250011 2002 AY_{48} 8 7.9 155°.46 1°.6/ 9.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 37.95	−10 59.5	2.322	3.127	13.3	20.6
7 10	21 33.58	−10 49.9	2.237	3.129	10.6	20.4
7 20	21 27.38	−10 49.1	2.172	3.130	7.5	20.2
7 30	21 19.80	−10 56.0	2.134	3.132	4.1	20.0
8 9	21 11.51	−11 8.3	2.122	3.133	1.6	19.8
8 19	21 3.28	−11 23.3	2.139	3.135	4.0	20.0
8 29	20 55.91	−11 38.5	2.183	3.136	7.3	20.2
9 8	20 50.06	−11 51.4	2.253	3.137	10.4	20.4

395357 2011 QZ_{91} 8 7.9 299°.63 4°.2/10.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 34.05	− 3 34.4	1.864	2.662	16.3	21.3
7 10	21 31.28	− 3 28.5	1.758	2.638	13.5	21.0
7 20	21 26.30	− 3 40.2	1.670	2.615	10.3	20.8
7 30	21 19.49	− 4 10.0	1.605	2.591	6.8	20.5
8 9	21 11.53	− 4 56.2	1.565	2.567	4.3	20.3
8 19	21 3.34	− 5 54.9	1.551	2.544	5.6	20.3
8 29	20 55.96	− 7 0.7	1.562	2.521	9.2	20.5
9 8	20 50.32	− 8 7.1	1.598	2.498	13.0	20.7

181850 1998 UA_{47} 8 7.9 41°.80 4°.5/10.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 37.45	− 5 15.7	1.407	2.228	19.5	19.9
7 10	21 34.27	− 4 53.9	1.340	2.235	16.0	19.6
7 20	21 28.39	− 4 51.4	1.290	2.243	11.9	19.4
7 30	21 20.44	− 5 8.3	1.261	2.252	7.6	19.2
8 9	21 11.45	− 5 41.7	1.256	2.261	4.6	19.1
8 19	21 2.60	− 6 26.7	1.275	2.270	6.2	19.2
8 29	20 55.15	− 7 16.9	1.318	2.279	10.2	19.4
9 8	20 50.03	− 8 5.8	1.384	2.289	14.2	19.7

71355 2000 AE_{112} 8 7.9 287°.56 0°.7/ 7.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 35.38	−14 7.6	1.846	2.680	15.0	18.8
7 10	21 32.39	−14 51.1	1.749	2.662	11.9	18.6
7 20	21 27.07	−15 48.2	1.672	2.643	8.2	18.3
7 30	21 19.86	−16 55.1	1.620	2.625	3.9	18.0
8 9	21 11.50	−18 6.0	1.593	2.607	1.0	17.7
8 19	21 2.96	−19 14.4	1.594	2.588	5.4	18.0
8 29	20 55.34	−20 14.3	1.621	2.570	9.7	18.2
9 8	20 49.58	−21 1.6	1.671	2.552	13.6	18.4

99157 2001 FR_{131} 8 8.0 36°.92 6°.1/12.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 35.72	− 0 55.1	1.563	2.360	18.9	19.1
7 10	21 32.58	− 0 20.6	1.498	2.373	15.8	18.9
7 20	21 27.06	− 0 6.8	1.450	2.386	12.3	18.7
7 30	21 19.74	− 0 14.7	1.424	2.399	8.7	18.6
8 9	21 11.54	− 0 42.8	1.421	2.414	6.3	18.5
8 19	21 3.51	− 1 27.0	1.442	2.428	6.9	18.5
8 29	20 56.72	− 2 21.4	1.488	2.444	9.8	18.7
9 8	20 51.98	− 3 19.1	1.556	2.459	13.1	19.0

391648 2007 VA_{293} 8 8.0 277°.45 2°.0/ 9.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 35.15	− 7 58.8	1.977	2.786	15.1	21.7
7 10	21 31.82	− 8 16.4	1.890	2.784	12.1	21.5
7 20	21 26.43	− 8 48.7	1.825	2.782	8.7	21.3
7 30	21 19.44	− 9 33.9	1.783	2.780	4.9	21.1
8 9	21 11.59	−10 28.4	1.767	2.778	2.0	20.9
8 19	21 3.72	−11 27.2	1.779	2.776	4.5	21.1
8 29	20 56.77	−12 25.2	1.817	2.774	8.2	21.3
9 8	20 51.51	−13 17.7	1.880	2.772	11.8	21.5

12833 Kamenný Újezd 8 8.0 2°.28 1°.4/ 7.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 31.72	−15 23.1	0.908	1.798	22.2	17.0
7 10	21 31.22	−15 55.0	0.851	1.795	17.5	16.7
7 20	21 27.13	−16 45.7	0.809	1.794	11.9	16.4
7 30	21 20.10	−17 49.1	0.786	1.795	5.7	16.1
8 9	21 11.50	−18 55.1	0.783	1.796	1.8	15.9
8 19	21 3.08	−19 53.1	0.801	1.800	7.9	16.3
8 29	20 56.62	−20 34.9	0.839	1.804	13.8	16.6
9 8	20 53.38	−20 56.6	0.894	1.810	19.0	16.9

253475 2003 SJ_{55} 8 8.0 319°.67 3°.4/ 9.6 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 32.21	− 9 18.2	1.135	1.995	20.8	20.1
7 10	21 31.31	− 8 55.8	1.042	1.965	17.1	19.8
7 20	21 27.23	− 8 51.6	0.964	1.935	12.6	19.4
7 30	21 20.30	− 9 6.5	0.905	1.906	7.4	19.0
8 9	21 11.46	− 9 38.3	0.867	1.878	3.4	18.7
8 19	21 2.13	−10 21.8	0.851	1.852	7.0	18.8
8 29	20 54.07	−11 9.6	0.856	1.826	12.9	19.0
9 8	20 48.82	−11 53.9	0.879	1.802	18.5	19.3

446952 2003 RE_{24} 8 8.0 342°.68 15°.2/23.2 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 29.67	+23 28.4	1.907	2.538	20.9	20.6
7 10	21 27.93	+24 58.9	1.820	2.525	19.7	20.4
7 20	21 24.04	+26 2.2	1.747	2.512	18.4	20.3
7 30	21 18.40	+26 31.7	1.687	2.501	17.0	20.1
8 9	21 11.70	+26 23.0	1.645	2.490	15.9	20.0
8 19	21 4.85	+25 34.4	1.620	2.481	15.3	20.0
8 29	20 58.87	+24 8.8	1.614	2.472	15.3	19.9
9 8	20 54.65	+22 13.5	1.628	2.465	16.1	20.0

394574 2007 VX_{55} 8 8.0 135°.28 1°.6/ 6.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 36.74	−17 25.7	1.992	2.826	14.1	21.5
7 10	21 33.09	−18 8.6	1.913	2.827	11.0	21.3
7 20	21 27.30	−19 0.2	1.856	2.828	7.4	21.0
7 30	21 19.86	−19 56.1	1.824	2.829	3.6	20.8
8 9	21 11.56	−20 50.9	1.819	2.830	1.8	20.7
8 19	21 3.29	−21 39.2	1.841	2.831	5.3	20.9
8 29	20 56.04	−22 17.1	1.890	2.832	9.0	21.1
9 8	20 50.56	−22 42.4	1.962	2.833	12.3	21.4

101392 1998 UW_{34} 8 8.0 246°.89 2°.5/ 9.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 38.96	− 8 2.8	1.848	2.655	16.0	20.5
7 10	21 35.09	− 8 2.4	1.751	2.642	13.1	20.3
7 20	21 28.87	− 8 16.6	1.673	2.629	9.5	20.0
7 30	21 20.73	− 8 44.3	1.619	2.615	5.5	19.8
8 9	21 11.46	− 9 22.6	1.591	2.601	2.6	19.6
8 19	21 2.05	−10 7.4	1.590	2.586	5.0	19.7
8 29	20 53.58	−10 53.6	1.615	2.571	9.2	19.9
9 8	20 47.02	−11 36.4	1.664	2.555	13.1	20.1

511592 2015 AY_{110} 8 8.0 298°.14 0°.7/ 7.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 35.09	−13 4.7	1.320	2.174	18.8	21.4
7 10	21 33.17	−13 50.0	1.228	2.152	15.0	21.1
7 20	21 28.23	−14 55.5	1.154	2.130	10.4	20.8
7 30	21 20.68	−16 17.3	1.102	2.109	5.0	20.5
8 9	21 11.45	−17 47.4	1.074	2.087	1.1	20.1
8 19	21 1.87	−19 15.9	1.070	2.066	6.8	20.4
8 29	20 53.53	−20 33.1	1.089	2.045	12.5	20.7
9 8	20 47.76	−21 32.6	1.128	2.025	17.5	20.9

432737 2011 DG_{25} 8 8.0 279°.76 0°.5/ 8.3 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 38.23	−12 19.1	1.615	2.447	16.9	21.8
7 10	21 35.08	−12 40.7	1.513	2.423	13.6	21.5
7 20	21 29.22	−13 17.5	1.430	2.399	9.5	21.2
7 30	21 21.05	−14 7.1	1.370	2.374	4.8	20.9
8 9	21 11.42	−15 4.4	1.335	2.349	0.6	20.5
8 19	21 1.45	−16 3.0	1.326	2.324	5.7	20.8
8 29	20 52.49	−16 56.3	1.343	2.298	10.7	21.0
9 8	20 45.72	−17 39.3	1.382	2.272	15.3	21.2

216772 2005 WY_{74} 8 8.0 53°.50 0°.9/ 8.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 36.78	−12 25.3	2.062	2.881	14.2	20.6
7 10	21 32.87	−12 27.6	1.989	2.891	11.2	20.4
7 20	21 26.99	−12 39.6	1.936	2.900	7.8	20.2
7 30	21 19.65	−12 59.1	1.909	2.910	4.0	20.0
8 9	21 11.60	−13 22.9	1.908	2.921	0.9	19.8
8 19	21 3.69	−13 47.6	1.934	2.931	4.2	20.0
8 29	20 56.77	−14 10.0	1.987	2.941	7.8	20.3
9 8	20 51.52	−14 27.4	2.065	2.952	11.1	20.5

319291 2006 BM_{89} 8 8.0 216°.81 0°.6/ 7.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 35.79	−16 20.2	2.640	3.458	11.5	22.0
7 10	21 31.79	−16 42.3	2.549	3.453	9.0	21.8
7 20	21 26.13	−17 10.8	2.482	3.449	6.1	21.6
7 30	21 19.23	−17 43.0	2.440	3.445	2.9	21.4
8 9	21 11.66	−18 15.7	2.427	3.440	0.8	21.2
8 19	21 4.09	−18 45.6	2.443	3.435	3.9	21.5
8 29	20 57.25	−19 10.0	2.486	3.430	7.0	21.7
9 8	20 51.73	−19 27.0	2.555	3.425	9.9	21.9

43049 1999 VD_{61} 8 8.0 41°.51 1°.8/ 6.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 38.00	−18 16.8	1.705	2.549	15.6	19.0
7 10	21 34.40	−18 50.2	1.633	2.552	12.2	18.8
7 20	21 28.35	−19 32.2	1.582	2.556	8.3	18.6
7 30	21 20.41	−20 17.8	1.555	2.561	4.0	18.4
8 9	21 11.53	−21 1.1	1.554	2.565	2.1	18.2
8 19	21 2.76	−21 36.9	1.579	2.570	5.9	18.5
8 29	20 55.23	−22 1.3	1.629	2.575	9.9	18.8
9 8	20 49.80	−22 12.7	1.702	2.579	13.6	19.0

482420 2012 BK_{132} 8 8.0 231°.81 5°.2/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 39.16	−32 41.3	2.979	3.805	10.1	22.2
7 10	21 34.56	−33 52.1	2.891	3.790	8.2	22.1
7 20	21 28.13	−35 2.0	2.827	3.775	6.4	21.9
7 30	21 20.25	−36 5.6	2.790	3.760	5.3	21.8
8 9	21 11.54	−36 57.9	2.781	3.744	5.6	21.8
8 19	21 2.74	−37 35.3	2.799	3.728	7.2	21.9
8 29	20 54.65	−37 55.7	2.844	3.711	9.2	22.0
9 8	20 47.98	−37 59.3	2.912	3.693	11.1	22.1

34251 Rohanmehrotra 8 8.0 235°.96 1°.3/ 7.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 39.92	−17 39.8	1.740	2.577	15.6	19.4
7 10	21 35.90	−17 59.4	1.661	2.576	12.3	19.2
7 20	21 29.39	−18 27.2	1.602	2.574	8.4	19.0
7 30	21 20.94	−18 59.2	1.568	2.573	4.0	18.7
8 9	21 11.47	−19 30.3	1.559	2.571	1.5	18.5
8 19	21 2.07	−19 55.6	1.577	2.570	5.6	18.8
8 29	20 53.88	−20 11.8	1.620	2.568	9.8	19.0
9 8	20 47.81	−20 17.0	1.687	2.566	13.6	19.3

415372 2013 LH_2 8 8.0 98°.13 1°.5/ 7.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 41.30	−16 31.4	1.364	2.213	18.5	21.7
7 10	21 37.53	−17 8.7	1.300	2.221	14.5	21.4
7 20	21 30.77	−17 58.5	1.254	2.229	9.8	21.2
7 30	21 21.67	−18 54.9	1.231	2.237	4.7	20.9
8 9	21 11.39	−19 50.3	1.233	2.245	1.9	20.7
8 19	21 1.33	−20 37.4	1.259	2.253	6.6	21.1
8 29	20 52.87	−21 11.1	1.310	2.260	11.4	21.4
9 8	20 47.04	−21 29.4	1.382	2.268	15.6	21.6

70387 1999 RW_{221} 8 8.0 33°.46 0°.1/ 7.9 17

6 30	21 39.04	−15 13.8	1.136	1.999	20.5	19.0
7 10	21 36.11	−15 16.8	1.081	2.009	16.2	18.8
7 20	21 29.93	−15 33.1	1.043	2.020	11.0	18.5
7 30	21 21.27	−15 58.4	1.026	2.032	5.3	18.2
8 9	21 11.45	−16 26.6	1.031	2.045	0.6	17.9
8 19	21 1.99	−16 51.4	1.060	2.058	6.4	18.4
8 29	20 54.40	−17 8.2	1.111	2.072	11.7	18.7
9 8	20 49.67	−17 14.3	1.183	2.087	16.2	19.0

426447 2013 QF_{57} 8 8.0 37°.84 5°.8/ 5.4 17

6 30	21 41.74	−25 26.0	1.064	1.942	20.5	20.0
7 10	21 38.47	−26 12.0	1.024	1.960	16.1	19.8
7 20	21 31.57	−27 0.6	1.001	1.979	11.2	19.6
7 30	21 22.01	−27 42.2	0.999	2.000	6.9	19.4
8 9	21 11.39	−28 7.5	1.018	2.021	6.1	19.4
8 19	21 1.44	−28 11.4	1.061	2.042	9.6	19.7
8 29	20 53.75	−27 53.2	1.124	2.065	13.9	20.0
9 8	20 49.26	−27 16.0	1.207	2.088	17.7	20.3

379175 2009 RT_3 8 8.0 340°.31 8°.0/ 3.4 13 C

6 30	21 31.56	−27 17.8	1.050	1.945	19.5	20.3
7 10	21 31.21	−28 32.5	0.982	1.927	15.6	20.0
7 20	21 27.28	−29 53.2	0.931	1.911	11.5	19.8
7 30	21 20.30	−31 8.7	0.900	1.896	8.4	19.5
8 9	21 11.54	−32 6.2	0.889	1.884	8.7	19.5
8 19	21 2.75	−32 35.7	0.898	1.872	12.2	19.7
8 29	20 55.83	−32 32.7	0.927	1.863	16.6	19.9
9 8	20 52.16	−31 59.1	0.973	1.855	20.8	20.1

284923 2010 CT_{82} 8 8.0 76°.25 1°.9/ 9.4 16

6 30	21 36.47	− 8 32.4	1.832	2.646	15.9	21.5
7 10	21 32.91	− 8 49.6	1.759	2.656	12.7	21.3
7 20	21 27.18	− 9 21.8	1.706	2.665	9.0	21.1
7 30	21 19.82	−10 6.6	1.677	2.675	5.0	20.9
8 9	21 11.62	−10 59.8	1.673	2.685	1.9	20.7
8 19	21 3.53	−11 56.3	1.697	2.694	4.6	20.9
8 29	20 56.52	−12 50.7	1.747	2.704	8.5	21.2
9 8	20 51.34	−13 38.7	1.821	2.713	12.1	21.4

80682 2000 BN_{30} 8 8.0 163°.57 1°.1/ 7.3 17

6 30	21 42.03	−16 52.5	1.956	2.780	14.7	21.3
7 10	21 37.22	−17 20.3	1.878	2.785	11.5	21.1
7 20	21 30.11	−17 56.4	1.821	2.790	7.8	20.9
7 30	21 21.24	−18 36.7	1.790	2.794	3.7	20.6
8 9	21 11.47	−19 16.3	1.785	2.798	1.3	20.5
8 19	21 1.79	−19 50.4	1.809	2.801	5.1	20.8
8 29	20 53.24	−20 15.7	1.859	2.803	9.0	21.0
9 8	20 46.63	−20 30.3	1.934	2.805	12.5	21.2

470599 2008 OG_{19} 8 8.0 4°.31 0°.2/ 9.9 18

6 30	21 15.27	− 9 30.6	38.052	38.833	1.0	20.7
7 10	21 14.64	− 9 33.2	37.958	38.835	0.8	20.7
7 20	21 13.93	− 9 36.4	37.889	38.837	0.5	20.6
7 30	21 13.17	− 9 40.1	37.847	38.839	0.3	20.6
8 9	21 12.38	− 9 44.3	37.833	38.841	0.2	20.6
8 19	21 11.59	− 9 48.7	37.848	38.843	0.3	20.6
8 29	21 10.84	− 9 53.2	37.893	38.845	0.5	20.6
9 8	21 10.14	− 9 57.7	37.964	38.847	0.7	20.7

259668 2003 WM_{147} 8 8.0 272°.53 2°.2/ 6.6 18

6 30	21 38.18	−17 5.3	1.540	2.387	16.9	20.7
7 10	21 35.13	−17 57.8	1.451	2.372	13.3	20.5
7 20	21 29.28	−19 4.0	1.383	2.358	9.1	20.2
7 30	21 21.08	−20 18.4	1.337	2.343	4.5	19.9
8 9	21 11.48	−21 32.9	1.317	2.328	2.5	19.7
8 19	21 1.70	−22 39.4	1.323	2.313	6.9	19.9
8 29	20 53.11	−23 31.3	1.353	2.298	11.6	20.2
9 8	20 46.88	−24 5.3	1.405	2.283	15.9	20.4

512648 2016 TG_{60} 8 8.0 343°.11 2°.3/ 9.5 18

6 30	21 34.83	− 9 0.0	1.617	2.445	17.1	21.1
7 10	21 32.07	− 9 0.2	1.535	2.440	13.8	20.9
7 20	21 26.88	− 9 15.9	1.472	2.435	9.9	20.6
7 30	21 19.79	− 9 45.7	1.432	2.431	5.6	20.4
8 9	21 11.64	−10 25.9	1.416	2.427	2.3	20.1
8 19	21 3.48	−11 11.6	1.425	2.424	5.1	20.3
8 29	20 56.45	−11 57.3	1.460	2.421	9.5	20.6
9 8	20 51.45	−12 37.9	1.517	2.419	13.5	20.8

311134 2004 RZ_{86} 8 8.0 350°.08 4°.0/10.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 35.00	− 4 46.8	2.021	2.817	15.2	20.3
7 10	21 31.64	− 4 22.2	1.935	2.814	12.6	20.1
7 20	21 26.29	− 4 11.4	1.868	2.812	9.5	19.9
7 30	21 19.40	− 4 14.7	1.825	2.809	6.3	19.7
8 9	21 11.70	− 4 30.6	1.807	2.808	4.1	19.6
8 19	21 3.99	− 4 56.5	1.815	2.806	5.2	19.7
8 29	20 57.18	− 5 28.6	1.850	2.805	8.2	19.8
9 8	20 52.00	− 6 2.7	1.908	2.804	11.4	20.0

480309 2015 HT_{173} 8 8.0 14°.10 7°.4/14.0 16

6 30	21 28.91	+ 3 47.7	1.307	2.111	21.6	20.1
7 10	21 27.79	+ 3 51.2	1.242	2.116	18.4	19.8
7 20	21 24.13	+ 3 23.7	1.192	2.123	14.7	19.6
7 30	21 18.48	+ 2 23.5	1.161	2.132	10.8	19.4
8 9	21 11.80	+ 0 54.0	1.151	2.141	7.9	19.3
8 19	21 5.21	− 0 57.2	1.164	2.152	7.8	19.3
8 29	20 59.91	− 2 59.1	1.200	2.164	10.7	19.5
9 8	20 56.81	− 4 59.7	1.259	2.178	14.3	19.8

441664 2008 WW_{134} 8 8.0 269°.17 5°.7/ 2.9 18

6 30	21 38.34	−26 40.9	1.929	2.776	13.9	20.5
7 10	21 34.89	−28 12.8	1.842	2.760	11.1	20.3
7 20	21 28.91	−29 50.5	1.777	2.744	8.1	20.1
7 30	21 20.85	−31 25.9	1.737	2.727	6.0	19.9
8 9	21 11.52	−32 50.3	1.724	2.710	6.3	19.9
8 19	21 2.00	−33 56.5	1.737	2.693	8.9	20.1
8 29	20 53.50	−34 39.8	1.775	2.675	12.1	20.2
9 8	20 47.05	−34 59.8	1.835	2.658	15.1	20.4

345001 2005 BE_7 8 8.0 291°.00 5°.1/ 3.8 18

6 30	21 36.63	−23 43.0	1.744	2.597	14.9	20.4
7 10	21 33.76	−25 10.7	1.654	2.578	11.8	20.2
7 20	21 28.27	−26 47.7	1.587	2.559	8.4	19.9
7 30	21 20.59	−28 26.0	1.543	2.540	5.5	19.7
8 9	21 11.55	−29 56.3	1.526	2.521	5.6	19.7
8 19	21 2.29	−31 10.2	1.534	2.502	8.7	19.8
8 29	20 54.08	−32 2.0	1.567	2.483	12.4	20.0
9 8	20 48.04	−32 30.1	1.621	2.464	15.9	20.2

274745 2008 UB_{249} 8 8.0 58°.54 1°.8/ 9.3 17

6 30	21 37.13	− 9 22.5	1.619	2.443	17.2	20.8
7 10	21 33.71	− 9 34.8	1.550	2.453	13.7	20.6
7 20	21 27.87	−10 2.8	1.500	2.463	9.7	20.4
7 30	21 20.20	−10 43.9	1.474	2.474	5.3	20.1
8 9	21 11.62	−11 33.6	1.472	2.484	1.8	19.9
8 19	21 3.19	−12 26.2	1.497	2.495	5.0	20.2
8 29	20 55.98	−13 16.1	1.547	2.505	9.2	20.5
9 8	20 50.85	−13 58.9	1.620	2.516	13.1	20.7

88290 2001 MH_{28} 8 8.0 32°.37 1°.9/ 9.0 18

6 30	21 35.96	− 9 56.2	1.001	1.865	22.6	18.7
7 10	21 34.04	−10 5.1	0.948	1.875	18.0	18.5
7 20	21 28.73	−10 36.3	0.911	1.886	12.7	18.2
7 30	21 20.79	−11 26.4	0.894	1.897	6.7	18.0
8 9	21 11.56	−12 28.0	0.897	1.910	1.9	17.7
8 19	21 2.66	−13 32.0	0.923	1.923	6.5	18.0
8 29	20 55.65	−14 29.6	0.970	1.937	12.1	18.4
9 8	20 51.64	−15 14.7	1.036	1.952	17.0	18.7

321664 2010 CX_{74} 8 8.0 85°.68 0°.3/ 8.3 18

6 30	21 37.70	−12 32.6	1.816	2.641	15.6	21.0
7 10	21 33.91	−12 59.5	1.745	2.652	12.3	20.8
7 20	21 27.89	−13 38.8	1.695	2.662	8.4	20.6
7 30	21 20.18	−14 26.8	1.669	2.673	4.1	20.3
8 9	21 11.63	−15 18.7	1.670	2.683	0.5	20.1
8 19	21 3.22	−16 9.1	1.697	2.694	4.7	20.4
8 29	20 55.93	−16 53.3	1.751	2.704	8.8	20.7
9 8	20 50.55	−17 28.1	1.828	2.714	12.4	20.9

155862 2001 CP_{33} 8 8.0 253°.18 8°.0/30.7 18

6 30	21 41.21	−39 46.1	2.484	3.309	11.9	19.9
7 10	21 36.73	−41 7.6	2.411	3.298	10.1	19.8
7 20	21 29.91	−42 23.5	2.362	3.287	8.6	19.6
7 30	21 21.23	−43 26.8	2.337	3.276	8.0	19.6
8 9	21 11.52	−44 11.1	2.337	3.265	8.5	19.6
8 19	21 1.81	−44 32.7	2.363	3.254	9.9	19.7
8 29	20 53.16	−44 30.6	2.412	3.243	11.8	19.8
9 8	20 46.47	−44 6.7	2.481	3.231	13.6	19.9

24017 1999 RN_{126} 8 8.0 288°.78 3°.1/10.1 18

6 30	21 36.61	− 6 49.5	1.831	2.639	16.1	19.4
7 10	21 33.43	− 6 44.2	1.723	2.613	13.3	19.1
7 20	21 27.89	− 6 54.2	1.633	2.587	9.8	18.9
7 30	21 20.37	− 7 19.4	1.567	2.560	6.0	18.6
8 9	21 11.61	− 7 57.7	1.526	2.534	3.2	18.4
8 19	21 2.55	− 8 45.1	1.511	2.507	5.3	18.4
8 29	20 54.32	− 9 36.4	1.522	2.480	9.4	18.6
9 8	20 47.93	−10 26.2	1.557	2.453	13.5	18.8

390913 2005 EN_{168} 8 8.0 149°.24 2°.7/ 6.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 41.59	−22 48.1	2.239	3.067	12.9	21.7
7 10	21 36.59	−23 16.7	2.164	3.074	10.1	21.6
7 20	21 29.53	−23 48.3	2.112	3.080	6.9	21.4
7 30	21 20.93	−24 18.4	2.085	3.086	3.8	21.2
8 9	21 11.57	−24 42.6	2.086	3.092	2.9	21.1
8 19	21 2.36	−24 57.4	2.116	3.097	5.5	21.3
8 29	20 54.20	−25 0.9	2.172	3.102	8.7	21.5
9 8	20 47.80	−24 52.9	2.253	3.106	11.6	21.7

36792 2000 SC_{23} 8 8.0 178°.79 7°.4/14.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 36.01	+ 5 50.5	1.976	2.717	17.3	18.5
7 10	21 32.51	+ 6 13.1	1.889	2.718	14.9	18.3
7 20	21 26.95	+ 6 14.1	1.820	2.718	12.3	18.1
7 30	21 19.77	+ 5 51.4	1.772	2.719	9.6	17.9
8 9	21 11.69	+ 5 5.5	1.748	2.719	7.7	17.8
8 19	21 3.59	+ 3 59.4	1.749	2.718	7.6	17.8
8 29	20 56.40	+ 2 38.9	1.776	2.718	9.5	17.9
9 8	20 50.89	+ 1 11.2	1.827	2.717	12.2	18.1

438533 2007 TO_{85} 8 8.0 341°.58 8°.2/ 4.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 36.70	−31 36.4	1.230	2.108	18.3	19.3
7 10	21 34.90	−32 17.8	1.156	2.089	14.9	19.0
7 20	21 29.58	−32 56.7	1.100	2.071	11.4	18.8
7 30	21 21.35	−33 23.3	1.064	2.054	8.7	18.6
8 9	21 11.52	−33 28.3	1.050	2.039	8.7	18.5
8 19	21 1.77	−33 5.7	1.058	2.026	11.5	18.7
8 29	20 53.86	−32 14.8	1.086	2.015	15.4	18.8
9 8	20 49.06	−30 59.8	1.133	2.005	19.2	19.1

77005 2001 CH_{5} 8 8.0 178°.10 2°.7/ 6.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 42.87	−20 26.0	1.792	2.627	15.3	20.1
7 10	21 38.21	−21 6.1	1.715	2.629	12.0	19.9
7 20	21 30.99	−21 53.1	1.659	2.630	8.2	19.7
7 30	21 21.77	−22 41.5	1.628	2.631	4.3	19.4
8 9	21 11.50	−23 24.9	1.623	2.631	2.9	19.4
8 19	21 1.31	−23 58.0	1.645	2.631	6.4	19.6
8 29	20 52.37	−24 17.4	1.693	2.630	10.3	19.8
9 8	20 45.62	−24 22.2	1.765	2.628	13.8	20.0

375824 2009 UA_{69} 8 8.0 285°.74 4°.3/ 5.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 41.80	−24 11.2	1.561	2.413	16.5	20.5
7 10	21 38.00	−24 46.4	1.477	2.399	13.0	20.2
7 20	21 31.23	−25 26.3	1.413	2.386	9.1	20.0
7 30	21 22.03	−26 4.1	1.371	2.372	5.4	19.7
8 9	21 11.46	−26 32.7	1.355	2.359	4.6	19.6
8 19	21 0.85	−26 46.2	1.364	2.345	7.9	19.8
8 29	20 51.63	−26 41.7	1.397	2.332	12.2	20.0
9 8	20 44.95	−26 19.6	1.452	2.319	16.1	20.2

142973 2002 VK_{83} 8 8.0 284°.10 3°.7/ 5.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 38.15	−20 45.0	1.564	2.417	16.3	19.9
7 10	21 35.15	−21 45.8	1.477	2.401	12.9	19.6
7 20	21 29.32	−22 57.3	1.409	2.385	8.9	19.3
7 30	21 21.14	−24 12.6	1.366	2.369	4.9	19.1
8 9	21 11.55	−25 23.1	1.347	2.353	4.1	19.0
8 19	21 1.77	−26 20.8	1.354	2.336	7.8	19.2
8 29	20 53.22	−27 0.1	1.384	2.320	12.2	19.4
9 8	20 47.03	−27 19.0	1.436	2.304	16.2	19.6

20787 Mitchfourman 8 8.0 227°.61 3°.0/10.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 39.89	− 6 41.8	1.752	2.556	16.9	19.0
7 10	21 35.96	− 6 42.1	1.659	2.547	13.8	18.7
7 20	21 29.55	− 6 58.8	1.585	2.538	10.1	18.5
7 30	21 21.14	− 7 31.1	1.534	2.528	6.1	18.2
8 9	21 11.56	− 8 16.1	1.509	2.517	3.1	18.0
8 19	21 1.86	− 9 9.1	1.510	2.506	5.3	18.1
8 29	20 53.18	−10 4.2	1.538	2.494	9.5	18.3
9 8	20 46.51	−10 56.1	1.589	2.482	13.5	18.6

109269 2001 QR_{111} 8 8.0 336°.54 0°.2/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 38.60	−16 35.3	1.338	2.193	18.5	18.8
7 10	21 35.67	−16 24.5	1.260	2.184	14.7	18.5
7 20	21 29.71	−16 22.9	1.200	2.175	10.1	18.2
7 30	21 21.30	−16 27.5	1.161	2.167	4.9	17.9
8 9	21 11.55	−16 33.9	1.146	2.159	0.6	17.6
8 19	21 1.83	−16 37.8	1.155	2.153	6.1	18.0
8 29	20 53.59	−16 35.6	1.188	2.147	11.3	18.2
9 8	20 47.96	−16 25.4	1.241	2.142	15.9	18.5

390494 2014 AG_{40} 8 8.0 247°.63 7°.6/ 2.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 44.54	−34 24.7	1.966	2.803	14.1	20.8
7 10	21 39.80	−35 34.5	1.886	2.790	11.6	20.6
7 20	21 32.25	−36 41.7	1.828	2.778	9.2	20.4
7 30	21 22.46	−37 37.8	1.795	2.764	7.7	20.3
8 9	21 11.43	−38 15.2	1.786	2.751	8.1	20.3
8 19	21 0.39	−38 28.8	1.804	2.737	10.1	20.4
8 29	20 50.68	−38 17.2	1.845	2.723	12.8	20.6
9 8	20 43.34	−37 42.9	1.907	2.708	15.4	20.7

250977 2006 HT_{111} 8 8.0 41°.12 2°.6/ 7.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 44.22	−21 9.9	1.189	2.051	19.9	19.7
7 10	21 40.20	−21 12.8	1.132	2.060	15.6	19.5
7 20	21 32.74	−21 21.6	1.092	2.069	10.6	19.2
7 30	21 22.69	−21 30.5	1.073	2.079	5.3	19.0
8 9	21 11.44	−21 33.1	1.078	2.089	2.8	18.9
8 19	21 0.63	−21 25.3	1.107	2.100	7.3	19.2
8 29	20 51.83	−21 5.2	1.158	2.111	12.3	19.5
9 8	20 46.08	−20 33.6	1.231	2.122	16.7	19.8

241453 2008 YO_{111} 8 8.0 107°.26 2°.6/ 6.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 39.12	−20 27.8	1.966	2.803	14.1	20.7
7 10	21 34.95	−21 16.5	1.898	2.814	11.0	20.5
7 20	21 28.57	−22 11.4	1.852	2.824	7.4	20.3
7 30	21 20.53	−23 7.2	1.831	2.834	3.9	20.1
8 9	21 11.67	−23 58.0	1.836	2.843	2.9	20.1
8 19	21 2.94	−24 38.7	1.869	2.853	5.9	20.3
8 29	20 55.34	−25 6.3	1.929	2.862	9.4	20.5
9 8	20 49.63	−25 19.7	2.011	2.872	12.5	20.8

348009 2003 SB_{276} 8 8.0 319°.90 3°.7/10.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 35.83	− 6 3.5	1.727	2.538	16.9	20.7
7 10	21 32.73	− 5 49.8	1.640	2.531	13.8	20.5
7 20	21 27.30	− 5 52.0	1.572	2.524	10.2	20.2
7 30	21 20.02	− 6 9.9	1.526	2.517	6.4	20.0
8 9	21 11.71	− 6 41.3	1.505	2.511	3.7	19.8
8 19	21 3.36	− 7 22.3	1.510	2.505	5.4	19.9
8 29	20 56.03	− 8 7.8	1.541	2.500	9.2	20.1
9 8	20 50.62	− 8 52.3	1.594	2.495	13.0	20.4

128848 2004 SY_{11} 8 8.0 15°.23 8°.8/ 1.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 36.38	−30 7.7	1.353	2.226	17.3	19.0
7 10	21 34.21	−32 8.2	1.299	2.229	13.9	18.8
7 20	21 28.85	−34 10.4	1.266	2.233	10.7	18.6
7 30	21 20.91	−36 1.8	1.256	2.237	8.9	18.5
8 9	21 11.62	−37 30.1	1.269	2.242	9.6	18.6
8 19	21 2.47	−38 27.3	1.304	2.248	12.2	18.8
8 29	20 55.02	−38 50.7	1.361	2.255	15.4	19.0
9 8	20 50.39	−38 43.1	1.435	2.262	18.4	19.2

256423 2007 BW_{36} 8 8.0 31°.75 1°.5/ 6.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 35.37	−17 26.1	2.079	2.913	13.5	20.2
7 10	21 31.94	−18 6.6	2.002	2.916	10.6	20.0
7 20	21 26.50	−18 55.3	1.947	2.919	7.1	19.8
7 30	21 19.54	−19 47.9	1.917	2.922	3.4	19.6
8 9	21 11.79	−20 39.3	1.914	2.926	1.7	19.5
8 19	21 4.09	−21 24.9	1.939	2.929	5.0	19.7
8 29	20 57.34	−22 0.8	1.990	2.933	8.6	19.9
9 8	20 52.27	−22 25.0	2.065	2.937	11.8	20.1

418027 2007 UL_{98} 8 8.0 176°.41 5°.9/ 4.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 43.92	−27 3.1	1.604	2.453	16.2	21.1
7 10	21 39.52	−28 11.0	1.535	2.454	12.9	20.9
7 20	21 32.15	−29 21.9	1.487	2.455	9.3	20.7
7 30	21 22.43	−30 27.1	1.463	2.456	6.4	20.6
8 9	21 11.48	−31 17.9	1.464	2.456	6.3	20.6
8 19	21 0.65	−31 48.0	1.490	2.456	9.1	20.7
8 29	20 51.36	−31 55.0	1.541	2.455	12.7	20.9
9 8	20 44.66	−31 40.3	1.613	2.455	16.0	21.2

87440 2000 QA_{110} 8 8.0 9°.93 0°.2/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 38.97	−17 4.5	1.255	2.115	19.2	18.3
7 10	21 35.93	−16 47.4	1.190	2.117	15.1	18.0
7 20	21 29.81	−16 39.0	1.143	2.120	10.4	17.8
7 30	21 21.30	−16 36.3	1.117	2.123	5.0	17.5
8 9	21 11.61	−16 34.9	1.115	2.128	0.6	17.2
8 19	21 2.17	−16 31.0	1.136	2.134	6.1	17.6
8 29	20 54.41	−16 21.7	1.180	2.141	11.2	17.9
9 8	20 49.35	−16 5.4	1.246	2.149	15.7	18.2

43605 Gakuho 8 8.0 198°.93 6°.0/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 41.73	−29 25.4	2.053	2.893	13.5	19.2
7 10	21 37.29	−30 46.2	1.979	2.890	10.8	19.1
7 20	21 30.38	−32 8.4	1.927	2.887	8.1	18.9
7 30	21 21.51	−33 24.1	1.900	2.883	6.2	18.8
8 9	21 11.58	−34 26.0	1.900	2.879	6.4	18.8
8 19	21 1.65	−35 8.4	1.927	2.875	8.6	18.9
8 29	20 52.85	−35 29.0	1.979	2.870	11.4	19.1
9 8	20 46.11	−35 28.4	2.052	2.865	14.1	19.2

479296 2013 GF_{136} 8 8.0 170°.52 4°.1/ 4.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 38.63	−28 16.3	2.721	3.550	10.8	22.1
7 10	21 34.08	−29 7.6	2.645	3.553	8.6	22.0
7 20	21 27.75	−29 59.0	2.594	3.555	6.2	21.8
7 30	21 20.09	−30 45.8	2.569	3.557	4.4	21.7
8 9	21 11.74	−31 23.5	2.572	3.559	4.4	21.7
8 19	21 3.46	−31 48.8	2.603	3.560	6.2	21.8
8 29	20 56.01	−32 0.1	2.660	3.561	8.5	22.0
9 8	20 50.04	−31 57.3	2.742	3.562	10.8	22.1

35515 1998 FK_{57} 8 8.0 110°.24 1°.4/ 7.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 41.49	−18 4.3	1.925	2.754	14.7	19.7
7 10	21 36.74	−18 30.1	1.857	2.768	11.5	19.6
7 20	21 29.75	−19 2.8	1.812	2.782	7.7	19.4
7 30	21 21.09	−19 38.3	1.791	2.795	3.7	19.1
8 9	21 11.64	−20 11.6	1.797	2.809	1.6	19.0
8 19	21 2.40	−20 38.4	1.831	2.822	5.2	19.3
8 29	20 54.36	−20 56.0	1.891	2.834	8.9	19.5
9 8	20 48.27	−21 3.0	1.975	2.846	12.3	19.8

243155 2007 TR_{63} 8 8.1 11°.29 0°.7/ 7.6 18

6 30	21 36.73	−15 31.5	1.789	2.626	15.3	20.8
7 10	21 33.34	−15 57.9	1.712	2.627	12.0	20.6
7 20	21 27.65	−16 34.5	1.656	2.628	8.2	20.4
7 30	21 20.17	−17 17.6	1.623	2.629	3.9	20.1
8 9	21 11.77	−18 1.9	1.617	2.630	0.9	19.9
8 19	21 3.43	−18 42.5	1.637	2.631	5.1	20.2
8 29	20 56.19	−19 14.9	1.682	2.633	9.3	20.4
9 8	20 50.90	−19 36.7	1.751	2.635	12.9	20.7

444300 2005 VC_{34} 8 8.1 311°.88 4°.7/11.8 18

6 30	21 34.41	− 1 24.9	2.208	2.983	14.7	21.0
7 10	21 31.06	− 1 7.7	2.116	2.978	12.3	20.8
7 20	21 25.87	− 1 5.8	2.044	2.974	9.5	20.6
7 30	21 19.26	− 1 19.7	1.996	2.970	6.7	20.5
8 9	21 11.87	− 1 48.2	1.972	2.966	4.8	20.3
8 19	21 4.45	− 2 28.5	1.976	2.962	5.4	20.4
8 29	20 57.81	− 3 16.6	2.006	2.958	7.9	20.5
9 8	20 52.64	− 4 7.6	2.061	2.955	10.8	20.7

248530 2005 WQ_{147} 8 8.1 247°.33 5°.8/13.4 18

6 30	21 34.26	+ 3 51.2	2.558	3.293	13.9	20.7
7 10	21 30.72	+ 4 11.2	2.456	3.283	11.9	20.6
7 20	21 25.54	+ 4 15.2	2.373	3.273	9.7	20.4
7 30	21 19.08	+ 4 2.0	2.314	3.263	7.5	20.2
8 9	21 11.89	+ 3 32.2	2.279	3.253	5.9	20.1
8 19	21 4.62	+ 2 47.5	2.272	3.243	6.1	20.1
8 29	20 57.98	+ 1 51.7	2.292	3.232	7.8	20.2
9 8	20 52.61	+ 0 49.5	2.337	3.221	10.1	20.3

442159 2010 VD_{203} 8 8.1 296°.81 3°.1/ 5.9 18

6 30	21 39.32	−24 10.9	2.179	3.015	13.0	20.8
7 10	21 35.07	−24 33.7	2.092	3.006	10.2	20.6
7 20	21 28.67	−24 58.7	2.028	2.998	7.1	20.4
7 30	21 20.64	−25 21.6	1.989	2.989	4.1	20.2
8 9	21 11.73	−25 37.8	1.977	2.981	3.3	20.2
8 19	21 2.87	−25 43.9	1.992	2.972	5.9	20.3
8 29	20 55.00	−25 38.0	2.034	2.964	9.2	20.5
9 8	20 48.91	−25 20.1	2.099	2.956	12.2	20.7

364228 2006 SQ_{61} 8 8.1 2°.25 6°.6/11.3 17

6 30	21 34.88	− 3 56.8	1.157	1.994	21.9	19.7
7 10	21 32.94	− 3 2.0	1.090	1.992	18.3	19.4
7 20	21 27.95	− 2 28.4	1.038	1.991	14.1	19.2
7 30	21 20.51	− 2 18.7	1.005	1.991	9.7	18.9
8 9	21 11.74	− 2 32.3	0.993	1.993	6.8	18.8
8 19	21 3.02	− 3 5.5	1.002	1.995	8.0	18.9
8 29	20 55.85	− 3 51.3	1.034	1.999	11.9	19.1
9 8	20 51.35	− 4 41.4	1.086	2.004	16.2	19.4

279740 1998 BO_{6} 8 8.1 151°.11 0°.4/ 7.8 17

6 30	21 39.56	−15 7.1	1.843	2.671	15.3	21.7
7 10	21 35.47	−15 27.8	1.765	2.674	12.0	21.5
7 20	21 29.05	−15 58.5	1.708	2.677	8.2	21.3
7 30	21 20.85	−16 35.5	1.675	2.679	3.9	21.0
8 9	21 11.71	−17 14.1	1.668	2.682	0.7	20.8
8 19	21 2.66	−17 49.6	1.689	2.684	5.0	21.1
8 29	20 54.73	−18 17.9	1.736	2.686	9.1	21.4
9 8	20 48.76	−18 36.8	1.806	2.688	12.7	21.6

349770 2009 BW_{7} 8 8.1 279°.37 2°.5/10.0 18

6 30	21 36.09	− 5 54.8	2.027	2.825	15.1	21.5
7 10	21 32.85	− 6 18.8	1.912	2.797	12.4	21.3
7 20	21 27.43	− 7 0.4	1.817	2.768	9.1	21.0
7 30	21 20.19	− 7 58.8	1.745	2.739	5.4	20.7
8 9	21 11.77	− 9 10.7	1.700	2.710	2.5	20.5
8 19	21 3.04	−10 31.0	1.683	2.680	4.7	20.6
8 29	20 55.01	−11 53.3	1.693	2.649	8.8	20.8
9 8	20 48.60	−13 11.3	1.728	2.619	12.7	20.9

476577 2008 RQ_{44} 8 8.1 217°.38 4°.5/ 4.7 18

6 30	21 44.38	−28 11.7	2.285	3.113	12.7	22.3
7 10	21 39.02	−28 51.8	2.198	3.105	10.1	22.1
7 20	21 31.38	−29 32.0	2.134	3.096	7.3	21.9
7 30	21 21.97	−30 6.9	2.095	3.086	5.0	21.8
8 9	21 11.61	−30 30.9	2.084	3.076	4.8	21.7
8 19	21 1.27	−30 40.4	2.101	3.065	7.0	21.9
8 29	20 51.99	−30 33.8	2.145	3.053	9.9	22.0
9 8	20 44.59	−30 11.9	2.212	3.041	12.7	22.2

288085 2003 VN_{11} 8 8.1 219°.74 4°.3/11.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 37.28	− 1 15.1	2.482	3.241	13.7	21.4
7 10	21 33.12	− 1 2.1	2.380	3.233	11.5	21.2
7 20	21 27.20	− 1 3.2	2.298	3.223	8.9	21.0
7 30	21 19.91	− 1 18.6	2.241	3.213	6.2	20.9
8 9	21 11.83	− 1 47.3	2.210	3.203	4.4	20.7
8 19	21 3.66	− 2 26.8	2.207	3.192	5.1	20.8
8 29	20 56.18	− 3 13.6	2.232	3.180	7.5	20.9
9 8	20 50.05	− 4 3.3	2.283	3.168	10.3	21.1

420385 2012 CM_{1} 8 8.1 0°.58 0°.7/ 8.3 17

6 30	21 39.88	−15 29.0	1.149	2.011	20.5	20.3
7 10	21 37.00	−15 4.9	1.082	2.009	16.3	20.1
7 20	21 30.78	−14 51.4	1.032	2.007	11.3	19.8
7 30	21 21.89	−14 46.3	1.002	2.007	5.7	19.5
8 9	21 11.62	−14 45.4	0.994	2.008	0.8	19.1
8 19	21 1.52	−14 44.6	1.010	2.009	6.4	19.5
8 29	20 53.20	−14 40.1	1.048	2.012	12.0	19.8
9 8	20 47.83	−14 29.8	1.106	2.015	16.8	20.1

107315 2001 CJ_{11} 8 8.1 225°.34 1°.3/ 7.2 18

6 30	21 41.74	−16 36.8	1.880	2.706	15.1	21.4
7 10	21 37.36	−17 12.2	1.787	2.696	11.9	21.1
7 20	21 30.51	−17 57.7	1.715	2.685	8.1	20.9
7 30	21 21.66	−18 49.2	1.668	2.673	3.9	20.6
8 9	21 11.64	−19 40.9	1.648	2.660	1.5	20.4
8 19	21 1.50	−20 27.2	1.655	2.647	5.6	20.7
8 29	20 52.40	−21 3.5	1.690	2.633	9.8	20.9
9 8	20 45.31	−21 27.3	1.747	2.618	13.6	21.1

211261 2002 RV_{26} 8 8.1 189°.81 14°.8/ 3.8 17

6 30	22 7.40	−44 48.7	1.139	1.972	22.4	19.8
7 10	22 0.19	−45 53.5	1.085	1.972	19.6	19.6
7 20	21 47.33	−46 41.0	1.046	1.972	16.8	19.5
7 30	21 30.00	−46 53.3	1.027	1.971	15.1	19.4
8 9	21 10.81	−46 16.9	1.028	1.970	15.1	19.4
8 19	20 52.86	−44 49.1	1.050	1.969	17.0	19.5
8 29	20 38.83	−42 38.5	1.092	1.967	19.8	19.7
9 8	20 30.01	−40 0.2	1.152	1.965	22.8	19.9

155687 2000 KB_{38} 8 8.1 283°.45 3°.6/ 5.5 18

6 30	21 37.94	−20 38.0	1.619	2.470	16.0	20.2
7 10	21 34.89	−21 39.1	1.533	2.456	12.6	19.9
7 20	21 29.10	−22 50.5	1.467	2.442	8.7	19.7
7 30	21 21.07	−24 5.5	1.424	2.427	4.8	19.4
8 9	21 11.70	−25 15.9	1.407	2.413	4.0	19.3
8 19	21 2.18	−26 13.9	1.416	2.399	7.5	19.5
8 29	20 53.84	−26 54.2	1.449	2.384	11.8	19.7
9 8	20 47.78	−27 14.7	1.504	2.370	15.7	19.9

113828 2002 TC_{226} 8 8.1 320°.93 4°.7/11.2 18

6 30	21 31.90	− 3 18.8	1.616	2.428	17.8	18.9
7 10	21 29.98	− 3 10.2	1.517	2.405	14.8	18.6
7 20	21 25.69	− 3 21.6	1.435	2.383	11.3	18.4
7 30	21 19.40	− 3 54.0	1.374	2.361	7.6	18.1
8 9	21 11.88	− 4 45.7	1.337	2.340	4.8	17.9
8 19	21 4.12	− 5 52.2	1.325	2.320	6.1	17.9
8 29	20 57.29	− 7 6.7	1.337	2.300	9.9	18.1
9 8	20 52.42	− 8 21.6	1.372	2.281	14.1	18.3

442466 2011 UW_{285} 8 8.1 8°.74 0°.6/ 7.6 18

6 30	21 35.98	−15 10.3	1.893	2.726	14.7	21.5
7 10	21 32.64	−15 40.5	1.814	2.727	11.6	21.3
7 20	21 27.13	−16 21.1	1.756	2.727	7.9	21.1
7 30	21 19.93	−17 8.2	1.723	2.728	3.8	20.8
8 9	21 11.84	−17 56.9	1.716	2.729	0.9	20.6
8 19	21 3.81	−18 42.0	1.735	2.730	4.9	20.9
8 29	20 56.79	−19 19.3	1.781	2.731	8.9	21.1
9 8	20 51.60	−19 46.1	1.851	2.733	12.4	21.4

30991 Minerve 8 8.1 185°.58 0°.6/ 8.6 18

6 30	21 36.63	−12 21.4	2.320	3.132	13.0	19.4
7 10	21 32.69	−12 37.2	2.234	3.132	10.3	19.2
7 20	21 26.92	−13 2.6	2.169	3.132	7.1	19.0
7 30	21 19.77	−13 35.3	2.129	3.131	3.6	18.8
8 9	21 11.87	−14 11.9	2.117	3.131	0.6	18.5
8 19	21 4.00	−14 48.8	2.133	3.130	3.9	18.8
8 29	20 56.94	−15 22.5	2.177	3.129	7.4	19.0
9 8	20 51.37	−15 50.3	2.246	3.128	10.6	19.2

268287 2005 QW_{44} 8 8.1 317°.76 2°.6/ 6.7 18

6 30	21 35.85	−19 18.2	1.294	2.161	18.3	20.0
7 10	21 33.96	−19 44.0	1.204	2.136	14.5	19.7
7 20	21 28.92	−20 20.9	1.131	2.111	10.0	19.3
7 30	21 21.17	−21 3.5	1.080	2.087	5.1	19.0
8 9	21 11.71	−21 44.4	1.052	2.063	2.9	18.8
8 19	21 1.95	−22 16.0	1.047	2.040	7.6	19.0
8 29	20 53.56	−22 32.7	1.064	2.018	13.0	19.2
9 8	20 47.88	−22 32.0	1.101	1.997	17.9	19.4

50065 2000 AF_{74} 8 8.1 184°.76 0°.3/ 8.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 40.03	−12 7.6	1.961	2.776	15.0	19.6
7 10	21 35.76	−12 40.9	1.876	2.776	11.9	19.4
7 20	21 29.24	−13 26.8	1.812	2.776	8.2	19.2
7 30	21 20.98	−14 22.2	1.772	2.775	4.1	18.9
8 9	21 11.76	−15 22.0	1.760	2.774	0.4	18.6
8 19	21 2.52	−16 20.8	1.776	2.772	4.7	19.0
8 29	20 54.29	−17 13.5	1.819	2.769	8.8	19.2
9 8	20 47.89	−17 56.5	1.887	2.766	12.4	19.4

141885 2002 PZ_{52} 8 8.1 293°.67 2°.1/ 6.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 37.91	−17 32.7	1.475	2.327	17.2	19.9
7 10	21 35.23	−18 12.5	1.378	2.302	13.7	19.6
7 20	21 29.61	−19 5.5	1.301	2.277	9.4	19.3
7 30	21 21.46	−20 7.0	1.246	2.252	4.7	18.9
8 9	21 11.69	−21 9.3	1.215	2.227	2.5	18.7
8 19	21 1.58	−22 4.5	1.210	2.202	7.1	18.9
8 29	20 52.62	−22 45.9	1.228	2.177	12.2	19.2
9 8	20 46.11	−23 10.2	1.267	2.152	16.8	19.4

246555 2008 SO_{99} 8 8.1 217°.16 2°.1/ 9.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 37.52	− 7 0.3	2.355	3.145	13.5	22.2
7 10	21 33.44	− 7 17.2	2.256	3.136	11.0	22.0
7 20	21 27.50	− 7 47.4	2.177	3.127	7.9	21.8
7 30	21 20.10	− 8 29.5	2.124	3.118	4.6	21.6
8 9	21 11.86	− 9 20.5	2.098	3.108	2.2	21.4
8 19	21 3.54	−10 16.5	2.101	3.097	4.1	21.5
8 29	20 55.94	−11 13.0	2.132	3.085	7.4	21.7
9 8	20 49.80	−12 6.0	2.189	3.073	10.7	21.9

217635 1996 GV_{7} 8 8.1 329°.09 1°.2/ 7.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 35.03	−17 27.4	2.091	2.926	13.5	20.5
7 10	21 31.76	−17 56.0	2.005	2.920	10.5	20.3
7 20	21 26.47	−18 32.5	1.941	2.913	7.1	20.1
7 30	21 19.62	−19 13.1	1.902	2.907	3.5	19.8
8 9	21 11.91	−19 53.4	1.889	2.901	1.5	19.7
8 19	21 4.21	−20 28.9	1.903	2.895	4.9	19.9
8 29	20 57.40	−20 56.2	1.944	2.890	8.6	20.1
9 8	20 52.25	−21 13.1	2.009	2.885	11.9	20.3

209537 2004 TV_{367} 8 8.1 264°.81 2°.8/ 6.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 41.77	−19 59.2	1.418	2.270	17.8	21.2
7 10	21 38.18	−20 32.6	1.338	2.262	14.0	20.9
7 20	21 31.49	−21 15.2	1.278	2.253	9.6	20.6
7 30	21 22.28	−22 1.1	1.240	2.245	5.0	20.3
8 9	21 11.63	−22 42.5	1.227	2.236	3.1	20.2
8 19	21 0.96	−23 12.8	1.238	2.228	7.3	20.4
8 29	20 51.77	−23 27.6	1.274	2.219	12.1	20.7
9 8	20 45.24	−23 25.9	1.330	2.210	16.4	20.9

282856 2007 BA_{42} 8 8.1 158°.31 0°.1/ 8.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 38.42	−12 14.6	1.810	2.633	15.7	20.5
7 10	21 34.65	−12 54.1	1.731	2.637	12.4	20.3
7 20	21 28.56	−13 47.4	1.673	2.640	8.5	20.1
7 30	21 20.67	−14 50.7	1.639	2.643	4.2	19.9
8 9	21 11.81	−15 58.3	1.632	2.645	0.4	19.6
8 19	21 2.97	−17 3.9	1.652	2.647	4.9	19.9
8 29	20 55.22	−18 2.0	1.698	2.649	9.2	20.2
9 8	20 49.42	−18 48.7	1.768	2.651	12.9	20.4

234358 2001 JC_{6} 8 8.1 68°.66 3°.0/10.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 37.42	− 5 18.7	1.795	2.596	16.7	20.0
7 10	21 33.60	− 5 31.9	1.733	2.619	13.5	19.9
7 20	21 27.64	− 6 2.3	1.691	2.641	9.8	19.7
7 30	21 20.12	− 6 47.9	1.672	2.664	5.9	19.5
8 9	21 11.87	− 7 44.7	1.679	2.686	3.1	19.4
8 19	21 3.84	− 8 47.3	1.713	2.709	4.8	19.5
8 29	20 56.95	− 9 50.0	1.773	2.731	8.3	19.8
9 8	20 51.92	−10 47.6	1.858	2.753	11.7	20.1

25637 2000 AL_{63} 8 8.1 341°.38 2°.1/ 6.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 34.86	−19 44.5	2.114	2.954	13.2	18.7
7 10	21 31.62	−20 23.9	2.032	2.950	10.3	18.5
7 20	21 26.37	−21 9.8	1.972	2.946	7.0	18.3
7 30	21 19.56	−21 58.0	1.938	2.942	3.6	18.1
8 9	21 11.93	−22 43.3	1.929	2.938	2.4	18.0
8 19	21 4.32	−23 21.2	1.948	2.935	5.4	18.2
8 29	20 57.61	−23 48.4	1.993	2.932	8.8	18.4
9 8	20 52.57	−24 3.2	2.062	2.930	12.0	18.6

325861 2010 TQ_{114} 8 8.1 247°.61 2°.4/10.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 35.40	− 5 52.0	2.810	3.588	11.8	22.4
7 10	21 31.51	− 5 57.1	2.699	3.570	9.7	22.3
7 20	21 26.04	− 6 13.4	2.609	3.552	7.1	22.1
7 30	21 19.35	− 6 40.0	2.546	3.534	4.4	21.9
8 9	21 11.95	− 7 15.3	2.510	3.515	2.5	21.7
8 19	21 4.44	− 7 56.5	2.502	3.496	3.7	21.8
8 29	20 57.48	− 8 40.3	2.524	3.476	6.5	21.9
9 8	20 51.69	− 9 23.5	2.572	3.456	9.3	22.1

333543 2005 TL_{81} 8 8.1 32°.27 0°.8/ 8.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 33.31	−12 17.9	2.601	3.413	11.8	20.6
7 10	21 29.82	−12 23.9	2.526	3.424	9.3	20.4
7 20	21 24.81	−12 37.9	2.472	3.434	6.4	20.2
7 30	21 18.69	−12 57.9	2.444	3.446	3.3	20.1
8 9	21 12.04	−13 21.5	2.444	3.457	0.8	19.9
8 19	21 5.48	−13 45.8	2.472	3.469	3.4	20.1
8 29	20 59.65	−14 8.4	2.527	3.481	6.4	20.3
9 8	20 55.09	−14 26.9	2.608	3.493	9.2	20.5

473344 2015 TG_{190} 8 8.1 315°.29 5°.2/12.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 33.53	+ 0 0.5	2.154	2.925	15.2	21.2
7 10	21 30.48	+ 0 19.0	2.059	2.916	12.8	21.0
7 20	21 25.57	+ 0 21.0	1.983	2.908	10.1	20.9
7 30	21 19.19	+ 0 5.6	1.929	2.899	7.3	20.7
8 9	21 11.98	− 0 26.2	1.901	2.891	5.4	20.5
8 19	21 4.71	− 1 11.7	1.899	2.883	5.8	20.6
8 29	20 58.19	− 2 6.6	1.923	2.875	8.2	20.7
9 8	20 53.17	− 3 5.6	1.972	2.867	11.1	20.9

476311 2007 XF_{17} 8 8.1 269°.95 2°.7/ 9.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 39.05	− 8 2.5	2.227	3.021	14.1	21.6
7 10	21 34.87	− 7 45.6	2.115	2.998	11.5	21.4
7 20	21 28.64	− 7 39.3	2.025	2.975	8.4	21.2
7 30	21 20.74	− 7 43.5	1.959	2.951	5.1	20.9
8 9	21 11.82	− 7 56.5	1.920	2.927	2.8	20.7
8 19	21 2.71	− 8 16.0	1.909	2.903	4.6	20.8
8 29	20 54.33	− 8 38.8	1.925	2.878	8.1	21.0
9 8	20 47.49	− 9 1.6	1.967	2.853	11.6	21.2

352392 2007 WM_{22} 8 8.1 243°.54 1°.7/ 6.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 39.35	−19 23.7	2.195	3.023	13.2	22.1
7 10	21 35.10	−19 49.7	2.102	3.012	10.3	21.9
7 20	21 28.75	−20 21.6	2.031	3.001	7.0	21.6
7 30	21 20.75	−20 55.7	1.986	2.990	3.5	21.4
8 9	21 11.84	−21 27.6	1.969	2.979	1.9	21.3
8 19	21 2.88	−21 53.1	1.979	2.967	5.1	21.5
8 29	20 54.83	−22 9.4	2.016	2.956	8.7	21.7
9 8	20 48.47	−22 15.0	2.078	2.943	12.0	21.9

23166 Bilal 8 8.1 266°.26 4°.3/ 4.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 39.23	−25 31.7	2.042	2.884	13.5	18.4
7 10	21 35.31	−26 24.4	1.956	2.872	10.7	18.2
7 20	21 29.06	−27 20.6	1.892	2.861	7.6	18.0
7 30	21 20.96	−28 14.3	1.853	2.849	4.9	17.8
8 9	21 11.82	−28 59.2	1.841	2.837	4.7	17.8
8 19	21 2.64	−29 30.2	1.855	2.825	7.2	17.9
8 29	20 54.49	−29 44.4	1.895	2.813	10.4	18.1
9 8	20 48.25	−29 41.7	1.957	2.801	13.5	18.3

435695 2008 TX_{132} 8 8.1 75°.85 6°.5/ 4.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 45.09	−31 26.7	1.752	2.595	15.3	21.0
7 10	21 40.18	−32 11.5	1.687	2.599	12.3	20.8
7 20	21 32.44	−32 53.5	1.642	2.602	9.2	20.7
7 30	21 22.57	−33 25.2	1.621	2.606	6.9	20.5
8 9	21 11.68	−33 39.8	1.626	2.609	6.8	20.5
8 19	21 1.07	−33 33.5	1.656	2.613	9.1	20.7
8 29	20 52.02	−33 6.1	1.710	2.617	12.1	20.9
9 8	20 45.46	−32 20.3	1.786	2.620	15.0	21.1

48796 1997 TE_{11} 8 8.1 262°.22 3°.2/10.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 35.29	− 4 23.3	2.153	2.942	14.6	19.8
7 10	21 31.93	− 4 32.0	2.052	2.929	12.1	19.6
7 20	21 26.61	− 4 56.4	1.971	2.915	9.0	19.4
7 30	21 19.74	− 5 36.1	1.914	2.902	5.7	19.2
8 9	21 11.96	− 6 28.5	1.883	2.888	3.3	19.0
8 19	21 4.05	− 7 29.5	1.879	2.874	4.7	19.1
8 29	20 56.90	− 8 34.3	1.903	2.860	8.0	19.2
9 8	20 51.27	− 9 37.4	1.952	2.845	11.3	19.4

195466 2002 GR_{112} 8 8.1 132°.73 0°.2/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 37.79	−13 15.4	1.952	2.775	14.7	20.4
7 10	21 33.96	−13 54.9	1.875	2.781	11.6	20.2
7 20	21 27.99	−14 46.3	1.820	2.787	7.9	20.0
7 30	21 20.37	−15 45.8	1.789	2.793	3.8	19.7
8 9	21 11.90	−16 48.0	1.785	2.799	0.5	19.5
8 19	21 3.49	−17 47.4	1.809	2.804	4.7	19.8
8 29	20 56.09	−18 39.2	1.860	2.809	8.6	20.1
9 8	20 50.49	−19 20.1	1.935	2.814	12.1	20.3

202251 2005 AE_{21} 8 8.1 299°.63 3°.3/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 37.85	−21 10.9	1.671	2.521	15.6	20.3
7 10	21 34.85	−21 54.8	1.574	2.497	12.4	20.0
7 20	21 29.15	−22 47.5	1.497	2.472	8.6	19.7
7 30	21 21.18	−23 43.2	1.444	2.447	4.7	19.4
8 9	21 11.80	−24 34.7	1.416	2.423	3.7	19.3
8 19	21 2.18	−25 15.4	1.414	2.398	7.3	19.5
8 29	20 53.64	−25 40.2	1.436	2.374	11.6	19.7
9 8	20 47.31	−25 47.5	1.479	2.350	15.6	19.9

517827 2015 RB_{76} 8 8.1 254°.92 0°.9/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 35.00	−11 2.1	2.593	3.397	12.0	22.0
7 10	21 31.32	−11 17.9	2.492	3.385	9.6	21.8
7 20	21 25.99	−11 43.3	2.414	3.373	6.7	21.6
7 30	21 19.36	−12 16.5	2.361	3.361	3.5	21.3
8 9	21 12.01	−12 54.7	2.335	3.348	0.9	21.1
8 19	21 4.59	−13 34.6	2.339	3.335	3.6	21.3
8 29	20 57.82	−14 12.8	2.370	3.322	6.9	21.5
9 8	20 52.34	−14 46.4	2.427	3.309	9.9	21.7

120650 1996 TV_{7} 8 8.1 103°.86 7°.9/ 2.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 45.64	−34 36.9	1.790	2.631	15.1	19.3
7 10	21 40.64	−35 47.5	1.735	2.641	12.4	19.1
7 20	21 32.77	−36 53.4	1.701	2.651	9.7	19.0
7 30	21 22.73	−37 45.6	1.690	2.661	8.1	18.9
8 9	21 11.68	−38 16.7	1.705	2.670	8.3	19.0
8 19	21 0.96	−38 22.9	1.744	2.680	10.3	19.1
8 29	20 51.86	−38 4.0	1.807	2.689	12.8	19.3
9 8	20 45.31	−37 23.5	1.891	2.698	15.4	19.5

450255 2003 UX_{370} 8 8.1 336°.03 7°.8/14.5 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 33.43	+ 6 33.4	2.160	2.894	16.2	21.2
7 10	21 30.42	+ 7 17.6	2.069	2.888	14.1	21.0
7 20	21 25.54	+ 7 43.2	1.995	2.883	11.8	20.8
7 30	21 19.20	+ 7 47.4	1.943	2.878	9.6	20.7
8 9	21 12.03	+ 7 29.8	1.914	2.873	8.1	20.6
8 19	21 4.81	+ 6 51.8	1.909	2.868	8.0	20.6
8 29	20 58.36	+ 5 57.4	1.930	2.864	9.4	20.6
9 8	20 53.39	+ 4 52.3	1.975	2.860	11.6	20.8

192623 1999 JR_{36} 8 8.1 29°.10 4°.1/ 5.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 37.57	−22 4.4	1.264	2.133	18.5	19.4
7 10	21 34.87	−22 54.4	1.212	2.145	14.4	19.2
7 20	21 29.11	−23 51.4	1.179	2.158	9.8	19.0
7 30	21 21.02	−24 47.4	1.167	2.171	5.5	18.8
8 9	21 11.86	−25 33.8	1.179	2.185	4.5	18.8
8 19	21 3.05	−26 4.1	1.215	2.201	8.1	19.0
8 29	20 55.96	−26 15.1	1.274	2.217	12.4	19.3
9 8	20 51.56	−26 7.2	1.352	2.233	16.2	19.6

348070 2003 UA_{412} 8 8.1 244°.06 11°.7/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 46.10	−46 46.4	2.078	2.892	14.3	20.7
7 10	21 41.77	−48 54.9	2.022	2.884	12.8	20.6
7 20	21 34.13	−50 53.2	1.987	2.875	11.9	20.5
7 30	21 23.69	−52 30.6	1.976	2.866	11.8	20.5
8 9	21 11.60	−53 38.1	1.987	2.857	12.6	20.5
8 19	20 59.38	−54 11.1	2.020	2.847	14.0	20.6
8 29	20 48.72	−54 9.4	2.073	2.838	15.6	20.7
9 8	20 40.92	−53 37.4	2.142	2.828	17.2	20.8

337149 1999 TP_{305} 8 8.1 303°.54 2°.3/ 7.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 43.38	−21 45.6	1.651	2.493	16.1	20.5
7 10	21 39.33	−21 43.9	1.545	2.462	12.9	20.3
7 20	21 32.32	−21 45.8	1.458	2.431	9.0	20.0
7 30	21 22.80	−21 46.8	1.395	2.399	4.7	19.6
8 9	21 11.70	−21 42.1	1.357	2.368	2.5	19.4
8 19	21 0.29	−21 27.4	1.345	2.337	6.6	19.6
8 29	20 50.03	−21 0.7	1.359	2.306	11.4	19.8
9 8	20 42.16	−20 22.1	1.395	2.275	15.8	20.0

518447 2004 TS_{371} 8 8.1 33°.78 8°.2/ 3.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 46.58	−34 43.6	1.612	2.457	16.3	21.0
7 10	21 41.71	−35 34.7	1.551	2.460	13.4	20.8
7 20	21 33.68	−36 20.2	1.510	2.463	10.4	20.6
7 30	21 23.24	−36 51.2	1.492	2.467	8.4	20.5
8 9	21 11.69	−36 59.9	1.498	2.470	8.5	20.5
8 19	21 0.51	−36 42.8	1.528	2.474	10.6	20.7
8 29	20 51.15	−36 0.5	1.582	2.478	13.5	20.8
9 8	20 44.59	−34 57.5	1.656	2.482	16.3	21.0

161516 2004 RR_{326} 8 8.1 315°.44 0°.0/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 38.95	−16 27.2	1.153	2.017	20.2	20.0
7 10	21 36.71	−16 10.8	1.068	1.997	16.2	19.7
7 20	21 31.00	−16 4.6	0.999	1.977	11.3	19.4
7 30	21 22.30	−16 5.7	0.951	1.958	5.6	19.0
8 9	21 11.75	−16 9.4	0.925	1.939	0.6	18.6
8 19	21 0.96	−16 10.8	0.922	1.921	6.9	19.0
8 29	20 51.74	−16 5.8	0.940	1.904	12.9	19.2
9 8	20 45.55	−15 52.0	0.978	1.888	18.3	19.5

267319 2001 TK_{254} 8 8.1 170°.55 4°.2/ 5.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 41.48	−24 3.2	1.829	2.671	14.8	21.1
7 10	21 37.21	−25 0.9	1.756	2.673	11.6	20.9
7 20	21 30.41	−26 3.3	1.704	2.674	8.1	20.7
7 30	21 21.65	−27 3.6	1.677	2.676	5.0	20.5
8 9	21 11.84	−27 54.7	1.677	2.677	4.6	20.5
8 19	21 2.12	−28 31.1	1.703	2.677	7.4	20.6
8 29	20 53.64	−28 49.7	1.755	2.678	10.8	20.8
9 8	20 47.31	−28 50.6	1.829	2.678	14.1	21.1

520137 2014 BC_{68} 8 8.1 83°.56 1°.3/ 8.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 41.90	−13 15.6	1.864	2.682	15.5	21.4
7 10	21 37.24	−12 54.6	1.783	2.684	12.4	21.2
7 20	21 30.26	−12 42.1	1.723	2.686	8.6	21.0
7 30	21 21.51	−12 36.6	1.688	2.689	4.5	20.8
8 9	21 11.86	−12 35.6	1.679	2.691	1.3	20.6
8 19	21 2.32	−12 36.5	1.697	2.694	4.7	20.8
8 29	20 53.92	−12 36.7	1.742	2.696	8.7	21.1
9 8	20 47.50	−12 34.2	1.811	2.699	12.4	21.3

273850 2007 GE_{45} 8 8.1 227°.04 3°.9/11.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 37.53	− 3 32.9	1.963	2.750	15.9	20.7
7 10	21 33.85	− 3 30.8	1.869	2.743	13.2	20.5
7 20	21 28.02	− 3 45.6	1.795	2.736	9.9	20.3
7 30	21 20.49	− 4 17.2	1.744	2.729	6.5	20.1
8 9	21 11.97	− 5 3.1	1.718	2.721	4.0	19.9
8 19	21 3.37	− 5 59.5	1.720	2.713	5.2	20.0
8 29	20 55.66	− 7 1.0	1.748	2.704	8.6	20.2
9 8	20 49.67	− 8 2.0	1.801	2.696	12.1	20.4

478870 2012 VR_{95} 8 8.1 292°.13 4°.1/ 5.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 38.88	−23 54.8	1.825	2.672	14.6	21.1
7 10	21 35.23	−24 48.2	1.747	2.667	11.5	20.8
7 20	21 29.11	−25 46.5	1.691	2.663	8.0	20.6
7 30	21 21.04	−26 43.4	1.659	2.658	4.9	20.4
8 9	21 11.92	−27 31.9	1.653	2.654	4.4	20.4
8 19	21 2.82	−28 6.6	1.674	2.650	7.3	20.6
8 29	20 54.90	−28 24.2	1.719	2.646	10.8	20.8
9 8	20 49.06	−28 24.4	1.787	2.641	14.1	21.0

1014 Semphyra 8 8.1 193°.79 0°.9/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 38.06	−11 25.8	2.567	3.366	12.3	17.3
7 10	21 33.67	−11 39.4	2.474	3.364	9.8	17.1
7 20	21 27.56	−12 2.0	2.403	3.361	6.8	16.9
7 30	21 20.14	−12 31.9	2.358	3.358	3.6	16.7
8 9	21 12.02	−13 6.0	2.342	3.354	0.9	16.5
8 19	21 3.88	−13 41.3	2.354	3.350	3.7	16.7
8 29	20 56.48	−14 14.4	2.395	3.346	6.9	16.9
9 8	20 50.43	−14 42.8	2.462	3.340	9.9	17.1

95669 2002 GE_{161} 8 8.1 344°.28 9°.6/30.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 38.50	−39 0.0	1.873	2.719	14.4	18.3
7 10	21 35.38	−40 35.1	1.811	2.712	12.2	18.2
7 20	21 29.44	−42 4.1	1.770	2.706	10.4	18.1
7 30	21 21.27	−43 17.5	1.753	2.700	9.6	18.0
8 9	21 11.90	−44 7.3	1.758	2.694	10.3	18.0
8 19	21 2.59	−44 28.6	1.787	2.690	12.0	18.1
8 29	20 54.69	−44 20.5	1.838	2.686	14.2	18.3
9 8	20 49.21	−43 46.2	1.907	2.682	16.4	18.4

93289 2000 SC_{196} 8 8.1 226°.85 2°.9/10.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 36.42	− 4 6.2	2.030	2.819	15.4	19.9
7 10	21 32.94	− 4 34.0	1.934	2.812	12.6	19.7
7 20	21 27.39	− 5 20.2	1.858	2.804	9.3	19.5
7 30	21 20.18	− 6 23.4	1.806	2.796	5.7	19.3
8 9	21 12.02	− 7 40.1	1.780	2.787	3.0	19.1
8 19	21 3.75	− 9 4.8	1.783	2.779	4.6	19.2
8 29	20 56.31	−10 30.8	1.812	2.769	8.3	19.4
9 8	20 50.51	−11 52.2	1.868	2.760	11.8	19.6

192201 2007 HA_{61} 8 8.1 106°.63 1°.4/ 9.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 37.85	− 9 30.2	1.788	2.604	16.1	20.9
7 10	21 34.18	− 9 53.4	1.713	2.612	12.9	20.7
7 20	21 28.24	−10 31.5	1.658	2.620	9.0	20.5
7 30	21 20.57	−11 22.0	1.627	2.627	4.8	20.3
8 9	21 11.99	−12 19.9	1.622	2.634	1.4	20.0
8 19	21 3.50	−13 19.8	1.644	2.642	4.7	20.3
8 29	20 56.10	−14 16.0	1.692	2.649	8.8	20.6
9 8	20 50.62	−15 4.3	1.764	2.655	12.5	20.8

381730 2009 RD_{19} 8 8.1 289°.12 2°.1/ 9.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 39.18	−10 37.2	1.606	2.432	17.3	21.7
7 10	21 35.89	−10 25.3	1.505	2.408	14.0	21.4
7 20	21 29.89	−10 26.6	1.422	2.385	10.1	21.1
7 30	21 21.60	−10 40.1	1.361	2.361	5.6	20.8
8 9	21 11.87	−11 3.1	1.325	2.337	2.1	20.5
8 19	21 1.84	−11 31.5	1.315	2.313	5.5	20.7
8 29	20 52.82	−12 0.5	1.330	2.289	10.4	20.9
9 8	20 45.99	−12 25.7	1.367	2.265	14.9	21.1

511343 2014 EJ_{36} 8 8.1 260°.07 0°.2/ 8.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 36.50	−11 44.6	2.002	2.821	14.6	21.4
7 10	21 33.14	−12 24.9	1.904	2.807	11.6	21.1
7 20	21 27.61	−13 19.3	1.827	2.793	8.0	20.9
7 30	21 20.33	−14 24.7	1.775	2.778	4.0	20.6
8 9	21 12.02	−15 36.0	1.749	2.763	0.4	20.3
8 19	21 3.55	−16 47.3	1.752	2.748	4.7	20.6
8 29	20 55.92	−17 52.9	1.781	2.732	8.8	20.8
9 8	20 49.99	−18 48.2	1.835	2.717	12.5	21.0

480220 2015 GR_{31} 8 8.1 12°.66 10°.0/ 3.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 46.04	−37 28.3	1.430	2.283	17.6	20.6
7 10	21 41.79	−38 26.8	1.375	2.285	14.7	20.4
7 20	21 33.98	−39 16.8	1.338	2.287	11.9	20.3
7 30	21 23.47	−39 47.7	1.323	2.290	10.2	20.2
8 9	21 11.73	−39 51.0	1.331	2.294	10.4	20.2
8 19	21 0.47	−39 23.2	1.361	2.299	12.4	20.3
8 29	20 51.31	−38 26.0	1.413	2.304	15.2	20.5
9 8	20 45.31	−37 5.5	1.485	2.310	18.0	20.7

218570 2005 GO_{204} 8 8.1 10°.22 1°.9/ 7.2 17

6 30	21 32.81	−17 53.0	0.957	1.846	21.4	20.1
7 10	21 31.94	−18 9.2	0.905	1.849	16.8	19.8
7 20	21 27.57	−18 38.1	0.869	1.853	11.4	19.5
7 30	21 20.47	−19 13.8	0.851	1.859	5.5	19.2
8 9	21 12.02	−19 48.1	0.855	1.867	2.2	19.1
8 19	21 3.88	−20 13.4	0.879	1.877	7.5	19.4
8 29	20 57.69	−20 24.8	0.924	1.888	13.0	19.8
9 8	20 54.54	−20 20.5	0.988	1.901	17.8	20.1

250315 2003 QZ_{107} 8 8.1 346°.84 2°.8/ 5.9 17

6 30	21 11.51	−13 6.5	0.725	1.650	22.3	18.4
7 10	21 15.72	−14 25.4	0.659	1.625	17.7	18.0
7 20	21 16.93	−16 19.7	0.608	1.603	12.0	17.6
7 30	21 15.51	−18 42.8	0.573	1.584	5.7	17.1
8 9	21 12.49	−21 19.1	0.556	1.568	3.6	16.9
8 19	21 9.37	−23 47.5	0.557	1.556	9.8	17.2
8 29	21 8.01	−25 48.0	0.575	1.548	16.3	17.5
9 8	21 9.82	−27 8.2	0.607	1.544	22.0	17.8

338033 2002 HW_5 8 8.1 117°.32 1°.5/ 6.9 17

6 30	21 40.91	−18 10.3	1.976	2.805	14.4	21.2
7 10	21 36.34	−18 42.5	1.907	2.818	11.2	21.0
7 20	21 29.58	−19 21.8	1.860	2.830	7.6	20.8
7 30	21 21.17	−20 3.8	1.837	2.842	3.7	20.6
8 9	21 11.97	−20 43.4	1.842	2.853	1.8	20.5
8 19	21 2.93	−21 16.2	1.874	2.864	5.2	20.8
8 29	20 55.02	−21 39.1	1.933	2.875	8.9	21.0
9 8	20 49.00	−21 50.8	2.016	2.886	12.1	21.3

241386 2008 SN_{200} 8 8.1 192°.09 4°.6/12.3 18

6 30	21 37.82	+ 0 33.5	2.556	3.303	13.6	21.6
7 10	21 33.49	+ 0 43.3	2.459	3.301	11.5	21.5
7 20	21 27.47	+ 0 38.3	2.382	3.298	9.0	21.3
7 30	21 20.13	+ 0 18.0	2.329	3.295	6.5	21.1
8 9	21 12.07	− 0 16.2	2.303	3.291	4.8	21.0
8 19	21 3.96	− 1 2.0	2.306	3.287	5.2	21.0
8 29	20 56.54	− 1 55.6	2.336	3.281	7.3	21.2
9 8	20 50.45	− 2 52.3	2.392	3.276	9.9	21.3

160695 2000 KX_{13} 8 8.1 10°.95 5°.4/ 5.2 18

6 30	21 36.17	−22 23.8	1.025	1.911	20.5	19.2
7 10	21 34.65	−23 28.9	0.970	1.912	16.1	18.9
7 20	21 29.51	−24 43.9	0.932	1.914	11.2	18.7
7 30	21 21.48	−25 58.7	0.914	1.917	6.6	18.4
8 9	21 11.94	−27 1.4	0.917	1.922	5.9	18.4
8 19	21 2.66	−27 42.7	0.942	1.927	9.9	18.6
8 29	20 55.36	−27 58.0	0.988	1.934	14.7	18.9
9 8	20 51.27	−27 48.2	1.052	1.941	19.1	19.2

443705 2015 KM_{112} 8 8.1 71°.66 6°.9/13.9 18

6 30	21 36.29	+ 4 8.5	1.852	2.608	17.8	21.0
7 10	21 32.81	+ 4 31.3	1.781	2.622	15.2	20.9
7 20	21 27.23	+ 4 32.2	1.727	2.636	12.2	20.7
7 30	21 20.06	+ 4 9.9	1.695	2.650	9.3	20.6
8 9	21 12.10	+ 3 25.6	1.686	2.664	7.2	20.5
8 19	21 4.25	+ 2 23.2	1.703	2.678	7.3	20.5
8 29	20 57.43	+ 1 8.7	1.746	2.693	9.3	20.7
9 8	20 52.38	− 0 10.6	1.812	2.707	12.0	20.9

96566 1998 TC_2 8 8.1 215°.91 1°.0/ 7.2 18

6 30	21 36.95	−18 2.3	2.739	3.557	11.1	20.1
7 10	21 32.75	−18 22.9	2.648	3.552	8.7	20.0
7 20	21 26.92	−18 48.6	2.579	3.547	5.9	19.8
7 30	21 19.85	−19 16.6	2.537	3.541	2.9	19.6
8 9	21 12.13	−19 43.8	2.523	3.535	1.1	19.4
8 19	21 4.41	−20 7.2	2.539	3.529	4.0	19.6
8 29	20 57.39	−20 24.4	2.582	3.523	7.0	19.8
9 8	20 51.67	−20 34.0	2.651	3.517	9.7	20.0

219286 2000 CG_{110} 8 8.1 313°.64 0°.9/ 7.7 18

6 30	21 39.89	−17 31.2	1.381	2.233	18.1	20.2
7 10	21 36.81	−17 30.1	1.296	2.219	14.4	19.9
7 20	21 30.67	−17 37.9	1.230	2.205	10.0	19.6
7 30	21 22.02	−17 51.1	1.185	2.191	4.9	19.3
8 9	21 11.90	−18 4.5	1.165	2.178	1.1	19.0
8 19	21 1.70	−18 13.3	1.169	2.166	6.3	19.3
8 29	20 52.91	−18 13.6	1.197	2.153	11.5	19.6
9 8	20 46.73	−18 3.7	1.245	2.142	16.2	19.8

226351 2003 GH_{11} 8 8.1 61°.62 4°.6/11.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 37.72	− 2 55.7	1.555	2.358	18.8	20.4
7 10	21 34.25	− 2 49.2	1.493	2.375	15.4	20.2
7 20	21 28.36	− 3 3.3	1.448	2.393	11.6	20.0
7 30	21 20.64	− 3 37.6	1.425	2.410	7.6	19.8
8 9	21 12.06	− 4 28.5	1.426	2.428	4.7	19.7
8 19	21 3.68	− 5 30.5	1.453	2.447	5.9	19.8
8 29	20 56.58	− 6 36.8	1.505	2.465	9.4	20.1
9 8	20 51.58	− 7 40.8	1.580	2.483	13.0	20.3

504846 2010 RS_{181} 8 8.1 277°.21 3°.0/ 9.5 17

6 30	21 41.29	− 9 52.0	1.458	2.284	18.7	21.5
7 10	21 37.64	− 9 24.8	1.372	2.275	15.2	21.2
7 20	21 31.10	− 9 11.2	1.304	2.265	11.0	20.9
7 30	21 22.18	− 9 10.8	1.257	2.255	6.4	20.7
8 9	21 11.89	− 9 21.2	1.235	2.246	3.0	20.4
8 19	21 1.50	− 9 38.9	1.238	2.236	5.9	20.6
8 29	20 52.41	− 9 59.4	1.266	2.226	10.7	20.8
9 8	20 45.75	−10 18.3	1.316	2.216	15.2	21.1

404712 2014 JH_7 8 8.1 22°.59 3°.7/ 5.3 18

6 30	21 36.01	−22 43.2	1.768	2.621	14.8	20.6
7 10	21 32.92	−23 37.2	1.703	2.627	11.5	20.4
7 20	21 27.48	−24 36.5	1.659	2.634	7.9	20.2
7 30	21 20.23	−25 34.9	1.640	2.641	4.6	20.0
8 9	21 12.10	−26 25.6	1.646	2.649	4.0	20.0
8 19	21 4.10	−27 3.4	1.677	2.657	6.9	20.2
8 29	20 57.30	−27 25.1	1.734	2.666	10.4	20.4
9 8	20 52.51	−27 30.1	1.813	2.675	13.6	20.6

387143 2012 TG_{207} 8 8.1 203°.31 0°.9/ 7.6 18

6 30	21 40.54	−17 22.9	1.939	2.768	14.6	21.1
7 10	21 36.22	−17 34.2	1.857	2.767	11.5	20.9
7 20	21 29.62	−17 52.8	1.796	2.765	7.8	20.6
7 30	21 21.27	−18 15.0	1.760	2.764	3.8	20.4
8 9	21 12.00	−18 36.8	1.750	2.763	1.1	20.2
8 19	21 2.80	−18 54.3	1.768	2.761	5.0	20.5
8 29	20 54.67	−19 4.5	1.812	2.760	8.9	20.7
9 8	20 48.46	−19 6.0	1.880	2.758	12.5	20.9

476285 2007 VJ_{238} 8 8.1 256°.44 2°.8/10.1 18

6 30	21 37.16	− 7 16.3	2.037	2.838	15.0	21.4
7 10	21 33.44	− 7 8.4	1.949	2.835	12.2	21.2
7 20	21 27.68	− 7 13.6	1.880	2.831	8.9	21.0
7 30	21 20.32	− 7 31.1	1.836	2.828	5.4	20.8
8 9	21 12.10	− 7 58.5	1.817	2.825	2.8	20.6
8 19	21 3.87	− 8 32.7	1.826	2.821	4.6	20.8
8 29	20 56.53	− 9 9.3	1.861	2.818	8.1	21.0
9 8	20 50.86	− 9 44.5	1.921	2.815	11.5	21.2

224122 2005 QZ_{10} 8 8.1 297°.59 1°.4/ 9.0 18

6 30	21 35.42	− 9 40.0	1.520	2.353	17.7	20.5
7 10	21 33.06	−10 2.8	1.422	2.332	14.3	20.2
7 20	21 28.04	−10 44.4	1.344	2.311	10.2	19.9
7 30	21 20.76	−11 43.0	1.287	2.289	5.5	19.6
8 9	21 12.05	−12 53.4	1.255	2.268	1.4	19.3
8 19	21 3.04	−14 8.7	1.248	2.247	5.5	19.5
8 29	20 55.08	−15 20.9	1.266	2.227	10.6	19.7
9 8	20 49.31	−16 23.5	1.306	2.206	15.3	19.9

103901 2000 DP_{56} 8 8.1 107°.77 0°.7/ 8.6 17

6 30	21 41.02	−11 47.7	1.746	2.565	16.3	21.1
7 10	21 36.64	−12 10.7	1.679	2.581	12.9	20.9
7 20	21 29.90	−12 46.6	1.632	2.596	8.9	20.7
7 30	21 21.39	−13 32.1	1.609	2.611	4.5	20.5
8 9	21 12.02	−14 22.1	1.612	2.626	0.7	20.3
8 19	21 2.83	−15 11.3	1.643	2.640	4.8	20.6
8 29	20 54.87	−15 54.7	1.700	2.654	9.0	20.9
9 8	20 48.96	−16 29.2	1.781	2.667	12.6	21.1

