357808 2005 TM_{157} 8 19.9 96°.39 2°.5/17.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 20.21	−18 56.7	2.124	3.024	10.7	21.2
7 30	22 14.26	−19 28.0	2.067	3.028	7.5	21.0
8 9	22 6.73	−20 0.1	2.035	3.032	4.2	20.8
8 19	21 58.31	−20 28.5	2.030	3.036	2.6	20.7
8 29	21 49.86	−20 48.9	2.054	3.040	5.0	20.9
9 8	21 42.25	−20 58.5	2.104	3.044	8.2	21.1
9 18	21 36.20	−20 55.9	2.179	3.048	11.2	21.3
9 28	21 32.21	−20 41.2	2.275	3.052	13.8	21.5

507954 2015 BQ_{19} 8 19.9 316°.19 2°.0/20.9 17

7 20	22 23.29	− 8 54.5	1.172	2.076	17.1	20.9
7 30	22 17.57	− 8 30.0	1.102	2.062	12.6	20.6
8 9	22 9.01	− 8 17.6	1.053	2.049	7.3	20.3
8 19	21 58.55	− 8 14.8	1.026	2.036	2.3	20.0
8 29	21 47.66	− 8 17.7	1.022	2.024	5.3	20.1
9 8	21 37.99	− 8 21.2	1.042	2.012	10.9	20.4
9 18	21 30.88	− 8 21.0	1.084	2.000	16.1	20.6
9 28	21 27.23	− 8 13.8	1.143	1.990	20.4	20.9

339169 2004 TG_{87} 8 19.9 309°.24 0°.6/19.5 18

7 20	22 19.24	−11 53.2	1.523	2.427	13.9	21.1
7 30	22 14.18	−12 26.3	1.453	2.416	9.8	20.9
8 9	22 6.96	−13 9.6	1.405	2.404	5.3	20.6
8 19	21 58.35	−13 57.7	1.382	2.394	0.7	20.2
8 29	21 49.47	−14 43.9	1.385	2.383	4.8	20.5
9 8	21 41.53	−15 22.1	1.413	2.373	9.6	20.8
9 18	21 35.54	−15 48.1	1.464	2.363	13.8	21.0
9 28	21 32.23	−15 59.5	1.534	2.353	17.5	21.2

446197 2013 GN 8 19.9 11°.30 4°.3/15.7 18

7 20	22 17.47	−22 44.2	2.071	2.979	10.5	20.8
7 30	22 12.46	−23 52.5	2.018	2.980	7.6	20.6
8 9	22 5.83	−24 59.9	1.989	2.981	5.0	20.5
8 19	21 58.24	−25 59.9	1.988	2.982	4.5	20.5
8 29	21 50.56	−26 46.8	2.013	2.983	6.6	20.6
9 8	21 43.69	−27 17.1	2.065	2.985	9.5	20.8
9 18	21 38.36	−27 29.5	2.139	2.986	12.3	21.0
9 28	21 35.11	−27 24.5	2.234	2.988	14.7	21.1

437710 2014 DC_{88} 8 19.9 5°.54 0°.9/19.4 18

7 20	22 21.19	−14 11.9	1.426	2.335	14.3	19.9
7 30	22 15.50	−14 17.4	1.370	2.335	10.1	19.7
8 9	22 7.61	−14 28.8	1.335	2.335	5.4	19.4
8 19	21 58.41	−14 41.6	1.325	2.337	1.0	19.1
8 29	21 49.14	−14 50.8	1.341	2.339	4.9	19.4
9 8	21 41.05	−14 52.2	1.381	2.342	9.7	19.7
9 18	21 35.14	−14 43.8	1.444	2.345	13.9	19.9
9 28	21 32.01	−14 24.7	1.526	2.349	17.4	20.2

395451 2011 SJ_{261} 8 20.0 283°.19 1°.6/18.6 18

7 20	22 18.69	−14 53.3	1.935	2.835	11.5	21.2
7 30	22 13.40	−15 34.6	1.866	2.829	8.1	21.0
8 9	22 6.39	−16 21.5	1.823	2.822	4.3	20.7
8 19	21 58.30	−17 8.9	1.805	2.815	1.6	20.5
8 29	21 50.05	−17 51.3	1.815	2.809	4.6	20.7
9 8	21 42.58	−18 24.0	1.852	2.802	8.4	21.0
9 18	21 36.70	−18 44.4	1.913	2.796	11.9	21.2
9 28	21 33.01	−18 51.2	1.996	2.789	14.9	21.4

100968 1998 QL_{20} 8 20.0 350°.21 3°.1/21.8 17

7 20	22 13.59	− 5 48.0	0.941	1.862	18.7	18.3
7 30	22 10.91	− 5 39.0	0.883	1.849	14.0	18.0
8 9	22 5.48	− 5 51.2	0.842	1.839	8.6	17.6
8 19	21 58.23	− 6 21.8	0.821	1.830	3.6	17.3
8 29	21 50.65	− 7 4.0	0.821	1.823	5.6	17.4
9 8	21 44.38	− 7 48.8	0.841	1.819	11.2	17.7
9 18	21 40.70	− 8 27.8	0.880	1.817	16.6	18.0
9 28	21 40.46	− 8 54.3	0.936	1.816	21.2	18.3

440876 2006 TD_{46} 8 20.0 307°.65 1°.7/18.5 18

7 20	22 18.18	−14 58.7	1.853	2.756	11.8	21.5
7 30	22 13.13	−15 40.4	1.783	2.746	8.3	21.2
8 9	22 6.27	−16 28.0	1.737	2.737	4.4	21.0
8 19	21 58.30	−17 16.2	1.718	2.728	1.7	20.8
8 29	21 50.12	−17 59.3	1.725	2.718	4.8	21.0
9 8	21 42.75	−18 32.5	1.759	2.709	8.8	21.2
9 18	21 37.00	−18 52.6	1.816	2.701	12.4	21.4
9 28	21 33.51	−18 58.5	1.895	2.692	15.4	21.6

108263 2001 HT_{53} 8 20.0 5°.49 6°.1/24.6 18

7 20	22 16.23	+ 3 2.0	1.443	2.306	16.9	18.6
7 30	22 12.00	+ 3 16.0	1.380	2.306	13.4	18.4
8 9	22 5.76	+ 3 6.5	1.338	2.307	9.7	18.2
8 19	21 58.26	+ 2 34.1	1.317	2.309	6.7	18.0
8 29	21 50.58	+ 1 42.9	1.321	2.311	6.4	18.0
9 8	21 43.88	+ 0 39.9	1.348	2.315	9.2	18.2
9 18	21 39.07	− 0 26.9	1.399	2.319	12.9	18.4
9 28	21 36.83	− 1 29.8	1.470	2.324	16.3	18.6

373246 2012 GS_9 8 20.0 68°.94 3°.9/23.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 19.86	− 0 40.3	1.381	2.256	16.8	21.1
7 30	22 14.53	− 0 59.4	1.329	2.268	12.7	20.8
8 9	22 7.07	− 1 40.6	1.297	2.280	8.3	20.6
8 19	21 58.38	− 2 40.0	1.289	2.292	4.5	20.4
8 29	21 49.63	− 3 51.1	1.306	2.304	5.0	20.5
9 8	21 42.05	− 5 5.3	1.348	2.316	9.0	20.8
9 18	21 36.57	− 6 14.7	1.413	2.329	13.1	21.1
9 28	21 33.80	− 7 13.3	1.499	2.341	16.7	21.3

282061 1999 TL_{270} 8 20.0 325°.71 11°.6/27.6 18

7 20	22 14.51	+11 58.5	1.352	2.178	19.9	19.3
7 30	22 11.27	+12 57.2	1.261	2.147	17.3	19.1
8 9	22 5.66	+13 26.3	1.187	2.117	14.6	18.8
8 19	21 58.28	+13 20.6	1.131	2.088	12.3	18.6
8 29	21 50.21	+12 38.1	1.096	2.060	11.6	18.5
9 8	21 42.82	+11 22.9	1.083	2.033	13.0	18.5
9 18	21 37.37	+ 9 44.0	1.090	2.007	15.9	18.6
9 28	21 34.90	+ 7 53.8	1.115	1.983	19.4	18.7

442002 2010 OX_{17} 8 20.0 308°.51 1°.6/21.1 18

7 20	22 21.10	− 8 13.4	1.972	2.853	12.3	20.5
7 30	22 15.09	− 7 55.8	1.893	2.841	9.0	20.3
8 9	22 7.31	− 7 46.4	1.837	2.829	5.3	20.0
8 19	21 58.41	− 7 43.4	1.808	2.817	1.9	19.8
8 29	21 49.29	− 7 44.3	1.807	2.806	3.7	19.9
9 8	21 40.92	− 7 46.0	1.832	2.795	7.6	20.1
9 18	21 34.12	− 7 45.9	1.884	2.784	11.2	20.3
9 28	21 29.51	− 7 41.5	1.957	2.773	14.3	20.5

145409 2005 NT_{86} 8 20.0 351°.60 4°.8/16.2 18

7 20	22 21.04	−24 13.4	1.816	2.724	11.8	19.8
7 30	22 15.14	−24 57.2	1.761	2.723	8.5	19.6
8 9	22 7.33	−25 37.9	1.730	2.721	5.7	19.4
8 19	21 58.40	−26 9.0	1.725	2.720	5.0	19.4
8 29	21 49.42	−26 25.2	1.746	2.719	7.2	19.5
9 8	21 41.46	−26 23.9	1.793	2.718	10.4	19.7
9 18	21 35.37	−26 5.1	1.862	2.717	13.5	19.9
9 28	21 31.73	−25 30.2	1.951	2.717	16.1	20.1

