2	0.962	1.927	12.9	18.3
8 29	23 6.29	+ 2 12.4	0.944	1.938	7.6	18.1
9 8	22 57.80	+ 1 21.9	0.947	1.951	3.8	17.9
9 18	22 49.76	+ 0 21.9	0.973	1.964	6.8	18.1
9 28	22 43.62	− 0 37.1	1.021	1.979	11.8	18.4
10 8	22 40.31	− 1 26.1	1.089	1.995	16.4	18.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
396054 2013 CD_{44}			9 6.0 323°.29	2°.4/ 3.7 18		
	h m	° ′			°	m
7 30	23 21.08	− 9 28.9	1.756	2.613	14.6	20.9
8 9	23 17.98	−10 17.2	1.677	2.604	11.3	20.7
8 19	23 12.68	−11 16.4	1.620	2.596	7.4	20.5
8 29	23 5.72	−12 20.6	1.587	2.589	3.6	20.2
9 8	22 57.93	−13 22.8	1.580	2.582	3.1	20.2
9 18	22 50.28	−14 15.7	1.600	2.575	6.9	20.4
9 28	22 43.78	−14 53.9	1.645	2.568	10.9	20.6
10 8	22 39.24	−15 14.0	1.712	2.562	14.4	20.8
205097 1999 TW_{176}			9 6.0 276°.54	1°.5/ 4.7 18		
7 30	23 25.15	− 8 18.6	1.903	2.744	14.3	20.8
8 9	23 21.11	− 8 45.5	1.805	2.723	11.2	20.5
8 19	23 14.82	− 9 22.6	1.729	2.701	7.4	20.3
8 29	23 6.74	−10 6.0	1.678	2.680	3.4	20.0
9 8	22 57.66	−10 49.7	1.653	2.658	2.1	19.9
9 18	22 48.57	−11 28.1	1.657	2.636	6.2	20.1
9 28	22 40.53	−11 55.6	1.686	2.613	10.4	20.3
10 8	22 34.40	−12 9.0	1.739	2.591	14.1	20.5
185592 2008 BR_{35}			9 6.0 6°.19	1°.4/ 4.6 18		
7 30	23 21.44	− 7 32.9	1.977	2.821	13.7	20.4
8 9	23 17.92	− 8 13.4	1.902	2.821	10.6	20.2
8 19	23 12.45	− 9 4.4	1.848	2.822	6.9	20.0
8 29	23 5.56	−10 1.1	1.819	2.822	3.1	19.8
9 8	22 57.99	−10 57.5	1.818	2.822	2.0	19.7
9 18	22 50.59	−11 47.9	1.844	2.823	5.7	19.9
9 28	22 44.25	−12 27.1	1.897	2.824	9.4	20.2
10 8	22 39.65	−12 51.9	1.973	2.825	12.7	20.4
400681 2009 PE_{12}			9 6.0 338°.56	0°.6/ 6.5 18		
7 30	23 24.14	− 4 42.8	1.869	2.702	14.8	20.1
8 9	23 20.19	− 4 30.3	1.783	2.694	11.7	19.9
8 19	23 14.09	− 4 27.9	1.718	2.685	7.9	19.7
8 29	23 6.35	− 4 33.5	1.678	2.678	3.8	19.4
9 8	22 57.79	− 4 43.7	1.664	2.670	0.9	19.2
9 18	22 49.35	− 4 54.5	1.677	2.664	5.1	19.5
9 28	22 42.02	− 5 1.8	1.716	2.658	9.2	19.7
10 8	22 36.60	− 5 2.2	1.780	2.652	12.8	19.9
295502 2008 RM_{51}			9 6.0 303°.54	1°.7/ 9.2 18		
7 30	23 14.99	+ 3 43.7	4.260	5.033	8.2	20.9
8 9	23 11.92	+ 3 36.9	4.162	5.029	6.6	20.8
8 19	23 7.98	+ 3 22.0	4.087	5.025	4.8	20.7
8 29	23 3.41	+ 2 59.8	4.039	5.022	3.0	20.5
9 8	22 58.54	+ 2 31.9	4.019	5.018	1.7	20.4
9 18	22 53.72	+ 2 0.4	4.029	5.014	2.5	20.5
9 28	22 49.31	+ 1 27.5	4.069	5.010	4.4	20.6
10 8	22 45.62	+ 0 55.8	4.136	5.007	6.2	20.8
510828 2013 CL_{6}			9 6.0 274°.92	0°.1/ 5.9 18		
7 30	23 20.84	− 3 9.6	1.982	2.813	14.2	21.4
8 9	23 17.51	− 3 50.9	1.898	2.809	11.1	21.2
8 19	23 12.23	− 4 46.5	1.836	2.805	7.4	21.0
8 29	23 5.49	− 5 52.5	1.799	2.800	3.4	20.7
9 8	22 58.02	− 7 3.2	1.789	2.796	0.9	20.5
9 18	22 50.67	− 8 11.9	1.807	2.792	5.1	20.8
9 28	22 44.33	− 9 12.4	1.852	2.787	9.1	21.1
10 8	22 39.68	− 9 59.8	1.921	2.783	12.5	21.3
167848 2005 CR_{75}			9 6.0 218°.63	0°.6/ 6.5 18		
7 30	23 24.48	− 2 50.1	2.006	2.828	14.4	20.8
8 9	23 20.29	− 3 4.8	1.921	2.825	11.3	20.6
8 19	23 14.08	− 3 32.3	1.856	2.821	7.7	20.3
8 29	23 6.33	− 4 9.8	1.817	2.817	3.7	20.1
9 8	22 57.82	− 4 52.7	1.805	2.812	0.8	19.9
9 18	22 49.43	− 5 35.9	1.821	2.808	4.9	20.2
9 28	22 42.10	− 6 14.2	1.865	2.803	8.8	20.4
10 8	22 36.54	− 6 43.2	1.932	2.798	12.3	20.6
431642 2008 AR_{34}			9 6.0 297°.75	2°.6/ 4.1 18		
7 30	23 23.01	− 8 12.7	1.332	2.198	17.8	22.2
8 9	23 20.46	− 8 59.0	1.240	2.173	13.9	21.8
8 19	23 14.98	−10 2.4	1.168	2.147	9.3	21.5
8 29	23 7.03	−11 16.8	1.119	2.122	4.4	21.2
9 8	22 57.60	−12 32.7	1.093	2.096	3.5	21.0
9 18	22 48.05	−13 39.7	1.092	2.071	8.6	21.3
9 28	22 39.91	−14 28.4	1.114	2.046	13.9	21.5
10 8	22 34.40	−14 53.6	1.155	2.022	18.7	21.7
157427 2004 TN_{334}			9 6.0 59°.85	0°.1/ 5.9 18		
7 30	23 24.42	− 3 56.3	1.519	2.363	17.1	20.7
8 9	23 20.65	− 4 23.2	1.458	2.375	13.3	20.5
8 19	23 14.46	− 5 5.4	1.416	2.388	8.9	20.2
8 29	23 6.50	− 5 58.3	1.398	2.400	4.0	20.0
9 8	22 57.79	− 6 55.0	1.406	2.413	1.1	19.8
9 18	22 49.46	− 7 48.1	1.440	2.426	5.9	20.2
9 28	22 42.59	− 8 31.3	1.499	2.439	10.4	20.5
10 8	22 37.95	− 9 0.2	1.581	2.452	14.3	20.7