444357 2005 XP_{17} 8 8.1 288°.95 3°.2/ 5.1 18

6 30	21 35.68	−22 23.2	2.245	3.084	12.5	21.0
7 10	21 32.30	−23 23.0	2.159	3.075	9.8	20.8
7 20	21 26.92	−24 28.6	2.096	3.067	6.8	20.6
7 30	21 19.97	−25 34.6	2.059	3.059	4.0	20.5
8 9	21 12.14	−26 35.3	2.049	3.050	3.6	20.4
8 19	21 4.27	−27 25.7	2.066	3.042	6.1	20.6
8 29	20 57.23	−28 2.2	2.110	3.034	9.2	20.7
9 8	20 51.81	−28 23.3	2.177	3.026	12.1	20.9

448011 2008 DL_{38} 8 8.1 136°.75 1°.8/ 6.4 18

6 30	21 39.36	−21 3.0	2.788	3.606	10.9	22.0
7 10	21 34.49	−21 31.8	2.714	3.619	8.5	21.8
7 20	21 28.01	−22 3.7	2.664	3.631	5.7	21.7
7 30	21 20.35	−22 35.5	2.641	3.643	3.0	21.5
8 9	21 12.12	−23 3.7	2.647	3.655	2.0	21.5
8 19	21 4.01	−23 25.3	2.681	3.665	4.3	21.6
8 29	20 56.70	−23 38.6	2.745	3.676	7.1	21.8
9 8	20 50.75	−23 42.8	2.833	3.686	9.5	22.0

505680 2014 WE_{123} 8 8.1 130°.58 4°.6/10.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 43.20	− 4 24.0	1.710	2.500	17.8	21.6
7 10	21 38.41	− 3 54.4	1.636	2.511	14.7	21.4
7 20	21 31.16	− 3 41.1	1.581	2.522	11.0	21.2
7 30	21 22.03	− 3 44.4	1.549	2.532	7.2	21.0
8 9	21 11.96	− 4 2.7	1.542	2.542	4.7	20.9
8 19	21 2.00	− 4 32.5	1.561	2.552	6.0	21.0
8 29	20 53.29	− 5 9.1	1.607	2.560	9.4	21.2
9 8	20 46.69	− 5 47.3	1.676	2.568	12.9	21.4

206127 2002 SW_{10} 8 8.1 296°.23 3°.6/10.9 18

6 30	21 34.73	− 4 13.2	1.916	2.713	15.9	20.4
7 10	21 31.74	− 4 17.5	1.823	2.704	13.1	20.2
7 20	21 26.65	− 4 39.0	1.749	2.696	9.8	20.0
7 30	21 19.88	− 5 17.4	1.699	2.687	6.3	19.8
8 9	21 12.15	− 6 10.0	1.674	2.678	3.7	19.6
8 19	21 4.34	− 7 12.3	1.675	2.670	5.0	19.7
8 29	20 57.39	− 8 18.6	1.703	2.661	8.5	19.9
9 8	20 52.15	− 9 23.2	1.754	2.653	12.1	20.1

75863 2000 CD_{18} 8 8.1 260°.65 1°.4/ 9.2 18

6 30	21 36.67	− 9 41.8	2.060	2.870	14.5	19.9
7 10	21 33.18	−10 0.3	1.962	2.857	11.7	19.7
7 20	21 27.60	−10 32.1	1.884	2.843	8.3	19.4
7 30	21 20.34	−11 15.5	1.830	2.830	4.5	19.2
8 9	21 12.11	−12 6.7	1.803	2.815	1.4	18.9
8 19	21 3.75	−13 1.1	1.804	2.801	4.4	19.1
8 29	20 56.21	−13 53.9	1.831	2.787	8.3	19.3
9 8	20 50.32	−14 40.8	1.883	2.772	11.9	19.5

338487 2003 HZ_{38} 8 8.1 52°.83 9°.2/ 2.5 17

6 30	21 44.87	−35 38.0	1.527	2.379	16.8	20.0
7 10	21 40.57	−36 55.9	1.478	2.389	13.8	19.8
7 20	21 33.01	−38 7.5	1.449	2.400	11.0	19.7
7 30	21 23.00	−39 2.6	1.443	2.411	9.4	19.6
8 9	21 11.87	−39 32.5	1.460	2.422	9.7	19.7
8 19	21 1.17	−39 33.0	1.500	2.434	11.7	19.8
8 29	20 52.37	−39 4.9	1.562	2.446	14.4	20.0
9 8	20 46.45	−38 12.9	1.644	2.458	17.0	20.2

50879 2000 GT_{32} 8 8.1 216°.67 1°.5/ 9.3 18

6 30	21 36.81	− 9 34.6	2.137	2.944	14.2	19.2
7 10	21 33.09	− 9 47.9	2.048	2.941	11.4	19.0
7 20	21 27.41	−10 13.6	1.980	2.938	8.0	18.8
7 30	21 20.19	−10 49.7	1.936	2.934	4.4	18.6
8 9	21 12.14	−11 32.9	1.919	2.931	1.5	18.4
8 19	21 4.07	−12 19.2	1.930	2.927	4.2	18.5
8 29	20 56.86	−13 4.1	1.968	2.923	7.8	18.8
9 8	20 51.23	−13 44.0	2.031	2.919	11.2	19.0

10203 Flinders 8 8.1 249°.69 0°.7/ 7.7 18

6 30	21 39.40	−13 57.0	1.458	2.300	17.9	18.0
7 10	21 36.23	−14 36.5	1.375	2.292	14.2	17.7
7 20	21 30.19	−15 31.9	1.312	2.284	9.8	17.4
7 30	21 21.77	−16 38.7	1.271	2.276	4.7	17.1
8 9	21 11.98	−17 49.7	1.255	2.268	1.0	16.8
8 19	21 2.08	−18 56.8	1.264	2.259	6.2	17.2
8 29	20 53.47	−19 53.0	1.298	2.251	11.2	17.4
9 8	20 47.28	−20 34.2	1.353	2.242	15.7	17.7

233896 2008 YB_{80} 8 8.1 16°.40 0°.5/ 8.5 18

6 30	21 35.94	−11 48.2	1.862	2.687	15.3	20.6
7 10	21 32.70	−12 18.3	1.782	2.688	12.1	20.4
7 20	21 27.28	−13 1.6	1.722	2.688	8.4	20.2
7 30	21 20.17	−13 55.1	1.686	2.689	4.2	20.0
8 9	21 12.15	−14 53.7	1.677	2.690	0.5	19.7
8 19	21 4.14	−15 52.0	1.694	2.691	4.6	20.0
8 29	20 57.14	−16 44.7	1.738	2.692	8.7	20.2
9 8	20 51.95	−17 27.9	1.805	2.694	12.4	20.5

314583 2005 YN_{288} 8 8.1 230°.24 0°.8/ 7.3 18

6 30	21 36.61	−16 51.1	2.799	3.614	11.0	22.5
7 10	21 32.52	−17 21.3	2.700	3.603	8.6	22.3
7 20	21 26.81	−17 57.8	2.624	3.591	5.8	22.1
7 30	21 19.85	−18 38.0	2.575	3.579	2.8	21.9
8 9	21 12.19	−19 18.2	2.554	3.567	1.0	21.8
8 19	21 4.46	−19 55.2	2.563	3.554	3.9	22.0
8 29	20 57.37	−20 26.1	2.600	3.540	6.9	22.1
9 8	20 51.53	−20 48.9	2.662	3.527	9.7	22.3

182736 2001 XX_{53} 8 8.1 247°.78 1°.8/ 6.6 18

6 30	21 36.85	−18 36.6	2.296	3.124	12.6	20.8
7 10	21 33.11	−19 18.4	2.205	3.116	9.9	20.6
7 20	21 27.42	−20 7.4	2.136	3.107	6.7	20.4
7 30	21 20.21	−20 59.7	2.093	3.097	3.4	20.2
8 9	21 12.15	−21 50.3	2.078	3.088	2.0	20.1
8 19	21 4.04	−22 34.8	2.091	3.079	5.0	20.3
8 29	20 56.74	−23 9.6	2.131	3.069	8.4	20.5
9 8	20 50.99	−23 32.8	2.195	3.059	11.5	20.6

405668 2005 UH_{171} 8 8.1 31°.15 0°.8/ 8.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 36.15	−12 21.6	2.060	2.880	14.2	21.1
7 10	21 32.59	−12 31.0	1.981	2.883	11.2	20.9
7 20	21 27.04	−12 50.7	1.922	2.887	7.8	20.7
7 30	21 20.00	−13 18.4	1.889	2.891	4.0	20.5
8 9	21 12.18	−13 50.5	1.882	2.895	0.8	20.2
8 19	21 4.43	−14 23.3	1.902	2.899	4.2	20.5
8 29	20 57.61	−14 53.1	1.949	2.904	7.9	20.7
9 8	20 52.45	−15 16.9	2.020	2.909	11.3	20.9

275419 2011 CM_6 8 8.1 230°.81 1°.8/ 9.4 18

6 30	21 39.41	− 8 48.7	1.944	2.749	15.4	21.6
7 10	21 35.46	− 9 3.8	1.847	2.738	12.5	21.4
7 20	21 29.24	− 9 33.5	1.770	2.727	8.9	21.1
7 30	21 21.19	−10 16.1	1.717	2.715	5.0	20.9
8 9	21 12.06	−11 7.8	1.691	2.703	1.8	20.6
8 19	21 2.79	−12 3.7	1.692	2.690	4.7	20.8
8 29	20 54.43	−12 58.7	1.721	2.676	8.8	21.0
9 8	20 47.86	−13 48.0	1.774	2.662	12.6	21.2

442922 2013 CM_{45} 8 8.1 42°.54 2°.0/ 6.9 18

6 30	21 40.90	−21 13.8	1.954	2.789	14.3	20.9
7 10	21 36.38	−21 19.9	1.883	2.797	11.1	20.7
7 20	21 29.63	−21 29.6	1.835	2.806	7.6	20.5
7 30	21 21.24	−21 39.0	1.811	2.814	3.8	20.3
8 9	21 12.08	−21 44.2	1.813	2.824	2.1	20.2
8 19	21 3.13	−21 42.3	1.843	2.833	5.3	20.4
8 29	20 55.36	−21 31.7	1.900	2.842	8.9	20.7
9 8	20 49.53	−21 12.1	1.980	2.852	12.2	20.9

138110 2000 DW_{102} 8 8.1 176°.27 1°.5/ 6.9 17

6 30	21 41.74	−17 31.6	2.008	2.832	14.3	21.4
7 10	21 37.12	−18 10.7	1.927	2.835	11.2	21.2
7 20	21 30.24	−18 58.2	1.868	2.837	7.6	21.0
7 30	21 21.61	−19 49.6	1.834	2.838	3.7	20.7
8 9	21 12.04	−20 39.5	1.827	2.839	1.7	20.6
8 19	21 2.50	−21 22.8	1.849	2.839	5.3	20.8
8 29	20 54.01	−21 55.8	1.897	2.838	9.1	21.1
9 8	20 47.40	−22 16.4	1.970	2.837	12.5	21.3

224369 2005 UE_{155} 8 8.1 8°.41 2°.1/ 9.3 18

6 30	21 34.62	−10 28.3	1.218	2.071	20.0	19.7
7 10	21 32.67	−10 21.2	1.152	2.072	16.1	19.5
7 20	21 27.78	−10 31.5	1.104	2.074	11.4	19.2
7 30	21 20.56	−10 57.5	1.075	2.078	6.2	18.9
8 9	21 12.13	−11 34.4	1.070	2.082	2.1	18.7
8 19	21 3.83	−12 16.0	1.087	2.087	5.9	18.9
8 29	20 57.04	−12 55.9	1.127	2.094	10.9	19.2
9 8	20 52.81	−13 28.5	1.188	2.101	15.5	19.5

48399 1981 EA_{21} 8 8.1 136°.95 0°.0/ 8.0 18

6 30	21 38.20	−14 15.4	2.067	2.889	14.1	19.6
7 10	21 34.21	−14 32.9	1.987	2.892	11.1	19.4
7 20	21 28.17	−14 59.7	1.928	2.895	7.6	19.2
7 30	21 20.56	−15 32.9	1.894	2.897	3.7	18.9
8 9	21 12.14	−16 8.5	1.886	2.900	0.4	18.7
8 19	21 3.78	−16 42.3	1.907	2.903	4.4	19.0
8 29	20 56.39	−17 11.0	1.954	2.905	8.2	19.2
9 8	20 50.70	−17 31.8	2.026	2.908	11.5	19.5

20158 1996 TD_{21} 8 8.1 75°.57 1°.4/ 7.3 18

6 30	21 41.75	−16 58.8	1.401	2.248	18.2	18.9
7 10	21 37.88	−17 26.9	1.339	2.259	14.3	18.7
7 20	21 31.10	−18 6.0	1.296	2.270	9.7	18.5
7 30	21 22.09	−18 50.5	1.276	2.282	4.7	18.2
8 9	21 12.01	−19 33.7	1.281	2.293	1.7	18.1
8 19	21 2.18	−20 9.3	1.310	2.305	6.3	18.4
8 29	20 53.93	−20 33.1	1.365	2.316	10.9	18.7
9 8	20 48.23	−20 43.3	1.441	2.327	15.0	19.0

382982 2005 CR_{15} 8 8.1 168°.62 0°.3/ 7.9 18

6 30	21 37.78	−13 22.3	2.263	3.077	13.3	21.7
7 10	21 33.74	−14 5.9	2.179	3.080	10.4	21.5
7 20	21 27.79	−15 0.2	2.117	3.083	7.1	21.3
7 30	21 20.37	−16 1.6	2.082	3.085	3.4	21.1
8 9	21 12.17	−17 5.4	2.074	3.087	0.5	20.8
8 19	21 3.97	−18 6.6	2.095	3.089	4.3	21.1
8 29	20 56.62	−19 0.8	2.144	3.090	7.8	21.4
9 8	20 50.81	−19 45.1	2.218	3.091	11.0	21.6

369769 2012 GF_{11} 8 8.1 240°.69 4°.0/10.7 17

6 30	21 38.43	− 4 39.7	1.610	2.416	18.1	21.2
7 10	21 35.08	− 4 34.0	1.524	2.410	14.9	21.0
7 20	21 29.19	− 4 47.3	1.455	2.404	11.1	20.7
7 30	21 21.23	− 5 19.6	1.408	2.398	7.1	20.5
8 9	21 12.08	− 6 8.0	1.386	2.391	4.1	20.3
8 19	21 2.84	− 7 7.6	1.389	2.385	5.8	20.4
8 29	20 54.70	− 8 11.8	1.418	2.378	9.8	20.6
9 8	20 48.67	− 9 14.0	1.470	2.371	13.9	20.8

36676 2000 QG_{222} 8 8.1 43°.52 4°.9/ 4.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 38.53	−23 33.0	1.617	2.471	15.8	18.7
7 10	21 35.30	−24 54.9	1.549	2.473	12.4	18.5
7 20	21 29.37	−26 23.8	1.502	2.476	8.7	18.2
7 30	21 21.31	−27 51.4	1.480	2.478	5.6	18.1
8 9	21 12.09	−29 8.5	1.483	2.480	5.4	18.1
8 19	21 2.94	−30 7.7	1.511	2.483	8.4	18.3
8 29	20 55.10	−30 45.0	1.564	2.485	12.0	18.5
9 8	20 49.57	−30 59.9	1.637	2.488	15.4	18.7

387662 2002 RK_{254} 8 8.1 332°.16 1°.4/ 7.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 39.76	−18 37.8	1.813	2.650	15.1	21.2
7 10	21 35.82	−18 49.6	1.733	2.648	11.9	21.0
7 20	21 29.49	−19 8.1	1.673	2.645	8.1	20.8
7 30	21 21.29	−19 29.5	1.637	2.642	4.0	20.5
8 9	21 12.12	−19 49.2	1.628	2.640	1.6	20.4
8 19	21 3.01	−20 3.2	1.645	2.638	5.4	20.6
8 29	20 55.06	−20 8.6	1.688	2.636	9.5	20.9
9 8	20 49.12	−20 4.2	1.754	2.634	13.1	21.1

440599 2005 VC_{32} 8 8.1 318°.85 3°.2/ 5.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 36.28	−22 24.9	2.040	2.883	13.4	21.1
7 10	21 32.97	−23 13.0	1.957	2.875	10.5	20.9
7 20	21 27.49	−24 6.6	1.896	2.868	7.3	20.7
7 30	21 20.32	−25 0.5	1.859	2.861	4.2	20.5
8 9	21 12.22	−25 48.7	1.850	2.853	3.5	20.5
8 19	21 4.10	−26 26.4	1.867	2.847	6.3	20.6
8 29	20 56.95	−26 50.1	1.910	2.840	9.7	20.8
9 8	20 51.58	−26 58.9	1.975	2.834	12.8	21.0

488297 2016 UM_{43} 8 8.1 17°.86 1°.7/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 37.48	−18 18.2	1.833	2.673	14.9	20.1
7 10	21 33.98	−18 48.2	1.758	2.675	11.6	19.9
7 20	21 28.20	−19 26.1	1.704	2.677	7.9	19.7
7 30	21 20.65	−20 7.5	1.674	2.679	3.9	19.4
8 9	21 12.19	−20 47.0	1.670	2.681	1.9	19.3
8 19	21 3.82	−21 19.9	1.693	2.684	5.5	19.5
8 29	20 56.55	−21 42.5	1.741	2.687	9.4	19.8
9 8	20 51.22	−21 53.3	1.813	2.690	12.9	20.0

36110 1999 RV_{122} 8 8.1 6°.65 1°.1/ 7.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 34.16	−15 43.6	1.817	2.658	14.9	18.4
7 10	21 31.42	−16 25.6	1.741	2.658	11.7	18.1
7 20	21 26.47	−17 18.6	1.686	2.659	7.9	17.9
7 30	21 19.82	−18 18.1	1.655	2.661	3.8	17.7
8 9	21 12.27	−19 18.4	1.651	2.663	1.4	17.5
8 19	21 4.76	−20 13.6	1.672	2.666	5.2	17.8
8 29	20 58.29	−20 58.9	1.720	2.669	9.2	18.0
9 8	20 53.65	−21 31.4	1.790	2.673	12.8	18.3

498425 2008 AS_{48} 8 8.1 188°.92 2°.0/ 6.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 40.89	−17 18.5	1.725	2.561	15.8	22.1
7 10	21 36.91	−18 11.8	1.646	2.560	12.4	21.9
7 20	21 30.37	−19 16.1	1.588	2.559	8.4	21.6
7 30	21 21.79	−20 26.0	1.553	2.558	4.2	21.4
8 9	21 12.08	−21 34.3	1.546	2.556	2.3	21.2
8 19	21 2.36	−22 34.2	1.565	2.554	6.1	21.5
8 29	20 53.83	−23 20.5	1.610	2.552	10.4	21.7
9 8	20 47.44	−23 50.8	1.678	2.548	14.1	22.0

47669 2000 CC_{62} 8 8.1 227°.24 2°.9/10.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 37.21	− 6 46.4	2.006	2.806	15.2	19.1
7 10	21 33.52	− 6 40.1	1.919	2.804	12.4	18.9
7 20	21 27.77	− 6 47.6	1.853	2.803	9.1	18.7
7 30	21 20.43	− 7 8.1	1.810	2.802	5.5	18.5
8 9	21 12.22	− 7 39.2	1.794	2.801	3.0	18.3
8 19	21 4.01	− 8 17.2	1.804	2.799	4.7	18.4
8 29	20 56.71	− 8 57.9	1.841	2.798	8.2	18.6
9 8	20 51.10	− 9 37.0	1.903	2.797	11.6	18.8

444220 2005 TT_{122} 8 8.1 3°.95 0°.5/ 8.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 34.63	−12 52.0	1.722	2.558	15.8	21.4
7 10	21 31.86	−13 5.8	1.645	2.557	12.6	21.2
7 20	21 26.81	−13 31.7	1.588	2.558	8.7	20.9
7 30	21 20.00	−14 6.9	1.555	2.559	4.4	20.7
8 9	21 12.26	−14 47.0	1.547	2.560	0.6	20.4
8 19	21 4.58	−15 27.0	1.565	2.563	4.8	20.7
8 29	20 57.98	−16 2.3	1.608	2.566	9.0	21.0
9 8	20 53.30	−16 29.5	1.674	2.569	12.8	21.2

15864 1996 HQ_{23} 8 8.2 283°.87 0°.0/ 8.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 38.96	−13 34.0	1.404	2.248	18.4	18.6
7 10	21 36.12	−13 52.2	1.314	2.231	14.7	18.4
7 20	21 30.30	−14 25.7	1.242	2.214	10.2	18.1
7 30	21 21.96	−15 11.3	1.192	2.197	5.1	17.7
8 9	21 12.07	−16 3.2	1.166	2.180	0.5	17.3
8 19	21 1.93	−16 54.2	1.165	2.163	6.1	17.7
8 29	20 53.04	−17 37.9	1.188	2.146	11.5	17.9
9 8	20 46.66	−18 9.6	1.232	2.129	16.3	18.2

14997 1997 VD_4 8 8.2 38°.43 0°.8/ 8.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 37.04	−12 10.5	1.942	2.764	14.9	17.3
7 10	21 33.46	−12 23.8	1.862	2.766	11.8	17.1
7 20	21 27.76	−12 48.5	1.803	2.768	8.2	16.9
7 30	21 20.42	−13 21.9	1.767	2.770	4.2	16.6
8 9	21 12.24	−14 0.3	1.758	2.772	0.8	16.4
8 19	21 4.10	−14 39.1	1.776	2.774	4.4	16.7
8 29	20 56.95	−15 14.3	1.821	2.776	8.4	16.9
9 8	20 51.56	−15 42.7	1.890	2.778	11.9	17.1

111988 2002 GU_{96} 8 8.2 350°.14 9°.5/15.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 29.54	+ 6 45.1	1.632	2.398	19.5	18.2
7 10	21 28.06	+ 7 37.7	1.547	2.388	17.1	18.0
7 20	21 24.37	+ 8 6.5	1.478	2.378	14.5	17.8
7 30	21 18.89	+ 8 7.3	1.428	2.370	11.8	17.7
8 9	21 12.37	+ 7 39.1	1.399	2.363	9.9	17.5
8 19	21 5.77	+ 6 43.7	1.392	2.358	9.6	17.5
8 29	21 0.13	+ 5 26.8	1.409	2.354	11.2	17.6
9 8	20 56.34	+ 3 57.0	1.447	2.351	13.8	17.8

59985 1999 SN_{11} 8 8.2 2°.97 8°.7/ 1.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 41.05	−38 0.2	1.941	2.782	14.1	17.3
7 10	21 37.14	−39 15.6	1.881	2.781	11.8	17.1
7 20	21 30.53	−40 24.6	1.842	2.781	9.8	17.0
7 30	21 21.84	−41 18.9	1.827	2.782	8.8	16.9
8 9	21 12.11	−41 51.4	1.836	2.783	9.2	17.0
8 19	21 2.56	−41 58.2	1.869	2.784	10.9	17.1
8 29	20 54.43	−41 39.0	1.924	2.786	13.1	17.2
9 8	20 48.64	−40 57.0	2.000	2.788	15.3	17.4

310876 2003 KV_{33} 8 8.2 150°.74 2°.9/10.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 34.86	− 4 4.1	2.459	3.238	13.3	21.3
7 10	21 31.26	− 4 16.2	2.371	3.242	10.9	21.1
7 20	21 26.01	− 4 42.1	2.305	3.245	8.1	20.9
7 30	21 19.50	− 5 21.0	2.262	3.248	5.1	20.8
8 9	21 12.33	− 6 10.3	2.247	3.251	3.0	20.6
8 19	21 5.17	− 7 6.4	2.260	3.254	4.1	20.7
8 29	20 58.73	− 8 5.1	2.301	3.256	6.9	20.9
9 8	20 53.61	− 9 2.2	2.368	3.259	9.7	21.1

295305 2008 GU_{117} 8 8.2 63°.96 3°.1/ 5.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 36.21	−21 38.3	2.155	2.994	13.0	20.2
7 10	21 32.68	−22 41.8	2.086	3.003	10.1	20.0
7 20	21 27.14	−23 50.7	2.040	3.011	6.9	19.9
7 30	21 20.10	−24 59.7	2.019	3.020	3.9	19.7
8 9	21 12.28	−26 2.8	2.026	3.029	3.4	19.7
8 19	21 4.54	−26 54.9	2.060	3.038	6.0	19.9
8 29	20 57.76	−27 32.8	2.120	3.047	9.1	20.1
9 8	20 52.64	−27 55.3	2.204	3.056	11.9	20.3

344750 2003 UO_{317} 8 8.2 163°.24 5°.2/ 4.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 45.13	−29 46.5	2.112	2.943	13.5	21.6
7 10	21 39.77	−30 26.0	2.040	2.947	10.7	21.5
7 20	21 32.03	−31 4.0	1.990	2.950	7.9	21.3
7 30	21 22.48	−31 34.4	1.965	2.952	5.6	21.2
8 9	21 12.07	−31 51.9	1.967	2.955	5.4	21.2
8 19	21 1.83	−31 53.0	1.996	2.957	7.5	21.3
8 29	20 52.84	−31 36.7	2.052	2.959	10.3	21.5
9 8	20 45.93	−31 4.8	2.130	2.960	13.1	21.7

83001 2001 QB_{160} 8 8.2 261°.82 2°.3/ 6.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 41.24	−21 54.9	2.148	2.978	13.3	19.6
7 10	21 36.71	−22 11.3	2.056	2.967	10.5	19.4
7 20	21 29.99	−22 31.3	1.986	2.955	7.2	19.2
7 30	21 21.54	−22 51.0	1.941	2.944	3.8	18.9
8 9	21 12.15	−23 5.9	1.924	2.932	2.5	18.8
8 19	21 2.75	−23 12.7	1.934	2.920	5.5	19.0
8 29	20 54.33	−23 9.2	1.971	2.908	9.0	19.2
9 8	20 47.71	−22 55.0	2.032	2.896	12.3	19.4

491680 2012 UD_{35} 8 8.2 293°.70 1°.7/ 9.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 37.00	−10 19.2	1.764	2.586	16.1	22.1
7 10	21 33.84	−10 21.6	1.669	2.571	13.0	21.8
7 20	21 28.31	−10 37.7	1.593	2.556	9.3	21.6
7 30	21 20.83	−11 5.8	1.541	2.540	5.1	21.3
8 9	21 12.21	−11 42.5	1.513	2.525	1.7	21.0
8 19	21 3.44	−12 23.4	1.512	2.510	4.9	21.2
8 29	20 55.65	−13 3.5	1.537	2.496	9.3	21.4
9 8	20 49.78	−13 38.3	1.585	2.481	13.3	21.6

116077 2003 WT_{123} 8 8.2 180°.91 5°.5/12.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 39.07	+ 0 35.6	2.323	3.074	14.7	20.4
7 10	21 34.67	+ 1 12.8	2.232	3.075	12.5	20.2
7 20	21 28.41	+ 1 35.5	2.161	3.075	9.9	20.1
7 30	21 20.71	+ 1 42.4	2.114	3.075	7.4	19.9
8 9	21 12.24	+ 1 33.8	2.092	3.075	5.7	19.8
8 19	21 3.75	+ 1 11.4	2.098	3.074	6.1	19.8
8 29	20 56.04	+ 0 38.5	2.131	3.073	8.2	20.0
9 8	20 49.82	− 0 0.6	2.189	3.072	10.7	20.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
339262 2004 VF_{75}			8 8.2 151°.17	17°.5/20.1	16	
	h m	° ′			°	m
6 30	21 40.33	+18 19.0	1.313	2.012	26.3	20.6
7 10	21 37.30	+20 22.2	1.247	2.015	24.3	20.4
7 20	21 31.15	+21 53.0	1.192	2.017	22.1	20.3
7 30	21 22.39	+22 41.6	1.151	2.019	19.9	20.1
8 9	21 12.07	+22 41.3	1.127	2.021	18.2	20.0
8 19	21 1.60	+21 50.4	1.120	2.022	17.5	20.0
8 29	20 52.55	+20 14.5	1.131	2.024	18.0	20.0
9 8	20 46.20	+18 6.3	1.161	2.025	19.5	20.1
33389 Isairisgreco			8 8.2 11°.89	3°.6/ 6.8	18	
6 30	21 38.81	−22 25.1	0.951	1.839	21.6	17.1
7 10	21 36.86	−22 29.8	0.899	1.841	17.1	16.8
7 20	21 31.07	−22 40.2	0.862	1.845	11.7	16.5
7 30	21 22.30	−22 49.5	0.844	1.851	6.2	16.2
8 9	21 12.10	−22 50.0	0.847	1.858	3.8	16.1
8 19	21 2.33	−22 36.8	0.872	1.866	8.4	16.4
8 29	20 54.78	−22 8.3	0.916	1.876	13.8	16.8
9 8	20 50.58	−21 25.8	0.980	1.887	18.5	17.1
33378 1999 CE_{14}			8 8.2 210°.63	3°.6/10.4	18	
6 30	21 40.15	− 5 50.9	1.572	2.381	18.3	18.9
7 10	21 36.50	− 5 45.8	1.488	2.378	15.0	18.7
7 20	21 30.20	− 5 59.1	1.422	2.375	11.1	18.4
7 30	21 21.78	− 6 30.3	1.379	2.371	6.8	18.2
8 9	21 12.14	− 7 16.3	1.359	2.367	3.7	18.0
8 19	21 2.44	− 8 11.9	1.366	2.362	5.7	18.1
8 29	20 53.92	− 9 10.7	1.398	2.357	10.0	18.3
9 8	20 47.61	−10 6.4	1.453	2.352	14.1	18.6
480543 2015 MW_{49}			8 8.2 4°.99	5°.2/ 3.8	18	
6 30	21 34.83	−24 41.8	1.724	2.582	14.8	19.8
7 10	21 32.28	−26 8.9	1.656	2.582	11.6	19.6
7 20	21 27.26	−27 41.7	1.610	2.583	8.3	19.4
7 30	21 20.29	−29 12.2	1.589	2.584	5.6	19.2
8 9	21 12.28	−30 31.8	1.593	2.586	5.7	19.2
8 19	21 4.31	−31 33.6	1.622	2.589	8.4	19.4
8 29	20 57.51	−32 13.4	1.676	2.592	11.7	19.6
9 8	20 52.79	−32 30.9	1.750	2.595	14.8	19.8
423085 2003 YF_{42}			8 8.2 230°.11	0°.7/ 7.6	17	
6 30	21 40.83	−14 56.9	1.851	2.677	15.3	22.5
7 10	21 36.78	−15 31.5	1.759	2.666	12.1	22.3
7 20	21 30.28	−16 17.8	1.687	2.655	8.3	22.0
7 30	21 21.80	−17 12.0	1.639	2.643	4.0	21.8
8 9	21 12.14	−18 8.5	1.618	2.631	1.0	21.5
8 19	21 2.36	−19 1.4	1.624	2.618	5.3	21.8
8 29	20 53.59	−19 45.6	1.657	2.605	9.6	22.0
9 8	20 46.79	−20 18.0	1.714	2.591	13.5	22.2
262614 2006 VD_{150}			8 8.2 239°.32	1°.3/ 7.3	18	
6 30	21 41.08	−16 46.9	1.801	2.632	15.5	21.9
7 10	21 37.06	−17 19.0	1.709	2.620	12.2	21.7
7 20	21 30.52	−18 1.3	1.638	2.609	8.4	21.4
7 30	21 21.93	−18 49.6	1.592	2.597	4.1	21.2
8 9	21 12.14	−19 38.3	1.571	2.584	1.5	20.9
8 19	21 2.23	−20 21.5	1.578	2.571	5.6	21.2
8 29	20 53.39	−20 54.6	1.611	2.557	10.0	21.4
9 8	20 46.60	−21 15.2	1.668	2.543	13.9	21.6
128475 2004 PW_{1}			8 8.2 6°.94	2°.7/ 6.3	18	
6 30	21 34.25	−19 53.5	1.580	2.438	16.0	19.1
7 10	21 31.85	−20 33.0	1.512	2.439	12.5	18.9
7 20	21 26.95	−21 20.6	1.464	2.441	8.5	18.6
7 30	21 20.13	−22 10.7	1.440	2.445	4.4	18.4
8 9	21 12.32	−22 56.6	1.440	2.449	2.9	18.3
8 19	21 4.64	−23 32.7	1.465	2.454	6.5	18.6
8 29	20 58.20	−23 55.0	1.514	2.460	10.5	18.8
9 8	20 53.89	−24 2.1	1.586	2.467	14.2	19.1
404600 2013 WD_{27}			8 8.2 299°.84	3°.1/ 6.4	18	
6 30	21 39.33	−20 36.9	1.461	2.317	17.2	21.1
7 10	21 36.48	−21 10.5	1.368	2.294	13.7	20.8
7 20	21 30.61	−21 53.3	1.295	2.271	9.5	20.5
7 30	21 22.17	−22 39.7	1.243	2.248	5.0	20.2
8 9	21 12.12	−23 22.1	1.216	2.225	3.4	20.0
8 19	21 1.80	−23 53.6	1.214	2.203	7.5	20.2
8 29	20 52.75	−24 9.0	1.235	2.180	12.4	20.4
9 8	20 46.23	−24 6.9	1.276	2.158	16.9	20.6
240634 2005 AK_{21}			8 8.2 308°.22	3°.5/ 6.0	18	
6 30	21 38.09	−21 39.9	1.559	2.414	16.3	20.3
7 10	21 35.38	−22 17.2	1.461	2.386	13.0	20.0
7 20	21 29.80	−23 2.8	1.382	2.358	9.0	19.7
7 30	21 21.76	−23 51.1	1.326	2.329	5.0	19.4
8 9	21 12.16	−24 34.6	1.294	2.302	3.8	19.2
8 19	21 2.25	−25 6.5	1.288	2.274	7.6	19.4
8 29	20 53.47	−25 21.9	1.305	2.247	12.2	19.6
9 8	20 47.06	−25 19.0	1.343	2.220	16.5	19.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
517519 2014 QQ_{452}			8 8.2 275°.99	0°.7/ 8.8	18	
	h m	° ′			°	m
6 30	21 33.74	−11 26.2	2.641	3.448	11.8	21.9
7 10	21 30.34	−11 49.0	2.550	3.445	9.3	21.7
7 20	21 25.38	−12 21.2	2.481	3.442	6.5	21.6
7 30	21 19.22	−13 0.7	2.437	3.438	3.3	21.3
8 9	21 12.42	−13 44.4	2.422	3.435	0.7	21.1
8 19	21 5.61	−14 29.0	2.435	3.432	3.5	21.3
8 29	20 59.45	−15 11.0	2.476	3.429	6.6	21.5
9 8	20 54.53	−15 47.5	2.543	3.426	9.4	21.7
444702 2007 EG_{89}			8 8.2 74°.75	1°.1/ 9.2	18	
6 30	21 35.50	−10 5.2	2.276	3.083	13.4	21.0
7 10	21 31.85	−10 27.0	2.202	3.096	10.6	20.8
7 20	21 26.44	−11 0.1	2.150	3.110	7.4	20.7
7 30	21 19.73	−11 42.1	2.123	3.123	3.9	20.5
8 9	21 12.38	−12 29.4	2.123	3.136	1.1	20.3
8 19	21 5.12	−13 18.0	2.152	3.149	3.8	20.5
8 29	20 58.71	−14 3.9	2.208	3.162	7.2	20.7
9 8	20 53.77	−14 43.9	2.289	3.175	10.2	21.0
85043 4817 *P–L*			8 8.2 261°.65	3°.5/10.6	18	
6 30	21 37.12	− 4 55.1	1.704	2.508	17.3	19.8
7 10	21 33.98	− 4 59.9	1.612	2.499	14.2	19.5
7 20	21 28.43	− 5 23.5	1.539	2.489	10.6	19.3
7 30	21 20.92	− 6 5.6	1.488	2.479	6.6	19.0
8 9	21 12.26	− 7 2.8	1.462	2.469	3.6	18.8
8 19	21 3.46	− 8 10.2	1.462	2.459	5.4	18.9
8 29	20 55.65	− 9 20.9	1.488	2.448	9.4	19.1
9 8	20 49.81	−10 28.5	1.538	2.438	13.4	19.3
266294 2007 BW_{45}			8 8.2 228°.80	0°.7/ 8.7	18	
6 30	21 40.04	−11 42.1	1.966	2.779	15.0	21.6
7 10	21 35.96	−12 1.8	1.870	2.769	12.0	21.4
7 20	21 29.62	−12 33.9	1.796	2.758	8.4	21.2
7 30	21 21.45	−13 16.0	1.745	2.747	4.3	20.9
8 9	21 12.21	−14 3.9	1.722	2.735	0.8	20.6
8 19	21 2.86	−14 52.7	1.726	2.723	4.6	20.9
8 29	20 54.44	−15 37.6	1.757	2.710	8.8	21.1
9 8	20 47.82	−16 15.0	1.813	2.697	12.6	21.3
374919 2006 XB_{68}			8 8.2 209°.46	0°.8/ 7.6	18	
6 30	21 40.60	−15 28.6	2.001	2.823	14.5	21.7
7 10	21 36.35	−16 3.4	1.911	2.817	11.4	21.5
7 20	21 29.84	−16 48.4	1.843	2.811	7.8	21.2
7 30	21 21.53	−17 39.8	1.800	2.805	3.8	21.0
8 9	21 12.22	−18 32.4	1.785	2.798	1.0	20.7
8 19	21 2.84	−19 21.0	1.797	2.790	5.0	21.0
8 29	20 54.43	−20 1.1	1.836	2.782	9.0	21.2
9 8	20 47.85	−20 30.1	1.900	2.773	12.6	21.5
183138 2002 RY_{222}			8 8.2 24°.89	8°.8/ 4.2	17	
6 30	21 44.98	−35 10.0	1.375	2.234	17.9	19.0
7 10	21 40.81	−35 54.6	1.328	2.244	14.6	18.8
7 20	21 33.24	−36 31.5	1.299	2.256	11.4	18.6
7 30	21 23.17	−36 51.3	1.292	2.269	9.2	18.5
8 9	21 12.09	−36 46.6	1.307	2.283	9.1	18.6
8 19	21 1.61	−36 14.7	1.346	2.298	11.2	18.7
8 29	20 53.22	−35 17.6	1.407	2.313	14.2	19.0
9 8	20 47.85	−34 0.9	1.488	2.330	17.1	19.2
45968 2001 BG_{25}			8 8.2 72°.37	0°.9/ 7.4	18	
6 30	21 36.90	−14 19.8	1.775	2.608	15.5	18.7
7 10	21 33.60	−15 11.4	1.702	2.615	12.2	18.5
7 20	21 28.00	−16 15.8	1.650	2.621	8.3	18.3
7 30	21 20.62	−17 28.1	1.622	2.627	3.9	18.0
8 9	21 12.31	−18 41.8	1.621	2.634	1.1	17.8
8 19	21 4.06	−19 50.3	1.647	2.640	5.3	18.1
8 29	20 56.91	−20 48.1	1.698	2.647	9.4	18.4
9 8	20 51.69	−21 32.0	1.773	2.653	13.0	18.6
361516 2007 EO_{220}			8 8.2 33°.76	4°.9/12.7	18	
6 30	21 33.60	+ 0 42.8	2.262	3.026	14.7	21.1
7 10	21 30.44	+ 0 52.3	2.178	3.030	12.4	20.9
7 20	21 25.55	+ 0 45.0	2.113	3.034	9.7	20.8
7 30	21 19.34	+ 0 20.6	2.071	3.039	7.0	20.6
8 9	21 12.43	− 0 19.4	2.055	3.044	5.1	20.5
8 19	21 5.54	− 1 11.8	2.065	3.049	5.5	20.5
8 29	20 59.43	− 2 12.2	2.102	3.054	7.7	20.7
9 8	20 54.72	− 3 15.3	2.164	3.059	10.3	20.9
516013 2015 RY_{254}			8 8.2 249°.67	3°.5/11.6	18	
6 30	21 33.85	− 2 17.2	2.424	3.198	13.6	21.3
7 10	21 30.58	− 2 27.9	2.330	3.194	11.3	21.2
7 20	21 25.63	− 2 53.8	2.255	3.190	8.5	21.0
7 30	21 19.38	− 3 34.5	2.205	3.186	5.7	20.8
8 9	21 12.43	− 4 27.5	2.181	3.181	3.6	20.7
8 19	21 5.42	− 5 29.5	2.185	3.177	4.4	20.7
8 29	20 59.10	− 6 35.8	2.217	3.172	7.1	20.9
9 8	20 54.10	− 7 41.7	2.275	3.168	10.0	21.0

78895 2003 SH_{53} 8 8.2 22°.15 4°.0/10.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 39.07	− 8 40.5	1.392	2.222	19.2	18.0
7 10	21 35.71	− 7 52.0	1.327	2.230	15.6	17.8
7 20	21 29.62	− 7 17.7	1.280	2.239	11.4	17.6
7 30	21 21.44	− 6 58.2	1.254	2.249	7.0	17.4
8 9	21 12.25	− 6 52.0	1.252	2.259	4.0	17.2
8 19	21 3.27	− 6 56.3	1.275	2.271	6.1	17.4
8 29	20 55.74	− 7 7.1	1.322	2.283	10.2	17.7
9 8	20 50.57	− 7 19.8	1.390	2.296	14.1	17.9

353760 2012 CY_{23} 8 8.2 352°.14 2°.5/10.3 18

6 30	21 34.36	− 6 58.3	2.179	2.980	14.1	20.4
7 10	21 31.15	− 6 59.9	2.092	2.978	11.5	20.2
7 20	21 26.10	− 7 14.6	2.026	2.977	8.3	20.0
7 30	21 19.64	− 7 41.4	1.983	2.976	5.0	19.8
8 9	21 12.41	− 8 17.6	1.967	2.975	2.6	19.6
8 19	21 5.19	− 8 59.7	1.978	2.974	4.2	19.7
8 29	20 58.77	− 9 43.7	2.016	2.974	7.5	19.9
9 8	20 53.84	−10 25.4	2.079	2.973	10.7	20.1

386430 2008 VY_{21} 8 8.2 202°.18 0°.5/ 8.6 17

6 30	21 38.32	−12 10.4	2.104	2.918	14.1	22.3
7 10	21 34.37	−12 33.9	2.016	2.916	11.2	22.1
7 20	21 28.38	−13 8.7	1.949	2.913	7.8	21.9
7 30	21 20.78	−13 52.1	1.907	2.909	3.9	21.7
8 9	21 12.31	−14 40.0	1.892	2.906	0.5	21.4
8 19	21 3.81	−15 27.9	1.905	2.902	4.3	21.7
8 29	20 56.20	−16 11.4	1.946	2.898	8.1	21.9
9 8	20 50.25	−16 47.2	2.011	2.893	11.6	22.1

512423 2016 PG_{89} 8 8.2 295°.01 3°.8/ 5.4 18

6 30	21 39.06	−23 49.1	1.877	2.722	14.4	20.8
7 10	21 35.42	−24 33.5	1.794	2.713	11.3	20.5
7 20	21 29.34	−25 22.5	1.733	2.704	7.9	20.3
7 30	21 21.33	−26 10.2	1.696	2.695	4.7	20.1
8 9	21 12.27	−26 50.4	1.685	2.687	4.1	20.1
8 19	21 3.19	−27 17.9	1.700	2.678	7.0	20.2
8 29	20 55.22	−27 29.6	1.741	2.670	10.5	20.4
9 8	20 49.27	−27 25.2	1.804	2.662	13.8	20.6

386739 2010 AH_{65} 8 8.2 109°.66 2°.4/ 9.7 17

6 30	21 40.71	− 9 3.7	1.913	2.717	15.7	21.0
7 10	21 36.26	− 8 51.5	1.837	2.727	12.6	20.8
7 20	21 29.64	− 8 51.5	1.782	2.737	9.0	20.6
7 30	21 21.37	− 9 2.4	1.751	2.746	5.2	20.4
8 9	21 12.28	− 9 21.8	1.746	2.755	2.4	20.3
8 19	21 3.30	− 9 46.1	1.768	2.764	4.6	20.4
8 29	20 55.41	−10 11.6	1.817	2.773	8.3	20.7
9 8	20 49.38	−10 34.9	1.891	2.782	11.8	20.9

261493 2005 WT_{10} 8 8.2 45°.73 3°.4/ 5.6 18

6 30	21 37.60	−22 56.9	1.975	2.818	13.8	20.7
7 10	21 33.92	−23 43.9	1.910	2.828	10.8	20.5
7 20	21 28.08	−24 34.9	1.867	2.839	7.4	20.4
7 30	21 20.61	−25 24.6	1.849	2.849	4.3	20.2
8 9	21 12.35	−26 7.1	1.857	2.860	3.6	20.2
8 19	21 4.25	−26 38.2	1.892	2.872	6.3	20.4
8 29	20 57.25	−26 55.1	1.953	2.883	9.5	20.6
9 8	20 52.11	−26 57.4	2.037	2.895	12.5	20.8

126082 2001 YH_{90} 8 8.2 213°.73 1°.6/ 9.5 18

6 30	21 39.64	− 9 5.6	2.403	3.195	13.2	21.2
7 10	21 35.18	− 9 19.3	2.302	3.186	10.7	21.0
7 20	21 28.83	− 9 44.5	2.223	3.176	7.6	20.8
7 30	21 21.00	−10 19.5	2.170	3.166	4.2	20.6
8 9	21 12.31	−11 1.5	2.144	3.155	1.6	20.4
8 19	21 3.53	−11 46.7	2.147	3.143	3.9	20.5
8 29	20 55.49	−12 31.3	2.179	3.131	7.4	20.7
9 8	20 48.90	−13 11.7	2.237	3.118	10.6	20.9

478969 2012 XP_{96} 8 8.2 236°.11 1°.2/ 7.3 18

6 30	21 39.73	−17 52.1	2.144	2.970	13.5	22.0
7 10	21 35.51	−18 13.7	2.053	2.962	10.6	21.8
7 20	21 29.18	−18 42.3	1.984	2.953	7.2	21.6
7 30	21 21.20	−19 14.3	1.940	2.945	3.5	21.3
8 9	21 12.30	−19 45.4	1.924	2.936	1.4	21.1
8 19	21 3.36	−20 11.7	1.935	2.927	4.9	21.4
8 29	20 55.34	−20 30.0	1.973	2.917	8.6	21.6
9 8	20 49.03	−20 38.6	2.036	2.908	11.9	21.8

30570 2001 OO_{96} 8 8.2 288°.57 3°.4/10.1 18 R

6 30	21 38.75	− 7 48.1	1.627	2.443	17.5	18.3
7 10	21 35.45	− 7 26.6	1.533	2.428	14.4	18.1
7 20	21 29.57	− 7 19.7	1.457	2.413	10.6	17.8
7 30	21 21.55	− 7 27.3	1.403	2.397	6.4	17.5
8 9	21 12.25	− 7 47.5	1.374	2.382	3.5	17.3
8 19	21 2.77	− 8 16.8	1.370	2.367	5.7	17.4
8 29	20 54.34	− 8 50.4	1.392	2.351	10.0	17.6
9 8	20 48.02	− 9 23.2	1.436	2.336	14.2	17.8

338661 2003 ST_{349} 8 8.2 312°.42 3°.6/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 40.08	−23 4.1	1.713	2.560	15.4	20.7
7 10	21 36.40	−23 38.2	1.633	2.553	12.1	20.4
7 20	21 30.11	−24 17.2	1.574	2.547	8.4	20.2
7 30	21 21.74	−24 55.2	1.538	2.540	4.8	20.0
8 9	21 12.25	−25 26.0	1.529	2.534	3.8	19.9
8 19	21 2.80	−25 44.5	1.545	2.528	7.0	20.1
8 29	20 54.60	−25 47.8	1.586	2.522	10.9	20.3
9 8	20 48.60	−25 35.8	1.649	2.517	14.4	20.5

186833 2004 FF_{85} 8 8.2 177°.08 2°.9/ 6.0 17

6 30	21 41.64	−20 20.8	1.866	2.701	14.8	21.1
7 10	21 37.34	−21 14.7	1.789	2.703	11.6	20.9
7 20	21 30.59	−22 16.3	1.733	2.704	7.9	20.7
7 30	21 21.93	−23 19.6	1.702	2.705	4.3	20.5
8 9	21 12.24	−24 18.0	1.698	2.705	3.2	20.4
8 19	21 2.58	−25 5.4	1.722	2.705	6.4	20.6
8 29	20 54.07	−25 38.1	1.771	2.704	10.1	20.9
9 8	20 47.60	−25 54.8	1.844	2.703	13.5	21.1

508958 2004 TO_{149} 8 8.2 215°.21 0°.0/ 8.1 18

6 30	21 40.33	−14 19.2	2.210	3.023	13.6	22.8
7 10	21 35.90	−14 36.6	2.116	3.016	10.7	22.6
7 20	21 29.41	−15 2.9	2.044	3.008	7.4	22.4
7 30	21 21.30	−15 35.4	1.997	3.000	3.6	22.1
8 9	21 12.30	−16 10.3	1.978	2.992	0.3	21.8
8 19	21 3.24	−16 43.8	1.987	2.982	4.3	22.1
8 29	20 55.05	−17 12.3	2.024	2.973	8.1	22.4
9 8	20 48.49	−17 33.3	2.086	2.962	11.5	22.6

41543 2000 RU_{40} 8 8.2 170°.44 1°.0/ 7.6 18

6 30	21 44.88	−18 47.6	1.969	2.791	14.7	18.2
7 10	21 39.59	−18 46.7	1.888	2.794	11.5	18.0
7 20	21 31.96	−18 50.7	1.828	2.795	7.9	17.8
7 30	21 22.53	−18 56.4	1.793	2.797	3.8	17.6
8 9	21 12.20	−19 0.2	1.785	2.798	1.2	17.4
8 19	21 1.99	−18 59.0	1.806	2.799	5.0	17.6
8 29	20 52.96	−18 50.9	1.854	2.799	8.9	17.9
9 8	20 45.93	−18 35.3	1.926	2.800	12.4	18.1

220704 2004 RK_{325} 8 8.2 336°.65 10°.6/31.6 18

6 30	21 39.61	−39 41.0	1.626	2.478	15.9	18.8
7 10	21 36.87	−40 56.0	1.552	2.457	13.6	18.6
7 20	21 30.90	−42 3.9	1.499	2.438	11.6	18.4
7 30	21 22.29	−42 54.3	1.467	2.420	10.7	18.3
8 9	21 12.22	−43 18.1	1.457	2.402	11.2	18.3
8 19	21 2.19	−43 10.1	1.469	2.386	13.1	18.4
8 29	20 53.80	−42 29.7	1.502	2.371	15.7	18.5
9 8	20 48.23	−41 21.0	1.553	2.357	18.3	18.7

177436 2004 CA_{80} 8 8.2 162°.29 1°.2/ 7.3 17

6 30	21 41.98	−16 43.2	1.864	2.691	15.2	21.2
7 10	21 37.50	−17 17.3	1.787	2.696	11.9	21.0
7 20	21 30.64	−18 0.6	1.731	2.700	8.1	20.8
7 30	21 21.94	−18 48.9	1.699	2.704	3.9	20.6
8 9	21 12.27	−19 36.4	1.695	2.707	1.4	20.4
8 19	21 2.67	−20 18.0	1.718	2.710	5.3	20.7
8 29	20 54.21	−20 49.7	1.767	2.712	9.3	20.9
9 8	20 47.76	−21 9.4	1.841	2.714	12.9	21.2

60717 2000 GZ_{66} 8 8.2 55°.47 5°.7/ 5.5 18

6 30	21 45.07	−25 43.6	1.184	2.050	19.7	19.4
7 10	21 41.21	−26 29.3	1.131	2.061	15.5	19.2
7 20	21 33.76	−27 18.1	1.097	2.072	11.0	19.0
7 30	21 23.58	−28 0.5	1.084	2.083	6.9	18.8
8 9	21 12.13	−28 27.5	1.093	2.094	6.1	18.8
8 19	21 1.15	−28 33.1	1.126	2.106	9.4	19.0
8 29	20 52.26	−28 16.4	1.182	2.118	13.7	19.3
9 8	20 46.55	−27 40.0	1.257	2.130	17.6	19.6

246000 2006 SC_{334} 8 8.2 85°.64 0°.2/ 8.0 18

6 30	21 36.93	−14 10.8	2.050	2.875	14.1	20.7
7 10	21 33.32	−14 37.9	1.970	2.877	11.1	20.5
7 20	21 27.67	−15 15.1	1.911	2.878	7.6	20.2
7 30	21 20.45	−15 59.2	1.876	2.880	3.7	20.0
8 9	21 12.42	−16 45.6	1.869	2.882	0.4	19.7
8 19	21 4.41	−17 29.8	1.889	2.884	4.5	20.1
8 29	20 57.35	−18 7.7	1.935	2.886	8.3	20.3
9 8	20 51.96	−18 36.6	2.006	2.888	11.6	20.5

299144 2005 EG_{264} 8 8.2 30°.07 3°.6/ 6.2 18

6 30	21 41.51	−24 9.4	1.641	2.490	15.9	20.6
7 10	21 37.44	−24 31.3	1.576	2.496	12.5	20.4
7 20	21 30.70	−24 55.8	1.531	2.503	8.6	20.2
7 30	21 21.97	−25 17.2	1.510	2.511	4.9	20.0
8 9	21 12.29	−25 30.0	1.514	2.519	3.9	20.0
8 19	21 2.87	−25 30.2	1.543	2.527	6.9	20.2
8 29	20 54.89	−25 16.3	1.598	2.536	10.7	20.4
9 8	20 49.22	−24 49.2	1.675	2.545	14.1	20.7

69937 1998 UZ_{21} 8 8.2 360°.00 7°.6/ 3.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 37.65	−30 1.3	1.440	2.308	16.7	17.8
7 10	21 35.13	−31 16.5	1.379	2.306	13.5	17.6
7 20	21 29.56	−32 32.2	1.337	2.304	10.2	17.4
7 30	21 21.57	−33 38.7	1.317	2.304	7.8	17.3
8 9	21 12.33	−34 26.5	1.321	2.304	8.1	17.3
8 19	21 3.24	−34 49.4	1.348	2.306	10.6	17.4
8 29	20 55.75	−34 45.4	1.397	2.308	13.9	17.6
9 8	20 50.90	−34 16.9	1.465	2.311	17.1	17.9

509039 2005 SE_{87} 8 8.2 290°.14 1°.3/ 7.4 18

6 30	21 39.03	−16 48.0	1.594	2.437	16.6	22.3
7 10	21 35.92	−17 12.6	1.499	2.417	13.2	22.1
7 20	21 30.06	−17 48.6	1.423	2.396	9.1	21.8
7 30	21 21.89	−18 31.7	1.369	2.375	4.5	21.5
8 9	21 12.30	−19 16.2	1.341	2.354	1.5	21.2
8 19	21 2.46	−19 55.7	1.339	2.333	6.1	21.5
8 29	20 53.73	−20 25.2	1.361	2.312	11.0	21.7
9 8	20 47.26	−20 41.4	1.405	2.292	15.3	21.9

102140 1999 RS_{184} 8 8.2 302°.91 1°.5/ 7.3 18

6 30	21 36.33	−15 19.0	1.368	2.222	18.2	19.0
7 10	21 34.19	−16 2.9	1.281	2.205	14.4	18.7
7 20	21 29.09	−17 3.1	1.212	2.188	9.9	18.4
7 30	21 21.48	−18 15.0	1.166	2.172	4.8	18.0
8 9	21 12.34	−19 30.6	1.143	2.155	1.8	17.8
8 19	21 2.95	−20 40.9	1.145	2.139	6.8	18.1
8 29	20 54.82	−21 38.1	1.170	2.124	12.1	18.3
9 8	20 49.20	−22 17.7	1.216	2.109	16.7	18.5

513720 2012 TB_{4} 8 8.2 261°.74 3°.1/10.9 18 R

6 30	21 35.74	− 3 28.8	2.025	2.813	15.5	21.7
7 10	21 32.58	− 3 56.5	1.922	2.798	12.8	21.5
7 20	21 27.34	− 4 43.4	1.839	2.783	9.5	21.3
7 30	21 20.41	− 5 48.6	1.779	2.768	6.0	21.0
8 9	21 12.46	− 7 8.7	1.746	2.752	3.2	20.8
8 19	21 4.32	− 8 38.4	1.740	2.736	4.7	20.9
8 29	20 56.95	−10 10.6	1.762	2.720	8.4	21.1
9 8	20 51.19	−11 38.9	1.809	2.703	12.0	21.3

420370 2012 BQ_{111} 8 8.2 226°.20 0°.0/ 8.1 17

6 30	21 43.94	−14 55.8	1.655	2.481	16.8	21.8
7 10	21 39.50	−15 0.6	1.567	2.474	13.4	21.5
7 20	21 32.32	−15 15.8	1.498	2.466	9.3	21.3
7 30	21 22.92	−15 38.2	1.453	2.457	4.6	21.0
8 9	21 12.25	−16 3.3	1.434	2.448	0.4	20.6
8 19	21 1.51	−16 26.5	1.442	2.438	5.4	21.0
8 29	20 52.00	−16 43.6	1.475	2.428	10.2	21.2
9 8	20 44.76	−16 52.3	1.532	2.417	14.3	21.5

149919 2005 SR_{106} 8 8.2 279°.88 0°.7/ 7.6 18

6 30	21 37.29	−16 31.4	2.177	3.003	13.3	20.8
7 10	21 33.58	−16 51.8	2.087	2.996	10.5	20.5
7 20	21 27.87	−17 19.9	2.019	2.988	7.1	20.3
7 30	21 20.60	−17 52.6	1.976	2.980	3.5	20.1
8 9	21 12.47	−18 25.9	1.959	2.972	0.9	19.9
8 19	21 4.31	−18 55.8	1.971	2.965	4.5	20.1
8 29	20 57.02	−19 19.0	2.009	2.957	8.2	20.3
9 8	20 51.34	−19 33.6	2.072	2.949	11.5	20.5

287446 2002 XD_{64} 8 8.2 198°.89 3°.7/ 4.8 18

6 30	21 40.22	−25 56.6	2.542	3.370	11.6	21.5
7 10	21 35.65	−26 45.9	2.458	3.367	9.1	21.3
7 20	21 29.15	−27 37.1	2.399	3.363	6.5	21.1
7 30	21 21.18	−28 25.4	2.365	3.359	4.2	21.0
8 9	21 12.42	−29 5.8	2.360	3.355	4.0	21.0
8 19	21 3.67	−29 34.6	2.382	3.350	6.1	21.1
8 29	20 55.77	−29 49.6	2.432	3.344	8.7	21.2
9 8	20 49.41	−29 50.6	2.506	3.338	11.3	21.4

244969 2004 BA_{26} 8 8.2 264°.36 3°.9/11.4 18

6 30	21 35.89	− 2 48.6	2.109	2.891	15.1	21.2
7 10	21 32.57	− 2 49.3	2.008	2.877	12.6	21.0
7 20	21 27.26	− 3 6.5	1.926	2.863	9.6	20.7
7 30	21 20.35	− 3 40.3	1.867	2.849	6.4	20.5
8 9	21 12.49	− 4 28.6	1.834	2.835	4.1	20.3
8 19	21 4.49	− 5 27.9	1.829	2.821	5.0	20.4
8 29	20 57.24	− 6 32.9	1.850	2.806	8.2	20.5
9 8	20 51.54	− 7 38.2	1.896	2.791	11.5	20.7

140385 2001 TU_{49} 8 8.2 319°.22 2°.0/ 6.6 18

6 30	21 35.84	−18 1.5	1.880	2.721	14.5	19.7
7 10	21 32.84	−18 49.7	1.796	2.714	11.4	19.4
7 20	21 27.57	−19 47.5	1.734	2.707	7.7	19.2
7 30	21 20.53	−20 50.1	1.696	2.700	3.9	19.0
8 9	21 12.49	−21 51.4	1.684	2.694	2.3	18.8
8 19	21 4.40	−22 45.4	1.699	2.688	5.7	19.1
8 29	20 57.30	−23 27.4	1.739	2.682	9.6	19.3
9 8	20 52.05	−23 55.0	1.803	2.676	13.1	19.5

514281 2015 RK_{192} 8 8.2 350°.18 7°.6/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 42.97	−36 19.0	2.009	2.846	13.9	20.7
7 10	21 38.49	−37 8.0	1.941	2.843	11.5	20.5
7 20	21 31.41	−37 51.2	1.894	2.840	9.2	20.4
7 30	21 22.35	−38 21.5	1.871	2.837	7.7	20.3
8 9	21 12.34	−38 32.6	1.873	2.835	7.9	20.3
8 19	21 2.53	−38 21.5	1.900	2.834	9.6	20.4
8 29	20 54.10	−37 47.9	1.951	2.833	12.0	20.5
9 8	20 47.92	−36 54.8	2.023	2.832	14.4	20.7

181032 2005 OO_{12} 8 8.2 228°.76 0°.3/ 7.9 18

6 30	21 35.69	−13 20.1	2.329	3.146	12.8	20.3
7 10	21 32.20	−14 4.2	2.238	3.141	10.1	20.1
7 20	21 26.87	−14 59.1	2.170	3.136	6.9	19.9
7 30	21 20.11	−16 1.4	2.127	3.131	3.4	19.6
8 9	21 12.55	−17 6.8	2.112	3.125	0.5	19.4
8 19	21 4.93	−18 10.1	2.125	3.120	4.2	19.7
8 29	20 58.07	−19 7.0	2.166	3.114	7.7	19.9
9 8	20 52.65	−19 54.2	2.233	3.108	10.9	20.1

513768 2012 XP_{66} 8 8.2 267°.68 4°.1/11.4 18

6 30	21 36.05	− 2 53.3	2.001	2.787	15.7	22.1
7 10	21 32.79	− 2 50.0	1.904	2.776	13.1	21.9
7 20	21 27.46	− 3 3.7	1.826	2.765	9.9	21.7
7 30	21 20.47	− 3 34.5	1.771	2.754	6.6	21.4
8 9	21 12.51	− 4 20.4	1.742	2.743	4.2	21.3
8 19	21 4.43	− 5 17.6	1.739	2.731	5.2	21.3
8 29	20 57.16	− 6 20.9	1.763	2.720	8.4	21.5
9 8	20 51.54	− 7 24.5	1.811	2.709	11.9	21.7

320424 2007 VC_{64} 8 8.2 198°.22 4°.2/ 5.5 18

6 30	21 43.72	−23 17.6	1.679	2.521	15.9	20.9
7 10	21 39.38	−24 11.7	1.602	2.520	12.5	20.7
7 20	21 32.24	−25 11.7	1.546	2.517	8.7	20.4
7 30	21 22.88	−26 10.6	1.515	2.514	5.2	20.2
8 9	21 12.30	−27 0.7	1.509	2.511	4.5	20.2
8 19	21 1.75	−27 35.8	1.529	2.507	7.6	20.4
8 29	20 52.54	−27 52.5	1.575	2.503	11.5	20.6
9 8	20 45.70	−27 50.7	1.642	2.499	15.1	20.8

480264 2015 HB_{76} 8 8.2 88°.56 2°.5/ 6.5 17

6 30	21 41.22	−20 5.7	1.791	2.629	15.2	21.4
7 10	21 36.93	−20 44.4	1.728	2.643	11.9	21.2
7 20	21 30.24	−21 29.6	1.685	2.657	8.1	21.0
7 30	21 21.75	−22 15.8	1.667	2.670	4.2	20.8
8 9	21 12.41	−22 57.1	1.675	2.684	2.7	20.7
8 19	21 3.27	−23 28.7	1.710	2.697	6.0	21.0
8 29	20 55.41	−23 47.6	1.771	2.710	9.7	21.2
9 8	20 49.61	−23 52.9	1.855	2.723	13.0	21.5

95602 2002 FB_{29} 8 8.2 22°.81 13°.7/29.9 18

6 30	21 53.48	−53 14.6	1.860	2.654	16.4	18.4
7 10	21 47.79	−54 32.0	1.824	2.661	15.0	18.4
7 20	21 38.18	−55 30.5	1.807	2.670	14.0	18.3
7 30	21 25.69	−55 59.9	1.809	2.679	13.7	18.3
8 9	21 12.08	−55 53.7	1.832	2.688	14.0	18.4
8 19	20 59.30	−55 10.5	1.874	2.698	15.0	18.5
8 29	20 49.06	−53 54.0	1.936	2.709	16.3	18.6
9 8	20 42.35	−52 11.4	2.016	2.720	17.7	18.7

58408 1995 XU 8 8.2 288°.11 1°.2/ 8.9 18 R

6 30	21 38.38	−11 20.1	1.560	2.392	17.4	19.7
7 10	21 35.48	−11 29.6	1.459	2.368	14.1	19.4
7 20	21 29.84	−11 54.5	1.377	2.344	10.0	19.1
7 30	21 21.86	−12 32.9	1.318	2.320	5.3	18.8
8 9	21 12.38	−13 20.6	1.283	2.296	1.2	18.4
8 19	21 2.56	−14 11.7	1.273	2.271	5.5	18.7
8 29	20 53.77	−15 0.0	1.288	2.247	10.7	18.9
9 8	20 47.18	−15 40.2	1.325	2.223	15.3	19.1

428131 2006 SM_{73} 8 8.2 331°.43 2°.3/ 6.9 17

6 30	21 34.82	−17 58.0	1.172	2.045	19.4	20.7
7 10	21 33.41	−18 27.7	1.095	2.030	15.4	20.4
7 20	21 28.77	−19 10.7	1.035	2.016	10.6	20.1
7 30	21 21.41	−20 1.6	0.995	2.002	5.3	19.7
8 9	21 12.43	−20 52.1	0.978	1.990	2.6	19.5
8 19	21 3.32	−21 33.9	0.983	1.978	7.6	19.8
8 29	20 55.74	−22 0.6	1.010	1.968	13.0	20.1
9 8	20 51.00	−22 9.2	1.056	1.959	17.9	20.3

185468 2007 BR_{42} 8 8.2 306°.30 0°.2/ 8.4 18

6 30	21 34.11	−11 28.9	2.105	2.925	13.9	19.9
7 10	21 31.19	−12 13.6	2.013	2.917	11.0	19.7
7 20	21 26.31	−13 11.7	1.943	2.909	7.6	19.5
7 30	21 19.88	−14 20.1	1.898	2.901	3.8	19.3
8 9	21 12.58	−15 33.8	1.880	2.894	0.3	19.0
8 19	21 5.20	−16 47.3	1.890	2.886	4.3	19.3
8 29	20 58.61	−17 55.0	1.927	2.879	8.2	19.5
9 8	20 53.59	−18 52.7	1.988	2.872	11.6	19.7

238191 2003 SM_{294} 8 8.2 295°.51 8°.0/ 1.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 41.10	−32 40.8	1.781	2.630	14.8	20.2
7 10	21 37.75	−34 4.9	1.691	2.604	12.2	20.0
7 20	21 31.46	−35 30.2	1.621	2.577	9.7	19.7
7 30	21 22.67	−36 47.5	1.576	2.551	8.1	19.6
8 9	21 12.32	−37 47.1	1.555	2.524	8.6	19.6
8 19	21 1.69	−38 21.9	1.558	2.497	11.0	19.6
8 29	20 52.27	−38 28.4	1.585	2.470	14.1	19.8
9 8	20 45.27	−38 8.1	1.631	2.444	17.1	19.9

346767 2009 BS_{74} 8 8.2 288°.94 2°.8/ 6.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 40.53	−21 52.8	1.866	2.706	14.7	21.1
7 10	21 36.51	−22 20.7	1.785	2.701	11.5	20.9
7 20	21 30.07	−22 53.5	1.726	2.697	7.9	20.7
7 30	21 21.75	−23 26.3	1.690	2.693	4.3	20.5
8 9	21 12.43	−23 53.7	1.681	2.689	3.0	20.4
8 19	21 3.15	−24 11.1	1.699	2.685	6.2	20.6
8 29	20 55.01	−24 16.0	1.743	2.681	9.9	20.8
9 8	20 48.90	−24 7.8	1.809	2.677	13.4	21.0

181813 1998 RC_{33} 8 8.2 329°.16 2°.2/ 9.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 33.30	− 7 47.9	1.315	2.157	19.5	19.8
7 10	21 31.72	− 8 8.1	1.233	2.145	15.8	19.6
7 20	21 27.34	− 8 50.7	1.168	2.134	11.4	19.3
7 30	21 20.62	− 9 54.0	1.124	2.124	6.4	19.0
8 9	21 12.52	−11 12.5	1.103	2.115	2.3	18.7
8 19	21 4.27	−12 38.0	1.106	2.106	5.8	18.9
8 29	20 57.28	−14 1.0	1.132	2.098	11.0	19.2
9 8	20 52.67	−15 13.6	1.179	2.091	15.7	19.4

188961 2007 ES_{211} 8 8.2 42°.56 2°.9/10.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 34.29	− 4 41.5	2.273	3.062	14.0	20.5
7 10	21 31.04	− 4 52.3	2.187	3.064	11.4	20.3
7 20	21 26.03	− 5 17.6	2.122	3.066	8.4	20.1
7 30	21 19.68	− 5 56.5	2.080	3.068	5.3	20.0
8 9	21 12.62	− 6 46.1	2.065	3.071	3.0	19.8
8 19	21 5.56	− 7 42.6	2.078	3.073	4.2	19.9
8 29	20 59.27	− 8 41.5	2.118	3.076	7.2	20.1
9 8	20 54.40	− 9 38.3	2.184	3.078	10.3	20.3

480992 2004 BD_{144} 8 8.2 10°.91 0°.5/ 8.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 41.72	−15 22.1	1.793	2.619	15.7	21.4
7 10	21 37.35	−15 2.2	1.713	2.620	12.5	21.2
7 20	21 30.58	−14 49.6	1.654	2.621	8.6	21.0
7 30	21 21.97	−14 42.1	1.619	2.622	4.3	20.7
8 9	21 12.43	−14 37.2	1.610	2.624	0.6	20.4
8 19	21 3.00	−14 32.1	1.629	2.626	4.8	20.8
8 29	20 54.76	−14 24.6	1.673	2.628	9.0	21.0
9 8	20 48.56	−14 13.2	1.741	2.631	12.7	21.3

280045 2002 AN_{61} 8 8.2 116°.15 1°.2/ 9.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 39.42	− 9 55.7	1.989	2.797	15.0	21.1
7 10	21 35.23	−10 21.4	1.917	2.811	12.0	20.9
7 20	21 28.96	−11 0.2	1.866	2.825	8.4	20.7
7 30	21 21.13	−11 49.4	1.839	2.838	4.4	20.5
8 9	21 12.52	−12 44.4	1.839	2.852	1.2	20.3
8 19	21 4.02	−13 40.4	1.867	2.864	4.3	20.5
8 29	20 56.55	−14 32.6	1.922	2.876	8.1	20.8
9 8	20 50.83	−15 17.2	2.002	2.888	11.4	21.0

184536 2005 QV_{30} 8 8.2 312°.14 1°.9/ 9.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 34.53	− 6 48.7	2.114	2.915	14.5	20.5
7 10	21 31.43	− 7 21.7	2.025	2.914	11.7	20.3
7 20	21 26.43	− 8 10.4	1.958	2.912	8.4	20.1
7 30	21 19.93	− 9 12.7	1.915	2.911	4.8	19.8
8 9	21 12.62	−10 24.6	1.899	2.910	1.9	19.6
8 19	21 5.27	−11 40.8	1.910	2.908	4.1	19.8
8 29	20 58.73	−12 55.5	1.949	2.907	7.7	20.0
9 8	20 53.72	−14 3.8	2.014	2.906	11.1	20.2

305061 2007 UA_{80} 8 8.2 319°.23 1°.1/ 7.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 37.80	−16 54.0	1.769	2.608	15.4	20.9
7 10	21 34.49	−17 15.8	1.686	2.601	12.1	20.6
7 20	21 28.77	−17 46.9	1.622	2.594	8.3	20.4
7 30	21 21.16	−18 23.4	1.583	2.588	4.0	20.1
8 9	21 12.51	−19 0.2	1.569	2.582	1.3	19.9
8 19	21 3.84	−19 32.4	1.581	2.576	5.4	20.2
8 29	20 56.26	−19 55.9	1.620	2.570	9.6	20.4
9 8	20 50.66	−20 8.4	1.681	2.565	13.4	20.6

216695 2004 QY_{4} 8 8.2 30°.11 11°.3/18.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 33.11	+14 52.3	1.076	1.834	27.9	19.8
7 10	21 32.05	+14 31.4	1.005	1.837	24.8	19.6
7 20	21 27.82	+13 19.2	0.945	1.840	21.0	19.3
7 30	21 20.94	+11 8.6	0.900	1.843	16.7	19.1
8 9	21 12.54	+ 8 0.6	0.874	1.847	12.8	18.9
8 19	21 4.07	+ 4 7.2	0.871	1.851	11.3	18.8
8 29	20 57.15	− 0 9.1	0.891	1.856	13.3	19.0
9 8	20 53.05	− 4 21.9	0.935	1.861	17.3	19.2

439088 2011 QB_{16} 8 8.2 18°.99 2°.0/ 6.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 36.69	−18 35.7	1.441	2.298	17.3	20.9
7 10	21 33.98	−19 4.5	1.378	2.304	13.5	20.7
7 20	21 28.56	−19 42.5	1.334	2.311	9.2	20.5
7 30	21 21.07	−20 24.3	1.313	2.319	4.5	20.2
8 9	21 12.55	−21 3.3	1.317	2.328	2.3	20.1
8 19	21 4.22	−21 33.9	1.345	2.338	6.3	20.4
8 29	20 57.31	−21 52.0	1.397	2.348	10.7	20.7
9 8	20 52.73	−21 56.2	1.470	2.359	14.6	20.9

17738 1998 BS_{15} 8 8.2 254°.00 1°.8/ 7.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 44.66	−19 2.8	1.658	2.492	16.4	17.2
7 10	21 40.29	−19 19.0	1.563	2.476	13.1	16.9
7 20	21 33.04	−19 42.8	1.489	2.460	9.0	16.6
7 30	21 23.41	−20 10.0	1.438	2.442	4.5	16.3
8 9	21 12.36	−20 34.8	1.413	2.425	2.0	16.1
8 19	21 1.14	−20 52.1	1.415	2.407	6.2	16.3
8 29	20 51.12	−20 58.2	1.442	2.388	10.9	16.6
9 8	20 43.45	−20 51.9	1.492	2.369	15.1	16.8

53673 2000 DT_{71} 8 8.2 0°.74 1°.4/ 7.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 36.05	−17 46.5	1.139	2.011	19.9	18.0
7 10	21 34.24	−17 53.2	1.074	2.008	15.7	17.7
7 20	21 29.18	−18 10.8	1.027	2.007	10.7	17.4
7 30	21 21.53	−18 34.6	1.000	2.006	5.2	17.1
8 9	21 12.53	−18 58.1	0.994	2.007	1.6	16.9
8 19	21 3.68	−19 15.1	1.012	2.010	6.8	17.3
8 29	20 56.52	−19 21.3	1.052	2.013	12.2	17.6
9 8	20 52.19	−19 14.8	1.111	2.018	16.8	17.8

149006 2002 AS_{16} 8 8.2 145°.68 2°.1/ 6.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 38.64	−20 58.9	2.463	3.289	12.0	20.3
7 10	21 34.35	−21 33.1	2.385	3.294	9.3	20.1
7 20	21 28.24	−22 11.5	2.331	3.299	6.3	19.9
7 30	21 20.77	−22 50.3	2.302	3.304	3.4	19.7
8 9	21 12.61	−23 25.2	2.301	3.309	2.3	19.7
8 19	21 4.52	−23 52.7	2.329	3.313	4.9	19.8
8 29	20 57.28	−24 10.5	2.384	3.317	7.9	20.0
9 8	20 51.54	−24 17.6	2.464	3.321	10.6	20.2

198508 2004 XY_{81} 8 8.2 241°.42 5°.3/ 3.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 38.84	−25 23.0	1.912	2.758	14.1	20.0
7 10	21 35.39	−26 57.1	1.834	2.752	11.1	19.8
7 20	21 29.48	−28 37.3	1.779	2.747	8.0	19.6
7 30	21 21.59	−30 15.5	1.749	2.741	5.6	19.5
8 9	21 12.54	−31 43.0	1.746	2.735	5.8	19.5
8 19	21 3.40	−32 52.6	1.770	2.729	8.4	19.6
8 29	20 55.31	−33 40.1	1.818	2.723	11.6	19.8
9 8	20 49.24	−34 5.0	1.888	2.717	14.5	20.0

491665 2012 TO_{304} 8 8.2 284°.13 0°.4/ 8.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 36.97	−12 18.9	1.810	2.637	15.6	21.3
7 10	21 33.82	−12 44.1	1.719	2.626	12.4	21.1
7 20	21 28.35	−13 22.7	1.649	2.616	8.6	20.9
7 30	21 21.01	−14 11.8	1.602	2.605	4.4	20.6
8 9	21 12.59	−15 6.6	1.581	2.595	0.4	20.3
8 19	21 4.07	−16 1.6	1.587	2.584	4.8	20.6
8 29	20 56.51	−16 51.3	1.618	2.574	9.2	20.8
9 8	20 50.83	−17 31.7	1.674	2.563	13.1	21.0

413754 2006 DK_{26} 8 8.2 100°.90 0°.9/ 8.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 41.34	−11 14.0	1.396	2.230	19.0	21.9
7 10	21 37.67	−11 35.3	1.330	2.239	15.1	21.7
7 20	21 31.15	−12 13.3	1.281	2.249	10.5	21.5
7 30	21 22.39	−13 4.3	1.255	2.258	5.4	21.2
8 9	21 12.49	−14 2.2	1.254	2.267	0.9	20.9
8 19	21 2.74	−14 59.9	1.278	2.276	5.6	21.3
8 29	20 54.46	−15 51.0	1.326	2.285	10.5	21.6
9 8	20 48.67	−16 30.9	1.397	2.293	14.8	21.9

156352 2001 XF_{184} 8 8.2 276°.42 1°.9/ 9.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 38.30	− 9 41.6	1.764	2.581	16.3	20.1
7 10	21 34.98	− 9 45.6	1.666	2.565	13.2	19.8
7 20	21 29.24	−10 3.8	1.589	2.549	9.5	19.6
7 30	21 21.50	−10 35.0	1.534	2.533	5.3	19.3
8 9	21 12.56	−11 15.7	1.504	2.516	1.9	19.0
8 19	21 3.43	−12 1.2	1.501	2.500	5.0	19.2
8 29	20 55.26	−12 46.2	1.524	2.483	9.4	19.4
9 8	20 49.03	−13 26.0	1.571	2.466	13.5	19.6

249357 2008 YW_{34} 8 8.2 134°.13 4°.8/10.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 54.38	− 7 9.0	1.773	2.548	17.8	20.1
7 10	21 47.13	− 5 57.5	1.696	2.563	14.6	19.9
7 20	21 37.19	− 4 56.5	1.639	2.577	10.9	19.7
7 30	21 25.22	− 4 7.4	1.607	2.590	7.1	19.5
8 9	21 12.27	− 3 31.0	1.603	2.603	4.8	19.4
8 19	20 59.56	− 3 6.5	1.628	2.615	6.3	19.5
8 29	20 48.29	− 2 52.1	1.681	2.626	9.8	19.8
9 8	20 39.39	− 2 44.8	1.759	2.636	13.2	20.0

54110 2000 HA_{11} 8 8.2 328°.15 1°.3/ 7.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 37.34	−17 6.5	1.903	2.738	14.6	19.5
7 10	21 33.94	−17 39.2	1.821	2.735	11.4	19.3
7 20	21 28.31	−18 20.8	1.761	2.733	7.8	19.1
7 30	21 20.94	−19 7.4	1.725	2.730	3.8	18.8
8 9	21 12.63	−19 53.6	1.716	2.728	1.5	18.7
8 19	21 4.32	−20 34.4	1.733	2.725	5.2	18.9
8 29	20 57.03	−21 5.8	1.776	2.723	9.1	19.1
9 8	20 51.58	−21 25.5	1.843	2.721	12.7	19.4

469511 2003 OX_{13} 8 8.2 2°.07 4°.2/ 7.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	22 12.98	−22 13.6	1.093	1.915	23.9	18.5
7 10	22 3.54	−19 2.1	1.010	1.911	19.5	18.2
7 20	21 49.33	−15 29.9	0.948	1.910	13.9	17.9
7 30	21 31.39	−11 41.0	0.911	1.911	7.7	17.6
8 9	21 11.78	− 7 48.0	0.905	1.914	4.3	17.4
8 19	20 52.97	− 4 9.1	0.929	1.919	9.0	17.7
8 29	20 37.28	− 0 59.1	0.982	1.926	14.9	18.0
9 8	20 26.05	+ 1 36.1	1.058	1.936	19.9	18.4

10016 Yugan 8 8.2 306°.37 1°.1/ 7.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 40.07	−17 35.5	1.486	2.333	17.4	17.7
7 10	21 36.89	−17 42.2	1.398	2.318	13.8	17.4
7 20	21 30.81	−17 58.1	1.330	2.304	9.5	17.2
7 30	21 22.35	−18 19.3	1.284	2.289	4.7	16.8
8 9	21 12.50	−18 40.5	1.262	2.275	1.3	16.6
8 19	21 2.53	−18 56.6	1.265	2.261	6.1	16.9
8 29	20 53.84	−19 3.7	1.293	2.248	11.1	17.1
9 8	20 47.58	−18 59.7	1.342	2.235	15.5	17.3

170935 2005 AB_{25} 8 8.2 211°.44 2°.7/ 6.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 42.02	−19 3.4	1.713	2.550	15.9	20.6
7 10	21 38.02	−19 59.0	1.630	2.546	12.5	20.3
7 20	21 31.35	−21 4.7	1.568	2.540	8.5	20.1
7 30	21 22.54	−22 14.6	1.531	2.534	4.4	19.8
8 9	21 12.49	−23 21.2	1.519	2.528	3.0	19.7
8 19	21 2.37	−24 17.3	1.535	2.521	6.6	19.9
8 29	20 53.43	−24 58.0	1.576	2.513	10.8	20.2
9 8	20 46.70	−25 21.5	1.640	2.505	14.6	20.4

238237 2003 UV_{220} 8 8.2 180°.87 5°.1/ 4.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 45.18	−29 45.2	2.173	3.002	13.2	20.6
7 10	21 39.88	−30 24.8	2.097	3.003	10.6	20.5
7 20	21 32.23	−31 3.2	2.044	3.004	7.8	20.3
7 30	21 22.81	−31 34.4	2.017	3.004	5.5	20.2
8 9	21 12.49	−31 53.0	2.016	3.003	5.4	20.1
8 19	21 2.31	−31 55.5	2.042	3.003	7.4	20.3
8 29	20 53.32	−31 40.8	2.095	3.002	10.2	20.4
9 8	20 46.32	−31 10.5	2.171	3.000	12.9	20.6

103873 2000 DD_{46} 8 8.2 351°.99 2°.3/ 9.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 35.44	− 8 23.7	1.706	2.527	16.6	19.3
7 10	21 32.63	− 8 29.4	1.624	2.524	13.4	19.0
7 20	21 27.52	− 8 50.8	1.562	2.522	9.6	18.8
7 30	21 20.59	− 9 26.3	1.523	2.520	5.5	18.6
8 9	21 12.67	−10 12.2	1.508	2.519	2.3	18.4
8 19	21 4.73	−11 3.5	1.519	2.518	4.8	18.5
8 29	20 57.85	−11 54.6	1.556	2.517	9.0	18.8
9 8	20 52.87	−12 40.6	1.616	2.517	12.8	19.0

72187 2000 YM_{120} 8 8.2 214°.02 3°.4/ 6.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 43.04	−21 37.2	1.669	2.511	16.0	19.4
7 10	21 38.88	−22 23.4	1.590	2.507	12.6	19.2
7 20	21 31.97	−23 16.9	1.531	2.502	8.7	18.9
7 30	21 22.84	−24 11.2	1.496	2.498	4.8	18.7
8 9	21 12.48	−24 59.1	1.486	2.492	3.7	18.6
8 19	21 2.12	−25 34.3	1.503	2.487	7.1	18.8
8 29	20 53.05	−25 53.3	1.546	2.481	11.2	19.0
9 8	20 46.30	−25 55.2	1.610	2.474	14.9	19.2

139734 2001 QM_{258} 8 8.2 311°.71 2°.3/ 6.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 37.37	−19 33.6	1.906	2.746	14.4	19.1
7 10	21 34.04	−20 11.7	1.822	2.739	11.3	18.9
7 20	21 28.43	−20 57.3	1.759	2.732	7.7	18.7
7 30	21 21.03	−21 45.7	1.721	2.725	4.0	18.4
8 9	21 12.63	−22 31.3	1.709	2.718	2.5	18.3
8 19	21 4.21	−23 9.0	1.723	2.712	5.8	18.5
8 29	20 56.80	−23 34.9	1.764	2.705	9.6	18.7
9 8	20 51.26	−23 47.3	1.827	2.699	13.1	18.9

252672 2002 AU_{55} 8 8.2 181°.64 0°.7/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 37.10	−11 43.9	2.747	3.546	11.6	22.0
7 10	21 32.93	−12 0.6	2.657	3.547	9.2	21.8
7 20	21 27.20	−12 25.7	2.588	3.547	6.4	21.6
7 30	21 20.27	−12 57.4	2.547	3.547	3.3	21.4
8 9	21 12.71	−13 32.8	2.533	3.546	0.7	21.2
8 19	21 5.15	−14 8.8	2.549	3.545	3.4	21.4
8 29	20 58.26	−14 42.6	2.593	3.544	6.4	21.6
9 8	20 52.61	−15 11.5	2.664	3.542	9.2	21.8

478055 2011 TU_{7} 8 8.2 293°.40 3°.1/10.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 34.86	− 5 3.2	1.942	2.742	15.6	21.7
7 10	21 32.02	− 5 13.4	1.842	2.726	12.9	21.5
7 20	21 27.07	− 5 40.7	1.761	2.709	9.6	21.2
7 30	21 20.40	− 6 24.6	1.703	2.693	6.0	21.0
8 9	21 12.69	− 7 22.2	1.670	2.677	3.2	20.8
8 19	21 4.82	− 8 29.0	1.665	2.661	4.8	20.8
8 29	20 57.75	− 9 39.0	1.685	2.645	8.5	21.0
9 8	20 52.35	−10 46.3	1.730	2.629	12.2	21.2

385600 2005 EH_{112} 8 8.2 182°.91 2°.7/10.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 36.41	− 4 0.9	2.208	2.991	14.5	21.6
7 10	21 32.83	− 4 31.7	2.118	2.992	11.8	21.4
7 20	21 27.36	− 5 19.4	2.048	2.992	8.7	21.2
7 30	21 20.44	− 6 22.5	2.002	2.991	5.4	21.0
8 9	21 12.70	− 7 37.2	1.984	2.991	2.8	20.9
8 19	21 4.92	− 8 58.6	1.994	2.990	4.2	21.0
8 29	20 57.93	−10 20.8	2.032	2.989	7.5	21.2
9 8	20 52.43	−11 38.4	2.096	2.987	10.8	21.4

474374 2002 RP_{254} 8 8.2 312°.37 0°.0/ 8.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 37.15	−14 49.1	1.669	2.508	16.2	21.8
7 10	21 34.29	−14 54.8	1.572	2.487	12.9	21.5
7 20	21 28.89	−15 11.1	1.495	2.466	9.0	21.2
7 30	21 21.39	−15 35.5	1.441	2.446	4.5	20.9
8 9	21 12.61	−16 3.7	1.412	2.426	0.4	20.6
8 19	21 3.65	−16 31.0	1.409	2.406	5.3	20.9
8 29	20 55.71	−16 52.9	1.430	2.387	10.0	21.1
9 8	20 49.84	−17 6.3	1.474	2.369	14.2	21.3

477565 2010 GX_{126} 8 8.2 341°.69 4°.3/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 35.37	−21 58.2	1.612	2.470	15.7	20.5
7 10	21 32.98	−23 12.8	1.536	2.463	12.3	20.2
7 20	21 27.99	−24 36.4	1.482	2.458	8.6	20.0
7 30	21 20.91	−26 1.4	1.451	2.452	5.1	19.8
8 9	21 12.66	−27 19.2	1.446	2.448	4.7	19.8
8 19	21 4.37	−28 22.1	1.465	2.443	7.9	19.9
8 29	20 57.27	−29 5.0	1.509	2.440	11.7	20.1
9 8	20 52.35	−29 26.3	1.574	2.437	15.3	20.4

50221 2000 AQ_{238} 8 8.2 241°.21 1°.9/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 41.75	−18 11.5	1.892	2.721	14.9	19.5
7 10	21 37.64	−18 51.5	1.796	2.707	11.8	19.3
7 20	21 31.04	−19 41.0	1.722	2.692	8.1	19.0
7 30	21 22.40	−20 35.3	1.673	2.677	4.1	18.7
8 9	21 12.56	−21 28.4	1.650	2.661	2.2	18.6
8 19	21 2.54	−22 14.3	1.655	2.644	5.8	18.8
8 29	20 53.52	−22 48.6	1.686	2.627	10.0	19.0
9 8	20 46.47	−23 9.0	1.741	2.610	13.7	19.2