506909 2008 DW_3 8 20.0 303°.63 1°.1/19.2 17

7 20	22 18.62	−11 20.9	1.322	2.232	15.1	20.8
7 30	22 14.02	−12 21.2	1.254	2.220	10.7	20.5
8 9	22 7.01	−13 35.8	1.208	2.209	5.7	20.2
8 19	21 58.39	−14 57.2	1.186	2.197	1.1	19.8
8 29	21 49.42	−16 15.8	1.188	2.186	5.6	20.1
9 8	21 41.48	−17 22.7	1.215	2.175	10.8	20.4
9 18	21 35.73	−18 11.8	1.264	2.164	15.5	20.6
9 28	21 32.97	−18 40.3	1.331	2.154	19.4	20.9

520461 2014 KE_{108} 8 20.0 97°.96 1°.3/18.7 15

7 20	22 18.56	−14 9.3	2.218	3.112	10.5	21.8
7 30	22 12.99	−14 57.5	2.169	3.129	7.3	21.6
8 9	22 6.02	−15 50.2	2.146	3.145	3.8	21.4
8 19	21 58.28	−16 42.8	2.151	3.161	1.3	21.2
8 29	21 50.55	−17 30.4	2.184	3.177	4.0	21.5
9 8	21 43.61	−18 9.1	2.244	3.192	7.3	21.7
9 18	21 38.08	−18 36.6	2.331	3.208	10.3	21.9
9 28	21 34.44	−18 51.7	2.439	3.223	12.8	22.1

76617 2000 GM_{173} 8 20.0 143°.66 5°.1/24.6 18

7 20	22 19.94	+ 3 50.8	2.180	3.009	13.2	19.5
7 30	22 14.05	+ 4 7.2	2.111	3.015	10.5	19.3
8 9	22 6.66	+ 4 6.9	2.064	3.021	7.7	19.1
8 19	21 58.36	+ 3 50.5	2.043	3.027	5.5	19.0
8 29	21 49.94	+ 3 20.4	2.049	3.032	5.3	19.0
9 8	21 42.24	+ 2 40.5	2.083	3.037	7.4	19.1
9 18	21 35.94	+ 1 55.8	2.142	3.042	10.0	19.3
9 28	21 31.59	+ 1 11.2	2.225	3.047	12.6	19.5

40205 1998 SU_{30} 8 20.0 12°.77 2°.7/22.5 18

7 20	22 13.65	− 2 18.9	1.595	2.478	14.6	18.0
7 30	22 9.99	− 2 55.7	1.537	2.483	10.9	17.8
8 9	22 4.59	− 3 51.3	1.501	2.489	6.8	17.6
8 19	21 58.16	− 5 1.6	1.489	2.496	3.2	17.4
8 29	21 51.64	− 6 19.8	1.503	2.504	4.1	17.4
9 8	21 46.00	− 7 38.4	1.542	2.512	7.9	17.7
9 18	21 42.02	− 8 50.2	1.606	2.522	11.8	18.0
9 28	21 40.27	− 9 50.0	1.691	2.533	15.1	18.2

187467 2005 YS_{250} 8 20.0 355°.15 0°.1/19.9 18

7 20	22 15.66	−10 30.7	1.684	2.586	12.9	19.7
7 30	22 11.41	−11 3.0	1.621	2.582	9.1	19.4
8 9	22 5.37	−11 45.4	1.580	2.579	4.9	19.2
8 19	21 58.24	−12 33.3	1.564	2.576	0.4	18.8
8 29	21 50.96	−13 20.9	1.575	2.574	4.1	19.1
9 8	21 44.54	−14 2.6	1.611	2.573	8.4	19.4
9 18	21 39.79	−14 34.2	1.671	2.573	12.2	19.6
9 28	21 37.32	−14 53.0	1.751	2.574	15.5	19.8

156592 2002 GF_{59} 8 20.0 144°.18 0°.1/20.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 17.57	−10 6.1	2.525	3.406	9.9	21.3
7 30	22 12.21	−10 35.7	2.461	3.413	7.0	21.1
8 9	22 5.60	−11 12.1	2.423	3.419	3.8	20.9
8 19	21 58.26	−11 52.0	2.413	3.425	0.4	20.7
8 29	21 50.86	−12 31.8	2.432	3.430	3.0	20.9
9 8	21 44.08	−13 7.7	2.479	3.436	6.2	21.1
9 18	21 38.51	−13 37.0	2.553	3.441	9.1	21.3
9 28	21 34.59	−13 57.8	2.650	3.446	11.6	21.5

340407 2006 EZ_{65} 8 20.0 164°.72 2°.5/22.4 18

7 20	22 18.89	− 2 25.0	2.075	2.937	12.5	21.5
7 30	22 13.39	− 2 53.1	2.007	2.941	9.4	21.3
8 9	22 6.33	− 3 35.7	1.961	2.944	5.9	21.1
8 19	21 58.34	− 4 30.0	1.942	2.947	2.9	20.9
8 29	21 50.22	− 5 31.2	1.952	2.950	3.6	20.9
9 8	21 42.83	− 6 33.9	1.989	2.952	7.0	21.2
9 18	21 36.88	− 7 32.8	2.052	2.954	10.3	21.4
9 28	21 32.92	− 8 23.9	2.139	2.955	13.3	21.6

337305 2000 YM_{52} 8 20.0 268°.04 2°.9/17.4 18

7 20	22 20.63	−17 51.0	1.912	2.814	11.6	21.3
7 30	22 14.99	−18 50.5	1.830	2.793	8.2	21.0
8 9	22 7.38	−19 54.8	1.773	2.770	4.7	20.8
8 19	21 58.45	−20 57.6	1.742	2.748	3.0	20.6
8 29	21 49.15	−21 52.0	1.739	2.724	5.9	20.7
9 8	21 40.55	−22 32.6	1.763	2.701	9.7	20.9
9 18	21 33.60	−22 56.6	1.810	2.677	13.3	21.1
9 28	21 29.02	−23 3.1	1.878	2.653	16.4	21.3

122743 2000 SR_{54} 8 20.0 240°.26 5°.2/16.6 18 R

7 20	22 26.82	−25 45.0	1.778	2.678	12.4	19.9
7 30	22 19.31	−26 15.0	1.716	2.672	9.1	19.7
8 9	22 9.62	−26 39.6	1.678	2.666	6.2	19.5
8 19	21 58.65	−26 52.3	1.666	2.659	5.3	19.5
8 29	21 47.59	−26 48.1	1.681	2.652	7.5	19.6
9 8	21 37.70	−26 25.3	1.722	2.645	10.9	19.8
9 18	21 29.93	−25 45.0	1.786	2.638	14.1	20.0
9 28	21 24.93	−24 49.8	1.871	2.630	16.9	20.2

494397 2016 UP_{56} 8 20.0 304°.91 2°.5/21.9 17

7 20	22 17.47	− 4 13.3	1.702	2.583	13.9	21.3
7 30	22 12.87	− 4 28.0	1.613	2.558	10.4	21.0
8 9	22 6.30	− 4 58.9	1.546	2.534	6.5	20.8
8 19	21 58.35	− 5 43.4	1.503	2.511	2.9	20.5
8 29	21 49.99	− 6 36.9	1.487	2.487	4.2	20.5
9 8	21 42.30	− 7 33.2	1.496	2.463	8.4	20.7
9 18	21 36.24	− 8 26.2	1.530	2.440	12.6	20.9
9 28	21 32.60	− 9 10.5	1.585	2.418	16.4	21.1

38463 1999 TM_{22} 8 20.0 9°.29 0°.3/19.7 18

7 20	22 16.14	−10 58.8	1.641	2.544	13.1	18.6
7 30	22 11.74	−11 35.5	1.584	2.546	9.2	18.3
8 9	22 5.54	−12 22.1	1.550	2.549	4.9	18.1
8 19	21 58.27	−13 13.3	1.541	2.553	0.5	17.8
8 29	21 50.91	−14 3.0	1.558	2.557	4.2	18.1
9 8	21 44.46	−14 45.5	1.600	2.562	8.5	18.3
9 18	21 39.75	−15 16.9	1.666	2.567	12.3	18.6
9 28	21 37.35	−15 34.8	1.753	2.574	15.6	18.8

107375 2001 CK_{34} 8 20.0 221°.42 7°.5/12.2 18

7 20	22 22.66	−32 24.2	2.079	2.975	11.1	19.8
7 30	22 16.35	−33 53.5	2.026	2.968	8.9	19.7
8 9	22 8.05	−35 14.4	1.999	2.960	7.6	19.6
8 19	21 58.51	−36 18.9	1.997	2.953	7.9	19.6
8 29	21 48.78	−37 1.1	2.021	2.944	9.6	19.7
9 8	21 39.98	−37 18.1	2.070	2.935	12.0	19.8
9 18	21 33.01	−37 10.7	2.139	2.926	14.3	20.0
9 28	21 28.52	−36 41.9	2.227	2.917	16.4	20.1

389962 2012 TS_{196} 8 20.0 346°.44 10°.2/27.1 18

7 20	22 15.62	+ 9 39.0	1.319	2.158	19.6	19.7
7 30	22 11.88	+10 34.7	1.249	2.147	16.6	19.4
8 9	22 5.86	+11 1.1	1.197	2.138	13.5	19.2
8 19	21 58.32	+10 55.0	1.165	2.130	11.0	19.1
8 29	21 50.41	+10 16.9	1.154	2.124	10.3	19.0
9 8	21 43.44	+ 9 12.9	1.164	2.118	11.8	19.1
9 18	21 38.52	+ 7 52.3	1.196	2.114	14.8	19.2
9 28	21 36.46	+ 6 26.2	1.247	2.111	18.0	19.4