67114 2000 AT_{115} 8 8.2 104°.78 3°.5/11.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 36.13	− 3 58.6	2.506	3.281	13.2	18.7
7 10	21 32.28	− 3 44.7	2.421	3.287	10.8	18.6
7 20	21 26.80	− 3 43.0	2.357	3.292	8.2	18.4
7 30	21 20.10	− 3 53.3	2.317	3.298	5.4	18.3
8 9	21 12.76	− 4 14.1	2.304	3.303	3.6	18.1
8 19	21 5.45	− 4 43.0	2.318	3.308	4.4	18.2
8 29	20 58.86	− 5 16.7	2.361	3.313	6.9	18.4
9 8	20 53.60	− 5 51.8	2.429	3.318	9.5	18.6

298640 2004 BQ_{77} 8 8.2 265°.37 0°.1/ 8.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 39.03	−15 4.9	2.020	2.844	14.3	21.2
7 10	21 35.16	−15 16.4	1.929	2.835	11.3	21.0
7 20	21 29.12	−15 36.6	1.858	2.826	7.8	20.8
7 30	21 21.36	−16 3.0	1.813	2.816	3.8	20.5
8 9	21 12.65	−16 31.5	1.794	2.807	0.4	20.2
8 19	21 3.88	−16 58.3	1.802	2.798	4.6	20.5
8 29	20 56.05	−17 19.7	1.837	2.789	8.6	20.7
9 8	20 49.97	−17 33.5	1.896	2.779	12.1	20.9

400686 2009 QR_{30} 8 8.2 309°.21 1°.8/ 9.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 39.98	−12 16.0	2.109	2.919	14.2	20.5
7 10	21 35.89	−11 44.8	2.001	2.896	11.5	20.2
7 20	21 29.64	−11 20.6	1.915	2.874	8.2	20.0
7 30	21 21.65	−11 2.8	1.853	2.851	4.6	19.7
8 9	21 12.63	−10 50.0	1.817	2.829	1.8	19.5
8 19	21 3.44	−10 40.5	1.810	2.807	4.5	19.6
8 29	20 55.07	−10 32.2	1.830	2.785	8.3	19.8
9 8	20 48.37	−10 23.3	1.874	2.763	11.9	20.0

59739 1999 LP_{8} 8 8.2 322°.42 5°.1/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 34.77	−21 5.0	1.477	2.340	16.6	18.3
7 10	21 32.88	−22 52.7	1.399	2.329	13.1	18.0
7 20	21 28.19	−24 54.4	1.341	2.318	9.1	17.8
7 30	21 21.14	−27 0.7	1.307	2.307	5.7	17.6
8 9	21 12.66	−28 59.8	1.298	2.297	5.8	17.5
8 19	21 3.98	−30 40.7	1.314	2.287	9.2	17.7
8 29	20 56.52	−31 55.7	1.354	2.278	13.3	17.9
9 8	20 51.45	−32 42.4	1.414	2.269	17.1	18.1

100819 1998 FX_{133} 8 8.3 54.°64 0.°1/ 8.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 38.54	−13 29.9	1.841	2.667	15.4	19.9
7 10	21 34.62	−13 51.7	1.784	2.691	12.0	19.7
7 20	21 28.57	−14 24.1	1.748	2.715	8.2	19.6
7 30	21 20.97	−15 3.5	1.736	2.740	4.0	19.4
8 9	21 12.70	−15 45.2	1.750	2.764	0.3	19.1
8 19	21 4.67	−16 24.6	1.792	2.789	4.5	19.5
8 29	20 57.80	−16 57.9	1.860	2.814	8.3	19.8
9 8	20 52.79	−17 22.4	1.952	2.838	11.7	20.0

360927 2005 TO_{61} 8 8.3 318.°42 5.°0/ 4.8 18

6 30	21 40.64	−28 19.1	1.948	2.792	14.0	20.5
7 10	21 36.69	−28 56.5	1.866	2.782	11.1	20.3
7 20	21 30.28	−29 34.3	1.806	2.772	8.1	20.1
7 30	21 21.96	−30 6.2	1.771	2.763	5.6	19.9
8 9	21 12.61	−30 26.5	1.761	2.754	5.3	19.9
8 19	21 3.30	−30 30.9	1.777	2.745	7.7	20.0
8 29	20 55.15	−30 17.9	1.818	2.737	10.8	20.2
9 8	20 49.06	−29 48.4	1.882	2.729	13.8	20.3

335520 2005 YT_{241} 8 8.3 71.°40 3.°2/ 6.1 17

6 30	21 40.20	−20 55.0	1.653	2.499	15.9	21.0
7 10	21 36.51	−21 44.0	1.586	2.506	12.5	20.8
7 20	21 30.22	−22 40.2	1.539	2.512	8.5	20.6
7 30	21 21.93	−23 37.4	1.516	2.519	4.6	20.4
8 9	21 12.62	−24 28.5	1.518	2.525	3.5	20.4
8 19	21 3.44	−25 7.5	1.547	2.532	6.8	20.6
8 29	20 55.58	−25 30.9	1.600	2.538	10.7	20.8
9 8	20 49.93	−25 37.9	1.676	2.545	14.2	21.1

435618 2008 SW_{104} 8 8.3 341.°22 5.°3/11.7 16

6 30	21 34.30	− 2 38.5	1.498	2.309	19.0	21.1
7 10	21 32.11	− 2 19.1	1.416	2.302	15.9	20.8
7 20	21 27.40	− 2 20.4	1.351	2.296	12.2	20.6
7 30	21 20.65	− 2 43.8	1.306	2.290	8.3	20.4
8 9	21 12.73	− 3 27.1	1.284	2.285	5.5	20.2
8 19	21 4.74	− 4 25.9	1.287	2.280	6.5	20.2
8 29	20 57.86	− 5 33.3	1.313	2.276	10.1	20.4
9 8	20 53.08	− 6 41.7	1.362	2.273	14.0	20.7

328425 2008 SZ_{278} 8 8.3 52.°79 4.°0/ 4.2 18

6 30	21 36.42	−27 35.4	2.665	3.500	10.9	20.4
7 10	21 32.64	−28 28.5	2.592	3.502	8.6	20.3
7 20	21 27.11	−29 22.3	2.541	3.505	6.2	20.1
7 30	21 20.28	−30 12.2	2.517	3.507	4.3	20.0
8 9	21 12.77	−30 53.5	2.520	3.509	4.3	20.0
8 19	21 5.31	−31 23.0	2.551	3.512	6.1	20.1
8 29	20 58.64	−31 38.6	2.609	3.514	8.5	20.3
9 8	20 53.39	−31 40.1	2.690	3.517	10.7	20.5

330631 2008 ES_{82} 8 8.3 169.°55 3.°1/10.3 17

6 30	21 41.94	− 6 47.4	1.874	2.669	16.3	21.5
7 10	21 37.47	− 6 39.3	1.791	2.673	13.3	21.3
7 20	21 30.70	− 6 45.8	1.727	2.676	9.7	21.1
7 30	21 22.15	− 7 6.0	1.687	2.678	5.9	20.8
8 9	21 12.63	− 7 37.2	1.673	2.680	3.1	20.7
8 19	21 3.12	− 8 15.6	1.686	2.682	5.0	20.8
8 29	20 54.67	− 8 56.6	1.727	2.682	8.7	21.0
9 8	20 48.11	− 9 35.7	1.791	2.683	12.3	21.2

154577 2003 HD_{54} 8 8.3 116.°81 1.°7/ 7.0 17

6 30	21 42.58	−18 16.0	1.937	2.763	14.7	21.2
7 10	21 37.83	−18 51.8	1.870	2.779	11.5	21.0
7 20	21 30.83	−19 34.9	1.825	2.794	7.8	20.8
7 30	21 22.14	−20 20.6	1.805	2.809	3.8	20.6
8 9	21 12.64	−21 3.5	1.812	2.823	1.9	20.5
8 19	21 3.32	−21 38.9	1.847	2.837	5.3	20.7
8 29	20 55.17	−22 3.6	1.909	2.850	9.0	21.0
9 8	20 48.97	−22 16.3	1.995	2.863	12.3	21.2

418298 2008 FZ_{28} 8 8.3 153.°89 2.°8/ 6.5 17

6 30	21 44.71	−21 6.6	1.827	2.659	15.2	22.1
7 10	21 39.79	−21 42.9	1.754	2.666	11.9	21.9
7 20	21 32.34	−22 25.0	1.702	2.672	8.2	21.7
7 30	21 22.95	−23 7.3	1.675	2.678	4.3	21.4
8 9	21 12.58	−23 43.9	1.675	2.683	3.0	21.4
8 19	21 2.33	−24 10.0	1.702	2.688	6.2	21.6
8 29	20 53.36	−24 22.5	1.756	2.692	10.0	21.8
9 8	20 46.55	−24 21.2	1.833	2.695	13.4	22.0

209366 2004 EA_{4} 8 8.3 161.°35 2.°8/10.5 17

6 30	21 39.23	+ 0 28.2	1.156	1.968	23.4	20.5
7 10	21 36.82	− 1 11.9	1.079	1.971	19.3	20.2
7 20	21 31.15	− 3 35.5	1.019	1.973	14.2	19.9
7 30	21 22.70	− 6 39.4	0.980	1.975	8.2	19.6
8 9	21 12.58	−10 11.0	0.966	1.977	2.9	19.3
8 19	21 2.29	−13 50.4	0.978	1.979	6.4	19.5
8 29	20 53.50	−17 16.3	1.017	1.980	12.4	19.9
9 8	20 47.57	−20 13.0	1.079	1.980	17.7	20.2

374421 2005 WG_{74} 8 8.3 212.°11 15.°5/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 49.51	−40 31.0	1.236	2.091	19.7	19.9
7 10	21 46.69	−44 6.8	1.187	2.087	17.3	19.7
7 20	21 39.14	−47 37.9	1.159	2.082	15.8	19.6
7 30	21 27.15	−50 42.6	1.154	2.076	15.7	19.6
8 9	21 12.19	−53 1.4	1.169	2.070	17.2	19.6
8 19	20 56.72	−54 23.5	1.205	2.063	19.6	19.8
8 29	20 43.64	−54 49.0	1.257	2.056	22.2	19.9
9 8	20 35.09	−54 27.3	1.322	2.048	24.5	20.1

276090 2002 DH_{15} 8 8.3 71.°83 1.°9/ 9.6 17

6 30	21 38.96	− 8 33.7	1.683	2.498	17.0	21.0
7 10	21 35.22	− 8 51.4	1.619	2.517	13.6	20.8
7 20	21 29.15	− 9 25.0	1.576	2.535	9.6	20.6
7 30	21 21.35	−10 11.8	1.555	2.554	5.3	20.4
8 9	21 12.72	−11 7.0	1.560	2.572	1.9	20.2
8 19	21 4.29	−12 4.8	1.592	2.590	4.7	20.5
8 29	20 57.06	−12 59.6	1.650	2.609	8.8	20.8
9 8	20 51.84	−13 47.0	1.732	2.627	12.4	21.0

22467 Koharumi 8 8.3 124.°89 2.°8/ 6.7 18

6 30	21 44.52	−21 15.3	1.576	2.418	16.8	18.1
7 10	21 40.04	−21 39.0	1.505	2.422	13.2	17.9
7 20	21 32.71	−22 8.4	1.454	2.427	9.0	17.6
7 30	21 23.20	−22 38.0	1.427	2.431	4.7	17.4
8 9	21 12.57	−23 1.6	1.425	2.435	3.0	17.3
8 19	21 2.12	−23 14.4	1.450	2.438	6.6	17.5
8 29	20 53.15	−23 13.9	1.499	2.442	10.9	17.8
9 8	20 46.62	−22 59.9	1.571	2.445	14.7	18.0

120943 1998 TN_{22} 8 8.3 226.°43 1.°4/ 9.6 18

6 30	21 35.61	− 9 27.9	2.648	3.444	12.0	20.5
7 10	21 31.90	− 9 37.7	2.553	3.439	9.6	20.4
7 20	21 26.58	− 9 57.4	2.480	3.434	6.9	20.2
7 30	21 20.04	−10 25.6	2.432	3.429	3.8	20.0
8 9	21 12.83	−10 59.6	2.412	3.423	1.5	19.8
8 19	21 5.59	−11 36.5	2.420	3.417	3.5	19.9
8 29	20 58.99	−12 13.2	2.457	3.411	6.5	20.1
9 8	20 53.64	−12 46.6	2.519	3.405	9.4	20.3

186515 2002 VN_{26} 8 8.3 323.°06 1.°3/ 8.9 17

6 30	21 35.35	−12 30.1	1.253	2.109	19.5	20.2
7 10	21 33.68	−12 24.0	1.166	2.089	15.7	19.9
7 20	21 28.95	−12 33.0	1.096	2.069	11.2	19.6
7 30	21 21.62	−12 55.6	1.047	2.051	5.9	19.2
8 9	21 12.68	−13 27.3	1.019	2.033	1.3	18.9
8 19	21 3.49	−14 2.5	1.015	2.016	6.1	19.1
8 29	20 55.62	−14 34.7	1.034	2.000	11.7	19.4
9 8	20 50.35	−14 58.7	1.072	1.985	16.8	19.6

338776 2003 UZ_{269} 8 8.3 171.°63 0.°5/ 8.6 18

6 30	21 39.93	−13 25.3	2.042	2.858	14.4	21.5
7 10	21 35.74	−13 32.3	1.959	2.859	11.4	21.3
7 20	21 29.43	−13 48.8	1.897	2.860	7.9	21.1
7 30	21 21.50	−14 12.3	1.859	2.861	4.0	20.9
8 9	21 12.72	−14 39.3	1.848	2.862	0.5	20.6
8 19	21 3.96	−15 6.1	1.865	2.862	4.3	20.9
8 29	20 56.18	−15 29.3	1.910	2.863	8.2	21.2
9 8	20 50.15	−15 46.2	1.978	2.863	11.6	21.4

133966 2004 TN_{158} 8 8.3 175.°48 0.°5/ 7.7 18

6 30	21 37.08	−16 23.4	2.863	3.674	10.8	21.5
7 10	21 32.88	−16 44.2	2.776	3.676	8.5	21.3
7 20	21 27.16	−17 10.7	2.712	3.677	5.8	21.2
7 30	21 20.29	−17 40.4	2.674	3.678	2.8	21.0
8 9	21 12.83	−18 10.3	2.666	3.679	0.7	20.8
8 19	21 5.38	−18 37.5	2.686	3.679	3.6	21.0
8 29	20 58.61	−18 59.7	2.735	3.679	6.5	21.2
9 8	20 53.05	−19 15.3	2.810	3.679	9.1	21.4

481266 2005 XU_{73} 8 8.3 301.°72 1.°4/ 9.1 17

6 30	21 38.80	−12 24.5	2.144	2.957	13.9	21.5
7 10	21 34.86	−12 8.2	2.046	2.943	11.2	21.3
7 20	21 28.87	−12 0.1	1.969	2.930	7.9	21.1
7 30	21 21.27	−11 59.0	1.917	2.917	4.3	20.8
8 9	21 12.75	−12 2.7	1.892	2.904	1.4	20.6
8 19	21 4.17	−12 8.9	1.894	2.891	4.2	20.8
8 29	20 56.42	−12 14.9	1.923	2.878	8.0	21.0
9 8	20 50.30	−12 18.3	1.977	2.866	11.4	21.2

147429 2003 HQ_{9} 8 8.3 45.°00 1.°8/ 6.7 18

6 30	21 36.35	−18 0.8	1.967	2.805	14.1	19.8
7 10	21 33.02	−18 47.6	1.899	2.814	11.0	19.6
7 20	21 27.60	−19 42.6	1.852	2.824	7.4	19.4
7 30	21 20.60	−20 41.0	1.830	2.834	3.7	19.2
8 9	21 12.81	−21 37.0	1.834	2.845	2.1	19.1
8 19	21 5.12	−22 25.6	1.866	2.855	5.3	19.4
8 29	20 58.45	−23 2.9	1.924	2.866	8.9	19.6
9 8	20 53.53	−23 27.0	2.005	2.877	12.1	19.8

162980 2001 RR_{17} 8 8.3 102°.67 15°.4/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	22 2.25	+26 32.5	1.242	1.852	31.1	19.8
7 10	21 54.02	+26 32.8	1.196	1.902	28.1	19.7
7 20	21 42.16	+25 43.1	1.159	1.949	24.5	19.6
7 30	21 27.69	+23 55.3	1.136	1.994	20.8	19.5
8 9	21 12.28	+21 9.1	1.132	2.035	17.5	19.4
8 19	20 57.79	+17 35.2	1.152	2.073	15.6	19.4
8 29	20 45.85	+13 33.4	1.198	2.109	15.8	19.6
9 8	20 37.45	+ 9 27.3	1.270	2.141	17.7	19.8

144999 2005 EJ_{199} 8 8.3 32°.11 4°.9/ 5.5 16

6 30	21 40.98	−26 3.9	1.525	2.382	16.5	19.2
7 10	21 37.29	−26 42.0	1.470	2.393	13.0	19.0
7 20	21 30.80	−27 21.7	1.434	2.406	9.2	18.8
7 30	21 22.23	−27 56.0	1.421	2.419	5.8	18.6
8 9	21 12.70	−28 18.1	1.432	2.432	5.2	18.6
8 19	21 3.51	−28 23.7	1.469	2.446	7.9	18.8
8 29	20 55.88	−28 11.6	1.530	2.461	11.5	19.1
9 8	20 50.69	−27 43.1	1.611	2.477	14.9	19.3

267391 2001 YK_{95} 8 8.3 144°.40 2°.7/ 6.3 17

6 30	21 42.68	−21 26.7	2.054	2.883	13.9	20.9
7 10	21 37.91	−22 7.5	1.982	2.892	10.9	20.7
7 20	21 30.92	−22 53.3	1.931	2.900	7.4	20.5
7 30	21 22.24	−23 38.9	1.906	2.908	4.0	20.3
8 9	21 12.71	−24 19.0	1.909	2.915	2.9	20.2
8 19	21 3.30	−24 49.1	1.939	2.922	5.8	20.4
8 29	20 54.99	−25 6.5	1.996	2.929	9.2	20.6
9 8	20 48.57	−25 10.6	2.077	2.935	12.3	20.9

152860 1999 XV_{49} 8 8.3 343°.48 1°.9/ 6.9 18

6 30	21 35.11	−18 52.1	1.750	2.598	15.1	19.2
7 10	21 32.49	−19 19.7	1.668	2.589	11.9	19.0
7 20	21 27.52	−19 55.4	1.606	2.580	8.1	18.8
7 30	21 20.68	−20 34.8	1.567	2.573	4.1	18.5
8 9	21 12.83	−21 12.5	1.554	2.565	2.1	18.4
8 19	21 4.96	−21 43.3	1.567	2.559	5.7	18.6
8 29	20 58.15	−22 3.5	1.605	2.553	9.8	18.8
9 8	20 53.30	−22 11.0	1.665	2.549	13.5	19.0

477060 2009 BF_{33} 8 8.3 157°.09 0°.2/ 8.1 18

6 30	21 40.21	−15 12.8	2.319	3.132	13.0	22.1
7 10	21 35.68	−15 29.1	2.237	3.137	10.2	21.9
7 20	21 29.26	−15 52.9	2.177	3.142	7.0	21.7
7 30	21 21.40	−16 21.5	2.144	3.147	3.4	21.5
8 9	21 12.81	−16 51.3	2.137	3.151	0.4	21.2
8 19	21 4.27	−17 18.8	2.160	3.155	4.1	21.5
8 29	20 56.62	−17 41.0	2.210	3.158	7.5	21.8
9 8	20 50.53	−17 56.1	2.286	3.161	10.6	22.0

418054 2007 VS_{142} 8 8.3 253°.15 2°.4/ 9.8 17

6 30	21 40.05	− 8 15.0	1.610	2.426	17.7	22.1
7 10	21 36.64	− 8 19.4	1.516	2.413	14.4	21.8
7 20	21 30.58	− 8 40.8	1.442	2.400	10.4	21.6
7 30	21 22.32	− 9 17.9	1.389	2.386	6.0	21.3
8 9	21 12.73	−10 7.2	1.362	2.373	2.5	21.0
8 19	21 2.92	−11 3.1	1.360	2.358	5.4	21.2
8 29	20 54.19	−11 59.4	1.384	2.344	10.0	21.4
9 8	20 47.60	−12 50.3	1.431	2.329	14.4	21.6

395530 2011 UE_{146} 8 8.3 333°.86 5°.5/ 3.8 18

6 30	21 40.16	−29 39.0	2.109	2.950	13.2	20.3
7 10	21 36.15	−30 38.5	2.037	2.949	10.5	20.2
7 20	21 29.85	−31 37.9	1.987	2.948	7.8	20.0
7 30	21 21.78	−32 30.7	1.963	2.948	5.8	19.9
8 9	21 12.80	−33 10.8	1.964	2.947	5.9	19.9
8 19	21 3.88	−33 33.8	1.992	2.947	7.9	20.0
8 29	20 56.06	−33 37.8	2.045	2.946	10.6	20.2
9 8	20 50.16	−33 23.8	2.120	2.946	13.2	20.3

372368 2009 KR_{20} 8 8.3 19°.43 3°.9/ 6.1 17

6 30	21 35.78	−19 36.3	1.082	1.961	20.2	20.1
7 10	21 34.22	−20 35.9	1.028	1.967	15.8	19.9
7 20	21 29.29	−21 47.9	0.992	1.973	10.8	19.6
7 30	21 21.72	−23 3.4	0.976	1.981	5.7	19.4
8 9	21 12.82	−24 11.7	0.982	1.991	4.3	19.3
8 19	21 4.15	−25 3.6	1.011	2.001	8.5	19.6
8 29	20 57.31	−25 33.6	1.061	2.012	13.4	19.9
9 8	20 53.39	−25 40.9	1.130	2.024	17.7	20.2

267670 2002 TA_{272} 8 8.3 291°.52 2°.1/ 9.4 18

6 30	21 39.01	−10 20.5	1.535	2.364	17.8	20.6
7 10	21 36.09	−10 14.1	1.435	2.341	14.5	20.3
7 20	21 30.39	−10 22.4	1.354	2.317	10.5	20.0
7 30	21 22.33	−10 44.4	1.294	2.294	5.8	19.7
8 9	21 12.76	−11 16.9	1.259	2.271	2.1	19.4
8 19	21 2.85	−11 55.2	1.249	2.248	5.6	19.6
8 29	20 53.98	−12 33.7	1.263	2.225	10.6	19.8
9 8	20 47.34	−13 7.2	1.300	2.202	15.3	20.0

155244 2005 WH_{29} 8 8.3 60°.35 0°.0/ 8.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 37.25	−14 30.2	2.226	3.045	13.3	21.2
7 10	21 33.48	−14 45.4	2.145	3.048	10.5	21.0
7 20	21 27.82	−15 8.9	2.086	3.052	7.2	20.8
7 30	21 20.73	−15 38.1	2.052	3.055	3.5	20.6
8 9	21 12.90	−16 9.5	2.045	3.058	0.3	20.3
8 19	21 5.13	−16 39.4	2.066	3.062	4.1	20.7
8 29	20 58.22	−17 4.5	2.114	3.065	7.6	20.9
9 8	20 52.86	−17 22.7	2.187	3.069	10.8	21.1

503952 2003 YM_{130} 8 8.3 239°.04 1°.3/ 8.9 18

6 30	21 44.04	−12 31.7	1.787	2.601	16.2	21.8
7 10	21 39.49	−12 20.6	1.692	2.590	13.1	21.6
7 20	21 32.37	−12 19.8	1.616	2.578	9.2	21.3
7 30	21 23.16	−12 27.5	1.564	2.565	4.9	21.0
8 9	21 12.71	−12 40.7	1.539	2.552	1.3	20.8
8 19	21 2.13	−12 56.0	1.541	2.538	5.0	21.0
8 29	20 52.62	−13 9.7	1.569	2.524	9.5	21.2
9 8	20 45.19	−13 19.1	1.621	2.509	13.5	21.4

100419 1996 EP_{10} 8 8.3 26°.22 1°.5/ 7.5 18

6 30	21 39.10	−17 39.4	1.221	2.084	19.4	19.0
7 10	21 36.35	−17 54.2	1.164	2.092	15.3	18.8
7 20	21 30.47	−18 19.6	1.124	2.102	10.4	18.5
7 30	21 22.21	−18 50.4	1.106	2.112	5.1	18.3
8 9	21 12.80	−19 20.0	1.110	2.123	1.7	18.1
8 19	21 3.66	−19 42.4	1.139	2.135	6.5	18.4
8 29	20 56.24	−19 53.5	1.190	2.148	11.5	18.7
9 8	20 51.52	−19 51.8	1.262	2.161	15.8	19.0

508014 2015 BB_{317} 8 8.3 49°.18 1°.8/ 7.3 17

6 30	21 40.79	−17 38.6	1.354	2.207	18.4	21.2
7 10	21 37.32	−18 7.7	1.299	2.222	14.4	21.0
7 20	21 30.94	−18 47.1	1.262	2.237	9.8	20.8
7 30	21 22.37	−19 31.1	1.248	2.253	4.8	20.6
8 9	21 12.79	−20 12.7	1.257	2.270	2.0	20.4
8 19	21 3.51	−20 45.8	1.292	2.286	6.3	20.7
8 29	20 55.85	−21 6.3	1.351	2.303	10.9	21.0
9 8	20 50.72	−21 12.8	1.431	2.320	14.9	21.3

6034 1987 JA 8 8.3 225°.26 2°.1/ 6.9 18

6 30	21 43.20	−19 4.3	1.843	2.674	15.2	18.7
7 10	21 38.83	−19 39.4	1.754	2.664	12.0	18.5
7 20	21 31.90	−20 22.8	1.685	2.655	8.2	18.2
7 30	21 22.91	−21 9.5	1.641	2.645	4.2	18.0
8 9	21 12.74	−21 53.6	1.623	2.634	2.3	17.8
8 19	21 2.46	−22 29.6	1.633	2.622	6.0	18.0
8 29	20 53.28	−22 53.5	1.669	2.610	10.1	18.2
9 8	20 46.18	−23 3.8	1.729	2.598	13.8	18.5

151431 2002 FH_{14} 8 8.3 242°.93 0°.2/ 8.5 18

6 30	21 36.67	−12 58.0	2.494	3.303	12.3	21.3
7 10	21 32.93	−13 21.6	2.395	3.293	9.8	21.1
7 20	21 27.44	−13 54.6	2.319	3.282	6.8	20.9
7 30	21 20.57	−14 34.5	2.269	3.271	3.4	20.7
8 9	21 12.93	−15 17.9	2.246	3.260	0.3	20.4
8 19	21 5.21	−16 1.0	2.252	3.249	3.8	20.7
8 29	20 58.17	−16 40.4	2.286	3.237	7.2	20.9
9 8	20 52.49	−17 13.1	2.346	3.225	10.3	21.1

286429 2002 AK_{6} 8 8.3 323°.56 8°.3/ 3.3 17

6 30	21 37.26	−27 29.8	1.126	2.009	19.3	19.6
7 10	21 35.94	−28 56.7	1.055	1.993	15.6	19.3
7 20	21 30.95	−30 30.8	1.003	1.978	11.6	19.0
7 30	21 22.80	−32 0.2	0.970	1.964	8.6	18.8
8 9	21 12.74	−33 11.3	0.959	1.951	8.9	18.8
8 19	21 2.55	−33 53.4	0.970	1.938	12.3	18.9
8 29	20 54.15	−34 1.6	1.000	1.927	16.6	19.1
9 8	20 49.04	−33 37.9	1.047	1.916	20.8	19.3

386384 2008 UJ_{79} 8 8.3 215°.24 1°.4/ 7.2 18

6 30	21 41.93	−18 37.1	2.383	3.200	12.6	22.9
7 10	21 37.16	−19 2.4	2.288	3.191	9.9	22.7
7 20	21 30.38	−19 33.6	2.215	3.182	6.8	22.4
7 30	21 22.04	−20 7.3	2.169	3.172	3.4	22.2
8 9	21 12.83	−20 39.3	2.151	3.162	1.6	22.1
8 19	21 3.55	−21 5.9	2.161	3.151	4.6	22.3
8 29	20 55.10	−21 24.3	2.200	3.139	8.1	22.5
9 8	20 48.23	−21 33.0	2.263	3.127	11.2	22.6

234230 2000 ST_{233} 8 8.3 270°.42 3°.9/ 5.3 18

6 30	21 42.50	−23 28.4	2.080	2.911	13.6	21.1
7 10	21 38.30	−24 23.7	1.971	2.882	10.9	20.9
7 20	21 31.64	−25 25.6	1.884	2.852	7.7	20.6
7 30	21 22.87	−26 28.4	1.822	2.821	4.7	20.4
8 9	21 12.75	−27 25.3	1.788	2.789	4.2	20.3
8 19	21 2.29	−28 10.1	1.782	2.756	7.0	20.4
8 29	20 52.65	−28 38.6	1.801	2.723	10.7	20.5
9 8	20 44.88	−28 49.2	1.844	2.689	14.1	20.7

443460 2014 HE_{188} 8 8.3 8°.03 3°.9/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 34.79	−21 19.2	1.742	2.596	14.9	19.8
7 10	21 32.29	−22 39.3	1.672	2.597	11.6	19.6
7 20	21 27.42	−24 7.9	1.623	2.598	8.0	19.4
7 30	21 20.68	−25 37.9	1.599	2.600	4.7	19.2
8 9	21 12.93	−27 0.9	1.601	2.603	4.3	19.2
8 19	21 5.20	−28 9.9	1.629	2.606	7.3	19.4
8 29	20 58.57	−29 0.1	1.681	2.610	10.9	19.6
9 8	20 53.92	−29 29.8	1.756	2.615	14.1	19.8

474512 2003 UF_{125} 8 8.3 273°.70 0°.8/ 7.7 18

6 30	21 38.39	−15 21.4	1.987	2.814	14.4	21.3
7 10	21 34.91	−15 53.7	1.885	2.794	11.4	21.1
7 20	21 29.18	−16 36.9	1.805	2.774	7.9	20.9
7 30	21 21.58	−17 27.6	1.749	2.753	3.9	20.6
8 9	21 12.86	−18 20.7	1.720	2.733	1.0	20.3
8 19	21 3.93	−19 11.0	1.718	2.712	5.0	20.6
8 29	20 55.84	−19 53.5	1.742	2.691	9.2	20.8
9 8	20 49.52	−20 25.1	1.791	2.670	12.9	21.0

283121 2008 VA_{50} 8 8.3 238°.37 8°.1/14.3 16

6 30	21 37.51	+ 5 45.2	1.930	2.671	17.7	21.1
7 10	21 34.07	+ 6 29.9	1.841	2.667	15.4	20.9
7 20	21 28.48	+ 6 54.3	1.770	2.664	12.8	20.7
7 30	21 21.18	+ 6 55.4	1.719	2.661	10.2	20.6
8 9	21 12.90	+ 6 32.7	1.692	2.658	8.4	20.4
8 19	21 4.53	+ 5 48.1	1.690	2.654	8.3	20.4
8 29	20 57.05	+ 4 46.2	1.712	2.651	10.0	20.5
9 8	20 51.29	+ 3 33.8	1.758	2.647	12.6	20.7

471694 2012 TL_{234} 8 8.3 0°.82 0°.2/ 8.2 16

6 30	21 31.93	−12 46.2	1.229	2.092	19.3	20.5
7 10	21 30.81	−13 21.4	1.161	2.090	15.3	20.3
7 20	21 26.82	−14 15.1	1.111	2.088	10.5	20.0
7 30	21 20.52	−15 22.6	1.082	2.088	5.2	19.7
8 9	21 12.97	−16 36.3	1.075	2.089	0.5	19.4
8 19	21 5.45	−17 47.3	1.092	2.091	6.1	19.8
8 29	20 59.34	−18 47.6	1.132	2.095	11.3	20.1
9 8	20 55.69	−19 32.1	1.192	2.100	15.9	20.4

335125 2004 TZ_{282} 8 8.3 351°.37 11°.0/15.9 17

6 30	21 25.16	+ 5 50.2	1.107	1.922	24.0	20.2
7 10	21 25.70	+ 6 48.8	1.034	1.910	21.2	19.9
7 20	21 23.48	+ 7 15.4	0.974	1.899	17.8	19.7
7 30	21 18.96	+ 7 3.4	0.930	1.890	14.4	19.4
8 9	21 13.08	+ 6 10.9	0.905	1.883	11.7	19.3
8 19	21 7.08	+ 4 41.5	0.898	1.879	11.1	19.2
8 29	21 2.36	+ 2 45.1	0.912	1.876	13.2	19.3
9 8	21 0.10	+ 0 36.3	0.945	1.876	16.6	19.5

137431 1999 TU_{215} 8 8.3 320°.69 2°.1/ 7.1 18

6 30	21 34.97	−17 5.9	1.211	2.079	19.2	19.8
7 10	21 33.63	−17 40.9	1.126	2.059	15.3	19.5
7 20	21 29.10	−18 31.1	1.059	2.039	10.5	19.1
7 30	21 21.84	−19 31.4	1.013	2.020	5.2	18.8
8 9	21 12.86	−20 33.3	0.990	2.002	2.4	18.6
8 19	21 3.61	−21 28.0	0.989	1.984	7.5	18.8
8 29	20 55.75	−22 7.8	1.010	1.968	13.0	19.1
9 8	20 50.65	−22 28.7	1.050	1.952	18.0	19.3

420463 2012 DU_{78} 8 8.3 119°.88 14°.2/31.3 17

6 30	22 5.07	−51 53.9	1.709	2.498	17.8	20.7
7 10	21 57.34	−53 22.3	1.672	2.511	16.1	20.6
7 20	21 45.06	−54 31.4	1.654	2.522	14.8	20.5
7 30	21 29.36	−55 8.5	1.655	2.534	14.3	20.5
8 9	21 12.34	−55 5.2	1.678	2.545	14.6	20.6
8 19	20 56.37	−54 19.9	1.721	2.556	15.7	20.7
8 29	20 43.50	−52 57.6	1.784	2.566	17.2	20.8
9 8	20 34.85	−51 7.8	1.865	2.575	18.8	21.0

321000 2008 KH_{13} 8 8.3 0°.41 0°.4/ 8.6 18

6 30	21 33.62	−13 11.3	1.667	2.508	16.1	20.4
7 10	21 31.32	−13 23.6	1.591	2.506	12.7	20.2
7 20	21 26.72	−13 48.1	1.534	2.504	8.8	19.9
7 30	21 20.34	−14 21.9	1.500	2.504	4.5	19.7
8 9	21 13.00	−15 0.6	1.491	2.505	0.5	19.4
8 19	21 5.70	−15 39.2	1.508	2.507	4.8	19.7
8 29	20 59.47	−16 12.9	1.549	2.509	9.1	20.0
9 8	20 55.17	−16 38.3	1.614	2.513	13.0	20.2

164790 1999 FY_{35} 8 8.3 140°.20 0°.8/ 8.8 17

6 30	21 41.09	−10 42.7	1.540	2.365	17.9	20.1
7 10	21 37.37	−11 13.7	1.467	2.372	14.3	19.9
7 20	21 30.97	−12 1.3	1.412	2.378	10.0	19.7
7 30	21 22.47	−13 2.2	1.381	2.383	5.1	19.4
8 9	21 12.84	−14 10.0	1.375	2.388	0.8	19.1
8 19	21 3.26	−15 17.6	1.395	2.393	5.3	19.5
8 29	20 54.97	−16 18.5	1.441	2.398	10.0	19.7
9 8	20 48.95	−17 7.9	1.510	2.402	14.1	20.0

347439 2012 TK_{165} 8 8.3 67°.49 7°.4/ 4.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 46.75	−33 19.8	1.697	2.539	15.8	20.4
7 10	21 41.76	−34 12.3	1.642	2.551	12.8	20.3
7 20	21 33.86	−35 0.3	1.608	2.563	9.8	20.1
7 30	21 23.78	−35 35.4	1.598	2.575	7.7	20.0
8 9	21 12.75	−35 50.8	1.612	2.588	7.7	20.1
8 19	21 2.11	−35 42.9	1.651	2.600	9.7	20.2
8 29	20 53.16	−35 12.1	1.714	2.613	12.5	20.4
9 8	20 46.80	−34 22.1	1.798	2.625	15.2	20.6

123444 2000 WF_{131} 8 8.3 342°.92 5°.4/12.5 18

6 30	21 35.37	− 0 19.4	2.053	2.826	15.8	19.8
7 10	21 32.22	+ 0 6.3	1.964	2.823	13.3	19.6
7 20	21 27.11	+ 0 15.4	1.895	2.820	10.4	19.4
7 30	21 20.47	+ 0 7.0	1.848	2.817	7.6	19.2
8 9	21 12.99	− 0 18.2	1.825	2.815	5.6	19.1
8 19	21 5.47	− 0 57.4	1.829	2.813	6.0	19.1
8 29	20 58.78	− 1 46.3	1.859	2.811	8.4	19.3
9 8	20 53.65	− 2 39.7	1.913	2.810	11.4	19.5

9716 Severina 8 8.3 352°.10 1°.8/ 9.3 18

6 30	21 31.21	−10 55.7	1.085	1.953	20.9	16.2
7 10	21 30.62	−10 54.1	1.015	1.945	16.9	15.9
7 20	21 26.92	−11 12.0	0.962	1.937	12.0	15.6
7 30	21 20.67	−11 47.4	0.928	1.932	6.5	15.3
8 9	21 12.97	−12 35.0	0.914	1.927	1.8	15.0
8 19	21 5.25	−13 27.3	0.923	1.925	6.2	15.2
8 29	20 59.05	−14 16.2	0.953	1.924	11.8	15.5
9 8	20 55.56	−14 55.1	1.003	1.925	16.8	15.8

2740 Tsoj 8 8.3 20°.46 4°.5/12.0 18 R

6 30	21 34.79	− 1 36.3	2.014	2.796	15.7	16.0
7 10	21 31.76	− 1 30.7	1.931	2.798	13.1	15.8
7 20	21 26.78	− 1 42.5	1.867	2.800	10.1	15.6
7 30	21 20.30	− 2 11.7	1.825	2.803	6.9	15.5
8 9	21 13.01	− 2 56.3	1.809	2.806	4.6	15.3
8 19	21 5.72	− 3 52.4	1.819	2.809	5.3	15.4
8 29	20 59.30	− 4 54.9	1.856	2.813	8.1	15.6
9 8	20 54.45	− 5 58.2	1.917	2.817	11.2	15.8

192230 2008 CQ_{40} 8 8.3 260°.69 3°.3/10.5 17

6 30	21 38.29	− 5 48.0	1.596	2.406	18.0	21.3
7 10	21 35.23	− 5 52.4	1.506	2.398	14.8	21.0
7 20	21 29.61	− 6 16.0	1.436	2.389	10.9	20.8
7 30	21 21.88	− 6 58.1	1.387	2.380	6.7	20.5
8 9	21 12.91	− 7 55.4	1.362	2.370	3.4	20.3
8 19	21 3.79	− 9 2.2	1.364	2.361	5.5	20.4
8 29	20 55.73	−10 11.4	1.390	2.352	9.8	20.6
9 8	20 49.78	−11 16.4	1.440	2.342	14.0	20.8

251808 1999 TD_{61} 8 8.3 6°.29 4°.6/12.2 18

6 30	21 33.91	− 1 3.9	1.988	2.770	15.9	20.8
7 10	21 31.13	− 1 0.9	1.904	2.771	13.3	20.6
7 20	21 26.39	− 1 16.1	1.838	2.771	10.2	20.4
7 30	21 20.13	− 1 49.7	1.795	2.772	7.1	20.2
8 9	21 13.06	− 2 39.4	1.777	2.774	4.8	20.1
8 19	21 5.96	− 3 41.2	1.785	2.776	5.4	20.1
8 29	20 59.72	− 4 49.8	1.820	2.778	8.2	20.3
9 8	20 55.07	− 5 59.0	1.879	2.780	11.3	20.5

157298 2004 RT_{337} 8 8.3 218°.41 0°.0/ 8.3 18

6 30	21 36.85	−14 11.6	2.561	3.373	12.0	21.2
7 10	21 32.98	−14 28.9	2.470	3.369	9.4	21.0
7 20	21 27.42	−14 53.9	2.401	3.365	6.5	20.8
7 30	21 20.58	−15 24.3	2.359	3.361	3.2	20.6
8 9	21 13.03	−15 56.9	2.344	3.357	0.2	20.3
8 19	21 5.47	−16 28.5	2.357	3.353	3.7	20.6
8 29	20 58.62	−16 56.1	2.399	3.349	6.9	20.8
9 8	20 53.11	−17 17.5	2.466	3.344	9.9	21.0

470394 2007 TB_{399} 8 8.3 202°.97 5°.0/ 4.5 18

6 30	21 42.74	−28 43.6	2.180	3.013	13.0	21.4
7 10	21 38.10	−29 31.3	2.102	3.011	10.4	21.2
7 20	21 31.17	−30 19.2	2.047	3.009	7.6	21.0
7 30	21 22.49	−31 1.2	2.017	3.006	5.4	20.9
8 9	21 12.89	−31 31.7	2.014	3.003	5.2	20.8
8 19	21 3.35	−31 46.7	2.038	3.000	7.3	21.0
8 29	20 54.89	−31 44.5	2.088	2.996	10.1	21.1
9 8	20 48.34	−31 25.9	2.161	2.992	12.8	21.3

390155 2012 VG_{93} 8 8.3 219°.71 2°.3/10.1 18

6 30	21 38.11	− 7 46.9	2.171	2.968	14.3	21.6
7 10	21 34.29	− 7 50.1	2.079	2.963	11.6	21.4
7 20	21 28.50	− 8 6.1	2.007	2.958	8.4	21.1
7 30	21 21.17	− 8 33.6	1.959	2.953	4.9	20.9
8 9	21 12.99	− 9 10.1	1.938	2.947	2.3	20.7
8 19	21 4.75	− 9 51.7	1.945	2.942	4.2	20.9
8 29	20 57.32	−10 34.5	1.979	2.936	7.7	21.1
9 8	20 51.46	−11 14.5	2.039	2.929	11.0	21.3

468493 2005 GT_{89} 8 8.3 128.°96 3.°8/10.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 39.16	− 4 25.8	1.588	2.392	18.4	21.7
7 10	21 35.76	− 4 29.1	1.511	2.396	15.1	21.5
7 20	21 29.83	− 4 52.5	1.452	2.401	11.2	21.3
7 30	21 21.92	− 5 35.1	1.415	2.405	7.0	21.1
8 9	21 12.93	− 6 33.3	1.403	2.409	3.9	20.9
8 19	21 3.96	− 7 41.3	1.416	2.412	5.5	21.0
8 29	20 56.16	− 8 52.1	1.455	2.416	9.5	21.3
9 8	20 50.47	− 9 58.9	1.517	2.419	13.5	21.5

79000 2689 P–L 8 8.3 246.°06 2.°4/ 6.5 18

6 30	21 39.90	−20 45.4	2.026	2.860	13.9	19.9
7 10	21 35.93	−21 18.3	1.943	2.856	10.9	19.7
7 20	21 29.74	−21 56.8	1.882	2.852	7.5	19.5
7 30	21 21.82	−22 36.5	1.845	2.848	3.9	19.3
8 9	21 12.96	−23 12.2	1.836	2.844	2.6	19.2
8 19	21 4.10	−23 39.4	1.853	2.840	5.6	19.4
8 29	20 56.26	−23 55.1	1.897	2.835	9.2	19.6
9 8	20 50.24	−23 58.3	1.964	2.831	12.5	19.8

75577 2000 AD_{11} 8 8.3 325.°15 3.°4/ 9.5 18

6 30	21 37.03	−11 30.2	1.164	2.020	20.6	18.6
7 10	21 35.34	−10 41.4	1.075	1.996	16.9	18.3
7 20	21 30.37	−10 4.2	1.003	1.973	12.4	17.9
7 30	21 22.55	− 9 39.3	0.951	1.951	7.2	17.6
8 9	21 12.90	− 9 25.6	0.920	1.930	3.4	17.3
8 19	21 2.91	− 9 20.7	0.911	1.911	6.8	17.4
8 29	20 54.30	− 9 20.8	0.924	1.892	12.4	17.7
9 8	20 48.49	− 9 21.5	0.956	1.875	17.7	17.9

92249 2000 AN_{170} 8 8.3 260.°15 5.°2/ 2.6 18

6 30	21 37.26	−27 31.5	2.380	3.219	11.9	18.9
7 10	21 33.78	−29 9.7	2.301	3.213	9.5	18.8
7 20	21 28.27	−30 51.4	2.246	3.208	7.0	18.6
7 30	21 21.13	−32 29.7	2.217	3.202	5.3	18.5
8 9	21 13.03	−33 57.6	2.217	3.196	5.7	18.5
8 19	21 4.81	−35 9.2	2.244	3.190	7.7	18.6
8 29	20 57.39	−36 1.0	2.296	3.184	10.2	18.8
9 8	20 51.57	−36 32.4	2.372	3.178	12.6	18.9

260220 2004 RN_{214} 8 8.3 346.°62 4.°0/10.3 18

6 30	21 36.70	− 8 13.7	1.647	2.467	17.1	20.0
7 10	21 33.83	− 7 25.1	1.560	2.457	14.1	19.7
7 20	21 28.54	− 6 48.1	1.492	2.447	10.5	19.5
7 30	21 21.32	− 6 23.7	1.447	2.438	6.6	19.2
8 9	21 13.02	− 6 11.2	1.425	2.431	4.0	19.1
8 19	21 4.66	− 6 8.8	1.429	2.424	5.7	19.2
8 29	20 57.37	− 6 13.5	1.458	2.419	9.5	19.4
9 8	20 52.07	− 6 21.6	1.509	2.414	13.3	19.6

253723 2003 WG_{6} 8 8.3 298.°29 0.°7/ 8.7 18

6 30	21 39.46	−13 28.2	1.386	2.229	18.6	20.7
7 10	21 36.75	−13 28.0	1.294	2.210	15.0	20.4
7 20	21 31.04	−13 41.4	1.221	2.191	10.5	20.1
7 30	21 22.77	−14 6.0	1.169	2.173	5.4	19.8
8 9	21 12.91	−14 37.3	1.140	2.154	0.7	19.4
8 19	21 2.77	−15 9.5	1.136	2.136	5.9	19.7
8 29	20 53.87	−15 37.2	1.156	2.117	11.4	19.9
9 8	20 47.48	−15 56.1	1.197	2.100	16.2	20.2

264852 2002 RS_{50} 8 8.3 319.°27 0.°3/ 8.1 18

6 30	21 34.11	−13 49.9	1.243	2.104	19.2	20.1
7 10	21 32.87	−14 13.3	1.153	2.081	15.4	19.7
7 20	21 28.58	−14 54.3	1.081	2.058	10.8	19.4
7 30	21 21.63	−15 49.7	1.030	2.036	5.4	19.0
8 9	21 12.99	−16 52.8	1.000	2.014	0.6	18.6
8 19	21 4.00	−17 55.3	0.994	1.993	6.6	19.0
8 29	20 56.27	−18 48.7	1.011	1.974	12.3	19.2
9 8	20 51.16	−19 27.4	1.047	1.955	17.5	19.5

444256 2005 US_{219} 8 8.3 284.°94 1.°7/ 9.6 17

6 30	21 37.12	− 9 56.4	2.218	3.023	13.8	21.9
7 10	21 33.57	− 9 54.7	2.116	3.008	11.1	21.7
7 20	21 28.07	−10 3.7	2.035	2.992	8.0	21.5
7 30	21 21.02	−10 22.3	1.979	2.976	4.5	21.2
8 9	21 13.06	−10 48.1	1.949	2.960	1.8	21.0
8 19	21 4.98	−11 17.8	1.947	2.944	4.1	21.2
8 29	20 57.64	−11 47.9	1.972	2.928	7.7	21.4
9 8	20 51.81	−12 15.0	2.021	2.912	11.1	21.5

445421 2010 TG_{168} 8 8.3 234.°23 0.°0/ 8.2 18

6 30	21 37.18	−14 17.6	2.630	3.439	11.7	22.3
7 10	21 33.25	−14 36.7	2.532	3.430	9.3	22.1
7 20	21 27.64	−15 3.3	2.458	3.421	6.4	21.9
7 30	21 20.73	−15 35.4	2.409	3.411	3.2	21.7
8 9	21 13.09	−16 9.6	2.388	3.402	0.2	21.4
8 19	21 5.39	−16 42.8	2.396	3.392	3.7	21.7
8 29	20 58.37	−17 12.0	2.432	3.381	6.9	21.9
9 8	20 52.64	−17 34.9	2.494	3.371	9.8	22.1

214104 2004 PR_{75} 8 8.3 12.°13 6.°5/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 26.32	+ 2 28.4	1.219	2.039	22.0	18.4
7 10	21 26.18	+ 2 20.8	1.162	2.049	18.5	18.2
7 20	21 23.49	+ 1 41.0	1.121	2.061	14.5	18.0
7 30	21 18.85	+ 0 28.9	1.097	2.076	10.3	17.8
8 9	21 13.23	− 1 10.6	1.095	2.092	7.1	17.7
8 19	21 7.74	− 3 8.3	1.116	2.110	7.1	17.8
8 29	21 3.53	− 5 12.1	1.160	2.131	10.2	18.0
9 8	21 1.47	− 7 10.4	1.226	2.153	14.0	18.3

300758 2007 VZ_{229} 8 8.3 260.°95 1.°9/ 9.7 18

6 30	21 37.86	− 9 20.5	2.021	2.829	14.8	21.5
7 10	21 34.27	− 9 23.2	1.931	2.824	12.0	21.3
7 20	21 28.59	− 9 38.3	1.862	2.819	8.6	21.1
7 30	21 21.28	−10 4.4	1.816	2.813	4.8	20.9
8 9	21 13.05	−10 38.5	1.797	2.808	1.9	20.6
8 19	21 4.78	−11 16.8	1.805	2.803	4.3	20.8
8 29	20 57.39	−11 55.1	1.840	2.798	8.1	21.0
9 8	20 51.68	−12 29.4	1.899	2.792	11.6	21.2

453706 2010 XK_{58} 8 8.3 255.°27 4.°4/ 3.5 18

6 30	21 37.61	−26 50.8	2.628	3.460	11.1	21.4
7 10	21 33.87	−28 8.6	2.536	3.445	8.8	21.2
7 20	21 28.24	−29 29.8	2.468	3.430	6.4	21.0
7 30	21 21.10	−30 48.7	2.427	3.415	4.6	20.9
8 9	21 13.07	−31 59.6	2.414	3.399	4.8	20.9
8 19	21 4.88	−32 57.5	2.429	3.383	6.7	21.0
8 29	20 57.38	−33 39.3	2.471	3.367	9.2	21.1
9 8	20 51.30	−34 3.9	2.536	3.351	11.7	21.3

67712 Kimotsuki 8 8.3 271.°46 3.°1/10.1 18

6 30	21 40.10	− 7 59.0	1.516	2.335	18.4	19.3
7 10	21 36.90	− 7 47.7	1.424	2.322	15.1	19.0
7 20	21 30.93	− 7 53.0	1.350	2.308	11.1	18.8
7 30	21 22.65	− 8 14.3	1.298	2.294	6.6	18.5
8 9	21 12.95	− 8 49.0	1.270	2.280	3.1	18.2
8 19	21 3.04	− 9 32.3	1.268	2.266	5.7	18.3
8 29	20 54.25	−10 18.3	1.290	2.251	10.4	18.6
9 8	20 47.73	−11 1.2	1.334	2.237	14.9	18.8

368502 2003 UQ_{120} 8 8.3 326.°39 5.°2/11.3 17

6 30	21 35.40	− 4 13.7	1.273	2.102	20.8	21.1
7 10	21 33.57	− 3 50.2	1.192	2.091	17.3	20.8
7 20	21 28.83	− 3 48.8	1.127	2.080	13.2	20.5
7 30	21 21.66	− 4 10.8	1.081	2.071	8.7	20.2
8 9	21 13.03	− 4 54.2	1.057	2.062	5.4	20.0
8 19	21 4.23	− 5 53.9	1.057	2.053	6.9	20.1
8 29	20 56.72	− 7 1.9	1.079	2.046	11.3	20.3
9 8	20 51.68	− 8 9.6	1.122	2.039	15.9	20.6

429531 2011 BN_{95} 8 8.3 123.°87 1.°1/ 7.6 17

6 30	21 42.96	−16 54.1	1.790	2.618	15.7	21.7
7 10	21 38.44	−17 20.2	1.719	2.628	12.3	21.5
7 20	21 31.49	−17 55.0	1.669	2.639	8.4	21.3
7 30	21 22.70	−18 34.3	1.644	2.648	4.1	21.1
8 9	21 12.98	−19 12.7	1.645	2.658	1.3	20.9
8 19	21 3.41	−19 45.3	1.674	2.667	5.2	21.2
8 29	20 55.07	−20 8.5	1.728	2.676	9.3	21.4
9 8	20 48.80	−20 20.7	1.807	2.684	12.9	21.7

37439 2610 P–L 8 8.3 313.°29 1.°6/ 9.3 18

6 30	21 35.69	−10 19.0	1.486	2.322	17.9	18.5
7 10	21 33.51	−10 25.8	1.393	2.303	14.5	18.2
7 20	21 28.66	−10 49.2	1.318	2.285	10.4	18.0
7 30	21 21.55	−11 27.7	1.265	2.266	5.7	17.6
8 9	21 13.06	−12 17.0	1.236	2.248	1.6	17.3
8 19	21 4.32	−13 11.2	1.231	2.231	5.4	17.5
8 29	20 56.66	−14 3.7	1.251	2.214	10.5	17.8
9 8	20 51.22	−14 48.6	1.292	2.198	15.0	18.0

342521 2008 UA_{203} 8 8.3 298.°43 2.°5/ 9.7 18

6 30	21 39.17	− 9 55.6	1.682	2.502	16.8	20.8
7 10	21 35.86	− 9 37.7	1.588	2.487	13.7	20.6
7 20	21 30.04	− 9 32.4	1.512	2.472	9.9	20.3
7 30	21 22.15	− 9 39.1	1.459	2.457	5.7	20.0
8 9	21 13.02	− 9 55.3	1.431	2.442	2.5	19.8
8 19	21 3.73	−10 17.5	1.429	2.427	5.2	19.9
8 29	20 55.46	−10 41.6	1.452	2.413	9.6	20.2
9 8	20 49.23	−11 3.4	1.499	2.398	13.7	20.4

218712 2005 UC_{33} 8 8.3 84.°17 0.°4/ 8.6 18

6 30	21 37.74	−12 56.4	2.253	3.066	13.3	20.8
7 10	21 33.80	−13 14.2	2.180	3.079	10.5	20.6
7 20	21 28.03	−13 41.3	2.129	3.092	7.2	20.4
7 30	21 20.91	−14 15.0	2.103	3.105	3.6	20.2
8 9	21 13.12	−14 51.7	2.104	3.118	0.4	20.0
8 19	21 5.44	−15 27.8	2.133	3.130	3.9	20.3
8 29	20 58.63	−15 59.8	2.190	3.143	7.3	20.5
9 8	20 53.36	−16 25.2	2.272	3.156	10.4	20.7

237254 2008 WU_{75} 8 8.3 300°.08 0°.4/ 8.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 37.51	−14 27.6	1.709	2.545	16.0	20.9
7 10	21 34.52	−14 54.5	1.621	2.534	12.7	20.6
7 20	21 29.08	−15 33.9	1.552	2.523	8.7	20.4
7 30	21 21.65	−16 22.1	1.507	2.512	4.3	20.1
8 9	21 13.06	−17 13.8	1.488	2.501	0.6	19.8
8 19	21 4.36	−18 3.2	1.494	2.491	5.2	20.1
8 29	20 56.70	−18 44.8	1.526	2.481	9.7	20.3
9 8	20 51.05	−19 15.3	1.581	2.471	13.8	20.5

250799 2005 TR_{190} 8 8.3 79°.12 2°.1/10.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 36.85	− 7 49.1	2.201	2.999	14.1	20.8
7 10	21 33.14	− 7 58.9	2.126	3.012	11.3	20.6
7 20	21 27.61	− 8 21.2	2.072	3.025	8.1	20.5
7 30	21 20.71	− 8 54.5	2.043	3.037	4.7	20.3
8 9	21 13.14	− 9 35.6	2.040	3.050	2.1	20.1
8 19	21 5.66	−10 20.7	2.065	3.062	3.9	20.3
8 29	20 59.03	−11 5.7	2.118	3.075	7.2	20.5
9 8	20 53.92	−11 46.9	2.196	3.087	10.3	20.7

154145 2002 FX_5 8 8.3 65°.98 5°.7/ 2.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 38.27	−29 29.6	2.203	3.044	12.6	20.0
7 10	21 34.62	−30 55.6	2.141	3.053	10.1	19.8
7 20	21 28.82	−32 22.0	2.103	3.063	7.6	19.7
7 30	21 21.39	−33 41.7	2.091	3.072	5.9	19.6
8 9	21 13.10	−34 48.0	2.105	3.081	6.1	19.6
8 19	21 4.87	−35 36.2	2.146	3.091	8.1	19.8
8 29	20 57.66	−36 4.1	2.212	3.100	10.5	19.9
9 8	20 52.23	−36 12.0	2.299	3.110	12.8	20.1

226345 2003 FM_{122} 8 8.3 52°.69 1°.4/ 7.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 40.40	−17 18.5	1.649	2.488	16.3	21.1
7 10	21 36.75	−17 44.9	1.575	2.490	12.8	20.9
7 20	21 30.53	−18 20.8	1.521	2.493	8.7	20.7
7 30	21 22.31	−19 1.6	1.490	2.495	4.3	20.4
8 9	21 13.04	−19 41.5	1.485	2.498	1.6	20.3
8 19	21 3.84	−20 15.3	1.506	2.500	5.7	20.5
8 29	20 55.89	−20 38.7	1.553	2.503	10.0	20.8
9 8	20 50.10	−20 49.9	1.622	2.506	13.8	21.0

312394 2008 EO_{165} 8 8.3 7°.98 3°.4/ 5.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 36.22	−21 16.8	1.929	2.774	14.0	19.7
7 10	21 33.21	−22 24.1	1.854	2.774	11.0	19.5
7 20	21 27.99	−23 38.7	1.802	2.775	7.5	19.3
7 30	21 21.03	−24 54.5	1.775	2.776	4.3	19.1
8 9	21 13.13	−26 4.6	1.774	2.777	3.7	19.1
8 19	21 5.23	−27 2.9	1.800	2.779	6.5	19.3
8 29	20 58.35	−27 45.2	1.851	2.781	10.0	19.5
9 8	20 53.29	−28 10.1	1.925	2.783	13.1	19.7

58426 1996 EA_2 8 8.3 18°.51 5°.9/12.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 28.51	− 2 27.3	0.838	1.706	25.6	17.4
7 10	21 28.87	− 2 15.0	0.794	1.715	21.2	17.2
7 20	21 25.84	− 2 36.8	0.762	1.727	16.0	17.0
7 30	21 20.17	− 3 32.9	0.747	1.741	10.5	16.7
8 9	21 13.20	− 4 56.8	0.751	1.757	6.3	16.6
8 19	21 6.49	− 6 37.1	0.774	1.774	7.5	16.7
8 29	21 1.63	− 8 19.8	0.817	1.794	12.2	17.1
9 8	20 59.68	− 9 52.7	0.879	1.815	17.0	17.4

510917 2013 EC_9 8 8.3 45°.77 1°.4/ 7.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 40.26	−19 15.5	1.983	2.815	14.2	20.9
7 10	21 36.04	−19 24.1	1.916	2.827	11.1	20.8
7 20	21 29.68	−19 37.9	1.870	2.840	7.5	20.6
7 30	21 21.75	−19 53.3	1.848	2.853	3.7	20.4
8 9	21 13.09	−20 6.5	1.854	2.866	1.5	20.2
8 19	21 4.63	−20 14.1	1.886	2.879	4.9	20.5
8 29	20 57.27	−20 14.2	1.946	2.893	8.5	20.7
9 8	20 51.75	−20 5.8	2.029	2.907	11.7	21.0

23511 1992 PB_2 8 8.3 350°.52 3°.1/10.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 35.15	− 7 10.8	1.896	2.705	15.6	18.0
7 10	21 32.26	− 6 55.4	1.810	2.701	12.7	17.8
7 20	21 27.29	− 6 53.6	1.744	2.696	9.4	17.6
7 30	21 20.68	− 7 4.9	1.701	2.693	5.8	17.4
8 9	21 13.17	− 7 27.3	1.683	2.690	3.2	17.2
8 19	21 5.64	− 7 57.4	1.691	2.687	4.8	17.3
8 29	20 59.03	− 8 31.2	1.725	2.686	8.3	17.5
9 8	20 54.12	− 9 4.1	1.783	2.684	11.8	17.7

386360 2008 TV_{67} 8 8.3 202°.95 2°.2/ 6.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 41.00	−20 1.0	2.225	3.050	13.1	22.2
7 10	21 36.63	−20 41.3	2.138	3.046	10.3	22.0
7 20	21 30.17	−21 27.9	2.074	3.042	7.0	21.8
7 30	21 22.08	−22 16.3	2.035	3.037	3.7	21.6
8 9	21 13.09	−23 1.4	2.024	3.032	2.4	21.5
8 19	21 4.06	−23 38.6	2.041	3.027	5.3	21.7
8 29	20 55.94	−24 4.8	2.085	3.020	8.7	21.9
9 8	20 49.49	−24 18.6	2.154	3.014	11.8	22.1

444689 2007 EP_9 8 8.3 269°.97 3°.4/ 5.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 41.09	−25 14.0	2.310	3.141	12.5	21.1
7 10	21 36.67	−25 39.6	2.222	3.132	9.9	21.0
7 20	21 30.17	−26 6.7	2.156	3.123	6.9	20.8
7 30	21 22.06	−26 31.1	2.116	3.114	4.2	20.6
8 9	21 13.09	−26 48.1	2.103	3.104	3.6	20.5
8 19	21 4.13	−26 54.5	2.118	3.095	5.9	20.6
8 29	20 56.10	−26 48.5	2.159	3.086	8.9	20.8
9 8	20 49.76	−26 30.0	2.225	3.076	11.8	21.0

133675 2003 UO_{193} 8 8.3 322°.98 1°.4/ 9.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 36.81	−11 15.0	1.605	2.437	17.0	20.2
7 10	21 34.09	−11 15.7	1.518	2.426	13.7	19.9
7 20	21 28.85	−11 30.3	1.449	2.415	9.7	19.7
7 30	21 21.58	−11 56.8	1.403	2.404	5.2	19.4
8 9	21 13.12	−12 31.4	1.382	2.394	1.4	19.1
8 19	21 4.55	−13 9.4	1.386	2.385	5.1	19.3
8 29	20 57.08	−13 45.5	1.414	2.376	9.7	19.6
9 8	20 51.67	−14 15.3	1.466	2.367	13.9	19.8

49624 1999 GR_{10} 8 8.3 212°.48 4°.9/ 4.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 43.06	−29 52.6	2.426	3.254	12.1	18.4
7 10	21 38.18	−30 38.4	2.344	3.249	9.7	18.2
7 20	21 31.19	−31 23.5	2.285	3.243	7.2	18.1
7 30	21 22.56	−32 2.5	2.252	3.237	5.2	17.9
8 9	21 13.06	−32 30.1	2.246	3.230	5.2	17.9
8 19	21 3.60	−32 42.8	2.268	3.224	7.0	18.0
8 29	20 55.10	−32 39.1	2.316	3.216	9.6	18.2
9 8	20 48.34	−32 19.8	2.387	3.209	12.1	18.3

254660 2005 KS_6 8 8.3 95°.53 4°.7/ 5.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 43.91	−23 34.7	1.550	2.398	16.7	20.9
7 10	21 39.67	−24 45.0	1.494	2.414	13.1	20.8
7 20	21 32.58	−26 0.6	1.458	2.429	9.1	20.6
7 30	21 23.32	−27 13.3	1.446	2.445	5.6	20.4
8 9	21 13.01	−28 14.3	1.460	2.460	5.1	20.4
8 19	21 2.96	−28 57.3	1.499	2.475	8.0	20.6
8 29	20 54.44	−29 19.3	1.563	2.489	11.7	20.9
9 8	20 48.40	−29 21.1	1.648	2.503	15.1	21.1

369724 2012 DN_{79} 8 8.3 156°.24 2°.1/ 7.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 45.91	−19 45.0	1.698	2.530	16.2	21.7
7 10	21 41.01	−20 8.4	1.624	2.535	12.8	21.5
7 20	21 33.41	−20 38.4	1.571	2.540	8.7	21.3
7 30	21 23.73	−21 10.1	1.541	2.545	4.4	21.1
8 9	21 12.99	−21 37.7	1.538	2.549	2.3	20.9
8 19	21 2.37	−21 56.6	1.562	2.552	6.0	21.2
8 29	20 53.11	−22 3.7	1.612	2.555	10.2	21.4
9 8	20 46.16	−21 58.4	1.685	2.558	13.9	21.7

387264 2012 UD_{106} 8 8.3 334°.01 1°.6/ 7.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 37.25	−18 9.0	1.429	2.285	17.5	20.5
7 10	21 34.83	−18 25.3	1.348	2.273	13.8	20.2
7 20	21 29.58	−18 51.3	1.285	2.261	9.5	19.9
7 30	21 22.00	−19 22.5	1.245	2.250	4.7	19.6
8 9	21 13.10	−19 53.1	1.228	2.240	1.8	19.4
8 19	21 4.13	−20 17.2	1.236	2.231	6.3	19.7
8 29	20 56.47	−20 30.3	1.267	2.223	11.2	19.9
9 8	20 51.21	−20 30.5	1.320	2.215	15.5	20.2

206598 2003 WX_{44} 8 8.3 308°.00 1°.1/ 9.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 39.48	−12 21.4	1.808	2.630	15.8	20.0
7 10	21 35.82	−12 17.6	1.722	2.625	12.6	19.8
7 20	21 29.82	−12 24.6	1.657	2.620	8.9	19.6
7 30	21 21.97	−12 40.6	1.615	2.616	4.7	19.3
8 9	21 13.11	−13 2.2	1.598	2.611	1.1	19.1
8 19	21 4.23	−13 25.7	1.609	2.607	4.7	19.3
8 29	20 56.40	−13 47.1	1.645	2.603	8.9	19.6
9 8	20 50.48	−14 3.4	1.706	2.599	12.7	19.8

127887 2003 GT_6 8 8.4 29°.10 3°.6/ 6.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 36.27	−18 8.8	0.984	1.867	21.4	18.6
7 10	21 34.85	−19 14.6	0.937	1.878	16.7	18.3
7 20	21 29.89	−20 35.4	0.907	1.890	11.3	18.1
7 30	21 22.18	−22 1.4	0.897	1.903	5.8	17.8
8 9	21 13.12	−23 20.7	0.908	1.918	4.0	17.8
8 19	21 4.39	−24 22.9	0.941	1.933	8.5	18.1
8 29	20 57.64	−25 1.8	0.995	1.949	13.6	18.4
9 8	20 53.96	−25 16.4	1.068	1.966	18.1	18.7

199245 2006 AR_{92} 8 8.4 52°.25 0°.2/ 8.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 40.32	−14 14.0	1.688	2.518	16.4	20.9
7 10	21 36.58	−14 22.7	1.612	2.521	13.0	20.7
7 20	21 30.37	−14 42.2	1.557	2.525	9.0	20.5
7 30	21 22.24	−15 9.4	1.524	2.528	4.5	20.2
8 9	21 13.12	−15 39.9	1.517	2.531	0.3	19.9
8 19	21 4.06	−16 8.9	1.537	2.535	5.0	20.3
8 29	20 56.20	−16 32.5	1.582	2.538	9.3	20.5
9 8	20 50.41	−16 47.8	1.651	2.542	13.2	20.8

63029 2000 WH_{57} 8 8.4 135°.53 6°.0/ 2.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 39.43	−31 21.7	2.323	3.160	12.2	19.0
7 10	21 35.52	−32 44.5	2.256	3.163	9.8	18.8
7 20	21 29.47	−34 6.7	2.212	3.166	7.6	18.7
7 30	21 21.76	−35 21.5	2.193	3.169	6.1	18.6
8 9	21 13.16	−36 22.4	2.202	3.171	6.4	18.6
8 19	21 4.58	−37 4.9	2.237	3.174	8.2	18.7
8 29	20 56.96	−37 26.9	2.297	3.176	10.5	18.9
9 8	20 51.10	−37 29.2	2.379	3.179	12.8	19.0

200228 1999 UY_{20} 8 8.4 262°.23 0°.7/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 38.47	−11 47.9	1.982	2.798	14.8	20.9
7 10	21 34.95	−12 7.5	1.884	2.784	11.8	20.7
7 20	21 29.23	−12 39.5	1.807	2.770	8.3	20.5
7 30	21 21.72	−13 21.6	1.754	2.755	4.3	20.2
8 9	21 13.16	−14 9.7	1.727	2.741	0.7	19.9
8 19	21 4.45	−14 59.0	1.728	2.726	4.5	20.2
8 29	20 56.58	−15 44.6	1.755	2.710	8.6	20.4
9 8	20 50.45	−16 22.8	1.807	2.695	12.4	20.6

70405 1999 RQ_{248} 8 8.4 332°.72 2°.2/ 7.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 37.24	−18 59.4	1.140	2.013	19.8	18.8
7 10	21 35.59	−19 11.3	1.063	1.998	15.8	18.5
7 20	21 30.55	−19 33.5	1.004	1.984	10.9	18.2
7 30	21 22.66	−20 1.0	0.965	1.971	5.5	17.8
8 9	21 13.10	−20 26.6	0.947	1.959	2.4	17.6
8 19	21 3.42	−20 43.6	0.952	1.949	7.4	17.9
8 29	20 55.36	−20 46.9	0.979	1.939	13.0	18.2
9 8	20 50.25	−20 35.1	1.024	1.931	18.0	18.4

52158 4175 T_{-1} 8 8.4 43°.63 1°.5/ 7.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 40.56	−16 55.4	1.293	2.147	19.0	19.1
7 10	21 37.39	−17 21.0	1.235	2.159	14.9	18.9
7 20	21 31.21	−17 58.2	1.196	2.171	10.1	18.6
7 30	21 22.71	−18 41.4	1.178	2.184	4.9	18.4
8 9	21 13.11	−19 23.5	1.184	2.197	1.7	18.2
8 19	21 3.77	−19 58.1	1.215	2.211	6.3	18.5
8 29	20 56.07	−20 20.6	1.269	2.225	11.2	18.8
9 8	20 50.99	−20 29.2	1.345	2.239	15.4	19.1

178022 2006 RE_{22} 8 8.4 346°.21 7°.0/13.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 27.70	+ 1 28.0	1.100	1.931	23.2	19.0
7 10	21 27.83	+ 1 31.2	1.024	1.920	19.7	18.8
7 20	21 25.08	+ 1 0.3	0.962	1.910	15.6	18.5
7 30	21 19.91	− 0 7.8	0.919	1.901	11.1	18.2
8 9	21 13.29	− 1 50.4	0.894	1.894	7.5	18.0
8 19	21 6.50	− 3 58.8	0.892	1.888	7.8	18.0
8 29	21 1.04	− 6 18.9	0.911	1.884	11.8	18.2
9 8	20 58.13	− 8 35.6	0.950	1.882	16.5	18.4

391544 2007 SU_{19} 8 8.4 322°.14 4°.1/ 5.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 40.19	−24 17.7	1.764	2.611	15.1	20.8
7 10	21 36.63	−25 0.2	1.687	2.606	11.9	20.5
7 20	21 30.51	−25 46.9	1.629	2.601	8.3	20.3
7 30	21 22.37	−26 31.6	1.596	2.595	5.1	20.1
8 9	21 13.13	−27 7.7	1.589	2.590	4.4	20.1
8 19	21 3.92	−27 30.1	1.607	2.586	7.2	20.2
8 29	20 55.91	−27 35.9	1.650	2.581	10.9	20.4
9 8	20 50.05	−27 25.1	1.715	2.577	14.3	20.6

274345 2008 RC_{37} 8 8.4 87°.47 3°.8/11.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 38.00	− 3 18.8	1.767	2.560	17.2	21.0
7 10	21 34.55	− 3 27.4	1.694	2.572	14.1	20.8
7 20	21 28.86	− 3 55.0	1.640	2.583	10.5	20.6
7 30	21 21.47	− 4 40.9	1.608	2.594	6.8	20.4
8 9	21 13.20	− 5 41.4	1.601	2.605	4.0	20.3
8 19	21 5.00	− 6 51.1	1.621	2.616	5.1	20.4
8 29	20 57.87	− 8 3.5	1.667	2.627	8.6	20.6
9 8	20 52.60	− 9 12.5	1.738	2.638	12.1	20.8

215037 2009 CR_{40} 8 8.4 270°.55 0°.6/ 8.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 40.48	−13 49.1	1.969	2.787	14.8	21.8
7 10	21 36.52	−13 48.3	1.872	2.774	11.8	21.6
7 20	21 30.30	−13 56.7	1.796	2.760	8.3	21.4
7 30	21 22.25	−14 12.1	1.745	2.747	4.2	21.1
8 9	21 13.14	−14 31.3	1.719	2.733	0.6	20.8
8 19	21 3.93	−14 50.7	1.722	2.719	4.5	21.0
8 29	20 55.64	−15 7.0	1.751	2.705	8.7	21.3
9 8	20 49.15	−15 17.4	1.804	2.691	12.4	21.5

277649 2006 BT_{128} 8 8.4 22°.97 0°.3/ 8.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 38.32	−14 55.9	1.488	2.333	17.5	20.6
7 10	21 35.32	−15 12.0	1.420	2.337	13.8	20.4
7 20	21 29.67	−15 40.2	1.370	2.342	9.5	20.2
7 30	21 21.95	−16 16.3	1.343	2.348	4.6	19.9
8 9	21 13.17	−16 54.9	1.340	2.354	0.5	19.6
8 19	21 4.51	−17 30.5	1.363	2.361	5.4	20.0
8 29	20 57.18	−17 58.2	1.410	2.368	10.1	20.3
9 8	20 52.11	−18 15.2	1.480	2.376	14.1	20.5

345019 2005 EZ_{45} 8 8.4 64°.51 2°.6/10.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 36.33	− 4 51.4	1.803	2.605	16.6	20.0
7 10	21 33.18	− 5 25.5	1.733	2.619	13.4	19.9
7 20	21 27.89	− 6 18.7	1.683	2.634	9.8	19.7
7 30	21 20.98	− 7 28.4	1.655	2.648	5.8	19.5
8 9	21 13.25	− 8 49.7	1.654	2.663	2.7	19.3
8 19	21 5.60	−10 16.2	1.680	2.678	4.5	19.5
8 29	20 58.99	−11 40.7	1.732	2.693	8.3	19.7
9 8	20 54.16	−12 57.4	1.809	2.707	11.8	20.0

342578 2008 UW_{266} 8 8.4 338°.40 4°.4/ 6.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 37.16	−23 16.5	1.311	2.180	17.9	20.3
7 10	21 35.15	−23 50.1	1.234	2.167	14.2	20.0
7 20	21 30.02	−24 30.0	1.176	2.154	10.0	19.8
7 30	21 22.31	−25 9.4	1.140	2.143	5.8	19.5
8 9	21 13.15	−25 40.2	1.126	2.132	4.7	19.4
8 19	21 3.94	−25 55.8	1.136	2.123	8.3	19.6
8 29	20 56.24	−25 52.5	1.168	2.114	12.9	19.8
9 8	20 51.22	−25 30.4	1.220	2.107	17.1	20.1

75422 1999 XH_{119} 8 8.4 232°.03 2°.9/ 6.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 43.66	−21 2.3	1.763	2.599	15.5	20.5
7 10	21 39.41	−21 39.3	1.676	2.590	12.3	20.2
7 20	21 32.48	−22 23.2	1.610	2.581	8.5	20.0
7 30	21 23.40	−23 8.7	1.569	2.571	4.6	19.7
8 9	21 13.08	−23 49.1	1.553	2.561	3.2	19.6
8 19	21 2.69	−24 18.9	1.565	2.551	6.5	19.8
8 29	20 53.47	−24 34.4	1.602	2.540	10.6	20.0
9 8	20 46.44	−24 34.7	1.661	2.529	14.4	20.2

370646 2004 BZ_{51} 8 8.4 245°.57 0°.0/ 8.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 40.54	−12 31.8	1.827	2.646	15.7	21.8
7 10	21 36.86	−13 6.5	1.728	2.631	12.6	21.5
7 20	21 30.73	−13 55.5	1.650	2.616	8.8	21.3
7 30	21 22.56	−14 55.6	1.597	2.600	4.4	21.0
8 9	21 13.14	−16 1.4	1.569	2.583	0.3	20.6
8 19	21 3.49	−17 6.6	1.569	2.566	5.0	20.9
8 29	20 54.77	−18 5.3	1.596	2.548	9.6	21.2
9 8	20 47.98	−18 52.9	1.646	2.530	13.6	21.4

480011 2014 MV_{59} 8 8.4 122°.98 4°.9/12.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 35.72	+ 0 39.6	2.315	3.073	14.6	21.4
7 10	21 32.28	+ 0 49.0	2.228	3.076	12.3	21.2
7 20	21 27.09	+ 0 42.0	2.160	3.079	9.6	21.0
7 30	21 20.55	+ 0 18.3	2.115	3.082	7.0	20.9
8 9	21 13.30	− 0 20.7	2.096	3.085	5.0	20.8
8 19	21 6.03	− 1 12.1	2.104	3.087	5.4	20.8
8 29	20 59.51	− 2 11.3	2.139	3.090	7.6	20.9
9 8	20 54.38	− 3 13.5	2.199	3.092	10.2	21.1

305531 2008 GS_2 8 8.4 130°.05 1°.0/ 7.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 38.81	−17 20.2	2.524	3.340	12.0	21.9
7 10	21 34.52	−17 47.8	2.447	3.350	9.4	21.7
7 20	21 28.50	−18 21.5	2.393	3.360	6.3	21.5
7 30	21 21.20	−18 58.0	2.365	3.369	3.1	21.3
8 9	21 13.26	−19 33.6	2.366	3.378	1.1	21.2
8 19	21 5.39	−20 5.0	2.395	3.387	4.1	21.4
8 29	20 58.33	−20 29.4	2.452	3.395	7.2	21.6
9 8	20 52.68	−20 45.2	2.535	3.403	10.0	21.8

446341 2014 GR_{40} 8 8.4 47°.06 10°.6/21.4 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 35.41	+18 43.9	1.898	2.557	20.2	21.2
7 10	21 32.32	+18 55.5	1.840	2.586	18.2	21.1
7 20	21 27.19	+18 36.3	1.795	2.615	15.9	21.0
7 30	21 20.59	+17 43.4	1.767	2.644	13.6	20.9
8 9	21 13.31	+16 17.8	1.760	2.674	11.6	20.9
8 19	21 6.22	+14 23.7	1.777	2.703	10.7	20.9
8 29	21 0.19	+12 9.2	1.818	2.733	11.0	21.0
9 8	20 55.90	+ 9 44.6	1.885	2.764	12.4	21.1

487560 2014 WV_{140} 8 8.4 19°.43 3°.1/11.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 33.20	− 3 57.6	2.837	3.610	11.8	21.1
7 10	21 29.95	− 3 49.7	2.749	3.613	9.7	20.9
7 20	21 25.30	− 3 52.8	2.682	3.616	7.3	20.8
7 30	21 19.61	− 4 6.7	2.640	3.620	4.9	20.6
8 9	21 13.37	− 4 29.9	2.624	3.624	3.2	20.5
8 19	21 7.14	− 5 0.1	2.637	3.627	3.8	20.6
8 29	21 1.51	− 5 34.5	2.677	3.632	6.1	20.7
9 8	20 56.97	− 6 10.0	2.744	3.636	8.5	20.9

82341 2001 LO_{15} 8 8.4 29°.87 1°.4/ 9.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 36.48	− 9 2.9	1.340	2.179	19.3	19.2
7 10	21 34.15	− 9 32.5	1.273	2.184	15.5	19.0
7 20	21 29.03	−10 22.6	1.223	2.190	10.9	18.7
7 30	21 21.72	−11 29.7	1.195	2.196	5.8	18.5
8 9	21 13.23	−12 47.2	1.190	2.203	1.5	18.2
8 19	21 4.81	−14 6.7	1.210	2.210	5.5	18.5
8 29	20 57.76	−15 20.0	1.254	2.218	10.4	18.8
9 8	20 53.07	−16 20.8	1.320	2.225	14.8	19.1

69580 1998 DR_7 8 8.4 240°.39 2°.7/ 6.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 43.16	−19 43.9	1.707	2.544	15.9	19.3
7 10	21 39.16	−20 27.2	1.618	2.532	12.6	19.0
7 20	21 32.43	−21 19.6	1.549	2.520	8.7	18.7
7 30	21 23.44	−22 15.7	1.503	2.507	4.6	18.5
8 9	21 13.11	−23 8.3	1.484	2.493	3.0	18.3
8 19	21 2.62	−23 51.0	1.492	2.479	6.6	18.5
8 29	20 53.27	−24 19.2	1.525	2.464	10.9	18.8
9 8	20 46.16	−24 31.1	1.580	2.449	14.9	19.0

446097 2013 CW_{197} 8 8.4 60°.90 3°.1/11.4 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 35.03	− 2 50.6	2.106	2.890	15.1	21.5
7 10	21 31.84	− 3 19.4	2.033	2.905	12.3	21.3
7 20	21 26.82	− 4 5.7	1.979	2.920	9.1	21.1
7 30	21 20.42	− 5 7.8	1.950	2.936	5.8	20.9
8 9	21 13.34	− 6 22.0	1.947	2.952	3.3	20.8
8 19	21 6.33	− 7 42.9	1.972	2.967	4.3	20.9
8 29	21 0.18	− 9 4.7	2.024	2.983	7.4	21.1
9 8	20 55.54	−10 21.9	2.102	2.999	10.5	21.4

176176 2001 KQ_{71} 8 8.4 4°.88 1°.5/ 7.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 33.18	−15 33.0	1.084	1.960	20.4	19.0
7 10	21 32.24	−16 10.0	1.023	1.959	16.1	18.8
7 20	21 28.10	−17 3.7	0.978	1.959	11.0	18.5
7 30	21 21.37	−18 8.1	0.954	1.961	5.4	18.2
8 9	21 13.27	−19 14.2	0.952	1.965	1.8	18.0
8 19	21 5.26	−20 12.7	0.971	1.969	7.0	18.3
8 29	20 58.90	−20 56.4	1.013	1.975	12.4	18.6
9 8	20 55.32	−21 21.4	1.074	1.983	17.1	18.9

244470 2002 RR_{246} 8 8.4 226°.61 1°.9/10.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 37.16	− 6 46.6	2.331	3.121	13.6	21.1
7 10	21 33.53	− 7 16.4	2.231	3.112	11.1	20.9
7 20	21 28.04	− 8 0.7	2.153	3.103	8.0	20.7
7 30	21 21.10	− 8 57.8	2.099	3.093	4.6	20.5
8 9	21 13.30	−10 4.2	2.073	3.083	1.9	20.3
8 19	21 5.38	−11 15.4	2.075	3.072	3.9	20.4
8 29	20 58.16	−12 26.1	2.106	3.061	7.4	20.6
9 8	20 52.35	−13 31.8	2.162	3.050	10.6	20.8

287179 2002 RV_{267} 8 8.4 258°.17 4°.7/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 37.44	− 1 30.4	2.154	2.925	15.2	21.0
7 10	21 33.91	− 1 14.0	2.053	2.913	12.7	20.8
7 20	21 28.41	− 1 13.4	1.971	2.900	9.9	20.6
7 30	21 21.32	− 1 29.1	1.912	2.887	6.9	20.4
8 9	21 13.29	− 2 0.1	1.879	2.874	4.9	20.3
8 19	21 5.11	− 2 43.8	1.873	2.861	5.5	20.3
8 29	20 57.67	− 3 35.7	1.894	2.847	8.2	20.4
9 8	20 51.76	− 4 30.9	1.939	2.833	11.4	20.6

166537 2002 RO_{27} 8 8.4 230°.41 1°.4/ 9.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 38.17	−10 5.3	2.094	2.901	14.4	20.8
7 10	21 34.48	−10 15.0	2.004	2.897	11.6	20.6
7 20	21 28.77	−10 36.7	1.935	2.893	8.2	20.4
7 30	21 21.46	−11 8.6	1.890	2.889	4.5	20.2
8 9	21 13.28	−11 47.3	1.872	2.884	1.5	20.0
8 19	21 5.05	−12 28.9	1.882	2.880	4.2	20.1
8 29	20 57.67	−13 9.2	1.918	2.875	7.9	20.4
9 8	20 51.92	−13 44.6	1.980	2.870	11.4	20.6

163237 2002 EO_{151} 8 8.4 105°.33 0°.3/ 8.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 41.78	−12 40.5	1.483	2.316	18.1	20.2
7 10	21 38.06	−13 2.7	1.414	2.324	14.4	20.0
7 20	21 31.57	−13 39.4	1.364	2.332	10.0	19.8
7 30	21 22.94	−14 26.9	1.336	2.340	5.0	19.5
8 9	21 13.18	−15 19.2	1.334	2.348	0.4	19.2
8 19	21 3.54	−16 9.8	1.357	2.355	5.4	19.6
8 29	20 55.29	−16 53.0	1.405	2.362	10.1	19.9
9 8	20 49.38	−17 25.2	1.476	2.369	14.3	20.1

22131 2000 UK_4 8 8.4 309°.74 0°.8/ 8.8 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 36.24	−11 53.0	1.260	2.112	19.6	18.8
7 10	21 34.54	−12 6.7	1.172	2.093	15.8	18.5
7 20	21 29.76	−12 38.8	1.101	2.073	11.2	18.2
7 30	21 22.33	−13 27.0	1.050	2.054	5.8	17.8
8 9	21 13.22	−14 25.5	1.022	2.035	0.8	17.4
8 19	21 3.77	−15 26.8	1.017	2.017	6.2	17.7
8 29	20 55.60	−16 22.6	1.035	2.000	11.9	18.0
9 8	20 50.04	−17 6.6	1.073	1.983	17.1	18.2

519773 2013 EC_{157} 8 8.4 103°.49 0°.6/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 36.71	−11 43.4	2.493	3.298	12.4	21.6
7 10	21 32.88	−12 7.7	2.416	3.310	9.8	21.5
7 20	21 27.39	−12 41.4	2.362	3.322	6.8	21.3
7 30	21 20.68	−13 22.2	2.333	3.334	3.5	21.1
8 9	21 13.35	−14 6.5	2.331	3.345	0.6	20.9
8 19	21 6.08	−14 50.8	2.359	3.356	3.5	21.1
8 29	20 59.57	−15 31.7	2.414	3.367	6.7	21.4
9 8	20 54.41	−16 6.3	2.496	3.378	9.6	21.6

449355 2013 GX_{45} 8 8.4 341°.25 3°.9/11.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 34.49	− 3 7.4	2.142	2.927	14.8	20.6
7 10	21 31.53	− 3 2.6	2.052	2.923	12.3	20.4
7 20	21 26.71	− 3 13.3	1.982	2.920	9.3	20.2
7 30	21 20.44	− 3 39.4	1.934	2.916	6.2	20.0
8 9	21 13.37	− 4 18.8	1.913	2.913	4.0	19.9
8 19	21 6.25	− 5 8.2	1.918	2.911	4.8	19.9
8 29	20 59.91	− 6 3.0	1.950	2.908	7.7	20.1
9 8	20 55.05	− 6 58.3	2.007	2.906	10.8	20.3

271326 2003 WC_{33} 8 8.4 197°.40 0°.7/ 8.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 43.26	−12 24.2	1.928	2.738	15.4	21.9
7 10	21 38.69	−12 36.3	1.839	2.735	12.3	21.6
7 20	21 31.78	−12 59.8	1.770	2.732	8.6	21.4
7 30	21 23.01	−13 32.1	1.726	2.728	4.4	21.2
8 9	21 13.20	−14 9.1	1.710	2.723	0.7	20.9
8 19	21 3.33	−14 46.4	1.720	2.718	4.6	21.1
8 29	20 54.47	−15 19.8	1.759	2.712	8.8	21.4
9 8	20 47.52	−15 46.0	1.821	2.705	12.5	21.6

125559 2001 XN_{13} 8 8.4 343°.90 3°.6/ 6.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 38.12	−21 15.9	1.034	1.916	20.8	19.1
7 10	21 36.58	−21 35.9	0.967	1.906	16.5	18.8
7 20	21 31.38	−22 4.9	0.917	1.898	11.4	18.5
7 30	21 23.14	−22 35.7	0.885	1.891	6.1	18.2
8 9	21 13.18	−22 59.9	0.875	1.885	3.8	18.0
8 19	21 3.26	−23 10.1	0.886	1.880	8.5	18.3
8 29	20 55.22	−23 2.4	0.919	1.877	13.9	18.6
9 8	20 50.40	−22 36.7	0.969	1.875	18.8	18.9