150298 1999 TH_{213} 8 20.0 266°.57 2°.6/17.7 18

7 20	22 20.57	−19 43.1	2.260	3.159	10.2	19.9
7 30	22 14.56	−20 9.0	2.189	3.149	7.2	19.7
8 9	22 6.97	−20 35.2	2.143	3.139	4.1	19.5
8 19	21 58.41	−20 57.5	2.124	3.129	2.7	19.4
8 29	21 49.72	−21 11.9	2.133	3.119	4.9	19.5
9 8	21 41.76	−21 15.7	2.170	3.108	8.1	19.7
9 18	21 35.25	−21 7.6	2.232	3.098	11.1	19.9
9 28	21 30.76	−20 47.8	2.315	3.087	13.7	20.1

39518 1988 CS_4 8 20.0 75°.19 4°.7/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 16.21	+ 5 10.5	1.788	2.627	15.2	18.4
7 30	22 11.70	+ 4 19.0	1.719	2.632	12.0	18.2
8 9	22 5.51	+ 3 2.7	1.671	2.637	8.5	18.0
8 19	21 58.28	+ 1 24.8	1.648	2.641	5.4	17.8
8 29	21 50.91	− 0 28.3	1.653	2.646	5.0	17.8
9 8	21 44.34	− 2 27.5	1.684	2.651	7.8	18.0
9 18	21 39.34	− 4 23.7	1.742	2.655	11.2	18.2
9 28	21 36.50	− 6 9.3	1.823	2.660	14.4	18.4

434375 2004 TM_{324} 8 20.0 351°.99 6°.4/17.2 18

7 20	22 28.34	−27 14.0	1.284	2.196	15.3	19.7
7 30	22 20.89	−27 18.5	1.230	2.191	11.4	19.5
8 9	22 10.62	−27 13.0	1.197	2.187	7.8	19.2
8 19	21 58.76	−26 50.2	1.188	2.183	6.5	19.2
8 29	21 46.95	−26 5.8	1.203	2.181	9.0	19.3
9 8	21 36.84	−25 0.0	1.242	2.179	12.9	19.5
9 18	21 29.58	−23 36.9	1.302	2.178	16.8	19.8
9 28	21 25.81	−22 1.3	1.381	2.178	20.2	20.0

391853 2008 SN_{298} 8 20.0 289°.88 0°.5/20.4 18

7 20	22 20.12	− 9 39.8	1.664	2.558	13.5	21.3
7 30	22 14.78	− 9 59.6	1.581	2.538	9.7	21.1
8 9	22 7.33	−10 30.7	1.520	2.517	5.4	20.8
8 19	21 58.47	−11 9.0	1.485	2.497	0.8	20.4
8 29	21 49.21	−11 49.2	1.476	2.476	4.2	20.6
9 8	21 40.72	−12 25.7	1.494	2.456	8.9	20.8
9 18	21 34.02	−12 53.8	1.535	2.435	13.2	21.0
9 28	21 29.87	−13 10.6	1.596	2.415	16.9	21.2

336140 2008 QR_{13} 8 20.0 314°.75 1°.8/21.1 18

7 20	22 19.16	− 7 29.8	1.373	2.272	15.4	20.6
7 30	22 14.47	− 7 30.0	1.290	2.247	11.4	20.3
8 9	22 7.33	− 7 44.5	1.227	2.223	6.7	20.0
8 19	21 58.48	− 8 10.6	1.188	2.198	2.2	19.6
8 29	21 49.09	− 8 43.3	1.174	2.175	4.7	19.7
9 8	21 40.56	− 9 16.2	1.183	2.152	9.9	20.0
9 18	21 34.10	− 9 43.8	1.215	2.130	14.8	20.2
9 28	21 30.61	−10 1.4	1.265	2.108	19.1	20.4

201606 2003 SC_{196} 8 20.0 38°.15 4°.4/23.4 18

7 20	22 19.62	− 0 1.2	1.760	2.619	14.5	19.6
7 30	22 14.14	+ 0 9.3	1.693	2.621	11.2	19.4
8 9	22 6.84	+ 0 2.6	1.647	2.622	7.7	19.2
8 19	21 58.42	− 0 20.1	1.627	2.624	4.8	19.1
8 29	21 49.85	− 0 55.3	1.632	2.626	5.0	19.1
9 8	21 42.14	− 1 37.9	1.664	2.627	8.1	19.3
9 18	21 36.12	− 2 22.3	1.720	2.629	11.6	19.5
9 28	21 32.40	− 3 3.1	1.798	2.631	14.7	19.7

153713 2001 US_{95} 8 20.0 194°.50 1°.4/18.8 18

7 20	22 21.27	−13 58.1	1.962	2.857	11.7	21.1
7 30	22 15.21	−14 45.7	1.896	2.855	8.2	20.8
8 9	22 7.39	−15 39.6	1.854	2.853	4.3	20.6
8 19	21 58.48	−16 34.5	1.839	2.850	1.4	20.4
8 29	21 49.41	−17 24.6	1.853	2.846	4.5	20.6
9 8	21 41.16	−18 5.0	1.894	2.842	8.4	20.8
9 18	21 34.54	−18 32.9	1.959	2.838	11.9	21.0
9 28	21 30.15	−18 46.8	2.047	2.833	14.8	21.2

257951 2000 YP_{111} 8 20.0 124°.42 4°.7/24.8 18

7 20	22 20.30	+ 4 29.3	2.694	3.507	11.4	20.4
7 30	22 14.06	+ 4 56.1	2.627	3.520	9.1	20.2
8 9	22 6.58	+ 5 9.3	2.584	3.532	6.8	20.1
8 19	21 58.40	+ 5 9.0	2.568	3.545	5.1	20.0
8 29	21 50.16	+ 4 56.8	2.581	3.557	4.9	20.0
9 8	21 42.53	+ 4 35.3	2.621	3.568	6.4	20.1
9 18	21 36.07	+ 4 8.2	2.689	3.580	8.6	20.3
9 28	21 31.24	+ 3 39.1	2.781	3.591	10.7	20.5

86304 1999 VC_{60} 8 20.0 346°.93 0°.2/19.9 18

7 20	22 16.09	−11 5.6	1.608	2.513	13.2	18.5
7 30	22 11.84	−11 31.0	1.541	2.504	9.4	18.3
8 9	22 5.67	−12 6.3	1.497	2.496	5.1	18.0
8 19	21 58.32	−12 46.9	1.477	2.489	0.5	17.6
8 29	21 50.78	−13 27.1	1.483	2.483	4.3	17.9
9 8	21 44.11	−14 1.4	1.514	2.477	8.7	18.2
9 18	21 39.20	−14 25.7	1.568	2.473	12.8	18.4
9 28	21 36.69	−14 37.5	1.643	2.469	16.2	18.6

473345 2015 TD_{193} 8 20.0 358°.03 0°.1/20.1 18

7 20	22 17.77	−10 57.6	1.801	2.698	12.4	20.4
7 30	22 12.80	−11 14.9	1.737	2.696	8.8	20.2
8 9	22 6.10	−11 40.5	1.697	2.695	4.8	19.9
8 19	21 58.36	−12 10.6	1.682	2.694	0.5	19.6
8 29	21 50.51	−12 40.5	1.694	2.694	3.9	19.9
9 8	21 43.50	−13 5.8	1.732	2.694	8.0	20.1
9 18	21 38.13	−13 23.1	1.795	2.695	11.7	20.3
9 28	21 34.98	−13 30.4	1.879	2.696	14.8	20.5

231285 2006 BJ_{58} 8 20.0 80°.10 3°.5/16.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 19.16	−17 7.7	1.656	2.565	12.6	19.9
7 30	22 13.86	−18 47.7	1.614	2.580	8.8	19.7
8 9	22 6.68	−20 31.8	1.597	2.595	5.0	19.5
8 19	21 58.42	−22 10.9	1.607	2.610	3.7	19.5
8 29	21 50.13	−23 36.3	1.643	2.625	6.5	19.7
9 8	21 42.88	−24 42.1	1.706	2.640	10.2	19.9
9 18	21 37.50	−25 25.9	1.791	2.655	13.5	20.2
9 28	21 34.56	−25 47.9	1.897	2.669	16.3	20.4

134574 1999 SF_{14} 8 20.0 13°.83 4°.2/22.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 19.48	− 3 42.6	1.066	1.967	18.7	18.6
7 30	22 14.76	− 3 21.1	1.016	1.970	14.1	18.3
8 9	22 7.43	− 3 20.5	0.984	1.974	9.0	18.0
8 19	21 58.51	− 3 38.8	0.973	1.979	4.7	17.8
8 29	21 49.48	− 4 10.7	0.985	1.985	5.8	17.9
9 8	21 41.85	− 4 48.4	1.019	1.992	10.5	18.2
9 18	21 36.78	− 5 24.6	1.074	2.001	15.3	18.5
9 28	21 34.95	− 5 53.1	1.147	2.010	19.3	18.8

343333 2010 CA_{29} 8 20.0 259°.65 1°.2/19.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 20.03	−12 57.1	1.893	2.789	12.0	21.3
7 30	22 14.54	−13 46.0	1.812	2.772	8.5	21.1
8 9	22 7.14	−14 43.6	1.755	2.754	4.5	20.8
8 19	21 58.50	−15 44.4	1.725	2.736	1.2	20.5
8 29	21 49.52	−16 42.2	1.723	2.718	4.6	20.7
9 8	21 41.25	−17 31.2	1.747	2.699	8.7	21.0
9 18	21 34.58	−18 7.6	1.796	2.679	12.5	21.2
9 28	21 30.22	−18 29.1	1.866	2.660	15.8	21.3