115464 2003 TO_{16} 8 8.4 290°.15 0°.7/ 8.0 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 40.93	−15 58.7	1.435	2.279	18.0	20.3
7 10	21 37.92	−16 9.8	1.343	2.261	14.4	20.0
7 20	21 31.90	−16 32.6	1.270	2.242	10.0	19.7
7 30	21 23.33	−17 3.7	1.218	2.223	5.0	19.4
8 9	21 13.17	−17 37.4	1.191	2.205	0.9	19.0
8 19	21 2.75	−18 7.6	1.189	2.186	6.2	19.4
8 29	20 53.57	−18 29.2	1.211	2.168	11.4	19.6
9 8	20 46.89	−18 39.1	1.254	2.150	16.2	19.8

344128 1999 XR_{49} 8 8.4 295°.13 3°.5/10.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 38.40	− 6 58.6	1.787	2.594	16.5	21.2
7 10	21 35.24	− 6 38.1	1.682	2.571	13.7	21.0
7 20	21 29.68	− 6 31.5	1.596	2.547	10.2	20.7
7 30	21 22.11	− 6 39.2	1.532	2.524	6.4	20.4
8 9	21 13.26	− 6 59.6	1.494	2.500	3.6	20.2
8 19	21 4.13	− 7 29.7	1.481	2.477	5.4	20.3
8 29	20 55.85	− 8 5.1	1.494	2.454	9.4	20.4
9 8	20 49.44	− 8 40.9	1.530	2.430	13.5	20.6

501860 2014 WB_{260} 8 8.4 154°.03 1°.7/ 9.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 41.46	− 9 10.8	1.630	2.445	17.5	21.9
7 10	21 37.60	− 9 28.5	1.553	2.450	14.1	21.7
7 20	21 31.19	−10 2.5	1.495	2.454	10.0	21.5
7 30	21 22.76	−10 50.5	1.459	2.458	5.5	21.2
8 9	21 13.23	−11 47.6	1.450	2.462	1.7	21.0
8 19	21 3.73	−12 47.7	1.467	2.465	5.0	21.2
8 29	20 55.42	−13 44.6	1.510	2.468	9.5	21.5
9 8	20 49.25	−14 33.5	1.576	2.470	13.5	21.7

469616 2004 QY_9 8 8.4 343°.76 5°.7/ 5.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 30.10	−23 4.2	1.069	1.961	19.4	19.9
7 10	21 30.23	−24 3.2	0.997	1.943	15.4	19.6
7 20	21 27.04	−25 12.7	0.943	1.926	10.9	19.3
7 30	21 21.03	−26 23.9	0.908	1.911	6.7	19.0
8 9	21 13.33	−27 25.5	0.894	1.898	6.2	18.9
8 19	21 5.52	−28 7.4	0.901	1.887	10.1	19.1
8 29	20 59.33	−28 23.4	0.928	1.878	14.9	19.3
9 8	20 56.11	−28 12.6	0.973	1.871	19.5	19.6

22287 1988 RL_{12} 8 8.4 294°.29 0°.2/ 8.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 36.74	−13 41.5	2.184	3.003	13.5	19.4
7 10	21 33.41	−13 56.9	2.083	2.986	10.7	19.1
7 20	21 28.09	−14 21.9	2.004	2.969	7.5	18.9
7 30	21 21.18	−14 54.3	1.950	2.953	3.8	18.7
8 9	21 13.34	−15 30.4	1.922	2.936	0.3	18.3
8 19	21 5.37	−16 6.2	1.922	2.919	4.2	18.6
8 29	20 58.17	−16 38.1	1.949	2.903	8.0	18.8
9 8	20 52.50	−17 3.0	2.001	2.886	11.5	19.0

480715 2015 SS_{11} 8 8.4 181°.93 6°.8/16.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 34.49	+ 9 56.9	2.654	3.346	14.4	21.4
7 10	21 31.15	+10 6.1	2.559	3.346	12.6	21.2
7 20	21 26.25	+ 9 56.3	2.482	3.346	10.7	21.1
7 30	21 20.16	+ 9 25.9	2.427	3.346	8.7	20.9
8 9	21 13.42	+ 8 35.5	2.397	3.346	7.2	20.8
8 19	21 6.63	+ 7 27.2	2.392	3.346	6.9	20.8
8 29	21 0.47	+ 6 5.4	2.415	3.345	7.9	20.9
9 8	20 55.51	+ 4 35.6	2.464	3.344	9.8	21.0

213374 2001 TA_{246} 8 8.4 265°.44 2°.5/10.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 36.62	− 6 46.1	2.114	2.911	14.6	21.2
7 10	21 33.26	− 6 52.5	2.022	2.906	11.9	21.0
7 20	21 27.94	− 7 12.9	1.951	2.901	8.7	20.8
7 30	21 21.08	− 7 46.2	1.903	2.895	5.2	20.5
8 9	21 13.35	− 8 29.7	1.882	2.890	2.6	20.4
8 19	21 5.57	− 9 19.4	1.888	2.885	4.3	20.5
8 29	20 58.59	−10 10.7	1.921	2.880	7.8	20.7
9 8	20 53.16	−10 59.1	1.979	2.874	11.1	20.9

75793 2000 AZ_{225} 8 8.4 351°.52 0°.4/ 8.6 18

6 30	21 34.91	−14 45.5	1.288	2.148	18.8	18.6
7 10	21 33.19	−14 38.0	1.213	2.139	15.0	18.3
7 20	21 28.56	−14 42.5	1.156	2.132	10.4	18.0
7 30	21 21.59	−14 56.5	1.120	2.126	5.3	17.7
8 9	21 13.33	−15 15.2	1.107	2.121	0.4	17.3
8 19	21 5.06	−15 33.8	1.117	2.118	5.8	17.7
8 29	20 58.19	−15 47.5	1.151	2.116	10.9	18.0
9 8	20 53.79	−15 52.9	1.204	2.115	15.5	18.3

493559 2015 KW_5 8 8.4 67°.12 7°.6/14.2 17

6 30	21 40.35	+ 4 7.1	1.716	2.470	19.0	20.6
7 10	21 36.32	+ 4 48.1	1.656	2.495	16.2	20.5
7 20	21 30.03	+ 5 6.6	1.614	2.520	13.1	20.3
7 30	21 22.06	+ 5 0.7	1.592	2.544	10.1	20.2
8 9	21 13.32	+ 4 31.5	1.594	2.569	7.9	20.1
8 19	21 4.77	+ 3 42.4	1.621	2.594	7.9	20.2
8 29	20 57.42	+ 2 39.6	1.673	2.618	9.8	20.3
9 8	20 52.02	+ 1 30.4	1.749	2.642	12.4	20.6

328632 2009 SK_{195} 8 8.4 300°.19 0°.3/ 8.1 17

6 30	21 36.96	−15 34.3	2.256	3.079	13.0	21.5
7 10	21 33.52	−15 47.8	2.156	3.061	10.3	21.3
7 20	21 28.13	−16 9.1	2.077	3.044	7.1	21.0
7 30	21 21.20	−16 35.8	2.023	3.027	3.5	20.8
8 9	21 13.37	−17 4.3	1.997	3.010	0.5	20.5
8 19	21 5.43	−17 31.1	1.997	2.993	4.2	20.8
8 29	20 58.24	−17 52.9	2.025	2.977	7.9	21.0
9 8	20 52.57	−18 7.3	2.078	2.960	11.3	21.1

13719 1998 QU_{45} 8 8.4 13°.45 5°.0/11.2 18

6 30	21 35.63	− 4 48.8	1.062	1.908	22.9	17.5
7 10	21 34.14	− 4 30.7	0.999	1.909	18.9	17.3
7 20	21 29.41	− 4 38.1	0.951	1.912	14.1	17.0
7 30	21 22.08	− 5 11.6	0.922	1.915	9.0	16.7
8 9	21 13.31	− 6 7.3	0.913	1.920	5.1	16.5
8 19	21 4.60	− 7 17.6	0.926	1.925	6.9	16.7
8 29	20 57.52	− 8 32.7	0.961	1.931	11.8	17.0
9 8	20 53.25	− 9 43.0	1.015	1.938	16.6	17.3

398990 2013 EL_{107} 8 8.4 274°.32 0°.4/ 8.0 18

6 30	21 36.71	−14 29.8	2.212	3.033	13.3	20.9
7 10	21 33.35	−15 2.2	2.117	3.021	10.5	20.7
7 20	21 28.03	−15 44.7	2.043	3.010	7.2	20.5
7 30	21 21.16	−16 34.2	1.994	2.998	3.6	20.2
8 9	21 13.39	−17 26.3	1.972	2.986	0.6	20.0
8 19	21 5.51	−18 16.3	1.978	2.974	4.3	20.2
8 29	20 58.40	−19 0.1	2.012	2.962	8.1	20.4
9 8	20 52.82	−19 34.6	2.070	2.950	11.4	20.6

305530 2008 FZ_{125} 8 8.4 255°.81 1°.6/ 6.9 18

6 30	21 37.77	−17 22.5	2.336	3.159	12.6	22.1
7 10	21 34.15	−18 11.8	2.237	3.144	9.9	21.9
7 20	21 28.58	−19 10.0	2.159	3.128	6.8	21.7
7 30	21 21.44	−20 13.2	2.108	3.112	3.4	21.4
8 9	21 13.37	−21 16.2	2.085	3.095	1.8	21.3
8 19	21 5.15	−22 14.1	2.090	3.078	4.9	21.5
8 29	20 57.64	−23 2.5	2.122	3.061	8.3	21.6
9 8	20 51.61	−23 38.8	2.179	3.044	11.5	21.8

433031 2012 SS_{12} 8 8.4 13°.17 6°.3/12.9 16

6 30	21 31.09	+ 0 8.0	1.232	2.053	21.7	20.9
7 10	21 30.07	+ 0 15.9	1.167	2.058	18.2	20.6
7 20	21 26.33	− 0 4.9	1.119	2.063	14.2	20.4
7 30	21 20.45	− 0 55.3	1.089	2.071	9.9	20.2
8 9	21 13.44	− 2 11.6	1.080	2.079	6.6	20.1
8 19	21 6.48	− 3 46.3	1.094	2.089	7.1	20.1
8 29	21 0.87	− 5 28.9	1.131	2.100	10.6	20.4
9 8	20 57.56	− 7 8.6	1.190	2.112	14.7	20.6

322607 6185 P–L 8 8.4 318°.60 3°.3/ 6.3 17

6 30	21 39.43	−23 42.7	1.886	2.729	14.4	20.8
7 10	21 36.03	−24 3.4	1.789	2.707	11.4	20.5
7 20	21 30.18	−24 27.5	1.714	2.685	8.0	20.3
7 30	21 22.33	−24 50.2	1.663	2.664	4.6	20.0
8 9	21 13.31	−25 6.4	1.637	2.643	3.5	19.9
8 19	21 4.17	−25 11.6	1.638	2.622	6.5	20.1
8 29	20 56.05	−25 3.2	1.664	2.602	10.3	20.2
9 8	20 49.91	−24 41.2	1.712	2.583	13.9	20.4

344065 1995 UB_4 8 8.4 306°.72 6°.8/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 43.41	−28 21.7	1.644	2.493	15.9	20.9
7 10	21 40.23	−29 24.9	1.530	2.447	13.0	20.6
7 20	21 33.85	−30 34.0	1.436	2.401	9.8	20.3
7 30	21 24.54	−31 40.8	1.365	2.355	7.2	20.1
8 9	21 13.16	−32 35.3	1.319	2.308	7.3	19.9
8 19	21 1.04	−33 8.5	1.297	2.261	10.3	20.0
8 29	20 49.88	−33 14.8	1.299	2.214	14.5	20.1
9 8	20 41.23	−32 53.9	1.321	2.166	18.6	20.2

508552 2016 US_{44} 8 8.4 217°.47 2°.9/10.2 18

6 30	21 42.17	− 8 30.7	2.142	2.934	14.6	21.1
7 10	21 37.54	− 8 0.7	2.050	2.931	11.9	20.9
7 20	21 30.84	− 7 40.7	1.979	2.927	8.7	20.7
7 30	21 22.53	− 7 30.5	1.932	2.923	5.3	20.5
8 9	21 13.33	− 7 28.7	1.912	2.919	2.9	20.3
8 19	21 4.10	− 7 33.4	1.920	2.915	4.6	20.4
8 29	20 55.76	− 7 41.9	1.956	2.910	7.9	20.6
9 8	20 49.08	− 7 51.4	2.017	2.906	11.2	20.8

442447 2011 UG_{197} 8 8.4 89°.36 5°.3/ 4.3 18

6 30	21 41.92	−29 34.9	2.122	2.959	13.2	21.2
7 10	21 37.56	−30 25.3	2.053	2.963	10.6	21.0
7 20	21 30.92	−31 15.0	2.006	2.966	7.8	20.8
7 30	21 22.56	−31 57.9	1.984	2.970	5.7	20.7
8 9	21 13.33	−32 28.2	1.989	2.974	5.6	20.7
8 19	21 4.22	−32 42.1	2.020	2.978	7.6	20.8
8 29	20 56.24	−32 38.2	2.076	2.982	10.3	21.0
9 8	20 50.19	−32 17.6	2.155	2.986	12.9	21.2

137963 2000 CB_{23} 8 8.4 289°.77 3°.0/ 9.9 18

6 30	21 40.01	− 8 53.1	1.546	2.367	18.0	19.4
7 10	21 36.96	− 8 34.2	1.446	2.345	14.8	19.1
7 20	21 31.15	− 8 29.7	1.364	2.323	10.9	18.8
7 30	21 22.97	− 8 39.7	1.304	2.300	6.5	18.5
8 9	21 13.29	− 9 1.8	1.268	2.278	3.1	18.2
8 19	21 3.26	− 9 32.4	1.258	2.256	5.7	18.3
8 29	20 54.26	−10 6.2	1.272	2.233	10.5	18.5
9 8	20 47.47	−10 38.1	1.308	2.211	15.1	18.7

285424 1999 VO_{101} 8 8.4 242°.95 5°.8/ 2.7 18

6 30	21 40.80	−32 58.9	2.593	3.422	11.3	21.1
7 10	21 36.48	−34 1.6	2.511	3.412	9.2	21.0
7 20	21 30.13	−35 2.7	2.452	3.402	7.2	20.8
7 30	21 22.19	−35 56.4	2.419	3.391	5.9	20.7
8 9	21 13.35	−36 37.2	2.413	3.380	6.1	20.7
8 19	21 4.48	−37 1.4	2.434	3.369	7.7	20.8
8 29	20 56.47	−37 7.3	2.480	3.358	9.9	20.9
9 8	20 50.08	−36 55.4	2.548	3.346	12.1	21.1

465207 2007 PC_{21} 8 8.4 344°.48 4°.1/ 7.1 18

6 30	21 40.03	−24 14.4	0.957	1.844	21.6	20.1
7 10	21 38.47	−24 6.3	0.890	1.832	17.3	19.8
7 20	21 32.91	−24 0.4	0.839	1.821	12.1	19.4
7 30	21 24.00	−23 49.8	0.806	1.811	6.7	19.1
8 9	21 13.24	−23 27.5	0.793	1.803	4.3	19.0
8 19	21 2.57	−22 49.0	0.802	1.797	8.8	19.2
8 29	20 54.02	−21 53.9	0.830	1.792	14.5	19.5
9 8	20 49.01	−20 45.2	0.877	1.790	19.6	19.8

282291 2002 PF_{131} 8 8.4 354°.18 0°.4/ 8.7 18

6 30	21 36.45	−11 23.5	1.775	2.601	15.8	20.6
7 10	21 33.54	−11 58.3	1.694	2.600	12.6	20.4
7 20	21 28.36	−12 47.8	1.633	2.600	8.8	20.1
7 30	21 21.38	−13 48.7	1.596	2.599	4.5	19.9
8 9	21 13.41	−14 55.6	1.585	2.599	0.4	19.6
8 19	21 5.42	−16 2.3	1.600	2.598	4.7	19.9
8 29	20 58.43	−17 2.8	1.641	2.598	9.0	20.2
9 8	20 53.30	−17 52.8	1.706	2.598	12.8	20.4

241490 2009 BQ_{133} 8 8.4 15°.04 0°.5/ 8.7 18

6 30	21 38.69	−14 6.6	1.574	2.412	17.0	20.0
7 10	21 35.49	−14 3.0	1.502	2.415	13.5	19.8
7 20	21 29.76	−14 10.1	1.449	2.419	9.4	19.5
7 30	21 22.07	−14 25.4	1.420	2.423	4.8	19.3
8 9	21 13.38	−14 44.7	1.414	2.428	0.5	19.0
8 19	21 4.79	−15 4.0	1.435	2.434	5.0	19.3
8 29	20 57.45	−15 19.3	1.480	2.440	9.5	19.6
9 8	20 52.25	−15 27.8	1.549	2.447	13.4	19.9

286471 2002 AZ_{147} 8 8.4 133°.73 5°.0/ 3.8 18

6 30	21 41.09	−29 49.8	2.465	3.296	11.8	20.8
7 10	21 36.59	−30 49.4	2.398	3.304	9.4	20.6
7 20	21 30.10	−31 48.2	2.354	3.312	7.0	20.5
7 30	21 22.12	−32 40.8	2.336	3.319	5.2	20.4
8 9	21 13.38	−33 21.9	2.346	3.326	5.3	20.4
8 19	21 4.73	−33 47.8	2.382	3.333	7.0	20.5
8 29	20 57.03	−33 57.0	2.445	3.340	9.4	20.7
9 8	20 50.99	−33 50.1	2.531	3.347	11.7	20.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
516834 2010 VV_{112}			8 8.4 214.°68	0.°3/ 8.1 18		
	h m	° ′			°	m
6 30	21 36.92	−15 7.4	3.004	3.810	10.5	22.7
7 10	21 32.90	−15 33.1	2.906	3.802	8.3	22.5
7 20	21 27.39	−16 5.4	2.831	3.794	5.7	22.3
7 30	21 20.75	−16 42.0	2.783	3.786	2.8	22.1
8 9	21 13.48	−17 19.7	2.764	3.778	0.4	21.9
8 19	21 6.15	−17 55.8	2.774	3.769	3.4	22.1
8 29	20 59.40	−18 27.4	2.813	3.759	6.2	22.3
9 8	20 53.78	−18 52.5	2.879	3.749	8.9	22.5
504917 2011 BK_{34}			8 8.4 114.°19	2.°5/ 6.8 17		
6 30	21 43.75	−20 35.7	1.717	2.554	15.9	21.8
7 10	21 39.32	−21 4.9	1.647	2.561	12.4	21.6
7 20	21 32.30	−21 40.3	1.598	2.569	8.5	21.4
7 30	21 23.30	−22 16.6	1.573	2.576	4.4	21.1
8 9	21 13.31	−22 47.8	1.574	2.584	2.7	21.0
8 19	21 3.48	−23 9.3	1.602	2.591	6.1	21.3
8 29	20 54.96	−23 18.1	1.655	2.597	10.1	21.5
9 8	20 48.66	−23 13.8	1.732	2.604	13.6	21.8
476553 2008 JR_{16}			8 8.4 192.°07	7.°1/ 1.1 18		
6 30	21 41.78	−36 48.1	2.504	3.330	11.8	21.4
7 10	21 37.41	−38 8.6	2.436	3.329	9.8	21.3
7 20	21 30.84	−39 25.1	2.392	3.328	8.1	21.2
7 30	21 22.56	−40 30.8	2.374	3.327	7.1	21.1
8 9	21 13.36	−41 19.6	2.381	3.325	7.5	21.1
8 19	21 4.16	−41 47.9	2.415	3.324	9.0	21.2
8 29	20 55.96	−41 54.3	2.472	3.322	10.9	21.4
9 8	20 49.55	−41 40.5	2.551	3.320	12.9	21.5
117925 4701 *P–L*			8 8.4 27.°95	2.°6/ 6.9 18		
6 30	21 41.36	−19 18.7	1.339	2.194	18.4	19.4
7 10	21 38.19	−19 51.5	1.272	2.197	14.5	19.1
7 20	21 31.94	−20 34.1	1.224	2.200	9.9	18.9
7 30	21 23.26	−21 20.1	1.199	2.204	5.1	18.6
8 9	21 13.32	−22 2.1	1.197	2.207	2.8	18.5
8 19	21 3.50	−22 33.4	1.219	2.211	7.0	18.8
8 29	20 55.25	−22 49.7	1.266	2.216	11.7	19.1
9 8	20 49.66	−22 50.0	1.333	2.220	15.9	19.3
480265 2015 HP_{78}			8 8.4 304.°18	1.°4/ 7.5 17		
6 30	21 40.21	−17 31.6	1.682	2.521	16.0	21.9
7 10	21 36.71	−17 54.7	1.601	2.516	12.7	21.7
7 20	21 30.66	−18 27.0	1.540	2.512	8.7	21.4
7 30	21 22.57	−19 4.3	1.502	2.507	4.3	21.2
8 9	21 13.36	−19 40.9	1.490	2.503	1.6	21.0
8 19	21 4.13	−20 11.7	1.505	2.499	5.6	21.2
8 29	20 56.08	−20 32.6	1.544	2.494	10.0	21.5
9 8	20 50.15	−20 41.6	1.606	2.490	13.9	21.7
102164 1999 RE_{220}			8 8.4 19.°62	2.°6/ 9.6 18		
6 30	21 41.23	−11 22.4	1.232	2.076	20.4	19.0
7 10	21 38.15	−10 50.4	1.166	2.079	16.5	18.7
7 20	21 31.94	−10 32.6	1.116	2.083	11.8	18.4
7 30	21 23.27	−10 28.1	1.088	2.088	6.6	18.2
8 9	21 13.32	−10 33.8	1.082	2.093	2.6	18.0
8 19	21 3.52	−10 45.8	1.100	2.099	6.0	18.2
8 29	20 55.33	−10 59.2	1.141	2.106	11.0	18.5
9 8	20 49.83	−11 10.0	1.203	2.113	15.6	18.8
150704 2001 PE_{37}			8 8.4 35.°20	6.°6/ 4.1 18		
6 30	21 37.17	−22 13.7	1.018	1.902	20.7	18.1
7 10	21 35.46	−24 15.4	0.986	1.927	16.1	17.9
7 20	21 30.24	−26 25.3	0.972	1.952	11.2	17.7
7 30	21 22.39	−28 29.0	0.980	1.979	7.3	17.6
8 9	21 13.38	−30 12.3	1.009	2.007	7.2	17.7
8 19	21 4.88	−31 25.5	1.061	2.036	10.6	17.9
8 29	20 58.41	−32 5.4	1.135	2.066	14.6	18.3
9 8	20 54.95	−32 14.6	1.226	2.096	18.2	18.6
396962 2005 QJ_{136}			8 8.4 310.°72	1.°5/ 7.3 18		
6 30	21 37.50	−17 56.4	1.965	2.800	14.2	21.0
7 10	21 34.27	−18 23.1	1.875	2.789	11.2	20.8
7 20	21 28.82	−18 57.8	1.806	2.777	7.7	20.6
7 30	21 21.62	−19 36.8	1.762	2.766	3.8	20.3
8 9	21 13.43	−20 15.2	1.744	2.756	1.6	20.1
8 19	21 5.16	−20 48.2	1.752	2.745	5.2	20.3
8 29	20 57.82	−21 12.2	1.787	2.735	9.1	20.6
9 8	20 52.25	−21 25.1	1.845	2.725	12.6	20.8
478763 2012 UZ_{110}			8 8.4 319.°08	2.°8/10.2 18		
6 30	21 35.29	− 7 42.3	1.558	2.384	17.7	21.0
7 10	21 33.08	− 7 41.8	1.466	2.368	14.5	20.7
7 20	21 28.35	− 7 58.7	1.393	2.352	10.6	20.4
7 30	21 21.52	− 8 32.4	1.341	2.337	6.3	20.2
8 9	21 13.43	− 9 19.6	1.313	2.323	2.9	19.9
8 19	21 5.15	−10 15.1	1.310	2.309	5.3	20.0
8 29	20 57.89	−11 12.5	1.331	2.296	9.8	20.3
9 8	20 52.69	−12 5.5	1.375	2.283	14.2	20.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
302051 2000 TP_{27}			8 8.4 193.°75	4.°2/12.1 18		
	h m	° ′			°	m
6 30	21 36.70	− 1 29.8	2.374	3.140	14.1	20.6
7 10	21 33.06	− 1 18.4	2.283	3.139	11.8	20.4
7 20	21 27.68	− 1 21.6	2.211	3.138	9.1	20.2
7 30	21 20.95	− 1 39.6	2.163	3.137	6.3	20.0
8 9	21 13.48	− 2 11.0	2.142	3.136	4.4	19.9
8 19	21 5.98	− 2 52.9	2.147	3.134	4.9	20.0
8 29	20 59.19	− 3 41.6	2.180	3.133	7.3	20.1
9 8	20 53.77	− 4 32.5	2.239	3.131	10.1	20.3
70798 1999 VJ_{54}			8 8.4 246.°91	1.°4/ 7.5 18		
6 30	21 39.98	−17 23.6	1.837	2.671	15.1	19.6
7 10	21 36.26	−17 51.3	1.758	2.670	11.9	19.4
7 20	21 30.19	−18 27.8	1.699	2.670	8.1	19.2
7 30	21 22.29	−19 8.7	1.665	2.669	4.0	18.9
8 9	21 13.40	−19 48.9	1.657	2.669	1.5	18.7
8 19	21 4.53	−20 23.4	1.675	2.669	5.3	19.0
8 29	20 56.74	−20 48.4	1.720	2.668	9.3	19.2
9 8	20 50.90	−21 1.9	1.788	2.668	12.9	19.5
93897 2000 WD_{143}			8 8.4 279.°33	2.°9/10.8 18		R
6 30	21 36.24	− 4 26.3	1.843	2.642	16.4	19.4
7 10	21 33.47	− 4 55.2	1.739	2.623	13.5	19.2
7 20	21 28.45	− 5 44.5	1.655	2.604	10.0	18.9
7 30	21 21.54	− 6 53.6	1.593	2.585	6.1	18.7
8 9	21 13.44	− 8 18.6	1.557	2.565	3.0	18.4
8 19	21 5.08	− 9 53.4	1.548	2.546	4.8	18.5
8 29	20 57.51	−11 30.1	1.566	2.526	9.0	18.7
9 8	20 51.70	−13 1.4	1.608	2.507	13.0	18.9
340330 2006 DU_{37}			8 8.4 220.°83	9.°4/ 3.0 18		
6 30	21 54.63	−41 5.6	1.936	2.752	15.1	20.3
7 10	21 48.17	−41 54.0	1.868	2.748	12.9	20.1
7 20	21 38.50	−42 32.7	1.820	2.745	10.8	20.0
7 30	21 26.40	−42 52.7	1.795	2.742	9.5	19.9
8 9	21 13.15	−42 47.0	1.795	2.738	9.7	19.9
8 19	21 0.27	−42 12.5	1.820	2.734	11.2	20.0
8 29	20 49.23	−41 10.9	1.869	2.730	13.4	20.1
9 8	20 41.02	−39 47.6	1.940	2.726	15.7	20.3
241425 2008 UV_{326}			8 8.4 315.°57	2.°9/ 6.2 18		
6 30	21 38.45	−20 15.9	1.822	2.665	14.8	20.8
7 10	21 35.18	−21 8.8	1.743	2.661	11.6	20.5
7 20	21 29.54	−22 9.8	1.686	2.658	8.0	20.3
7 30	21 22.00	−23 13.2	1.652	2.655	4.3	20.1
8 9	21 13.42	−24 12.3	1.645	2.652	3.2	20.0
8 19	21 4.82	−25 1.1	1.664	2.649	6.3	20.2
8 29	20 57.28	−25 35.4	1.709	2.646	10.1	20.4
9 8	20 51.71	−25 53.5	1.776	2.644	13.6	20.6
122521 2000 QR_{206}			8 8.4 283.°35	0.°1/ 8.5 18		
6 30	21 38.41	−13 2.1	1.719	2.548	16.1	19.6
7 10	21 35.31	−13 25.5	1.628	2.537	12.9	19.3
7 20	21 29.74	−14 2.4	1.557	2.525	9.0	19.1
7 30	21 22.17	−14 49.6	1.510	2.513	4.5	18.8
8 9	21 13.41	−15 42.0	1.488	2.502	0.3	18.4
8 19	21 4.52	−16 34.0	1.493	2.490	5.0	18.8
8 29	20 56.64	−17 19.9	1.523	2.479	9.6	19.0
9 8	20 50.74	−17 55.8	1.576	2.468	13.7	19.2
514011 2014 JZ_{59}			8 8.4 27.°17	4.°8/ 4.3 18		
6 30	21 37.96	−25 46.0	1.951	2.797	13.8	20.8
7 10	21 34.67	−26 56.5	1.883	2.801	10.9	20.6
7 20	21 29.09	−28 10.4	1.836	2.805	7.8	20.4
7 30	21 21.73	−29 20.8	1.815	2.809	5.3	20.3
8 9	21 13.45	−30 20.9	1.820	2.813	5.2	20.3
8 19	21 5.21	−31 5.2	1.851	2.818	7.5	20.4
8 29	20 58.05	−31 30.8	1.908	2.823	10.6	20.6
9 8	20 52.80	−31 37.5	1.986	2.828	13.4	20.8
93398 2000 SL_{287}			8 8.4 158.°39	2.°5/ 6.7 18		
6 30	21 46.30	−22 50.9	2.250	3.069	13.2	19.2
7 10	21 40.67	−23 8.8	2.172	3.076	10.3	19.0
7 20	21 32.90	−23 29.0	2.116	3.082	7.1	18.8
7 30	21 23.52	−23 47.4	2.087	3.087	3.9	18.6
8 9	21 13.35	−23 59.9	2.085	3.092	2.7	18.5
8 19	21 3.31	−24 3.4	2.113	3.097	5.3	18.7
8 29	20 54.35	−23 56.5	2.168	3.101	8.6	18.9
9 8	20 47.21	−23 39.1	2.248	3.104	11.5	19.1
336126 2008 OB_{24}			8 8.4 64.°48	1.°7/ 9.7 17		
6 30	21 37.82	− 8 6.3	1.606	2.426	17.5	20.9
7 10	21 34.72	− 8 35.9	1.537	2.436	14.1	20.7
7 20	21 29.20	− 9 23.6	1.486	2.447	10.0	20.4
7 30	21 21.81	−10 26.4	1.459	2.458	5.5	20.2
8 9	21 13.45	−11 38.8	1.456	2.468	1.8	20.0
8 19	21 5.18	−12 53.8	1.480	2.479	4.8	20.2
8 29	20 58.08	−14 4.5	1.530	2.490	9.2	20.5
9 8	20 53.02	−15 5.6	1.603	2.502	13.1	20.8

147039 2002 RX_{55} 8 8.4 342.°60 5.°3/11.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 29.39	− 5 55.5	1.038	1.898	22.3	18.7
7 10	21 29.46	− 5 20.9	0.961	1.881	18.5	18.4
7 20	21 26.44	− 5 8.9	0.900	1.866	14.0	18.1
7 30	21 20.78	− 5 21.8	0.857	1.852	9.1	17.8
8 9	21 13.51	− 5 57.8	0.833	1.840	5.4	17.6
8 19	21 6.03	− 6 51.8	0.830	1.830	7.2	17.6
8 29	20 59.97	− 7 54.8	0.848	1.822	12.2	17.9
9 8	20 56.66	− 8 57.0	0.883	1.816	17.3	18.1

13960 1991 GF_{8} 8 8.4 201.°49 3.°6/ 5.7 18

6 30	21 42.87	−25 13.9	2.266	3.094	12.8	18.7
7 10	21 38.16	−25 49.9	2.183	3.091	10.1	18.5
7 20	21 31.30	−26 28.0	2.123	3.088	7.1	18.3
7 30	21 22.78	−27 3.2	2.088	3.085	4.4	18.1
8 9	21 13.40	−27 30.5	2.081	3.081	3.8	18.1
8 19	21 4.04	−27 46.1	2.102	3.077	6.1	18.2
8 29	20 55.66	−27 48.2	2.150	3.072	9.2	18.4
9 8	20 49.04	−27 36.6	2.221	3.068	12.0	18.6

111401 2001 XT_{175} 8 8.4 53.°65 3.°2/10.7 18

6 30	21 38.29	− 6 34.9	2.087	2.881	14.9	19.5
7 10	21 34.50	− 6 17.2	2.006	2.886	12.1	19.3
7 20	21 28.75	− 6 12.1	1.946	2.892	9.0	19.2
7 30	21 21.50	− 6 19.2	1.909	2.897	5.6	19.0
8 9	21 13.48	− 6 36.6	1.898	2.903	3.2	18.8
8 19	21 5.50	− 7 1.4	1.915	2.909	4.6	18.9
8 29	20 58.42	− 7 30.0	1.958	2.915	7.7	19.1
9 8	20 52.94	− 7 58.7	2.026	2.921	10.9	19.3

474184 1999 VH_{158} 8 8.4 297.°78 9.°0/13.8 16

6 30	21 37.13	+ 5 16.5	1.814	2.563	18.3	21.7
7 10	21 34.31	+ 6 16.7	1.705	2.537	16.1	21.5
7 20	21 29.14	+ 6 58.1	1.613	2.511	13.6	21.2
7 30	21 21.95	+ 7 16.3	1.542	2.484	11.1	21.0
8 9	21 13.44	+ 7 9.0	1.493	2.458	9.3	20.8
8 19	21 4.55	+ 6 36.2	1.467	2.431	9.3	20.8
8 29	20 56.39	+ 5 41.6	1.466	2.405	11.3	20.8
9 8	20 50.01	+ 4 31.8	1.487	2.379	14.3	21.0

128453 2004 NR_{26} 8 8.4 3.°97 1.°5/ 9.4 18

6 30	21 35.01	−10 36.8	1.717	2.546	16.2	19.5
7 10	21 32.44	−10 42.8	1.640	2.546	13.0	19.3
7 20	21 27.61	−11 2.3	1.582	2.546	9.2	19.0
7 30	21 21.03	−11 33.4	1.547	2.548	5.0	18.8
8 9	21 13.51	−12 12.1	1.537	2.550	1.5	18.6
8 19	21 6.02	−12 53.8	1.553	2.552	4.6	18.8
8 29	20 59.56	−13 33.5	1.594	2.556	8.8	19.0
9 8	20 54.97	−14 7.1	1.658	2.560	12.5	19.3

90805 1994 WP_{8} 8 8.4 307.°05 4.°7/12.6 18

6 30	21 34.98	− 0 10.3	2.241	3.008	14.8	20.0
7 10	21 31.87	− 0 1.6	2.148	3.003	12.4	19.8
7 20	21 26.97	− 0 9.3	2.074	2.998	9.7	19.6
7 30	21 20.65	− 0 34.0	2.023	2.993	6.9	19.4
8 9	21 13.54	− 1 14.2	1.997	2.989	4.9	19.3
8 19	21 6.36	− 2 6.7	1.998	2.985	5.3	19.3
8 29	20 59.91	− 3 7.2	2.026	2.980	7.7	19.5
9 8	20 54.87	− 4 10.4	2.079	2.976	10.6	19.6

211289 2002 RA_{162} 8 8.4 276.°53 2.°2/10.1 18

6 30	21 37.13	− 7 54.6	1.958	2.764	15.3	20.7
7 10	21 33.88	− 8 5.1	1.868	2.759	12.4	20.5
7 20	21 28.51	− 8 30.1	1.799	2.753	9.0	20.3
7 30	21 21.47	− 9 8.3	1.753	2.748	5.2	20.0
8 9	21 13.49	− 9 56.2	1.732	2.743	2.2	19.8
8 19	21 5.44	−10 49.3	1.739	2.737	4.4	20.0
8 29	20 58.26	−11 42.6	1.773	2.732	8.2	20.2
9 8	20 52.77	−12 31.4	1.831	2.727	11.8	20.4

188432 2004 FF_{94} 8 8.4 60.°30 0.°8/ 8.9 17

6 30	21 40.44	−11 0.0	1.408	2.242	18.8	20.6
7 10	21 36.97	−11 27.2	1.353	2.262	14.9	20.4
7 20	21 30.79	−12 11.0	1.316	2.283	10.3	20.1
7 30	21 22.58	−13 7.0	1.302	2.304	5.3	19.9
8 9	21 13.43	−14 8.8	1.312	2.326	0.8	19.7
8 19	21 4.55	−15 9.2	1.348	2.347	5.2	20.0
8 29	20 57.15	−16 2.2	1.409	2.368	9.9	20.4
9 8	20 52.09	−16 43.6	1.492	2.390	13.9	20.7

337150 1999 TE_{310} 8 8.4 228.°70 0.°4/ 8.7 18

6 30	21 39.96	−13 17.0	1.945	2.764	14.9	21.8
7 10	21 36.11	−13 28.5	1.858	2.760	11.9	21.6
7 20	21 30.04	−13 50.5	1.792	2.757	8.3	21.3
7 30	21 22.23	−14 20.4	1.750	2.753	4.2	21.1
8 9	21 13.45	−14 54.3	1.735	2.749	0.4	20.8
8 19	21 4.64	−15 27.9	1.747	2.745	4.5	21.1
8 29	20 56.81	−15 57.3	1.786	2.741	8.5	21.3
9 8	20 50.77	−16 19.5	1.849	2.737	12.2	21.6

278239 2007 EL_{140} 8 8.4 198.°19 1.°0/ 9.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 41.59	−11 31.8	1.958	2.768	15.2	21.9
7 10	21 37.36	−11 42.2	1.870	2.766	12.1	21.7
7 20	21 30.90	−12 4.3	1.803	2.763	8.5	21.5
7 30	21 22.65	−12 35.8	1.760	2.760	4.5	21.2
8 9	21 13.43	−13 13.1	1.743	2.756	1.0	21.0
8 19	21 4.15	−13 51.7	1.754	2.752	4.4	21.2
8 29	20 55.85	−14 27.4	1.793	2.748	8.5	21.4
9 8	20 49.36	−14 56.8	1.856	2.743	12.2	21.7

254384 2004 TT_{181} 8 8.4 17.°50 0.°8/ 9.0 18

6 30	21 34.79	−11 17.2	1.772	2.601	15.8	20.6
7 10	21 32.16	−11 38.3	1.699	2.606	12.5	20.4
7 20	21 27.35	−12 12.8	1.646	2.612	8.7	20.2
7 30	21 20.88	−12 57.9	1.617	2.619	4.5	19.9
8 9	21 13.54	−13 48.9	1.613	2.626	0.8	19.7
8 19	21 6.26	−14 40.7	1.635	2.634	4.5	20.0
8 29	21 0.01	−15 28.0	1.683	2.643	8.6	20.2
9 8	20 55.56	−16 7.0	1.755	2.652	12.2	20.5

290925 2005 WV_{125} 8 8.4 216.°78 0.°1/ 8.3 18

6 30	21 37.79	−14 39.9	2.657	3.466	11.7	22.5
7 10	21 33.79	−15 0.5	2.562	3.460	9.2	22.4
7 20	21 28.12	−15 28.4	2.490	3.454	6.3	22.2
7 30	21 21.18	−16 1.3	2.445	3.447	3.1	21.9
8 9	21 13.53	−16 36.0	2.427	3.441	0.3	21.7
8 19	21 5.83	−17 9.2	2.438	3.433	3.6	22.0
8 29	20 58.80	−17 38.1	2.477	3.426	6.8	22.2
9 8	20 53.07	−18 0.4	2.543	3.418	9.7	22.3

385113 2012 VG_{107} 8 8.4 350.°20 4.°4/ 5.6 18

6 30	21 40.67	−24 24.8	1.659	2.509	15.7	20.5
7 10	21 37.20	−25 10.5	1.587	2.507	12.4	20.2
7 20	21 31.06	−26 0.5	1.534	2.506	8.7	20.0
7 30	21 22.80	−26 48.2	1.505	2.504	5.3	19.8
8 9	21 13.42	−27 26.5	1.502	2.503	4.7	19.8
8 19	21 4.11	−27 49.9	1.524	2.502	7.6	19.9
8 29	20 56.09	−27 55.5	1.570	2.502	11.3	20.2
9 8	20 50.35	−27 43.7	1.638	2.502	14.7	20.4

380005 2013 GG_{103} 8 8.4 205.°55 2.°2/ 6.7 18

6 30	21 41.01	−21 56.4	2.434	3.257	12.2	21.3
7 10	21 36.47	−22 16.2	2.348	3.255	9.5	21.1
7 20	21 30.03	−22 39.2	2.286	3.253	6.6	21.0
7 30	21 22.13	−23 1.7	2.249	3.250	3.5	20.8
8 9	21 13.48	−23 20.0	2.240	3.247	2.3	20.7
8 19	21 4.86	−23 30.9	2.259	3.245	4.9	20.8
8 29	20 57.10	−23 32.5	2.306	3.241	8.0	21.0
9 8	20 50.90	−23 24.3	2.377	3.238	10.8	21.2

361883 2008 FP_{66} 8 8.4 2.°81 5.°3/ 4.1 18

6 30	21 40.16	−29 22.3	2.159	2.999	12.9	20.5
7 10	21 36.23	−30 16.9	2.087	2.998	10.3	20.3
7 20	21 30.07	−31 11.4	2.037	2.998	7.6	20.2
7 30	21 22.22	−31 59.7	2.012	2.999	5.6	20.1
8 9	21 13.48	−32 36.0	2.014	2.999	5.6	20.1
8 19	21 4.80	−32 56.2	2.042	2.999	7.6	20.2
8 29	20 57.18	−32 58.4	2.095	3.000	10.3	20.3
9 8	20 51.40	−32 43.5	2.170	3.000	12.9	20.5

138835 2000 UZ_{97} 8 8.4 240.°33 0.°8/ 7.7 18

6 30	21 39.33	−17 13.0	2.691	3.502	11.4	21.5
7 10	21 35.04	−17 31.8	2.589	3.489	9.0	21.3
7 20	21 29.03	−17 56.5	2.509	3.474	6.2	21.1
7 30	21 21.66	−18 24.3	2.456	3.460	3.0	20.9
8 9	21 13.52	−18 52.1	2.432	3.445	0.9	20.7
8 19	21 5.30	−19 16.7	2.436	3.429	3.9	20.9
8 29	20 57.74	−19 35.6	2.469	3.413	7.1	21.1
9 8	20 51.48	−19 46.9	2.528	3.397	10.0	21.2

193269 2000 SK_{180} 8 8.4 5.°26 11.°0/14.9 18

6 30	21 34.22	+ 4 53.7	1.269	2.061	22.8	18.9
7 10	21 32.57	+ 6 22.8	1.202	2.060	19.9	18.7
7 20	21 28.14	+ 7 26.5	1.149	2.061	16.7	18.5
7 30	21 21.46	+ 7 58.9	1.114	2.064	13.6	18.3
8 9	21 13.53	+ 7 57.4	1.099	2.067	11.4	18.2
8 19	21 5.58	+ 7 23.5	1.104	2.072	11.2	18.2
8 29	20 58.94	+ 6 23.5	1.130	2.078	13.1	18.3
9 8	20 54.67	+ 5 7.5	1.177	2.086	16.0	18.5

476184 2007 TY_{451} 8 8.4 334.°72 11.°7/ 1.2 16

6 30	21 41.53	−39 5.3	1.365	2.226	17.8	19.9
7 10	21 39.29	−40 22.5	1.293	2.205	15.3	19.7
7 20	21 33.33	−41 32.6	1.241	2.186	13.0	19.5
7 30	21 24.23	−42 23.3	1.208	2.168	11.8	19.4
8 9	21 13.36	−42 43.7	1.197	2.151	12.3	19.4
8 19	21 2.52	−42 27.2	1.206	2.135	14.4	19.5
8 29	20 53.60	−41 33.7	1.235	2.120	17.3	19.6
9 8	20 47.96	−40 8.8	1.282	2.107	20.3	19.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
26130 1993 FQ_{11}			8 8.4 355°.41	1°.1/ 7.8 18		
	h m	° ′			°	m
6 30	21 32.96	−14 39.0	1.125	1.997	20.1	18.0
7 10	21 32.08	−15 13.4	1.058	1.992	15.9	17.7
7 20	21 28.08	−16 5.5	1.008	1.987	10.9	17.4
7 30	21 21.52	−17 10.1	0.978	1.984	5.4	17.1
8 9	21 13.53	−18 18.6	0.969	1.983	1.3	16.8
8 19	21 5.54	−19 21.8	0.984	1.982	6.7	17.2
8 29	20 59.09	−20 11.7	1.020	1.983	12.2	17.5
9 8	20 55.34	−20 43.9	1.076	1.986	17.0	17.8
503786 2016 UJ_{146}			8 8.4 173°.55	5°.2/12.9 18		
6 30	21 36.92	+ 1 4.9	2.405	3.155	14.3	20.9
7 10	21 33.22	+ 1 27.8	2.314	3.156	12.1	20.7
7 20	21 27.80	+ 1 35.5	2.243	3.156	9.6	20.6
7 30	21 21.06	+ 1 27.1	2.196	3.157	7.1	20.4
8 9	21 13.58	+ 1 3.5	2.174	3.157	5.4	20.3
8 19	21 6.08	+ 0 26.9	2.179	3.158	5.6	20.3
8 29	20 59.28	− 0 19.1	2.211	3.158	7.6	20.5
9 8	20 53.84	− 1 9.9	2.268	3.158	10.1	20.6
375708 2009 PF_{12}			8 8.4 348°.29	0°.3/ 8.6 16		
6 30	21 30.61	−12 37.3	1.058	1.933	20.8	20.1
7 10	21 30.42	−12 55.2	0.987	1.922	16.7	19.8
7 20	21 27.07	−13 33.1	0.932	1.912	11.7	19.5
7 30	21 21.09	−14 27.5	0.897	1.903	5.9	19.1
8 9	21 13.57	−15 31.1	0.883	1.897	0.4	18.7
8 19	21 5.96	−16 35.0	0.890	1.892	6.5	19.1
8 29	20 59.87	−17 30.0	0.919	1.888	12.3	19.4
9 8	20 56.55	−18 9.9	0.966	1.887	17.4	19.7
424185 2007 JB_{11}			8 8.4 57°.69	4°.5/ 5.8 17		
6 30	21 44.41	−23 51.0	1.461	2.312	17.4	20.7
7 10	21 40.06	−24 45.2	1.418	2.339	13.6	20.5
7 20	21 32.86	−25 43.0	1.394	2.366	9.4	20.3
7 30	21 23.58	−26 36.5	1.394	2.393	5.6	20.2
8 9	21 13.45	−27 18.1	1.419	2.421	4.8	20.2
8 19	21 3.78	−27 42.7	1.469	2.448	7.7	20.4
8 29	20 55.80	−27 48.6	1.543	2.475	11.4	20.7
9 8	20 50.35	−27 36.9	1.639	2.503	14.7	21.0
440985 2007 CS_{78}			8 8.4 125°.22	1°.7/ 7.1 18		
6 30	21 40.76	−20 35.4	2.418	3.240	12.3	21.2
7 10	21 36.22	−20 50.5	2.339	3.245	9.6	21.0
7 20	21 29.82	−21 9.2	2.282	3.250	6.6	20.8
7 30	21 22.03	−21 28.3	2.252	3.254	3.4	20.7
8 9	21 13.54	−21 44.2	2.249	3.259	1.8	20.6
8 19	21 5.15	−21 54.1	2.274	3.263	4.5	20.7
8 29	20 57.63	−21 56.1	2.328	3.268	7.7	21.0
9 8	20 51.66	−21 49.3	2.406	3.272	10.5	21.1
446144 2013 EE_{86}			8 8.4 98°.58	0°.6/ 8.9 18		
6 30	21 35.73	−10 9.1	2.251	3.059	13.5	21.4
7 10	21 32.46	−10 54.3	2.168	3.063	10.7	21.2
7 20	21 27.37	−11 52.6	2.106	3.066	7.5	21.0
7 30	21 20.87	−13 0.8	2.069	3.070	3.9	20.8
8 9	21 13.62	−14 14.4	2.060	3.074	0.6	20.5
8 19	21 6.34	−15 28.2	2.080	3.077	3.9	20.8
8 29	20 59.85	−16 37.0	2.127	3.081	7.4	21.0
9 8	20 54.80	−17 36.9	2.199	3.084	10.6	21.2
140322 2001 SD_{334}			8 8.4 65°.69	0°.1/ 8.4 18	R	
6 30	21 38.85	−14 24.7	1.981	2.804	14.5	20.7
7 10	21 35.11	−14 41.8	1.905	2.811	11.5	20.5
7 20	21 29.27	−15 8.5	1.851	2.817	7.9	20.3
7 30	21 21.83	−15 41.6	1.820	2.824	3.9	20.1
8 9	21 13.56	−16 17.0	1.817	2.830	0.3	19.8
8 19	21 5.37	−16 50.5	1.840	2.837	4.4	20.2
8 29	20 58.17	−17 18.4	1.890	2.844	8.2	20.4
9 8	20 52.72	−17 38.2	1.965	2.851	11.6	20.7
512645 2016 TE_{58}			8 8.4 4°.71	3°.1/ 9.8 18		
6 30	21 41.49	−10 56.1	1.489	2.317	18.3	19.9
7 10	21 37.88	−10 7.0	1.413	2.316	14.8	19.7
7 20	21 31.55	− 9 28.7	1.356	2.317	10.7	19.5
7 30	21 23.08	− 9 1.3	1.321	2.318	6.3	19.2
8 9	21 13.49	− 8 43.6	1.311	2.320	3.1	19.0
8 19	21 3.98	− 8 33.5	1.325	2.323	5.6	19.2
8 29	20 55.80	− 8 28.3	1.365	2.326	9.9	19.5
9 8	20 49.92	− 8 24.7	1.426	2.331	14.0	19.7
5975 Otakemayumi			8 8.4 232°.18	6°.5/ 4.5 18		
6 30	21 48.68	−32 13.7	1.897	2.729	14.8	16.6
7 10	21 43.37	−32 55.1	1.819	2.723	12.0	16.4
7 20	21 35.24	−33 33.6	1.762	2.717	9.1	16.2
7 30	21 24.90	−34 2.0	1.729	2.710	6.9	16.1
8 9	21 13.40	−34 13.4	1.721	2.702	6.8	16.0
8 19	21 2.01	−34 3.8	1.740	2.695	8.9	16.2
8 29	20 52.03	−33 32.8	1.784	2.687	11.8	16.3
9 8	20 44.46	−32 43.0	1.851	2.680	14.8	16.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
97151 1999 VA_{159}			8 8.4 333°.81	3°.2/ 6.8 18		
	h m	° ′			°	m
6 30	21 33.57	−20 55.8	1.187	2.066	18.8	19.0
7 10	21 32.83	−21 13.1	1.099	2.037	15.0	18.7
7 20	21 28.87	−21 39.2	1.028	2.009	10.5	18.3
7 30	21 22.10	−22 8.7	0.977	1.983	5.6	18.0
8 9	21 13.55	−22 34.1	0.947	1.958	3.5	17.8
8 19	21 4.66	−22 48.2	0.940	1.934	8.0	18.0
8 29	20 57.17	−22 45.9	0.954	1.913	13.4	18.2
9 8	20 52.49	−22 25.6	0.986	1.893	18.4	18.4
138000 2000 CK_{82}			8 8.4 244°.27	1°.1/ 7.7 18		
6 30	21 42.77	−16 39.1	1.851	2.677	15.3	19.9
7 10	21 38.67	−17 4.7	1.755	2.663	12.2	19.7
7 20	21 32.06	−17 40.0	1.680	2.648	8.4	19.4
7 30	21 23.39	−18 21.2	1.629	2.633	4.2	19.1
8 9	21 13.48	−19 3.1	1.605	2.618	1.3	18.9
8 19	21 3.40	−19 40.3	1.608	2.602	5.4	19.1
8 29	20 54.31	−20 8.5	1.637	2.585	9.7	19.4
9 8	20 47.22	−20 25.2	1.690	2.568	13.6	19.6
318560 2005 GO_{103}			8 8.4 344°.80	4°.8/11.2 17		
6 30	21 33.70	− 5 11.1	1.174	2.015	21.4	20.1
7 10	21 32.52	− 4 49.5	1.098	2.006	17.7	19.8
7 20	21 28.35	− 4 50.6	1.039	1.998	13.4	19.6
7 30	21 21.70	− 5 15.7	0.999	1.991	8.6	19.3
8 9	21 13.60	− 6 2.0	0.979	1.986	5.0	19.1
8 19	21 5.38	− 7 3.5	0.982	1.981	6.7	19.2
8 29	20 58.52	− 8 11.6	1.007	1.978	11.4	19.4
9 8	20 54.24	− 9 17.3	1.053	1.975	16.1	19.7
298229 2002 UG_{63}			8 8.4 246°.65	2°.6/10.4 18		
6 30	21 37.86	− 7 8.8	2.025	2.824	15.1	21.6
7 10	21 34.37	− 7 10.8	1.935	2.821	12.3	21.4
7 20	21 28.83	− 7 26.9	1.866	2.817	9.0	21.2
7 30	21 21.67	− 7 55.9	1.821	2.814	5.4	21.0
8 9	21 13.61	− 8 35.1	1.802	2.810	2.6	20.8
8 19	21 5.50	− 9 20.5	1.810	2.807	4.4	20.9
8 29	20 58.25	−10 7.5	1.844	2.803	8.0	21.1
9 8	20 52.64	−10 51.7	1.904	2.799	11.5	21.3
182849 2002 CO_{90}			8 8.4 87°.79	0°.3/ 8.2 18		
6 30	21 37.66	−14 19.8	2.278	3.094	13.1	20.5
7 10	21 33.87	−14 52.0	2.205	3.107	10.3	20.3
7 20	21 28.26	−15 33.2	2.154	3.120	7.0	20.2
7 30	21 21.30	−16 20.1	2.129	3.133	3.4	20.0
8 9	21 13.65	−17 8.3	2.132	3.145	0.5	19.7
8 19	21 6.08	−17 53.8	2.162	3.158	4.0	20.0
8 29	20 59.37	−18 33.0	2.220	3.170	7.4	20.3
9 8	20 54.17	−19 3.4	2.303	3.182	10.4	20.5
443474 2014 JZ_{6}			8 8.5 9°.72	5°.7/13.1 17		
6 30	21 35.53	+ 1 5.6	1.993	2.760	16.3	20.8
7 10	21 32.54	+ 1 26.3	1.908	2.761	13.8	20.6
7 20	21 27.56	+ 1 28.7	1.842	2.762	11.0	20.4
7 30	21 21.04	+ 1 11.6	1.797	2.763	8.1	20.2
8 9	21 13.67	+ 0 36.1	1.778	2.765	6.0	20.1
8 19	21 6.27	− 0 14.6	1.783	2.767	6.2	20.1
8 29	20 59.73	− 1 15.6	1.815	2.769	8.5	20.3
9 8	20 54.77	− 2 20.8	1.871	2.771	11.4	20.5
173597 2001 DD_{50}			8 8.5 167°.30	4°.2/ 5.7 17		
6 30	21 45.35	−23 52.2	1.749	2.586	15.6	21.0
7 10	21 40.76	−24 44.6	1.676	2.590	12.3	20.8
7 20	21 33.46	−25 41.7	1.624	2.593	8.6	20.6
7 30	21 24.05	−26 36.8	1.597	2.595	5.2	20.4
8 9	21 13.51	−27 22.4	1.596	2.597	4.5	20.4
8 19	21 3.05	−27 53.1	1.622	2.599	7.4	20.6
8 29	20 53.91	−28 5.9	1.673	2.600	11.0	20.8
9 8	20 47.05	−28 1.0	1.746	2.600	14.4	21.0
272222 2005 QM_{66}			8 8.5 272°.00	2°.5/ 6.9 18		
6 30	21 42.89	−20 10.7	1.732	2.569	15.7	21.4
7 10	21 39.07	−20 39.2	1.636	2.550	12.5	21.1
7 20	21 32.53	−21 15.3	1.559	2.530	8.7	20.9
7 30	21 23.72	−21 54.3	1.507	2.510	4.6	20.6
8 9	21 13.53	−22 30.1	1.480	2.490	2.7	20.4
8 19	21 3.10	−22 56.8	1.479	2.469	6.4	20.6
8 29	20 53.74	−23 10.5	1.504	2.448	10.8	20.8
9 8	20 46.57	−23 9.8	1.552	2.427	14.8	21.0
521414 2015 MG_{146}			8 8.5 246°.47	0°.1/ 8.3 18		
6 30	21 39.97	−15 18.4	2.135	2.954	13.8	21.6
7 10	21 35.95	−15 27.1	2.047	2.949	10.9	21.4
7 20	21 29.87	−15 43.8	1.979	2.945	7.5	21.2
7 30	21 22.19	−16 5.7	1.937	2.940	3.7	20.9
8 9	21 13.63	−16 29.4	1.921	2.935	0.3	20.6
8 19	21 5.04	−16 51.4	1.933	2.930	4.3	20.9
8 29	20 57.35	−17 8.4	1.973	2.925	8.1	21.2
9 8	20 51.32	−17 18.5	2.037	2.920	11.4	21.4

381842 2009 WA_{100} 8 8.5 143°.60 0°.6/ 8.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 42.36	−12 27.0	2.146	2.951	14.2	22.3
7 10	21 37.67	−12 40.2	2.067	2.961	11.3	22.1
7 20	21 30.93	−13 3.2	2.011	2.971	7.8	21.9
7 30	21 22.67	−13 33.7	1.979	2.980	4.0	21.7
8 9	21 13.61	−14 7.8	1.975	2.988	0.6	21.5
8 19	21 4.63	−14 41.8	1.999	2.996	4.1	21.8
8 29	20 56.61	−15 12.2	2.051	3.004	7.8	22.0
9 8	20 50.27	−15 36.2	2.129	3.011	11.0	22.2

203005 1999 VA_{211} 8 8.5 281°.87 7°.2/ 2.0 18

6 30	21 41.33	−30 29.0	1.901	2.745	14.2	20.3
7 10	21 37.98	−32 4.2	1.809	2.721	11.6	20.1
7 20	21 31.89	−33 43.2	1.739	2.697	9.0	19.9
7 30	21 23.47	−35 17.1	1.694	2.672	7.3	19.7
8 9	21 13.55	−36 36.6	1.674	2.647	7.8	19.7
8 19	21 3.28	−37 34.0	1.680	2.621	10.2	19.8
8 29	20 54.03	−38 4.9	1.710	2.596	13.2	19.9
9 8	20 46.95	−38 9.7	1.760	2.570	16.2	20.1

329189 2012 DQ_{31} 8 8.5 257°.45 2°.9/ 6.1 18

6 30	21 41.10	−24 32.5	2.548	3.373	11.6	20.8
7 10	21 36.60	−24 55.9	2.455	3.361	9.2	20.6
7 20	21 30.20	−25 21.0	2.384	3.349	6.4	20.4
7 30	21 22.33	−25 44.1	2.339	3.337	3.8	20.2
8 9	21 13.65	−26 1.0	2.322	3.325	3.1	20.1
8 19	21 4.94	−26 8.9	2.333	3.312	5.3	20.3
8 29	20 57.03	−26 5.8	2.372	3.300	8.2	20.4
9 8	20 50.63	−25 51.5	2.436	3.287	10.9	20.6

280586 2004 TO_{328} 8 8.5 289°.13 2°.3/ 6.8 18

6 30	21 38.67	−18 1.1	1.697	2.539	15.8	20.6
7 10	21 35.79	−18 49.3	1.602	2.519	12.5	20.4
7 20	21 30.31	−19 49.4	1.526	2.499	8.6	20.1
7 30	21 22.65	−20 56.2	1.474	2.479	4.4	19.8
8 9	21 13.62	−22 2.7	1.448	2.459	2.6	19.6
8 19	21 4.33	−23 1.7	1.448	2.438	6.4	19.8
8 29	20 56.03	−23 47.3	1.473	2.418	10.8	20.0
9 8	20 49.82	−24 16.4	1.521	2.398	14.9	20.2

42782 1998 VC_{48} 8 8.5 36°.65 3°.9/11.7 18

6 30	21 35.84	− 3 8.6	2.248	3.027	14.4	18.6
7 10	21 32.50	− 2 57.3	2.165	3.032	11.9	18.4
7 20	21 27.39	− 3 0.2	2.101	3.036	9.0	18.2
7 30	21 20.92	− 3 17.4	2.061	3.041	6.1	18.1
8 9	21 13.74	− 3 47.0	2.047	3.046	4.0	17.9
8 19	21 6.57	− 4 26.0	2.060	3.051	4.7	18.0
8 29	21 0.17	− 5 10.6	2.100	3.057	7.4	18.2
9 8	20 55.20	− 5 56.2	2.166	3.062	10.2	18.4

517235 2014 CR_{14} 8 8.5 243°.64 4°.0/ 6.1 18

6 30	21 53.46	−28 24.0	2.407	3.214	12.8	22.5
7 10	21 46.57	−28 37.8	2.300	3.193	10.3	22.3
7 20	21 37.21	−28 50.0	2.216	3.172	7.4	22.1
7 30	21 25.89	−28 55.5	2.159	3.150	4.8	21.9
8 9	21 13.45	−28 49.6	2.130	3.127	4.2	21.8
8 19	21 0.94	−28 29.3	2.132	3.103	6.4	21.9
8 29	20 49.48	−27 54.0	2.163	3.078	9.5	22.0
9 8	20 39.97	−27 5.2	2.219	3.052	12.5	22.2

436295 2010 DT_{47} 8 8.5 53°.99 2°.5/10.3 15

6 30	21 38.23	− 6 56.5	1.635	2.449	17.5	21.2
7 10	21 34.91	− 7 12.1	1.575	2.469	14.1	21.1
7 20	21 29.26	− 7 45.2	1.534	2.490	10.1	20.9
7 30	21 21.88	− 8 33.3	1.516	2.511	5.9	20.7
8 9	21 13.69	− 9 31.8	1.523	2.533	2.5	20.5
8 19	21 5.68	−10 34.6	1.555	2.554	4.7	20.7
8 29	20 58.88	−11 35.8	1.614	2.576	8.7	21.0
9 8	20 54.06	−12 30.0	1.697	2.598	12.3	21.3

13148 1995 EF 8 8.5 115°.13 0°.6/ 7.9 18

6 30	21 39.20	−14 18.9	2.188	3.004	13.6	18.6
7 10	21 35.19	−15 3.4	2.115	3.017	10.7	18.4
7 20	21 29.24	−15 57.9	2.065	3.031	7.2	18.2
7 30	21 21.84	−16 58.3	2.040	3.043	3.5	18.0
8 9	21 13.69	−17 59.8	2.043	3.056	0.7	17.8
8 19	21 5.61	−18 57.3	2.074	3.068	4.3	18.1
8 29	20 58.44	−19 46.7	2.133	3.080	7.8	18.3
9 8	20 52.86	−20 25.4	2.216	3.091	10.9	18.6

52251 1981 EF_{32} 8 8.5 36°.59 3°.8/10.4 18

6 30	21 41.86	− 8 1.5	1.482	2.300	18.8	18.8
7 10	21 38.18	− 7 26.0	1.409	2.304	15.4	18.6
7 20	21 31.79	− 7 5.2	1.354	2.309	11.3	18.4
7 30	21 23.26	− 6 59.2	1.321	2.314	6.9	18.1
8 9	21 13.61	− 7 6.3	1.311	2.319	3.8	18.0
8 19	21 4.03	− 7 22.9	1.327	2.324	5.8	18.1
8 29	20 55.79	− 7 44.7	1.368	2.329	9.9	18.4
9 8	20 49.84	− 8 6.9	1.431	2.335	14.0	18.6

316688 1996 BE_{14} 8 8.5 85°.48 1°.8/ 6.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 38.97	−18 37.7	2.382	3.205	12.4	21.2
7 10	21 34.80	−19 27.6	2.321	3.228	9.6	21.0
7 20	21 28.84	−20 23.4	2.282	3.251	6.5	20.8
7 30	21 21.58	−21 20.9	2.270	3.273	3.3	20.7
8 9	21 13.71	−22 15.1	2.286	3.295	2.0	20.6
8 19	21 5.97	−23 2.0	2.330	3.317	4.6	20.8
8 29	20 59.13	−23 38.5	2.402	3.339	7.6	21.1
9 8	20 53.78	−24 3.4	2.499	3.360	10.3	21.3

4290 Heisei 8 8.5 348°.16 4°.8/11.9 18

6 30	21 36.47	− 2 44.6	1.962	2.748	16.0	16.0
7 10	21 33.35	− 2 16.7	1.875	2.744	13.3	15.8
7 20	21 28.18	− 2 4.3	1.807	2.741	10.3	15.6
7 30	21 21.40	− 2 8.1	1.761	2.739	7.1	15.4
8 9	21 13.73	− 2 27.0	1.740	2.737	4.9	15.3
8 19	21 6.02	− 2 58.4	1.746	2.735	5.6	15.3
8 29	20 59.17	− 3 38.1	1.777	2.733	8.4	15.5
9 8	20 53.96	− 4 21.1	1.832	2.732	11.6	15.7

98512 2000 VR_{24} 8 8.5 110°.06 8°.3/14.8 18

6 30	21 39.42	+ 6 24.4	1.922	2.655	17.9	19.7
7 10	21 35.67	+ 7 14.9	1.843	2.662	15.6	19.5
7 20	21 29.76	+ 7 44.6	1.781	2.669	13.0	19.3
7 30	21 22.18	+ 7 50.8	1.740	2.676	10.4	19.2
8 9	21 13.69	+ 7 32.8	1.722	2.682	8.6	19.1
8 19	21 5.19	+ 6 52.5	1.728	2.689	8.5	19.1
8 29	20 57.64	+ 5 54.8	1.760	2.695	10.0	19.2
9 8	20 51.83	+ 4 46.4	1.815	2.701	12.4	19.4

296161 2009 BX_{123} 8 8.5 341°.65 0°.2/ 8.6 18

6 30	21 40.14	−14 46.9	1.842	2.668	15.4	21.2
7 10	21 36.40	−14 48.1	1.759	2.666	12.2	21.0
7 20	21 30.35	−14 58.5	1.697	2.664	8.4	20.8
7 30	21 22.50	−15 15.3	1.659	2.662	4.3	20.5
8 9	21 13.67	−15 34.9	1.647	2.661	0.3	20.2
8 19	21 4.86	−15 53.4	1.661	2.659	4.6	20.5
8 29	20 57.11	−16 7.5	1.702	2.658	8.8	20.8
9 8	20 51.25	−16 14.9	1.767	2.657	12.5	21.0

10749 Musäus 8 8.5 208°.97 1°.6/ 7.3 18

6 30	21 42.10	−17 12.8	1.864	2.692	15.1	19.4
7 10	21 38.05	−17 53.0	1.778	2.687	11.9	19.2
7 20	21 31.58	−18 43.1	1.714	2.683	8.2	19.0
7 30	21 23.17	−19 38.5	1.673	2.677	4.1	18.7
8 9	21 13.65	−20 33.2	1.660	2.672	1.8	18.6
8 19	21 4.06	−21 21.4	1.674	2.666	5.5	18.8
8 29	20 55.51	−21 58.5	1.714	2.659	9.6	19.0
9 8	20 48.93	−22 22.3	1.778	2.652	13.3	19.2

370594 2003 WL_{37} 8 8.5 270°.73 1°.5/ 7.7 18

6 30	21 43.64	−18 9.6	1.550	2.389	17.1	21.4
7 10	21 39.89	−18 22.9	1.460	2.375	13.7	21.1
7 20	21 33.22	−18 45.2	1.390	2.361	9.5	20.8
7 30	21 24.13	−19 12.0	1.342	2.347	4.7	20.5
8 9	21 13.59	−19 37.9	1.320	2.332	1.7	20.3
8 19	21 2.89	−19 57.3	1.323	2.318	6.1	20.5
8 29	20 53.43	−20 6.3	1.351	2.303	11.0	20.8
9 8	20 46.38	−20 3.2	1.401	2.288	15.4	21.0

233862 2008 VL_{38} 8 8.5 171°.32 0°.7/ 7.9 18

6 30	21 40.91	−16 1.9	1.976	2.800	14.6	21.0
7 10	21 36.85	−16 21.9	1.895	2.801	11.5	20.8
7 20	21 30.58	−16 50.6	1.834	2.802	7.9	20.6
7 30	21 22.60	−17 24.6	1.799	2.803	3.9	20.4
8 9	21 13.70	−17 59.2	1.790	2.803	0.8	20.1
8 19	21 4.82	−18 30.3	1.808	2.804	4.7	20.4
8 29	20 56.94	−18 54.2	1.854	2.804	8.6	20.7
9 8	20 50.88	−19 8.8	1.923	2.804	12.1	20.9

511105 2013 VP_{21} 8 8.5 338°.45 5°.0/ 4.9 17

6 30	21 24.76	−18 11.7	0.954	1.855	20.4	20.2
7 10	21 26.35	−19 40.1	0.878	1.830	16.2	19.8
7 20	21 24.71	−21 32.5	0.819	1.807	11.2	19.4
7 30	21 20.19	−23 39.8	0.779	1.786	6.3	19.1
8 9	21 13.82	−25 47.5	0.759	1.766	5.7	19.0
8 19	21 7.10	−27 39.3	0.760	1.749	10.5	19.2
8 29	21 1.92	−29 1.8	0.779	1.734	16.2	19.4
9 8	20 59.80	−29 48.8	0.815	1.722	21.3	19.7

222227 2000 GH 8 8.5 74°.24 2°.2/ 7.2 17

6 30	21 43.35	−18 49.2	1.525	2.367	17.2	20.8
7 10	21 39.25	−19 22.6	1.466	2.383	13.5	20.6
7 20	21 32.42	−20 4.4	1.426	2.399	9.2	20.4
7 30	21 23.53	−20 48.9	1.410	2.414	4.6	20.2
8 9	21 13.66	−21 29.5	1.419	2.430	2.4	20.1
8 19	21 4.04	−22 0.7	1.454	2.446	6.2	20.3
8 29	20 55.90	−22 18.9	1.515	2.462	10.4	20.6
9 8	20 50.13	−22 23.3	1.597	2.477	14.1	20.9

77984 2002 JO_{28} 8 8.5 26°.78 5°.7/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 37.27	− 2 46.7	1.244	2.066	21.5	19.0
7 10	21 35.03	− 2 21.7	1.178	2.071	17.9	18.8
7 20	21 29.88	− 2 20.7	1.129	2.077	13.7	18.5
7 30	21 22.42	− 2 44.6	1.098	2.084	9.2	18.3
8 9	21 13.72	− 3 30.9	1.090	2.091	6.0	18.2
8 19	21 5.09	− 4 33.6	1.104	2.099	7.0	18.2
8 29	20 57.89	− 5 44.3	1.142	2.108	10.9	18.5
9 8	20 53.18	− 6 54.3	1.201	2.117	15.1	18.8

331518 2000 JE_{31} 8 8.5 71°.58 7°.2/13.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 41.05	+ 1 50.0	1.585	2.358	19.7	20.0
7 10	21 37.22	+ 2 32.4	1.521	2.376	16.7	19.8
7 20	21 30.94	+ 2 52.7	1.475	2.394	13.3	19.6
7 30	21 22.78	+ 2 49.0	1.449	2.412	9.9	19.5
8 9	21 13.71	+ 2 22.1	1.446	2.430	7.5	19.4
8 19	21 4.78	+ 1 35.9	1.468	2.448	7.7	19.4
8 29	20 57.12	+ 0 36.5	1.515	2.466	10.1	19.6
9 8	20 51.55	− 0 28.6	1.584	2.483	13.2	19.8

513706 2012 CK_{51} 8 8.5 233°.41 3°.0/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 35.06	− 1 15.6	2.632	3.392	13.0	21.6
7 10	21 31.74	− 1 52.8	2.529	3.385	10.7	21.4
7 20	21 26.83	− 2 46.4	2.448	3.379	8.1	21.3
7 30	21 20.68	− 3 55.5	2.392	3.372	5.3	21.1
8 9	21 13.82	− 5 17.0	2.363	3.365	3.2	20.9
8 19	21 6.86	− 6 46.8	2.363	3.357	3.9	21.0
8 29	21 0.49	− 8 19.4	2.393	3.350	6.6	21.1
9 8	20 55.31	− 9 49.5	2.450	3.342	9.4	21.3

56614 2000 JQ_{63} 8 8.5 127°.31 2°.7/ 7.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 45.34	−19 56.7	1.393	2.240	18.3	18.9
7 10	21 41.31	−20 26.0	1.324	2.244	14.5	18.7
7 20	21 34.16	−21 3.8	1.274	2.247	9.9	18.4
7 30	21 24.53	−21 43.9	1.247	2.251	5.1	18.2
8 9	21 13.61	−22 19.0	1.244	2.255	2.9	18.0
8 19	21 2.82	−22 42.9	1.267	2.258	6.9	18.3
8 29	20 53.63	−22 52.1	1.313	2.261	11.6	18.6
9 8	20 47.13	−22 46.0	1.382	2.264	15.8	18.8

270734 2002 QC_{144} 8 8.5 349°.27 1°.2/ 7.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 39.40	−17 12.1	1.740	2.577	15.6	21.3
7 10	21 36.02	−17 32.3	1.661	2.575	12.3	21.1
7 20	21 30.20	−18 1.5	1.603	2.574	8.5	20.9
7 30	21 22.48	−18 35.5	1.568	2.572	4.2	20.6
8 9	21 13.73	−19 9.4	1.558	2.571	1.3	20.4
8 19	21 4.99	−19 38.2	1.575	2.570	5.3	20.7
8 29	20 57.38	−19 58.1	1.618	2.569	9.5	20.9
9 8	20 51.78	−20 7.1	1.683	2.569	13.3	21.2

192040 2005 YF_{287} 8 8.5 214°.06 2°.0/ 9.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 43.33	−11 9.5	1.877	2.685	15.8	20.0
7 10	21 38.85	−10 47.2	1.790	2.683	12.7	19.8
7 20	21 32.03	−10 34.8	1.724	2.681	9.1	19.5
7 30	21 23.36	−10 31.4	1.681	2.678	5.1	19.3
8 9	21 13.69	−10 34.8	1.665	2.676	2.0	19.1
8 19	21 4.00	−10 42.2	1.676	2.673	4.6	19.3
8 29	20 55.37	−10 50.7	1.713	2.670	8.7	19.5
9 8	20 48.66	−10 57.5	1.775	2.667	12.4	19.7

259797 2004 BX_{69} 8 8.5 224°.31 1°.5/ 9.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 43.13	−10 40.1	1.922	2.727	15.6	21.5
7 10	21 38.79	−10 41.8	1.826	2.718	12.6	21.2
7 20	21 32.08	−10 55.7	1.750	2.707	9.0	21.0
7 30	21 23.45	−11 19.9	1.698	2.697	4.9	20.7
8 9	21 13.69	−11 51.3	1.673	2.685	1.5	20.5
8 19	21 3.80	−12 25.7	1.676	2.673	4.6	20.7
8 29	20 54.84	−12 58.9	1.705	2.661	8.8	20.9
9 8	20 47.74	−13 27.3	1.759	2.648	12.6	21.1

371629 2007 AQ_{8} 8 8.5 234°.30 0°.1/ 8.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 41.45	−12 58.1	1.938	2.753	15.1	22.3
7 10	21 37.50	−13 23.1	1.841	2.741	12.1	22.0
7 20	21 31.22	−14 0.3	1.765	2.729	8.4	21.8
7 30	21 23.03	−14 46.8	1.714	2.716	4.3	21.5
8 9	21 13.72	−15 37.9	1.689	2.703	0.2	21.2
8 19	21 4.23	−16 28.4	1.692	2.689	4.7	21.5
8 29	20 55.65	−17 13.4	1.722	2.675	9.0	21.7
9 8	20 48.90	−17 49.2	1.776	2.660	12.8	21.9

496626 2015 RD_{98} 8 8.5 284°.66 3°.1/ 6.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 42.82	−24 23.9	2.325	3.151	12.6	21.8
7 10	21 38.32	−24 43.7	2.219	3.126	10.0	21.6
7 20	21 31.64	−25 5.8	2.135	3.101	7.0	21.3
7 30	21 23.20	−25 25.8	2.076	3.075	4.1	21.1
8 9	21 13.71	−25 39.4	2.045	3.049	3.2	21.0
8 19	21 4.07	−25 43.0	2.042	3.022	5.8	21.1
8 29	20 55.25	−25 34.4	2.065	2.996	9.0	21.3
9 8	20 48.10	−25 13.6	2.114	2.969	12.2	21.4

192494 1998 HF_{62} 8 8.5 35°.41 9°.9/ 2.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 45.66	−36 38.0	1.451	2.305	17.4	18.9
7 10	21 41.79	−37 54.3	1.405	2.315	14.4	18.8
7 20	21 34.52	−39 3.3	1.377	2.326	11.7	18.6
7 30	21 24.67	−39 54.0	1.371	2.337	10.0	18.6
8 9	21 13.64	−40 18.0	1.388	2.349	10.3	18.6
8 19	21 3.04	−40 11.0	1.428	2.362	12.2	18.8
8 29	20 54.41	−39 34.3	1.489	2.375	14.8	19.0
9 8	20 48.76	−38 33.0	1.569	2.388	17.4	19.2

35126 1992 EM_{25} 8 8.5 155°.91 0°.8/ 9.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 38.55	−11 6.1	1.924	2.739	15.2	19.4
7 10	21 35.06	−11 27.7	1.841	2.740	12.1	19.2
7 20	21 29.40	−12 2.3	1.779	2.741	8.5	19.0
7 30	21 22.05	−12 47.1	1.741	2.742	4.5	18.8
8 9	21 13.78	−13 38.0	1.729	2.743	0.9	18.5
8 19	21 5.50	−14 29.8	1.745	2.743	4.3	18.8
8 29	20 58.17	−15 17.7	1.787	2.744	8.4	19.0
9 8	20 52.59	−15 57.8	1.854	2.745	12.0	19.3

195504 2002 GM_{177} 8 8.5 242°.66 7°.5/15.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 36.18	+ 8 37.0	1.986	2.710	17.7	20.6
7 10	21 33.21	+ 8 36.0	1.891	2.704	15.5	20.4
7 20	21 28.18	+ 8 9.7	1.812	2.699	12.9	20.2
7 30	21 21.48	+ 7 15.8	1.754	2.693	10.2	20.0
8 9	21 13.82	+ 5 55.2	1.719	2.687	8.1	19.9
8 19	21 6.03	+ 4 11.9	1.710	2.681	7.7	19.9
8 29	20 59.04	+ 2 13.0	1.728	2.675	9.4	19.9
9 8	20 53.69	+ 0 7.7	1.771	2.669	12.1	20.1

115928 2003 WB_{19} 8 8.5 331°.94 2°.8/ 7.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 40.33	−20 50.0	1.172	2.041	19.7	18.8
7 10	21 38.12	−20 57.4	1.096	2.028	15.7	18.5
7 20	21 32.46	−21 12.2	1.037	2.016	10.9	18.2
7 30	21 23.90	−21 29.0	0.999	2.004	5.7	17.9
8 9	21 13.68	−21 40.6	0.982	1.994	3.0	17.7
8 19	21 3.39	−21 41.3	0.989	1.984	7.6	17.9
8 29	20 54.76	−21 27.7	1.018	1.976	12.9	18.2
9 8	20 49.12	−20 59.4	1.066	1.968	17.8	18.4

420343 2012 BU_{45} 8 8.5 187°.61 1°.2/ 7.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 43.13	−15 43.2	1.621	2.453	16.9	22.5
7 10	21 39.19	−16 19.4	1.542	2.453	13.3	22.3
7 20	21 32.55	−17 7.8	1.483	2.452	9.2	22.0
7 30	21 23.73	−18 3.6	1.447	2.451	4.5	21.7
8 9	21 13.70	−19 0.3	1.437	2.450	1.3	21.5
8 19	21 3.64	−19 51.2	1.453	2.448	5.7	21.8
8 29	20 54.82	−20 31.2	1.496	2.446	10.3	22.1
9 8	20 48.25	−20 57.5	1.561	2.443	14.3	22.3

445448 2010 UA_{81} 8 8.5 324°.73 9°.4/31.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 41.41	−38 59.5	1.930	2.769	14.2	20.2
7 10	21 38.07	−40 26.6	1.860	2.757	12.1	20.1
7 20	21 31.91	−41 48.3	1.811	2.745	10.3	19.9
7 30	21 23.45	−42 55.3	1.786	2.734	9.5	19.9
8 9	21 13.72	−43 39.6	1.784	2.723	10.0	19.9
8 19	21 3.96	−43 56.3	1.806	2.712	11.7	20.0
8 29	20 55.53	−43 44.1	1.850	2.702	13.9	20.1
9 8	20 49.47	−43 5.9	1.912	2.692	16.2	20.2

37303 2001 EF_{23} 8 8.5 265°.36 3°.7/11.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 36.79	− 3 20.3	1.961	2.749	15.9	19.0
7 10	21 33.70	− 3 28.1	1.867	2.741	13.2	18.8
7 20	21 28.53	− 3 53.8	1.791	2.733	9.9	18.6
7 30	21 21.66	− 4 37.1	1.739	2.725	6.5	18.4
8 9	21 13.82	− 5 35.1	1.713	2.716	3.8	18.2
8 19	21 5.86	− 6 43.4	1.713	2.708	4.9	18.2
8 29	20 58.72	− 7 56.0	1.740	2.700	8.3	18.4
9 8	20 53.23	− 9 7.0	1.792	2.692	11.8	18.6

425967 2011 HY_{43} 8 8.5 101°.62 0°.1/ 8.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 39.85	−12 50.8	1.787	2.610	15.9	21.4
7 10	21 36.19	−13 27.9	1.715	2.620	12.5	21.2
7 20	21 30.21	−14 17.9	1.663	2.630	8.6	21.0
7 30	21 22.46	−15 16.9	1.636	2.639	4.3	20.8
8 9	21 13.78	−16 19.2	1.635	2.648	0.3	20.5
8 19	21 5.17	−17 18.9	1.661	2.657	4.8	20.8
8 29	20 57.67	−18 10.7	1.713	2.666	8.9	21.1
9 8	20 52.08	−18 51.2	1.789	2.675	12.6	21.3

175322 2005 MV_{37} 8 8.5 349°.91 0°.6/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 38.08	−12 20.8	2.061	2.877	14.3	21.0
7 10	21 34.54	−12 34.1	1.976	2.876	11.4	20.8
7 20	21 28.97	−12 58.0	1.913	2.876	7.9	20.6
7 30	21 21.82	−13 30.3	1.874	2.876	4.1	20.3
8 9	21 13.82	−14 7.1	1.862	2.875	0.6	20.1
8 19	21 5.82	−14 44.4	1.877	2.875	4.1	20.3
8 29	20 58.70	−15 18.3	1.919	2.875	7.9	20.6
9 8	20 53.22	−15 45.7	1.986	2.875	11.4	20.8

295404 2008 JM_{15} 8 8.5 112°.96 0°.6/ 9.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 36.62	−11 34.2	2.345	3.153	13.0	21.1
7 10	21 33.12	−12 0.2	2.261	3.157	10.3	20.9
7 20	21 27.84	−12 36.7	2.199	3.160	7.2	20.7
7 30	21 21.22	−13 21.2	2.162	3.163	3.7	20.5
8 9	21 13.87	−14 10.1	2.153	3.166	0.6	20.3
8 19	21 6.52	−14 59.3	2.172	3.169	3.7	20.5
8 29	20 59.94	−15 44.7	2.218	3.173	7.1	20.8
9 8	20 54.77	−16 23.5	2.290	3.176	10.2	21.0

127021 2002 GP_{16} 8 8.5 319°.16 17°.7/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	22 7.85	−60 36.0	1.689	2.450	19.1	18.8
7 10	22 1.78	−62 15.8	1.646	2.440	18.2	18.7
7 20	21 49.69	−63 32.8	1.619	2.430	17.8	18.6
7 30	21 32.62	−64 12.6	1.609	2.421	17.7	18.6
8 9	21 13.27	−64 4.9	1.615	2.412	18.3	18.6
8 19	20 55.07	−63 6.7	1.638	2.404	19.2	18.7
8 29	20 40.98	−61 23.1	1.677	2.396	20.4	18.7
9 8	20 32.38	−59 4.9	1.731	2.388	21.6	18.8

362397 2010 OF_{75} 8 8.5 257°.16 9°.7/28.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 46.00	−45 37.3	2.467	3.273	12.5	20.7
7 10	21 41.35	−47 7.9	2.401	3.262	11.1	20.6
7 20	21 33.99	−48 29.8	2.357	3.251	10.0	20.5
7 30	21 24.46	−49 35.0	2.337	3.240	9.7	20.4
8 9	21 13.71	−50 16.8	2.340	3.228	10.2	20.4
8 19	21 2.91	−50 31.5	2.367	3.216	11.5	20.5
8 29	20 53.34	−50 18.8	2.416	3.205	13.0	20.6
9 8	20 46.00	−49 41.7	2.483	3.193	14.6	20.7

358682 2007 YA_{36} 8 8.5 266°.23 1°.4/ 7.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 38.79	−17 33.5	2.068	2.897	13.8	21.3
7 10	21 35.21	−18 6.4	1.981	2.891	10.9	21.1
7 20	21 29.51	−18 47.4	1.915	2.885	7.4	20.9
7 30	21 22.14	−19 32.6	1.875	2.879	3.7	20.6
8 9	21 13.84	−20 17.3	1.861	2.873	1.6	20.4
8 19	21 5.49	−20 56.7	1.875	2.867	4.9	20.7
8 29	20 58.04	−21 26.9	1.915	2.861	8.7	20.9
9 8	20 52.28	−21 45.9	1.979	2.855	12.0	21.1

379390 2009 YE_{6} 8 8.5 203°.30 2°.5/ 6.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 43.18	−21 42.8	2.514	3.331	12.0	22.5
7 10	21 38.28	−22 21.7	2.423	3.326	9.4	22.4
7 20	21 31.42	−23 4.9	2.354	3.319	6.5	22.2
7 30	21 23.04	−23 48.3	2.312	3.312	3.6	22.0
8 9	21 13.80	−24 27.2	2.298	3.304	2.6	21.9
8 19	21 4.51	−24 57.9	2.314	3.296	5.1	22.0
8 29	20 56.01	−25 17.6	2.357	3.286	8.2	22.2
9 8	20 49.05	−25 25.4	2.426	3.276	11.0	22.4

388715 2007 VO_{130} 8 8.5 187°.40 2°.0/10.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 38.13	− 8 27.0	2.008	2.812	15.0	21.4
7 10	21 34.64	− 8 35.8	1.922	2.812	12.1	21.2
7 20	21 29.08	− 8 58.2	1.857	2.812	8.7	21.0
7 30	21 21.92	− 9 32.6	1.816	2.812	5.0	20.8
8 9	21 13.87	−10 15.7	1.801	2.812	2.0	20.6
8 19	21 5.79	−11 3.2	1.813	2.811	4.2	20.7
8 29	20 58.61	−11 50.4	1.852	2.811	8.0	20.9
9 8	20 53.08	−12 33.2	1.916	2.811	11.5	21.2

159353 2007 EU_{88} 8 8.5 13°.31 0°.0/ 8.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 36.80	−14 33.5	1.828	2.661	15.2	20.3
7 10	21 33.77	−14 44.2	1.754	2.664	12.0	20.1
7 20	21 28.55	−15 4.7	1.699	2.668	8.3	19.9
7 30	21 21.65	−15 32.1	1.669	2.673	4.1	19.6
8 9	21 13.88	−16 2.3	1.664	2.678	0.2	19.3
8 19	21 6.18	−16 31.1	1.686	2.684	4.5	19.7
8 29	20 59.52	−16 54.5	1.733	2.690	8.6	19.9
9 8	20 54.66	−17 10.2	1.804	2.697	12.1	20.2

509793 2008 UO_{247} 8 8.5 252°.47 0°.8/ 9.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 40.14	−11 54.3	2.108	2.917	14.3	22.7
7 10	21 36.29	−12 8.0	2.006	2.902	11.5	22.4
7 20	21 30.31	−12 33.0	1.925	2.886	8.1	22.2
7 30	21 22.59	−13 7.1	1.869	2.869	4.2	21.9
8 9	21 13.83	−13 46.7	1.839	2.852	0.8	21.6
8 19	21 4.90	−14 27.7	1.837	2.835	4.3	21.9
8 29	20 56.76	−15 5.8	1.863	2.818	8.2	22.1
9 8	20 50.25	−15 37.6	1.913	2.800	11.9	22.3

434668 2005 YL_{275} 8 8.5 126°.32 8°.2/ 1.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 49.58	−38 54.7	2.232	3.049	13.3	21.2
7 10	21 43.77	−40 17.2	2.183	3.066	11.2	21.1
7 20	21 35.36	−41 32.6	2.156	3.083	9.3	21.0
7 30	21 25.00	−42 32.8	2.154	3.099	8.3	21.0
8 9	21 13.71	−43 11.4	2.178	3.114	8.6	21.0
8 19	21 2.67	−43 25.0	2.228	3.128	10.0	21.2
8 29	20 53.03	−43 14.0	2.301	3.142	11.9	21.3
9 8	20 45.66	−42 41.5	2.395	3.156	13.8	21.5

514934 2008 UR_{304} 8 8.5 284°.70 1°.5/ 9.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 38.87	− 9 32.5	1.881	2.693	15.6	22.1
7 10	21 35.72	− 9 47.4	1.769	2.664	12.7	21.8
7 20	21 30.21	−10 17.2	1.676	2.635	9.2	21.5
7 30	21 22.68	−11 0.7	1.607	2.606	5.1	21.2
8 9	21 13.84	−11 54.4	1.564	2.576	1.6	20.9
8 19	21 4.61	−12 53.2	1.548	2.547	4.7	21.1
8 29	20 56.13	−13 51.3	1.558	2.516	9.2	21.3
9 8	20 49.42	−14 43.5	1.592	2.486	13.4	21.5

150327 1999 VY_{139} 8 8.5 1°.65 0°.5/ 8.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 37.29	−13 17.3	1.996	2.818	14.5	20.6
7 10	21 34.00	−13 26.1	1.914	2.818	11.5	20.4
7 20	21 28.65	−13 45.0	1.853	2.818	8.0	20.2
7 30	21 21.70	−14 11.3	1.816	2.818	4.1	19.9
8 9	21 13.90	−14 41.7	1.805	2.818	0.5	19.6
8 19	21 6.11	−15 12.0	1.821	2.819	4.2	19.9
8 29	20 59.25	−15 38.7	1.864	2.820	8.1	20.2
9 8	20 54.06	−15 58.8	1.930	2.822	11.5	20.4

271843 2004 TG_{217} 8 8.5 44°.70 5°.1/ 5.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 45.01	−26 35.9	1.478	2.330	17.2	20.1
7 10	21 40.85	−27 9.8	1.420	2.340	13.6	19.9
7 20	21 33.68	−27 44.9	1.381	2.351	9.7	19.7
7 30	21 24.25	−28 13.7	1.366	2.363	6.1	19.5
8 9	21 13.77	−28 29.4	1.375	2.374	5.4	19.5
8 19	21 3.63	−28 27.6	1.409	2.387	8.2	19.7
8 29	20 55.15	−28 7.4	1.466	2.399	11.9	20.0
9 8	20 49.28	−27 30.9	1.546	2.412	15.3	20.2

141140 2001 XZ_{95} 8 8.5 143°.80 0°.7/ 7.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 39.36	−16 27.0	2.894	3.700	10.9	21.4
7 10	21 34.84	−16 54.4	2.815	3.711	8.5	21.3
7 20	21 28.80	−17 27.5	2.759	3.722	5.8	21.1
7 30	21 21.64	−18 3.6	2.730	3.733	2.8	20.9
8 9	21 13.92	−18 39.4	2.730	3.743	0.8	20.8
8 19	21 6.23	−19 12.0	2.760	3.752	3.5	21.0
8 29	20 59.24	−19 38.8	2.818	3.761	6.3	21.2
9 8	20 53.48	−19 58.4	2.903	3.770	8.9	21.4

346690 2008 YE_{113} 8 8.5 148°.15 0°.2/ 8.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 44.62	−16 17.3	2.525	3.326	12.4	21.5
7 10	21 39.13	−16 17.0	2.444	3.336	9.8	21.3
7 20	21 31.82	−16 21.9	2.385	3.346	6.7	21.1
7 30	21 23.16	−16 29.9	2.353	3.355	3.3	20.9
8 9	21 13.84	−16 38.2	2.350	3.363	0.3	20.7
8 19	21 4.62	−16 44.3	2.376	3.371	3.7	21.0
8 29	20 56.28	−16 46.4	2.431	3.378	7.0	21.2
9 8	20 49.45	−16 43.2	2.513	3.385	9.9	21.4

195445 2002 GQ_{78} 8 8.5 133°.66 1°.7/ 7.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 38.28	−15 4.0	1.871	2.701	15.0	19.9
7 10	21 35.02	−16 16.8	1.793	2.704	11.8	19.6
7 20	21 29.50	−17 42.8	1.736	2.707	8.0	19.4
7 30	21 22.19	−19 16.5	1.705	2.709	3.9	19.2
8 9	21 13.88	−20 50.4	1.701	2.712	1.9	19.0
8 19	21 5.52	−22 17.2	1.724	2.714	5.5	19.3
8 29	20 58.14	−23 30.7	1.774	2.717	9.4	19.5
9 8	20 52.60	−24 27.3	1.848	2.719	13.0	19.8

24199 Tsarevsky 8 8.5 228°.44 1°.7/10.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 36.66	− 8 28.0	2.641	3.431	12.2	19.3
7 10	21 32.99	− 8 38.8	2.543	3.424	9.9	19.1
7 20	21 27.71	− 9 0.2	2.467	3.417	7.1	19.0
7 30	21 21.18	− 9 30.8	2.416	3.410	4.1	18.8
8 9	21 13.94	−10 8.2	2.393	3.403	1.7	18.6
8 19	21 6.64	−10 49.3	2.398	3.395	3.5	18.7
8 29	20 59.96	−11 30.7	2.432	3.387	6.5	18.9
9 8	20 54.52	−12 9.2	2.491	3.379	9.4	19.0

344733 2003 UX_{139} 8 8.5 3°.07 1°.6/ 7.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 28.28	−14 28.7	1.065	1.947	20.2	19.1
7 10	21 28.52	−15 19.9	1.005	1.945	15.9	18.8
7 20	21 25.74	−16 30.5	0.962	1.944	10.9	18.5
7 30	21 20.52	−17 54.0	0.939	1.946	5.3	18.2
8 9	21 13.97	−19 20.3	0.937	1.950	1.8	18.0
8 19	21 7.49	−20 38.8	0.958	1.956	7.0	18.4
8 29	21 2.52	−21 40.6	0.999	1.964	12.3	18.7
9 8	21 0.15	−22 20.9	1.061	1.974	16.9	19.0

445356 2010 NA_{98} 8 8.5 351°.01 7°.2/14.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 33.89	+ 4 58.7	1.927	2.679	17.3	21.5
7 10	21 31.44	+ 5 22.6	1.839	2.676	15.0	21.3
7 20	21 26.97	+ 5 25.0	1.769	2.673	12.3	21.1
7 30	21 20.92	+ 5 3.9	1.720	2.670	9.6	20.9
8 9	21 13.96	+ 4 19.8	1.693	2.668	7.5	20.8
8 19	21 6.92	+ 3 15.7	1.692	2.666	7.4	20.8
8 29	21 0.72	+ 1 57.1	1.716	2.665	9.2	20.9
9 8	20 56.13	+ 0 31.5	1.764	2.665	11.9	21.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
207532 2006 KU_{21}			8 8.5 247°.64	6°.5/ 2.8 18		
	h m	° ′			°	m
6 30	21 43.56	−31 30.0	2.129	2.963	13.3	20.4
7 10	21 39.32	−32 46.2	2.044	2.949	10.8	20.2
7 20	21 32.59	−34 2.9	1.981	2.934	8.3	20.0
7 30	21 23.80	−35 12.6	1.943	2.919	6.7	19.9
8 9	21 13.81	−36 7.8	1.931	2.904	6.9	19.9
8 19	21 3.66	−36 43.0	1.946	2.887	9.0	20.0
8 29	20 54.54	−36 55.6	1.985	2.871	11.7	20.1
9 8	20 47.42	−36 46.4	2.047	2.854	14.3	20.2
172185 2002 PS_{104}			8 8.5 326°.83	4°.0/10.8 18		
6 30	21 39.32	− 6 48.0	1.721	2.528	17.1	19.4
7 10	21 36.00	− 6 11.9	1.632	2.520	14.1	19.2
7 20	21 30.28	− 5 49.3	1.563	2.512	10.5	18.9
7 30	21 22.63	− 5 40.6	1.516	2.505	6.8	18.7
8 9	21 13.88	− 5 44.9	1.493	2.498	4.1	18.5
8 19	21 5.03	− 5 59.5	1.497	2.491	5.6	18.6
8 29	20 57.20	− 6 20.7	1.525	2.485	9.3	18.8
9 8	20 51.32	− 6 44.0	1.577	2.479	13.0	19.0
59069 1998 VX_3			8 8.5 271°.99	4°.0/ 5.7 18		
6 30	21 41.84	−22 14.2	1.716	2.559	15.6	20.1
7 10	21 38.43	−23 11.7	1.622	2.539	12.4	19.8
7 20	21 32.26	−24 17.9	1.548	2.519	8.7	19.5
7 30	21 23.76	−25 26.2	1.498	2.498	5.1	19.3
8 9	21 13.82	−26 28.7	1.474	2.477	4.3	19.2
8 19	21 3.58	−27 18.1	1.476	2.456	7.6	19.3
8 29	20 54.41	−27 49.2	1.503	2.435	11.7	19.5
9 8	20 47.45	−28 0.6	1.552	2.413	15.5	19.7
336169 2008 RJ_{33}			8 8.5 27°.81	0°.6/ 8.8 17		
6 30	21 39.41	−14 4.7	1.208	2.063	20.0	20.5
7 10	21 36.72	−13 58.2	1.154	2.076	15.9	20.3
7 20	21 30.99	−14 5.0	1.118	2.091	11.0	20.0
7 30	21 22.98	−14 22.0	1.102	2.106	5.6	19.8
8 9	21 13.88	−14 44.0	1.109	2.123	0.6	19.5
8 19	21 5.09	−15 5.5	1.140	2.140	5.7	19.9
8 29	20 57.96	−15 21.9	1.194	2.159	10.7	20.2
9 8	20 53.45	−15 30.1	1.269	2.178	15.0	20.5
508468 2016 NF_{65}			8 8.5 280°.88	3°.7/ 5.9 18		
6 30	21 41.11	−22 15.2	1.739	2.583	15.4	20.7
7 10	21 37.74	−23 3.9	1.647	2.565	12.2	20.5
7 20	21 31.71	−24 0.1	1.576	2.547	8.5	20.2
7 30	21 23.45	−24 57.7	1.528	2.529	5.0	20.0
8 9	21 13.85	−25 49.5	1.507	2.511	4.0	19.9
8 19	21 4.04	−26 29.0	1.511	2.493	7.2	20.0
8 29	20 55.30	−26 51.8	1.540	2.475	11.2	20.2
9 8	20 48.72	−26 56.6	1.591	2.456	15.0	20.4
289147 2004 VU_{16}			8 8.5 279°.13	4°.0/12.5 18		
6 30	21 34.95	− 0 2.5	2.519	3.277	13.6	21.1
7 10	21 31.86	− 0 14.6	2.405	3.256	11.4	20.9
7 20	21 27.09	− 0 43.3	2.311	3.234	8.9	20.7
7 30	21 20.95	− 1 28.6	2.240	3.213	6.2	20.5
8 9	21 13.99	− 2 29.0	2.196	3.191	4.2	20.3
8 19	21 6.83	− 3 41.0	2.180	3.170	4.7	20.3
8 29	21 0.23	− 5 0.0	2.192	3.148	7.1	20.4
9 8	20 54.85	− 6 20.5	2.231	3.126	10.1	20.6
250792 2005 TO_{101}			8 8.5 353°.48	5°.7/ 4.1 18		
6 30	21 37.56	−27 15.8	1.746	2.601	14.8	19.3
7 10	21 34.84	−28 25.3	1.676	2.598	11.8	19.1
7 20	21 29.57	−29 37.7	1.626	2.595	8.6	18.9
7 30	21 22.29	−30 45.5	1.601	2.592	6.2	18.8
8 9	21 13.92	−31 40.8	1.600	2.590	6.1	18.8
8 19	21 5.56	−32 17.7	1.625	2.589	8.6	18.9
8 29	20 58.39	−32 33.3	1.673	2.588	11.8	19.1
9 8	20 53.34	−32 27.9	1.742	2.588	14.8	19.3
149197 2002 PA_{29}			8 8.5 38°.92	2°.5/10.1 17		
6 30	21 37.34	− 7 28.4	1.165	2.009	21.4	20.3
7 10	21 35.18	− 7 46.5	1.111	2.024	17.2	20.1
7 20	21 30.02	− 8 27.7	1.074	2.039	12.3	19.8
7 30	21 22.54	− 9 28.8	1.057	2.056	6.9	19.6
8 9	21 13.92	−10 42.9	1.062	2.073	2.5	19.4
8 19	21 5.54	−12 1.0	1.090	2.091	5.7	19.6
8 29	20 58.75	−13 14.3	1.142	2.110	10.7	20.0
9 8	20 54.54	−14 15.9	1.215	2.129	15.2	20.3
95824 Elger			8 8.5 357°.97	0°.4/ 8.7 17		
6 30	21 37.93	−15 59.1	0.965	1.843	22.2	18.4
7 10	21 36.56	−15 33.4	0.903	1.839	17.7	18.1
7 20	21 31.53	−15 19.6	0.856	1.835	12.4	17.8
7 30	21 23.52	−15 14.9	0.827	1.834	6.3	17.5
8 9	21 13.88	−15 14.8	0.820	1.833	0.5	17.1
8 19	21 4.34	−15 14.3	0.833	1.835	6.7	17.5
8 29	20 56.71	−15 9.1	0.867	1.837	12.7	17.9
9 8	20 52.27	−14 56.5	0.919	1.841	17.9	18.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
358952 2008 KR_7			8 8.5 44°.31	5°.1/12.7 18		
	h m	° ′			°	m
6 30	21 36.50	− 0 13.0	2.150	2.916	15.3	20.7
7 10	21 33.16	+ 0 8.8	2.069	2.923	12.9	20.6
7 20	21 27.97	+ 0 14.3	2.007	2.929	10.1	20.4
7 30	21 21.36	+ 0 3.0	1.968	2.936	7.3	20.2
8 9	21 14.00	− 0 23.9	1.953	2.943	5.3	20.1
8 19	21 6.66	− 1 3.7	1.966	2.950	5.6	20.2
8 29	21 0.13	− 1 52.2	2.005	2.957	7.9	20.3
9 8	20 55.09	− 2 44.2	2.068	2.965	10.6	20.5
374974 2007 DF_{75}			8 8.5 275°.06	0°.3/ 8.3 18		
6 30	21 40.97	−14 30.3	1.720	2.549	16.2	21.7
7 10	21 37.59	−14 50.8	1.620	2.528	13.0	21.4
7 20	21 31.62	−15 23.5	1.539	2.507	9.0	21.1
7 30	21 23.44	−16 5.3	1.482	2.486	4.5	20.8
8 9	21 13.89	−16 51.2	1.450	2.464	0.5	20.5
8 19	21 4.04	−17 35.5	1.445	2.442	5.3	20.8
8 29	20 55.15	−18 12.9	1.466	2.420	10.1	21.0
9 8	20 48.32	−18 39.7	1.509	2.398	14.3	21.2
361642 2007 TE_{256}			8 8.5 10°.33	2°.5/ 7.3 17		
6 30	21 35.06	−18 3.6	0.933	1.821	21.9	19.9
7 10	21 34.33	−18 31.0	0.879	1.822	17.3	19.6
7 20	21 29.98	−19 12.3	0.842	1.825	11.8	19.4
7 30	21 22.71	−20 0.6	0.823	1.830	5.9	19.1
8 9	21 13.93	−20 46.5	0.825	1.837	2.7	18.9
8 19	21 5.38	−21 21.3	0.847	1.845	7.8	19.2
8 29	20 58.77	−21 39.1	0.890	1.854	13.4	19.6
9 8	20 55.31	−21 38.2	0.951	1.865	18.3	19.9
42422 3048 $T\text{-}_2$			8 8.5 24°.73	0°.6/ 8.9 18		
6 30	21 38.19	−12 9.0	1.628	2.459	16.8	19.1
7 10	21 35.19	−12 28.7	1.554	2.462	13.4	18.9
7 20	21 29.74	−13 2.1	1.498	2.465	9.3	18.7
7 30	21 22.36	−13 46.3	1.466	2.469	4.8	18.4
8 9	21 13.96	−14 36.2	1.459	2.473	0.6	18.1
8 19	21 5.58	−15 25.9	1.478	2.477	4.9	18.4
8 29	20 58.36	−16 10.1	1.523	2.482	9.3	18.7
9 8	20 53.18	−16 44.8	1.590	2.487	13.3	19.0
93145 2000 SS_{78}			8 8.5 310°.86	0°.3/ 8.7 18		
6 30	21 38.18	−13 26.9	1.550	2.388	17.2	20.0
7 10	21 35.54	−13 39.2	1.461	2.374	13.8	19.7
7 20	21 30.24	−14 4.8	1.391	2.360	9.7	19.4
7 30	21 22.75	−14 41.0	1.343	2.347	4.9	19.1
8 9	21 13.94	−15 22.8	1.320	2.333	0.3	18.7
8 19	21 4.95	−16 4.7	1.321	2.320	5.3	19.1
8 29	20 57.07	−16 40.9	1.348	2.308	10.2	19.3
9 8	20 51.37	−17 7.6	1.397	2.296	14.6	19.5
193033 2000 EV_{91}			8 8.5 202°.38	2°.9/ 6.1 18		
6 30	21 44.81	−24 52.4	2.738	3.552	11.2	21.1
7 10	21 39.39	−25 20.0	2.647	3.547	8.9	21.0
7 20	21 32.11	−25 49.0	2.578	3.540	6.2	20.8
7 30	21 23.40	−26 15.4	2.537	3.534	3.7	20.6
8 9	21 13.92	−26 35.3	2.525	3.526	3.1	20.6
8 19	21 4.44	−26 45.9	2.542	3.518	5.1	20.7
8 29	20 55.75	−26 45.4	2.587	3.509	7.9	20.8
9 8	20 48.55	−26 33.6	2.658	3.499	10.4	21.0
59633 1999 JC_{78}			8 8.5 74°.59	7°.7/14.7 18		
6 30	21 38.29	+ 5 14.7	1.726	2.478	19.0	17.8
7 10	21 35.02	+ 5 42.1	1.655	2.491	16.4	17.7
7 20	21 29.47	+ 5 45.7	1.600	2.503	13.3	17.5
7 30	21 22.18	+ 5 23.5	1.565	2.516	10.3	17.3
8 9	21 13.98	+ 4 36.4	1.554	2.528	8.1	17.2
8 19	21 5.83	+ 3 28.4	1.567	2.541	7.9	17.3
8 29	20 58.75	+ 2 6.2	1.605	2.553	9.8	17.4
9 8	20 53.55	+ 0 37.9	1.667	2.566	12.6	17.6
177793 2005 LH_{24}			8 8.5 164°.68	4°.2/11.5 17		
6 30	21 42.62	− 3 20.8	1.929	2.706	16.5	21.7
7 10	21 38.23	− 3 10.1	1.845	2.711	13.7	21.5
7 20	21 31.62	− 3 15.9	1.780	2.716	10.3	21.3
7 30	21 23.25	− 3 38.2	1.738	2.720	6.8	21.1
8 9	21 13.94	− 4 14.8	1.722	2.723	4.3	20.9
8 19	21 4.60	− 5 1.9	1.734	2.726	5.3	21.0
8 29	20 56.25	− 5 54.6	1.772	2.728	8.5	21.2
9 8	20 49.70	− 6 47.5	1.836	2.729	11.9	21.4
361032 2005 WL_{102}			8 8.5 84°.92	2°.5/ 9.8 17		
6 30	21 47.40	− 9 36.5	1.362	2.181	20.1	21.0
7 10	21 42.55	− 9 24.0	1.307	2.205	16.1	20.8
7 20	21 34.77	− 9 27.7	1.269	2.229	11.5	20.6
7 30	21 24.81	− 9 45.5	1.254	2.252	6.4	20.3
8 9	21 13.86	−10 13.1	1.263	2.274	2.5	20.2
8 19	21 3.29	−10 45.3	1.298	2.297	5.5	20.4
8 29	20 54.39	−11 16.9	1.358	2.319	10.1	20.7
9 8	20 48.09	−11 43.5	1.441	2.340	14.2	21.0

49055 1998 RQ_{35} 8 8.5 44°.95 0°.2/ 8.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 41.53	−13 54.4	1.246	2.095	19.9	18.5
7 10	21 38.33	−14 2.4	1.192	2.111	15.8	18.3
7 20	21 32.09	−14 24.5	1.155	2.127	10.9	18.0
7 30	21 23.55	−14 56.6	1.140	2.144	5.4	17.8
8 9	21 13.93	−15 32.7	1.148	2.161	0.3	17.4
8 19	21 4.61	−16 6.5	1.180	2.179	5.7	17.9
8 29	20 56.96	−16 33.0	1.236	2.197	10.7	18.2
9 8	20 51.94	−16 49.0	1.313	2.216	15.0	18.6

438152 2005 SC_{142} 8 8.5 276°.40 2°.3/ 6.7 18

6 30	21 39.05	−20 27.9	2.230	3.060	12.9	20.9
7 10	21 35.37	−21 2.2	2.136	3.047	10.2	20.7
7 20	21 29.65	−21 42.4	2.064	3.033	7.0	20.5
7 30	21 22.29	−22 24.4	2.017	3.019	3.7	20.3
8 9	21 13.99	−23 3.5	1.997	3.006	2.4	20.2
8 19	21 5.59	−23 35.2	2.005	2.992	5.3	20.3
8 29	20 58.01	−23 56.4	2.040	2.978	8.7	20.5
9 8	20 52.03	−24 5.6	2.098	2.964	11.9	20.7

445826 2012 CQ_5 8 8.5 329°.12 4°.9/ 4.4 18

6 30	21 38.42	−27 12.5	2.112	2.954	13.1	20.4
7 10	21 35.07	−28 12.3	2.034	2.949	10.4	20.3
7 20	21 29.52	−29 14.3	1.978	2.943	7.5	20.1
7 30	21 22.24	−30 12.4	1.947	2.938	5.3	19.9
8 9	21 14.01	−31 0.4	1.943	2.933	5.2	19.9
8 19	21 5.76	−31 33.5	1.964	2.928	7.4	20.0
8 29	20 58.48	−31 49.0	2.011	2.924	10.2	20.2
9 8	20 52.99	−31 46.8	2.081	2.920	13.0	20.4

157608 2005 WF_{34} 8 8.5 123°.88 4°.8/13.3 18

6 30	21 38.36	+ 1 53.6	2.868	3.598	12.7	20.7
7 10	21 34.05	+ 2 19.5	2.785	3.612	10.7	20.6
7 20	21 28.29	+ 2 32.3	2.723	3.625	8.6	20.5
7 30	21 21.46	+ 2 31.4	2.685	3.638	6.4	20.3
8 9	21 14.07	+ 2 17.5	2.674	3.651	5.0	20.3
8 19	21 6.71	+ 1 52.2	2.690	3.663	5.1	20.3
8 29	21 0.00	+ 1 18.4	2.734	3.675	6.7	20.4
9 8	20 54.44	+ 0 39.7	2.805	3.686	8.7	20.6

278345 2007 JA_3 8 8.5 74°.39 4°.5/ 5.5 17

6 30	21 44.66	−24 7.5	1.649	2.492	16.1	20.6
7 10	21 40.15	−25 11.0	1.601	2.517	12.6	20.5
7 20	21 33.00	−26 17.9	1.573	2.542	8.8	20.3
7 30	21 23.91	−27 20.8	1.569	2.567	5.4	20.2
8 9	21 13.95	−28 12.1	1.592	2.591	4.8	20.2
8 19	21 4.32	−28 46.5	1.640	2.616	7.5	20.4
8 29	20 56.17	−29 2.0	1.714	2.640	10.9	20.7
9 8	20 50.35	−28 59.3	1.809	2.663	14.0	20.9

312821 2011 SF_{43} 8 8.5 303°.82 1°.3/ 7.7 18

6 30	21 39.59	−17 38.3	1.858	2.692	14.9	20.8
7 10	21 36.17	−17 57.2	1.769	2.682	11.8	20.6
7 20	21 30.39	−18 24.3	1.702	2.672	8.1	20.4
7 30	21 22.73	−18 55.9	1.658	2.662	4.1	20.1
8 9	21 14.00	−19 27.2	1.640	2.652	1.4	19.9
8 19	21 5.20	−19 53.5	1.649	2.643	5.2	20.1
8 29	20 57.40	−20 11.3	1.683	2.634	9.3	20.4
9 8	20 51.50	−20 18.4	1.742	2.625	13.0	20.6

448107 2008 LH_{13} 8 8.5 125°.05 0°.3/ 8.2 18

6 30	21 36.85	−13 28.2	2.428	3.240	12.5	21.2
7 10	21 33.29	−14 11.1	2.347	3.246	9.9	21.0
7 20	21 28.01	−15 3.8	2.287	3.252	6.7	20.9
7 30	21 21.40	−16 3.0	2.254	3.257	3.3	20.7
8 9	21 14.09	−17 4.3	2.249	3.263	0.4	20.4
8 19	21 6.77	−18 3.3	2.272	3.268	3.8	20.7
8 29	21 0.20	−18 56.0	2.324	3.273	7.2	20.9
9 8	20 55.01	−19 39.4	2.401	3.278	10.1	21.1

361896 2008 FU_{134} 8 8.5 108°.01 4°.1/12.2 18

6 30	21 36.91	− 1 40.7	2.369	3.134	14.1	21.6
7 10	21 33.32	− 1 33.3	2.284	3.141	11.7	21.4
7 20	21 28.01	− 1 40.6	2.220	3.147	9.0	21.2
7 30	21 21.40	− 2 2.5	2.179	3.154	6.2	21.1
8 9	21 14.10	− 2 37.4	2.164	3.160	4.2	21.0
8 19	21 6.80	− 3 22.1	2.177	3.166	4.7	21.0
8 29	21 0.24	− 4 12.7	2.218	3.172	7.1	21.2
9 8	20 55.05	− 5 4.8	2.284	3.178	9.9	21.3

115786 2003 UQ_{218} 8 8.5 220°.22 5°.9/ 2.9 18

6 30	21 42.63	−30 41.8	2.305	3.137	12.5	19.7
7 10	21 38.35	−32 0.2	2.225	3.129	10.1	19.6
7 20	21 31.80	−33 19.2	2.167	3.121	7.7	19.4
7 30	21 23.42	−34 32.0	2.135	3.113	6.1	19.3
8 9	21 14.00	−35 31.7	2.130	3.104	6.3	19.3
8 19	21 4.48	−36 13.2	2.152	3.094	8.2	19.4
8 29	20 55.89	−36 34.2	2.200	3.085	10.7	19.5
9 8	20 49.10	−36 35.1	2.270	3.074	13.2	19.7

47585 2000 AA_{192} 8 8.5 261°.80 3°.6/11.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 39.55	− 4 8.7	1.800	2.592	17.0	19.4
7 10	21 36.32	− 4 15.6	1.694	2.572	14.1	19.2
7 20	21 30.68	− 4 41.6	1.608	2.552	10.6	18.9
7 30	21 23.00	− 5 26.8	1.543	2.531	6.8	18.7
8 9	21 14.02	− 6 28.5	1.504	2.510	3.8	18.4
8 19	21 4.70	− 7 41.8	1.492	2.488	5.3	18.5
8 29	20 56.21	− 9 0.1	1.506	2.466	9.3	18.7
9 8	20 49.56	−10 16.1	1.544	2.444	13.4	18.9

29723 1999 AD_{24} 8 8.5 2°.51 2°.9/ 6.2 18

6 30	21 27.97	−13 3.1	1.044	1.925	20.6	16.7
7 10	21 28.44	−14 53.5	0.982	1.923	16.2	16.5
7 20	21 25.85	−17 11.1	0.938	1.922	10.9	16.2
7 30	21 20.71	−19 46.0	0.915	1.923	5.4	15.9
8 9	21 14.13	−22 22.6	0.915	1.925	3.4	15.8
8 19	21 7.49	−24 44.4	0.937	1.930	8.4	16.1
8 29	21 2.36	−26 38.5	0.981	1.936	13.7	16.4
9 8	20 59.93	−27 58.8	1.044	1.943	18.4	16.7

118957 2000 WE_{115} 8 8.5 77°.59 8°.0/ 1.3 18

6 30	21 43.63	−37 56.0	2.218	3.047	13.0	19.0
7 10	21 39.18	−39 21.0	2.170	3.062	10.9	18.9
7 20	21 32.30	−40 39.6	2.144	3.077	9.0	18.8
7 30	21 23.60	−41 44.3	2.143	3.092	8.0	18.8
8 9	21 14.02	−42 28.8	2.168	3.107	8.4	18.8
8 19	21 4.61	−42 49.8	2.217	3.122	9.9	18.9
8 29	20 56.46	−42 46.8	2.289	3.137	11.7	19.1
9 8	20 50.37	−42 22.4	2.383	3.152	13.6	19.3

328107 2008 AG_{37} 8 8.6 193°.53 0°.5/ 8.9 17

6 30	21 43.75	−12 42.0	1.874	2.686	15.7	22.5
7 10	21 39.34	−12 56.9	1.787	2.684	12.5	22.2
7 20	21 32.53	−13 23.5	1.720	2.682	8.8	22.0
7 30	21 23.81	−13 58.9	1.678	2.679	4.5	21.8
8 9	21 14.02	−14 38.8	1.662	2.676	0.5	21.4
8 19	21 4.17	−15 18.5	1.674	2.672	4.6	21.8
8 29	20 55.36	−15 53.4	1.713	2.667	8.9	22.0
9 8	20 48.48	−16 20.5	1.776	2.662	12.7	22.2

276967 2004 UH_4 8 8.6 280°.23 0°.4/ 8.3 17

6 30	21 42.22	−17 25.7	2.438	3.249	12.5	21.1
7 10	21 37.67	−17 20.2	2.329	3.228	9.9	20.9
7 20	21 31.16	−17 19.3	2.243	3.207	6.9	20.7
7 30	21 23.07	−17 20.9	2.183	3.185	3.4	20.4
8 9	21 14.06	−17 22.3	2.150	3.164	0.5	20.2
8 19	21 4.92	−17 21.1	2.147	3.142	4.0	20.4
8 29	20 56.51	−17 15.2	2.171	3.120	7.6	20.6
9 8	20 49.59	−17 3.5	2.221	3.098	10.9	20.8

148477 2001 FS_{99} 8 8.6 107°.62 1°.9/ 7.3 17

6 30	21 45.05	−18 9.7	1.653	2.486	16.6	21.1
7 10	21 40.49	−18 46.5	1.590	2.501	13.0	20.9
7 20	21 33.31	−19 32.1	1.547	2.517	8.8	20.7
7 30	21 24.14	−20 20.9	1.528	2.532	4.4	20.4
8 9	21 14.01	−21 6.4	1.536	2.547	2.1	20.3
8 19	21 4.08	−21 43.3	1.570	2.561	5.8	20.6
8 29	20 55.53	−22 7.7	1.630	2.575	9.9	20.9
9 8	20 49.22	−22 18.6	1.713	2.589	13.6	21.1

188817 2005 XX_{32} 8 8.6 43°.55 4°.1/11.8 18

6 30	21 37.29	− 3 8.8	2.167	2.945	14.9	20.1
7 10	21 33.80	− 2 49.2	2.085	2.951	12.3	19.9
7 20	21 28.44	− 2 43.9	2.022	2.956	9.4	19.7
7 30	21 21.66	− 2 53.2	1.983	2.962	6.4	19.5
8 9	21 14.13	− 3 15.4	1.970	2.967	4.3	19.4
8 19	21 6.61	− 3 47.8	1.983	2.973	5.0	19.5
8 29	20 59.91	− 4 26.7	2.023	2.979	7.6	19.6
9 8	20 54.71	− 5 7.5	2.089	2.985	10.5	19.8

301743 2010 GU_{161} 8 8.6 13°.63 5°.6/ 4.4 18

6 30	21 37.27	−24 49.1	1.513	2.375	16.4	19.6
7 10	21 34.93	−26 9.5	1.451	2.378	12.9	19.3
7 20	21 29.82	−27 35.7	1.409	2.382	9.2	19.1
7 30	21 22.54	−28 58.9	1.390	2.386	6.2	19.0
8 9	21 14.09	−30 9.9	1.396	2.391	6.0	19.0
8 19	21 5.71	−31 1.3	1.426	2.397	8.8	19.2
8 29	20 58.69	−31 29.4	1.479	2.404	12.4	19.4
9 8	20 54.00	−31 34.3	1.554	2.411	15.7	19.6

186975 2004 RY_{209} 8 8.6 87°.41 7°.2/15.1 18

6 30	21 36.92	+ 6 53.3	2.366	3.083	15.3	19.9
7 10	21 33.39	+ 7 32.7	2.280	3.087	13.4	19.7
7 20	21 28.12	+ 7 54.3	2.212	3.091	11.2	19.6
7 30	21 21.50	+ 7 56.2	2.166	3.096	9.0	19.4
8 9	21 14.15	+ 7 38.1	2.144	3.100	7.5	19.4
8 19	21 6.77	+ 7 1.7	2.148	3.105	7.3	19.4
8 29	21 0.12	+ 6 10.6	2.177	3.109	8.6	19.4
9 8	20 54.83	+ 5 10.0	2.232	3.114	10.6	19.6

256513 2007 ES_{156} 8 8.6 282.°76 2.°4/10.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 35.11	− 5 30.6	2.373	3.160	13.5	20.3
7 10	21 32.06	− 5 50.1	2.274	3.151	11.0	20.1
7 20	21 27.27	− 6 23.8	2.197	3.142	8.1	19.9
7 30	21 21.11	− 7 10.7	2.143	3.133	5.0	19.7
8 9	21 14.17	− 8 7.9	2.117	3.124	2.5	19.5
8 19	21 7.12	− 9 11.4	2.118	3.116	3.9	19.6
8 29	21 0.74	−10 16.5	2.148	3.107	7.0	19.7
9 8	20 55.67	−11 18.5	2.203	3.098	10.2	19.9

418981 2009 JG_{8} 8 8.6 122.°09 3.°3/10.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 41.22	− 4 46.8	1.610	2.410	18.3	21.9
7 10	21 37.56	− 4 59.2	1.536	2.420	15.0	21.7
7 20	21 31.38	− 5 31.6	1.481	2.430	11.0	21.5
7 30	21 23.25	− 6 22.6	1.448	2.439	6.8	21.2
8 9	21 14.07	− 7 27.9	1.440	2.448	3.5	21.1
8 19	21 4.93	− 8 41.2	1.459	2.456	5.2	21.2
8 29	20 56.98	− 9 55.4	1.503	2.465	9.2	21.5
9 8	20 51.12	−11 3.9	1.572	2.472	13.1	21.7

239170 2006 KE_{48} 8 8.6 305.°32 3.°2/10.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 37.61	− 5 50.7	1.826	2.628	16.4	21.0
7 10	21 34.55	− 5 50.1	1.738	2.623	13.4	20.8
7 20	21 29.26	− 6 5.9	1.670	2.619	10.0	20.5
7 30	21 22.19	− 6 37.3	1.623	2.614	6.2	20.3
8 9	21 14.12	− 7 21.6	1.603	2.610	3.3	20.1
8 19	21 5.96	− 8 14.4	1.608	2.605	4.9	20.2
8 29	20 58.72	− 9 10.1	1.640	2.601	8.6	20.4
9 8	20 53.27	−10 3.3	1.695	2.597	12.3	20.7

201498 2003 KN_{9} 8 8.6 53.°74 5.°2/10.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 45.20	− 6 39.0	1.174	2.000	22.3	19.5
7 10	21 41.29	− 5 44.2	1.120	2.018	18.2	19.3
7 20	21 34.19	− 5 8.3	1.083	2.037	13.6	19.1
7 30	21 24.67	− 4 52.6	1.065	2.055	8.7	18.9
8 9	21 14.01	− 4 55.2	1.070	2.075	5.3	18.8
8 19	21 3.70	− 5 12.1	1.099	2.094	6.9	18.9
8 29	20 55.19	− 5 37.7	1.151	2.114	11.2	19.2
9 8	20 49.49	− 6 5.6	1.223	2.134	15.4	19.5

254202 2004 RU_{71} 8 8.6 358.°91 5.°0/12.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 33.94	− 0 58.8	1.844	2.631	16.8	20.2
7 10	21 31.59	− 0 49.1	1.760	2.629	14.1	20.0
7 20	21 27.17	− 0 58.5	1.694	2.628	10.9	19.8
7 30	21 21.12	− 1 27.6	1.650	2.627	7.6	19.6
8 9	21 14.17	− 2 14.4	1.631	2.627	5.2	19.5
8 19	21 7.17	− 3 14.9	1.637	2.627	5.7	19.5
8 29	21 1.05	− 4 23.2	1.668	2.629	8.5	19.7
9 8	20 56.60	− 5 33.0	1.724	2.630	11.8	19.9

439760 2015 FA_{337} 8 8.6 183.°88 3.°6/11.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 38.46	− 3 2.3	2.045	2.825	15.6	21.6
7 10	21 34.93	− 3 11.6	1.956	2.825	12.9	21.4
7 20	21 29.36	− 3 38.2	1.887	2.825	9.7	21.2
7 30	21 22.19	− 4 21.5	1.841	2.825	6.3	21.0
8 9	21 14.13	− 5 18.7	1.821	2.824	3.8	20.8
8 19	21 6.00	− 6 25.3	1.829	2.823	4.8	20.9
8 29	20 58.72	− 7 35.7	1.863	2.822	8.0	21.1
9 8	20 53.04	− 8 44.4	1.923	2.820	11.3	21.3

53806 2000 EG_{130} 8 8.6 149.°98 2.°1/ 7.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 45.68	−18 11.8	1.475	2.314	17.9	19.4
7 10	21 41.49	−18 46.1	1.404	2.319	14.1	19.2
7 20	21 34.33	−19 30.6	1.352	2.324	9.7	18.9
7 30	21 24.80	−20 19.6	1.324	2.328	4.9	18.7
8 9	21 14.02	−21 5.7	1.321	2.332	2.3	18.5
8 19	21 3.33	−21 42.6	1.343	2.336	6.4	18.8
8 29	20 54.11	−22 5.8	1.391	2.339	11.1	19.1
9 8	20 47.43	−22 14.0	1.460	2.342	15.2	19.3

159918 2004 XD_{144} 8 8.6 321.°49 4.°8/11.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 33.36	− 3 0.7	1.461	2.277	19.1	19.4
7 10	21 31.92	− 2 56.2	1.366	2.256	16.0	19.1
7 20	21 27.92	− 3 14.5	1.287	2.236	12.3	18.8
7 30	21 21.73	− 3 56.8	1.229	2.217	8.2	18.5
8 9	21 14.16	− 5 1.0	1.194	2.198	5.0	18.3
8 19	21 6.28	− 6 21.5	1.182	2.180	6.2	18.3
8 29	20 59.38	− 7 50.2	1.195	2.162	10.3	18.5
9 8	20 54.58	− 9 17.8	1.229	2.146	14.8	18.7

41532 2000 RO_{9} 8 8.6 218.°69 1.°2/ 9.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 39.94	− 9 54.3	2.198	2.998	14.0	19.6
7 10	21 36.02	−10 14.5	2.102	2.991	11.3	19.4
7 20	21 30.10	−10 47.1	2.026	2.983	8.0	19.2
7 30	21 22.58	−11 30.1	1.976	2.974	4.4	18.9
8 9	21 14.13	−12 20.0	1.953	2.965	1.2	18.7
8 19	21 5.57	−13 12.3	1.958	2.956	4.0	18.9
8 29	20 57.78	−14 2.6	1.991	2.946	7.7	19.1
9 8	20 51.54	−14 46.9	2.049	2.936	11.2	19.3

487668 2015 PO_{60} 8 8.6 250.°73 1.°4/ 7.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 37.21	−16 28.2	2.265	3.088	12.9	21.3
7 10	21 33.86	−17 17.5	2.176	3.083	10.2	21.1
7 20	21 28.58	−18 16.0	2.110	3.079	6.9	20.9
7 30	21 21.80	−19 19.7	2.070	3.074	3.4	20.7
8 9	21 14.17	−20 23.6	2.057	3.068	1.5	20.5
8 19	21 6.46	−21 22.6	2.072	3.063	4.6	20.7
8 29	20 59.53	−22 12.4	2.115	3.058	8.1	20.9
9 8	20 54.09	−22 50.3	2.182	3.053	11.3	21.1

552 Sigelinde 8 8.6 53.°38 3.°1/10.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 38.31	− 6 27.4	2.187	2.978	14.4	14.5
7 10	21 34.56	− 6 11.0	2.107	2.985	11.7	14.3
7 20	21 28.95	− 6 6.8	2.048	2.992	8.7	14.1
7 30	21 21.92	− 6 14.3	2.012	3.000	5.5	13.9
8 9	21 14.17	− 6 31.7	2.003	3.008	3.1	13.8
8 19	21 6.46	− 6 56.3	2.021	3.016	4.3	13.9
8 29	20 59.60	− 7 24.5	2.067	3.024	7.4	14.1
9 8	20 54.25	− 7 52.8	2.137	3.032	10.4	14.3

304756 2007 AS_{11} 8 8.6 145.°34 0.°3/ 8.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 39.01	−15 17.6	2.941	3.743	10.8	22.6
7 10	21 34.60	−15 40.2	2.859	3.753	8.5	22.4
7 20	21 28.71	−16 8.8	2.801	3.763	5.8	22.3
7 30	21 21.73	−16 41.1	2.770	3.773	2.9	22.1
8 9	21 14.19	−17 14.1	2.768	3.782	0.4	21.9
8 19	21 6.68	−17 44.9	2.795	3.790	3.3	22.1
8 29	20 59.84	−18 11.1	2.852	3.798	6.1	22.4
9 8	20 54.18	−18 31.0	2.934	3.806	8.7	22.5

111367 2001 XU_{127} 8 8.6 334.°93 1.°4/ 7.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 37.63	−17 10.5	1.878	2.714	14.7	19.6
7 10	21 34.58	−17 42.8	1.795	2.709	11.6	19.3
7 20	21 29.29	−18 24.4	1.733	2.704	7.9	19.1
7 30	21 22.22	−19 11.1	1.695	2.699	4.0	18.9
8 9	21 14.17	−19 57.6	1.683	2.695	1.6	18.7
8 19	21 6.08	−20 38.7	1.697	2.691	5.2	18.9
8 29	20 58.96	−21 10.4	1.738	2.687	9.1	19.2
9 8	20 53.66	−21 30.1	1.802	2.684	12.7	19.4

494309 2016 SE_{16} 8 8.6 8.°28 4.°1/11.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 32.86	− 5 9.1	1.276	2.112	20.3	20.2
7 10	21 31.60	− 5 3.6	1.208	2.113	16.7	19.9
7 20	21 27.63	− 5 20.8	1.158	2.116	12.4	19.7
7 30	21 21.50	− 6 0.1	1.127	2.120	7.8	19.4
8 9	21 14.20	− 6 57.5	1.119	2.126	4.2	19.3
8 19	21 6.94	− 8 6.2	1.133	2.133	5.9	19.4
8 29	21 0.99	− 9 17.9	1.171	2.141	10.2	19.7
9 8	20 57.32	−10 24.5	1.230	2.150	14.5	19.9

250033 2002 CW_{80} 8 8.6 244.°47 1.°9/ 7.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 41.54	−20 52.2	2.379	3.201	12.5	20.8
7 10	21 37.14	−21 8.4	2.287	3.193	9.8	20.7
7 20	21 30.77	−21 28.5	2.218	3.185	6.7	20.5
7 30	21 22.87	−21 49.1	2.175	3.177	3.5	20.2
8 9	21 14.15	−22 6.4	2.159	3.169	2.0	20.1
8 19	21 5.40	−22 17.2	2.172	3.160	4.7	20.3
8 29	20 57.49	−22 19.4	2.212	3.152	8.0	20.5
9 8	20 51.14	−22 12.1	2.277	3.143	11.0	20.7

195501 2002 GT_{170} 8 8.6 169.°29 3.°6/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 44.40	−24 18.6	2.127	2.955	13.5	21.2
7 10	21 39.62	−24 58.8	2.050	2.958	10.7	21.0
7 20	21 32.58	−25 41.9	1.996	2.961	7.5	20.8
7 30	21 23.81	−26 22.6	1.966	2.964	4.5	20.6
8 9	21 14.13	−26 55.5	1.964	2.965	3.8	20.6
8 19	21 4.50	−27 16.5	1.990	2.967	6.2	20.7
8 29	20 55.94	−27 23.3	2.042	2.968	9.4	20.9
9 8	20 49.24	−27 15.9	2.118	2.968	12.4	21.1

167414 2003 WA_{134} 8 8.6 265.°49 5.°6/ 4.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 41.91	−28 7.9	1.993	2.833	13.8	20.3
7 10	21 38.14	−29 14.5	1.908	2.820	11.1	20.0
7 20	21 31.88	−30 23.6	1.844	2.807	8.2	19.8
7 30	21 23.59	−31 28.4	1.806	2.794	6.0	19.7
8 9	21 14.13	−32 21.5	1.793	2.780	5.9	19.7
8 19	21 4.54	−32 57.1	1.807	2.766	8.2	19.8
8 29	20 55.98	−33 12.2	1.845	2.752	11.3	19.9
9 8	20 49.42	−33 7.1	1.906	2.738	14.3	20.1

427632 2003 UO_{173} 8 8.6 323.°71 0.°6/ 8.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 33.70	−12 44.8	1.123	1.990	20.5	20.7
7 10	21 33.11	−12 51.8	1.035	1.965	16.6	20.3
7 20	21 29.31	−13 17.3	0.964	1.941	11.8	20.0
7 30	21 22.66	−13 59.2	0.912	1.918	6.2	19.6
8 9	21 14.16	−14 51.9	0.882	1.895	0.6	19.1
8 19	21 5.23	−15 47.5	0.873	1.874	6.5	19.5
8 29	20 57.60	−16 37.4	0.885	1.855	12.7	19.7
9 8	20 52.78	−17 14.6	0.916	1.836	18.2	20.0

344680 2003 SO_{235} 8 8.6 313°.12 8°.7/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 39.42	−31 51.9	1.566	2.426	16.0	20.0
7 10	21 37.14	−33 29.2	1.485	2.404	13.2	19.7
7 20	21 31.78	−35 9.2	1.424	2.383	10.4	19.5
7 30	21 23.77	−36 41.3	1.386	2.363	8.8	19.4
8 9	21 14.12	−37 54.5	1.372	2.343	9.4	19.4
8 19	21 4.19	−38 40.4	1.381	2.323	11.9	19.4
8 29	20 55.58	−38 55.0	1.411	2.304	15.1	19.6
9 8	20 49.56	−38 39.6	1.461	2.285	18.2	19.8

40657 1999 RE_{192} 8 8.6 356°.49 3°.8/ 6.3 18

6 30	21 32.64	−20 8.1	1.151	2.032	19.1	18.1
7 10	21 32.01	−20 57.6	1.086	2.025	15.1	17.8
7 20	21 28.25	−21 58.8	1.039	2.020	10.4	17.6
7 30	21 21.94	−23 4.2	1.012	2.017	5.7	17.3
8 9	21 14.22	−24 4.2	1.007	2.016	4.1	17.2
8 19	21 6.52	−24 50.1	1.024	2.016	8.2	17.4
8 29	21 0.36	−25 16.1	1.063	2.017	13.0	17.7
9 8	20 56.89	−25 20.4	1.121	2.020	17.3	18.0

376864 2001 TP_{103} 8 8.6 233°.32 3°.8/10.6 13 C

6 30	21 49.69	− 5 36.6	1.570	2.359	19.2	23.7
7 10	21 44.96	− 5 31.0	1.463	2.340	16.0	23.4
7 20	21 37.12	− 5 44.2	1.374	2.319	12.0	23.1
7 30	21 26.50	− 6 16.9	1.307	2.297	7.5	22.8
8 9	21 14.01	− 7 6.6	1.266	2.273	3.9	22.6
8 19	21 0.93	− 8 8.1	1.251	2.247	6.2	22.6
8 29	20 48.83	− 9 14.4	1.263	2.219	11.1	22.8
9 8	20 39.11	−10 18.1	1.298	2.190	16.0	23.0

384109 2008 WS_{93} 8 8.6 239°.74 0°.0/ 8.6 18

6 30	21 44.60	−15 40.5	2.113	2.924	14.2	21.0
7 10	21 39.82	−15 35.2	2.015	2.912	11.3	20.7
7 20	21 32.79	−15 36.7	1.938	2.901	7.9	20.5
7 30	21 23.98	−15 42.6	1.886	2.888	4.0	20.2
8 9	21 14.14	−15 50.0	1.862	2.875	0.2	19.9
8 19	21 4.20	−15 55.8	1.865	2.862	4.4	20.2
8 29	20 55.17	−15 57.5	1.897	2.849	8.3	20.4
9 8	20 47.90	−15 53.6	1.953	2.835	11.9	20.6

337268 2000 TH_{67} 8 8.6 276°.90 7°.9/ 2.9 18

6 30	21 45.95	−33 32.6	1.787	2.627	15.2	20.7
7 10	21 41.86	−34 40.8	1.703	2.610	12.5	20.5
7 20	21 34.75	−35 47.7	1.641	2.593	9.9	20.3
7 30	21 25.15	−36 44.2	1.601	2.575	8.1	20.1
8 9	21 14.08	−37 21.6	1.587	2.557	8.4	20.1
8 19	21 2.90	−37 34.1	1.597	2.540	10.5	20.2
8 29	20 53.04	−37 19.7	1.631	2.522	13.5	20.4
9 8	20 45.69	−36 40.7	1.685	2.504	16.4	20.5

56730 2000 NK_{15} 8 8.6 322°.69 0°.4/ 8.3 18

6 30	21 42.34	−17 18.0	1.968	2.792	14.6	18.2
7 10	21 38.12	−17 9.4	1.881	2.787	11.6	18.0
7 20	21 31.63	−17 6.7	1.815	2.781	8.0	17.8
7 30	21 23.38	−17 7.2	1.773	2.776	4.0	17.5
8 9	21 14.17	−17 7.9	1.758	2.772	0.5	17.2
8 19	21 4.98	−17 5.9	1.770	2.767	4.6	17.5
8 29	20 56.80	−16 59.0	1.810	2.763	8.6	17.8
9 8	20 50.47	−16 46.0	1.873	2.759	12.1	18.0

474713 2005 GC_{223} 8 8.6 233°.49 1°.4/ 9.7 18

6 30	21 38.60	− 9 49.4	2.096	2.901	14.5	21.8
7 10	21 35.06	−10 4.0	2.005	2.896	11.6	21.6
7 20	21 29.48	−10 31.3	1.934	2.891	8.3	21.4
7 30	21 22.30	−11 9.2	1.888	2.886	4.6	21.2
8 9	21 14.22	−11 54.2	1.869	2.881	1.4	20.9
8 19	21 6.07	−12 42.2	1.877	2.876	4.1	21.1
8 29	20 58.73	−13 28.5	1.913	2.870	7.9	21.4
9 8	20 53.00	−14 9.4	1.973	2.864	11.3	21.6

295885 2008 WX_{65} 8 8.6 252°.20 0°.1/ 8.7 18

6 30	21 38.29	−12 31.2	2.039	2.856	14.4	21.0
7 10	21 34.92	−13 2.2	1.948	2.849	11.5	20.8
7 20	21 29.46	−13 45.3	1.878	2.842	8.0	20.6
7 30	21 22.32	−14 37.5	1.833	2.835	4.1	20.3
8 9	21 14.23	−15 34.4	1.814	2.828	0.2	20.0
8 19	21 6.03	−16 30.8	1.823	2.820	4.3	20.3
8 29	20 58.68	−17 21.7	1.859	2.813	8.3	20.6
9 8	20 52.97	−18 3.6	1.919	2.805	11.9	20.8

184950 2005 WT_{83} 8 8.6 325°.81 0°.6/ 8.1 18

6 30	21 38.02	−15 58.2	2.047	2.874	14.0	20.4
7 10	21 34.68	−16 15.9	1.960	2.868	11.1	20.2
7 20	21 29.25	−16 42.1	1.894	2.862	7.6	20.0
7 30	21 22.20	−17 13.7	1.852	2.856	3.8	19.8
8 9	21 14.24	−17 46.6	1.838	2.851	0.7	19.5
8 19	21 6.24	−18 16.6	1.850	2.846	4.5	19.8
8 29	20 59.13	−18 40.2	1.889	2.841	8.3	20.0
9 8	20 53.69	−18 55.2	1.952	2.837	11.7	20.2

78241 2002 OY_{22} 8 8.6 270°.54 5°.5/ 3.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 43.34	−28 48.2	2.190	3.022	13.0	19.8
7 10	21 39.20	−29 53.7	2.089	2.997	10.5	19.6
7 20	21 32.63	−31 1.9	2.011	2.970	7.9	19.3
7 30	21 24.03	−32 6.3	1.958	2.943	5.8	19.2
8 9	21 14.16	−32 59.7	1.932	2.916	5.9	19.1
8 19	21 4.00	−33 36.4	1.932	2.888	8.1	19.2
8 29	20 54.71	−33 53.1	1.959	2.860	11.1	19.3
9 8	20 47.26	−33 49.7	2.008	2.831	14.0	19.5

320736 2008 EX_{31} 8 8.6 8°.63 2°.5/10.3 18

6 30	21 37.16	− 8 21.0	1.847	2.659	15.9	20.4
7 10	21 34.12	− 8 13.4	1.767	2.660	12.9	20.2
7 20	21 28.92	− 8 19.3	1.706	2.661	9.3	20.0
7 30	21 22.04	− 8 37.7	1.669	2.663	5.5	19.8
8 9	21 14.26	− 9 5.9	1.656	2.666	2.6	19.6
8 19	21 6.49	− 9 40.1	1.670	2.669	4.5	19.7
8 29	20 59.68	−10 15.8	1.710	2.672	8.3	20.0
9 8	20 54.63	−10 48.8	1.774	2.676	11.8	20.2

390883 2004 VH_{71} 8 8.6 288°.27 0°.4/ 8.8 16

6 30	21 40.09	−13 17.5	1.772	2.597	15.9	22.2
7 10	21 36.89	−13 28.5	1.668	2.573	12.8	21.9
7 20	21 31.19	−13 51.6	1.583	2.549	9.0	21.6
7 30	21 23.37	−14 24.4	1.522	2.524	4.7	21.3
8 9	21 14.20	−15 2.9	1.486	2.500	0.4	20.9
8 19	21 4.72	−15 42.1	1.476	2.475	5.0	21.2
8 29	20 56.12	−16 16.9	1.493	2.450	9.7	21.4
9 8	20 49.46	−16 43.5	1.532	2.425	13.9	21.6

60438 2000 CF_{78} 8 8.6 338°.07 0°.2/ 8.5 18

6 30	21 38.94	−15 7.2	1.669	2.505	16.3	18.8
7 10	21 35.90	−15 14.5	1.586	2.499	12.9	18.6
7 20	21 30.37	−15 32.0	1.523	2.493	9.0	18.3
7 30	21 22.86	−15 56.9	1.483	2.487	4.5	18.0
8 9	21 14.24	−16 24.5	1.469	2.482	0.3	17.7
8 19	21 5.59	−16 50.4	1.480	2.478	5.0	18.0
8 29	20 58.04	−17 10.3	1.516	2.474	9.5	18.3
9 8	20 52.53	−17 21.7	1.575	2.471	13.5	18.5

432654 2010 XE_{61} 8 8.6 210°.84 2°.0/ 9.9 17

6 30	21 42.89	− 9 6.9	1.871	2.673	16.1	22.6
7 10	21 38.73	− 9 8.5	1.780	2.668	13.0	22.3
7 20	21 32.19	− 9 23.8	1.708	2.662	9.4	22.1
7 30	21 23.75	− 9 51.2	1.660	2.656	5.4	21.9
8 9	21 14.21	−10 27.6	1.638	2.649	2.1	21.6
8 19	21 4.55	−11 8.7	1.644	2.642	4.6	21.8
8 29	20 55.85	−11 49.6	1.676	2.633	8.8	22.0
9 8	20 49.04	−12 26.2	1.733	2.625	12.6	22.2

22330 1991 VU_5 8 8.6 328°.10 7°.7/13.9 18

6 30	21 33.07	+ 2 33.2	1.479	2.270	20.1	18.2
7 10	21 31.64	+ 3 4.5	1.387	2.253	17.3	18.0
7 20	21 27.70	+ 3 11.3	1.312	2.237	14.1	17.7
7 30	21 21.65	+ 2 50.2	1.255	2.222	10.7	17.5
8 9	21 14.29	+ 2 0.9	1.220	2.207	8.1	17.3
8 19	21 6.67	+ 0 47.0	1.208	2.193	8.2	17.3
8 29	21 0.03	− 0 44.3	1.219	2.181	10.9	17.4
9 8	20 55.45	− 2 23.1	1.253	2.169	14.6	17.6

433735 2015 AO_{155} 8 8.6 185°.63 1°.2/ 7.8 17

6 30	21 44.01	−16 39.0	1.835	2.659	15.5	22.4
7 10	21 39.66	−17 8.4	1.753	2.659	12.3	22.2
7 20	21 32.83	−17 47.5	1.691	2.659	8.4	21.9
7 30	21 24.06	−18 31.8	1.654	2.658	4.2	21.7
8 9	21 14.20	−19 16.0	1.644	2.657	1.3	21.5
8 19	21 4.33	−19 54.7	1.661	2.655	5.2	21.8
8 29	20 55.55	−20 23.8	1.704	2.652	9.4	22.0
9 8	20 48.79	−20 41.3	1.772	2.649	13.1	22.2

231608 2009 QK_4 8 8.6 321°.04 0°.4/ 8.7 17

6 30	21 40.52	−15 13.9	1.338	2.187	18.8	20.6
7 10	21 37.91	−15 0.7	1.253	2.172	15.1	20.3
7 20	21 32.24	−14 58.1	1.185	2.157	10.6	20.0
7 30	21 23.99	−15 3.7	1.139	2.143	5.5	19.7
8 9	21 14.21	−15 13.2	1.116	2.130	0.4	19.3
8 19	21 4.25	−15 22.3	1.117	2.117	5.8	19.6
8 29	20 55.62	−15 26.8	1.142	2.105	11.2	19.9
9 8	20 49.56	−15 23.7	1.188	2.094	16.0	20.1

84080 2002 QU_7 8 8.6 306°.64 8°.8/ 2.9 18

6 30	21 46.22	−35 18.2	1.710	2.553	15.7	19.1
7 10	21 42.46	−36 18.0	1.616	2.522	13.1	18.8
7 20	21 35.46	−37 15.2	1.542	2.491	10.6	18.6
7 30	21 25.67	−38 0.3	1.490	2.460	8.9	18.4
8 9	21 14.15	−38 24.2	1.462	2.430	9.2	18.4
8 19	21 2.36	−38 20.1	1.458	2.399	11.4	18.4
8 29	20 51.92	−37 46.3	1.477	2.369	14.5	18.5
9 8	20 44.18	−36 45.7	1.516	2.340	17.7	18.7

350346 2012 UL_{108} 8 8.6 345.°94 3.°1/10.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 37.89	− 7 4.4	1.652	2.466	17.4	21.0
7 10	21 35.03	− 6 55.4	1.569	2.462	14.2	20.7
7 20	21 29.76	− 7 2.6	1.505	2.459	10.4	20.5
7 30	21 22.57	− 7 25.3	1.464	2.457	6.4	20.3
8 9	21 14.29	− 8 0.7	1.447	2.455	3.2	20.1
8 19	21 5.96	− 8 44.3	1.455	2.453	5.1	20.2
8 29	20 58.68	− 9 30.7	1.488	2.452	9.1	20.4
9 8	20 53.37	−10 14.6	1.545	2.451	13.0	20.7

385818 2006 FK_7 8 8.6 172.°69 3.°3/ 6.0 17

6 30	21 43.67	−23 30.6	2.214	3.040	13.1	22.1
7 10	21 38.99	−24 13.6	2.136	3.043	10.3	21.9
7 20	21 32.15	−25 0.1	2.079	3.045	7.2	21.7
7 30	21 23.65	−25 45.2	2.049	3.047	4.3	21.6
8 9	21 14.27	−26 23.4	2.046	3.048	3.5	21.5
8 19	21 4.92	−26 50.6	2.071	3.049	5.9	21.7
8 29	20 56.56	−27 4.3	2.123	3.050	9.1	21.9
9 8	20 49.95	−27 4.1	2.199	3.049	12.0	22.1

314418 2005 UD_{370} 8 8.6 282.°26 3.°8/11.8 18

6 30	21 36.52	− 3 12.1	2.268	3.045	14.3	21.1
7 10	21 33.27	− 3 5.8	2.172	3.038	11.9	20.9
7 20	21 28.20	− 3 14.1	2.096	3.031	9.1	20.7
7 30	21 21.70	− 3 36.8	2.044	3.024	6.1	20.5
8 9	21 14.37	− 4 12.4	2.017	3.017	3.9	20.4
8 19	21 6.95	− 4 57.6	2.018	3.010	4.6	20.4
8 29	21 0.24	− 5 48.5	2.045	3.003	7.4	20.6
9 8	20 54.93	− 6 40.2	2.098	2.996	10.5	20.8

186370 2002 GX_{121} 8 8.6 19.°86 4.°4/ 5.1 18

6 30	21 40.36	−26 45.6	2.135	2.973	13.1	19.6
7 10	21 36.53	−27 31.6	2.062	2.975	10.4	19.4
7 20	21 30.52	−28 18.9	2.011	2.976	7.5	19.2
7 30	21 22.86	−29 2.2	1.985	2.978	5.0	19.1
8 9	21 14.33	−29 35.9	1.985	2.980	4.6	19.1
8 19	21 5.86	−29 55.9	2.013	2.982	6.8	19.2
8 29	20 58.41	−30 0.3	2.066	2.985	9.7	19.4
9 8	20 52.75	−29 49.2	2.142	2.987	12.4	19.6

192236 2008 CO_{202} 8 8.6 320.°97 0.°2/ 8.4 18

6 30	21 38.35	−14 56.5	1.912	2.740	14.8	20.5
7 10	21 35.14	−15 10.9	1.824	2.732	11.8	20.3
7 20	21 29.71	−15 35.0	1.757	2.725	8.1	20.1
7 30	21 22.52	−16 5.9	1.714	2.717	4.1	19.8
8 9	21 14.35	−16 39.4	1.696	2.710	0.3	19.5
8 19	21 6.11	−17 11.1	1.706	2.703	4.6	19.8
8 29	20 58.80	−17 37.1	1.742	2.697	8.7	20.1
9 8	20 53.27	−17 54.6	1.801	2.691	12.3	20.3

243922 2001 MS_{25} 8 8.6 3.°59 5.°0/11.4 18

6 30	21 36.67	− 5 34.4	1.450	2.271	19.0	19.4
7 10	21 34.33	− 4 50.9	1.376	2.270	15.8	19.1
7 20	21 29.41	− 4 24.0	1.319	2.270	11.9	18.9
7 30	21 22.44	− 4 15.1	1.284	2.271	7.9	18.7
8 9	21 14.35	− 4 22.9	1.271	2.274	5.1	18.5
8 19	21 6.27	− 4 44.4	1.282	2.277	6.3	18.6
8 29	20 59.39	− 5 14.6	1.318	2.282	9.9	18.8
9 8	20 54.67	− 5 47.7	1.375	2.287	13.8	19.1

94220 2001 BF_{46} 8 8.6 323.°25 6.°7/13.6 18

6 30	21 38.56	+ 3 6.3	2.278	3.017	15.3	19.2
7 10	21 34.84	+ 3 58.1	2.186	3.015	13.2	19.1
7 20	21 29.26	+ 4 34.8	2.113	3.012	10.8	18.9
7 30	21 22.23	+ 4 54.0	2.063	3.009	8.5	18.7
8 9	21 14.37	+ 4 55.3	2.037	3.007	6.9	18.6
8 19	21 6.43	+ 4 39.7	2.038	3.004	6.9	18.7
8 29	20 59.22	+ 4 10.2	2.064	3.002	8.6	18.8
9 8	20 53.45	+ 3 31.4	2.115	3.000	11.0	18.9

298200 2002 TP_{280} 8 8.6 328.°49 5.°8/ 5.6 18

6 30	21 44.48	−29 14.5	1.594	2.443	16.3	19.7
7 10	21 40.75	−29 38.5	1.512	2.429	13.1	19.5
7 20	21 33.99	−30 1.4	1.450	2.416	9.7	19.3
7 30	21 24.79	−30 16.2	1.411	2.403	6.6	19.1
8 9	21 14.26	−30 16.1	1.396	2.391	6.1	19.0
8 19	21 3.76	−29 56.7	1.406	2.380	8.6	19.1
8 29	20 54.70	−29 17.2	1.440	2.369	12.3	19.3
9 8	20 48.20	−28 20.0	1.496	2.359	15.9	19.5

184253 2004 TP_7 8 8.6 355.°43 4.°1/12.5 18

6 30	21 31.24	− 0 5.8	1.695	2.491	17.7	18.9
7 10	21 29.76	− 0 43.0	1.609	2.486	14.8	18.6
7 20	21 26.13	− 1 45.7	1.541	2.482	11.3	18.4
7 30	21 20.78	− 3 13.2	1.495	2.479	7.5	18.2
8 9	21 14.44	− 5 0.9	1.474	2.477	4.4	18.0
8 19	21 8.01	− 7 1.5	1.478	2.476	5.1	18.0
8 29	21 2.47	− 9 5.2	1.509	2.476	8.7	18.3
9 8	20 58.68	−11 2.8	1.564	2.477	12.5	18.5

401236 2012 BH_5 8 8.6 50.°46 0.°9/ 9.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 40.31	−13 7.3	2.152	2.963	13.9	20.9
7 10	21 36.18	−12 58.1	2.077	2.973	11.1	20.7
7 20	21 30.12	−12 57.2	2.023	2.984	7.7	20.6
7 30	21 22.61	−13 2.8	1.995	2.995	4.1	20.4
8 9	21 14.38	−13 12.2	1.993	3.006	0.9	20.1
8 19	21 6.26	−13 22.7	2.019	3.017	3.9	20.4
8 29	20 59.08	−13 31.8	2.072	3.028	7.4	20.6
9 8	20 53.50	−13 37.2	2.150	3.040	10.6	20.8

39427 Charlottebronte 8 8.6 2.°88 1.°6/ 7.2 18

6 30	21 34.82	−19 6.5	2.431	3.262	11.9	17.8
7 10	21 31.83	−19 35.8	2.350	3.262	9.3	17.6
7 20	21 27.13	−20 10.7	2.292	3.262	6.4	17.5
7 30	21 21.13	−20 47.7	2.260	3.263	3.2	17.3
8 9	21 14.44	−21 23.0	2.254	3.264	1.7	17.1
8 19	21 7.77	−21 53.1	2.276	3.266	4.4	17.3
8 29	21 1.84	−22 15.0	2.325	3.269	7.5	17.5
9 8	20 57.28	−22 27.4	2.398	3.272	10.3	17.7

80736 2000 CX_{32} 8 8.6 213.°78 0.°4/ 8.9 18

6 30	21 42.89	−13 15.2	1.773	2.592	16.1	20.0
7 10	21 38.89	−13 25.1	1.687	2.588	12.9	19.8
7 20	21 32.40	−13 46.4	1.621	2.584	9.0	19.5
7 30	21 23.92	−14 16.5	1.578	2.580	4.6	19.3
8 9	21 14.33	−14 51.0	1.562	2.575	0.4	18.9
8 19	21 4.66	−15 25.2	1.572	2.570	4.8	19.2
8 29	20 56.06	−15 54.7	1.609	2.565	9.2	19.5
9 8	20 49.48	−16 16.4	1.669	2.559	13.1	19.7

17770 Baumé 8 8.6 328.°98 0.°4/ 8.3 18

6 30	21 30.60	−11 52.2	1.248	2.110	19.1	16.4
7 10	21 30.35	−12 37.9	1.155	2.083	15.4	16.1
7 20	21 27.26	−13 46.7	1.080	2.057	10.8	15.7
7 30	21 21.66	−15 15.4	1.026	2.032	5.5	15.3
8 9	21 14.42	−16 56.3	0.995	2.008	0.6	14.9
8 19	21 6.78	−18 38.6	0.986	1.986	6.4	15.3
8 29	21 0.24	−20 11.2	1.000	1.965	12.2	15.5
9 8	20 56.17	−21 25.4	1.034	1.945	17.4	15.7

144003 2004 AS_6 8 8.6 7.°39 1.°2/ 7.8 18

6 30	21 39.44	−16 55.6	1.800	2.635	15.3	20.4
7 10	21 36.10	−17 21.2	1.722	2.635	12.1	20.2
7 20	21 30.42	−17 56.0	1.665	2.635	8.3	20.0
7 30	21 22.90	−18 35.9	1.632	2.636	4.1	19.7
8 9	21 14.41	−19 15.6	1.624	2.637	1.3	19.5
8 19	21 5.92	−19 50.4	1.643	2.638	5.1	19.8
8 29	20 58.51	−20 16.1	1.688	2.640	9.2	20.1
9 8	20 53.01	−20 30.6	1.756	2.641	12.8	20.3

299844 2006 SW_{220} 8 8.6 219.°92 0.°8/ 9.2 18

6 30	21 38.98	−11 45.4	2.088	2.900	14.3	20.9
7 10	21 35.37	−11 59.8	2.002	2.898	11.4	20.7
7 20	21 29.74	−12 25.2	1.936	2.897	8.0	20.5
7 30	21 22.52	−12 59.4	1.895	2.896	4.2	20.3
8 9	21 14.43	−13 38.7	1.881	2.894	0.8	20.0
8 19	21 6.30	−14 19.0	1.894	2.892	4.0	20.3
8 29	20 59.03	−14 56.2	1.934	2.891	7.9	20.5
9 8	20 53.38	−15 27.1	1.999	2.889	11.3	20.7

134901 2000 WY_{156} 8 8.6 165.°59 3.°0/ 5.5 18 R

6 30	21 40.72	−25 14.2	2.962	3.780	10.3	21.3
7 10	21 36.12	−25 55.4	2.883	3.785	8.1	21.2
7 20	21 29.91	−26 38.2	2.827	3.790	5.7	21.0
7 30	21 22.49	−27 18.5	2.799	3.794	3.6	20.9
8 9	21 14.44	−27 52.6	2.800	3.797	3.2	20.9
8 19	21 6.41	−28 17.5	2.829	3.800	5.0	21.0
8 29	20 59.09	−28 31.4	2.886	3.803	7.3	21.1
9 8	20 53.06	−28 33.8	2.968	3.805	9.6	21.3

137821 2000 AO_7 8 8.6 289.°40 4.°1/ 6.1 18

6 30	21 41.85	−21 50.2	1.501	2.352	17.0	20.0
7 10	21 38.99	−22 39.1	1.408	2.330	13.6	19.8
7 20	21 33.08	−23 37.5	1.334	2.307	9.6	19.5
7 30	21 24.55	−24 39.0	1.283	2.284	5.5	19.2
8 9	21 14.34	−25 34.9	1.256	2.261	4.3	19.1
8 19	21 3.78	−26 17.3	1.254	2.239	8.0	19.2
8 29	20 54.40	−26 40.7	1.275	2.216	12.6	19.4
9 8	20 47.51	−26 43.5	1.318	2.193	16.9	19.6

204012 2003 UW_{35} 8 8.6 315.°89 6.°2/ 3.4 18

6 30	21 37.71	−25 28.4	1.630	2.487	15.6	19.6
7 10	21 35.43	−27 8.1	1.551	2.475	12.4	19.4
7 20	21 30.41	−28 55.9	1.493	2.463	9.1	19.1
7 30	21 23.10	−30 42.5	1.459	2.451	6.5	19.0
8 9	21 14.40	−32 17.7	1.451	2.440	6.8	19.0
8 19	21 5.50	−33 32.4	1.467	2.429	9.6	19.1
8 29	20 57.73	−34 21.3	1.507	2.419	13.1	19.3
9 8	20 52.22	−34 43.6	1.567	2.409	16.4	19.5

57662 2001 UJ_{13} 8 8.6 256°.01 0°.3/ 8.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 38.36	−14 24.0	2.168	2.986	13.6	19.6
7 10	21 34.86	−14 50.7	2.079	2.982	10.8	19.4
7 20	21 29.38	−15 27.2	2.012	2.978	7.4	19.2
7 30	21 22.34	−16 10.2	1.970	2.973	3.7	19.0
8 9	21 14.44	−16 55.8	1.955	2.969	0.4	18.7
8 19	21 6.48	−17 39.3	1.968	2.964	4.2	19.0
8 29	20 59.34	−18 17.0	2.008	2.960	7.9	19.2
9 8	20 53.77	−18 45.9	2.072	2.955	11.2	19.4

347141 2010 OO_{71} 8 8.6 296°.87 5°.0/11.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 39.85	− 3 14.7	1.893	2.677	16.5	21.0
7 10	21 36.30	− 2 38.4	1.802	2.671	13.8	20.8
7 20	21 30.53	− 2 17.0	1.731	2.665	10.7	20.6
7 30	21 22.99	− 2 11.6	1.681	2.659	7.4	20.4
8 9	21 14.43	− 2 21.5	1.657	2.654	5.1	20.2
8 19	21 5.77	− 2 44.5	1.659	2.648	5.9	20.3
8 29	20 58.00	− 3 16.6	1.687	2.642	8.9	20.4
9 8	20 51.99	− 3 53.0	1.738	2.637	12.2	20.6

447454 2006 HQ_{69} 8 8.6 36°.63 19°.1/25.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 36.21	+22 30.6	1.152	1.849	29.4	21.2
7 10	21 34.91	+24 18.7	1.093	1.852	27.5	21.1
7 20	21 30.40	+25 26.3	1.043	1.857	25.3	20.9
7 30	21 23.20	+25 42.3	1.004	1.861	22.9	20.7
8 9	21 14.42	+24 59.7	0.978	1.867	20.8	20.6
8 19	21 5.50	+23 17.4	0.967	1.872	19.4	20.6
8 29	20 58.08	+20 43.3	0.974	1.878	19.2	20.6
9 8	20 53.44	+17 33.6	0.999	1.884	20.2	20.7

321807 2010 PG_{80} 8 8.6 261°.96 1°.5/ 9.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 40.77	− 9 48.6	1.565	2.386	17.8	21.1
7 10	21 37.70	−10 3.3	1.472	2.373	14.5	20.8
7 20	21 31.92	−10 35.0	1.398	2.360	10.4	20.6
7 30	21 23.86	−11 21.9	1.346	2.346	5.7	20.3
8 9	21 14.40	−12 19.3	1.319	2.332	1.5	19.9
8 19	21 4.68	−13 21.0	1.318	2.318	5.2	20.2
8 29	20 56.02	−14 20.0	1.342	2.303	10.1	20.4
9 8	20 49.53	−15 10.8	1.389	2.289	14.6	20.6

513806 2013 CC_{175} 8 8.6 73°.76 6°.6/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 53.86	−37 5.3	2.271	3.082	13.3	20.7
7 10	21 46.78	−37 26.1	2.215	3.100	11.0	20.6
7 20	21 37.29	−37 39.2	2.180	3.118	8.6	20.5
7 30	21 26.12	−37 38.6	2.171	3.136	6.9	20.4
8 9	21 14.33	−37 20.1	2.189	3.154	6.8	20.4
8 19	21 3.04	−36 42.4	2.234	3.172	8.2	20.5
8 29	20 53.26	−35 46.9	2.305	3.190	10.3	20.7
9 8	20 45.73	−34 37.2	2.401	3.208	12.5	20.9

442563 2012 AD_{17} 8 8.6 233°.77 1°.4/10.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 36.48	− 7 25.7	2.760	3.543	11.9	21.7
7 10	21 32.96	− 8 1.4	2.655	3.532	9.6	21.5
7 20	21 27.87	− 8 49.6	2.572	3.521	6.9	21.3
7 30	21 21.55	− 9 48.4	2.515	3.510	3.9	21.1
8 9	21 14.50	−10 54.6	2.487	3.498	1.4	20.9
8 19	21 7.33	−12 4.4	2.487	3.485	3.3	21.0
8 29	21 0.71	−13 13.2	2.517	3.473	6.3	21.2
9 8	20 55.23	−14 17.4	2.574	3.460	9.2	21.4

445782 2011 YJ_{48} 8 8.6 250°.87 1°.8/10.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 38.41	− 9 3.0	2.445	3.238	13.0	22.2
7 10	21 34.67	− 9 4.6	2.344	3.227	10.5	22.0
7 20	21 29.14	− 9 16.7	2.264	3.216	7.6	21.8
7 30	21 22.22	− 9 38.2	2.210	3.205	4.4	21.5
8 9	21 14.48	−10 6.7	2.183	3.193	1.8	21.3
8 19	21 6.63	−10 39.3	2.184	3.182	3.7	21.5
8 29	20 59.46	−11 12.6	2.213	3.170	7.0	21.6
9 8	20 53.63	−11 43.3	2.268	3.158	10.1	21.8

186087 2001 SP_{259} 8 8.6 30°.34 0°.7/ 9.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 38.89	−12 32.5	1.242	2.093	19.9	20.0
7 10	21 36.45	−12 42.2	1.184	2.103	15.8	19.7
7 20	21 31.03	−13 7.7	1.143	2.114	11.0	19.5
7 30	21 23.31	−13 45.7	1.122	2.126	5.7	19.2
8 9	21 14.44	−14 29.9	1.125	2.139	0.7	18.9
8 19	21 5.76	−15 13.6	1.152	2.153	5.6	19.3
8 29	20 58.62	−15 50.7	1.202	2.167	10.6	19.7
9 8	20 54.03	−16 17.3	1.274	2.182	15.0	20.0

479716 2014 DH_{129} 8 8.6 6°.23 0°.6/ 8.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 37.77	−14 33.4	1.709	2.544	16.0	20.7
7 10	21 34.92	−15 5.1	1.632	2.544	12.6	20.4
7 20	21 29.69	−15 49.0	1.575	2.545	8.7	20.2
7 30	21 22.59	−16 41.0	1.542	2.546	4.3	20.0
8 9	21 14.47	−17 35.6	1.534	2.547	0.7	19.7
8 19	21 6.33	−18 26.8	1.552	2.549	5.0	20.0
8 29	20 59.28	−19 9.5	1.596	2.551	9.3	20.3
9 8	20 54.17	−19 40.5	1.662	2.553	13.1	20.5

342369 2008 UF_4 8 8.6 270°.89 7°.0/ 3.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 45.53	−31 49.4	1.965	2.800	14.2	21.0
7 10	21 41.34	−32 57.3	1.872	2.778	11.6	20.8
7 20	21 34.37	−34 5.8	1.801	2.755	9.0	20.6
7 30	21 25.08	−35 6.8	1.754	2.732	7.2	20.4
8 9	21 14.37	−35 52.3	1.733	2.708	7.4	20.4
8 19	21 3.41	−36 16.2	1.738	2.684	9.5	20.5
8 29	20 53.55	−36 15.7	1.767	2.660	12.5	20.6
9 8	20 45.91	−35 52.2	1.817	2.635	15.5	20.8

393516 2002 TJ_{31} 8 8.6 299°.45 5°.5/ 4.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 41.84	−27 22.7	1.820	2.665	14.7	20.8
7 10	21 38.48	−28 14.6	1.725	2.641	11.9	20.5
7 20	21 32.42	−29 9.8	1.651	2.617	8.7	20.3
7 30	21 24.10	−30 1.4	1.601	2.593	6.0	20.1
8 9	21 14.40	−30 41.9	1.576	2.570	5.8	20.0
8 19	21 4.47	−31 5.3	1.577	2.546	8.4	20.1
8 29	20 55.59	−31 8.1	1.602	2.522	11.9	20.3
9 8	20 48.87	−30 50.6	1.649	2.499	15.3	20.4

461850 2006 FK_{15} 8 8.6 73°.43 1°.3/ 9.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 43.51	−10 18.1	1.297	2.130	20.2	21.7
7 10	21 39.86	−10 35.8	1.242	2.150	16.1	21.5
7 20	21 33.24	−11 11.6	1.204	2.169	11.3	21.3
7 30	21 24.37	−12 1.7	1.187	2.188	6.0	21.0
8 9	21 14.41	−12 59.6	1.195	2.208	1.3	20.8
8 19	21 4.71	−13 57.9	1.227	2.227	5.4	21.1
8 29	20 56.63	−14 50.0	1.284	2.246	10.4	21.5
9 8	20 51.11	−15 31.1	1.363	2.265	14.7	21.8

319159 2005 YT_{75} 8 8.6 251°.16 0°.2/ 8.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 39.09	−14 9.3	2.434	3.243	12.6	22.1
7 10	21 35.18	−14 16.3	2.341	3.237	10.0	21.9
7 20	21 29.47	−14 30.8	2.269	3.231	6.9	21.7
7 30	21 22.36	−14 50.9	2.224	3.225	3.5	21.5
8 9	21 14.48	−15 13.5	2.205	3.219	0.2	21.2
8 19	21 6.56	−15 35.7	2.215	3.213	3.7	21.5
8 29	20 59.37	−15 54.6	2.253	3.206	7.1	21.7
9 8	20 53.58	−16 8.0	2.316	3.200	10.2	21.9

282962 2007 RV_{273} 8 8.6 336°.64 3°.2/10.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 38.27	− 5 52.9	1.865	2.664	16.2	21.1
7 10	21 35.06	− 5 49.0	1.780	2.663	13.3	20.9
7 20	21 29.67	− 6 0.8	1.714	2.662	9.8	20.6
7 30	21 22.56	− 6 27.6	1.671	2.660	6.1	20.4
8 9	21 14.49	− 7 6.7	1.653	2.659	3.3	20.2
8 19	21 6.36	− 7 54.2	1.661	2.658	4.8	20.3
8 29	20 59.15	− 8 44.7	1.696	2.657	8.4	20.5
9 8	20 53.70	− 9 33.4	1.755	2.657	12.0	20.8

474542 2003 WA_{68} 8 8.6 184°.43 11°.0/18.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 40.51	+17 40.4	2.400	3.030	17.0	21.3
7 10	21 36.44	+18 57.7	2.311	3.030	15.6	21.2
7 20	21 30.45	+19 54.6	2.238	3.030	14.1	21.1
7 30	21 22.92	+20 26.7	2.184	3.029	12.6	20.9
8 9	21 14.48	+20 31.3	2.152	3.028	11.5	20.9
8 19	21 5.90	+20 8.1	2.141	3.027	11.0	20.8
8 29	20 58.03	+19 19.6	2.154	3.025	11.5	20.9
9 8	20 51.62	+18 11.5	2.190	3.023	12.6	21.0

449621 2014 JN_{79} 8 8.6 55°.45 8°.0/ 1.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 43.49	−33 46.3	1.892	2.733	14.4	20.5
7 10	21 39.35	−35 40.5	1.859	2.764	11.7	20.4
7 20	21 32.62	−37 29.6	1.849	2.795	9.3	20.3
7 30	21 23.98	−39 4.5	1.864	2.827	8.0	20.3
8 9	21 14.45	−40 17.3	1.904	2.858	8.4	20.4
8 19	21 5.17	−41 3.6	1.969	2.889	10.2	20.5
8 29	20 57.30	−41 22.9	2.058	2.920	12.3	20.7
9 8	20 51.65	−41 18.0	2.167	2.951	14.4	20.9

450423 2005 UX_{13} 8 8.6 286°.47 2°.2/10.4 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 37.30	− 7 57.5	2.200	2.998	14.1	21.7
7 10	21 34.08	− 8 0.8	2.097	2.982	11.5	21.5
7 20	21 28.91	− 8 16.8	2.014	2.965	8.4	21.3
7 30	21 22.18	− 8 44.6	1.955	2.949	5.0	21.0
8 9	21 14.51	− 9 21.5	1.923	2.932	2.2	20.8
8 19	21 6.68	−10 4.1	1.918	2.916	4.1	20.9
8 29	20 59.54	−10 48.3	1.940	2.899	7.6	21.1
9 8	20 53.87	−11 29.8	1.987	2.883	11.1	21.3

107637 2001 EO_{13} 8 8.6 236°.20 6°.0/14.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 36.69	+ 5 15.4	2.041	2.781	16.8	19.7
7 10	21 33.69	+ 4 59.0	1.945	2.777	14.5	19.5
7 20	21 28.69	+ 4 18.9	1.867	2.772	11.7	19.3
7 30	21 22.07	+ 3 13.9	1.811	2.768	8.7	19.1
8 9	21 14.52	+ 1 46.2	1.779	2.763	6.4	18.9
8 19	21 6.84	+ 0 0.7	1.775	2.758	6.3	18.9
8 29	20 59.94	− 1 55.5	1.798	2.753	8.5	19.1
9 8	20 54.60	− 3 53.8	1.847	2.748	11.5	19.2

292468 2006 SP_{380} 8 8.6 14.°87 8.°3/ 2.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 29.11	−22 43.3	0.877	1.782	21.3	18.6
7 10	21 30.07	−25 10.1	0.836	1.789	16.7	18.4
7 20	21 27.39	−27 49.6	0.813	1.798	12.0	18.1
7 30	21 21.74	−30 24.5	0.810	1.809	8.6	18.0
8 9	21 14.53	−32 36.1	0.828	1.822	9.2	18.1
8 19	21 7.53	−34 10.9	0.865	1.837	12.9	18.4
8 29	21 2.48	−35 3.2	0.921	1.854	17.1	18.7
9 8	21 0.59	−35 15.4	0.994	1.872	20.9	19.0

187739 1168 T_{-1} 8 8.6 172.°53 2.°8/11.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 37.70	− 3 5.5	3.218	3.969	11.0	22.0
7 10	21 33.55	− 3 11.4	3.123	3.973	9.1	21.9
7 20	21 28.06	− 3 28.1	3.049	3.976	6.9	21.7
7 30	21 21.58	− 3 55.1	3.001	3.979	4.6	21.6
8 9	21 14.56	− 4 30.6	2.982	3.981	2.9	21.5
8 19	21 7.51	− 5 12.4	2.992	3.982	3.4	21.5
8 29	21 0.98	− 5 57.6	3.031	3.983	5.6	21.7
9 8	20 55.46	− 6 43.1	3.098	3.984	7.8	21.8

347771 2002 CM_{172} 8 8.6 173.°81 1.°0/ 7.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 44.21	−15 3.5	1.793	2.613	15.9	21.7
7 10	21 39.92	−15 46.7	1.712	2.617	12.6	21.5
7 20	21 33.12	−16 42.0	1.653	2.619	8.7	21.3
7 30	21 24.34	−17 44.6	1.618	2.621	4.3	21.0
8 9	21 14.45	−18 48.4	1.609	2.622	1.1	20.8
8 19	21 4.52	−19 46.8	1.628	2.623	5.3	21.1
8 29	20 55.70	−20 34.9	1.674	2.622	9.5	21.3
9 8	20 48.93	−21 9.5	1.744	2.621	13.3	21.6

284272 2006 HC_{98} 8 8.6 35.°66 1.°5/ 7.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 41.08	−17 57.3	1.798	2.631	15.4	21.2
7 10	21 37.41	−18 22.8	1.721	2.633	12.1	21.0
7 20	21 31.35	−18 56.7	1.664	2.634	8.3	20.8
7 30	21 23.42	−19 34.5	1.631	2.635	4.2	20.5
8 9	21 14.49	−20 10.9	1.625	2.637	1.7	20.4
8 19	21 5.58	−20 41.2	1.645	2.639	5.3	20.6
8 29	20 57.78	−21 1.6	1.691	2.640	9.4	20.9
9 8	20 51.96	−21 10.4	1.760	2.642	13.0	21.1

380877 2006 DE 8 8.6 155.°48 9.°5/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 49.43	−42 32.9	2.358	3.168	12.9	21.1
7 10	21 44.21	−44 35.1	2.308	3.176	11.2	21.0
7 20	21 36.22	−46 29.5	2.281	3.184	9.9	20.9
7 30	21 25.95	−48 6.8	2.280	3.192	9.5	20.9
8 9	21 14.39	−49 19.5	2.303	3.198	10.1	21.0
8 19	21 2.75	−50 3.4	2.351	3.204	11.4	21.1
8 29	20 52.35	−50 17.9	2.422	3.210	13.0	21.2
9 8	20 44.25	−50 6.3	2.511	3.214	14.6	21.4

437340 2013 SM_{78} 8 8.6 240.°44 2.°9/ 6.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 44.68	−21 1.3	1.921	2.749	14.7	22.1
7 10	21 40.38	−21 41.1	1.826	2.735	11.7	21.9
7 20	21 33.54	−22 28.0	1.752	2.720	8.1	21.7
7 30	21 24.62	−23 16.6	1.703	2.705	4.5	21.4
8 9	21 14.44	−24 0.9	1.681	2.688	3.1	21.3
8 19	21 4.08	−24 35.2	1.686	2.672	6.2	21.5
8 29	20 54.71	−24 55.8	1.718	2.654	10.1	21.6
9 8	20 47.33	−25 1.3	1.773	2.637	13.8	21.8

505387 2013 PS_{18} 8 8.6 67.°19 0.°2/ 8.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 45.79	−16 12.3	1.405	2.243	18.7	21.0
7 10	21 41.66	−16 6.2	1.336	2.249	14.8	20.8
7 20	21 34.54	−16 9.8	1.287	2.256	10.3	20.6
7 30	21 25.09	−16 19.5	1.259	2.263	5.1	20.3
8 9	21 14.43	−16 30.7	1.256	2.270	0.3	20.0
8 19	21 3.95	−16 39.1	1.279	2.277	5.6	20.4
8 29	20 55.01	−16 41.2	1.326	2.284	10.5	20.7
9 8	20 48.64	−16 35.3	1.396	2.292	14.8	21.0