67958 2000 WK_{170} 8 20.0 10°.02 2°.8/21.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 22.08	− 7 52.6	1.009	1.921	18.6	18.2
7 30	22 16.73	− 7 18.0	0.959	1.922	13.7	17.9
8 9	22 8.54	− 6 58.4	0.928	1.924	8.1	17.6
8 19	21 58.62	− 6 51.7	0.918	1.928	3.2	17.4
8 29	21 48.61	− 6 53.8	0.931	1.932	5.5	17.5
9 8	21 40.17	− 6 59.0	0.965	1.938	11.0	17.8
9 18	21 34.52	− 7 2.3	1.020	1.945	16.0	18.2
9 28	21 32.36	− 6 59.4	1.093	1.953	20.2	18.5

387673 2002 SB_{44} 8 20.0 357°.61 13°.1/14.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 27.74	−39 36.3	1.085	1.992	17.9	18.3
7 30	22 20.99	−40 0.0	1.044	1.984	15.2	18.1
8 9	22 10.81	−39 57.2	1.021	1.979	13.4	18.0
8 19	21 58.82	−39 17.6	1.017	1.975	13.2	18.0
8 29	21 47.16	−37 56.9	1.035	1.974	14.9	18.1
9 8	21 37.83	−35 59.4	1.072	1.975	17.7	18.3
9 18	21 32.02	−33 34.4	1.128	1.978	20.7	18.5
9 28	21 30.19	−30 52.4	1.200	1.983	23.4	18.7

59129 1998 XC_{27} 8 20.0 151°.71 7°.4/27.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 21.10	+11 1.0	2.093	2.880	15.0	19.6
7 30	22 14.98	+11 19.2	2.023	2.890	12.6	19.5
8 9	22 7.23	+11 14.9	1.975	2.898	10.0	19.3
8 19	21 58.50	+10 47.8	1.950	2.906	8.0	19.2
8 29	21 49.63	+ 9 59.8	1.951	2.913	7.4	19.2
9 8	21 41.52	+ 8 56.1	1.979	2.919	8.6	19.3
9 18	21 34.91	+ 7 42.8	2.032	2.925	10.9	19.5
9 28	21 30.38	+ 6 27.1	2.109	2.930	13.3	19.6

281600 2008 UO_{180} 8 20.0 5°.00 0°.2/19.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 19.34	−11 21.7	1.428	2.334	14.5	20.5
7 30	22 14.25	−11 44.4	1.370	2.333	10.3	20.3
8 9	22 7.02	−12 17.3	1.334	2.334	5.5	20.0
8 19	21 58.48	−12 55.2	1.323	2.335	0.5	19.6
8 29	21 49.82	−13 31.8	1.337	2.336	4.6	20.0
9 8	21 42.27	−14 1.4	1.375	2.338	9.4	20.3
9 18	21 36.77	−14 20.1	1.436	2.341	13.7	20.5
9 28	21 33.99	−14 25.8	1.517	2.344	17.2	20.8

371366 2006 PH_{27} 8 20.0 334°.87 5°.6/17.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 25.13	−23 47.8	0.994	1.922	17.2	19.5
7 30	22 19.41	−23 46.1	0.931	1.903	12.7	19.2
8 9	22 10.25	−23 37.4	0.887	1.884	7.9	18.9
8 19	21 58.81	−23 13.5	0.863	1.867	5.7	18.7
8 29	21 47.00	−22 28.1	0.862	1.852	9.0	18.8
9 8	21 36.87	−21 20.1	0.882	1.838	14.3	19.1
9 18	21 29.98	−19 53.0	0.921	1.826	19.4	19.3
9 28	21 27.17	−18 11.9	0.976	1.815	23.7	19.6

429647 2011 FX_{155} 8 20.0 11°.66 9°.5/15.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 28.89	−33 10.8	1.245	2.154	15.9	20.2
7 30	22 21.32	−33 40.7	1.205	2.156	12.6	20.0
8 9	22 10.84	−33 53.9	1.185	2.159	10.1	19.9
8 19	21 58.83	−33 41.5	1.188	2.163	9.6	19.9
8 29	21 47.10	−32 59.0	1.213	2.168	11.6	20.0
9 8	21 37.34	−31 47.9	1.261	2.174	14.8	20.2
9 18	21 30.65	−30 14.0	1.329	2.181	18.0	20.4
9 28	21 27.54	−28 24.2	1.415	2.188	20.9	20.7

327150 2005 GS_{57} 8 20.0 208°.29 2°.3/21.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 20.66	− 3 47.3	1.658	2.534	14.5	21.5
7 30	22 15.05	− 4 19.7	1.587	2.530	10.7	21.3
8 9	22 7.43	− 5 9.6	1.538	2.526	6.6	21.0
8 19	21 58.54	− 6 12.8	1.514	2.522	2.7	20.8
8 29	21 49.40	− 7 23.5	1.517	2.517	4.1	20.9
9 8	21 41.13	− 8 34.1	1.546	2.511	8.4	21.1
9 18	21 34.67	− 9 38.2	1.601	2.506	12.5	21.4
9 28	21 30.70	−10 30.9	1.676	2.499	16.0	21.6

342364 2008 TR_{185} 8 20.0 6°.80 12°.2/11.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 19.29	−35 28.1	1.126	2.048	16.2	19.7
7 30	22 14.92	−37 11.6	1.097	2.048	13.6	19.5
8 9	22 7.58	−38 36.1	1.088	2.050	12.2	19.5
8 19	21 58.54	−39 29.1	1.099	2.054	12.8	19.5
8 29	21 49.56	−39 42.8	1.130	2.059	14.9	19.7
9 8	21 42.36	−39 16.7	1.180	2.066	17.7	19.9
9 18	21 38.11	−38 15.8	1.247	2.073	20.5	20.1
9 28	21 37.35	−36 47.6	1.328	2.083	22.9	20.3

288829 2004 RD_{188} 8 20.0 338°.68 3°.1/22.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 16.81	− 3 17.5	1.783	2.658	13.6	20.1
7 30	22 12.22	− 3 13.4	1.708	2.649	10.3	19.8
8 9	22 5.87	− 3 23.8	1.655	2.640	6.6	19.6
8 19	21 58.39	− 3 46.9	1.627	2.631	3.5	19.4
8 29	21 50.69	− 4 19.3	1.625	2.623	4.2	19.4
9 8	21 43.75	− 4 56.0	1.649	2.616	7.8	19.6
9 18	21 38.38	− 5 32.0	1.697	2.609	11.5	19.8
9 28	21 35.23	− 6 2.8	1.767	2.604	14.8	20.0

505267 2012 VA_{16} 8 20.0 92°.35 5°.1/16.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 23.03	−24 55.9	1.793	2.699	12.0	20.5
7 30	22 16.57	−25 43.9	1.742	2.702	8.8	20.4
8 9	22 8.15	−26 27.7	1.716	2.704	6.0	20.2
8 19	21 58.60	−27 0.8	1.715	2.707	5.3	20.2
8 29	21 49.04	−27 17.6	1.741	2.710	7.5	20.3
9 8	21 40.58	−27 15.8	1.792	2.713	10.6	20.5
9 18	21 34.09	−26 55.6	1.866	2.716	13.7	20.7
9 28	21 30.14	−26 19.2	1.959	2.719	16.3	20.9

50251 lorg 8 20.0 117°.00 0°.5/20.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 19.18	− 8 32.8	2.051	2.934	11.8	19.2
7 30	22 13.57	− 9 9.0	1.994	2.945	8.4	19.0
8 9	22 6.44	− 9 54.8	1.961	2.956	4.6	18.8
8 19	21 58.44	−10 46.2	1.955	2.967	0.8	18.6
8 29	21 50.39	−11 38.0	1.978	2.977	3.4	18.8
9 8	21 43.15	−12 25.5	2.028	2.987	7.2	19.0
9 18	21 37.40	−13 5.0	2.103	2.997	10.5	19.3
9 28	21 33.66	−13 33.8	2.202	3.006	13.3	19.5

480788 2016 PH_{30} 8 20.0 320°.31 8°.7/12.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 18.05	−27 47.2	1.324	2.248	14.1	19.9
7 30	22 13.95	−29 44.2	1.263	2.227	10.9	19.6
8 9	22 7.16	−31 38.4	1.225	2.206	8.9	19.5
8 19	21 58.53	−33 16.9	1.209	2.186	9.3	19.4
8 29	21 49.45	−34 27.9	1.217	2.167	12.1	19.5
9 8	21 41.49	−35 4.8	1.246	2.149	15.7	19.7
9 18	21 35.96	−35 6.9	1.293	2.131	19.3	19.9
9 28	21 33.74	−34 37.5	1.356	2.114	22.3	20.1

45219 1999 XE_{187} 8 20.0 332°.74 11°.5/25.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 27.27	+10 45.5	1.504	2.308	19.2	18.2
7 30	22 20.05	+12 38.6	1.435	2.306	16.5	18.0
8 9	22 10.29	+14 8.0	1.386	2.304	13.8	17.8
8 19	21 58.83	+15 7.9	1.359	2.303	11.9	17.7
8 29	21 46.95	+15 35.4	1.356	2.301	11.6	17.7
9 8	21 36.05	+15 32.9	1.376	2.300	13.0	17.8
9 18	21 27.35	+15 6.8	1.418	2.298	15.4	17.9
9 28	21 21.69	+14 26.1	1.480	2.297	18.1	18.1

479578 2014 CB_{16} 8 20.0 215°.96 4°.7/15.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 24.21	−26 5.0	2.287	3.181	10.2	21.8
7 30	22 17.19	−26 50.3	2.221	3.173	7.6	21.6
8 9	22 8.44	−27 31.5	2.181	3.165	5.3	21.4
8 19	21 58.64	−28 3.1	2.168	3.155	4.9	21.4
8 29	21 48.72	−28 20.3	2.183	3.145	6.7	21.5
9 8	21 39.61	−28 21.0	2.226	3.135	9.4	21.6
9 18	21 32.13	−28 5.0	2.292	3.124	12.1	21.8
9 28	21 26.85	−27 33.9	2.380	3.112	14.4	22.0