223553 2004 EB_{77} 8 8.6 73.°82 1.°0/ 8.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 42.53	−15 20.3	1.504	2.341	17.7	20.9
7 10	21 38.82	−15 54.3	1.443	2.356	13.9	20.7
7 20	21 32.42	−16 40.3	1.401	2.372	9.5	20.4
7 30	21 23.96	−17 33.5	1.383	2.387	4.7	20.2
8 9	21 14.48	−18 26.9	1.389	2.403	1.1	20.0
8 19	21 5.20	−19 14.3	1.422	2.418	5.5	20.3
8 29	20 57.31	−19 50.8	1.480	2.433	10.0	20.6
9 8	20 51.73	−20 14.0	1.560	2.449	13.9	20.9

313286 2002 CA_{27} 8 8.6 303.°20 2.°5/ 6.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 39.05	−19 34.1	1.938	2.774	14.3	20.8
7 10	21 36.08	−20 15.4	1.826	2.740	11.4	20.5
7 20	21 30.71	−21 6.1	1.735	2.706	7.9	20.2
7 30	21 23.28	−22 1.7	1.669	2.672	4.3	19.9
8 9	21 14.50	−22 56.3	1.629	2.638	2.7	19.8
8 19	21 5.34	−23 43.6	1.616	2.604	6.1	19.9
8 29	20 56.93	−24 18.8	1.628	2.570	10.2	20.1
9 8	20 50.32	−24 38.9	1.663	2.536	14.1	20.2

259412 2003 QB_{72} 8 8.6 319.°05 2.°0/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 36.47	−18 53.7	2.032	2.869	13.7	20.2
7 10	21 33.70	−19 32.0	1.937	2.852	10.8	20.0
7 20	21 28.80	−20 18.6	1.865	2.836	7.5	19.8
7 30	21 22.18	−21 9.1	1.816	2.820	3.9	19.5
8 9	21 14.55	−21 58.4	1.794	2.804	2.2	19.4
8 19	21 6.78	−22 41.3	1.799	2.789	5.4	19.5
8 29	20 59.83	−23 13.6	1.830	2.774	9.1	19.7
9 8	20 54.55	−23 33.0	1.884	2.760	12.5	19.9

507391 2012 GP_{33} 8 8.6 1.°62 2.°9/ 7.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 36.22	−18 59.9	1.103	1.980	20.1	20.3
7 10	21 34.99	−19 34.1	1.041	1.977	15.9	20.0
7 20	21 30.45	−20 20.4	0.996	1.976	10.9	19.8
7 30	21 23.21	−21 12.1	0.970	1.976	5.6	19.5
8 9	21 14.52	−22 0.3	0.967	1.978	3.2	19.3
8 19	21 5.90	−22 36.9	0.986	1.981	7.6	19.6
8 29	20 58.95	−22 56.3	1.026	1.985	12.8	19.9
9 8	20 54.85	−22 56.9	1.085	1.990	17.4	20.2

150250 1999 JC_{99} 8 8.6 77.°92 4.°1/12.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 40.70	− 1 2.5	1.727	2.506	18.1	19.8
7 10	21 36.87	− 1 24.9	1.666	2.533	14.9	19.7
7 20	21 30.80	− 2 8.9	1.623	2.559	11.2	19.5
7 30	21 23.06	− 3 13.1	1.604	2.585	7.3	19.3
8 9	21 14.54	− 4 32.7	1.609	2.611	4.4	19.2
8 19	21 6.19	− 6 1.3	1.642	2.636	5.2	19.3
8 29	20 59.00	− 7 31.3	1.701	2.661	8.4	19.6
9 8	20 53.72	− 8 55.9	1.785	2.686	11.8	19.8

72801 2001 FE_{192} 8 8.6 307.°16 1.°5/ 7.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 38.01	−18 42.5	2.219	3.048	13.0	19.2
7 10	21 34.66	−19 7.4	2.125	3.035	10.3	19.0
7 20	21 29.31	−19 38.8	2.053	3.022	7.0	18.8
7 30	21 22.39	−20 13.3	2.006	3.010	3.6	18.5
8 9	21 14.56	−20 46.7	1.986	2.997	1.7	18.4
8 19	21 6.64	−21 14.8	1.993	2.985	4.7	18.6
8 29	20 59.52	−21 34.6	2.027	2.973	8.3	18.8
9 8	20 53.95	−21 44.2	2.086	2.962	11.5	19.0

60215 1999 VQ_{81} 8 8.7 219.°46 2.°3/10.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 42.57	− 7 34.8	1.990	2.782	15.6	19.8
7 10	21 38.45	− 7 42.1	1.892	2.773	12.7	19.6
7 20	21 32.06	− 8 3.9	1.814	2.764	9.3	19.3
7 30	21 23.84	− 8 39.0	1.760	2.753	5.5	19.1
8 9	21 14.52	− 9 24.4	1.732	2.742	2.4	18.8
8 19	21 5.03	−10 15.7	1.733	2.730	4.5	19.0
8 29	20 56.38	−11 7.8	1.760	2.718	8.4	19.2
9 8	20 49.48	−11 56.0	1.813	2.704	12.2	19.4

378127 2006 VH_{10} 8 8.7 322.°32 4.°2/10.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 35.83	− 7 14.6	1.241	2.081	20.5	21.1
7 10	21 34.48	− 6 47.3	1.152	2.060	17.0	20.8
7 20	21 30.12	− 6 38.7	1.080	2.041	12.8	20.5
7 30	21 23.16	− 6 49.8	1.027	2.022	8.0	20.1
8 9	21 14.54	− 7 19.0	0.996	2.004	4.3	19.9
8 19	21 5.57	− 8 1.7	0.987	1.987	6.5	20.0
8 29	20 57.80	− 8 51.0	1.001	1.971	11.5	20.2
9 8	20 52.55	− 9 39.2	1.035	1.956	16.5	20.4

523205 2016 VH_{20} 8 8.7 355.°83 2.°1/10.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 35.75	− 7 10.1	1.970	2.775	15.2	21.4
7 10	21 33.00	− 7 31.7	1.884	2.774	12.4	21.2
7 20	21 28.22	− 8 9.0	1.819	2.773	8.9	21.0
7 30	21 21.86	− 9 0.3	1.777	2.772	5.2	20.8
8 9	21 14.61	−10 1.6	1.761	2.771	2.1	20.6
8 19	21 7.31	−11 8.0	1.772	2.771	4.2	20.7
8 29	21 0.86	−12 13.6	1.810	2.771	7.9	21.0
9 8	20 56.01	−13 13.6	1.872	2.772	11.4	21.2

249514 Donaldroyer 8 8.7 79.°72 1.°3/ 9.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 38.27	− 9 21.1	1.926	2.736	15.4	20.7
7 10	21 34.98	− 9 45.9	1.847	2.741	12.3	20.5
7 20	21 29.57	−10 25.0	1.788	2.747	8.7	20.3
7 30	21 22.53	−11 15.9	1.753	2.752	4.8	20.0
8 9	21 14.60	−12 14.3	1.745	2.757	1.3	19.8
8 19	21 6.67	−13 14.9	1.764	2.763	4.2	20.0
8 29	20 59.68	−14 12.4	1.809	2.768	8.1	20.3
9 8	20 54.40	−15 2.4	1.879	2.774	11.7	20.5

311459 2005 UE_{397} 8 8.7 317.°66 3.°9/ 6.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 42.30	−25 39.1	1.972	2.810	14.1	20.3
7 10	21 38.36	−26 3.9	1.887	2.800	11.2	20.1
7 20	21 32.02	−26 30.5	1.823	2.790	7.9	19.9
7 30	21 23.80	−26 53.5	1.784	2.781	4.9	19.7
8 9	21 14.55	−27 8.0	1.770	2.772	4.1	19.6
8 19	21 5.29	−27 9.9	1.784	2.763	6.6	19.8
8 29	20 57.11	−26 57.4	1.823	2.754	10.0	19.9
9 8	20 50.88	−26 30.9	1.885	2.746	13.2	20.1

426678 2013 TB_{19} 8 8.7 149°.95 1°.3/ 9.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 43.77	−11 51.5	1.677	2.494	17.0	21.1
7 10	21 39.66	−11 46.3	1.598	2.497	13.6	20.9
7 20	21 32.99	−11 53.2	1.539	2.500	9.7	20.7
7 30	21 24.31	−12 10.0	1.503	2.502	5.2	20.4
8 9	21 14.54	−12 33.2	1.492	2.505	1.3	20.1
8 19	21 4.80	−12 58.6	1.508	2.507	4.8	20.4
8 29	20 56.23	−13 22.0	1.550	2.509	9.2	20.7
9 8	20 49.78	−13 40.0	1.615	2.510	13.2	20.9

218317 2003 YO_{21} 8 8.7 302°.28 3°.4/ 6.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 39.83	−19 24.1	1.427	2.281	17.6	20.5
7 10	21 37.32	−20 23.0	1.347	2.271	13.9	20.2
7 20	21 31.86	−21 34.2	1.287	2.262	9.6	20.0
7 30	21 23.94	−22 50.8	1.250	2.253	5.2	19.7
8 9	21 14.55	−24 3.7	1.237	2.245	3.7	19.6
8 19	21 5.01	−25 4.4	1.248	2.236	7.5	19.8
8 29	20 56.76	−25 46.6	1.283	2.228	12.1	20.0
9 8	20 50.98	−26 8.1	1.340	2.220	16.3	20.2

437589 2014 AV_{47} 8 8.7 87°.19 2°.5/ 6.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 39.47	−17 41.1	1.856	2.690	14.9	21.1
7 10	21 36.10	−18 56.2	1.787	2.700	11.7	20.9
7 20	21 30.43	−20 21.8	1.739	2.710	7.9	20.7
7 30	21 22.99	−21 51.6	1.717	2.720	4.1	20.5
8 9	21 14.60	−23 18.1	1.722	2.731	2.8	20.5
8 19	21 6.23	−24 34.2	1.754	2.741	5.9	20.7
8 29	20 58.92	−25 34.9	1.813	2.751	9.6	20.9
9 8	20 53.48	−26 17.7	1.895	2.761	12.9	21.2

467557 2007 TJ_{168} 8 8.7 304°.34 4°.1/10.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 39.73	− 7 2.0	1.321	2.149	20.2	21.0
7 10	21 37.33	− 6 36.5	1.235	2.136	16.7	20.7
7 20	21 31.95	− 6 29.2	1.166	2.124	12.5	20.4
7 30	21 24.04	− 6 40.7	1.118	2.111	7.8	20.1
8 9	21 14.56	− 7 8.9	1.092	2.100	4.2	19.9
8 19	21 4.83	− 7 49.4	1.089	2.088	6.3	20.0
8 29	20 56.34	− 8 35.5	1.110	2.077	11.1	20.2
9 8	20 50.33	− 9 20.5	1.152	2.066	15.8	20.4

446260 2013 HS_{109} 8 8.7 178°.57 0°.4/ 8.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 38.93	−15 24.6	2.659	3.467	11.7	22.5
7 10	21 34.90	−15 47.5	2.571	3.468	9.2	22.4
7 20	21 29.21	−16 17.2	2.506	3.469	6.3	22.2
7 30	21 22.26	−16 51.3	2.467	3.469	3.1	22.0
8 9	21 14.64	−17 26.4	2.456	3.469	0.5	21.7
8 19	21 7.01	−17 59.3	2.474	3.469	3.6	22.0
8 29	21 0.06	−18 27.1	2.520	3.469	6.7	22.2
9 8	20 54.40	−18 47.8	2.593	3.468	9.5	22.4

95638 2002 GP_{63} 8 8.7 61°.14 0°.9/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 38.70	−16 33.8	2.166	2.989	13.5	19.8
7 10	21 35.03	−17 1.7	2.094	3.000	10.5	19.7
7 20	21 29.44	−17 37.2	2.044	3.012	7.2	19.5
7 30	21 22.41	−18 16.8	2.020	3.023	3.5	19.3
8 9	21 14.64	−18 56.2	2.022	3.035	1.0	19.1
8 19	21 6.95	−19 31.3	2.052	3.046	4.3	19.4
8 29	21 0.17	−19 58.9	2.109	3.058	7.8	19.6
9 8	20 54.98	−20 17.0	2.191	3.070	10.9	19.8

211806 2004 DP_{22} 8 8.7 262°.73 2°.3/10.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 38.02	− 6 23.6	2.194	2.985	14.4	21.0
7 10	21 34.71	− 6 41.4	2.088	2.967	11.8	20.8
7 20	21 29.43	− 7 14.2	2.002	2.950	8.6	20.5
7 30	21 22.53	− 8 0.9	1.940	2.932	5.2	20.3
8 9	21 14.64	− 8 58.6	1.905	2.914	2.4	20.1
8 19	21 6.54	−10 2.9	1.898	2.896	4.1	20.2
8 29	20 59.12	−11 8.7	1.918	2.877	7.7	20.4
9 8	20 53.16	−12 10.9	1.964	2.858	11.2	20.5

69263 Big Ben 8 8.7 227°.41 1°.3/ 9.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 43.47	−10 45.2	1.847	2.655	16.0	19.8
7 10	21 39.39	−10 55.5	1.751	2.645	13.0	19.6
7 20	21 32.87	−11 19.0	1.675	2.634	9.2	19.3
7 30	21 24.33	−11 53.9	1.623	2.622	5.0	19.1
8 9	21 14.59	−12 36.2	1.597	2.610	1.3	18.8
8 19	21 4.65	−13 21.1	1.599	2.597	4.6	19.0
8 29	20 55.66	−14 3.7	1.627	2.584	9.0	19.2
9 8	20 48.59	−14 39.7	1.679	2.570	13.0	19.4

386753 2010 CV_{32} 8 8.7 72°.81 1°.7/ 7.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 40.08	−16 42.3	1.743	2.578	15.7	20.7
7 10	21 36.69	−17 29.6	1.673	2.586	12.3	20.5
7 20	21 30.89	−18 27.4	1.624	2.595	8.4	20.3
7 30	21 23.25	−19 30.7	1.599	2.603	4.2	20.1
8 9	21 14.63	−20 32.8	1.600	2.612	1.8	19.9
8 19	21 6.07	−21 27.7	1.628	2.620	5.5	20.2
8 29	20 58.64	−22 10.5	1.681	2.629	9.5	20.5
9 8	20 53.20	−22 39.0	1.758	2.638	13.1	20.7

157262 2004 RA_{185} 8 8.7 169°.12 5°.5/ 3.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 49.96	−37 29.8	3.146	3.945	10.2	20.6
7 10	21 43.34	−38 0.0	3.072	3.949	8.5	20.5
7 20	21 34.85	−38 24.6	3.022	3.952	6.8	20.4
7 30	21 25.03	−38 38.8	2.999	3.955	5.7	20.3
8 9	21 14.58	−38 39.1	3.004	3.958	5.7	20.3
8 19	21 4.31	−38 23.7	3.037	3.960	6.9	20.4
8 29	20 55.01	−37 52.5	3.098	3.962	8.6	20.5
9 8	20 47.33	−37 7.5	3.183	3.963	10.3	20.7

96722 1999 LO_4 8 8.7 19°.02 4°.9/ 5.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 32.77	−19 21.1	0.893	1.789	21.9	17.8
7 10	21 32.77	−20 44.4	0.850	1.797	17.1	17.5
7 20	21 29.13	−22 22.6	0.823	1.808	11.7	17.3
7 30	21 22.61	−24 4.1	0.815	1.821	6.6	17.1
8 9	21 14.65	−25 34.8	0.828	1.835	5.4	17.0
8 19	21 6.98	−26 43.2	0.862	1.852	9.6	17.3
8 29	21 1.28	−27 22.8	0.915	1.869	14.5	17.7
9 8	20 58.67	−27 33.6	0.986	1.888	18.9	18.0

350092 2011 MC_1 8 8.7 333°.06 1°.4/ 7.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 38.15	−15 48.7	1.748	2.584	15.6	20.6
7 10	21 35.29	−16 35.5	1.667	2.581	12.3	20.4
7 20	21 30.04	−17 34.5	1.607	2.578	8.5	20.2
7 30	21 22.89	−18 40.9	1.570	2.575	4.2	19.9
8 9	21 14.66	−19 48.2	1.560	2.572	1.6	19.7
8 19	21 6.36	−20 49.8	1.576	2.570	5.4	20.0
8 29	20 59.09	−21 40.3	1.617	2.568	9.6	20.2
9 8	20 53.75	−22 16.5	1.682	2.566	13.4	20.5

258459 2001 YW_{106} 8 8.7 219°.32 0°.6/ 8.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 38.58	−14 59.0	2.721	3.528	11.5	21.4
7 10	21 34.69	−15 35.1	2.623	3.519	9.1	21.2
7 20	21 29.13	−16 19.2	2.547	3.510	6.2	21.0
7 30	21 22.28	−17 8.5	2.499	3.501	3.1	20.8
8 9	21 14.69	−17 59.3	2.478	3.492	0.6	20.6
8 19	21 6.99	−18 47.8	2.487	3.481	3.7	20.8
8 29	20 59.91	−19 30.6	2.525	3.471	6.8	21.0
9 8	20 54.07	−20 5.1	2.588	3.460	9.7	21.2

82235 2001 JE_3 8 8.7 28°.30 1°.2/ 9.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 40.62	−12 14.3	1.290	2.134	19.7	19.2
7 10	21 37.83	−12 10.8	1.225	2.140	15.7	19.0
7 20	21 32.06	−12 22.3	1.178	2.147	11.1	18.7
7 30	21 23.95	−12 46.2	1.152	2.154	5.9	18.4
8 9	21 14.63	−13 17.5	1.149	2.162	1.2	18.1
8 19	21 5.42	−13 50.5	1.170	2.170	5.5	18.5
8 29	20 57.72	−14 19.8	1.214	2.179	10.5	18.8
9 8	20 52.54	−14 41.1	1.281	2.189	15.0	19.1

53713 2000 DF_{110} 8 8.7 119°.70 0°.5/ 8.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 44.53	−12 28.3	1.410	2.241	19.0	20.3
7 10	21 40.71	−12 43.2	1.341	2.249	15.1	20.0
7 20	21 33.97	−13 13.1	1.290	2.256	10.6	19.8
7 30	21 24.90	−13 54.5	1.261	2.264	5.5	19.5
8 9	21 14.61	−14 41.5	1.257	2.271	0.5	19.2
8 19	21 4.39	−15 27.7	1.278	2.278	5.4	19.6
8 29	20 55.62	−16 7.3	1.325	2.284	10.4	19.9
9 8	20 49.34	−16 36.5	1.393	2.290	14.7	20.1

522937 2016 PH_{112} 8 8.7 296°.28 1°.8/10.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 37.71	− 8 25.6	1.889	2.698	15.7	21.6
7 10	21 34.70	− 8 44.0	1.800	2.693	12.7	21.4
7 20	21 29.52	− 9 17.6	1.732	2.688	9.1	21.2
7 30	21 22.60	−10 4.7	1.687	2.684	5.2	20.9
8 9	21 14.69	−11 1.3	1.667	2.679	1.8	20.7
8 19	21 6.69	−12 2.3	1.675	2.674	4.3	20.8
8 29	20 59.57	−13 2.0	1.709	2.670	8.4	21.1
9 8	20 54.17	−13 55.5	1.767	2.665	12.1	21.3

82993 2001 QO_{154} 8 8.7 298°.21 2°.4/10.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 36.99	− 7 29.9	1.950	2.755	15.4	18.7
7 10	21 34.21	− 7 37.0	1.844	2.733	12.6	18.5
7 20	21 29.28	− 7 59.2	1.758	2.711	9.3	18.2
7 30	21 22.55	− 8 35.7	1.696	2.690	5.5	17.9
8 9	21 14.70	− 9 23.6	1.659	2.668	2.5	17.7
8 19	21 6.59	−10 18.7	1.648	2.647	4.5	17.8
8 29	20 59.24	−11 15.5	1.664	2.626	8.5	18.0
9 8	20 53.52	−12 8.8	1.705	2.605	12.3	18.2

13859 Fredtreasure 8 8.7 103°.63 2°.2/10.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 44.65	− 9 30.5	2.195	2.984	14.4	17.1
7 10	21 39.51	− 9 10.9	2.123	3.002	11.6	16.9
7 20	21 32.42	− 9 1.4	2.072	3.021	8.3	16.8
7 30	21 23.89	− 9 0.7	2.046	3.039	4.9	16.6
8 9	21 14.67	− 9 7.0	2.047	3.056	2.2	16.4
8 19	21 5.59	− 9 17.8	2.077	3.073	4.0	16.6
8 29	20 57.50	− 9 30.3	2.135	3.090	7.3	16.8
9 8	20 51.05	− 9 41.8	2.219	3.107	10.4	17.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
394490 2007 TF_{112}			8 8.7 286°.12	5°.5/12.3 18		
	h m	° ′			°	m
6 30	21 38.87	− 1 10.6	1.977	2.750	16.3	21.1
7 10	21 35.68	− 0 41.0	1.868	2.727	13.8	20.8
7 20	21 30.30	− 0 27.5	1.777	2.704	10.9	20.6
7 30	21 23.08	− 0 31.5	1.709	2.681	7.9	20.4
8 9	21 14.69	− 0 53.0	1.665	2.657	5.7	20.2
8 19	21 5.99	− 1 29.9	1.647	2.634	6.2	20.2
8 29	20 58.00	− 2 18.0	1.656	2.610	9.1	20.3
9 8	20 51.65	− 3 11.8	1.688	2.587	12.5	20.4
344734 2003 UQ_{141}			8 8.7 303°.95	3°.9/11.8 18		
6 30	21 35.53	− 2 40.1	1.735	2.531	17.3	20.4
7 10	21 33.30	− 2 53.8	1.635	2.515	14.5	20.2
7 20	21 28.78	− 3 28.9	1.555	2.498	11.0	19.9
7 30	21 22.34	− 4 25.6	1.496	2.482	7.2	19.7
8 9	21 14.71	− 5 41.0	1.461	2.466	4.2	19.5
8 19	21 6.83	− 7 9.5	1.453	2.450	5.3	19.5
8 29	20 59.79	− 8 43.3	1.470	2.434	9.1	19.7
9 8	20 54.55	−10 14.4	1.511	2.419	13.1	19.9
26491 2000 BT_{3}			8 8.7 62°.84	2°.0/ 7.0 18		
6 30	21 38.87	−17 25.5	1.874	2.709	14.8	18.3
7 10	21 35.64	−18 21.7	1.800	2.713	11.6	18.1
7 20	21 30.16	−19 28.0	1.746	2.717	7.9	17.8
7 30	21 22.91	−20 39.1	1.717	2.721	4.0	17.6
8 9	21 14.70	−21 48.5	1.715	2.725	2.2	17.5
8 19	21 6.49	−22 49.9	1.740	2.729	5.5	17.7
8 29	20 59.28	−23 38.7	1.790	2.734	9.3	18.0
9 8	20 53.91	−24 12.2	1.865	2.738	12.7	18.2
35736 1999 GQ_{19}			8 8.7 14°.36	7°.4/ 5.1 18		
6 30	21 39.40	−26 52.4	0.990	1.878	21.0	16.9
7 10	21 38.02	−27 54.9	0.941	1.881	16.7	16.6
7 20	21 32.79	−29 0.9	0.909	1.886	12.1	16.4
7 30	21 24.50	−29 58.9	0.895	1.893	8.3	16.2
8 9	21 14.66	−30 37.5	0.903	1.901	7.8	16.2
8 19	21 5.14	−30 49.2	0.931	1.910	11.1	16.4
8 29	20 57.75	−30 32.1	0.979	1.920	15.4	16.7
9 8	20 53.67	−29 50.0	1.045	1.931	19.4	17.0
388592 2007 RZ_{143}			8 8.7 330°.36	3°.5/ 7.0 18		
6 30	21 45.99	−24 37.8	1.635	2.477	16.3	20.1
7 10	21 41.74	−24 40.9	1.554	2.469	13.0	19.9
7 20	21 34.62	−24 45.5	1.492	2.462	9.1	19.6
7 30	21 25.24	−24 46.2	1.454	2.455	5.2	19.4
8 9	21 14.64	−24 38.1	1.441	2.448	3.6	19.3
8 19	21 4.10	−24 17.6	1.454	2.442	6.7	19.5
8 29	20 54.94	−23 43.7	1.493	2.436	10.8	19.7
9 8	20 48.19	−22 57.7	1.554	2.431	14.6	19.9
470392 2007 TV_{389}			8 8.7 295°.92	8°.9/13.2 17		
6 30	21 40.79	+ 4 15.1	1.923	2.665	17.6	20.4
7 10	21 37.42	+ 5 28.5	1.806	2.634	15.6	20.1
7 20	21 31.69	+ 6 26.7	1.707	2.602	13.1	19.9
7 30	21 23.89	+ 7 5.4	1.629	2.570	10.7	19.7
8 9	21 14.68	+ 7 21.6	1.574	2.538	9.1	19.5
8 19	21 4.98	+ 7 14.3	1.544	2.505	9.2	19.5
8 29	20 55.89	+ 6 45.6	1.538	2.473	11.3	19.5
9 8	20 48.48	+ 6 0.7	1.555	2.440	14.2	19.6
144256 2004 CL_{87}			8 8.7 176°.19	0°.5/ 8.3 17		
6 30	21 44.67	−15 33.4	1.852	2.671	15.6	21.0
7 10	21 40.21	−15 51.4	1.771	2.673	12.3	20.8
7 20	21 33.32	−16 18.8	1.709	2.675	8.5	20.6
7 30	21 24.52	−16 52.2	1.673	2.676	4.3	20.3
8 9	21 14.68	−17 26.8	1.663	2.676	0.6	20.1
8 19	21 4.83	−17 58.0	1.680	2.676	4.8	20.4
8 29	20 56.08	−18 21.8	1.724	2.676	9.0	20.6
9 8	20 49.32	−18 36.2	1.792	2.675	12.8	20.9
117416 2005 AC_{15}			8 8.7 272°.15	2°.8/ 6.8 18		
6 30	21 41.73	−20 56.7	1.878	2.714	14.7	20.1
7 10	21 38.07	−21 31.7	1.790	2.704	11.7	19.8
7 20	21 31.96	−22 13.4	1.723	2.693	8.1	19.6
7 30	21 23.89	−22 56.6	1.681	2.683	4.4	19.4
8 9	21 14.69	−23 35.7	1.664	2.673	2.9	19.2
8 19	21 5.39	−24 5.4	1.675	2.662	6.0	19.4
8 29	20 57.11	−24 22.1	1.711	2.652	9.9	19.6
9 8	20 50.79	−24 24.7	1.770	2.641	13.5	19.8
22231 2239 $T\text{-}_{3}$			8 8.7 155°.96	0°.3/ 8.5 18		
6 30	21 43.00	−15 26.3	2.135	2.948	14.0	19.5
7 10	21 38.50	−15 38.7	2.053	2.952	11.1	19.3
7 20	21 31.92	−15 59.1	1.993	2.957	7.6	19.1
7 30	21 23.74	−16 24.4	1.959	2.961	3.8	18.9
8 9	21 14.71	−16 51.0	1.951	2.965	0.4	18.6
8 19	21 5.72	−17 15.1	1.972	2.968	4.2	18.9
8 29	20 57.68	−17 33.7	2.020	2.971	7.9	19.2
9 8	20 51.33	−17 44.9	2.093	2.974	11.3	19.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
224152 2005 QR_{62}			8 8.7 305°.42	0°.0/ 8.6 18		
	h m	° ′			°	m
6 30	21 38.28	−13 27.6	1.455	2.297	17.9	20.9
7 10	21 36.09	−13 48.1	1.361	2.277	14.4	20.6
7 20	21 31.08	−14 24.1	1.287	2.257	10.1	20.3
7 30	21 23.66	−15 12.4	1.233	2.238	5.2	19.9
8 9	21 14.71	−16 7.4	1.204	2.218	0.2	19.5
8 19	21 5.44	−17 2.2	1.200	2.199	5.7	19.9
8 29	20 57.26	−17 49.9	1.220	2.181	10.9	20.1
9 8	20 51.37	−18 25.7	1.261	2.163	15.6	20.3
257122 2008 GC_{89}			8 8.7 50°.09	0°.4/ 8.4 18		
6 30	21 38.37	−14 54.5	2.181	3.000	13.5	21.2
7 10	21 34.87	−15 19.4	2.099	3.002	10.7	21.0
7 20	21 29.43	−15 53.1	2.039	3.005	7.3	20.8
7 30	21 22.50	−16 32.7	2.004	3.008	3.6	20.5
8 9	21 14.77	−17 14.0	1.997	3.010	0.5	20.3
8 19	21 7.04	−17 52.8	2.016	3.013	4.1	20.6
8 29	21 0.16	−18 25.6	2.063	3.016	7.7	20.8
9 8	20 54.83	−18 49.8	2.135	3.018	10.9	21.0
474227 2001 DS_{89}			8 8.7 216°.77	2°.6/10.1 18		
6 30	21 48.44	−10 8.3	2.268	3.048	14.2	21.0
7 10	21 42.70	− 9 27.6	2.167	3.041	11.6	20.8
7 20	21 34.82	− 8 54.2	2.088	3.033	8.5	20.6
7 30	21 25.24	− 8 27.9	2.034	3.025	5.1	20.4
8 9	21 14.70	− 8 8.0	2.009	3.017	2.6	20.2
8 19	21 4.07	− 7 53.2	2.013	3.008	4.4	20.3
8 29	20 54.31	− 7 41.9	2.047	2.998	7.8	20.5
9 8	20 46.23	− 7 32.2	2.106	2.988	11.1	20.7
476109 2007 TZ_{157}			8 8.7 356°.36	21°.0/30.0 16		
6 30	21 58.44	−58 56.3	1.172	1.982	23.2	19.8
7 10	21 55.52	−60 19.8	1.135	1.974	22.1	19.7
7 20	21 45.98	−61 13.7	1.110	1.967	21.3	19.6
7 30	21 31.25	−61 21.6	1.100	1.962	21.0	19.6
8 9	21 14.51	−60 32.0	1.105	1.960	21.3	19.6
8 19	20 59.44	−58 43.5	1.125	1.960	22.2	19.7
8 29	20 48.82	−56 3.9	1.160	1.961	23.5	19.8
9 8	20 43.67	−52 47.7	1.210	1.965	25.0	19.9
14211 1999 NT_{1}			8 8.7 331°.00	18°.7/ 6.2 18		
6 30	21 44.06	+ 1 48.9	1.043	1.851	25.6	16.5
7 10	21 42.16	+ 5 49.7	0.950	1.817	23.4	16.2
7 20	21 36.43	+ 9 55.0	0.874	1.783	21.0	15.9
7 30	21 26.98	+13 50.7	0.818	1.751	19.2	15.7
8 9	21 14.63	+17 19.3	0.780	1.721	18.8	15.5
8 19	21 0.96	+20 3.2	0.762	1.692	20.2	15.5
8 29	20 48.20	+21 52.6	0.762	1.666	23.0	15.5
9 8	20 38.51	+22 49.4	0.775	1.643	26.2	15.6
328161 2008 CL_{158}			8 8.7 143°.59	2°.2/10.2 17		
6 30	21 44.29	− 8 22.5	1.888	2.684	16.2	21.7
7 10	21 39.73	− 8 24.6	1.810	2.694	13.1	21.5
7 20	21 32.89	− 8 40.5	1.752	2.704	9.4	21.3
7 30	21 24.28	− 9 8.6	1.718	2.713	5.4	21.1
8 9	21 14.75	− 9 45.6	1.711	2.721	2.3	20.9
8 19	21 5.26	−10 27.0	1.731	2.729	4.5	21.1
8 29	20 56.83	−11 8.4	1.778	2.736	8.3	21.3
9 8	20 50.28	−11 45.6	1.850	2.742	11.9	21.5
322126 2010 VM_{177}			8 8.7 357°.74	1°.9/ 7.3 18		
6 30	21 38.45	−19 5.1	2.037	2.870	13.8	20.5
7 10	21 35.15	−19 34.9	1.957	2.869	10.9	20.3
7 20	21 29.75	−20 11.5	1.898	2.868	7.4	20.1
7 30	21 22.72	−20 50.7	1.864	2.867	3.8	19.9
8 9	21 14.81	−21 27.8	1.856	2.867	2.0	19.8
8 19	21 6.90	−21 58.4	1.876	2.867	5.1	20.0
8 29	20 59.92	−22 19.2	1.922	2.868	8.7	20.2
9 8	20 54.64	−22 28.6	1.991	2.868	11.9	20.4
347373 2012 RZ_{8}			8 8.7 304°.91	9°.5/ 1.5 18		
6 30	21 43.65	−35 34.4	1.639	2.488	15.9	19.6
7 10	21 40.59	−37 2.4	1.561	2.470	13.4	19.4
7 20	21 34.32	−38 28.6	1.504	2.451	11.0	19.2
7 30	21 25.33	−39 42.3	1.468	2.433	9.6	19.1
8 9	21 14.72	−40 33.4	1.456	2.415	10.1	19.1
8 19	21 3.93	−40 54.8	1.468	2.397	12.2	19.2
8 29	20 54.56	−40 44.4	1.501	2.380	15.1	19.3
9 8	20 47.90	−40 5.0	1.553	2.363	18.0	19.5
318671 2005 OF_{21}			8 8.7 28°.56	1°.8/ 7.7 17		
6 30	21 39.42	−16 45.5	1.230	2.090	19.5	20.2
7 10	21 37.08	−17 18.9	1.171	2.098	15.3	20.0
7 20	21 31.66	−18 5.3	1.131	2.107	10.5	19.8
7 30	21 23.83	−18 58.8	1.112	2.117	5.2	19.5
8 9	21 14.78	−19 51.3	1.116	2.128	1.9	19.3
8 19	21 5.89	−20 35.5	1.143	2.140	6.5	19.6
8 29	20 58.61	−21 5.8	1.194	2.152	11.5	20.0
9 8	20 53.95	−21 20.0	1.266	2.165	15.8	20.2

238533 2004 TM_{321} 8 8.7 216°.05 0°.8/ 8.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 42.55	−16 25.0	2.083	2.900	14.1	22.0
7 10	21 38.36	−16 45.4	1.993	2.895	11.2	21.8
7 20	21 31.98	−17 14.1	1.924	2.889	7.7	21.6
7 30	21 23.87	−17 47.6	1.880	2.883	3.9	21.3
8 9	21 14.78	−18 21.7	1.864	2.877	0.9	21.1
8 19	21 5.62	−18 52.0	1.875	2.870	4.6	21.4
8 29	20 57.37	−19 15.2	1.914	2.863	8.4	21.6
9 8	20 50.84	−19 29.1	1.977	2.855	11.9	21.8

377579 2005 NB_{29} 8 8.7 326°.01 1°.6/ 9.5 18

6 30	21 34.87	−11 6.1	1.234	2.088	19.8	20.5
7 10	21 33.82	−11 6.0	1.146	2.067	16.1	20.2
7 20	21 29.77	−11 23.7	1.075	2.046	11.6	19.9
7 30	21 23.11	−11 58.0	1.024	2.026	6.4	19.6
8 9	21 14.80	−12 44.4	0.994	2.008	1.6	19.2
8 19	21 6.14	−13 36.3	0.988	1.990	5.9	19.4
8 29	20 58.70	−14 25.9	1.004	1.973	11.5	19.7
9 8	20 53.79	−15 6.6	1.040	1.958	16.7	19.9

440528 2005 UN_{99} 8 8.7 268°.46 4°.4/ 4.7 18

6 30	21 39.69	−26 8.7	2.260	3.095	12.6	21.2
7 10	21 36.09	−27 9.9	2.179	3.090	10.0	21.0
7 20	21 30.40	−28 14.1	2.120	3.085	7.2	20.8
7 30	21 23.06	−29 15.4	2.087	3.080	4.9	20.7
8 9	21 14.81	−30 8.1	2.082	3.074	4.7	20.6
8 19	21 6.50	−30 47.3	2.103	3.069	6.8	20.8
8 29	20 59.06	−31 10.3	2.150	3.064	9.6	20.9
9 8	20 53.27	−31 16.4	2.220	3.058	12.3	21.1

159152 2004 XP_{130} 8 8.7 292°.17 5°.4/13.6 18

6 30	21 35.93	+ 2 2.3	2.394	3.141	14.4	20.9
7 10	21 32.84	+ 2 21.1	2.294	3.132	12.3	20.7
7 20	21 28.01	+ 2 23.7	2.214	3.123	9.9	20.5
7 30	21 21.83	+ 2 9.3	2.156	3.114	7.4	20.4
8 9	21 14.85	+ 1 38.4	2.123	3.105	5.6	20.2
8 19	21 7.76	+ 0 53.4	2.117	3.097	5.7	20.2
8 29	21 1.30	− 0 2.0	2.138	3.088	7.7	20.3
9 8	20 56.14	− 1 2.8	2.184	3.079	10.2	20.5

390083 2012 UW_{140} 8 8.7 269°.00 2°.0/10.2 18

6 30	21 39.11	− 8 22.0	1.920	2.726	15.6	21.6
7 10	21 35.88	− 8 30.5	1.824	2.713	12.7	21.4
7 20	21 30.42	− 8 53.6	1.747	2.701	9.2	21.2
7 30	21 23.16	− 9 30.0	1.693	2.689	5.3	20.9
8 9	21 14.82	−10 16.3	1.665	2.676	2.1	20.7
8 19	21 6.30	−11 8.1	1.664	2.663	4.4	20.8
8 29	20 58.62	−12 0.2	1.690	2.650	8.5	21.0
9 8	20 52.65	−12 47.7	1.740	2.638	12.3	21.2

26654 2000 RH_{103} 8 8.7 140°.57 6°.2/13.4 18

6 30	21 41.99	+ 1 52.6	2.069	2.816	16.4	18.5
7 10	21 37.75	+ 2 27.9	1.987	2.824	14.0	18.3
7 20	21 31.45	+ 2 45.8	1.924	2.832	11.2	18.2
7 30	21 23.56	+ 2 44.8	1.883	2.840	8.4	18.0
8 9	21 14.81	+ 2 25.5	1.867	2.847	6.4	17.9
8 19	21 6.05	+ 1 50.1	1.877	2.854	6.6	17.9
8 29	20 58.18	+ 1 3.0	1.914	2.860	8.7	18.1
9 8	20 51.96	+ 0 9.6	1.976	2.866	11.4	18.3

7655 Adamries 8 8.7 206°.78 1°.3/ 7.8 18

6 30	21 42.81	−16 13.3	1.914	2.736	15.0	18.5
7 10	21 38.81	−16 52.4	1.827	2.732	11.9	18.3
7 20	21 32.44	−17 41.9	1.760	2.727	8.2	18.1
7 30	21 24.16	−18 37.6	1.719	2.722	4.1	17.8
8 9	21 14.79	−19 33.7	1.704	2.716	1.4	17.6
8 19	21 5.32	−20 24.6	1.717	2.710	5.1	17.9
8 29	20 56.83	−21 5.6	1.756	2.704	9.2	18.1
9 8	20 50.22	−21 33.9	1.820	2.696	12.9	18.3

73987 1998 EA_2 8 8.7 14°.07 4°.8/ 6.5 18

6 30	21 41.71	−23 39.1	1.125	1.998	20.0	18.4
7 10	21 39.38	−24 11.2	1.067	2.001	15.9	18.1
7 20	21 33.52	−24 49.0	1.027	2.004	11.1	17.9
7 30	21 24.86	−25 24.4	1.007	2.009	6.5	17.6
8 9	21 14.78	−25 48.6	1.009	2.015	5.0	17.6
8 19	21 4.93	−25 55.3	1.034	2.022	8.6	17.8
8 29	20 56.97	−25 42.1	1.080	2.030	13.3	18.1
9 8	20 52.05	−25 10.5	1.146	2.039	17.6	18.4

8015 1990 QT_2 8 8.7 266°.04 0°.6/ 8.3 18

6 30	21 43.02	−15 2.5	1.530	2.364	17.6	18.1
7 10	21 39.73	−15 23.0	1.438	2.349	14.1	17.8
7 20	21 33.55	−15 56.4	1.364	2.333	9.8	17.6
7 30	21 24.92	−16 39.3	1.313	2.317	5.0	17.2
8 9	21 14.78	−17 25.6	1.287	2.300	0.7	16.9
8 19	21 4.34	−18 9.1	1.286	2.284	5.7	17.2
8 29	20 55.05	−18 43.9	1.311	2.267	10.8	17.4
9 8	20 48.08	−19 6.5	1.357	2.250	15.4	17.7

235654 2004 RO_{157} 8 8.7 241°.83 6°.3/13.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 39.20	+ 3 33.7	2.127	2.868	16.2	21.1
7 10	21 35.73	+ 3 50.1	2.023	2.855	14.0	20.9
7 20	21 30.22	+ 3 47.2	1.937	2.841	11.3	20.7
7 30	21 23.04	+ 3 23.3	1.873	2.828	8.6	20.5
8 9	21 14.84	+ 2 38.9	1.833	2.813	6.6	20.4
8 19	21 6.43	+ 1 36.6	1.820	2.798	6.6	20.3
8 29	20 58.71	+ 0 21.3	1.834	2.783	8.8	20.4
9 8	20 52.52	− 1 0.3	1.873	2.768	11.7	20.6

340478 2006 HC_{57} 8 8.7 98°.76 1°.9/10.2 17

6 30	21 42.08	− 8 16.0	2.039	2.833	15.2	21.3
7 10	21 37.72	− 8 26.3	1.970	2.854	12.2	21.2
7 20	21 31.34	− 8 49.8	1.923	2.874	8.7	21.0
7 30	21 23.46	− 9 24.4	1.899	2.894	5.0	20.8
8 9	21 14.84	−10 6.6	1.903	2.913	2.0	20.7
8 19	21 6.36	−10 52.1	1.934	2.933	4.0	20.8
8 29	20 58.87	−11 36.6	1.993	2.951	7.6	21.1
9 8	20 53.08	−12 16.4	2.078	2.970	10.8	21.3

514635 2004 TR_{243} 8 8.7 317°.35 3°.3/ 6.2 18

6 30	21 38.86	−22 58.4	2.057	2.895	13.5	21.2
7 10	21 35.63	−23 37.2	1.968	2.883	10.7	20.9
7 20	21 30.21	−24 20.7	1.902	2.871	7.5	20.7
7 30	21 23.03	−25 4.0	1.860	2.859	4.4	20.5
8 9	21 14.86	−25 41.7	1.844	2.848	3.5	20.4
8 19	21 6.60	−26 9.1	1.855	2.837	6.1	20.6
8 29	20 59.25	−26 23.2	1.892	2.826	9.5	20.8
9 8	20 53.64	−26 22.9	1.952	2.816	12.7	21.0

91777 1999 TM_{206} 8 8.7 2°.40 6°.1/ 3.9 18

6 30	21 41.19	−31 1.5	2.032	2.873	13.6	17.8
7 10	21 37.55	−32 0.1	1.963	2.873	10.9	17.6
7 20	21 31.53	−32 57.6	1.915	2.873	8.3	17.5
7 30	21 23.67	−33 47.2	1.892	2.873	6.4	17.4
8 9	21 14.84	−34 22.7	1.894	2.874	6.4	17.4
8 19	21 6.08	−34 39.7	1.922	2.875	8.4	17.5
8 29	20 58.44	−34 36.6	1.975	2.876	11.0	17.7
9 8	20 52.76	−34 14.7	2.049	2.877	13.6	17.8

317940 2003 WB_{51} 8 8.7 118°.10 3°.6/ 6.3 17

6 30	21 46.89	−22 8.1	1.694	2.528	16.1	21.2
7 10	21 42.16	−22 59.4	1.631	2.543	12.7	21.0
7 20	21 34.75	−23 56.4	1.589	2.558	8.8	20.8
7 30	21 25.29	−24 52.4	1.572	2.572	5.0	20.7
8 9	21 14.82	−25 40.1	1.581	2.585	3.8	20.6
8 19	21 4.52	−26 14.2	1.616	2.598	6.8	20.8
8 29	20 55.61	−26 31.5	1.677	2.611	10.5	21.1
9 8	20 49.00	−26 32.1	1.761	2.623	13.9	21.3

448407 2009 SS_{10} 8 8.7 273°.99 2°.8/11.8 18

6 30	21 35.74	− 1 50.9	2.587	3.350	13.1	21.2
7 10	21 32.63	− 2 32.5	2.474	3.333	10.9	21.0
7 20	21 27.88	− 3 31.2	2.383	3.316	8.2	20.8
7 30	21 21.80	− 4 46.2	2.317	3.299	5.3	20.6
8 9	21 14.92	− 6 14.4	2.278	3.282	3.0	20.4
8 19	21 7.85	− 7 51.2	2.269	3.265	3.8	20.4
8 29	21 1.32	− 9 30.8	2.289	3.248	6.7	20.6
9 8	20 55.97	−11 7.6	2.337	3.231	9.7	20.7

9664 Brueghel 8 8.7 95°.60 0°.4/ 8.4 18

6 30	21 38.69	−14 54.3	2.431	3.243	12.5	18.5
7 10	21 34.86	−15 20.7	2.355	3.254	9.8	18.4
7 20	21 29.29	−15 54.9	2.302	3.266	6.7	18.2
7 30	21 22.43	−16 33.9	2.274	3.277	3.3	18.0
8 9	21 14.90	−17 14.2	2.274	3.287	0.4	17.8
8 19	21 7.43	−17 51.9	2.302	3.298	3.7	18.1
8 29	21 0.74	−18 24.0	2.359	3.309	7.0	18.3
9 8	20 55.45	−18 48.2	2.440	3.320	9.9	18.5

412506 2014 KJ_{86} 8 8.7 4°.06 1°.2/ 7.6 18

6 30	21 32.81	−12 26.5	1.660	2.501	16.1	19.5
7 10	21 31.22	−13 48.3	1.584	2.500	12.7	19.2
7 20	21 27.34	−15 27.9	1.529	2.501	8.7	19.0
7 30	21 21.65	−17 19.6	1.498	2.503	4.2	18.7
8 9	21 14.92	−19 14.8	1.493	2.506	1.4	18.6
8 19	21 8.13	−21 4.2	1.515	2.509	5.5	18.8
8 29	21 2.32	−22 39.8	1.562	2.514	9.8	19.1
9 8	20 58.36	−23 56.4	1.633	2.520	13.5	19.4

204643 2006 BZ_{18} 8 8.7 253°.81 0°.9/ 8.3 17

6 30	21 45.15	−16 23.9	1.412	2.252	18.5	20.6
7 10	21 41.56	−16 34.5	1.330	2.244	14.8	20.3
7 20	21 34.86	−16 56.4	1.265	2.236	10.3	20.0
7 30	21 25.60	−17 25.4	1.223	2.227	5.2	19.7
8 9	21 14.82	−17 55.8	1.206	2.219	1.0	19.4
8 19	21 3.90	−18 21.5	1.213	2.210	6.0	19.7
8 29	20 54.35	−18 37.9	1.245	2.202	11.2	20.0
9 8	20 47.39	−18 42.7	1.298	2.193	15.8	20.2

433445 2013 TQ_{133} 8 8.7 240°.07 1°.4/ 7.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 43.00	−16 49.7	1.832	2.659	15.4	22.0
7 10	21 39.16	−17 21.5	1.740	2.648	12.3	21.8
7 20	21 32.83	−18 3.6	1.669	2.637	8.5	21.5
7 30	21 24.45	−18 51.6	1.621	2.625	4.3	21.2
8 9	21 14.85	−19 40.0	1.600	2.613	1.5	21.0
8 19	21 5.08	−20 23.1	1.606	2.600	5.4	21.2
8 29	20 56.31	−20 56.2	1.639	2.587	9.7	21.5
9 8	20 49.50	−21 16.9	1.695	2.574	13.5	21.7

476128 2007 TL_{227} 8 8.7 306°.72 2°.1/10.2 18

6 30	21 38.81	− 9 7.4	1.831	2.643	16.0	21.7
7 10	21 35.72	− 9 5.2	1.740	2.634	13.0	21.5
7 20	21 30.35	− 9 16.6	1.669	2.626	9.4	21.2
7 30	21 23.15	− 9 40.4	1.621	2.617	5.4	21.0
8 9	21 14.90	−10 13.7	1.598	2.609	2.2	20.8
8 19	21 6.52	−10 52.2	1.602	2.601	4.5	20.9
8 29	20 59.06	−11 31.4	1.632	2.593	8.6	21.1
9 8	20 53.40	−12 6.8	1.685	2.586	12.4	21.3

445462 2010 VU_{48} 8 8.7 292°.51 0°.6/ 8.2 17

6 30	21 37.74	−15 22.7	2.241	3.062	13.2	21.4
7 10	21 34.53	−15 49.4	2.141	3.045	10.4	21.1
7 20	21 29.36	−16 25.2	2.062	3.028	7.2	20.9
7 30	21 22.61	−17 7.2	2.007	3.011	3.6	20.7
8 9	21 14.92	−17 51.4	1.980	2.994	0.7	20.4
8 19	21 7.07	−18 33.3	1.981	2.977	4.3	20.6
8 29	20 59.94	−19 9.1	2.009	2.960	8.0	20.8
9 8	20 54.29	−19 35.9	2.061	2.943	11.3	21.0

509167 2006 EB_{56} 8 8.7 193°.86 1°.8/10.2 18

6 30	21 41.44	− 8 29.1	2.286	3.074	13.9	22.9
7 10	21 37.24	− 8 39.4	2.192	3.072	11.3	22.7
7 20	21 31.09	− 9 1.8	2.120	3.070	8.1	22.5
7 30	21 23.43	− 9 34.7	2.072	3.067	4.7	22.3
8 9	21 14.91	−10 15.4	2.052	3.063	1.9	22.1
8 19	21 6.31	−10 59.9	2.061	3.059	3.9	22.3
8 29	20 58.48	−11 44.3	2.097	3.054	7.3	22.5
9 8	20 52.14	−12 24.9	2.159	3.048	10.6	22.7

379232 2009 SJ_{269} 8 8.7 277°.47 0°.8/ 8.2 18

6 30	21 42.02	−15 46.4	1.681	2.512	16.4	22.1
7 10	21 38.72	−16 7.2	1.583	2.493	13.1	21.8
7 20	21 32.75	−16 39.4	1.505	2.473	9.1	21.6
7 30	21 24.52	−17 19.4	1.450	2.454	4.6	21.3
8 9	21 14.89	−18 1.9	1.421	2.434	0.9	20.9
8 19	21 4.97	−18 41.1	1.417	2.414	5.5	21.2
8 29	20 56.04	−19 11.9	1.440	2.394	10.2	21.4
9 8	20 49.22	−19 31.2	1.485	2.374	14.5	21.7

60758 2000 GP_{108} 8 8.7 343°.21 1°.7/ 9.8 18

6 30	21 29.01	− 8 36.4	0.949	1.824	22.7	17.2
7 10	21 29.77	− 8 58.7	0.878	1.810	18.5	16.9
7 20	21 27.28	− 9 49.4	0.822	1.798	13.3	16.5
7 30	21 21.98	−11 6.6	0.783	1.787	7.4	16.2
8 9	21 14.95	−12 42.9	0.765	1.778	1.8	15.8
8 19	21 7.69	−14 26.3	0.767	1.770	6.4	16.1
8 29	21 1.93	−16 3.4	0.789	1.765	12.7	16.4
9 8	20 59.07	−17 23.4	0.830	1.761	18.3	16.7

518408 2018 CO_{6} 8 8.7 125°.50 0°.6/ 9.2 18

6 30	21 46.25	−14 38.2	2.752	3.540	11.8	21.3
7 10	21 40.42	−14 16.8	2.670	3.553	9.4	21.1
7 20	21 32.92	−14 0.3	2.610	3.565	6.5	20.9
7 30	21 24.21	−13 47.2	2.578	3.577	3.4	20.8
8 9	21 14.91	−13 35.9	2.575	3.588	0.6	20.5
8 19	21 5.72	−13 24.9	2.602	3.599	3.3	20.8
8 29	20 57.34	−13 12.9	2.660	3.610	6.3	21.0
9 8	20 50.37	−12 59.0	2.744	3.620	9.0	21.2

147188 2002 VF_{81} 8 8.7 211°.66 0°.4/ 9.0 18

6 30	21 42.45	−12 11.2	1.950	2.760	15.2	21.0
7 10	21 38.47	−12 33.8	1.858	2.755	12.2	20.8
7 20	21 32.20	−13 8.8	1.788	2.749	8.5	20.5
7 30	21 24.09	−13 53.3	1.741	2.742	4.4	20.3
8 9	21 14.91	−14 43.0	1.722	2.735	0.4	20.0
8 19	21 5.61	−15 32.7	1.730	2.728	4.4	20.3
8 29	20 57.22	−16 17.6	1.765	2.720	8.6	20.5
9 8	20 50.63	−16 54.1	1.824	2.711	12.3	20.7

193484 2000 XY_{52} 8 8.7 320°.55 8°.3/ 3.7 18

6 30	21 42.34	−31 38.1	1.422	2.283	17.3	19.0
7 10	21 39.86	−32 40.5	1.340	2.262	14.2	18.7
7 20	21 34.01	−33 43.1	1.278	2.241	11.0	18.5
7 30	21 25.31	−34 36.3	1.237	2.221	8.7	18.3
8 9	21 14.88	−35 9.6	1.219	2.201	8.8	18.2
8 19	21 4.26	−35 16.0	1.224	2.183	11.3	18.3
8 29	20 55.16	−34 52.7	1.250	2.165	14.9	18.5
9 8	20 48.91	−34 2.6	1.295	2.148	18.5	18.7

101275 1998 SF_{115} 8 8.7 315°.56 5°.9/ 5.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 43.18	−28 27.1	1.654	2.503	15.8	18.9
7 10	21 39.80	−29 10.1	1.571	2.489	12.7	18.7
7 20	21 33.53	−29 54.3	1.508	2.474	9.4	18.5
7 30	21 24.89	−30 32.4	1.469	2.460	6.6	18.3
8 9	21 14.89	−30 56.9	1.454	2.447	6.2	18.2
8 19	21 4.82	−31 2.4	1.463	2.434	8.7	18.4
8 29	20 56.05	−30 46.5	1.497	2.421	12.3	18.5
9 8	20 49.67	−30 10.7	1.552	2.409	15.7	18.7

43204 2000 AA_{71} 8 8.7 196°.75 1°.9/ 6.8 18 R

6 30	21 38.13	−19 6.6	2.607	3.428	11.5	19.1
7 10	21 34.47	−19 54.6	2.521	3.426	9.0	18.9
7 20	21 29.10	−20 48.7	2.457	3.424	6.2	18.7
7 30	21 22.40	−21 45.2	2.421	3.423	3.2	18.5
8 9	21 14.97	−22 39.7	2.412	3.421	2.0	18.4
8 19	21 7.49	−23 27.9	2.432	3.418	4.5	18.6
8 29	21 0.69	−24 6.7	2.479	3.416	7.4	18.8
9 8	20 55.21	−24 34.2	2.552	3.413	10.2	19.0

69187 1178 $T\text{-}_{1}$ 8 8.7 275°.69 1°.7/ 7.6 18

6 30	21 42.89	−18 51.9	1.921	2.749	14.8	19.1
7 10	21 39.04	−19 10.6	1.821	2.730	11.7	18.9
7 20	21 32.75	−19 36.6	1.742	2.711	8.1	18.6
7 30	21 24.44	−20 5.9	1.688	2.691	4.2	18.4
8 9	21 14.91	−20 33.7	1.660	2.671	1.8	18.2
8 19	21 5.17	−20 55.5	1.658	2.651	5.4	18.4
8 29	20 56.35	−21 7.6	1.684	2.631	9.5	18.6
9 8	20 49.43	−21 8.5	1.732	2.611	13.3	18.8

274546 2008 SF_{250} 8 8.7 276°.80 2°.3/11.1 18

6 30	21 35.19	− 5 29.9	2.735	3.514	12.1	21.4
7 10	21 32.07	− 5 45.1	2.629	3.500	9.9	21.3
7 20	21 27.42	− 6 12.5	2.545	3.487	7.3	21.1
7 30	21 21.56	− 6 51.3	2.486	3.473	4.6	20.9
8 9	21 15.00	− 7 39.2	2.453	3.460	2.4	20.7
8 19	21 8.32	− 8 33.0	2.450	3.446	3.5	20.8
8 29	21 2.17	− 9 29.0	2.474	3.433	6.3	20.9
9 8	20 57.15	−10 23.4	2.525	3.419	9.1	21.1

14705 2000 CG_{2} 8 8.7 349°.95 8°.1/ 4.7 18

6 30	21 45.21	−33 30.7	1.467	2.322	17.2	16.4
7 10	21 41.75	−34 9.7	1.399	2.315	14.1	16.2
7 20	21 34.98	−34 44.2	1.350	2.309	10.9	16.0
7 30	21 25.61	−35 5.2	1.322	2.304	8.5	15.8
8 9	21 14.89	−35 4.9	1.318	2.300	8.3	15.8
8 19	21 4.36	−34 38.9	1.337	2.297	10.6	15.9
8 29	20 55.55	−33 47.6	1.379	2.295	13.8	16.1
9 8	20 49.57	−32 35.2	1.441	2.293	17.0	16.3

6767 Shirvindt 8 8.7 194°.92 4°.4/ 5.3 18

6 30	21 45.01	−26 52.5	2.223	3.050	13.0	18.0
7 10	21 40.29	−27 38.7	2.142	3.048	10.4	17.8
7 20	21 33.32	−28 26.5	2.084	3.046	7.5	17.7
7 30	21 24.60	−29 10.0	2.051	3.043	5.0	17.5
8 9	21 14.93	−29 43.9	2.046	3.040	4.6	17.5
8 19	21 5.26	−30 3.9	2.068	3.036	6.7	17.6
8 29	20 56.59	−30 8.0	2.116	3.032	9.6	17.8
9 8	20 49.74	−29 56.4	2.188	3.028	12.4	17.9

85716 1998 SG_{56} 8 8.7 344°.65 3°.2/ 6.4 18

6 30	21 43.05	−24 59.5	2.314	3.141	12.6	18.1
7 10	21 38.53	−25 19.1	2.233	3.140	10.0	17.9
7 20	21 31.97	−25 40.0	2.175	3.140	7.0	17.7
7 30	21 23.86	−25 58.0	2.142	3.140	4.2	17.5
8 9	21 14.95	−26 9.0	2.137	3.139	3.3	17.5
8 19	21 6.11	−26 10.1	2.159	3.139	5.5	17.6
8 29	20 58.21	−25 59.6	2.208	3.139	8.5	17.8
9 8	20 51.98	−25 37.9	2.282	3.139	11.4	18.0

505718 2015 AC_{178} 8 8.7 22°.92 0°.7/ 8.4 17

6 30	21 45.07	−17 50.3	1.314	2.162	19.2	20.3
7 10	21 41.44	−17 37.4	1.247	2.166	15.2	20.1
7 20	21 34.66	−17 32.5	1.198	2.170	10.5	19.8
7 30	21 25.42	−17 32.0	1.171	2.175	5.3	19.6
8 9	21 14.91	−17 31.3	1.167	2.181	0.8	19.3
8 19	21 4.57	−17 26.5	1.188	2.187	5.9	19.6
8 29	20 55.86	−17 14.9	1.233	2.193	10.9	19.9
9 8	20 49.84	−16 55.5	1.300	2.200	15.3	20.2

494416 2016 UB_{73} 8 8.7 3°.26 6°.7/ 5.0 18

6 30	21 38.94	−28 14.7	1.296	2.167	18.0	20.1
7 10	21 36.94	−29 4.6	1.236	2.166	14.4	19.9
7 20	21 31.74	−29 55.7	1.194	2.166	10.6	19.6
7 30	21 24.00	−30 38.9	1.173	2.167	7.4	19.5
8 9	21 14.95	−31 5.7	1.175	2.170	7.1	19.5
8 19	21 6.06	−31 10.3	1.200	2.174	9.8	19.6
8 29	20 58.83	−30 50.9	1.247	2.180	13.5	19.9
9 8	20 54.33	−30 10.0	1.313	2.186	17.1	20.1

80523 2000 AN_{62} 8 8.7 171°.21 1°.4/ 7.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 44.04	−16 43.5	1.952	2.771	14.9	20.8
7 10	21 39.67	−17 21.3	1.871	2.775	11.7	20.6
7 20	21 32.97	−18 8.5	1.811	2.778	8.0	20.4
7 30	21 24.46	−19 0.7	1.777	2.780	4.0	20.1
8 9	21 14.94	−19 52.3	1.769	2.782	1.5	20.0
8 19	21 5.40	−20 38.0	1.790	2.783	5.0	20.2
8 29	20 56.89	−21 13.6	1.837	2.783	9.0	20.4
9 8	20 50.25	−21 37.1	1.909	2.783	12.5	20.7

352185 2007 RW_{189} 8 8.7 332°.29 2°.2/ 7.3 18

6 30	21 39.44	−18 59.6	1.612	2.458	16.3	21.2
7 10	21 36.64	−19 28.1	1.531	2.450	12.9	20.9
7 20	21 31.23	−20 5.5	1.469	2.442	8.9	20.7
7 30	21 23.70	−20 46.9	1.431	2.435	4.6	20.4
8 9	21 14.96	−21 26.2	1.417	2.428	2.3	20.2
8 19	21 6.14	−21 57.7	1.429	2.421	6.0	20.5
8 29	20 58.48	−22 17.1	1.465	2.416	10.4	20.7
9 8	20 52.97	−22 22.5	1.523	2.410	14.3	20.9

177158 2003 SN_{39} 8 8.7 274°.95 3°.2/10.8 18

6 30	21 40.09	− 6 24.7	1.542	2.354	18.5	20.7
7 10	21 37.33	− 6 24.5	1.447	2.339	15.2	20.5
7 20	21 31.87	− 6 43.2	1.370	2.323	11.3	20.2
7 30	21 24.13	− 7 20.6	1.314	2.307	6.9	19.9
8 9	21 14.95	− 8 13.7	1.282	2.291	3.4	19.7
8 19	21 5.45	− 9 17.0	1.275	2.274	5.5	19.8
8 29	20 56.95	−10 23.5	1.294	2.258	10.1	20.0
9 8	20 50.59	−11 26.0	1.335	2.242	14.6	20.2

512420 2016 PC_{89} 8 8.7 344°.72 0°.1/ 8.7 18

6 30	21 40.95	−15 1.8	1.715	2.545	16.1	21.1
7 10	21 37.54	−15 6.9	1.634	2.543	12.9	20.8
7 20	21 31.67	−15 21.9	1.573	2.540	8.9	20.6
7 30	21 23.86	−15 43.8	1.535	2.538	4.5	20.3
8 9	21 14.97	−16 8.5	1.523	2.536	0.2	20.0
8 19	21 6.06	−16 31.5	1.536	2.535	4.8	20.4
8 29	20 58.25	−16 49.0	1.576	2.534	9.2	20.6
9 8	20 52.45	−16 58.5	1.639	2.533	13.1	20.9

385748 2005 XU_{78} 8 8.7 170°.07 4°.1/ 9.8 15

6 30	21 59.38	−11 56.0	1.268	2.078	21.8	20.6
7 10	21 52.98	−10 33.7	1.190	2.082	17.9	20.3
7 20	21 42.86	− 9 18.9	1.130	2.084	13.1	20.0
7 30	21 29.67	− 8 12.9	1.093	2.087	7.8	19.7
8 9	21 14.81	− 7 16.6	1.080	2.088	4.2	19.5
8 19	21 0.04	− 6 30.5	1.094	2.089	7.0	19.7
8 29	20 47.18	− 5 54.0	1.133	2.089	12.2	20.0
9 8	20 37.56	− 5 24.8	1.194	2.088	16.9	20.3

333301 2000 ST_{284} 8 8.7 353°.77 8°.4/13.5 17

6 30	21 32.90	+ 0 8.5	1.203	2.024	22.2	19.8
7 10	21 32.07	+ 1 9.2	1.130	2.016	19.0	19.6
7 20	21 28.41	+ 1 45.9	1.072	2.010	15.3	19.3
7 30	21 22.39	+ 1 54.4	1.032	2.005	11.5	19.1
8 9	21 15.00	+ 1 34.0	1.011	2.002	8.7	18.9
8 19	21 7.48	+ 0 47.7	1.012	2.000	8.9	18.9
8 29	21 1.23	− 0 17.3	1.035	2.000	11.9	19.1
9 8	20 57.38	− 1 30.9	1.077	2.001	15.7	19.3

71555 2000 DY_{15} 8 8.7 239°.98 0°.9/ 7.9 18

6 30	21 38.57	−17 2.5	2.836	3.646	11.0	19.8
7 10	21 34.69	−17 28.6	2.736	3.634	8.6	19.6
7 20	21 29.20	−18 0.7	2.658	3.622	5.9	19.4
7 30	21 22.47	−18 36.3	2.607	3.610	3.0	19.2
8 9	21 15.01	−19 12.0	2.585	3.597	0.9	19.0
8 19	21 7.46	−19 44.6	2.591	3.584	3.7	19.2
8 29	21 0.50	−20 11.4	2.626	3.571	6.7	19.4
9 8	20 54.73	−20 30.5	2.687	3.557	9.4	19.5

146932 2002 CW_{307} 8 8.7 271°.76 0°.3/ 8.5 18

6 30	21 39.76	−15 13.0	2.239	3.055	13.3	21.0
7 10	21 36.06	−15 26.5	2.144	3.044	10.6	20.8
7 20	21 30.39	−15 48.1	2.070	3.034	7.3	20.6
7 30	21 23.14	−16 15.2	2.021	3.023	3.7	20.4
8 9	21 15.00	−16 44.4	1.999	3.013	0.3	20.1
8 19	21 6.76	−17 11.8	2.005	3.002	4.1	20.4
8 29	20 59.29	−17 34.2	2.039	2.992	7.8	20.6
9 8	20 53.36	−17 49.4	2.097	2.981	11.1	20.8

511867 2015 GY_{22} 8 8.7 77°.91 3°.0/11.4 17

6 30	21 38.31	− 3 18.6	1.783	2.575	17.1	21.5
7 10	21 35.21	− 3 53.0	1.710	2.587	14.0	21.3
7 20	21 29.91	− 4 48.2	1.655	2.600	10.3	21.1
7 30	21 22.91	− 6 2.0	1.624	2.612	6.4	20.9
8 9	21 15.01	− 7 29.6	1.618	2.625	3.2	20.8
8 19	21 7.13	− 9 4.2	1.639	2.637	4.6	20.9
8 29	21 0.26	−10 38.0	1.688	2.650	8.3	21.1
9 8	20 55.19	−12 4.5	1.761	2.662	11.9	21.4

487627 2015 NW_4 8 8.7 351°.62 1°.6/ 7.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 32.41	−13 14.5	1.482	2.333	17.2	19.4
7 10	21 31.28	−14 34.6	1.403	2.326	13.6	19.2
7 20	21 27.64	−16 14.3	1.344	2.319	9.3	18.9
7 30	21 21.94	−18 7.5	1.309	2.314	4.6	18.6
8 9	21 15.03	−20 4.8	1.298	2.310	1.9	18.4
8 19	21 7.97	−21 55.6	1.313	2.307	6.2	18.7
8 29	21 1.99	−23 30.9	1.352	2.305	10.8	18.9
9 8	20 58.08	−24 44.8	1.414	2.305	15.0	19.2

295110 2008 FQ_3 8 8.7 123°.60 1°.8/ 7.3 18

6 30	21 41.14	−19 49.0	2.299	3.122	12.8	21.2
7 10	21 36.98	−20 16.7	2.222	3.128	10.0	21.1
7 20	21 30.89	−20 49.6	2.167	3.134	6.9	20.9
7 30	21 23.33	−21 23.9	2.137	3.139	3.6	20.7
8 9	21 15.01	−21 55.2	2.135	3.145	2.0	20.6
8 19	21 6.73	−22 20.1	2.161	3.150	4.7	20.8
8 29	20 59.33	−22 35.8	2.214	3.156	7.9	21.0
9 8	20 53.51	−22 41.2	2.292	3.161	10.9	21.2

233359 2006 DA_{96} 8 8.7 150°.71 2°.4/ 7.0 18

6 30	21 44.39	−20 59.7	2.076	2.900	13.9	21.4
7 10	21 39.78	−21 30.0	2.000	2.906	11.0	21.2
7 20	21 32.94	−22 5.3	1.945	2.912	7.5	21.0
7 30	21 24.41	−22 41.0	1.916	2.917	4.0	20.8
8 9	21 14.99	−23 12.2	1.913	2.922	2.5	20.7
8 19	21 5.62	−23 34.7	1.939	2.926	5.4	20.9
8 29	20 57.30	−23 46.0	1.992	2.930	8.8	21.1
9 8	20 50.80	−23 45.2	2.068	2.934	12.0	21.3

38454 Boroson 8 8.8 322°.71 7°.0/ 3.0 18 R

6 30	21 36.30	−25 30.9	1.455	2.322	16.6	16.8
7 10	21 34.85	−27 17.7	1.374	2.303	13.3	16.6
7 20	21 30.46	−29 14.8	1.313	2.285	9.8	16.3
7 30	21 23.54	−31 12.1	1.276	2.268	7.3	16.1
8 9	21 15.00	−32 57.4	1.263	2.251	7.6	16.1
8 19	21 6.15	−34 20.0	1.273	2.236	10.7	16.2
8 29	20 58.49	−35 13.3	1.306	2.220	14.5	16.4
9 8	20 53.32	−35 36.0	1.358	2.206	18.1	16.6

217194 2002 TR_{71} 8 8.8 248°.78 1°.3/ 8.1 18

6 30	21 45.33	−18 2.0	1.654	2.485	16.6	20.3
7 10	21 41.23	−18 10.5	1.569	2.479	13.2	20.0
7 20	21 34.38	−18 26.9	1.503	2.472	9.2	19.8
7 30	21 25.31	−18 47.2	1.461	2.465	4.6	19.5
8 9	21 14.97	−19 6.5	1.445	2.457	1.3	19.2
8 19	21 4.56	−19 20.2	1.454	2.450	5.5	19.5
8 29	20 55.36	−19 24.9	1.490	2.442	10.1	19.8
9 8	20 48.41	−19 19.2	1.549	2.435	14.2	20.0

2160 Spitzer 8 8.8 337°.12 0°.1/ 8.7 18

6 30	21 37.57	−13 36.0	1.825	2.654	15.4	16.3
7 10	21 34.78	−13 59.7	1.741	2.648	12.2	16.1
7 20	21 29.73	−14 35.2	1.676	2.643	8.5	15.8
7 30	21 22.89	−15 19.6	1.635	2.638	4.3	15.6
8 9	21 15.03	−16 8.0	1.620	2.634	0.1	15.2
8 19	21 7.10	−16 55.2	1.631	2.630	4.6	15.6
8 29	21 0.11	−17 36.3	1.668	2.626	8.8	15.8
9 8	20 54.93	−18 7.9	1.729	2.622	12.6	16.0

374720 2006 SL_{26} 8 8.8 353°.22 1°.8/ 9.5 17

6 30	21 40.45	−13 32.8	1.139	1.996	20.9	20.4
7 10	21 38.31	−12 57.6	1.068	1.990	16.9	20.1
7 20	21 32.86	−12 34.6	1.014	1.986	12.0	19.8
7 30	21 24.68	−12 22.7	0.980	1.983	6.6	19.5
8 9	21 14.98	−12 18.7	0.967	1.980	1.8	19.2
8 19	21 5.28	−12 18.9	0.978	1.979	6.0	19.5
8 29	20 57.18	−12 19.1	1.010	1.979	11.5	19.8
9 8	20 51.90	−12 15.8	1.063	1.981	16.5	20.1

259940 2004 EJ_{53} 8 8.8 76°.15 3°.7/ 6.1 16

6 30	21 43.38	−24 20.4	1.993	2.827	14.1	20.6
7 10	21 39.01	−25 2.3	1.932	2.843	11.0	20.4
7 20	21 32.39	−25 46.7	1.893	2.860	7.7	20.2
7 30	21 24.10	−26 28.3	1.879	2.877	4.7	20.1
8 9	21 15.01	−27 1.4	1.892	2.893	3.9	20.1
8 19	21 6.11	−27 22.0	1.932	2.910	6.3	20.2
8 29	20 58.37	−27 28.2	1.998	2.926	9.4	20.5
9 8	20 52.54	−27 20.2	2.087	2.943	12.3	20.7

124932 2001 TA_{74} 8 8.8 195°.36 3°.0/10.7 17

6 30	21 44.09	− 6 49.6	1.678	2.478	17.7	20.0
7 10	21 40.10	− 6 46.5	1.592	2.476	14.5	19.8
7 20	21 33.53	− 7 0.0	1.524	2.474	10.7	19.6
7 30	21 24.87	− 7 29.3	1.479	2.471	6.5	19.3
8 9	21 14.99	− 8 11.3	1.460	2.468	3.1	19.1
8 19	21 5.00	− 9 1.1	1.466	2.464	5.1	19.2
8 29	20 56.08	− 9 53.0	1.499	2.460	9.3	19.5
9 8	20 49.24	−10 41.5	1.556	2.454	13.4	19.7

515300 2012 UA_{84} 8 8.8 285°.22 8°.5/ 2.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 47.06	−35 28.3	1.889	2.724	14.7	21.6
7 10	21 42.99	−36 41.9	1.798	2.698	12.3	21.4
7 20	21 35.90	−37 53.8	1.727	2.671	10.0	21.2
7 30	21 26.23	−38 54.8	1.680	2.645	8.6	21.0
8 9	21 14.97	−39 36.0	1.658	2.618	9.0	21.0
8 19	21 3.42	−39 51.0	1.660	2.590	11.0	21.1
8 29	20 53.08	−39 37.5	1.685	2.563	13.8	21.2
9 8	20 45.19	−38 57.7	1.731	2.535	16.6	21.3

29514 Karatsu 8 8.8 128°.13 3°.0/11.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 43.03	− 6 29.8	2.480	3.251	13.4	18.7
7 10	21 38.17	− 6 4.6	2.397	3.263	10.9	18.6
7 20	21 31.56	− 5 49.8	2.336	3.274	8.1	18.4
7 30	21 23.64	− 5 44.9	2.300	3.285	5.2	18.2
8 9	21 15.05	− 5 48.8	2.292	3.295	3.1	18.1
8 19	21 6.50	− 5 59.4	2.313	3.305	4.1	18.2
8 29	20 58.75	− 6 14.1	2.361	3.315	6.8	18.4
9 8	20 52.42	− 6 30.3	2.437	3.324	9.6	18.6

114111 2002 VL_{47} 8 8.8 267°.60 3°.3/10.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 40.63	− 6 16.3	1.711	2.514	17.3	20.5
7 10	21 37.47	− 6 10.8	1.613	2.499	14.3	20.2
7 20	21 31.82	− 6 22.1	1.534	2.483	10.6	20.0
7 30	21 24.07	− 6 49.9	1.477	2.468	6.6	19.7
8 9	21 15.03	− 7 31.9	1.444	2.452	3.4	19.5
8 19	21 5.72	− 8 23.5	1.438	2.436	5.2	19.6
8 29	20 57.32	− 9 19.0	1.457	2.419	9.4	19.8
9 8	20 50.86	−10 12.4	1.500	2.403	13.5	20.0

251791 1999 SA_{12} 8 8.8 315°.67 0°.0/ 8.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 36.71	−13 33.8	1.931	2.758	14.7	20.3
7 10	21 34.09	−13 55.0	1.832	2.739	11.8	20.0
7 20	21 29.30	−14 27.8	1.754	2.720	8.2	19.8
7 30	21 22.72	−15 9.6	1.699	2.702	4.2	19.5
8 9	21 15.07	−15 56.1	1.671	2.684	0.1	19.1
8 19	21 7.21	−16 42.4	1.668	2.667	4.5	19.4
8 29	21 0.17	−17 23.6	1.692	2.650	8.7	19.7
9 8	20 54.81	−17 56.0	1.740	2.633	12.5	19.8

392875 2012 UO_{118} 8 8.8 218°.83 4°.1/ 5.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 42.32	−24 21.6	1.942	2.779	14.3	21.7
7 10	21 38.49	−25 12.1	1.864	2.778	11.3	21.5
7 20	21 32.27	−26 6.7	1.809	2.776	8.0	21.3
7 30	21 24.16	−26 59.4	1.778	2.775	5.0	21.1
8 9	21 15.03	−27 43.8	1.774	2.774	4.3	21.0
8 19	21 5.89	−28 14.8	1.796	2.772	6.8	21.2
8 29	20 57.83	−28 29.5	1.843	2.770	10.2	21.4
9 8	20 51.71	−28 27.6	1.914	2.769	13.3	21.6

308946 2006 TZ_{11} 8 8.8 311°.24 2°.8/10.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 38.33	− 7 15.4	1.966	2.766	15.4	21.3
7 10	21 35.19	− 7 6.6	1.873	2.758	12.6	21.1
7 20	21 29.93	− 7 11.5	1.801	2.750	9.3	20.9
7 30	21 22.98	− 7 29.3	1.751	2.743	5.7	20.7
8 9	21 15.06	− 7 57.9	1.727	2.735	2.9	20.5
8 19	21 7.03	− 8 33.7	1.730	2.728	4.5	20.6
8 29	20 59.84	− 9 12.4	1.760	2.721	8.1	20.8
9 8	20 54.30	− 9 49.6	1.813	2.714	11.7	21.0

445505 2010 VH_{212} 8 8.8 307°.06 4°.8/12.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 37.23	− 1 2.1	2.255	3.020	14.7	20.8
7 10	21 34.01	− 0 37.4	2.158	3.012	12.4	20.6
7 20	21 28.95	− 0 27.4	2.081	3.005	9.7	20.4
7 30	21 22.44	− 0 32.9	2.027	2.997	7.0	20.2
8 9	21 15.08	− 0 53.2	1.998	2.989	5.0	20.1
8 19	21 7.61	− 1 26.0	1.996	2.982	5.4	20.1
8 29	21 0.84	− 2 7.8	2.021	2.975	7.8	20.2
9 8	20 55.47	− 2 53.8	2.070	2.967	10.6	20.4

475237 2005 WL_{10} 8 8.8 128°.27 4°.1/12.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 38.49	− 1 0.7	2.621	3.372	13.2	21.8
7 10	21 34.58	− 0 47.0	2.535	3.381	11.0	21.7
7 20	21 29.08	− 0 46.8	2.471	3.390	8.6	21.5
7 30	21 22.40	− 1 0.0	2.430	3.399	6.1	21.4
8 9	21 15.08	− 1 25.3	2.416	3.407	4.3	21.3
8 19	21 7.77	− 2 0.4	2.430	3.415	4.6	21.3
8 29	21 1.12	− 2 42.0	2.471	3.423	6.7	21.4
9 8	20 55.71	− 3 26.2	2.539	3.430	9.1	21.6

516660 2008 RW_{147} 8 8.8 235°.60 2°.3/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 42.43	−19 46.1	2.140	2.964	13.6	22.7
7 10	21 38.39	−20 25.8	2.047	2.953	10.7	22.5
7 20	21 32.14	−21 12.6	1.975	2.942	7.4	22.3
7 30	21 24.12	−22 2.0	1.928	2.930	3.9	22.0
8 9	21 15.06	−22 48.7	1.909	2.918	2.4	21.9
8 19	21 5.86	−23 27.8	1.917	2.905	5.4	22.1
8 29	20 57.51	−23 55.6	1.953	2.892	9.0	22.3
9 8	20 50.86	−24 10.3	2.013	2.878	12.3	22.5

40983 1999 TB_{286} 8 8.8 213°.11 7°.8/14.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 39.75	+ 5 31.0	2.002	2.736	17.3	19.4
7 10	21 36.25	+ 6 15.3	1.912	2.734	15.1	19.2
7 20	21 30.64	+ 6 40.1	1.840	2.732	12.5	19.0
7 30	21 23.35	+ 6 42.8	1.789	2.729	9.9	18.9
8 9	21 15.08	+ 6 22.7	1.761	2.727	8.1	18.8
8 19	21 6.69	+ 5 41.5	1.759	2.724	8.0	18.8
8 29	20 59.12	+ 4 43.8	1.781	2.721	9.6	18.9
9 8	20 53.19	+ 3 35.8	1.828	2.718	12.2	19.0

54698 2001 FF_{70} 8 8.8 9°.39 9°.0/ 4.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 32.12	−29 0.6	0.805	1.715	22.2	18.0
7 10	21 32.96	−30 0.9	0.766	1.718	17.9	17.7
7 20	21 29.68	−31 0.3	0.742	1.724	13.3	17.5
7 30	21 23.15	−31 46.3	0.736	1.733	9.7	17.4
8 9	21 15.08	−32 7.2	0.747	1.744	9.4	17.4
8 19	21 7.43	−31 56.7	0.778	1.758	12.4	17.6
8 29	21 2.07	−31 15.2	0.826	1.774	16.5	17.9
9 8	21 0.11	−30 7.9	0.891	1.792	20.5	18.2

342436 2008 UT_{93} 8 8.8 273°.98 4°.2/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 38.13	− 2 23.7	1.926	2.708	16.4	20.7
7 10	21 35.20	− 2 26.3	1.822	2.691	13.7	20.4
7 20	21 30.08	− 2 47.5	1.738	2.674	10.5	20.2
7 30	21 23.15	− 3 27.8	1.675	2.657	7.0	20.0
8 9	21 15.08	− 4 25.1	1.638	2.640	4.4	19.8
8 19	21 6.77	− 5 35.0	1.628	2.622	5.2	19.8
8 29	20 59.20	− 6 51.6	1.644	2.605	8.6	19.9
9 8	20 53.29	− 8 8.2	1.684	2.587	12.3	20.1

111760 2002 CT_{127} 8 8.8 282°.49 1°.2/ 9.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 38.93	−11 4.1	2.199	3.005	13.8	20.4
7 10	21 35.40	−11 8.7	2.108	3.000	11.1	20.2
7 20	21 29.93	−11 23.8	2.037	2.995	7.9	20.0
7 30	21 22.94	−11 47.6	1.991	2.990	4.3	19.8
8 9	21 15.10	−12 17.2	1.972	2.985	1.2	19.5
8 19	21 7.19	−12 49.2	1.981	2.980	3.8	19.7
8 29	21 0.06	−13 19.8	2.016	2.974	7.5	19.9
9 8	20 54.44	−13 46.0	2.077	2.969	10.8	20.1

347090 2010 GG_{119} 8 8.8 206°.25 0°.6/ 9.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 39.90	−11 22.5	1.975	2.787	15.0	21.6
7 10	21 36.41	−11 47.9	1.888	2.785	12.0	21.4
7 20	21 30.76	−12 26.1	1.822	2.783	8.4	21.2
7 30	21 23.40	−13 14.5	1.780	2.781	4.4	21.0
8 9	21 15.09	−14 8.5	1.765	2.779	0.6	20.7
8 19	21 6.69	−15 3.2	1.778	2.776	4.2	20.9
8 29	20 59.19	−15 53.5	1.817	2.774	8.2	21.2
9 8	20 53.39	−16 35.7	1.880	2.771	11.9	21.4

235704 2004 TN_{48} 8 8.8 238°.71 4°.8/12.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 39.03	− 1 5.8	1.930	2.704	16.6	20.5
7 10	21 35.78	− 0 57.3	1.837	2.698	13.9	20.3
7 20	21 30.38	− 1 7.2	1.763	2.693	10.8	20.1
7 30	21 23.24	− 1 36.1	1.711	2.687	7.5	19.9
8 9	21 15.09	− 2 22.3	1.685	2.681	5.1	19.7
8 19	21 6.80	− 3 22.0	1.684	2.675	5.6	19.7
8 29	20 59.35	− 4 29.6	1.710	2.669	8.6	19.9
9 8	20 53.57	− 5 38.9	1.761	2.662	11.9	20.1

254330 2004 SS_{30} 8 8.8 245°.18 6°.0/15.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 36.00	+ 6 43.9	2.674	3.384	13.9	20.9
7 10	21 32.78	+ 6 50.6	2.569	3.375	12.1	20.7
7 20	21 27.97	+ 6 39.8	2.482	3.365	10.0	20.6
7 30	21 21.91	+ 6 10.1	2.418	3.355	7.9	20.4
8 9	21 15.13	+ 5 22.2	2.379	3.344	6.3	20.3
8 19	21 8.22	+ 4 18.3	2.367	3.334	6.1	20.3
8 29	21 1.87	+ 3 2.3	2.382	3.323	7.5	20.3
9 8	20 56.67	+ 1 39.7	2.423	3.312	9.6	20.5

181525 2006 UP_{117} 8 8.8 95°.43 4°.8/12.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 44.30	− 0 53.4	1.780	2.549	18.0	20.4
7 10	21 39.74	− 0 50.6	1.718	2.576	14.9	20.3
7 20	21 32.90	− 1 7.7	1.674	2.603	11.4	20.1
7 30	21 24.39	− 1 44.3	1.653	2.629	7.7	19.9
8 9	21 15.07	− 2 37.3	1.657	2.654	5.0	19.8
8 19	21 5.95	− 3 41.6	1.688	2.679	5.6	19.9
8 29	20 57.99	− 4 50.9	1.746	2.703	8.5	20.2
9 8	20 51.97	− 5 58.9	1.829	2.726	11.8	20.4

254616 2005 HU 8 8.8 35°.62 4°.6/ 6.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 45.00	−23 59.7	1.280	2.140	18.9	19.9
7 10	21 41.61	−24 33.7	1.221	2.146	15.0	19.6
7 20	21 34.90	−25 12.4	1.180	2.154	10.5	19.4
7 30	21 25.62	−25 48.1	1.161	2.162	6.2	19.2
8 9	21 15.05	−26 12.7	1.165	2.170	4.8	19.1
8 19	21 4.72	−26 20.5	1.193	2.179	8.2	19.3
8 29	20 56.17	−26 9.5	1.245	2.189	12.5	19.6
9 8	20 50.46	−25 41.0	1.316	2.198	16.5	19.9

381820 2009 VT_{67} 8 8.8 183°.54 0°.9/ 8.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 43.08	−16 13.4	1.828	2.652	15.5	22.0
7 10	21 39.11	−16 35.3	1.746	2.653	12.3	21.8
7 20	21 32.72	−17 6.5	1.686	2.653	8.5	21.5
7 30	21 24.43	−17 43.4	1.649	2.652	4.2	21.3
8 9	21 15.09	−18 20.9	1.639	2.652	1.0	21.0
8 19	21 5.72	−18 54.2	1.655	2.651	5.0	21.3
8 29	20 57.43	−19 19.3	1.699	2.650	9.1	21.6
9 8	20 51.10	−19 33.9	1.765	2.649	12.8	21.8

439430 2013 FD_{21} 8 8.8 59°.72 0°.3/ 8.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 38.94	−15 2.4	2.242	3.059	13.3	21.2
7 10	21 35.31	−15 21.7	2.162	3.063	10.5	21.0
7 20	21 29.80	−15 49.1	2.103	3.068	7.2	20.8
7 30	21 22.84	−16 21.9	2.069	3.072	3.6	20.6
8 9	21 15.13	−16 56.3	2.063	3.077	0.4	20.3
8 19	21 7.42	−17 28.5	2.084	3.081	4.0	20.6
8 29	21 0.55	−17 55.3	2.133	3.086	7.5	20.8
9 8	20 55.19	−18 14.4	2.206	3.090	10.6	21.0

365530 2010 RJ_{145} 8 8.8 258°.24 3°.6/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 37.09	− 2 51.6	2.405	3.176	13.8	21.5
7 10	21 33.81	− 2 52.0	2.305	3.166	11.5	21.3
7 20	21 28.78	− 3 6.7	2.224	3.157	8.7	21.1
7 30	21 22.36	− 3 35.7	2.168	3.147	5.9	20.9
8 9	21 15.14	− 4 17.2	2.138	3.138	3.7	20.8
8 19	21 7.80	− 5 8.0	2.135	3.128	4.4	20.8
8 29	21 1.09	− 6 4.0	2.160	3.118	7.1	21.0
9 8	20 55.70	− 7 0.6	2.211	3.108	10.0	21.1

294187 2007 TQ_{403} 8 8.8 283°.70 1°.5/ 9.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 39.99	−10 40.8	1.937	2.748	15.3	21.0
7 10	21 36.59	−10 40.6	1.842	2.737	12.3	20.8
7 20	21 30.98	−10 52.2	1.768	2.726	8.8	20.5
7 30	21 23.57	−11 14.3	1.717	2.716	4.9	20.3
8 9	21 15.11	−11 43.6	1.693	2.705	1.6	20.0
8 19	21 6.52	−12 16.4	1.695	2.694	4.3	20.2
8 29	20 58.79	−12 48.4	1.724	2.683	8.4	20.4
9 8	20 52.79	−13 16.0	1.776	2.673	12.1	20.6