265336 2004 PP_{43} 8 20.0 336°.42 1°.1/20.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 18.45	− 9 18.7	1.686	2.581	13.3	20.2
7 30	22 13.48	− 9 15.1	1.612	2.568	9.6	19.9
8 9	22 6.59	− 9 21.0	1.561	2.556	5.5	19.6
8 19	21 58.48	− 9 33.8	1.534	2.545	1.4	19.3
8 29	21 50.12	− 9 49.4	1.534	2.534	4.0	19.5
9 8	21 42.61	−10 3.8	1.559	2.525	8.3	19.8
9 18	21 36.82	−10 13.3	1.608	2.516	12.3	20.0
9 28	21 33.44	−10 15.2	1.678	2.507	15.8	20.2

269834 2000 BG_{13} 8 20.0 226°.47 0°.6/20.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 22.05	− 9 2.9	1.795	2.681	13.1	21.9
7 30	22 15.96	− 9 28.7	1.720	2.672	9.4	21.6
8 9	22 7.91	−10 5.4	1.668	2.663	5.2	21.4
8 19	21 58.61	−10 49.0	1.642	2.653	0.9	21.0
8 29	21 49.04	−11 34.2	1.644	2.643	4.0	21.3
9 8	21 40.30	−12 15.4	1.673	2.633	8.3	21.5
9 18	21 33.29	−12 48.4	1.726	2.622	12.3	21.7
9 28	21 28.69	−13 10.4	1.801	2.610	15.7	21.9

513782 2013 AZ_{41} 8 20.0 296°.71 1°.0/19.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 22.98	−15 10.0	1.835	2.731	12.3	20.8
7 30	22 16.57	−15 11.5	1.761	2.720	8.7	20.6
8 9	22 8.21	−15 16.5	1.711	2.709	4.7	20.3
8 19	21 58.64	−15 21.3	1.687	2.699	1.1	20.1
8 29	21 48.87	−15 22.1	1.692	2.688	4.4	20.3
9 8	21 40.00	−15 15.9	1.723	2.678	8.6	20.5
9 18	21 32.91	−15 1.2	1.778	2.667	12.3	20.7
9 28	21 28.25	−14 37.3	1.855	2.657	15.5	20.9

251727 1998 FJ_{38} 8 20.0 165°.89 2°.3/18.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 25.83	−17 13.4	1.871	2.766	12.2	21.3
7 30	22 18.44	−17 50.5	1.813	2.772	8.5	21.1
8 9	22 9.14	−18 30.1	1.780	2.777	4.7	20.9
8 19	21 58.73	−19 6.6	1.774	2.782	2.3	20.7
8 29	21 48.26	−19 34.9	1.796	2.785	5.2	20.9
9 8	21 38.82	−19 51.2	1.845	2.788	9.0	21.2
9 18	21 31.28	−19 54.1	1.920	2.790	12.5	21.4
9 28	21 26.20	−19 43.8	2.015	2.791	15.4	21.6

91052 1998 FW_{38} 8 20.0 204°.14 0°.8/19.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 21.80	−13 6.7	1.946	2.838	11.9	19.9
7 30	22 15.61	−13 35.1	1.878	2.835	8.4	19.7
8 9	22 7.65	−14 9.8	1.834	2.832	4.5	19.5
8 19	21 58.59	−14 46.4	1.816	2.828	0.8	19.2
8 29	21 49.38	−15 20.0	1.827	2.824	4.2	19.4
9 8	21 41.01	−15 46.3	1.866	2.819	8.1	19.7
9 18	21 34.28	−16 2.6	1.929	2.814	11.7	19.9
9 28	21 29.80	−16 7.5	2.013	2.809	14.7	20.1

254183 2004 RM_{20} 8 20.0 298°.10 1°.7/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 16.24	− 5 13.9	2.092	2.968	11.9	20.5
7 30	22 11.67	− 5 40.5	2.009	2.953	8.8	20.3
8 9	22 5.54	− 6 19.9	1.949	2.939	5.3	20.0
8 19	21 58.40	− 7 9.2	1.915	2.924	2.0	19.8
8 29	21 51.01	− 8 4.0	1.909	2.910	3.4	19.9
9 8	21 44.23	− 8 59.1	1.931	2.895	7.1	20.1
9 18	21 38.78	− 9 49.6	1.978	2.881	10.6	20.2
9 28	21 35.27	−10 31.7	2.047	2.867	13.7	20.4

313253 2001 VS_{89} 8 20.0 321°.13 3°.5/21.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 20.09	− 5 44.9	1.063	1.969	18.3	20.6
7 30	22 15.59	− 5 23.3	0.992	1.951	13.8	20.2
8 9	22 8.16	− 5 19.7	0.940	1.934	8.6	19.9
8 19	21 58.67	− 5 32.6	0.909	1.917	3.9	19.6
8 29	21 48.62	− 5 57.3	0.900	1.901	5.8	19.6
9 8	21 39.72	− 6 26.9	0.912	1.886	11.4	19.9
9 18	21 33.43	− 6 54.2	0.945	1.872	16.8	20.1
9 28	21 30.74	− 7 13.3	0.995	1.859	21.5	20.4

35656 1998 OZ_{12} 8 20.0 357°.47 0°.4/19.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 21.90	−13 46.5	1.931	2.824	11.9	17.1
7 30	22 15.63	−13 38.5	1.865	2.823	8.4	16.9
8 9	22 7.62	−13 34.5	1.824	2.822	4.5	16.7
8 19	21 58.59	−13 31.8	1.809	2.821	0.5	16.3
8 29	21 49.49	−13 27.2	1.823	2.821	3.9	16.6
9 8	21 41.28	−13 18.1	1.863	2.821	7.8	16.9
9 18	21 34.75	−13 3.0	1.929	2.821	11.3	17.1
9 28	21 30.47	−12 41.1	2.016	2.822	14.3	17.3

192347 1995 SK_{32} 8 20.0 31°.89 3°.7/18.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 27.96	−21 41.8	1.401	2.309	14.6	19.0
7 30	22 20.27	−21 37.1	1.353	2.316	10.4	18.7
8 9	22 10.19	−21 29.0	1.328	2.324	6.0	18.5
8 19	21 58.83	−21 12.1	1.327	2.333	3.7	18.4
8 29	21 47.64	−20 42.9	1.353	2.342	6.6	18.6
9 8	21 38.00	−20 0.6	1.404	2.352	10.8	18.9
9 18	21 30.90	−19 6.6	1.477	2.362	14.7	19.1
9 28	21 26.89	−18 3.3	1.571	2.372	17.9	19.4

232187 2002 EM_{138} 8 20.0 248°.18 0°.7/20.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 19.26	− 7 32.2	1.915	2.798	12.5	21.5
7 30	22 13.94	− 8 13.0	1.834	2.785	9.0	21.2
8 9	22 6.83	− 9 6.6	1.777	2.772	5.1	21.0
8 19	21 58.54	−10 8.7	1.747	2.758	1.1	20.7
8 29	21 49.97	−11 13.8	1.744	2.744	3.7	20.8
9 8	21 42.08	−12 15.6	1.769	2.729	7.9	21.1
9 18	21 35.73	−13 9.0	1.818	2.715	11.7	21.3
9 28	21 31.57	−13 50.4	1.890	2.699	15.0	21.5

193537 2000 YU_{112} 8 20.0 251°.75 2°.1/18.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 20.58	−16 2.2	2.004	2.902	11.3	20.8
7 30	22 14.87	−16 53.8	1.925	2.886	8.0	20.6
8 9	22 7.33	−17 50.8	1.871	2.870	4.3	20.3
8 19	21 58.59	−18 47.7	1.844	2.853	2.2	20.2
8 29	21 49.57	−19 38.4	1.845	2.835	5.0	20.3
9 8	21 41.24	−20 17.9	1.874	2.817	8.8	20.5
9 18	21 34.48	−20 43.4	1.926	2.799	12.3	20.7
9 28	21 29.95	−20 53.6	2.000	2.780	15.3	20.9

374797 2006 TA_{98} 8 20.0 330°.99 0°.5/20.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 17.06	− 9 49.3	1.082	2.000	17.0	21.2
7 30	22 13.36	−10 7.6	1.013	1.982	12.3	20.9
8 9	22 6.91	−10 42.0	0.964	1.964	6.9	20.5
8 19	21 58.57	−11 27.1	0.936	1.948	0.9	20.0
8 29	21 49.76	−12 15.0	0.930	1.932	5.4	20.3
9 8	21 42.09	−12 57.2	0.947	1.918	11.4	20.6
9 18	21 36.91	−13 26.9	0.983	1.905	16.8	20.9
9 28	21 35.15	−13 40.0	1.036	1.894	21.3	21.1

49900 1999 XV_{163} 8 20.1 5°.30 6°.1/14.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 17.53	−23 18.4	1.515	2.435	12.9	16.7
7 30	22 13.06	−25 3.4	1.468	2.435	9.4	16.5
8 9	22 6.44	−26 47.6	1.444	2.435	6.6	16.3
8 19	21 58.51	−28 20.6	1.446	2.436	6.4	16.3
8 29	21 50.43	−29 33.3	1.473	2.438	9.0	16.5
9 8	21 43.43	−30 20.3	1.523	2.440	12.4	16.7
9 18	21 38.47	−30 40.4	1.594	2.442	15.7	16.9
9 28	21 36.20	−30 35.4	1.683	2.446	18.4	17.1

513854 2013 GE_{99} 8 20.1 140°.40 2°.6/17.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 18.78	−20 3.1	2.677	3.573	8.9	22.2
7 30	22 13.07	−20 49.8	2.624	3.583	6.2	22.0
8 9	22 6.12	−21 36.6	2.597	3.592	3.7	21.9
8 19	21 58.47	−22 19.3	2.599	3.601	2.7	21.8
8 29	21 50.79	−22 54.0	2.630	3.610	4.6	22.0
9 8	21 43.77	−23 18.0	2.689	3.618	7.2	22.2
9 18	21 37.97	−23 30.1	2.773	3.626	9.6	22.3
9 28	21 33.84	−23 30.1	2.880	3.633	11.7	22.5

445451 2010 UJ_{101} 8 20.1 311°.85 0°.6/20.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 16.82	− 8 35.0	1.882	2.772	12.3	20.9
7 30	22 12.24	− 9 3.8	1.802	2.757	8.9	20.7
8 9	22 5.91	− 9 43.9	1.745	2.741	5.0	20.4
8 19	21 58.46	−10 31.6	1.715	2.726	0.9	20.1
8 29	21 50.75	−11 21.7	1.711	2.711	3.7	20.3
9 8	21 43.72	−12 8.8	1.734	2.697	7.9	20.5
9 18	21 38.20	−12 48.4	1.781	2.683	11.7	20.7
9 28	21 34.83	−13 17.0	1.850	2.669	14.9	20.9

119357 2001 SM_{238} 8 20.1 109°.76 2°.2/22.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 19.03	− 3 2.0	1.676	2.550	14.4	19.1
7 30	22 13.77	− 3 49.4	1.617	2.559	10.6	18.9
8 9	22 6.70	− 4 54.6	1.580	2.568	6.5	18.6
8 19	21 58.53	− 6 12.8	1.569	2.577	2.6	18.4
8 29	21 50.28	− 7 37.0	1.586	2.586	3.9	18.5
9 8	21 42.95	− 8 59.4	1.629	2.594	8.0	18.8
9 18	21 37.38	−10 13.5	1.697	2.603	11.9	19.0
9 28	21 34.14	−11 14.4	1.786	2.611	15.2	19.3

423311 2005 EK_{227} 8 20.1 287°.75 0°.1/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 22.38	−10 41.9	1.405	2.305	15.0	21.5
7 30	22 16.91	−11 9.6	1.316	2.277	10.9	21.2
8 9	22 8.80	−11 50.4	1.249	2.248	6.0	20.8
8 19	21 58.77	−12 39.5	1.206	2.218	0.6	20.3
8 29	21 48.06	−13 29.7	1.189	2.188	5.1	20.6
9 8	21 38.14	−14 13.5	1.196	2.158	10.7	20.8
9 18	21 30.34	−14 45.4	1.226	2.128	15.7	21.0
9 28	21 25.67	−15 1.8	1.274	2.098	20.1	21.2

52312 1991 VG_{9} 8 20.1 17°.89 1°.7/18.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 18.06	−14 36.5	1.734	2.640	12.4	18.8
7 30	22 13.10	−15 21.9	1.678	2.642	8.6	18.6
8 9	22 6.33	−16 13.3	1.645	2.645	4.6	18.4
8 19	21 58.51	−17 5.1	1.638	2.649	1.7	18.2
8 29	21 50.60	−17 51.1	1.658	2.652	4.9	18.4
9 8	21 43.61	−18 26.3	1.704	2.656	8.8	18.7
9 18	21 38.34	−18 48.0	1.773	2.661	12.4	18.9
9 28	21 35.38	−18 54.9	1.863	2.666	15.5	19.1

213477 2002 EE_{134} 8 20.1 171°.25 0°.3/19.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 23.81	−11 22.2	1.525	2.421	14.3	21.3
7 30	22 17.37	−11 50.7	1.464	2.423	10.2	21.1
8 9	22 8.72	−12 28.8	1.427	2.425	5.5	20.8
8 19	21 58.75	−13 11.3	1.414	2.426	0.5	20.5
8 29	21 48.63	−13 51.9	1.428	2.427	4.6	20.8
9 8	21 39.63	−14 24.8	1.469	2.428	9.4	21.1
9 18	21 32.73	−14 46.5	1.532	2.428	13.6	21.3
9 28	21 28.60	−14 55.1	1.616	2.428	17.1	21.6

382545 2001 UF_{106} 8 20.1 311°.29 2°.2/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 17.82	− 5 14.7	1.394	2.288	15.6	21.2
7 30	22 13.47	− 5 35.5	1.316	2.269	11.6	20.9
8 9	22 6.81	− 6 14.8	1.258	2.251	7.0	20.6
8 19	21 58.58	− 7 9.0	1.223	2.233	2.6	20.3
8 29	21 49.91	− 8 12.0	1.214	2.215	4.6	20.3
9 8	21 42.10	− 9 15.6	1.229	2.198	9.6	20.6
9 18	21 36.29	−10 12.6	1.266	2.181	14.3	20.8
9 28	21 33.31	−10 57.1	1.323	2.166	18.4	21.0

260465 2005 BZ_{3} 8 20.1 277°.96 0°.6/20.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 17.50	− 9 11.6	2.385	3.266	10.4	20.9
7 30	22 12.38	− 9 28.0	2.305	3.255	7.5	20.7
8 9	22 5.87	− 9 52.1	2.250	3.244	4.2	20.5
8 19	21 58.47	−10 21.3	2.222	3.233	0.8	20.2
8 29	21 50.91	−10 52.0	2.222	3.222	3.1	20.4
9 8	21 43.92	−11 20.6	2.251	3.211	6.5	20.6
9 18	21 38.15	−11 44.2	2.305	3.200	9.7	20.8
9 28	21 34.14	−12 0.3	2.383	3.188	12.4	20.9

158707 2003 GQ_{7} 8 20.1 57°.61 3°.2/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 18.98	− 1 37.7	1.438	2.316	16.1	19.8
7 30	22 13.85	− 2 9.5	1.392	2.334	12.1	19.6
8 9	22 6.75	− 3 1.6	1.367	2.352	7.6	19.4
8 19	21 58.56	− 4 9.3	1.365	2.371	3.7	19.2
8 29	21 50.39	− 5 25.6	1.390	2.390	4.5	19.3
9 8	21 43.35	− 6 41.9	1.440	2.409	8.5	19.6
9 18	21 38.31	− 7 51.2	1.513	2.428	12.5	19.9
9 28	21 35.80	− 8 48.2	1.608	2.447	15.9	20.1

519245 2010 XU_{87} 8 20.1 176°.64 6°.1/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 16.76	+ 9 54.3	2.549	3.338	12.6	21.6
7 30	22 11.78	+10 8.4	2.471	3.339	10.5	21.4
8 9	22 5.51	+10 4.5	2.414	3.339	8.4	21.3
8 19	21 58.45	+ 9 42.4	2.382	3.340	6.7	21.2
8 29	21 51.24	+ 9 3.9	2.377	3.340	6.2	21.2
9 8	21 44.58	+ 8 12.6	2.398	3.340	7.3	21.2
9 18	21 39.06	+ 7 13.1	2.446	3.340	9.2	21.4
9 28	21 35.17	+ 6 10.8	2.517	3.340	11.3	21.5

366173 2012 FY_{82} 8 20.1 227°.55 3°.9/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 15.69	+ 4 22.2	2.756	3.576	11.0	21.5
7 30	22 10.98	+ 4 1.1	2.666	3.567	8.7	21.3
8 9	22 5.08	+ 3 24.8	2.600	3.557	6.3	21.1
8 19	21 58.42	+ 2 34.4	2.561	3.547	4.3	21.0
8 29	21 51.58	+ 1 32.7	2.550	3.537	4.1	20.9
9 8	21 45.21	+ 0 24.1	2.568	3.526	5.9	21.1
9 18	21 39.84	− 0 46.9	2.613	3.515	8.4	21.2
9 28	21 35.95	− 1 55.6	2.684	3.504	10.8	21.3

472151 2014 CO_{20} 8 20.1 255°.06 1°.3/19.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 28.94	−16 51.2	1.787	2.678	12.8	20.3
7 30	22 20.80	−16 33.5	1.715	2.671	9.1	20.0
8 9	22 10.52	−16 16.4	1.667	2.665	4.9	19.8
8 19	21 58.95	−15 56.5	1.647	2.658	1.3	19.5
8 29	21 47.25	−15 31.0	1.656	2.651	4.6	19.7
9 8	21 36.64	−14 58.3	1.692	2.644	8.9	20.0
9 18	21 28.08	−14 18.5	1.754	2.637	12.8	20.2
9 28	21 22.22	−13 32.0	1.837	2.630	16.0	20.4

188173 2002 HN_{15} 8 20.1 199°.50 0°.5/19.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 17.66	−11 59.6	2.568	3.454	9.6	20.9
7 30	22 12.39	−12 35.8	2.496	3.451	6.7	20.7
8 9	22 5.83	−13 17.8	2.451	3.448	3.6	20.5
8 19	21 58.50	−14 2.2	2.433	3.445	0.5	20.2
8 29	21 51.04	−14 45.1	2.445	3.441	3.2	20.4
9 8	21 44.16	−15 22.6	2.485	3.437	6.4	20.6
9 18	21 38.45	−15 52.2	2.551	3.433	9.3	20.8
9 28	21 34.38	−16 12.2	2.640	3.429	11.8	21.0

504107 2006 HU_{36} 8 20.1 170°.38 10°.0/ 6.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 28.70	−47 29.3	2.616	3.452	11.0	22.8
7 30	22 20.68	−49 12.0	2.592	3.457	10.2	22.7
8 9	22 10.48	−50 36.6	2.593	3.462	10.0	22.7
8 19	21 58.95	−51 36.5	2.618	3.465	10.6	22.8
8 29	21 47.28	−52 7.6	2.667	3.468	11.6	22.8
9 8	21 36.69	−52 10.0	2.736	3.470	12.9	22.9
9 18	21 28.18	−51 46.5	2.824	3.472	14.1	23.1
9 28	21 22.39	−51 1.6	2.926	3.472	15.1	23.2