169730 2002 NW_{46} 8 8.8 340°.46 3°.0/10.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 36.70	− 7 10.8	1.595	2.415	17.7	19.8
7 10	21 34.41	− 7 5.0	1.511	2.407	14.5	19.5
7 20	21 29.69	− 7 16.2	1.444	2.400	10.7	19.3
7 30	21 22.98	− 7 43.8	1.399	2.393	6.5	19.0
8 9	21 15.13	− 8 24.5	1.379	2.388	3.2	18.8
8 19	21 7.15	− 9 13.8	1.383	2.382	5.1	18.9
8 29	21 0.20	−10 5.6	1.412	2.378	9.3	19.1
9 8	20 55.22	−10 54.0	1.464	2.374	13.3	19.4

35623 1998 KF_{7} 8 8.8 88°.36 6°.8/ 3.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 44.50	−30 7.5	1.753	2.597	15.3	17.6
7 10	21 40.56	−31 24.9	1.692	2.604	12.3	17.5
7 20	21 33.87	−32 42.4	1.653	2.612	9.3	17.3
7 30	21 25.03	−33 51.3	1.638	2.620	7.1	17.2
8 9	21 15.09	−34 43.4	1.648	2.627	7.2	17.2
8 19	21 5.25	−35 13.4	1.683	2.635	9.3	17.4
8 29	20 56.78	−35 19.3	1.742	2.643	12.2	17.5
9 8	20 50.64	−35 3.1	1.822	2.650	15.0	17.8

259609 2003 UN_{291} 8 8.8 5°.93 6°.3/11.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 38.46	− 4 39.8	1.144	1.978	22.3	19.8
7 10	21 36.60	− 3 42.9	1.077	1.977	18.6	19.6
7 20	21 31.61	− 3 6.4	1.025	1.978	14.3	19.3
7 30	21 24.07	− 2 53.1	0.993	1.980	9.8	19.1
8 9	21 15.11	− 3 2.2	0.981	1.982	6.5	18.9
8 19	21 6.13	− 3 30.3	0.991	1.986	7.6	19.0
8 29	20 58.65	− 4 10.6	1.023	1.991	11.6	19.3
9 8	20 53.83	− 4 55.3	1.076	1.997	16.0	19.5

509133 2006 AK_{15} 8 8.8 252°.12 0°.7/ 8.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 40.98	−14 14.4	1.990	2.809	14.7	23.0
7 10	21 37.46	−14 56.7	1.890	2.792	11.7	22.7
7 20	21 31.66	−15 51.6	1.810	2.776	8.1	22.5
7 30	21 23.97	−16 55.6	1.756	2.759	4.1	22.2
8 9	21 15.12	−18 3.0	1.728	2.741	0.8	21.9
8 19	21 6.01	−19 7.9	1.728	2.723	4.8	22.2
8 29	20 57.70	−20 4.8	1.755	2.705	9.0	22.4
9 8	20 51.12	−20 49.7	1.806	2.686	12.8	22.6

395236 2010 MF_{100} 8 8.8 40°.24 3°.1/ 6.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 39.88	−21 38.7	1.885	2.725	14.5	20.7
7 10	21 36.48	−22 22.6	1.819	2.734	11.4	20.5
7 20	21 30.80	−23 12.0	1.774	2.744	7.8	20.3
7 30	21 23.41	−24 1.4	1.753	2.754	4.4	20.1
8 9	21 15.14	−24 45.0	1.758	2.765	3.2	20.1
8 19	21 6.96	−25 17.9	1.790	2.775	6.0	20.3
8 29	20 59.87	−25 37.2	1.848	2.786	9.5	20.5
9 8	20 54.66	−25 42.0	1.929	2.797	12.6	20.7

289593 2005 GU_{2} 8 8.8 116°.37 1°.9/ 7.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 45.94	−18 2.6	1.633	2.464	16.8	21.3
7 10	21 41.53	−18 37.2	1.567	2.477	13.2	21.1
7 20	21 34.44	−19 20.8	1.520	2.489	9.0	20.9
7 30	21 25.29	−20 8.2	1.498	2.501	4.6	20.7
8 9	21 15.10	−20 52.8	1.501	2.513	2.0	20.5
8 19	21 5.04	−21 29.0	1.531	2.524	5.8	20.8
8 29	20 56.33	−21 52.9	1.587	2.535	10.0	21.1
9 8	20 49.89	−22 3.3	1.666	2.545	13.7	21.3

469699 2005 EP_{68} 8 8.8 263°.64 7°.8/16.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 40.42	+11 40.8	2.546	3.216	15.4	22.0
7 10	21 36.58	+11 49.0	2.416	3.186	13.8	21.8
7 20	21 30.84	+11 36.0	2.303	3.154	11.8	21.6
7 30	21 23.52	+10 59.0	2.211	3.122	9.8	21.4
8 9	21 15.14	+ 9 56.7	2.144	3.088	8.2	21.3
8 19	21 6.40	+ 8 30.8	2.103	3.054	7.8	21.2
8 29	20 58.13	+ 6 45.4	2.090	3.019	9.1	21.2
9 8	20 51.10	+ 4 47.4	2.104	2.983	11.3	21.3

435243 2007 TD_{11} 8 8.8 338°.12 8°.0/14.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 32.23	+ 2 50.1	1.435	2.229	20.5	20.4
7 10	21 31.22	+ 3 24.4	1.347	2.213	17.7	20.2
7 20	21 27.71	+ 3 33.6	1.274	2.199	14.5	20.0
7 30	21 22.09	+ 3 14.0	1.220	2.185	11.0	19.7
8 9	21 15.17	+ 2 25.4	1.187	2.173	8.4	19.5
8 19	21 8.01	+ 1 11.1	1.176	2.161	8.3	19.5
8 29	21 1.84	− 0 21.2	1.188	2.151	10.9	19.6
9 8	20 57.73	− 2 1.3	1.223	2.142	14.6	19.8

287066 2002 RP_{19} 8 8.8 356°.13 6°.6/ 5.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 42.64	−27 10.3	1.214	2.083	19.1	19.5
7 10	21 40.20	−27 57.8	1.150	2.080	15.3	19.2
7 20	21 34.24	−28 48.0	1.105	2.078	11.1	19.0
7 30	21 25.43	−29 31.7	1.080	2.076	7.5	18.8
8 9	21 15.10	−29 59.2	1.077	2.075	6.8	18.8
8 19	21 4.89	−30 4.0	1.097	2.075	9.9	18.9
8 29	20 56.48	−29 44.1	1.139	2.076	14.1	19.2
9 8	20 51.08	−29 2.0	1.200	2.078	18.0	19.4

60028 1999 TB_{81} 8 8.8 168°.46 1°.1/ 9.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 40.58	−10 14.8	2.096	2.899	14.5	20.1
7 10	21 36.77	−10 35.7	2.011	2.902	11.7	19.9
7 20	21 30.92	−11 9.1	1.947	2.904	8.3	19.7
7 30	21 23.48	−11 52.7	1.907	2.906	4.5	19.5
8 9	21 15.16	−12 42.6	1.894	2.907	1.1	19.3
8 19	21 6.80	−13 34.2	1.910	2.908	4.0	19.5
8 29	20 59.30	−14 22.9	1.952	2.909	7.7	19.7
9 8	20 53.41	−15 4.9	2.020	2.910	11.2	19.9

343729 2011 EY_{81} 8 8.8 238°.16 0°.6/ 8.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 58.33	−20 1.8	1.241	2.074	20.9	20.7
7 10	21 52.63	−19 17.4	1.157	2.067	16.9	20.4
7 20	21 42.96	−18 35.0	1.091	2.059	11.9	20.1
7 30	21 29.95	−17 51.0	1.047	2.050	6.1	19.7
8 9	21 15.02	−17 1.9	1.027	2.041	0.6	19.3
8 19	21 0.03	−16 6.4	1.033	2.031	6.6	19.7
8 29	20 47.00	−15 5.4	1.065	2.022	12.6	20.0
9 8	20 37.39	−14 1.0	1.117	2.012	17.8	20.3

217358 2004 SW_{25} 8 8.8 6°.30 3°.7/11.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 36.38	− 6 14.1	1.360	2.189	19.7	19.8
7 10	21 34.49	− 6 3.7	1.288	2.189	16.1	19.5
7 20	21 29.90	− 6 13.3	1.233	2.190	12.0	19.3
7 30	21 23.14	− 6 42.4	1.199	2.192	7.4	19.0
8 9	21 15.18	− 7 27.6	1.187	2.195	3.9	18.8
8 19	21 7.19	− 8 23.1	1.199	2.199	5.6	19.0
8 29	21 0.45	− 9 21.8	1.235	2.203	10.0	19.2
9 8	20 55.95	−10 16.6	1.293	2.209	14.3	19.5

400448 2008 EA_{135} 8 8.8 257°.35 1°.0/ 9.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 37.89	−10 18.7	2.265	3.069	13.6	21.6
7 10	21 34.58	−10 41.1	2.171	3.062	10.9	21.4
7 20	21 29.39	−11 15.5	2.098	3.055	7.7	21.2
7 30	21 22.72	−11 59.6	2.049	3.048	4.2	21.0
8 9	21 15.20	−12 50.1	2.028	3.041	1.0	20.7
8 19	21 7.57	−13 42.6	2.035	3.034	3.7	20.9
8 29	21 0.67	−14 32.7	2.069	3.027	7.4	21.1
9 8	20 55.20	−15 16.8	2.128	3.019	10.7	21.3

442164 2010 VM_{205} 8 8.8 348°.98 1°.5/ 7.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 40.59	−19 4.3	2.048	2.877	13.9	20.8
7 10	21 36.89	−19 19.0	1.966	2.875	11.0	20.6
7 20	21 31.06	−19 39.5	1.904	2.873	7.6	20.4
7 30	21 23.56	−20 2.3	1.868	2.871	3.8	20.2
8 9	21 15.18	−20 23.3	1.858	2.870	1.6	20.0
8 19	21 6.80	−20 38.7	1.875	2.869	4.8	20.3
8 29	20 59.37	−20 45.9	1.919	2.868	8.5	20.5
9 8	20 53.67	−20 43.7	1.987	2.867	11.8	20.7

76481 2000 FW_{63} 8 8.8 214.°64 1.°6/ 7.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 40.53	−17 34.6	2.250	3.070	13.1	20.1
7 10	21 36.73	−18 17.5	2.160	3.065	10.3	19.9
7 20	21 30.91	−19 8.7	2.093	3.059	7.1	19.7
7 30	21 23.50	−20 4.1	2.051	3.054	3.6	19.4
8 9	21 15.18	−20 58.6	2.037	3.048	1.7	19.3
8 19	21 6.77	−21 47.6	2.051	3.042	4.7	19.5
8 29	20 59.16	−22 27.0	2.092	3.035	8.2	19.7
9 8	20 53.10	−22 54.6	2.158	3.028	11.4	19.9

374822 2006 UR_{170} 8 8.8 314.°86 0.°7/ 8.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 38.46	−15 6.0	1.928	2.755	14.7	21.4
7 10	21 35.42	−15 34.9	1.840	2.748	11.7	21.2
7 20	21 30.18	−16 14.3	1.774	2.741	8.1	21.0
7 30	21 23.19	−17 0.8	1.731	2.735	4.0	20.7
8 9	21 15.20	−17 49.6	1.715	2.728	0.7	20.5
8 19	21 7.11	−18 35.4	1.726	2.722	4.7	20.8
8 29	20 59.92	−19 13.9	1.763	2.716	8.7	21.0
9 8	20 54.47	−19 41.8	1.823	2.711	12.3	21.2

284771 2008 WW_{120} 8 8.8 279.°94 2.°9/ 6.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 40.49	−20 13.5	1.855	2.692	14.8	20.7
7 10	21 37.19	−21 3.3	1.772	2.686	11.7	20.5
7 20	21 31.51	−22 1.3	1.710	2.681	8.1	20.3
7 30	21 23.89	−23 2.0	1.673	2.675	4.4	20.0
8 9	21 15.18	−23 58.9	1.662	2.669	3.1	19.9
8 19	21 6.38	−24 45.9	1.677	2.664	6.2	20.1
8 29	20 58.59	−25 18.8	1.718	2.658	9.9	20.3
9 8	20 52.72	−25 35.8	1.783	2.652	13.4	20.6

63557 2001 QN_{10} 8 8.8 350.°86 0.°6/ 8.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 38.37	−15 27.3	1.028	1.899	21.6	19.3
7 10	21 37.10	−15 33.9	0.961	1.894	17.3	19.0
7 20	21 32.31	−15 55.9	0.911	1.889	12.0	18.7
7 30	21 24.58	−16 29.0	0.879	1.885	6.1	18.4
8 9	21 15.17	−17 6.1	0.869	1.882	0.7	18.0
8 19	21 5.72	−17 39.7	0.880	1.881	6.7	18.4
8 29	20 57.99	−18 3.0	0.913	1.880	12.6	18.7
9 8	20 53.29	−18 12.5	0.964	1.881	17.8	19.0

24720 1991 SV_{1} 8 8.8 341.°90 6.°0/ 5.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 41.41	−26 6.5	1.196	2.067	19.2	17.3
7 10	21 39.35	−26 46.5	1.126	2.058	15.4	17.1
7 20	21 33.77	−27 30.6	1.074	2.049	11.1	16.8
7 30	21 25.28	−28 9.9	1.043	2.042	7.2	16.6
8 9	21 15.16	−28 35.2	1.034	2.035	6.3	16.5
8 19	21 5.03	−28 39.4	1.047	2.029	9.6	16.7
8 29	20 56.64	−28 19.9	1.082	2.025	14.0	16.9
9 8	20 51.26	−27 38.7	1.136	2.021	18.2	17.1

177345 2003 YO_{128} 8 8.8 124.°56 1.°6/ 7.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 48.66	−18 55.5	1.807	2.628	15.8	20.4
7 10	21 43.37	−19 9.4	1.738	2.642	12.5	20.3
7 20	21 35.55	−19 29.5	1.689	2.655	8.6	20.0
7 30	21 25.82	−19 51.7	1.666	2.668	4.3	19.8
8 9	21 15.16	−20 10.9	1.669	2.681	1.6	19.7
8 19	21 4.68	−20 23.3	1.699	2.693	5.2	19.9
8 29	20 55.50	−20 26.4	1.757	2.704	9.2	20.2
9 8	20 48.48	−20 19.6	1.838	2.715	12.8	20.4

284290 2006 KR_{59} 8 8.8 335.°86 0.°5/ 9.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 37.61	−11 16.4	1.720	2.546	16.3	21.0
7 10	21 34.99	−11 48.4	1.637	2.542	13.0	20.8
7 20	21 30.02	−12 35.8	1.573	2.538	9.2	20.5
7 30	21 23.16	−13 35.2	1.532	2.534	4.8	20.3
8 9	21 15.21	−14 41.5	1.517	2.531	0.5	19.9
8 19	21 7.17	−15 48.1	1.528	2.528	4.6	20.2
8 29	21 0.12	−16 49.0	1.565	2.525	9.1	20.5
9 8	20 54.94	−17 39.3	1.626	2.523	13.0	20.7

322205 2010 YW_{4} 8 8.8 346.°31 4.°3/12.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 36.69	− 1 52.6	2.235	3.007	14.7	20.5
7 10	21 33.59	− 1 38.3	2.145	3.005	12.3	20.3
7 20	21 28.68	− 1 39.1	2.074	3.003	9.5	20.1
7 30	21 22.35	− 1 55.1	2.026	3.001	6.6	19.9
8 9	21 15.24	− 2 25.1	2.004	2.999	4.5	19.8
8 19	21 8.05	− 3 6.2	2.008	2.998	5.0	19.8
8 29	21 1.59	− 3 54.4	2.040	2.997	7.5	20.0
9 8	20 56.53	− 4 44.9	2.096	2.996	10.4	20.2

511474 2014 KD_{100} 8 8.8 70.°96 4.°0/ 5.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 39.36	−23 9.9	2.103	2.940	13.3	21.1
7 10	21 35.93	−24 27.6	2.037	2.951	10.4	21.0
7 20	21 30.40	−25 50.4	1.993	2.961	7.3	20.8
7 30	21 23.24	−27 12.0	1.976	2.972	4.6	20.6
8 9	21 15.22	−28 25.5	1.985	2.983	4.2	20.6
8 19	21 7.22	−29 25.5	2.022	2.994	6.6	20.8
8 29	21 0.17	−30 8.4	2.085	3.004	9.6	21.0
9 8	20 54.83	−30 33.3	2.171	3.015	12.3	21.2

242892 2006 KX_{2} 8 8.8 80.°58 5.°7/13.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 40.50	+ 0 30.9	1.893	2.657	17.2	20.8
7 10	21 36.78	+ 0 55.0	1.821	2.673	14.5	20.7
7 20	21 30.94	+ 1 0.4	1.768	2.688	11.4	20.5
7 30	21 23.50	+ 0 46.2	1.736	2.703	8.2	20.3
8 9	21 15.22	+ 0 13.8	1.729	2.718	5.9	20.2
8 19	21 7.00	− 0 33.1	1.748	2.733	6.2	20.3
8 29	20 59.78	− 1 29.5	1.794	2.748	8.6	20.5
9 8	20 54.29	− 2 29.4	1.863	2.762	11.5	20.7

446881 2002 CA_{316} 8 8.8 59.°52 1.°8/10.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 36.67	− 6 59.1	2.224	3.019	14.1	20.8
7 10	21 33.58	− 7 28.1	2.139	3.022	11.4	20.7
7 20	21 28.67	− 8 11.5	2.074	3.025	8.2	20.5
7 30	21 22.34	− 9 7.4	2.034	3.028	4.8	20.3
8 9	21 15.24	−10 12.0	2.020	3.031	1.9	20.1
8 19	21 8.10	−11 20.7	2.035	3.034	3.7	20.2
8 29	21 1.71	−12 28.3	2.077	3.037	7.2	20.4
9 8	20 56.74	−13 30.2	2.145	3.040	10.4	20.6

251922 1999 VH_{193} 8 8.8 238.°99 6.°2/14.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 37.13	+ 5 56.8	2.669	3.382	13.9	20.7
7 10	21 33.68	+ 6 21.8	2.566	3.373	12.1	20.5
7 20	21 28.62	+ 6 30.9	2.482	3.365	10.0	20.4
7 30	21 22.30	+ 6 22.4	2.421	3.356	8.0	20.2
8 9	21 15.25	+ 5 56.6	2.384	3.347	6.5	20.1
8 19	21 8.07	+ 5 14.8	2.374	3.337	6.3	20.1
8 29	21 1.45	+ 4 20.5	2.391	3.328	7.7	20.2
9 8	20 56.01	+ 3 18.1	2.433	3.318	9.7	20.3

254184 2004 RH_{21} 8 8.8 306.°62 4.°6/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 46.00	−28 52.0	2.099	2.929	13.6	20.0
7 10	21 41.32	−29 9.8	2.010	2.916	10.9	19.8
7 20	21 34.22	−29 26.4	1.943	2.903	8.0	19.6
7 30	21 25.22	−29 36.5	1.900	2.891	5.4	19.4
8 9	21 15.18	−29 35.2	1.884	2.878	4.8	19.4
8 19	21 5.15	−29 19.2	1.894	2.866	6.9	19.5
8 29	20 56.22	−28 47.7	1.931	2.854	10.0	19.7
9 8	20 49.25	−28 2.0	1.992	2.843	13.0	19.8

266700 2009 PD_{21} 8 8.8 0.°17 0.°5/ 8.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 38.42	−15 38.0	2.189	3.010	13.4	21.2
7 10	21 35.03	−15 58.5	2.105	3.010	10.6	21.0
7 20	21 29.70	−16 27.3	2.043	3.009	7.3	20.8
7 30	21 22.87	−17 1.2	2.006	3.009	3.6	20.5
8 9	21 15.24	−17 36.4	1.996	3.009	0.6	20.3
8 19	21 7.59	−18 8.9	2.013	3.010	4.1	20.6
8 29	21 0.76	−18 35.5	2.058	3.010	7.7	20.8
9 8	20 55.47	−18 53.7	2.127	3.011	10.9	21.0

513447 2008 WO 8 8.8 288.°87 1.°2/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 39.83	−15 24.4	1.789	2.620	15.6	21.5
7 10	21 36.98	−16 5.6	1.683	2.593	12.5	21.2
7 20	21 31.63	−17 0.4	1.597	2.566	8.7	21.0
7 30	21 24.12	−18 4.8	1.535	2.538	4.4	20.6
8 9	21 15.21	−19 12.9	1.498	2.511	1.4	20.4
8 19	21 5.89	−20 17.9	1.488	2.483	5.5	20.6
8 29	20 57.39	−21 13.3	1.504	2.455	10.1	20.8
9 8	20 50.79	−21 54.9	1.543	2.428	14.3	21.0

444096 2004 TE_{34} 8 8.8 302.°69 4.°4/12.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 36.21	− 1 27.6	2.212	2.983	14.8	21.4
7 10	21 33.35	− 1 17.3	2.110	2.970	12.5	21.2
7 20	21 28.61	− 1 22.9	2.028	2.956	9.7	21.0
7 30	21 22.38	− 1 44.7	1.968	2.942	6.8	20.8
8 9	21 15.26	− 2 21.6	1.934	2.929	4.6	20.7
8 19	21 7.97	− 3 10.6	1.926	2.916	5.1	20.7
8 29	21 1.34	− 4 7.5	1.945	2.903	7.7	20.8
9 8	20 56.12	− 5 6.9	1.989	2.890	10.8	21.0

66634 1999 RJ_{212} 8 8.8 265.°00 5.°9/13.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 39.77	+ 0 48.7	2.064	2.822	16.2	19.7
7 10	21 36.37	+ 1 16.1	1.958	2.804	13.8	19.5
7 20	21 30.85	+ 1 26.6	1.870	2.786	11.0	19.3
7 30	21 23.59	+ 1 18.5	1.804	2.768	8.2	19.1
8 9	21 15.23	+ 0 51.8	1.763	2.750	6.1	18.9
8 19	21 6.62	+ 0 8.8	1.749	2.731	6.4	18.9
8 29	20 58.70	− 0 46.3	1.760	2.712	8.9	19.0
9 8	20 52.34	− 1 47.8	1.796	2.693	12.0	19.1

420331 2012 BK_{10} 8 8.8 269.°11 1.°1/ 9.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 45.23	−13 21.1	1.464	2.293	18.5	21.5
7 10	21 41.54	−13 6.0	1.379	2.285	14.9	21.2
7 20	21 34.87	−13 2.3	1.311	2.276	10.6	20.9
7 30	21 25.76	−13 8.1	1.266	2.268	5.7	20.6
8 9	21 15.19	−13 19.8	1.246	2.259	1.1	20.3
8 19	21 4.47	−13 33.2	1.250	2.250	5.4	20.6
8 29	20 55.03	−13 44.2	1.280	2.242	10.5	20.9
9 8	20 48.04	−13 49.6	1.332	2.233	15.0	21.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
253517 2003 SM_{161} 8 8.8 245°.81 3°.6/ 6.6 17						
	h m	° ′			°	m
6 30	21 45.21	−21 39.7	1.608	2.448	16.6	20.7
7 10	21 41.44	−22 22.8	1.523	2.439	13.2	20.4
7 20	21 34.76	−23 13.7	1.459	2.429	9.2	20.2
7 30	21 25.69	−24 6.1	1.417	2.418	5.2	19.9
8 9	21 15.19	−24 52.4	1.401	2.408	3.8	19.8
8 19	21 4.54	−25 26.0	1.411	2.396	7.2	20.0
8 29	20 55.12	−25 42.7	1.445	2.385	11.4	20.2
9 8	20 48.07	−25 41.8	1.502	2.374	15.4	20.4
470911 2009 DF_{52} 8 8.8 41°.02 2°.7/ 6.8 18						
6 30	21 41.40	−20 45.5	1.884	2.720	14.7	21.4
7 10	21 37.78	−21 24.0	1.808	2.722	11.6	21.2
7 20	21 31.81	−22 8.8	1.754	2.723	8.0	21.0
7 30	21 24.01	−22 54.9	1.723	2.725	4.3	20.7
8 9	21 15.23	−23 36.4	1.719	2.727	2.9	20.7
8 19	21 6.47	−24 8.5	1.741	2.729	5.8	20.8
8 29	20 58.76	−24 27.8	1.790	2.730	9.5	21.1
9 8	20 52.97	−24 33.2	1.861	2.732	12.9	21.3
437211 2012 WF_{13} 8 8.8 25°.21 6°.4/ 4.2 16						
6 30	21 39.96	−27 0.1	1.515	2.374	16.5	20.3
7 10	21 37.34	−28 22.8	1.457	2.380	13.1	20.1
7 20	21 31.86	−29 49.0	1.419	2.388	9.6	19.9
7 30	21 24.14	−31 9.2	1.404	2.395	6.9	19.7
8 9	21 15.23	−32 14.3	1.414	2.404	6.8	19.8
8 19	21 6.43	−32 57.4	1.448	2.413	9.4	19.9
8 29	20 59.05	−33 15.5	1.505	2.422	12.7	20.2
9 8	20 54.07	−33 9.9	1.583	2.433	15.9	20.4
468303 2015 FO_{339} 8 8.8 39°.66 8°.1/13.3 18						
6 30	21 43.07	+ 1 5.9	1.604	2.375	19.6	19.9
7 10	21 39.31	+ 2 23.0	1.529	2.381	16.7	19.7
7 20	21 33.00	+ 3 21.8	1.472	2.387	13.6	19.5
7 30	21 24.68	+ 3 58.6	1.436	2.393	10.4	19.3
8 9	21 15.24	+ 4 12.0	1.422	2.400	8.3	19.2
8 19	21 5.78	+ 4 3.3	1.433	2.407	8.5	19.3
8 29	20 57.49	+ 3 36.3	1.468	2.414	10.8	19.4
9 8	20 51.28	+ 2 57.6	1.526	2.422	13.8	19.6
168049 2006 BH_{41} 8 8.8 10°.71 12°.1/ 7.4 17						
6 30	22 7.29	−39 46.4	0.909	1.766	25.0	19.1
7 10	22 1.36	−39 52.4	0.855	1.766	21.1	18.8
7 20	21 49.61	−39 40.9	0.814	1.767	17.0	18.6
7 30	21 33.30	−38 56.0	0.792	1.769	13.3	18.4
8 9	21 15.07	−37 26.2	0.789	1.771	12.1	18.4
8 19	20 58.08	−35 12.1	0.808	1.775	14.3	18.5
8 29	20 44.97	−32 25.6	0.847	1.779	18.3	18.7
9 8	20 37.04	−29 23.7	0.905	1.783	22.4	19.0
92409 2000 JW_{35} 8 8.8 351°.89 4°.5/10.9 18						
6 30	21 35.26	− 8 7.7	0.992	1.853	23.0	18.2
7 10	21 34.63	− 7 27.5	0.924	1.846	18.9	17.9
7 20	21 30.62	− 7 7.6	0.872	1.839	14.1	17.6
7 30	21 23.77	− 7 9.2	0.837	1.835	8.8	17.3
8 9	21 15.27	− 7 30.2	0.822	1.831	4.6	17.1
8 19	21 6.65	− 8 5.1	0.828	1.829	6.9	17.2
8 29	20 59.64	− 8 46.4	0.855	1.829	12.2	17.5
9 8	20 55.55	− 9 26.0	0.900	1.830	17.3	17.8
5641 McCleese 8 8.8 90°.58 5°.6/13.5 18 A						
6 30	21 41.50	+ 6 58.2	1.009	1.803	27.3	16.5
7 10	21 39.37	+ 5 29.3	0.948	1.819	23.0	16.3
7 20	21 33.76	+ 3 9.0	0.899	1.835	17.8	16.0
7 30	21 25.29	− 0 1.7	0.870	1.851	11.8	15.8
8 9	21 15.24	− 3 50.7	0.863	1.866	6.5	15.5
8 19	21 5.23	− 7 55.8	0.881	1.882	6.9	15.6
8 29	20 56.99	−11 51.4	0.926	1.896	12.1	15.9
9 8	20 51.79	−15 17.6	0.993	1.911	17.4	16.3
46836 1998 QM_{12} 8 8.8 47°.50 4°.3/11.8 18						
6 30	21 38.86	− 3 19.2	1.382	2.194	20.2	18.0
7 10	21 36.35	− 3 21.4	1.315	2.203	16.7	17.8
7 20	21 31.12	− 3 47.1	1.265	2.213	12.5	17.6
7 30	21 23.77	− 4 35.5	1.235	2.223	8.1	17.4
8 9	21 15.27	− 5 42.6	1.228	2.233	4.6	17.2
8 19	21 6.82	− 7 1.2	1.246	2.244	5.8	17.3
8 29	20 59.66	− 8 23.0	1.289	2.255	9.9	17.6
9 8	20 54.75	− 9 39.7	1.354	2.266	14.0	17.8
380256 2001 XL_{43} 8 8.8 230°.15 6°.4/ 3.4 18						
6 30	21 46.20	−30 50.5	2.120	2.950	13.5	21.6
7 10	21 41.72	−32 5.6	2.035	2.938	11.0	21.4
7 20	21 34.70	−33 21.8	1.973	2.926	8.4	21.2
7 30	21 25.59	−34 31.3	1.935	2.913	6.6	21.1
8 9	21 15.24	−35 26.7	1.925	2.900	6.7	21.0
8 19	21 4.73	−36 2.3	1.940	2.886	8.8	21.1
8 29	20 55.23	−36 15.4	1.981	2.871	11.5	21.3
9 8	20 47.75	−36 7.0	2.044	2.856	14.2	21.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
132435 2002 GL_{164} 8 8.8 154°.05 1°.1/ 7.9 18 R						
	h m	° ′			°	m
6 30	21 41.22	−15 56.9	1.873	2.699	15.1	20.5
7 10	21 37.62	−16 32.2	1.794	2.701	12.0	20.2
7 20	21 31.72	−17 17.7	1.735	2.703	8.2	20.0
7 30	21 24.01	−18 9.3	1.701	2.704	4.1	19.8
8 9	21 15.29	−19 1.4	1.693	2.706	1.2	19.6
8 19	21 6.55	−19 48.8	1.712	2.707	4.9	19.8
8 29	20 58.82	−20 26.8	1.758	2.708	9.0	20.1
9 8	20 52.95	−20 52.9	1.827	2.709	12.6	20.3
203019 2000 AN_{126} 8 8.8 194°.98 0°.2/ 8.9 18						
6 30	21 40.07	−11 52.0	2.459	3.258	12.7	21.3
7 10	21 36.15	−12 31.2	2.366	3.256	10.1	21.1
7 20	21 30.42	−13 21.4	2.294	3.253	7.1	20.9
7 30	21 23.27	−14 19.7	2.249	3.250	3.6	20.7
8 9	21 15.31	−15 21.9	2.232	3.246	0.2	20.4
8 19	21 7.26	−16 23.7	2.244	3.241	3.7	20.7
8 29	20 59.89	−17 20.5	2.285	3.236	7.1	20.9
9 8	20 53.89	−18 9.2	2.351	3.231	10.2	21.1
378086 2006 UB_{89} 8 8.8 302°.34 4°.0/ 6.6 15						
6 30	21 42.30	−22 7.2	1.398	2.253	17.8	21.4
7 10	21 39.69	−22 44.9	1.310	2.234	14.2	21.1
7 20	21 33.92	−23 31.1	1.242	2.215	10.0	20.8
7 30	21 25.43	−24 19.1	1.195	2.197	5.8	20.6
8 9	21 15.26	−25 0.7	1.172	2.178	4.2	20.4
8 19	21 4.81	−25 28.5	1.173	2.160	7.9	20.6
8 29	20 55.66	−25 37.6	1.197	2.143	12.7	20.8
9 8	20 49.13	−25 27.1	1.241	2.125	17.1	21.0
400195 2006 YL_{8} 8 8.8 274°.92 2°.2/ 6.8 18						
6 30	21 38.22	−18 28.4	2.216	3.044	13.1	21.0
7 10	21 35.05	−19 25.3	2.124	3.033	10.3	20.8
7 20	21 29.87	−20 31.1	2.054	3.023	7.1	20.6
7 30	21 23.07	−21 41.3	2.009	3.012	3.7	20.4
8 9	21 15.32	−22 50.0	1.992	3.001	2.4	20.2
8 19	21 7.43	−23 51.9	2.003	2.990	5.2	20.4
8 29	21 0.28	−24 42.2	2.041	2.980	8.7	20.6
9 8	20 54.67	−25 18.6	2.103	2.969	11.8	20.8
393851 2005 SG_{169} 8 8.8 327°.22 7°.5/15.5 18						
6 30	21 35.82	+ 6 42.8	2.074	2.806	16.8	20.8
7 10	21 33.16	+ 7 9.1	1.981	2.800	14.7	20.6
7 20	21 28.55	+ 7 14.6	1.906	2.795	12.2	20.5
7 30	21 22.40	+ 6 56.9	1.851	2.790	9.8	20.3
8 9	21 15.34	+ 6 16.1	1.819	2.785	7.9	20.2
8 19	21 8.15	+ 5 14.5	1.813	2.780	7.6	20.2
8 29	21 1.71	+ 3 57.1	1.832	2.776	9.1	20.2
9 8	20 56.77	+ 2 30.8	1.875	2.772	11.6	20.4
446259 2013 HE_{103} 8 8.8 217°.63 0°.5/ 8.3 18						
6 30	21 39.60	−15 49.6	2.514	3.325	12.2	22.3
7 10	21 35.73	−16 11.3	2.422	3.321	9.6	22.2
7 20	21 30.10	−16 40.2	2.353	3.316	6.6	22.0
7 30	21 23.09	−17 13.6	2.309	3.312	3.3	21.7
8 9	21 15.33	−17 47.9	2.294	3.307	0.6	21.5
8 19	21 7.52	−18 19.8	2.306	3.302	3.8	21.8
8 29	21 0.40	−18 46.1	2.347	3.297	7.1	22.0
9 8	20 54.65	−19 4.9	2.413	3.291	10.1	22.1
276912 2004 TC_{12} 8 8.8 315°.37 0°.6/ 9.2 18						
6 30	21 37.23	−11 43.5	1.507	2.344	17.7	20.8
7 10	21 35.21	−12 4.3	1.415	2.327	14.3	20.5
7 20	21 30.53	−12 41.5	1.343	2.311	10.1	20.2
7 30	21 23.62	−13 32.7	1.292	2.295	5.3	19.9
8 9	21 15.32	−14 32.5	1.265	2.279	0.6	19.5
8 19	21 6.75	−15 34.3	1.264	2.264	5.2	19.8
8 29	20 59.22	−16 30.8	1.286	2.250	10.2	20.1
9 8	20 53.84	−17 16.8	1.331	2.236	14.8	20.3
485172 2010 RK_{167} 8 8.8 291°.61 4°.7/12.8 17						
6 30	21 37.56	+ 0 12.7	2.343	3.098	14.5	21.3
7 10	21 34.50	+ 0 14.1	2.216	3.064	12.4	21.1
7 20	21 29.54	− 0 1.4	2.110	3.030	9.8	20.9
7 30	21 22.97	− 0 34.9	2.026	2.995	7.0	20.6
8 9	21 15.34	− 1 25.5	1.967	2.960	4.9	20.4
8 19	21 7.35	− 2 30.6	1.936	2.924	5.3	20.4
8 29	20 59.85	− 3 45.6	1.933	2.889	7.9	20.5
9 8	20 53.65	− 5 4.5	1.955	2.853	11.1	20.6
296553 2009 QQ_{11} 8 8.8 24°.93 0°.8/ 8.4 17						
6 30	21 40.33	−15 55.9	1.165	2.025	20.3	20.0
7 10	21 38.05	−16 8.3	1.107	2.033	16.1	19.7
7 20	21 32.57	−16 33.9	1.067	2.042	11.1	19.5
7 30	21 24.58	−17 7.9	1.047	2.052	5.5	19.2
8 9	21 15.31	−17 43.4	1.049	2.063	0.9	18.9
8 19	21 6.24	−18 13.9	1.075	2.075	6.1	19.3
8 29	20 58.83	−18 34.2	1.124	2.087	11.4	19.7
9 8	20 54.15	−18 41.7	1.193	2.100	15.9	20.0

391036 2005 TV_{53} 8 8.8 341.°98 7.°5/ 3.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 42.84	−32 57.2	1.730	2.578	15.3	20.3
7 10	21 39.51	−33 52.2	1.658	2.570	12.5	20.1
7 20	21 33.35	−34 44.7	1.606	2.562	9.7	19.9
7 30	21 24.93	−35 26.6	1.577	2.555	7.8	19.8
8 9	21 15.30	−35 50.5	1.573	2.549	7.8	19.8
8 19	21 5.72	−35 51.4	1.592	2.544	9.9	19.9
8 29	20 57.49	−35 28.3	1.635	2.539	12.7	20.0
9 8	20 51.63	−34 43.5	1.699	2.535	15.6	20.2

475671 2006 VK_{28} 8 8.8 213.°11 5.°1/ 4.4 18

6 30	21 42.60	−29 4.4	2.314	3.145	12.5	22.0
7 10	21 38.46	−30 1.5	2.236	3.142	10.0	21.8
7 20	21 32.17	−30 59.2	2.180	3.139	7.4	21.6
7 30	21 24.20	−31 51.4	2.151	3.136	5.4	21.5
8 9	21 15.32	−32 32.5	2.147	3.132	5.3	21.5
8 19	21 6.42	−32 58.4	2.171	3.129	7.2	21.6
8 29	20 58.44	−33 6.8	2.221	3.125	9.8	21.7
9 8	20 52.19	−32 58.3	2.294	3.121	12.3	21.9

334382 2002 BY_{15} 8 8.8 154.°64 0.°9/ 9.5 18

6 30	21 43.36	−11 29.8	2.201	2.999	14.1	21.5
7 10	21 38.82	−11 40.6	2.118	3.006	11.3	21.3
7 20	21 32.29	−12 1.7	2.057	3.013	7.9	21.1
7 30	21 24.22	−12 30.9	2.021	3.019	4.2	20.9
8 9	21 15.33	−13 4.9	2.012	3.025	0.9	20.7
8 19	21 6.45	−13 39.8	2.032	3.031	3.8	20.9
8 29	20 58.45	−14 12.0	2.080	3.035	7.5	21.1
9 8	20 52.06	−14 38.7	2.153	3.039	10.8	21.4

223933 2004 XJ_5 8 8.8 359.°70 10.°1/29.4 18

6 30	21 43.86	−43 26.1	2.168	2.990	13.5	19.3
7 10	21 40.20	−45 8.1	2.114	2.989	11.8	19.2
7 20	21 33.78	−46 41.4	2.082	2.989	10.5	19.1
7 30	21 25.15	−47 57.4	2.072	2.989	10.1	19.1
8 9	21 15.30	−48 48.7	2.087	2.989	10.6	19.1
8 19	21 5.46	−49 11.5	2.124	2.989	12.0	19.2
8 29	20 56.91	−49 5.2	2.182	2.990	13.6	19.4
9 8	20 50.65	−48 33.2	2.259	2.991	15.3	19.5

92210 2000 AH_2 8 8.8 253.°35 5.°0/ 3.4 18

6 30	21 39.31	−28 10.3	2.515	3.347	11.6	18.5
7 10	21 35.80	−29 32.6	2.432	3.340	9.2	18.4
7 20	21 30.33	−30 57.4	2.373	3.332	6.9	18.2
7 30	21 23.30	−32 18.6	2.340	3.324	5.2	18.1
8 9	21 15.34	−33 30.0	2.335	3.316	5.3	18.1
8 19	21 7.25	−34 26.7	2.358	3.308	7.2	18.2
8 29	20 59.90	−35 5.6	2.406	3.299	9.6	18.3
9 8	20 54.03	−35 26.1	2.478	3.291	12.0	18.5

480395 2015 KL_{54} 8 8.8 2.°89 3.°1/10.9 18

6 30	21 38.81	− 6 31.8	1.722	2.528	17.1	21.0
7 10	21 35.87	− 6 27.4	1.640	2.528	14.0	20.8
7 20	21 30.60	− 6 39.3	1.577	2.528	10.3	20.6
7 30	21 23.49	− 7 6.7	1.537	2.528	6.3	20.3
8 9	21 15.34	− 7 46.7	1.521	2.529	3.2	20.1
8 19	21 7.14	− 8 34.8	1.531	2.529	4.8	20.3
8 29	20 59.93	− 9 25.4	1.567	2.531	8.7	20.5
9 8	20 54.60	−10 13.3	1.627	2.532	12.5	20.7

114825 2003 OD_{17} 8 8.8 291.°68 0.°8/ 9.4 18

6 30	21 38.82	−12 26.3	2.325	3.133	13.1	19.9
7 10	21 35.33	−12 29.4	2.224	3.118	10.6	19.7
7 20	21 29.97	−12 41.6	2.144	3.103	7.5	19.5
7 30	21 23.10	−13 1.1	2.088	3.088	4.0	19.2
8 9	21 15.35	−13 25.1	2.060	3.073	0.8	18.9
8 19	21 7.47	−13 50.6	2.060	3.059	3.7	19.1
8 29	21 0.29	−14 14.3	2.087	3.044	7.3	19.3
9 8	20 54.52	−14 33.4	2.139	3.029	10.6	19.5

505842 2015 CQ_{31} 8 8.8 321.°57 4.°9/ 5.7 17

6 30	21 41.16	−22 46.4	1.383	2.242	17.8	21.1
7 10	21 38.68	−23 49.3	1.309	2.235	14.1	20.8
7 20	21 33.10	−25 1.2	1.254	2.228	10.0	20.6
7 30	21 24.96	−26 13.9	1.222	2.222	6.1	20.3
8 9	21 15.32	−27 17.7	1.213	2.216	5.2	20.3
8 19	21 5.57	−28 4.4	1.228	2.210	8.6	20.5
8 29	20 57.24	−28 28.9	1.267	2.205	12.9	20.7
9 8	20 51.50	−28 30.6	1.325	2.200	16.9	20.9

113429 2002 SV_{38} 8 8.8 251.°77 1.°2/ 9.8 18

6 30	21 39.32	− 9 49.9	2.184	2.986	14.1	20.1
7 10	21 35.87	−10 9.0	2.085	2.974	11.4	19.9
7 20	21 30.42	−10 40.7	2.006	2.962	8.1	19.6
7 30	21 23.36	−11 23.2	1.952	2.950	4.5	19.4
8 9	21 15.35	−12 13.0	1.925	2.937	1.3	19.1
8 19	21 7.18	−13 5.7	1.925	2.924	3.9	19.3
8 29	20 59.73	−13 56.7	1.953	2.911	7.7	19.5
9 8	20 53.79	−14 42.1	2.006	2.898	11.2	19.7

343345 2010 CQ_{56} 8 8.8 102.°84 2.°7/10.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 44.69	− 8 51.3	1.921	2.716	15.9	20.4
7 10	21 40.08	− 8 28.0	1.845	2.728	12.9	20.2
7 20	21 33.24	− 8 16.4	1.790	2.740	9.4	20.0
7 30	21 24.72	− 8 15.7	1.759	2.751	5.6	19.8
8 9	21 15.34	− 8 23.8	1.754	2.762	2.7	19.6
8 19	21 6.04	− 8 37.8	1.776	2.773	4.5	19.8
8 29	20 57.80	− 8 54.6	1.826	2.784	8.1	20.0
9 8	20 51.40	− 9 10.6	1.900	2.795	11.5	20.2

91095 1998 GZ_8 8 8.8 164.°91 0.°1/ 8.7 18

6 30	21 41.27	−11 54.5	2.284	3.085	13.5	20.1
7 10	21 37.21	−12 47.6	2.198	3.090	10.7	19.9
7 20	21 31.21	−13 53.0	2.135	3.095	7.4	19.7
7 30	21 23.71	−15 7.0	2.098	3.099	3.8	19.5
8 9	21 15.36	−16 24.4	2.089	3.103	0.2	19.2
8 19	21 6.94	−17 39.7	2.110	3.106	4.0	19.5
8 29	20 59.31	−18 47.9	2.159	3.108	7.6	19.8
9 8	20 53.19	−19 45.5	2.233	3.110	10.8	20.0

21554 Leechaohsi 8 8.8 49.°37 8.°3/16.4 18 R

6 30	21 38.26	+ 8 22.8	2.015	2.734	17.6	17.8
7 10	21 34.93	+ 9 9.2	1.948	2.753	15.4	17.7
7 20	21 29.64	+ 9 34.0	1.898	2.773	12.9	17.6
7 30	21 22.88	+ 9 34.7	1.869	2.793	10.5	17.5
8 9	21 15.39	+ 9 11.4	1.862	2.814	8.8	17.4
8 19	21 7.95	+ 8 26.5	1.880	2.834	8.4	17.4
8 29	21 1.43	+ 7 24.8	1.923	2.855	9.5	17.5
9 8	20 56.51	+ 6 12.9	1.989	2.876	11.5	17.7

477509 2010 CZ_{140} 8 8.8 197.°56 1.°6/10.5 18

6 30	21 39.82	− 4 8.6	2.081	2.862	15.3	20.9
7 10	21 36.34	− 5 22.5	1.986	2.860	12.5	20.7
7 20	21 30.80	− 6 57.7	1.911	2.858	9.1	20.5
7 30	21 23.59	− 8 51.5	1.862	2.855	5.2	20.3
8 9	21 15.38	−10 57.6	1.841	2.853	1.7	20.0
8 19	21 6.99	−13 8.0	1.850	2.850	4.0	20.2
8 29	20 59.37	−15 14.2	1.889	2.846	8.0	20.4
9 8	20 53.31	−17 8.8	1.955	2.842	11.6	20.6

71088 1999 XK_{129} 8 8.8 247.°67 3.°0/ 6.9 18

6 30	21 44.11	−22 19.0	1.879	2.712	14.8	19.2
7 10	21 39.98	−22 45.1	1.799	2.711	11.7	19.0
7 20	21 33.40	−23 15.6	1.741	2.709	8.2	18.7
7 30	21 24.90	−23 45.6	1.707	2.708	4.5	18.5
8 9	21 15.36	−24 9.7	1.699	2.706	3.1	18.4
8 19	21 5.84	−24 23.7	1.718	2.705	6.0	18.6
8 29	20 57.45	−24 24.9	1.763	2.703	9.7	18.8
9 8	20 51.06	−24 13.1	1.832	2.702	13.1	19.0

335139 2004 VX_{26} 8 8.8 269.°64 0.°8/ 9.3 18

6 30	21 42.88	−12 46.2	1.968	2.779	15.1	21.3
7 10	21 39.05	−12 47.9	1.862	2.758	12.2	21.1
7 20	21 32.86	−13 0.0	1.776	2.736	8.7	20.8
7 30	21 24.73	−13 20.6	1.714	2.714	4.6	20.5
8 9	21 15.36	−13 46.4	1.678	2.692	0.8	20.2
8 19	21 5.72	−14 13.6	1.670	2.669	4.4	20.4
8 29	20 56.88	−14 38.2	1.689	2.646	8.7	20.6
9 8	20 49.81	−14 57.1	1.732	2.623	12.7	20.8

74588 1999 OO_1 8 8.8 326.°36 0.°8/ 8.4 18

6 30	21 39.35	−16 1.0	1.219	2.078	19.7	19.2
7 10	21 37.54	−16 10.3	1.139	2.065	15.8	18.9
7 20	21 32.52	−16 32.8	1.077	2.052	11.0	18.6
7 30	21 24.77	−17 4.7	1.034	2.040	5.6	18.3
8 9	21 15.37	−17 39.6	1.015	2.028	0.9	17.9
8 19	21 5.75	−18 10.9	1.018	2.017	6.4	18.3
8 29	20 57.55	−18 32.4	1.044	2.008	12.0	18.5
9 8	20 52.06	−18 41.0	1.090	1.999	16.9	18.8

316790 1999 TS_{197} 8 8.8 226.°80 4.°5/ 3.9 18

6 30	21 42.81	−31 9.9	3.057	3.874	10.1	21.4
7 10	21 38.15	−31 59.6	2.966	3.862	8.1	21.3
7 20	21 31.73	−32 48.4	2.899	3.849	6.2	21.1
7 30	21 23.95	−33 31.9	2.859	3.836	4.7	21.0
8 9	21 15.39	−34 5.6	2.847	3.823	4.8	21.0
8 19	21 6.75	−34 26.5	2.863	3.809	6.2	21.1
8 29	20 58.79	−34 32.9	2.906	3.794	8.3	21.2
9 8	20 52.14	−34 24.9	2.973	3.779	10.3	21.3

334476 2002 PA_{188} 8 8.8 357.°09 2.°3/ 7.0 18

6 30	21 38.07	−17 22.6	1.654	2.497	16.1	20.2
7 10	21 35.54	−18 20.3	1.577	2.496	12.6	20.0
7 20	21 30.53	−19 29.9	1.522	2.494	8.7	19.8
7 30	21 23.53	−20 45.7	1.490	2.494	4.5	19.5
8 9	21 15.39	−22 0.1	1.483	2.493	2.5	19.4
8 19	21 7.20	−23 5.9	1.502	2.493	6.1	19.6
8 29	21 0.09	−23 57.3	1.547	2.494	10.2	19.9
9 8	20 55.01	−24 31.5	1.614	2.495	14.0	20.1

450040 2015 RS_{19} 8 8.8 333°.73 0°.5/ 8.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 38.94	−16 26.2	1.819	2.653	15.2	20.9
7 10	21 36.00	−16 31.0	1.730	2.641	12.1	20.6
7 20	21 30.73	−16 44.0	1.661	2.630	8.4	20.4
7 30	21 23.60	−17 2.5	1.615	2.619	4.3	20.1
8 9	21 15.40	−17 22.3	1.595	2.609	0.6	19.8
8 19	21 7.09	−17 39.6	1.601	2.599	4.7	20.1
8 29	20 59.76	−17 50.8	1.633	2.590	9.0	20.3
9 8	20 54.27	−17 53.8	1.688	2.582	12.8	20.6

470773 2008 UV_{250} 8 8.8 279°.15 3°.6/ 6.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 42.67	−22 33.3	1.791	2.630	15.2	21.6
7 10	21 39.13	−23 14.4	1.706	2.621	12.0	21.4
7 20	21 33.00	−24 1.5	1.641	2.611	8.4	21.1
7 30	21 24.79	−24 48.9	1.601	2.601	4.9	20.9
8 9	21 15.38	−25 30.0	1.586	2.592	3.8	20.8
8 19	21 5.86	−25 59.1	1.598	2.582	6.7	21.0
8 29	20 57.42	−26 12.9	1.635	2.572	10.5	21.2
9 8	20 51.06	−26 10.4	1.695	2.563	14.1	21.4

116696 2004 CH_{92} 8 8.8 321°.24 6°.9/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 41.90	−27 8.7	1.297	2.163	18.3	19.4
7 10	21 39.69	−28 11.1	1.222	2.150	14.7	19.1
7 20	21 34.07	−29 18.5	1.165	2.137	10.9	18.9
7 30	21 25.57	−30 21.2	1.130	2.125	7.6	18.6
8 9	21 15.37	−31 8.7	1.118	2.113	7.3	18.6
8 19	21 5.02	−31 32.7	1.128	2.102	10.3	18.7
8 29	20 56.24	−31 29.7	1.161	2.091	14.4	18.9
9 8	20 50.36	−31 1.0	1.212	2.082	18.4	19.2

445439 2010 UM_{65} 8 8.8 327°.95 8°.1/16.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 36.55	+ 8 26.6	2.198	2.912	16.4	21.1
7 10	21 33.63	+ 9 6.4	2.106	2.908	14.5	21.0
7 20	21 28.84	+ 9 26.5	2.031	2.904	12.3	20.8
7 30	21 22.57	+ 9 24.2	1.976	2.900	10.1	20.6
8 9	21 15.43	+ 8 58.9	1.945	2.896	8.5	20.5
8 19	21 8.18	+ 8 12.0	1.938	2.893	8.1	20.5
8 29	21 1.64	+ 7 7.6	1.956	2.889	9.3	20.6
9 8	20 56.53	+ 5 52.0	1.999	2.886	11.4	20.7

155009 2005 OA_{19} 8 8.8 259°.40 1°.4/ 9.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 40.17	− 9 21.4	1.699	2.514	16.9	20.8
7 10	21 37.17	− 9 45.0	1.608	2.505	13.7	20.5
7 20	21 31.68	−10 25.4	1.536	2.495	9.8	20.3
7 30	21 24.16	−11 20.4	1.487	2.486	5.4	20.0
8 9	21 15.41	−12 25.4	1.463	2.476	1.4	19.7
8 19	21 6.45	−13 34.0	1.466	2.466	4.7	19.9
8 29	20 58.46	−14 39.5	1.494	2.455	9.3	20.1
9 8	20 52.42	−15 36.4	1.547	2.445	13.5	20.4

220859 2004 VQ_{76} 8 8.8 356°.65 16°.1/22.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 43.85	−53 16.3	1.596	2.413	17.7	18.5
7 10	21 42.25	−55 37.4	1.560	2.408	16.7	18.4
7 20	21 36.40	−57 39.1	1.543	2.404	16.1	18.3
7 30	21 26.90	−59 8.8	1.545	2.401	16.3	18.3
8 9	21 15.35	−59 57.4	1.565	2.399	17.1	18.4
8 19	21 3.91	−60 0.9	1.601	2.399	18.3	18.5
8 29	20 54.82	−59 21.6	1.653	2.399	19.7	18.6
9 8	20 49.52	−58 6.4	1.719	2.401	21.0	18.7

472420 2015 BT_{264} 8 8.8 61°.51 1°.9/ 9.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 46.16	−12 2.3	1.580	2.397	17.9	21.1
7 10	21 41.66	−11 34.2	1.515	2.413	14.3	20.9
7 20	21 34.54	−11 17.2	1.469	2.428	10.2	20.7
7 30	21 25.45	−11 9.8	1.445	2.444	5.6	20.5
8 9	21 15.40	−11 9.4	1.448	2.459	1.9	20.3
8 19	21 5.55	−11 13.0	1.476	2.475	4.8	20.5
8 29	20 57.08	−11 17.3	1.530	2.491	9.1	20.8
9 8	20 50.84	−11 19.4	1.608	2.507	13.0	21.1

340316 2006 DY_{16} 8 8.8 51°.53 1°.4/ 7.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 40.82	−16 28.3	1.678	2.513	16.2	20.7
7 10	21 37.58	−17 5.5	1.605	2.518	12.8	20.5
7 20	21 31.84	−17 53.5	1.553	2.523	8.8	20.3
7 30	21 24.16	−18 47.6	1.524	2.528	4.4	20.0
8 9	21 15.42	−19 41.4	1.521	2.533	1.5	19.8
8 19	21 6.71	−20 29.1	1.544	2.538	5.4	20.1
8 29	20 59.14	−21 5.8	1.592	2.544	9.6	20.4
9 8	20 53.62	−21 29.1	1.663	2.549	13.4	20.6

355123 2006 UL_{130} 8 8.8 187°.63 1°.7/ 7.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 41.55	−19 23.6	2.493	3.309	12.1	22.1
7 10	21 37.30	−19 52.4	2.406	3.309	9.5	21.9
7 20	21 31.21	−20 26.4	2.343	3.308	6.5	21.7
7 30	21 23.71	−21 2.2	2.305	3.307	3.4	21.5
8 9	21 15.43	−21 35.8	2.295	3.305	1.8	21.4
8 19	21 7.13	−22 3.6	2.314	3.303	4.4	21.6
8 29	20 59.60	−22 23.0	2.360	3.301	7.5	21.8
9 8	20 53.51	−22 32.5	2.432	3.299	10.4	22.0

249572 1994 RR_{18} 8 8.8 18°.50 4°.8/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 47.98	−28 27.5	1.527	2.373	17.0	19.0
7 10	21 43.41	−28 24.6	1.466	2.381	13.6	18.8
7 20	21 35.86	−28 19.1	1.424	2.391	9.7	18.6
7 30	21 26.12	−28 5.2	1.405	2.401	6.1	18.4
8 9	21 15.39	−27 38.2	1.412	2.413	4.9	18.4
8 19	21 5.06	−26 56.1	1.443	2.425	7.5	18.6
8 29	20 56.42	−25 59.7	1.500	2.439	11.1	18.8
9 8	20 50.35	−24 52.2	1.578	2.453	14.6	19.1

13820 Schwartz 8 8.8 275°.00 0°.3/ 9.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 38.60	−13 2.0	2.403	3.211	12.8	18.6
7 10	21 35.15	−13 19.2	2.300	3.195	10.2	18.4
7 20	21 29.85	−13 45.9	2.218	3.179	7.2	18.2
7 30	21 23.09	−14 19.7	2.162	3.163	3.7	17.9
8 9	21 15.45	−14 57.6	2.133	3.146	0.3	17.6
8 19	21 7.65	−15 35.7	2.132	3.130	3.7	17.9
8 29	21 0.51	−16 10.4	2.159	3.113	7.3	18.1
9 8	20 54.73	−16 39.0	2.211	3.097	10.5	18.2

20500 Avner 8 8.8 252°.59 3°.4/11.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 41.79	− 5 47.1	1.686	2.485	17.6	18.8
7 10	21 38.51	− 5 43.0	1.589	2.473	14.6	18.6
7 20	21 32.68	− 5 56.5	1.511	2.459	10.9	18.3
7 30	21 24.71	− 6 27.4	1.456	2.446	6.8	18.1
8 9	21 15.42	− 7 13.1	1.425	2.432	3.6	17.8
8 19	21 5.86	− 8 8.9	1.420	2.417	5.3	17.9
8 29	20 57.23	− 9 8.8	1.440	2.402	9.5	18.1
9 8	20 50.58	−10 6.4	1.485	2.387	13.6	18.3

322563 2011 YN_{59} 8 8.8 28°.66 1°.2/ 7.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 37.38	−15 44.7	2.196	3.019	13.3	20.6
7 10	21 34.29	−16 35.1	2.115	3.021	10.5	20.4
7 20	21 29.28	−17 35.3	2.056	3.023	7.1	20.2
7 30	21 22.78	−18 41.2	2.022	3.025	3.6	20.0
8 9	21 15.45	−19 47.5	2.015	3.028	1.3	19.8
8 19	21 8.09	−20 49.1	2.037	3.030	4.5	20.0
8 29	21 1.51	−21 41.5	2.085	3.033	8.0	20.3
9 8	20 56.45	−22 21.8	2.159	3.035	11.1	20.5

439673 2014 HY_{181} 8 8.8 68°.51 2°.1/ 7.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 40.36	−18 54.8	1.973	2.805	14.3	21.1
7 10	21 36.87	−19 37.3	1.896	2.807	11.2	20.9
7 20	21 31.18	−20 27.5	1.841	2.810	7.7	20.7
7 30	21 23.78	−21 20.8	1.810	2.813	4.0	20.5
8 9	21 15.44	−22 11.5	1.806	2.816	2.3	20.4
8 19	21 7.10	−22 54.5	1.829	2.819	5.3	20.6
8 29	20 59.73	−23 25.8	1.878	2.822	9.0	20.8
9 8	20 54.14	−23 43.9	1.951	2.825	12.3	21.0

134580 1999 TE_{19} 8 8.8 232°.06 2°.5/10.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 44.38	− 9 28.2	1.661	2.470	17.5	19.9
7 10	21 40.50	− 9 12.3	1.573	2.464	14.2	19.6
7 20	21 33.98	− 9 9.8	1.503	2.458	10.4	19.4
7 30	21 25.33	− 9 19.8	1.457	2.452	6.1	19.1
8 9	21 15.42	− 9 39.8	1.435	2.445	2.6	18.9
8 19	21 5.37	−10 5.8	1.440	2.439	5.0	19.0
8 29	20 56.41	−10 33.3	1.470	2.431	9.4	19.3
9 8	20 49.56	−10 58.2	1.524	2.424	13.5	19.5

346451 2008 TY_{26} 8 8.8 32°.37 9°.6/16.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 36.06	+ 7 24.7	1.351	2.120	22.7	19.9
7 10	21 34.11	+ 8 5.3	1.296	2.138	19.7	19.7
7 20	21 29.55	+ 8 15.4	1.255	2.157	16.3	19.5
7 30	21 23.01	+ 7 51.8	1.232	2.178	12.9	19.4
8 9	21 15.46	+ 6 55.5	1.229	2.199	10.3	19.3
8 19	21 8.04	+ 5 31.9	1.248	2.221	9.6	19.3
8 29	21 1.92	+ 3 50.2	1.290	2.244	11.3	19.5
9 8	20 57.97	+ 2 1.6	1.355	2.267	14.0	19.7

207656 2007 OG_{10} 8 8.8 316°.01 2°.2/ 7.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 37.24	−16 46.5	1.623	2.468	16.2	19.9
7 10	21 35.10	−17 43.3	1.535	2.453	12.9	19.6
7 20	21 30.41	−18 53.9	1.466	2.439	8.9	19.4
7 30	21 23.58	−20 13.0	1.421	2.426	4.6	19.1
8 9	21 15.45	−21 33.0	1.401	2.412	2.4	18.9
8 19	21 7.09	−22 45.9	1.407	2.399	6.2	19.1
8 29	20 59.74	−23 44.9	1.438	2.387	10.7	19.4
9 8	20 54.43	−24 26.2	1.491	2.375	14.7	19.6

71207 1999 XB_{245} 8 8.8 274°.93 2°.0/ 7.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 38.67	−15 47.9	1.905	2.734	14.8	19.2
7 10	21 35.82	−16 59.5	1.812	2.723	11.7	19.0
7 20	21 30.68	−18 25.0	1.741	2.711	8.0	18.7
7 30	21 23.65	−19 59.1	1.695	2.699	4.1	18.5
8 9	21 15.46	−21 34.5	1.676	2.687	2.2	18.3
8 19	21 7.04	−23 3.4	1.685	2.675	5.7	18.5
8 29	20 59.46	−24 19.3	1.720	2.663	9.7	18.7
9 8	20 53.65	−25 18.1	1.779	2.651	13.3	18.9

278277 2007 GO_{17} 8 8.8 171°.50 0°.1/ 8.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 43.96	−14 23.3	2.071	2.881	14.5	21.8
7 10	21 39.54	−14 41.1	1.987	2.884	11.5	21.6
7 20	21 32.95	−15 8.3	1.924	2.886	8.0	21.4
7 30	21 24.67	−15 41.9	1.886	2.888	4.0	21.1
8 9	21 15.46	−16 17.7	1.876	2.890	0.2	20.8
8 19	21 6.24	−16 51.6	1.893	2.891	4.2	21.2
8 29	20 57.95	−17 19.8	1.939	2.891	8.1	21.4
9 8	20 51.40	−17 39.9	2.008	2.891	11.6	21.6

154889 2004 RB_{166} 8 8.8 269°.00 1°.2/ 9.8 18

6 30	21 38.55	−10 35.2	2.314	3.116	13.4	20.7
7 10	21 35.09	−10 44.5	2.221	3.110	10.7	20.5
7 20	21 29.79	−11 4.3	2.149	3.105	7.6	20.3
7 30	21 23.05	−11 33.1	2.102	3.100	4.2	20.0
8 9	21 15.49	−12 7.7	2.082	3.094	1.2	19.8
8 19	21 7.86	−12 44.8	2.089	3.089	3.6	20.0
8 29	21 0.94	−13 20.6	2.125	3.083	7.1	20.2
9 8	20 55.44	−13 52.0	2.185	3.078	10.4	20.4

135980 Scottanderson 8 8.9 35°.89 2°.1/ 7.1 18

6 30	21 38.18	−16 36.6	1.688	2.529	15.9	19.5
7 10	21 35.50	−17 40.6	1.620	2.536	12.5	19.3
7 20	21 30.42	−18 56.5	1.572	2.544	8.5	19.1
7 30	21 23.46	−20 18.5	1.548	2.552	4.3	18.9
8 9	21 15.49	−21 38.9	1.550	2.561	2.3	18.8
8 19	21 7.54	−22 50.5	1.579	2.570	5.8	19.0
8 29	21 0.69	−23 47.6	1.633	2.580	9.8	19.3
9 8	20 55.80	−24 27.6	1.710	2.589	13.4	19.5

255494 2006 AJ_{36} 8 8.9 260°.01 0°.2/ 8.7 18

6 30	21 39.41	−14 59.9	2.412	3.224	12.6	20.8
7 10	21 35.68	−15 13.0	2.322	3.220	10.0	20.6
7 20	21 30.15	−15 33.7	2.254	3.217	6.9	20.4
7 30	21 23.21	−15 59.5	2.211	3.213	3.5	20.2
8 9	21 15.51	−16 27.1	2.196	3.210	0.2	19.9
8 19	21 7.76	−16 53.3	2.209	3.207	3.7	20.2
8 29	21 0.75	−17 15.0	2.250	3.203	7.1	20.4
9 8	20 55.14	−17 30.2	2.316	3.200	10.2	20.6

488867 2005 SG_{110} 8 8.9 304°.38 1°.0/ 9.4 18

6 30	21 39.31	−11 55.5	1.476	2.311	18.1	21.6
7 10	21 37.05	−12 1.4	1.379	2.289	14.7	21.3
7 20	21 31.99	−12 22.5	1.301	2.267	10.5	21.0
7 30	21 24.51	−12 57.0	1.244	2.246	5.6	20.7
8 9	21 15.49	−13 40.3	1.211	2.224	1.0	20.3
8 19	21 6.09	−14 26.8	1.203	2.203	5.3	20.6
8 29	20 57.71	−15 10.0	1.219	2.183	10.6	20.8
9 8	20 51.58	−15 44.7	1.256	2.163	15.3	21.0

60566 2000 EH_{109} 8 8.9 203°.02 1°.9/10.0 18

6 30	21 43.79	−10 51.3	2.106	2.904	14.6	19.5
7 10	21 39.35	−10 32.2	2.017	2.903	11.8	19.3
7 20	21 32.80	−10 22.4	1.948	2.901	8.5	19.0
7 30	21 24.60	−10 20.9	1.903	2.899	4.9	18.8
8 9	21 15.49	−10 25.7	1.886	2.897	1.9	18.6
8 19	21 6.34	−10 34.3	1.897	2.895	4.1	18.8
8 29	20 58.08	−10 43.9	1.935	2.892	7.8	19.0
9 8	20 51.49	−10 51.9	1.998	2.890	11.2	19.2

326156 2012 BK_{75} 8 8.9 92°.29 1°.5/ 7.4 18

6 30	21 38.28	−17 17.7	2.357	3.179	12.6	20.5
7 10	21 34.84	−18 5.7	2.279	3.185	9.8	20.3
7 20	21 29.59	−19 1.5	2.223	3.190	6.7	20.2
7 30	21 22.93	−20 1.0	2.193	3.196	3.4	20.0
8 9	21 15.53	−20 59.5	2.191	3.202	1.6	19.8
8 19	21 8.11	−21 52.3	2.216	3.207	4.4	20.0
8 29	21 1.46	−22 35.8	2.270	3.213	7.7	20.3
9 8	20 56.24	−23 7.8	2.348	3.218	10.6	20.5

448616 2010 UW_{58} 8 8.9 275°.70 3°.4/11.7 18

6 30	21 38.43	− 4 31.0	2.395	3.170	13.7	20.7
7 10	21 34.90	− 4 16.0	2.300	3.165	11.3	20.5
7 20	21 29.62	− 4 13.3	2.225	3.160	8.6	20.3
7 30	21 22.96	− 4 23.0	2.174	3.155	5.7	20.1
8 9	21 15.53	− 4 43.5	2.150	3.150	3.6	20.0
8 19	21 8.01	− 5 12.6	2.153	3.145	4.3	20.0
8 29	21 1.16	− 5 46.8	2.183	3.141	7.0	20.2
9 8	20 55.65	− 6 22.4	2.239	3.136	10.0	20.4

479654 2014 DA_{62} 8 8.9 188°.76 2°.1/10.8 18

6 30	21 39.08	− 5 59.3	2.243	3.028	14.2	21.3
7 10	21 35.57	− 6 29.0	2.151	3.028	11.6	21.1
7 20	21 30.16	− 7 14.0	2.080	3.027	8.5	20.9
7 30	21 23.27	− 8 12.6	2.034	3.026	5.0	20.7
8 9	21 15.53	− 9 21.1	2.015	3.024	2.2	20.5
8 19	21 7.70	−10 34.6	2.024	3.022	3.8	20.6
8 29	21 0.60	−11 47.8	2.061	3.020	7.3	20.8
9 8	20 54.94	−12 55.8	2.124	3.017	10.6	21.0

507946 2015 AE_{245} 8 8.9 174°.32 4°.5/ 5.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 43.81	−23 3.5	1.839	2.675	15.0	22.0
7 10	21 39.96	−24 22.4	1.764	2.677	11.8	21.8
7 20	21 33.56	−25 48.3	1.711	2.679	8.3	21.6
7 30	21 25.11	−27 13.9	1.683	2.680	5.2	21.4
8 9	21 15.50	−28 30.8	1.682	2.681	4.8	21.4
8 19	21 5.83	−29 32.2	1.708	2.681	7.5	21.5
8 29	20 57.25	−30 13.8	1.759	2.681	10.9	21.8
9 8	20 50.74	−30 34.7	1.833	2.680	14.1	22.0

240182 2002 QH_{70} 8 8.9 328°.26 1°.1/ 9.7 18

6 30	21 38.19	− 9 45.5	1.836	2.651	15.8	20.7
7 10	21 35.33	−10 13.2	1.751	2.648	12.7	20.5
7 20	21 30.26	−10 56.1	1.685	2.646	9.0	20.3
7 30	21 23.40	−11 51.7	1.644	2.643	4.9	20.0
8 9	21 15.53	−12 55.4	1.628	2.641	1.1	19.7
8 19	21 7.57	−14 1.3	1.639	2.639	4.3	20.0
8 29	21 0.52	−15 3.6	1.676	2.636	8.5	20.2
9 8	20 55.23	−15 57.3	1.737	2.635	12.3	20.4

448065 2008 GB_{50} 8 8.9 74°.66 5°.2/13.9 18

6 30	21 37.83	+ 2 18.2	2.270	3.016	15.2	21.4
7 10	21 34.40	+ 2 25.2	2.195	3.032	12.8	21.3
7 20	21 29.21	+ 2 14.6	2.139	3.049	10.2	21.1
7 30	21 22.72	+ 1 46.0	2.105	3.065	7.5	21.0
8 9	21 15.55	+ 1 1.1	2.097	3.081	5.5	20.9
8 19	21 8.43	+ 0 3.3	2.116	3.098	5.5	20.9
8 29	21 2.08	− 1 2.7	2.162	3.114	7.4	21.1
9 8	20 57.14	− 2 11.3	2.233	3.130	10.0	21.3

399233 2014 HT 8 8.9 8°.33 12°.1/29.6 18

6 30	21 43.39	−43 47.8	1.694	2.531	16.0	19.8
7 10	21 40.59	−45 37.5	1.648	2.533	14.1	19.7
7 20	21 34.47	−47 15.9	1.622	2.535	12.6	19.6
7 30	21 25.69	−48 32.2	1.617	2.539	12.1	19.6
8 9	21 15.50	−49 17.6	1.635	2.543	12.7	19.6
8 19	21 5.47	−49 27.8	1.673	2.548	14.2	19.8
8 29	20 57.16	−49 3.5	1.731	2.554	16.0	19.9
9 8	20 51.69	−48 9.7	1.806	2.560	17.9	20.1

97057 1999 UY_{52} 8 8.9 302°.67 7°.0/ 2.8 18

6 30	21 39.82	−27 40.7	1.679	2.533	15.4	19.1
7 10	21 37.41	−29 22.5	1.596	2.516	12.4	18.9
7 20	21 32.20	−31 11.0	1.535	2.500	9.3	18.6
7 30	21 24.61	−32 56.6	1.498	2.484	7.2	18.5
8 9	21 15.52	−34 28.9	1.486	2.468	7.5	18.5
8 19	21 6.14	−35 38.9	1.498	2.452	10.1	18.6
8 29	20 57.85	−36 21.7	1.534	2.437	13.5	18.7
9 8	20 51.83	−36 36.8	1.591	2.422	16.7	18.9

36047 1999 RY_{14} 8 8.9 182°.50 1°.9/10.7 18

6 30	21 37.53	− 6 53.6	2.400	3.187	13.4	19.5
7 10	21 34.20	− 7 15.9	2.309	3.187	10.8	19.3
7 20	21 29.13	− 7 51.5	2.240	3.187	7.9	19.1
7 30	21 22.72	− 8 38.6	2.195	3.187	4.6	18.9
8 9	21 15.56	− 9 34.3	2.177	3.187	2.0	18.7
8 19	21 8.34	−10 34.4	2.188	3.187	3.6	18.9
8 29	21 1.79	−11 34.4	2.227	3.186	6.8	19.1
9 8	20 56.57	−12 30.3	2.292	3.186	9.9	19.3

285313 1998 XH_{18} 8 8.9 129°.08 5°.1/13.5 18

6 30	21 37.82	+ 1 15.5	2.528	3.272	13.8	21.0
7 10	21 34.29	+ 1 40.3	2.437	3.273	11.8	20.8
7 20	21 29.13	+ 1 50.6	2.366	3.274	9.4	20.7
7 30	21 22.70	+ 1 45.6	2.317	3.275	7.0	20.5
8 9	21 15.57	+ 1 26.1	2.295	3.277	5.3	20.4
8 19	21 8.38	+ 0 53.9	2.299	3.278	5.4	20.4
8 29	21 1.83	+ 0 12.4	2.331	3.279	7.2	20.5
9 8	20 56.54	− 0 34.3	2.388	3.280	9.6	20.7

467310 1996 RX_{17} 8 8.9 10°.19 1°.8/ 9.9 17

6 30	21 36.18	− 9 1.8	1.115	1.969	21.5	20.7
7 10	21 35.00	− 9 17.6	1.051	1.970	17.4	20.4
7 20	21 30.69	− 9 56.2	1.003	1.972	12.4	20.1
7 30	21 23.83	−10 55.0	0.974	1.975	6.9	19.8
8 9	21 15.55	−12 7.1	0.967	1.979	1.9	19.5
8 19	21 7.26	−13 23.3	0.982	1.985	5.8	19.8
8 29	21 0.47	−14 34.3	1.020	1.991	11.2	20.1
9 8	20 56.33	−15 32.6	1.079	1.998	16.1	20.4

329146 2011 YO_{21} 8 8.9 193°.89 2°.4/ 7.0 18

6 30	21 42.81	−22 34.6	2.425	3.246	12.3	20.7
7 10	21 38.37	−22 53.4	2.341	3.246	9.7	20.5
7 20	21 32.00	−23 15.0	2.280	3.245	6.7	20.4
7 30	21 24.17	−23 35.7	2.244	3.244	3.7	20.2
8 9	21 15.56	−23 51.7	2.236	3.244	2.5	20.1
8 19	21 6.97	−24 0.0	2.257	3.243	4.9	20.2
8 29	20 59.24	−23 58.6	2.305	3.241	7.9	20.4
9 8	20 53.04	−23 47.1	2.377	3.240	10.7	20.6

329502 2002 RM_{137} 8 8.9 310°.38 6°.8/14.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 33.79	+ 5 25.3	1.399	2.179	21.5	19.9
7 10	21 32.99	+ 4 57.7	1.282	2.142	18.8	19.6
7 20	21 29.47	+ 3 51.9	1.180	2.105	15.3	19.2
7 30	21 23.44	+ 2 2.2	1.097	2.068	11.3	18.9
8 9	21 15.56	− 0 32.2	1.036	2.031	7.6	18.6
8 19	21 6.89	− 3 44.5	0.999	1.995	7.4	18.4
8 29	20 58.90	− 7 19.6	0.989	1.959	11.5	18.5
9 8	20 53.04	−10 57.6	1.002	1.924	16.8	18.7

266150 2006 UN_{35} 8 8.9 339°.38 0°.0/ 8.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 34.55	−15 22.7	1.036	1.913	21.1	19.7
7 10	21 34.24	−15 12.8	0.959	1.894	17.0	19.4
7 20	21 30.56	−15 16.5	0.898	1.877	12.0	19.1
7 30	21 23.96	−15 31.2	0.856	1.862	6.2	18.7
8 9	21 15.56	−15 51.6	0.835	1.848	0.1	18.2
8 19	21 6.90	−16 11.4	0.834	1.836	6.5	18.6
8 29	20 59.76	−16 24.4	0.854	1.826	12.6	18.9
9 8	20 55.54	−16 26.6	0.893	1.818	18.0	19.2

98466 2000 UF_{91} 8 8.9 330°.37 2°.4/10.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 42.47	−10 45.1	1.310	2.145	19.9	19.7
7 10	21 39.66	−10 24.0	1.232	2.140	16.2	19.5
7 20	21 33.79	−10 17.9	1.171	2.135	11.7	19.2
7 30	21 25.40	−10 25.6	1.131	2.131	6.7	18.9
8 9	21 15.55	−10 44.1	1.115	2.126	2.4	18.6
8 19	21 5.58	−11 8.6	1.122	2.123	5.6	18.8
8 29	20 56.99	−11 33.8	1.153	2.119	10.8	19.1
9 8	20 50.94	−11 54.8	1.205	2.117	15.5	19.4

328488 2009 MY_{9} 8 8.9 16°.64 1°.4/ 9.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 39.11	−12 29.0	1.119	1.977	21.1	20.3
7 10	21 37.25	−12 16.4	1.059	1.982	17.0	20.0
7 20	21 32.16	−12 19.7	1.016	1.988	12.0	19.8
7 30	21 24.53	−12 36.7	0.992	1.995	6.4	19.5
8 9	21 15.56	−13 2.2	0.990	2.004	1.4	19.2
8 19	21 6.73	−13 30.4	1.011	2.013	5.7	19.5
8 29	20 59.53	−13 55.3	1.055	2.024	11.1	19.8
9 8	20 55.05	−14 12.4	1.118	2.036	15.8	20.1

474164 1999 TU_{53} 8 8.9 316°.80 3°.3/ 7.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 41.15	−21 47.0	1.515	2.366	16.9	21.1
7 10	21 38.54	−22 11.3	1.424	2.345	13.5	20.8
7 20	21 33.03	−22 42.5	1.352	2.325	9.5	20.5
7 30	21 25.05	−23 15.2	1.302	2.305	5.3	20.2
8 9	21 15.55	−23 42.6	1.276	2.285	3.5	20.1
8 19	21 5.81	−23 58.7	1.276	2.266	7.0	20.2
8 29	20 57.24	−23 59.6	1.299	2.247	11.6	20.4
9 8	20 51.04	−23 44.3	1.343	2.230	15.9	20.6

166117 2002 CG_{215} 8 8.9 285°.44 2°.0/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 45.23	−18 59.0	1.396	2.241	18.4	20.0
7 10	21 41.98	−19 10.9	1.308	2.226	14.7	19.7
7 20	21 35.53	−19 31.8	1.239	2.211	10.3	19.4
7 30	21 26.37	−19 57.0	1.192	2.196	5.3	19.1
8 9	21 15.55	−20 20.2	1.169	2.181	2.1	18.9
8 19	21 4.48	−20 35.3	1.170	2.166	6.6	19.1
8 29	20 54.75	−20 38.3	1.196	2.151	11.7	19.4
9 8	20 47.65	−20 27.6	1.242	2.136	16.4	19.6

162356 1999 YA_{6} 8 8.9 279°.61 2°.3/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 54.49	−23 22.2	2.014	2.824	14.8	19.6
7 10	21 48.38	−23 6.4	1.900	2.796	11.9	19.3
7 20	21 39.48	−22 50.5	1.807	2.768	8.5	19.1
7 30	21 28.23	−22 30.5	1.740	2.740	4.6	18.8
8 9	21 15.54	−22 2.4	1.700	2.711	2.3	18.6
8 19	21 2.59	−21 23.8	1.690	2.681	5.6	18.7
8 29	20 50.67	−20 34.2	1.709	2.651	9.8	18.9
9 8	20 40.90	−19 35.1	1.753	2.621	13.7	19.1

289184 2004 VV_{76} 8 8.9 244°.48 3°.3/ 6.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 43.86	−22 30.5	2.269	3.091	13.0	21.7
7 10	21 39.64	−23 23.2	2.168	3.073	10.3	21.5
7 20	21 33.21	−24 22.0	2.090	3.055	7.2	21.3
7 30	21 24.96	−25 21.6	2.037	3.035	4.3	21.0
8 9	21 15.59	−26 16.3	2.012	3.015	3.5	21.0
8 19	21 5.98	−27 0.7	2.016	2.994	6.0	21.1
8 29	20 57.13	−27 31.1	2.046	2.973	9.3	21.2
9 8	20 49.94	−27 46.1	2.101	2.951	12.5	21.4

323009 2002 PD_{131} 8 8.9 358°.96 3°.6/10.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 29.08	− 8 55.5	0.893	1.773	23.3	19.6
7 10	21 29.99	− 8 28.7	0.833	1.767	19.1	19.3
7 20	21 27.56	− 8 24.4	0.787	1.762	14.0	19.0
7 30	21 22.37	− 8 43.0	0.759	1.760	8.4	18.7
8 9	21 15.62	− 9 20.4	0.749	1.760	3.8	18.5
8 19	21 8.83	−10 9.4	0.759	1.763	6.5	18.6
8 29	21 3.67	−11 0.5	0.789	1.768	12.0	18.9
9 8	21 1.38	−11 45.1	0.837	1.775	17.3	19.3

137894 2000 AZ_{158} 8 8.9 202°.11 0°.3/ 8.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 46.46	−15 38.0	1.837	2.654	15.8	20.4
7 10	21 41.90	−15 42.5	1.751	2.651	12.6	20.2
7 20	21 34.84	−15 55.7	1.684	2.648	8.8	19.9
7 30	21 25.77	−16 14.6	1.642	2.644	4.5	19.7
8 9	21 15.58	−16 35.0	1.626	2.640	0.3	19.3
8 19	21 5.33	−16 52.9	1.638	2.635	4.7	19.7
8 29	20 56.16	−17 4.9	1.676	2.630	9.1	19.9
9 8	20 49.00	−17 9.1	1.739	2.625	12.9	20.2

355121 2006 UM_{120} 8 8.9 260°.20 0°.8/ 9.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 39.17	−11 20.5	2.180	2.987	13.9	21.9
7 10	21 35.78	−11 38.4	2.085	2.978	11.2	21.7
7 20	21 30.41	−12 7.8	2.011	2.970	7.9	21.4
7 30	21 23.47	−12 46.3	1.962	2.962	4.2	21.2
8 9	21 15.61	−13 30.6	1.940	2.953	0.8	20.9
8 19	21 7.64	−14 16.3	1.945	2.944	3.9	21.1
8 29	21 0.41	−14 59.2	1.978	2.935	7.6	21.4
9 8	20 54.70	−15 35.8	2.035	2.927	11.1	21.6

318306 2004 TO_{99} 8 8.9 327°.76 0°.3/ 9.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 37.55	−12 42.8	2.105	2.922	14.0	21.0
7 10	21 34.56	−13 2.3	2.016	2.916	11.2	20.8
7 20	21 29.58	−13 32.5	1.947	2.910	7.8	20.6
7 30	21 23.05	−14 11.1	1.903	2.904	4.1	20.4
8 9	21 15.62	−14 54.1	1.885	2.898	0.3	20.1
8 19	21 8.11	−15 37.3	1.894	2.893	4.0	20.4
8 29	21 1.38	−16 16.4	1.930	2.888	7.8	20.6
9 8	20 56.20	−16 48.3	1.991	2.883	11.2	20.8

4117 Wilke 8 8.9 4°.09 5°.0/13.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 33.41	+ 0 3.2	1.550	2.348	19.0	16.3
7 10	21 31.92	− 0 10.9	1.471	2.347	16.0	16.1
7 20	21 28.09	− 0 50.4	1.410	2.348	12.3	15.8
7 30	21 22.39	− 1 55.4	1.369	2.349	8.5	15.6
8 9	21 15.63	− 3 22.2	1.351	2.351	5.4	15.4
8 19	21 8.79	− 5 3.9	1.359	2.355	5.8	15.5
8 29	21 2.95	− 6 51.5	1.391	2.359	9.2	15.7
9 8	20 59.01	− 8 35.5	1.447	2.364	13.0	15.9

177356 2004 AV_{3} 8 8.9 66°.72 1°.3/ 9.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 45.05	−12 39.4	1.482	2.309	18.4	19.6
7 10	21 41.18	−12 26.6	1.411	2.315	14.8	19.4
7 20	21 34.50	−12 26.0	1.359	2.322	10.4	19.2
7 30	21 25.63	−12 35.4	1.329	2.329	5.6	18.9
8 9	21 15.60	−12 51.0	1.323	2.336	1.3	18.6
8 19	21 5.65	−13 8.7	1.343	2.343	5.0	18.9
8 29	20 57.07	−13 24.2	1.388	2.350	9.8	19.2
9 8	20 50.84	−13 34.5	1.456	2.357	14.0	19.5

307432 2002 TD_{306} 8 8.9 175°.96 4°.6/ 5.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 44.99	−24 2.9	1.700	2.540	15.8	21.3
7 10	21 41.10	−25 4.6	1.627	2.541	12.5	21.1
7 20	21 34.47	−26 12.1	1.574	2.542	8.9	20.9
7 30	21 25.65	−27 17.8	1.546	2.543	5.6	20.7
8 9	21 15.60	−28 13.9	1.543	2.543	4.9	20.7
8 19	21 5.54	−28 53.8	1.567	2.543	7.7	20.9
8 29	20 56.73	−29 14.2	1.615	2.543	11.3	21.1
9 8	20 50.19	−29 15.0	1.686	2.542	14.7	21.3

509745 2008 TW_{60} 8 8.9 237°.43 12°.2/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 55.82	−47 37.9	1.891	2.695	15.8	21.1
7 10	21 50.36	−49 3.5	1.835	2.692	14.1	21.0
7 20	21 41.21	−50 16.2	1.799	2.689	12.8	20.9
7 30	21 29.13	−51 5.2	1.784	2.685	12.2	20.8
8 9	21 15.56	−51 22.0	1.791	2.682	12.7	20.9
8 19	21 2.27	−51 3.0	1.820	2.678	14.0	20.9
8 29	20 51.00	−50 9.9	1.870	2.675	15.7	21.1
9 8	20 42.95	−48 48.8	1.938	2.671	17.5	21.2

110400 2001 TW_{10} 8 8.9 326°.35 4°.4/11.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 38.34	− 4 57.9	1.470	2.284	19.1	19.3
7 10	21 36.08	− 4 38.5	1.384	2.275	15.9	19.1
7 20	21 31.17	− 4 38.2	1.317	2.266	12.0	18.8
7 30	21 24.06	− 4 57.6	1.270	2.258	7.8	18.5
8 9	21 15.63	− 5 34.7	1.245	2.250	4.6	18.3
8 19	21 7.01	− 6 24.9	1.246	2.243	5.9	18.4
8 29	20 59.48	− 7 21.7	1.270	2.236	10.0	18.6
9 8	20 54.10	− 8 18.1	1.317	2.230	14.2	18.8