508011 2015 BB_{313} 8 20.1 243°.13 0°.8/19.5 17 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 22.74	−11 54.3	1.676	2.571	13.3	22.0
7 30	22 16.68	−12 36.5	1.598	2.557	9.5	21.8
8 9	22 8.45	−13 28.8	1.543	2.542	5.1	21.5
8 19	21 58.78	−14 25.6	1.515	2.526	0.8	21.1
8 29	21 48.74	−15 20.3	1.513	2.510	4.7	21.4
9 8	21 39.53	−16 6.5	1.538	2.494	9.4	21.6
9 18	21 32.20	−16 40.0	1.587	2.476	13.6	21.9
9 28	21 27.49	−16 58.5	1.657	2.459	17.1	22.1

334374 2002 AN_{115} 8 20.1 111°.22 1°.6/21.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 23.19	− 7 11.2	1.849	2.726	13.1	20.7
7 30	22 16.52	− 7 13.7	1.793	2.739	9.5	20.5
8 9	22 8.11	− 7 26.7	1.761	2.752	5.6	20.3
8 19	21 58.73	− 7 47.3	1.756	2.765	1.9	20.1
8 29	21 49.34	− 8 11.6	1.779	2.778	3.7	20.2
9 8	21 40.94	− 8 35.3	1.828	2.790	7.6	20.5
9 18	21 34.29	− 8 55.0	1.904	2.802	11.2	20.7
9 28	21 29.93	− 9 7.9	2.001	2.814	14.2	21.0

506928 2008 FZ_{20} 8 20.1 237°.51 4°.6/16.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 23.17	−21 32.9	1.678	2.586	12.6	21.7
7 30	22 17.00	−22 42.0	1.613	2.576	9.1	21.5
8 9	22 8.61	−23 52.2	1.572	2.565	5.8	21.3
8 19	21 58.79	−24 55.2	1.556	2.554	4.8	21.2
8 29	21 48.71	−25 43.4	1.567	2.543	7.5	21.3
9 8	21 39.60	−26 11.9	1.604	2.531	11.2	21.5
9 18	21 32.51	−26 19.2	1.663	2.519	14.7	21.7
9 28	21 28.15	−26 6.4	1.741	2.507	17.8	21.9

453131 2008 AT_{33} 8 20.1 184°.85 7°.6/12.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 22.55	−20 2.4	1.178	2.100	15.6	20.4
7 30	22 17.30	−23 30.5	1.131	2.101	11.2	20.2
8 9	22 9.09	−27 6.2	1.109	2.101	7.9	20.0
8 19	21 58.85	−30 28.7	1.114	2.100	8.4	20.0
8 29	21 48.15	−33 18.4	1.144	2.100	12.1	20.2
9 8	21 38.74	−35 24.0	1.197	2.098	16.4	20.5
9 18	21 32.05	−36 43.5	1.270	2.097	20.2	20.7
9 28	21 28.99	−37 21.3	1.358	2.094	23.2	21.0

22810 Rawat 8 20.1 328°.66 0°.1/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 21.37	−11 30.7	1.201	2.113	16.2	18.4
7 30	22 16.18	−11 38.3	1.137	2.103	11.7	18.1
8 9	22 8.35	−11 57.0	1.093	2.093	6.4	17.8
8 19	21 58.78	−12 21.8	1.072	2.084	0.6	17.4
8 29	21 48.91	−12 46.3	1.075	2.075	5.2	17.7
9 8	21 40.25	−13 4.5	1.101	2.068	10.8	18.0
9 18	21 34.05	−13 12.1	1.148	2.061	15.7	18.2
9 28	21 31.10	−13 6.9	1.213	2.054	19.9	18.5

184376 2005 KS_{9} 8 20.1 31°.87 6°.2/16.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 21.05	−22 21.0	1.071	2.000	16.2	19.2
7 30	22 15.89	−23 33.2	1.040	2.013	11.6	19.0
8 9	22 8.04	−24 42.6	1.030	2.026	7.5	18.8
8 19	21 58.73	−25 38.3	1.041	2.040	6.4	18.8
8 29	21 49.57	−26 11.5	1.075	2.055	9.4	19.0
9 8	21 42.12	−26 18.3	1.131	2.071	13.6	19.3
9 18	21 37.42	−26 0.0	1.206	2.088	17.5	19.6
9 28	21 36.01	−25 19.9	1.298	2.105	20.7	19.9

142548 2002 TG_{53} 8 20.1 301°.91 2°.2/18.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 19.30	−13 53.7	1.372	2.285	14.5	19.7
7 30	22 14.74	−14 53.2	1.290	2.257	10.3	19.4
8 9	22 7.64	−16 5.2	1.229	2.230	5.6	19.0
8 19	21 58.73	−17 22.1	1.192	2.202	2.2	18.7
8 29	21 49.21	−18 34.6	1.180	2.175	6.3	18.9
9 8	21 40.52	−19 33.7	1.192	2.148	11.5	19.1
9 18	21 33.95	−20 13.7	1.226	2.121	16.3	19.4
9 28	21 30.46	−20 32.0	1.278	2.094	20.5	19.6

228522 2001 UY_{25} 8 20.1 285°.97 0°.7/20.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 22.24	− 9 55.1	1.582	2.476	14.1	20.0
7 30	22 16.44	−10 1.1	1.502	2.458	10.2	19.7
8 9	22 8.38	−10 17.4	1.443	2.440	5.7	19.4
8 19	21 58.81	−10 40.5	1.410	2.422	1.0	19.0
8 29	21 48.84	−11 5.5	1.403	2.404	4.3	19.2
9 8	21 39.73	−11 27.3	1.422	2.385	9.2	19.5
9 18	21 32.56	−11 42.0	1.465	2.367	13.6	19.7
9 28	21 28.11	−11 46.9	1.528	2.349	17.4	19.9

441070 2007 RA_{63} 8 20.1 309°.73 1°.9/21.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 15.56	− 3 22.6	1.562	2.447	14.7	20.9
7 30	22 11.80	− 4 19.2	1.468	2.417	11.0	20.6
8 9	22 5.94	− 5 38.6	1.397	2.388	6.7	20.3
8 19	21 58.58	− 7 17.0	1.350	2.359	2.4	20.0
8 29	21 50.68	− 9 6.5	1.329	2.330	4.2	20.0
9 8	21 43.41	−10 57.1	1.333	2.302	9.1	20.2
9 18	21 37.85	−12 39.3	1.362	2.273	13.8	20.4
9 28	21 34.85	−14 5.4	1.412	2.246	17.9	20.6

17256 2000 HZ_{22} 8 20.1 314°.86 2°.3/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 15.88	− 3 55.2	1.562	2.448	14.6	17.4
7 30	22 12.02	− 4 27.6	1.469	2.418	11.0	17.1
8 9	22 6.06	− 5 19.8	1.398	2.388	6.8	16.8
8 19	21 58.59	− 6 28.8	1.350	2.359	2.7	16.5
8 29	21 50.61	− 7 48.6	1.329	2.330	4.3	16.5
9 8	21 43.26	− 9 10.9	1.332	2.301	9.0	16.7
9 18	21 37.63	−10 27.6	1.359	2.273	13.6	16.9
9 28	21 34.57	−11 32.0	1.406	2.246	17.7	17.1

450648 2006 UC_{63} 8 20.1 121°.22 17°.7/ 3.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 35.21	+25 1.8	0.910	1.673	31.6	21.9
7 30	22 26.31	+25 44.5	0.874	1.703	27.8	21.7
8 9	22 13.83	+25 27.7	0.849	1.730	23.8	21.6
8 19	21 59.33	+24 4.7	0.838	1.756	20.2	21.4
8 29	21 45.02	+21 39.0	0.845	1.779	18.0	21.4
9 8	21 33.08	+18 28.1	0.872	1.801	17.9	21.5
9 18	21 24.95	+14 56.0	0.919	1.820	19.9	21.7
9 28	21 21.26	+11 27.0	0.985	1.836	22.7	22.0

154206 2002 HD_{16} 8 20.1 112°.44 0°.4/20.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 17.73	− 9 13.0	2.375	3.257	10.4	21.1
7 30	22 12.46	− 9 44.0	2.316	3.266	7.4	20.9
8 9	22 5.88	−10 22.7	2.281	3.276	4.1	20.7
8 19	21 58.56	−11 5.9	2.274	3.286	0.6	20.5
8 29	21 51.18	−11 49.3	2.296	3.295	3.0	20.7
9 8	21 44.48	−12 29.1	2.345	3.304	6.4	20.9
9 18	21 39.05	−13 2.1	2.422	3.313	9.4	21.1
9 28	21 35.34	−13 26.3	2.521	3.322	11.9	21.3

134763 2000 CY_{89} 8 20.1 91°.21 1°.9/18.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 20.05	−15 27.0	1.860	2.761	11.9	19.8
7 30	22 14.39	−16 14.9	1.808	2.771	8.3	19.6
8 9	22 7.02	−17 7.4	1.781	2.780	4.4	19.4
8 19	21 58.67	−17 58.8	1.780	2.789	1.9	19.2
8 29	21 50.29	−18 43.5	1.807	2.799	4.8	19.4
9 8	21 42.83	−19 16.9	1.860	2.808	8.6	19.7
9 18	21 37.07	−19 36.7	1.937	2.817	11.9	19.9
9 28	21 33.54	−19 42.3	2.036	2.826	14.8	20.1