255399 2005 WF_{185} 8 8.9 224°.93 4°.2/13.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 37.47	+ 1 34.7	2.971	3.702	12.2	21.9
7 10	21 33.85	+ 1 35.0	2.863	3.692	10.4	21.8
7 20	21 28.77	+ 1 21.4	2.775	3.681	8.2	21.6
7 30	21 22.55	+ 0 53.8	2.711	3.670	6.0	21.5
8 9	21 15.65	+ 0 13.1	2.673	3.658	4.4	21.3
8 19	21 8.64	− 0 38.3	2.665	3.646	4.5	21.3
8 29	21 2.11	− 1 37.2	2.684	3.634	6.3	21.4
9 8	20 56.63	− 2 39.4	2.731	3.621	8.6	21.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
383464 2006 YH_{18}			8 8.9 301.°93	7.°2/10.2 18		
	h m	° ′			°	m
6 30	21 51.26	− 6 50.0	1.490	2.286	19.8	20.4
7 10	21 46.90	− 5 2.9	1.375	2.251	16.9	20.0
7 20	21 39.23	− 3 19.4	1.277	2.216	13.3	19.7
7 30	21 28.50	− 1 43.2	1.202	2.181	9.6	19.4
8 9	21 15.58	− 0 18.5	1.152	2.146	7.3	19.2
8 19	21 1.78	+ 0 51.0	1.127	2.110	8.9	19.2
8 29	20 48.83	+ 1 43.3	1.127	2.075	13.0	19.3
9 8	20 38.31	+ 2 19.9	1.150	2.041	17.7	19.5
233308 2006 BP_{78}			8 8.9 194.°10	0.°6/ 8.4 18		
6 30	21 40.91	−13 3.5	2.139	2.949	14.0	20.7
7 10	21 37.21	−13 57.4	2.050	2.948	11.1	20.5
7 20	21 31.44	−15 4.0	1.983	2.946	7.7	20.3
7 30	21 24.02	−16 19.4	1.941	2.943	3.9	20.0
8 9	21 15.64	−17 37.9	1.927	2.940	0.6	19.8
8 19	21 7.14	−18 53.6	1.941	2.937	4.4	20.1
8 29	20 59.43	−20 1.0	1.983	2.933	8.2	20.3
9 8	20 53.32	−20 56.5	2.051	2.928	11.6	20.5
481382 2006 PM_{19}			8 8.9 338.°59	0.°8/ 9.4 18		
6 30	21 35.32	−12 37.6	1.420	2.267	18.0	20.4
7 10	21 33.87	−12 39.2	1.333	2.250	14.5	20.1
7 20	21 29.74	−12 55.0	1.264	2.234	10.3	19.8
7 30	21 23.37	−13 23.0	1.217	2.219	5.5	19.5
8 9	21 15.64	−13 58.8	1.192	2.206	0.9	19.1
8 19	21 7.70	−14 37.0	1.192	2.194	5.2	19.4
8 29	21 0.87	−15 11.5	1.216	2.183	10.3	19.7
9 8	20 56.24	−15 37.8	1.260	2.173	14.8	19.9
448054 2008 FZ_{83}			8 8.9 13.°66	5.°2/ 5.0 18		
6 30	21 40.92	−27 32.1	1.893	2.737	14.3	20.7
7 10	21 37.58	−28 24.8	1.825	2.740	11.4	20.5
7 20	21 31.84	−29 18.8	1.778	2.743	8.3	20.3
7 30	21 24.23	−30 7.7	1.755	2.746	5.7	20.2
8 9	21 15.65	−30 45.0	1.757	2.750	5.4	20.2
8 19	21 7.12	−31 6.2	1.786	2.754	7.6	20.3
8 29	20 59.73	−31 9.0	1.839	2.758	10.7	20.5
9 8	20 54.33	−30 54.1	1.914	2.763	13.5	20.7
248562 2005 YZ_{208}			8 8.9 189.°15	2.°6/11.7 18		
6 30	21 37.57	− 3 58.7	3.085	3.843	11.3	21.7
7 10	21 33.80	− 4 7.8	2.986	3.842	9.3	21.5
7 20	21 28.66	− 4 28.0	2.909	3.841	7.0	21.4
7 30	21 22.46	− 4 58.6	2.858	3.839	4.5	21.2
8 9	21 15.68	− 5 37.7	2.834	3.836	2.7	21.1
8 19	21 8.83	− 6 22.9	2.840	3.833	3.3	21.1
8 29	21 2.49	− 7 11.0	2.875	3.830	5.6	21.3
9 8	20 57.17	− 7 58.8	2.936	3.827	8.1	21.4
151388 2002 EY_{69}			8 8.9 161.°18	1.°3/10.1 18		
6 30	21 38.90	− 9 28.9	2.582	3.373	12.4	20.9
7 10	21 35.13	− 9 42.6	2.494	3.376	10.0	20.8
7 20	21 29.71	−10 6.5	2.427	3.379	7.1	20.6
7 30	21 23.04	−10 39.0	2.386	3.382	4.0	20.4
8 9	21 15.68	−11 17.3	2.373	3.384	1.4	20.2
8 19	21 8.29	−11 58.0	2.388	3.386	3.3	20.4
8 29	21 1.56	−12 37.9	2.431	3.388	6.4	20.6
9 8	20 56.11	−13 13.9	2.501	3.390	9.3	20.8
394531 2007 TJ_{413}			8 8.9 268.°26	7.°6/ 2.1 18		
6 30	21 45.66	−34 28.1	2.124	2.955	13.4	21.5
7 10	21 41.60	−35 48.9	2.036	2.934	11.2	21.3
7 20	21 34.88	−37 9.0	1.969	2.913	9.0	21.1
7 30	21 25.95	−38 20.1	1.926	2.891	7.7	21.0
8 9	21 15.65	−39 14.2	1.910	2.869	8.1	21.0
8 19	21 5.09	−39 45.7	1.919	2.846	9.9	21.0
8 29	20 55.53	−39 51.8	1.952	2.824	12.5	21.1
9 8	20 48.05	−39 33.9	2.006	2.801	15.0	21.3
110901 2001 UB_{120}			8 8.9 34.°85	1.°4/ 7.9 18		
6 30	21 39.72	−16 56.1	1.882	2.713	14.9	19.8
7 10	21 36.47	−17 29.4	1.807	2.717	11.7	19.6
7 20	21 31.00	−18 11.7	1.753	2.722	8.0	19.4
7 30	21 23.80	−18 58.8	1.724	2.727	4.0	19.1
8 9	21 15.68	−19 45.6	1.720	2.733	1.4	19.0
8 19	21 7.57	−20 26.8	1.744	2.738	4.9	19.2
8 29	21 0.47	−20 58.5	1.793	2.744	8.8	19.5
9 8	20 55.17	−21 18.4	1.867	2.750	12.3	19.7
91690 1999 TV_{127}			8 8.9 7.°84	0.°4/ 9.2 18		
6 30	21 37.53	−13 5.3	1.759	2.589	15.8	19.3
7 10	21 34.89	−13 17.9	1.682	2.590	12.6	19.0
7 20	21 29.98	−13 42.2	1.626	2.592	8.8	18.8
7 30	21 23.31	−14 15.5	1.592	2.595	4.6	18.6
8 9	21 15.69	−14 53.4	1.584	2.598	0.4	18.3
8 19	21 8.06	−15 31.1	1.602	2.602	4.4	18.6
8 29	21 1.44	−16 4.2	1.646	2.606	8.6	18.9
9 8	20 56.65	−16 29.3	1.713	2.612	12.3	19.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
113710 2002 TH_{132}			8 8.9 56.°00	4.°6/12.3 18		
	h m	° ′			°	m
6 30	21 39.75	− 2 29.3	1.753	2.540	17.6	19.2
7 10	21 36.46	− 2 16.8	1.685	2.556	14.5	19.0
7 20	21 30.94	− 2 23.0	1.636	2.572	11.1	18.8
7 30	21 23.75	− 2 47.6	1.608	2.588	7.5	18.6
8 9	21 15.69	− 3 28.1	1.605	2.605	4.8	18.5
8 19	21 7.72	− 4 20.1	1.629	2.622	5.4	18.6
8 29	21 0.80	− 5 17.9	1.678	2.639	8.5	18.8
9 8	20 55.70	− 6 15.6	1.751	2.656	11.8	19.1
281391 2008 QW_{17}			8 8.9 131.°85	7.°7/15.4 18		
6 30	21 39.35	+ 6 31.7	1.886	2.620	18.2	20.9
7 10	21 36.16	+ 6 55.3	1.803	2.625	15.8	20.7
7 20	21 30.80	+ 6 56.1	1.736	2.628	13.1	20.6
7 30	21 23.74	+ 6 31.5	1.690	2.632	10.3	20.4
8 9	21 15.70	+ 5 42.1	1.667	2.636	8.1	20.3
8 19	21 7.58	+ 4 31.2	1.669	2.639	7.8	20.3
8 29	21 0.35	+ 3 4.8	1.696	2.643	9.5	20.4
9 8	20 54.84	+ 1 30.9	1.748	2.646	12.2	20.6
261619 2005 YO_{14}			8 8.9 285.°28	0.°7/ 8.3 18		
6 30	21 38.68	−15 33.3	2.298	3.116	13.0	21.2
7 10	21 35.39	−16 0.0	2.198	3.100	10.3	21.0
7 20	21 30.17	−16 35.6	2.119	3.084	7.1	20.8
7 30	21 23.39	−17 16.9	2.066	3.068	3.6	20.6
8 9	21 15.70	−18 0.2	2.039	3.053	0.7	20.3
8 19	21 7.85	−18 41.1	2.041	3.037	4.1	20.5
8 29	21 0.69	−19 15.8	2.070	3.021	7.8	20.7
9 8	20 54.98	−19 41.6	2.123	3.005	11.1	20.9
68392 2001 QW_{57}			8 8.9 309.°35	0.°9/ 8.2 18		
6 30	21 39.38	−15 33.3	1.923	2.750	14.8	19.1
7 10	21 36.26	−16 3.7	1.837	2.744	11.7	18.9
7 20	21 30.93	−16 44.4	1.771	2.739	8.1	18.7
7 30	21 23.82	−17 31.8	1.730	2.733	4.1	18.4
8 9	21 15.70	−18 20.8	1.714	2.727	0.9	18.2
8 19	21 7.49	−19 6.4	1.726	2.722	4.7	18.5
8 29	21 0.18	−19 43.9	1.764	2.717	8.7	18.7
9 8	20 54.62	−20 10.5	1.826	2.712	12.4	18.9
224036 2005 MS			8 8.9 8.°01	1.°8/ 9.8 17		
6 30	21 37.60	−11 35.1	1.128	1.986	21.0	19.9
7 10	21 36.11	−11 21.2	1.065	1.986	17.0	19.6
7 20	21 31.46	−11 24.1	1.017	1.988	12.1	19.4
7 30	21 24.27	−11 41.9	0.990	1.992	6.7	19.1
8 9	21 15.70	−12 10.1	0.984	1.996	1.9	18.8
8 19	21 7.18	−12 42.6	1.000	2.002	5.7	19.1
8 29	21 0.21	−13 13.0	1.039	2.010	11.1	19.4
9 8	20 55.90	−13 36.3	1.098	2.018	15.8	19.7
255507 2006 BC_{74}			8 8.9 200.°34	1.°6/ 7.3 18		
6 30	21 39.41	−19 8.4	2.674	3.490	11.4	20.9
7 10	21 35.57	−19 42.3	2.586	3.488	8.9	20.7
7 20	21 30.05	−20 21.6	2.521	3.486	6.1	20.5
7 30	21 23.24	−21 2.9	2.482	3.484	3.2	20.3
8 9	21 15.72	−21 42.4	2.471	3.481	1.7	20.2
8 19	21 8.15	−22 16.6	2.489	3.478	4.2	20.4
8 29	21 1.25	−22 42.7	2.535	3.475	7.1	20.5
9 8	20 55.64	−22 59.2	2.606	3.472	9.8	20.7
350356 2012 UK_{124}			8 8.9 280.°76	2.°0/10.2 18		
6 30	21 41.10	− 9 41.2	1.881	2.688	15.8	20.9
7 10	21 37.63	− 9 34.8	1.790	2.681	12.8	20.7
7 20	21 31.88	− 9 40.8	1.719	2.675	9.3	20.4
7 30	21 24.32	− 9 58.1	1.672	2.668	5.3	20.2
8 9	21 15.71	−10 23.9	1.651	2.661	2.1	20.0
8 19	21 6.98	−10 54.4	1.656	2.655	4.4	20.1
8 29	20 59.16	−11 25.6	1.687	2.648	8.4	20.3
9 8	20 53.12	−11 53.3	1.743	2.642	12.2	20.5
100861 1998 HX_{53}			8 8.9 137.°41	3.°9/12.6 18		
6 30	21 37.80	− 1 20.6	2.316	3.080	14.4	19.9
7 10	21 34.49	− 1 24.6	2.227	3.083	12.0	19.7
7 20	21 29.40	− 1 44.5	2.159	3.086	9.3	19.5
7 30	21 22.95	− 2 20.2	2.113	3.088	6.3	19.4
8 9	21 15.73	− 3 9.5	2.094	3.091	4.1	19.2
8 19	21 8.47	− 4 8.8	2.103	3.094	4.6	19.3
8 29	21 1.91	− 5 13.5	2.138	3.096	7.1	19.4
9 8	20 56.72	− 6 18.4	2.200	3.099	10.0	19.6
207292 2005 GJ_{28}			8 8.9 170.°34	2.°1/ 7.3 18		
6 30	21 43.20	−20 3.9	2.192	3.013	13.4	21.0
7 10	21 38.93	−20 34.7	2.110	3.015	10.5	20.8
7 20	21 32.56	−21 11.0	2.051	3.017	7.3	20.6
7 30	21 24.58	−21 48.8	2.017	3.019	3.8	20.4
8 9	21 15.72	−22 23.3	2.011	3.020	2.2	20.3
8 19	21 6.86	−22 50.4	2.032	3.021	5.0	20.5
8 29	20 58.91	−23 7.4	2.081	3.022	8.4	20.7
9 8	20 52.63	−23 13.0	2.154	3.022	11.5	20.9

485338 2011 BS_{134} 8 8.9 290.°56 2.°3/10.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 44.19	−10 29.0	2.401	3.188	13.4	21.5
7 10	21 39.49	− 9 50.7	2.299	3.177	10.9	21.3
7 20	21 32.87	− 9 19.4	2.218	3.166	7.9	21.1
7 30	21 24.73	− 8 54.7	2.162	3.154	4.8	20.9
8 9	21 15.72	− 8 35.8	2.135	3.143	2.3	20.7
8 19	21 6.60	− 8 21.6	2.135	3.132	4.0	20.8
8 29	20 58.22	− 8 10.4	2.165	3.120	7.2	21.0
9 8	20 51.30	− 8 0.5	2.220	3.109	10.4	21.2

476987 2008 YF_{81} 8 8.9 271.°00 6.°5/12.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 46.56	− 1 50.5	1.956	2.717	16.8	20.5
7 10	21 41.85	− 0 33.5	1.861	2.709	14.3	20.3
7 20	21 34.79	+ 0 31.5	1.784	2.702	11.4	20.1
7 30	21 25.82	+ 1 21.9	1.731	2.694	8.5	19.9
8 9	21 15.71	+ 1 56.0	1.703	2.686	6.6	19.8
8 19	21 5.42	+ 2 13.7	1.702	2.679	7.1	19.8
8 29	20 56.02	+ 2 16.9	1.728	2.671	9.6	20.0
9 8	20 48.42	+ 2 9.2	1.777	2.663	12.7	20.1

13176 Kobedaitenken 8 8.9 106.°70 7.°4/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 44.85	−38 16.4	2.522	3.342	11.9	17.4
7 10	21 40.27	−39 34.3	2.468	3.354	10.0	17.3
7 20	21 33.48	−40 46.5	2.438	3.366	8.3	17.2
7 30	21 25.02	−41 46.3	2.432	3.377	7.4	17.2
8 9	21 15.71	−42 28.3	2.452	3.389	7.7	17.2
8 19	21 6.50	−42 49.3	2.498	3.400	9.0	17.4
8 29	20 58.33	−42 48.5	2.567	3.411	10.7	17.5
9 8	20 51.98	−42 28.0	2.658	3.422	12.5	17.6

318360 2004 TL_{354} 8 8.9 230.°34 3.°6/11.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 43.10	− 5 39.8	1.636	2.435	18.1	21.8
7 10	21 39.64	− 5 34.1	1.545	2.427	15.0	21.6
7 20	21 33.56	− 5 46.3	1.472	2.419	11.2	21.4
7 30	21 25.30	− 6 16.3	1.421	2.410	7.0	21.1
8 9	21 15.73	− 7 1.2	1.394	2.401	3.7	20.9
8 19	21 5.92	− 7 56.4	1.394	2.392	5.3	21.0
8 29	20 57.13	− 8 55.5	1.419	2.382	9.6	21.2
9 8	20 50.41	− 9 52.2	1.468	2.371	13.7	21.4

247450 2002 GW_{36} 8 8.9 46.°65 8.°5/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 47.62	−33 56.4	1.515	2.364	17.0	19.8
7 10	21 43.54	−35 3.0	1.467	2.377	13.9	19.6
7 20	21 36.25	−36 4.9	1.437	2.391	10.9	19.5
7 30	21 26.55	−36 52.3	1.430	2.405	8.8	19.4
8 9	21 15.72	−37 17.0	1.447	2.419	8.8	19.4
8 19	21 5.24	−37 14.9	1.487	2.434	10.8	19.6
8 29	20 56.55	−36 46.2	1.550	2.449	13.6	19.8
9 8	20 50.61	−35 55.2	1.633	2.464	16.3	20.0

66009 1998 QZ_8 8 8.9 46.°42 1.°1/ 8.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 45.20	−18 29.6	1.776	2.604	15.8	18.1
7 10	21 40.93	−18 30.2	1.699	2.606	12.5	17.9
7 20	21 34.16	−18 37.0	1.642	2.609	8.6	17.7
7 30	21 25.45	−18 46.6	1.609	2.612	4.4	17.4
8 9	21 15.73	−18 54.7	1.603	2.616	1.2	17.2
8 19	21 6.08	−18 57.8	1.623	2.619	5.0	17.5
8 29	20 57.61	−18 53.6	1.669	2.622	9.2	17.7
9 8	20 51.20	−18 41.0	1.740	2.626	12.9	18.0

136632 1994 SG_5 8 8.9 93.°86 1.°9/ 7.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 46.29	−18 14.8	1.639	2.470	16.8	20.3
7 10	21 41.86	−18 47.1	1.578	2.487	13.2	20.1
7 20	21 34.80	−19 28.0	1.536	2.505	9.0	19.9
7 30	21 25.75	−20 12.0	1.519	2.522	4.6	19.7
8 9	21 15.73	−20 52.9	1.527	2.539	2.0	19.6
8 19	21 5.90	−21 25.4	1.562	2.555	5.6	19.9
8 29	20 57.44	−21 46.0	1.623	2.572	9.8	20.1
9 8	20 51.21	−21 53.5	1.707	2.587	13.4	20.4

19439 Allisontjong 8 8.9 110.°77 4.°3/ 5.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 44.05	−24 11.4	1.797	2.636	15.2	18.5
7 10	21 40.14	−25 7.0	1.728	2.642	12.0	18.3
7 20	21 33.68	−26 7.1	1.680	2.647	8.5	18.1
7 30	21 25.24	−27 5.0	1.656	2.653	5.3	17.9
8 9	21 15.73	−27 53.6	1.659	2.658	4.6	17.9
8 19	21 6.28	−28 27.4	1.687	2.664	7.2	18.1
8 29	20 58.03	−28 43.5	1.741	2.669	10.6	18.3
9 8	20 51.89	−28 41.8	1.817	2.674	13.8	18.5

256525 2007 EX_{213} 8 8.9 225.°78 3.°5/12.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 37.22	− 2 14.3	2.508	3.271	13.5	21.0
7 10	21 33.93	− 2 18.7	2.411	3.268	11.2	20.9
7 20	21 28.98	− 2 37.6	2.335	3.264	8.6	20.7
7 30	21 22.74	− 3 10.5	2.283	3.261	5.8	20.5
8 9	21 15.76	− 3 55.5	2.258	3.257	3.7	20.4
8 19	21 8.70	− 4 49.6	2.260	3.253	4.2	20.4
8 29	21 2.25	− 5 48.5	2.291	3.248	6.7	20.6
9 8	20 57.05	− 6 47.9	2.347	3.244	9.5	20.7

133126 2003 PJ_3 8 8.9 281.°58 1.°1/ 9.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 38.02	− 8 4.8	1.864	2.672	15.9	19.8
7 10	21 35.40	− 8 50.8	1.762	2.655	12.9	19.5
7 20	21 30.51	− 9 55.7	1.680	2.638	9.3	19.2
7 30	21 23.73	−11 17.3	1.622	2.621	5.1	19.0
8 9	21 15.76	−12 50.3	1.590	2.603	1.2	18.7
8 19	21 7.49	−14 27.6	1.586	2.586	4.4	18.9
8 29	20 59.98	−16 1.5	1.609	2.569	8.9	19.1
9 8	20 54.20	−17 25.2	1.656	2.551	12.9	19.3

226399 2003 QH_{21} 8 8.9 319.°28 0.°5/ 8.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 36.96	−14 31.5	2.152	2.974	13.6	19.8
7 10	21 34.14	−15 3.0	2.059	2.963	10.8	19.6
7 20	21 29.36	−15 44.8	1.987	2.953	7.5	19.4
7 30	21 23.02	−16 33.8	1.940	2.943	3.8	19.1
8 9	21 15.77	−17 25.5	1.920	2.933	0.5	18.9
8 19	21 8.39	−18 15.2	1.927	2.924	4.2	19.1
8 29	21 1.76	−18 58.7	1.960	2.914	8.0	19.3
9 8	20 56.64	−19 32.7	2.019	2.906	11.3	19.5

438864 2009 FY_{63} 8 8.9 13.°46 8.°5/16.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 34.91	+ 8 33.4	1.783	2.520	19.0	20.3
7 10	21 32.80	+ 8 58.5	1.704	2.523	16.7	20.2
7 20	21 28.56	+ 8 58.1	1.640	2.526	14.0	20.0
7 30	21 22.64	+ 8 29.5	1.595	2.530	11.3	19.8
8 9	21 15.77	+ 7 32.8	1.572	2.535	9.1	19.7
8 19	21 8.84	+ 6 11.7	1.574	2.540	8.6	19.7
8 29	21 2.80	+ 4 32.8	1.599	2.546	10.0	19.8
9 8	20 58.46	+ 2 45.1	1.649	2.553	12.4	20.0

360682 2004 RT_{274} 8 8.9 354.°91 5.°6/ 6.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 52.95	−32 18.3	1.855	2.681	15.3	19.9
7 10	21 47.09	−32 14.6	1.777	2.678	12.4	19.7
7 20	21 38.40	−32 5.1	1.720	2.675	9.3	19.5
7 30	21 27.57	−31 43.9	1.687	2.673	6.5	19.4
8 9	21 15.73	−31 6.2	1.680	2.672	5.7	19.3
8 19	21 4.18	−30 10.6	1.701	2.671	7.7	19.4
8 29	20 54.16	−28 58.3	1.747	2.671	10.9	19.6
9 8	20 46.60	−27 33.5	1.818	2.671	14.0	19.8

235757 2004 VN_2 8 8.9 263.°30 1.°1/ 9.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 41.44	−11 7.3	1.916	2.727	15.4	21.5
7 10	21 37.98	−11 16.5	1.818	2.712	12.5	21.3
7 20	21 32.22	−11 38.3	1.739	2.698	8.9	21.1
7 30	21 24.57	−12 10.7	1.684	2.683	4.9	20.8
8 9	21 15.76	−12 50.3	1.656	2.669	1.1	20.5
8 19	21 6.74	−13 32.5	1.654	2.654	4.3	20.7
8 29	20 58.56	−14 12.5	1.679	2.638	8.6	20.9
9 8	20 52.14	−14 46.4	1.728	2.623	12.5	21.1

381783 2009 TS_2 8 8.9 319.°41 4.°2/ 6.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 36.02	−20 0.2	1.211	2.084	18.9	20.1
7 10	21 35.47	−20 51.1	1.111	2.046	15.3	19.7
7 20	21 31.65	−21 57.9	1.029	2.008	10.8	19.4
7 30	21 24.79	−23 14.5	0.967	1.972	6.1	19.0
8 9	21 15.75	−24 31.0	0.927	1.935	4.5	18.8
8 19	21 5.94	−25 36.2	0.909	1.900	9.0	18.9
8 29	20 57.22	−26 20.5	0.912	1.866	14.6	19.1
9 8	20 51.27	−26 39.3	0.934	1.833	20.0	19.3

92114 1999 XP_{73} 8 8.9 219.°48 0.°2/ 9.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 39.13	−13 17.0	2.713	3.513	11.7	20.0
7 10	21 35.32	−13 34.5	2.616	3.507	9.3	19.8
7 20	21 29.89	−14 0.0	2.542	3.501	6.5	19.6
7 30	21 23.19	−14 31.2	2.494	3.495	3.4	19.4
8 9	21 15.78	−15 5.4	2.475	3.488	0.2	19.1
8 19	21 8.30	−15 39.4	2.483	3.481	3.3	19.4
8 29	21 1.43	−16 10.2	2.521	3.474	6.5	19.6
9 8	20 55.78	−16 35.3	2.584	3.467	9.3	19.8

96254 Hoyo 8 8.9 135.°40 0.°2/ 9.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 44.42	−12 17.4	1.635	2.454	17.3	20.2
7 10	21 40.51	−12 47.9	1.562	2.463	13.8	20.0
7 20	21 33.99	−13 32.8	1.508	2.471	9.6	19.8
7 30	21 25.43	−14 28.3	1.477	2.479	4.9	19.5
8 9	21 15.76	−15 28.4	1.473	2.487	0.2	19.2
8 19	21 6.11	−16 26.7	1.495	2.494	4.9	19.6
8 29	20 57.65	−17 17.4	1.543	2.500	9.4	19.9
9 8	20 51.34	−17 56.8	1.615	2.506	13.4	20.1

250698 2005 QZ_{170} 8 8.9 210.°61 2.°2/10.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 40.42	− 8 35.2	2.231	3.024	14.1	20.4
7 10	21 36.64	− 8 26.5	2.142	3.023	11.4	20.3
7 20	21 30.95	− 8 28.8	2.074	3.023	8.3	20.1
7 30	21 23.78	− 8 41.3	2.030	3.022	5.0	19.9
8 9	21 15.79	− 9 1.7	2.012	3.021	2.3	19.7
8 19	21 7.75	− 9 27.1	2.023	3.020	3.9	19.8
8 29	21 0.48	− 9 54.2	2.060	3.020	7.3	20.0
9 8	20 54.71	−10 19.6	2.123	3.019	10.5	20.2

129095 Martyschmitzer 8 8.9 110.°76 2.°8/10.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 45.71	− 9 20.2	1.881	2.678	16.2	19.3
7 10	21 41.09	− 8 48.7	1.801	2.684	13.2	19.1
7 20	21 34.16	− 8 28.0	1.741	2.691	9.6	18.9
7 30	21 25.44	− 8 17.8	1.705	2.697	5.8	18.7
8 9	21 15.78	− 8 16.4	1.695	2.704	2.8	18.5
8 19	21 6.15	− 8 21.3	1.713	2.710	4.6	18.6
8 29	20 57.58	− 8 29.7	1.757	2.716	8.3	18.9
9 8	20 50.90	− 8 38.3	1.826	2.721	11.9	19.1

429394 2010 RJ_{47} 8 8.9 295.°51 1.°5/ 9.7 17

6 30	21 40.87	−11 12.4	1.390	2.225	19.0	22.2
7 10	21 38.58	−11 12.3	1.293	2.202	15.5	21.9
7 20	21 33.30	−11 28.4	1.214	2.179	11.2	21.6
7 30	21 25.40	−11 59.4	1.156	2.156	6.2	21.3
8 9	21 15.77	−12 41.0	1.121	2.134	1.5	20.9
8 19	21 5.68	−13 27.4	1.110	2.111	5.6	21.1
8 29	20 56.65	−14 11.7	1.123	2.089	11.1	21.3
9 8	20 50.02	−14 48.4	1.158	2.067	16.1	21.6

479847 2014 GT_{18} 8 8.9 79.°16 2.°1/ 7.1 18

6 30	21 39.97	−17 33.0	1.995	2.824	14.3	20.7
7 10	21 36.55	−18 34.2	1.926	2.835	11.2	20.5
7 20	21 31.01	−19 44.7	1.879	2.847	7.6	20.3
7 30	21 23.83	−20 59.0	1.856	2.859	3.9	20.1
8 9	21 15.79	−22 10.9	1.861	2.871	2.2	20.0
8 19	21 7.77	−23 14.5	1.893	2.883	5.3	20.2
8 29	21 0.72	−24 5.3	1.952	2.894	8.8	20.5
9 8	20 55.38	−24 41.1	2.035	2.906	12.0	20.7

444343 2005 WG_{124} 8 8.9 218.°90 0.°7/ 9.5 18

6 30	21 39.46	−11 49.3	2.493	3.293	12.6	22.1
7 10	21 35.72	−12 2.3	2.399	3.289	10.1	21.9
7 20	21 30.24	−12 24.6	2.327	3.284	7.1	21.7
7 30	21 23.40	−12 54.2	2.281	3.280	3.8	21.5
8 9	21 15.80	−13 28.2	2.262	3.275	0.7	21.3
8 19	21 8.13	−14 3.2	2.271	3.270	3.4	21.5
8 29	21 1.13	−14 36.0	2.309	3.265	6.8	21.7
9 8	20 55.46	−15 3.8	2.372	3.260	9.8	21.9

311403 2005 UC_{9} 8 8.9 302.°31 6.°5/ 3.6 18

6 30	21 43.25	−32 13.7	2.093	2.929	13.4	20.5
7 10	21 39.44	−33 14.7	2.016	2.922	10.9	20.3
7 20	21 33.20	−34 14.3	1.961	2.914	8.5	20.2
7 30	21 25.03	−35 5.7	1.930	2.906	6.7	20.1
8 9	21 15.79	−35 42.3	1.925	2.899	6.8	20.0
8 19	21 6.51	−35 59.5	1.945	2.892	8.7	20.1
8 29	20 58.30	−35 55.5	1.990	2.885	11.2	20.3
9 8	20 52.05	−35 31.6	2.057	2.878	13.8	20.5

310549 2001 EF_{17} 8 8.9 167.°33 7.°5/30.3 18

6 30	21 48.02	−45 25.9	3.288	4.076	10.1	21.8
7 10	21 42.49	−46 39.0	3.232	4.081	8.8	21.7
7 20	21 34.91	−47 44.3	3.198	4.085	7.9	21.6
7 30	21 25.77	−48 36.1	3.190	4.089	7.5	21.6
8 9	21 15.79	−49 10.1	3.207	4.093	7.8	21.6
8 19	21 5.83	−49 23.9	3.250	4.096	8.7	21.7
8 29	20 56.78	−49 17.2	3.316	4.098	9.9	21.8
9 8	20 49.39	−48 52.0	3.402	4.100	11.2	21.9

485199 2010 TV_{184} 8 8.9 261.°35 2.°4/ 6.8 18

6 30	21 41.66	−21 53.1	2.590	3.409	11.6	22.0
7 10	21 37.59	−22 25.8	2.486	3.389	9.2	21.8
7 20	21 31.64	−23 2.9	2.405	3.369	6.4	21.6
7 30	21 24.17	−23 40.6	2.349	3.349	3.6	21.4
8 9	21 15.80	−24 14.7	2.322	3.328	2.5	21.3
8 19	21 7.27	−24 41.4	2.323	3.307	4.9	21.4
8 29	20 59.39	−24 57.9	2.352	3.286	7.9	21.6
9 8	20 52.90	−25 3.2	2.406	3.265	10.8	21.8

48054 2001 EM 8 8.9 106.°77 1.°6/10.1 18

6 30	21 41.83	− 8 22.1	1.596	2.409	17.9	19.2
7 10	21 38.50	− 8 49.4	1.523	2.418	14.4	18.9
7 20	21 32.63	− 9 34.8	1.469	2.427	10.3	18.7
7 30	21 24.76	−10 35.4	1.438	2.435	5.7	18.5
8 9	21 15.80	−11 45.7	1.432	2.444	1.7	18.2
8 19	21 6.84	−12 58.8	1.452	2.452	4.7	18.5
8 29	20 59.04	−14 7.8	1.498	2.460	9.2	18.7
9 8	20 53.33	−15 7.2	1.568	2.468	13.2	19.0

352221 2007 TC_{34} 8 8.9 280.°01 7.°7/ 2.9 18

6 30	21 46.29	−34 25.3	1.973	2.806	14.2	20.8
7 10	21 42.24	−35 33.2	1.887	2.788	11.8	20.6
7 20	21 35.41	−36 39.2	1.823	2.770	9.4	20.4
7 30	21 26.28	−37 35.1	1.783	2.752	7.9	20.3
8 9	21 15.79	−38 13.0	1.768	2.733	8.1	20.3
8 19	21 5.13	−38 27.5	1.779	2.715	10.0	20.4
8 29	20 55.64	−38 16.5	1.812	2.696	12.7	20.5
9 8	20 48.39	−37 42.2	1.867	2.678	15.4	20.6

220777 2004 TU_{137} 8 8.9 260.°60 3.°8/12.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 38.15	− 2 47.6	2.460	3.226	13.6	20.0
7 10	21 34.71	− 2 34.0	2.363	3.221	11.4	19.8
7 20	21 29.56	− 2 33.7	2.287	3.216	8.7	19.6
7 30	21 23.08	− 2 46.6	2.234	3.210	6.0	19.4
8 9	21 15.83	− 3 11.6	2.208	3.205	4.0	19.3
8 19	21 8.48	− 3 46.1	2.209	3.199	4.5	19.3
8 29	21 1.78	− 4 26.8	2.238	3.194	7.0	19.5
9 8	20 56.35	− 5 9.7	2.292	3.188	9.8	19.7

508544 2016 TH_{12} 8 8.9 39.°41 4.°4/11.7 18

6 30	21 41.51	− 4 42.5	1.827	2.616	16.8	20.0
7 10	21 37.90	− 4 9.0	1.747	2.620	14.0	19.8
7 20	21 32.03	− 3 50.3	1.686	2.625	10.6	19.6
7 30	21 24.41	− 3 46.9	1.647	2.629	7.1	19.4
8 9	21 15.82	− 3 57.6	1.633	2.634	4.6	19.3
8 19	21 7.22	− 4 19.6	1.646	2.639	5.4	19.3
8 29	20 59.60	− 4 48.9	1.684	2.644	8.6	19.5
9 8	20 53.79	− 5 20.9	1.747	2.649	12.0	19.8

135869 2002 TP_{25} 8 8.9 311.°17 0.°8/ 9.5 18

6 30	21 38.37	−10 58.7	1.847	2.665	15.6	20.0
7 10	21 35.58	−11 21.3	1.757	2.657	12.6	19.8
7 20	21 30.56	−11 58.0	1.688	2.650	8.9	19.6
7 30	21 23.72	−12 46.2	1.642	2.642	4.8	19.3
8 9	21 15.83	−13 41.5	1.621	2.635	0.8	19.0
8 19	21 7.79	−14 38.6	1.628	2.628	4.3	19.2
8 29	21 0.65	−15 31.9	1.660	2.621	8.6	19.5
9 8	20 55.25	−16 16.9	1.717	2.614	12.4	19.7

378190 2006 XO_{33} 8 8.9 252.°53 0.°4/ 8.7 17

6 30	21 44.43	−14 58.9	1.831	2.650	15.7	22.5
7 10	21 40.56	−15 16.2	1.732	2.634	12.6	22.2
7 20	21 34.16	−15 44.2	1.653	2.617	8.8	22.0
7 30	21 25.64	−16 19.9	1.598	2.600	4.5	21.7
8 9	21 15.81	−16 58.6	1.569	2.582	0.4	21.3
8 19	21 5.72	−17 35.0	1.567	2.564	4.9	21.6
8 29	20 56.54	−18 4.7	1.591	2.545	9.4	21.9
9 8	20 49.31	−18 24.5	1.640	2.526	13.5	22.1

103809 2000 DB_{19} 8 8.9 157.°02 0.°3/ 8.7 17

6 30	21 43.87	−13 40.7	1.872	2.687	15.6	20.7
7 10	21 39.79	−14 12.5	1.793	2.693	12.4	20.5
7 20	21 33.36	−14 56.0	1.734	2.698	8.6	20.2
7 30	21 25.10	−15 47.7	1.700	2.702	4.4	20.0
8 9	21 15.82	−16 42.2	1.693	2.707	0.3	19.7
8 19	21 6.52	−17 33.9	1.713	2.710	4.6	20.0
8 29	20 58.25	−18 18.1	1.760	2.713	8.7	20.3
9 8	20 51.87	−18 51.7	1.831	2.716	12.4	20.5

41131 1999 VA_{98} 8 8.9 336.°32 1.°6/ 9.9 18

6 30	21 38.30	−10 19.9	1.558	2.386	17.6	19.1
7 10	21 35.94	−10 23.6	1.474	2.378	14.2	18.8
7 20	21 31.03	−10 42.5	1.408	2.371	10.2	18.6
7 30	21 24.04	−11 15.0	1.365	2.364	5.7	18.3
8 9	21 15.83	−11 56.9	1.346	2.358	1.7	18.0
8 19	21 7.49	−12 43.0	1.352	2.353	4.8	18.2
8 29	21 0.21	−13 27.4	1.382	2.347	9.5	18.5
9 8	20 54.99	−14 5.1	1.436	2.343	13.7	18.7

154180 2002 GP_{109} 8 8.9 269.°41 2.°2/ 6.8 18

6 30	21 38.33	−18 42.2	2.315	3.141	12.6	19.9
7 10	21 35.09	−19 39.8	2.231	3.139	9.9	19.7
7 20	21 29.95	−20 45.2	2.169	3.137	6.8	19.5
7 30	21 23.32	−21 54.0	2.133	3.135	3.6	19.3
8 9	21 15.85	−23 0.7	2.125	3.134	2.3	19.2
8 19	21 8.30	−24 0.2	2.145	3.132	5.0	19.4
8 29	21 1.50	−24 48.4	2.192	3.130	8.2	19.6
9 8	20 56.16	−25 23.3	2.264	3.128	11.1	19.7

387616 2002 FS_{23} 8 8.9 62.°18 2.°7/11.4 18

6 30	21 37.49	− 5 17.4	2.286	3.070	14.0	21.2
7 10	21 34.31	− 5 28.5	2.198	3.072	11.5	21.1
7 20	21 29.34	− 5 53.8	2.131	3.073	8.5	20.9
7 30	21 22.98	− 6 32.2	2.087	3.075	5.3	20.7
8 9	21 15.86	− 7 21.0	2.070	3.076	2.8	20.5
8 19	21 8.68	− 8 16.2	2.081	3.078	3.9	20.6
8 29	21 2.21	− 9 13.5	2.119	3.080	7.0	20.8
9 8	20 57.13	−10 8.3	2.183	3.081	10.1	21.0

221012 2005 OH_{18} 8 8.9 8.°30 1.°6/ 9.7 17

6 30	21 42.52	−12 51.2	1.305	2.147	19.6	19.8
7 10	21 39.66	−12 26.6	1.235	2.147	15.8	19.6
7 20	21 33.77	−12 14.6	1.181	2.148	11.3	19.3
7 30	21 25.46	−12 13.6	1.149	2.150	6.2	19.0
8 9	21 15.84	−12 20.1	1.140	2.153	1.7	18.8
8 19	21 6.24	−12 30.0	1.155	2.156	5.4	19.0
8 29	20 58.10	−12 39.2	1.194	2.161	10.5	19.3
9 8	20 52.48	−12 44.1	1.255	2.165	15.0	19.6

448069 2008 GT_{73} 8 8.9 353°.98 6°.0/ 4.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 40.48	−29 3.4	1.915	2.760	14.1	21.1
7 10	21 37.38	−30 11.2	1.844	2.758	11.3	20.9
7 20	21 31.84	−31 20.1	1.794	2.756	8.5	20.8
7 30	21 24.37	−32 23.0	1.769	2.754	6.3	20.6
8 9	21 15.84	−33 12.8	1.769	2.753	6.3	20.6
8 19	21 7.30	−33 44.1	1.795	2.753	8.4	20.7
8 29	20 59.85	−33 54.5	1.844	2.752	11.3	20.9
9 8	20 54.38	−33 44.6	1.916	2.752	14.0	21.1

36419 2000 OF_{59} 8 8.9 226°.71 2°.1/10.2 18

6 30	21 43.65	− 8 45.8	1.628	2.438	17.8	19.5
7 10	21 40.12	− 8 51.6	1.539	2.431	14.5	19.3
7 20	21 33.93	− 9 13.7	1.468	2.424	10.5	19.0
7 30	21 25.55	− 9 50.7	1.420	2.416	6.0	18.7
8 9	21 15.84	−10 38.7	1.396	2.408	2.2	18.5
8 19	21 5.93	−11 32.2	1.399	2.399	4.9	18.6
8 29	20 57.07	−12 25.1	1.428	2.390	9.6	18.9
9 8	20 50.32	−13 11.9	1.480	2.380	13.8	19.1

442647 2012 TP_{120} 8 8.9 161°.88 1°.1/ 9.7 15

6 30	21 42.61	−11 36.0	1.978	2.785	15.1	21.9
7 10	21 38.65	−11 38.9	1.894	2.787	12.1	21.7
7 20	21 32.50	−11 52.8	1.831	2.789	8.6	21.5
7 30	21 24.64	−12 15.6	1.792	2.791	4.7	21.3
8 9	21 15.85	−12 44.1	1.779	2.792	1.1	21.0
8 19	21 7.03	−13 14.4	1.794	2.793	4.1	21.3
8 29	20 59.15	−13 42.5	1.836	2.794	8.0	21.5
9 8	20 53.00	−14 5.4	1.902	2.795	11.6	21.7

102288 1999 TR_{69} 8 8.9 186°.78 1°.5/10.0 18

6 30	21 41.50	− 9 54.0	2.048	2.849	14.9	20.5
7 10	21 37.72	−10 2.7	1.961	2.849	12.0	20.3
7 20	21 31.84	−10 23.7	1.894	2.849	8.6	20.0
7 30	21 24.31	−10 55.2	1.851	2.848	4.8	19.8
8 9	21 15.85	−11 33.8	1.835	2.847	1.5	19.6
8 19	21 7.33	−12 15.5	1.847	2.846	4.0	19.8
8 29	20 59.66	−12 55.8	1.886	2.845	7.8	20.0
9 8	20 53.65	−13 31.2	1.949	2.843	11.3	20.2

116060 2003 WL_{111} 8 8.9 238°.41 1°.0/ 8.2 18

6 30	21 42.40	−16 49.8	2.063	2.883	14.2	20.5
7 10	21 38.53	−17 10.9	1.973	2.876	11.2	20.3
7 20	21 32.46	−17 40.1	1.904	2.869	7.8	20.0
7 30	21 24.66	−18 14.0	1.859	2.862	3.9	19.8
8 9	21 15.86	−18 48.2	1.842	2.855	1.0	19.6
8 19	21 6.96	−19 18.4	1.852	2.848	4.6	19.8
8 29	20 58.94	−19 41.1	1.889	2.840	8.4	20.0
9 8	20 52.63	−19 54.0	1.951	2.832	11.9	20.2

509735 2008 SV_{274} 8 8.9 318°.37 0°.5/ 9.2 18

6 30	21 38.74	−12 9.3	1.566	2.399	17.3	21.6
7 10	21 36.35	−12 28.1	1.479	2.388	13.9	21.3
7 20	21 31.38	−13 2.0	1.411	2.378	9.8	21.1
7 30	21 24.26	−13 48.2	1.365	2.367	5.2	20.8
8 9	21 15.86	−14 41.5	1.344	2.358	0.5	20.4
8 19	21 7.28	−15 35.8	1.348	2.348	5.0	20.7
8 29	20 59.74	−16 24.8	1.377	2.340	9.8	21.0
9 8	20 54.29	−17 3.7	1.429	2.331	14.1	21.2

488301 2016 UB_{56} 8 8.9 234°.28 3°.7/ 5.4 18

6 30	21 41.07	−24 50.9	2.497	3.324	11.8	21.5
7 10	21 37.21	−25 47.7	2.408	3.315	9.3	21.3
7 20	21 31.42	−26 48.0	2.342	3.306	6.7	21.1
7 30	21 24.09	−27 46.9	2.302	3.296	4.3	21.0
8 9	21 15.87	−28 39.1	2.290	3.287	3.9	20.9
8 19	21 7.54	−29 20.2	2.306	3.277	6.0	21.1
8 29	20 59.94	−29 47.2	2.349	3.266	8.7	21.2
9 8	20 53.82	−29 59.2	2.415	3.256	11.4	21.4

33218 1998 FO_{106} 8 8.9 33°.07 2°.8/ 7.1 18

6 30	21 43.95	−22 53.7	1.978	2.809	14.3	17.9
7 10	21 39.75	−23 10.1	1.904	2.813	11.3	17.7
7 20	21 33.25	−23 29.6	1.850	2.817	7.8	17.5
7 30	21 25.01	−23 47.7	1.821	2.822	4.4	17.3
8 9	21 15.87	−23 59.9	1.819	2.826	2.9	17.3
8 19	21 6.82	−24 2.8	1.844	2.831	5.6	17.4
8 29	20 58.86	−23 54.4	1.895	2.836	9.1	17.7
9 8	20 52.79	−23 34.9	1.969	2.841	12.3	17.9

344102 1999 TT_{94} 8 8.9 287°.16 0°.0/ 8.9 18

6 30	21 40.53	−12 31.2	1.909	2.726	15.3	20.6
7 10	21 37.52	−13 2.0	1.795	2.695	12.3	20.4
7 20	21 32.13	−13 47.1	1.701	2.664	8.7	20.1
7 30	21 24.69	−14 44.0	1.631	2.633	4.6	19.8
8 9	21 15.87	−15 47.9	1.587	2.601	0.0	19.3
8 19	21 6.60	−16 53.0	1.571	2.569	4.7	19.6
8 29	20 58.02	−17 53.0	1.581	2.537	9.3	19.8
9 8	20 51.17	−18 43.2	1.614	2.504	13.5	20.0

511299 2014 DL_{70} 8 8.9 198°.81 2°.0/ 7.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 43.06	−19 31.9	2.398	3.213	12.6	22.6
7 10	21 38.72	−20 10.2	2.308	3.210	9.9	22.4
7 20	21 32.43	−20 54.5	2.241	3.206	6.8	22.2
7 30	21 24.59	−21 40.9	2.200	3.202	3.6	22.0
8 9	21 15.87	−22 24.7	2.188	3.197	2.1	21.9
8 19	21 7.08	−23 1.8	2.203	3.191	4.7	22.0
8 29	20 59.07	−23 29.0	2.247	3.185	8.0	22.2
9 8	20 52.58	−23 44.8	2.316	3.179	11.0	22.4

239632 2008 VW_{59} 8 8.9 300°.19 1°.9/10.1 18

6 30	21 39.30	− 9 39.9	1.666	2.485	17.0	21.0
7 10	21 36.78	− 9 42.9	1.563	2.462	13.9	20.7
7 20	21 31.73	−10 1.1	1.479	2.438	10.1	20.4
7 30	21 24.51	−10 33.5	1.417	2.415	5.8	20.1
8 9	21 15.90	−11 16.8	1.380	2.392	1.9	19.8
8 19	21 6.91	−12 6.0	1.368	2.369	4.9	20.0
8 29	20 58.79	−12 55.3	1.382	2.346	9.6	20.2
9 8	20 52.62	−13 39.1	1.418	2.323	14.0	20.4

518258 2016 VR_{19} 8 8.9 254°.49 0°.6/ 8.4 18

6 30	21 40.61	−15 52.6	2.334	3.147	12.9	22.0
7 10	21 36.87	−16 13.3	2.237	3.137	10.3	21.8
7 20	21 31.20	−16 41.8	2.162	3.126	7.1	21.6
7 30	21 24.00	−17 15.4	2.112	3.115	3.6	21.3
8 9	21 15.91	−17 50.2	2.090	3.103	0.6	21.1
8 19	21 7.70	−18 22.5	2.096	3.092	4.0	21.3
8 29	21 0.21	−18 49.0	2.129	3.080	7.6	21.5
9 8	20 54.18	−19 7.2	2.188	3.068	10.8	21.7

420334 2012 BR_{10} 8 8.9 244°.77 0°.2/ 9.1 17

6 30	21 46.06	−14 20.6	1.583	2.407	17.5	21.3
7 10	21 42.18	−14 22.2	1.493	2.397	14.1	21.1
7 20	21 35.47	−14 35.0	1.422	2.387	9.9	20.8
7 30	21 26.39	−14 56.4	1.375	2.377	5.2	20.5
8 9	21 15.90	−15 21.7	1.352	2.366	0.2	20.1
8 19	21 5.20	−15 46.1	1.356	2.355	5.2	20.5
8 29	20 55.66	−16 5.2	1.385	2.343	10.1	20.7
9 8	20 48.40	−16 15.9	1.436	2.331	14.5	20.9

504931 2011 CB_{30} 8 8.9 194°.68 0°.9/ 8.3 17

6 30	21 45.59	−16 21.2	2.062	2.874	14.4	22.4
7 10	21 41.02	−16 45.8	1.973	2.872	11.5	22.2
7 20	21 34.19	−17 18.9	1.906	2.869	7.9	21.9
7 30	21 25.56	−17 57.0	1.863	2.866	4.0	21.7
8 9	21 15.90	−18 35.4	1.848	2.861	1.0	21.5
8 19	21 6.16	−19 9.6	1.862	2.857	4.6	21.7
8 29	20 57.35	−19 35.9	1.902	2.851	8.5	22.0
9 8	20 50.32	−19 52.2	1.968	2.845	12.0	22.2

186284 2002 AT_{158} 8 8.9 145°.96 1°.4/10.2 18

6 30	21 39.86	− 9 22.7	2.616	3.403	12.4	21.5
7 10	21 35.88	− 9 32.8	2.530	3.410	10.0	21.3
7 20	21 30.26	− 9 52.8	2.467	3.417	7.1	21.2
7 30	21 23.42	−10 21.1	2.428	3.423	4.0	21.0
8 9	21 15.92	−10 55.1	2.418	3.429	1.5	20.8
8 19	21 8.40	−11 31.8	2.436	3.435	3.3	20.9
8 29	21 1.56	−12 7.8	2.483	3.440	6.3	21.1
9 8	20 55.99	−12 40.4	2.556	3.445	9.2	21.3

326942 2004 CR_{121} 8 8.9 69°.73 1°.2/ 8.2 15

6 30	21 43.85	−15 42.9	1.463	2.301	18.1	21.4
7 10	21 40.28	−16 15.5	1.403	2.316	14.2	21.2
7 20	21 33.94	−17 0.1	1.361	2.331	9.8	20.9
7 30	21 25.46	−17 51.5	1.343	2.346	4.9	20.7
8 9	21 15.90	−18 43.1	1.349	2.362	1.2	20.5
8 19	21 6.51	−19 28.2	1.381	2.377	5.6	20.8
8 29	20 58.54	−20 2.0	1.437	2.393	10.1	21.1
9 8	20 52.91	−20 22.2	1.517	2.408	14.1	21.4

151847 2003 GT_{17} 8 8.9 345°.82 3°.4/ 6.6 18

6 30	21 40.80	−23 4.9	1.819	2.661	14.9	19.4
7 10	21 37.63	−23 36.0	1.740	2.656	11.8	19.1
7 20	21 32.02	−24 11.6	1.681	2.651	8.2	18.9
7 30	21 24.49	−24 46.4	1.647	2.647	4.8	18.7
8 9	21 15.91	−25 14.7	1.638	2.643	3.6	18.6
8 19	21 7.30	−25 31.9	1.655	2.640	6.4	18.8
8 29	20 59.78	−25 35.2	1.697	2.637	10.0	19.0
9 8	20 54.23	−25 24.0	1.762	2.635	13.4	19.2

90323 2003 FV_{72} 8 8.9 11°.78 3°.2/ 6.5 18

6 30	21 35.24	−19 11.2	1.483	2.342	16.8	18.7
7 10	21 33.62	−20 13.1	1.421	2.347	13.1	18.5
7 20	21 29.43	−21 25.5	1.378	2.354	9.0	18.3
7 30	21 23.21	−22 41.6	1.357	2.361	4.9	18.0
8 9	21 15.92	−23 53.0	1.362	2.370	3.4	18.0
8 19	21 8.66	−24 52.4	1.391	2.380	6.8	18.2
8 29	21 2.63	−25 34.5	1.444	2.391	10.8	18.5
9 8	20 58.72	−25 57.5	1.518	2.403	14.5	18.7

31288 1998 FZ_{59} 8 8.9 22°.92 5°.6/ 5.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 44.35	−29 38.4	1.906	2.745	14.4	18.1
7 10	21 40.33	−30 20.9	1.838	2.748	11.6	17.9
7 20	21 33.80	−31 2.5	1.791	2.752	8.6	17.8
7 30	21 25.34	−31 36.7	1.769	2.756	6.2	17.6
8 9	21 15.91	−31 57.5	1.771	2.760	5.8	17.6
8 19	21 6.60	−32 1.0	1.800	2.764	7.9	17.7
8 29	20 58.51	−31 45.9	1.854	2.769	10.8	17.9
9 8	20 52.52	−31 13.8	1.930	2.774	13.6	18.1

229346 2005 QF_{49} 8 8.9 350°.08 0°.7/ 9.3 17

6 30	21 36.01	−13 40.4	1.113	1.979	20.7	19.8
7 10	21 35.11	−13 31.9	1.041	1.969	16.7	19.5
7 20	21 31.01	−13 38.3	0.986	1.961	11.8	19.2
7 30	21 24.24	−13 57.4	0.950	1.955	6.2	18.9
8 9	21 15.92	−14 24.2	0.936	1.949	0.8	18.5
8 19	21 7.48	−14 52.4	0.944	1.946	5.9	18.9
8 29	21 0.53	−15 15.8	0.973	1.944	11.6	19.2
9 8	20 56.29	−15 29.9	1.022	1.943	16.6	19.5

300566 2007 TU_{331} 8 8.9 350°.65 0°.7/ 9.3 18

6 30	21 40.26	−13 6.8	1.680	2.508	16.5	20.9
7 10	21 37.26	−13 8.5	1.599	2.505	13.2	20.7
7 20	21 31.81	−13 21.7	1.537	2.502	9.3	20.4
7 30	21 24.41	−13 44.1	1.498	2.500	4.9	20.2
8 9	21 15.92	−14 11.7	1.484	2.498	0.7	19.9
8 19	21 7.38	−14 40.1	1.497	2.497	4.6	20.2
8 29	20 59.90	−15 4.8	1.534	2.496	9.0	20.4
9 8	20 54.40	−15 22.7	1.595	2.495	13.0	20.7

86317 1999 VH_{192} 8 8.9 17°.39 1°.6/ 8.2 18

6 30	21 42.34	−19 58.8	1.514	2.361	17.1	17.6
7 10	21 39.01	−19 49.9	1.452	2.370	13.5	17.4
7 20	21 33.00	−19 46.4	1.409	2.381	9.3	17.1
7 30	21 24.97	−19 44.4	1.388	2.392	4.7	16.9
8 9	21 15.96	−19 39.9	1.392	2.405	1.6	16.7
8 19	21 7.17	−19 29.6	1.421	2.418	5.4	17.0
8 29	20 59.77	−19 11.8	1.476	2.433	9.7	17.3
9 8	20 54.62	−18 45.9	1.552	2.449	13.6	17.6

75340 1999 XP_{60} 8 8.9 332°.60 6°.3/12.9 18

6 30	21 38.97	− 0 51.7	1.670	2.454	18.4	19.2
7 10	21 36.29	− 0 10.0	1.582	2.447	15.6	19.0
7 20	21 31.20	+ 0 13.5	1.512	2.441	12.3	18.8
7 30	21 24.16	+ 0 16.6	1.463	2.435	9.0	18.6
8 9	21 15.97	− 0 0.6	1.438	2.429	6.5	18.4
8 19	21 7.60	− 0 35.5	1.437	2.424	6.9	18.4
8 29	21 0.19	− 1 23.1	1.460	2.419	9.7	18.6
9 8	20 54.67	− 2 17.1	1.507	2.414	13.2	18.8

291451 2006 DD_{46} 8 8.9 53°.34 2°.4/ 7.5 16

6 30	21 44.41	−20 5.5	1.584	2.424	16.8	20.5
7 10	21 40.55	−20 29.7	1.524	2.439	13.2	20.3
7 20	21 34.01	−21 0.5	1.484	2.454	9.1	20.1
7 30	21 25.48	−21 32.7	1.467	2.470	4.8	19.9
8 9	21 15.97	−22 0.4	1.475	2.485	2.5	19.8
8 19	21 6.67	−22 18.8	1.509	2.502	5.9	20.1
8 29	20 58.75	−22 25.2	1.569	2.518	10.0	20.3
9 8	20 53.08	−22 18.9	1.651	2.534	13.6	20.6

77148 2001 EF_{7} 8 8.9 4°.29 3°.6/ 6.8 18

6 30	21 39.65	−19 42.8	1.222	2.087	19.2	18.9
7 10	21 37.80	−20 33.4	1.156	2.086	15.2	18.7
7 20	21 32.75	−21 35.7	1.109	2.086	10.5	18.4
7 30	21 25.09	−22 42.3	1.083	2.087	5.7	18.1
8 9	21 15.97	−23 43.7	1.080	2.089	3.8	18.0
8 19	21 6.86	−24 31.4	1.100	2.091	7.7	18.3
8 29	20 59.28	−24 59.8	1.143	2.094	12.5	18.5
9 8	20 54.41	−25 7.3	1.205	2.098	16.8	18.8

504926 2011 BT_{133} 8 8.9 223°.63 0°.4/ 8.7 17

6 30	21 44.81	−14 59.0	1.847	2.664	15.7	22.9
7 10	21 40.76	−15 17.5	1.756	2.657	12.5	22.7
7 20	21 34.24	−15 46.5	1.685	2.649	8.7	22.4
7 30	21 25.71	−16 22.6	1.638	2.641	4.5	22.2
8 9	21 15.99	−17 1.2	1.618	2.632	0.4	21.8
8 19	21 6.12	−17 37.2	1.625	2.622	4.8	22.2
8 29	20 57.24	−18 6.2	1.659	2.613	9.1	22.4
9 8	20 50.29	−18 25.6	1.716	2.602	13.0	22.6

239102 2006 HU_{54} 8 8.9 206°.38 10°.2/29.9 18

6 30	21 47.87	−41 14.2	2.042	2.865	14.2	20.2
7 10	21 43.74	−43 9.3	1.982	2.862	12.3	20.1
7 20	21 36.62	−44 57.9	1.944	2.859	10.8	20.0
7 30	21 27.03	−46 30.0	1.930	2.856	10.2	20.0
8 9	21 15.99	−47 36.7	1.940	2.853	10.8	20.0
8 19	21 4.82	−48 12.9	1.974	2.849	12.3	20.1
8 29	20 54.97	−48 17.7	2.029	2.845	14.2	20.2
9 8	20 47.59	−47 54.2	2.103	2.841	16.1	20.4

280031 2001 XY_{174} 8 8.9 226°.53 0°.2/ 9.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 42.99	−13 11.3	2.038	2.847	14.7	21.6
7 10	21 39.07	−13 31.3	1.943	2.839	11.8	21.4
7 20	21 32.93	−14 2.3	1.869	2.830	8.2	21.2
7 30	21 25.00	−14 41.6	1.819	2.820	4.3	20.9
8 9	21 16.00	−15 25.0	1.796	2.810	0.2	20.6
8 19	21 6.85	−16 7.9	1.802	2.800	4.3	20.9
8 29	20 58.54	−16 45.9	1.834	2.789	8.3	21.1
9 8	20 51.92	−17 15.7	1.891	2.778	12.0	21.3

96597 1998 XU_{28} 8 8.9 291°.26 1°.4/ 7.8 18

6 30	21 39.07	−17 58.5	2.335	3.157	12.7	19.7
7 10	21 35.74	−18 27.5	2.237	3.142	10.0	19.5
7 20	21 30.49	−19 3.6	2.160	3.127	6.9	19.3
7 30	21 23.70	−19 43.5	2.109	3.112	3.5	19.0
8 9	21 16.01	−20 23.0	2.085	3.097	1.5	18.8
8 19	21 8.17	−20 58.1	2.089	3.082	4.4	19.0
8 29	21 1.04	−21 25.2	2.120	3.067	7.9	19.2
9 8	20 55.35	−21 42.4	2.176	3.052	11.1	19.4

256537 Zahn 8 8.9 207°.02 5°.5/ 3.6 18

6 30	21 43.52	−32 47.7	2.646	3.469	11.3	21.0
7 10	21 39.11	−33 43.4	2.569	3.466	9.2	20.9
7 20	21 32.71	−34 37.1	2.515	3.462	7.1	20.7
7 30	21 24.78	−35 23.4	2.487	3.459	5.7	20.6
8 9	21 16.02	−35 57.3	2.485	3.455	5.8	20.6
8 19	21 7.24	−36 15.4	2.511	3.451	7.3	20.7
8 29	20 59.31	−36 16.2	2.563	3.447	9.4	20.9
9 8	20 52.94	−36 0.4	2.637	3.443	11.5	21.0

279173 2009 ST_{257} 8 8.9 273°.68 1°.9/ 7.7 18

6 30	21 43.57	−17 58.5	1.720	2.552	16.0	21.6
7 10	21 40.20	−18 29.5	1.621	2.532	12.8	21.3
7 20	21 34.14	−19 10.7	1.542	2.511	8.9	21.0
7 30	21 25.80	−19 57.8	1.487	2.490	4.6	20.7
8 9	21 16.02	−20 44.6	1.458	2.469	2.0	20.5
8 19	21 5.91	−21 25.0	1.455	2.448	5.9	20.7
8 29	20 56.76	−21 53.9	1.477	2.427	10.4	20.9
9 8	20 49.70	−22 8.7	1.522	2.405	14.6	21.1

390789 2004 BH_{47} 8 8.9 165°.26 1°.5/ 7.6 18

6 30	21 41.34	−17 10.3	2.437	3.250	12.5	22.1
7 10	21 37.31	−17 58.0	2.354	3.254	9.8	22.0
7 20	21 31.43	−18 53.5	2.293	3.258	6.7	21.8
7 30	21 24.13	−19 52.8	2.259	3.261	3.4	21.6
8 9	21 16.03	−20 51.2	2.253	3.264	1.5	21.4
8 19	21 7.89	−21 44.0	2.276	3.267	4.3	21.6
8 29	21 0.49	−22 27.7	2.327	3.269	7.6	21.9
9 8	20 54.53	−23 0.1	2.403	3.271	10.5	22.0

404803 2014 JQ_{61} 8 8.9 309°.71 0°.9/ 9.7 18

6 30	21 36.70	− 9 34.3	2.032	2.843	14.7	20.8
7 10	21 34.12	−10 10.8	1.937	2.832	11.8	20.6
7 20	21 29.51	−11 2.4	1.862	2.821	8.4	20.4
7 30	21 23.26	−12 6.7	1.811	2.810	4.6	20.1
8 9	21 16.03	−13 19.0	1.786	2.800	0.9	19.8
8 19	21 8.63	−14 33.8	1.789	2.789	4.0	20.1
8 29	21 1.97	−15 45.1	1.819	2.779	8.0	20.3
9 8	20 56.86	−16 47.9	1.874	2.770	11.6	20.5

154994 2005 EW_{291} 8 8.9 64°.20 12°.0/25.3 17

6 30	21 40.48	+26 33.3	2.051	2.625	20.8	20.8
7 10	21 37.06	+26 24.0	1.967	2.636	19.3	20.7
7 20	21 31.46	+25 40.4	1.893	2.648	17.5	20.5
7 30	21 24.18	+24 17.6	1.836	2.659	15.5	20.4
8 9	21 16.03	+22 14.2	1.799	2.671	13.5	20.3
8 19	21 7.91	+19 33.5	1.785	2.682	12.3	20.2
8 29	21 0.78	+16 23.8	1.797	2.694	12.1	20.3
9 8	20 55.40	+12 57.6	1.837	2.706	13.1	20.3

207641 2006 UK_{46} 8 8.9 19°.95 0°.9/ 9.9 18

6 30	21 35.80	−10 47.2	2.984	3.778	10.9	20.5
7 10	21 32.56	−10 59.7	2.894	3.779	8.7	20.4
7 20	21 27.94	−11 20.3	2.826	3.780	6.1	20.2
7 30	21 22.27	−11 47.5	2.785	3.782	3.4	20.0
8 9	21 16.04	−12 19.0	2.771	3.783	0.9	19.9
8 19	21 9.79	−12 52.1	2.786	3.785	2.8	20.0
8 29	21 4.07	−13 24.1	2.829	3.787	5.6	20.2
9 8	20 59.40	−13 52.6	2.899	3.789	8.2	20.4

88783 2001 SK_{106} 8 8.9 334°.02 0°.4/ 8.8 18

6 30	21 38.42	−16 41.1	1.186	2.050	19.8	18.6
7 10	21 37.09	−16 27.8	1.102	2.030	16.0	18.3
7 20	21 32.51	−16 24.7	1.036	2.012	11.3	18.0
7 30	21 25.13	−16 28.8	0.989	1.994	5.8	17.6
8 9	21 16.03	−16 35.6	0.965	1.978	0.4	17.2
8 19	21 6.65	−16 40.0	0.963	1.964	6.2	17.6
8 29	20 58.65	−16 37.6	0.982	1.950	11.9	17.8
9 8	20 53.37	−16 25.7	1.022	1.939	17.1	18.1

425567 2010 SD_9 8 8.9 259°.42 2°.7/ 7.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 46.64	−20 9.0	1.634	2.467	16.7	21.8
7 10	21 42.80	−20 37.0	1.539	2.451	13.3	21.6
7 20	21 36.03	−21 13.2	1.465	2.434	9.3	21.3
7 30	21 26.80	−21 52.6	1.414	2.416	5.0	21.0
8 9	21 16.03	−22 28.4	1.389	2.398	2.8	20.8
8 19	21 4.98	−22 54.6	1.389	2.380	6.5	21.0
8 29	20 55.05	−23 6.9	1.415	2.361	11.1	21.2
9 8	20 47.44	−23 3.9	1.463	2.342	15.3	21.4

473076 2015 HG_{105} 8 8.9 113°.10 4°.8/ 5.2 17

6 30	21 42.41	−23 49.1	1.737	2.580	15.4	21.5
7 10	21 39.12	−25 5.0	1.665	2.582	12.2	21.3
7 20	21 33.22	−26 27.4	1.615	2.583	8.7	21.1
7 30	21 25.22	−27 48.7	1.589	2.584	5.6	20.9
8 9	21 16.05	−29 0.4	1.588	2.586	5.1	20.9
8 19	21 6.83	−29 55.6	1.614	2.587	7.8	21.1
8 29	20 58.76	−30 30.2	1.665	2.589	11.3	21.3
9 8	20 52.82	−30 43.8	1.737	2.590	14.5	21.5

509811 2008 VA_{22} 8 8.9 256°.43 7°.3/ 2.6 18

6 30	21 46.22	−33 1.6	2.083	2.914	13.7	22.0
7 10	21 42.12	−34 23.0	1.995	2.896	11.3	21.8
7 20	21 35.37	−35 44.6	1.930	2.878	8.9	21.6
7 30	21 26.39	−36 58.2	1.889	2.859	7.4	21.5
8 9	21 16.05	−37 55.8	1.875	2.840	7.7	21.5
8 19	21 5.46	−38 31.2	1.886	2.820	9.7	21.6
8 29	20 55.87	−38 41.8	1.921	2.800	12.3	21.7
9 8	20 48.37	−38 28.6	1.978	2.780	14.9	21.8

153582 2001 SO_{243} 8 8.9 359°.94 1°.9/ 7.9 18

6 30	21 37.40	−17 28.8	1.164	2.033	19.8	19.7
7 10	21 36.10	−17 52.3	1.098	2.029	15.7	19.4
7 20	21 31.63	−18 28.5	1.049	2.027	10.9	19.1
7 30	21 24.56	−19 12.1	1.021	2.027	5.5	18.8
8 9	21 16.06	−19 55.3	1.015	2.027	2.0	18.6
8 19	21 7.54	−20 30.8	1.031	2.029	6.7	18.9
8 29	21 0.56	−20 52.8	1.070	2.032	11.9	19.2
9 8	20 56.25	−20 58.8	1.128	2.037	16.5	19.5

149167 2002 GH_{105} 8 8.9 306°.68 4°.0/ 5.3 18

6 30	21 40.02	−24 38.0	2.227	3.061	12.8	19.7
7 10	21 36.62	−25 39.3	2.148	3.059	10.1	19.5
7 20	21 31.16	−26 44.6	2.091	3.056	7.2	19.4
7 30	21 24.07	−27 48.4	2.059	3.054	4.7	19.2
8 9	21 16.06	−28 44.7	2.055	3.052	4.2	19.2
8 19	21 7.99	−29 28.5	2.078	3.050	6.4	19.3
8 29	21 0.77	−29 56.7	2.127	3.047	9.4	19.5
9 8	20 55.17	−30 8.5	2.199	3.045	12.1	19.7

479655 2014 DZ_{62} 8 8.9 255°.25 0°.5/ 8.6 18

6 30	21 41.00	−14 28.4	2.013	2.831	14.5	21.6
7 10	21 37.57	−14 57.8	1.919	2.820	11.6	21.4
7 20	21 31.94	−15 38.2	1.845	2.810	8.1	21.1
7 30	21 24.53	−16 26.3	1.797	2.799	4.1	20.9
8 9	21 16.06	−17 17.2	1.774	2.788	0.5	20.6
8 19	21 7.43	−18 6.1	1.780	2.777	4.5	20.9
8 29	20 59.62	−18 48.1	1.812	2.766	8.5	21.1
9 8	20 53.50	−19 20.0	1.869	2.754	12.2	21.3

358762 2008 CH_{206} 8 8.9 197°.07 0°.7/ 9.5 18

6 30	21 39.66	−11 25.1	2.319	3.121	13.3	22.0
7 10	21 36.08	−11 46.7	2.229	3.120	10.7	21.8
7 20	21 30.64	−12 19.0	2.161	3.119	7.5	21.6
7 30	21 23.76	−12 59.8	2.118	3.117	4.0	21.4
8 9	21 16.07	−13 45.4	2.102	3.115	0.7	21.1
8 19	21 8.30	−14 31.8	2.114	3.113	3.6	21.3
8 29	21 1.27	−15 15.2	2.154	3.111	7.2	21.6
9 8	20 55.66	−15 52.2	2.220	3.109	10.4	21.8

190597 2000 UD_{24} 8 8.9 296°.75 8°.6/ 2.2 18

6 30	21 43.30	−32 13.9	1.641	2.491	15.8	19.6
7 10	21 40.54	−33 48.4	1.559	2.472	13.1	19.4
7 20	21 34.70	−35 25.0	1.498	2.453	10.4	19.2
7 30	21 26.21	−36 53.6	1.460	2.434	8.7	19.0
8 9	21 16.06	−38 3.3	1.446	2.415	9.1	19.0
8 19	21 5.61	−38 46.2	1.456	2.397	11.5	19.1
8 29	20 56.40	−38 58.6	1.488	2.378	14.6	19.3
9 8	20 49.72	−38 42.0	1.540	2.360	17.6	19.4

346887 2009 OU_{23} 8 8.9 272°.38 5°.1/13.4 18

6 30	21 37.94	+ 1 2.9	2.477	3.223	14.0	20.8
7 10	21 34.65	+ 1 24.2	2.373	3.211	12.0	20.6
7 20	21 29.64	+ 1 30.7	2.288	3.199	9.6	20.5
7 30	21 23.27	+ 1 21.5	2.227	3.187	7.1	20.3
8 9	21 16.08	+ 0 57.1	2.191	3.175	5.3	20.1
8 19	21 8.73	+ 0 19.5	2.181	3.162	5.4	20.1
8 29	21 1.97	− 0 27.9	2.199	3.150	7.4	20.2
9 8	20 56.46	− 1 20.7	2.243	3.138	10.0	20.4

353480 2011 SA_{40} 8 8.9 256°.83 0°.5/ 9.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 39.92	−12 7.1	2.110	2.920	14.2	21.4
7 10	21 36.52	−12 25.4	2.020	2.915	11.4	21.2
7 20	21 31.08	−12 54.9	1.950	2.911	8.0	20.9
7 30	21 24.04	−13 33.1	1.906	2.906	4.2	20.7
8 9	21 16.08	−14 16.2	1.887	2.901	0.6	20.4
8 19	21 8.02	−15 0.0	1.897	2.896	3.9	20.7
8 29	21 0.76	−15 40.1	1.934	2.891	7.8	20.9
9 8	20 55.07	−16 13.2	1.995	2.887	11.2	21.1

253504 2003 SB_{126} 8 8.9 335°.27 4°.9/ 6.7 17

6 30	21 39.18	−23 16.9	1.070	1.949	20.3	20.1
7 10	21 38.17	−23 46.4	0.996	1.933	16.3	19.8
7 20	21 33.53	−24 23.6	0.939	1.918	11.6	19.5
7 30	21 25.75	−25 0.6	0.902	1.905	6.8	19.2
8 9	21 16.07	−25 27.9	0.885	1.892	5.1	19.0
8 19	21 6.20	−25 37.6	0.890	1.881	9.1	19.2
8 29	20 58.02	−25 25.4	0.915	1.871	14.3	19.5
9 8	20 52.98	−24 51.7	0.959	1.863	19.1	19.7

286865 2002 OQ_6 8 8.9 1°.11 6°.2/12.4 18

6 30	21 35.39	− 3 44.7	1.274	2.100	20.9	20.0
7 10	21 34.08	− 2 51.4	1.202	2.097	17.5	19.7
7 20	21 30.00	− 2 17.9	1.148	2.095	13.6	19.5
7 30	21 23.67	− 2 6.7	1.112	2.095	9.5	19.3
8 9	21 16.08	− 2 17.2	1.098	2.097	6.5	19.1
8 19	21 8.42	− 2 46.3	1.106	2.100	7.2	19.2
8 29	21 2.02	− 3 27.8	1.137	2.105	10.7	19.4
9 8	20 57.91	− 4 14.1	1.188	2.111	14.7	19.6

335549 2006 BC_{114} 8 8.9 287°.80 0°.8/ 8.4 18

6 30	21 40.98	−15 7.3	1.703	2.534	16.2	21.4
7 10	21 37.99	−15 36.1	1.615	2.524	12.9	21.2
7 20	21 32.47	−16 17.1	1.546	2.514	9.0	21.0
7 30	21 24.89	−17 6.4	1.501	2.505	4.6	20.7
8 9	21 16.08	−17 58.4	1.482	2.495	0.9	20.4
8 19	21 7.10	−18 47.1	1.488	2.486	5.1	20.7
8 29	20 59.12	−19 27.1	1.521	2.476	9.7	20.9
9 8	20 53.15	−19 55.1	1.576	2.467	13.7	21.1

280306 2003 QQ_{40} 8 8.9 356°.86 1°.6/ 9.9 17

6 30	21 35.23	−11 17.9	1.223	2.077	19.9	19.9
7 10	21 34.16	−11 11.5	1.151	2.071	16.1	19.7
7 20	21 30.18	−11 21.8	1.097	2.067	11.5	19.4
7 30	21 23.81	−11 47.1	1.063	2.064	6.4	19.1
8 9	21 16.09	−12 22.7	1.050	2.063	1.7	18.8
8 19	21 8.30	−13 2.6	1.061	2.063	5.4	19.0
8 29	21 1.84	−13 40.2	1.094	2.065	10.6	19.3
9 8	20 57.82	−14 10.0	1.148	2.068	15.3	19.6

443419 2014 HY_{73} 8 8.9 1°.22 1°.1/ 8.1 18

6 30	21 39.48	−16 12.6	1.892	2.721	14.9	21.2
7 10	21 36.42	−16 44.3	1.812	2.721	11.8	21.0
7 20	21 31.13	−17 25.9	1.752	2.721	8.1	20.8
7 30	21 24.10	−18 13.4	1.717	2.721	4.1	20.5
8 9	21 16.09	−19 1.5	1.708	2.721	1.2	20.3
8 19	21 8.04	−19 45.1	1.726	2.721	4.8	20.6
8 29	21 0.94	−20 19.9	1.769	2.722	8.8	20.8
9 8	20 55.61	−20 43.4	1.837	2.723	12.3	21.0

71304 2000 AE_{68} 8 8.9 166°.91 1°.7/ 7.4 18

6 30	21 41.45	−17 30.9	2.292	3.109	13.0	19.1
7 10	21 37.56	−18 22.4	2.210	3.113	10.2	18.9
7 20	21 31.71	−19 22.1	2.150	3.116	7.0	18.7
7 30	21 24.33	−20 25.7	2.116	3.118	3.6	18.5
8 9	21 16.09	−21 28.0	2.110	3.121	1.8	18.4
8 19	21 7.80	−22 23.9	2.132	3.122	4.7	18.6
8 29	21 0.31	−23 9.6	2.183	3.124	8.0	18.8
9 8	20 54.35	−23 42.8	2.257	3.125	11.1	19.0

67330 2000 HE_{79} 8 8.9 168°.13 5°.1/ 4.7 18

6 30	21 42.96	−23 0.0	1.721	2.562	15.6	19.6
7 10	21 39.65	−24 36.9	1.648	2.564	12.3	19.4
7 20	21 33.67	−26 22.5	1.597	2.566	8.8	19.2
7 30	21 25.51	−28 8.2	1.572	2.567	5.7	19.0
8 9	21 16.09	−29 44.2	1.572	2.568	5.4	19.0
8 19	21 6.55	−31 2.1	1.599	2.569	8.2	19.1
8 29	20 58.14	−31 57.0	1.651	2.569	11.7	19.4
9 8	20 51.89	−32 27.8	1.724	2.569	15.0	19.6

21402 Shanhuang 8 8.9 263°.36 1°.1/ 8.3 18

6 30	21 44.75	−16 31.2	1.580	2.412	17.2	19.5
7 10	21 41.29	−16 50.1	1.489	2.399	13.8	19.3
7 20	21 34.98	−17 20.0	1.416	2.385	9.6	19.0
7 30	21 26.27	−17 57.1	1.367	2.370	4.9	18.7
8 9	21 16.09	−18 35.4	1.343	2.356	1.2	18.4
8 19	21 5.66	−19 9.0	1.345	2.341	5.7	18.6
8 29	20 56.34	−19 33.1	1.371	2.327	10.5	18.9
9 8	20 49.29	−19 45.0	1.421	2.311	14.9	19.1

471147 2010 FA_{12} 8 8.9 167°.22 2°.6/ 7.0 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 44.67	−21 17.7	2.128	2.950	13.7	22.4
7 10	21 40.26	−21 52.6	2.048	2.953	10.8	22.2
7 20	21 33.65	−22 32.7	1.990	2.956	7.5	22.0
7 30	21 25.34	−23 13.2	1.958	2.958	4.1	21.8
8 9	21 16.11	−23 49.0	1.953	2.960	2.7	21.7
8 19	21 6.88	−24 15.8	1.976	2.962	5.4	21.9
8 29	20 58.62	−24 30.8	2.026	2.963	8.8	22.1
9 8	20 52.12	−24 33.3	2.099	2.964	11.9	22.3

502034 2015 AP_{126} 8 8.9 261°.85 0°.8/ 9.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 43.95	−12 4.9	1.597	2.418	17.5	22.2
7 10	21 40.61	−12 12.5	1.501	2.403	14.2	21.9
7 20	21 34.50	−12 34.1	1.424	2.387	10.1	21.6
7 30	21 26.05	−13 7.5	1.370	2.370	5.5	21.3
8 9	21 16.11	−13 48.4	1.340	2.354	0.9	20.9
8 19	21 5.85	−14 31.2	1.337	2.337	5.1	21.2
8 29	20 56.61	−15 10.3	1.359	2.320	10.1	21.4
9 8	20 49.55	−15 41.2	1.404	2.302	14.6	21.7

177669 2005 EK_{46} 8 8.9 99°.83 1°.6/10.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 44.08	− 9 38.2	1.529	2.346	18.4	20.7
7 10	21 40.41	− 9 50.6	1.461	2.358	14.8	20.5
7 20	21 34.07	−10 19.3	1.410	2.369	10.6	20.3
7 30	21 25.65	−11 1.8	1.382	2.381	5.8	20.0
8 9	21 16.12	−11 53.0	1.379	2.392	1.7	19.8
8 19	21 6.65	−12 46.8	1.402	2.402	4.8	20.0
8 29	20 58.46	−13 37.2	1.451	2.413	9.4	20.3
9 8	20 52.49	−14 19.5	1.522	2.423	13.5	20.6

77552 2001 JY_{6} 8 8.9 95°.03 0°.2/ 8.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 44.40	−13 10.9	1.589	2.413	17.5	19.8
7 10	21 40.54	−13 43.4	1.524	2.429	13.9	19.6
7 20	21 34.08	−14 29.6	1.479	2.444	9.6	19.4
7 30	21 25.62	−15 25.0	1.457	2.459	4.9	19.2
8 9	21 16.12	−16 23.4	1.460	2.474	0.2	18.8
8 19	21 6.74	−17 18.4	1.490	2.489	4.9	19.3
8 29	20 58.64	−18 4.6	1.546	2.503	9.4	19.6
9 8	20 52.71	−18 38.7	1.626	2.517	13.3	19.8

398941 2013 CU_{197} 8 8.9 140°.55 2°.6/11.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 38.32	− 5 3.4	2.299	3.080	14.1	22.1
7 10	21 35.01	− 5 21.1	2.211	3.083	11.5	21.9
7 20	21 29.91	− 5 53.4	2.144	3.085	8.5	21.7
7 30	21 23.42	− 6 39.0	2.101	3.088	5.3	21.5
8 9	21 16.15	− 7 35.1	2.084	3.091	2.7	21.3
8 19	21 8.82	− 8 37.3	2.096	3.093	3.8	21.4
8 29	21 2.21	− 9 41.0	2.135	3.096	6.9	21.6
9 8	20 56.97	−10 41.6	2.201	3.098	10.1	21.8

271080 2003 OU_{7} 8 8.9 51°.24 2°.1/10.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 39.30	− 5 0.4	1.460	2.273	19.3	19.7
7 10	21 36.60	− 5 54.4	1.404	2.297	15.6	19.5
7 20	21 31.38	− 7 11.5	1.366	2.321	11.2	19.3
7 30	21 24.24	− 8 47.6	1.350	2.346	6.4	19.1
8 9	21 16.14	−10 35.0	1.359	2.371	2.3	18.9
8 19	21 8.20	−12 24.3	1.395	2.396	4.7	19.1
8 29	21 1.53	−14 6.3	1.456	2.421	9.1	19.4
9 8	20 56.96	−15 34.2	1.541	2.446	13.1	19.7

15020 Brandonimber 8 8.9 201°.18 0°.7/ 8.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 44.15	−14 59.7	1.920	2.736	15.2	19.1
7 10	21 40.14	−15 30.5	1.833	2.733	12.1	18.9
7 20	21 33.77	−16 12.2	1.766	2.730	8.4	18.7
7 30	21 25.51	−17 1.1	1.723	2.726	4.3	18.4
8 9	21 16.15	−17 51.8	1.708	2.721	0.7	18.2
8 19	21 6.68	−18 39.1	1.720	2.716	4.7	18.5
8 29	20 58.16	−19 18.3	1.759	2.711	8.9	18.7
9 8	20 51.49	−19 46.5	1.822	2.705	12.6	18.9

371905 2008 CK_{198} 8 8.9 151°.70 0°.1/ 9.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 45.67	−13 41.0	1.784	2.598	16.2	22.0
7 10	21 41.37	−13 58.0	1.706	2.604	12.9	21.8
7 20	21 34.61	−14 26.3	1.648	2.610	9.0	21.6
7 30	21 25.91	−15 2.7	1.614	2.616	4.6	21.3
8 9	21 16.15	−15 42.4	1.607	2.621	0.1	20.9
8 19	21 6.40	−16 20.3	1.627	2.625	4.6	21.4
8 29	20 57.76	−16 52.2	1.673	2.629	8.9	21.6
9 8	20 51.13	−17 15.0	1.744	2.633	12.7	21.9

189538 2000 QK_{118} 8 8.9 297°.48 1°.9/ 8.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 47.62	−20 49.5	1.630	2.463	16.7	20.2
7 10	21 43.61	−20 42.1	1.531	2.441	13.4	19.9
7 20	21 36.64	−20 38.9	1.451	2.419	9.5	19.7
7 30	21 27.17	−20 35.8	1.394	2.396	5.0	19.3
8 9	21 16.15	−20 28.1	1.362	2.374	2.0	19.1
8 19	21 4.85	−20 12.3	1.357	2.352	5.9	19.3
8 29	20 54.69	−19 46.1	1.377	2.330	10.7	19.5
9 8	20 46.88	−19 9.6	1.420	2.309	15.1	19.7

511411 2014 HA_{70} 8 8.9 117°.67 0°.1/ 9.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 40.10	−13 8.7	2.064	2.879	14.3	22.2
7 10	21 36.68	−13 32.6	1.981	2.879	11.4	22.0
7 20	21 31.21	−14 7.3	1.918	2.880	8.0	21.8
7 30	21 24.13	−14 49.9	1.879	2.881	4.1	21.5
8 9	21 16.16	−15 36.1	1.868	2.881	0.1	21.2
8 19	21 8.13	−16 21.5	1.884	2.882	4.0	21.5
8 29	21 0.96	−17 1.6	1.926	2.883	7.9	21.8
9 8	20 55.40	−17 33.5	1.994	2.883	11.3	22.0

234319 2001 CR_{11} 8 8.9 271°.79 2°.2/ 7.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 46.21	−20 48.5	1.908	2.733	14.9	20.1
7 10	21 41.96	−21 0.1	1.810	2.716	11.9	19.9
7 20	21 35.17	−21 16.7	1.732	2.699	8.3	19.6
7 30	21 26.30	−21 34.4	1.680	2.681	4.4	19.4
8 9	21 16.16	−21 48.1	1.653	2.664	2.3	19.2
8 19	21 5.84	−21 53.9	1.654	2.646	5.5	19.4
8 29	20 56.50	−21 49.1	1.681	2.628	9.6	19.6
9 8	20 49.14	−21 32.9	1.732	2.609	13.4	19.8

206088 2002 RV_{133} 8 8.9 333°.60 7°.0/ 4.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 40.25	−28 47.9	1.537	2.396	16.3	19.1
7 10	21 38.02	−29 59.8	1.461	2.383	13.2	18.9
7 20	21 32.84	−31 14.7	1.406	2.372	9.9	18.7
7 30	21 25.22	−32 23.7	1.373	2.361	7.4	18.5
8 9	21 16.16	−33 17.5	1.364	2.351	7.4	18.5
8 19	21 6.98	−33 48.9	1.378	2.341	10.0	18.6
8 29	20 59.10	−33 54.5	1.416	2.333	13.4	18.8
9 8	20 53.66	−33 35.4	1.473	2.325	16.7	19.0

300594 2007 TN_{418} 8 8.9 204°.13 1°.4/10.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 40.79	− 9 56.7	2.099	2.900	14.6	21.5
7 10	21 37.19	−10 6.0	2.010	2.898	11.8	21.3
7 20	21 31.55	−10 27.3	1.942	2.897	8.4	21.1
7 30	21 24.31	−10 59.0	1.899	2.895	4.7	20.9
8 9	21 16.17	−11 37.6	1.881	2.893	1.5	20.7
8 19	21 7.94	−12 19.1	1.892	2.891	3.9	20.8
8 29	21 0.54	−12 59.5	1.930	2.889	7.6	21.1
9 8	20 54.72	−13 34.9	1.992	2.887	11.1	21.3

483622 2004 TZ_{141} 8 8.9 286°.47 7°.7/ 2.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 47.47	−38 8.2	2.328	3.147	12.8	21.7
7 10	21 42.87	−39 5.3	2.240	3.127	10.8	21.5
7 20	21 35.72	−39 57.6	2.175	3.106	8.9	21.4
7 30	21 26.53	−40 38.0	2.133	3.086	7.8	21.2
8 9	21 16.17	−41 0.1	2.117	3.066	8.1	21.2
8 19	21 5.70	−40 59.8	2.127	3.045	9.6	21.3
8 29	20 56.30	−40 35.9	2.161	3.025	11.7	21.4
9 8	20 48.91	−39 50.7	2.216	3.004	14.0	21.5

123821 2001 BH_{80} 8 8.9 115°.05 4°.2/ 5.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 43.67	−23 19.8	1.970	2.803	14.3	19.7
7 10	21 39.68	−24 34.8	1.905	2.815	11.2	19.5
7 20	21 33.37	−25 55.1	1.861	2.827	7.9	19.4
7 30	21 25.25	−27 13.8	1.843	2.839	5.0	19.2
8 9	21 16.17	−28 23.7	1.852	2.851	4.4	19.2
8 19	21 7.12	−29 18.8	1.889	2.862	6.9	19.4
8 29	20 59.14	−29 55.8	1.951	2.872	10.0	19.6
9 8	20 53.06	−30 14.2	2.036	2.883	12.9	19.8

470373 2007 TO_{133} 8 8.9 265°.85 2°.7/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 42.07	−20 40.3	2.007	2.837	14.1	21.2
7 10	21 38.50	−21 19.3	1.918	2.828	11.2	21.0
7 20	21 32.64	−22 5.0	1.851	2.819	7.8	20.7
7 30	21 24.94	−22 52.6	1.809	2.810	4.3	20.5
8 9	21 16.18	−23 36.5	1.793	2.801	2.8	20.4
8 19	21 7.29	−24 11.7	1.804	2.791	5.7	20.6
8 29	20 59.31	−24 34.5	1.841	2.782	9.3	20.8
9 8	20 53.12	−24 43.4	1.902	2.772	12.7	21.0

448385 2009 PS_{8} 8 9.0 354°.10 5°.0/ 6.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 10	21 44.04	−30 6.5	1.801	2.707	12.0	19.2
7 20	21 36.45	−30 7.0	1.744	2.704	8.8	19.0
7 30	21 26.82	−29 58.7	1.710	2.701	5.9	18.8
8 9	21 16.18	−29 37.0	1.703	2.698	5.1	18.7
8 19	21 5.70	−28 59.4	1.722	2.696	7.3	18.9
8 29	20 56.56	−28 6.2	1.767	2.695	10.5	19.1
9 8	20 49.67	−27 0.0	1.835	2.695	13.6	19.3
9 18	20 45.50	−25 44.5	1.924	2.695	16.3	19.5

17130 1999 JV_{79} 8 9.0 263°.34 2°.9/ 7.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 10	21 40.55	−19 34.8	1.467	2.382	13.6	17.7
7 20	21 34.58	−20 41.3	1.397	2.368	9.5	17.4
7 30	21 26.16	−21 54.2	1.351	2.353	5.1	17.1
8 9	21 16.18	−23 5.3	1.329	2.338	3.1	17.0
8 19	21 5.89	−24 6.4	1.334	2.323	6.9	17.2
8 29	20 56.71	−24 51.1	1.363	2.308	11.5	17.4
9 8	20 49.85	−25 16.7	1.413	2.292	15.8	17.6
9 18	20 46.04	−25 23.5	1.482	2.276	19.3	17.8