58999 1998 SP_{23} 8 20.1 270°.26 5°.5/16.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 23.49	−23 32.2	1.530	2.441	13.4	19.1
7 30	22 17.38	−24 34.0	1.469	2.432	9.7	18.9
8 9	22 8.87	−25 34.2	1.432	2.423	6.5	18.7
8 19	21 58.87	−26 24.3	1.419	2.414	5.7	18.6
8 29	21 48.64	−26 56.6	1.432	2.405	8.3	18.8
9 8	21 39.55	−27 6.8	1.469	2.396	12.1	19.0
9 18	21 32.69	−26 54.6	1.528	2.387	15.7	19.2
9 28	21 28.78	−26 22.3	1.604	2.378	18.8	19.4

115595 2003 UZ_{98} 8 20.1 338°.81 9°.4/12.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 19.50	−31 13.9	1.368	2.286	14.1	18.0
7 30	22 14.87	−32 48.6	1.318	2.274	11.3	17.8
8 9	22 7.64	−34 13.8	1.290	2.263	9.5	17.7
8 19	21 58.75	−35 18.2	1.285	2.253	9.9	17.7
8 29	21 49.65	−35 53.0	1.302	2.244	12.2	17.8
9 8	21 41.84	−35 54.6	1.341	2.236	15.3	17.9
9 18	21 36.51	−35 24.7	1.397	2.229	18.4	18.1
9 28	21 34.36	−34 27.9	1.470	2.222	21.1	18.3

347793 2002 GB_{181} 8 20.1 152°.99 0°.6/19.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 16.56	−11 2.1	2.611	3.496	9.5	21.5
7 30	22 11.61	−12 9.1	2.547	3.502	6.6	21.4
8 9	22 5.44	−13 23.2	2.510	3.507	3.5	21.2
8 19	21 58.53	−14 40.0	2.501	3.513	0.6	20.9
8 29	21 51.52	−15 54.3	2.522	3.518	3.3	21.2
9 8	21 45.07	−17 1.6	2.573	3.522	6.4	21.4
9 18	21 39.76	−17 58.5	2.650	3.527	9.2	21.6
9 28	21 36.03	−18 43.0	2.750	3.531	11.6	21.7

71610 2000 DT_{107} 8 20.1 264°.76 2°.2/17.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 18.02	−17 50.2	2.377	3.276	9.7	19.5
7 30	22 12.79	−18 30.4	2.308	3.269	6.8	19.3
8 9	22 6.13	−19 13.0	2.264	3.262	3.8	19.1
8 19	21 58.60	−19 53.6	2.248	3.254	2.2	19.0
8 29	21 50.94	−20 27.7	2.260	3.247	4.5	19.1
9 8	21 43.91	−20 52.1	2.300	3.240	7.6	19.3
9 18	21 38.19	−21 4.7	2.364	3.233	10.5	19.5
9 28	21 34.29	−21 5.0	2.451	3.225	13.0	19.7

472431 2015 BZ_{297} 8 20.1 319°.45 3°.2/17.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 17.38	−15 21.4	1.124	2.050	15.9	20.1
7 30	22 13.70	−16 27.8	1.052	2.026	11.3	19.7
8 9	22 7.21	−17 46.9	1.001	2.003	6.2	19.4
8 19	21 58.74	−19 9.2	0.972	1.981	3.3	19.1
8 29	21 49.68	−20 23.0	0.966	1.959	7.6	19.3
9 8	21 41.70	−21 18.2	0.981	1.939	13.1	19.6
9 18	21 36.21	−21 49.1	1.016	1.919	18.2	19.8
9 28	21 34.20	−21 54.0	1.068	1.901	22.6	20.0

96416 1998 FD_5 8 20.1 104°.67 12°.6/13.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 41.77	−44 24.1	1.565	2.424	16.0	19.1
7 30	22 30.08	−45 13.6	1.541	2.440	14.0	19.0
8 9	22 15.42	−45 36.1	1.538	2.455	12.7	18.9
8 19	21 59.48	−45 23.0	1.557	2.471	12.8	19.0
8 29	21 44.33	−44 31.4	1.601	2.486	14.0	19.1
9 8	21 31.72	−43 5.7	1.666	2.500	15.9	19.3
9 18	21 22.69	−41 14.6	1.752	2.514	17.9	19.5
9 28	21 17.56	−39 6.8	1.855	2.528	19.7	19.6

484875 2009 PL_2 8 20.1 345°.50 2°.3/21.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 22.85	− 8 37.5	1.631	2.518	14.0	20.1
7 30	22 16.69	− 7 49.6	1.557	2.508	10.3	19.8
8 9	22 8.43	− 7 9.2	1.506	2.498	6.2	19.6
8 19	21 58.84	− 6 35.8	1.481	2.489	2.6	19.3
8 29	21 49.04	− 6 7.9	1.482	2.482	4.4	19.4
9 8	21 40.17	− 5 43.4	1.510	2.475	8.6	19.7
9 18	21 33.23	− 5 20.2	1.562	2.469	12.6	19.9
9 28	21 28.88	− 4 55.9	1.634	2.464	16.1	20.1

199162 2005 YC_{178} 8 20.1 28°.78 6°.3/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 23.95	− 1 18.8	1.156	2.038	18.9	18.7
7 30	22 17.68	− 0 7.6	1.114	2.054	14.6	18.5
8 9	22 8.96	+ 0 42.9	1.093	2.071	10.1	18.3
8 19	21 58.88	+ 1 11.5	1.093	2.089	6.7	18.2
8 29	21 48.91	+ 1 20.3	1.116	2.108	7.1	18.3
9 8	21 40.45	+ 1 14.4	1.163	2.129	10.5	18.5
9 18	21 34.54	+ 1 0.3	1.231	2.150	14.4	18.8
9 28	21 31.76	+ 0 44.6	1.319	2.172	17.9	19.1

306394 1995 QD_{12} 8 20.1 35°.52 3°.1/22.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 20.54	− 4 6.8	1.751	2.625	13.9	20.0
7 30	22 14.79	− 3 49.8	1.692	2.632	10.4	19.8
8 9	22 7.28	− 3 46.1	1.655	2.640	6.6	19.6
8 19	21 58.72	− 3 54.0	1.644	2.649	3.4	19.4
8 29	21 50.11	− 4 10.2	1.660	2.657	4.3	19.5
9 8	21 42.43	− 4 30.7	1.701	2.666	7.8	19.7
9 18	21 36.48	− 4 51.1	1.768	2.676	11.4	20.0
9 28	21 32.82	− 5 7.6	1.856	2.685	14.5	20.2

414414 2009 BN_{151} 8 20.1 146°.79 1°.0/20.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 21.57	− 6 44.8	1.506	2.395	14.9	21.2
7 30	22 15.82	− 7 33.0	1.447	2.400	10.8	21.0
8 9	22 7.95	− 8 37.0	1.411	2.405	6.1	20.7
8 19	21 58.80	− 9 51.1	1.399	2.410	1.3	20.4
8 29	21 49.51	−11 7.3	1.414	2.415	4.3	20.6
9 8	21 41.27	−12 17.8	1.455	2.419	9.0	20.9
9 18	21 35.05	−13 16.7	1.520	2.423	13.2	21.2
9 28	21 31.49	−14 0.2	1.606	2.426	16.8	21.4

38135 1999 JB_{55} 8 20.1 5°.96 2°.5/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 17.40	− 6 2.2	0.995	1.909	18.6	17.9
7 30	22 13.53	− 6 9.2	0.945	1.908	13.7	17.7
8 9	22 6.96	− 6 36.9	0.912	1.909	8.2	17.4
8 19	21 58.71	− 7 20.8	0.901	1.911	2.9	17.1
8 29	21 50.30	− 8 13.0	0.912	1.914	5.3	17.2
9 8	21 43.29	− 9 4.1	0.944	1.919	10.8	17.6
9 18	21 38.89	− 9 46.6	0.996	1.925	15.9	17.9
9 28	21 37.81	−10 14.8	1.066	1.932	20.2	18.2

8710 Hawley 8 20.1 93°.89 7°.9/13.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 23.61	−31 5.4	1.752	2.655	12.4	17.8
7 30	22 17.12	−32 42.1	1.724	2.671	9.7	17.7
8 9	22 8.56	−34 8.1	1.719	2.687	8.0	17.6
8 19	21 58.86	−35 14.8	1.740	2.703	8.2	17.6
8 29	21 49.22	−35 55.9	1.787	2.719	10.1	17.8
9 8	21 40.83	−36 9.8	1.857	2.735	12.6	18.0
9 18	21 34.58	−35 58.2	1.947	2.750	15.0	18.2
9 28	21 31.02	−35 25.1	2.055	2.765	17.1	18.4

271704 2004 RB_{156} 8 20.1 33°.10 1°.7/21.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 20.53	− 7 0.1	1.466	2.358	15.0	20.6
7 30	22 15.09	− 7 9.7	1.409	2.362	11.0	20.4
8 9	22 7.55	− 7 33.2	1.374	2.367	6.4	20.2
8 19	21 58.77	− 8 6.8	1.363	2.373	2.1	19.9
8 29	21 49.90	− 8 45.0	1.377	2.378	4.2	20.1
9 8	21 42.11	− 9 21.9	1.417	2.384	8.8	20.3
9 18	21 36.34	− 9 52.4	1.480	2.391	13.0	20.6
9 28	21 33.22	−10 13.1	1.564	2.397	16.5	20.9

212097 2005 EY_{138} 8 20.1 66°.02 1°.2/21.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 18.27	− 6 36.9	1.819	2.703	13.0	20.8
7 30	22 13.20	− 7 10.2	1.758	2.709	9.4	20.6
8 9	22 6.44	− 7 56.3	1.721	2.714	5.4	20.4
8 19	21 58.66	− 8 51.0	1.709	2.720	1.5	20.1
8 29	21 50.79	− 9 48.8	1.725	2.725	3.6	20.3
9 8	21 43.76	−10 43.7	1.767	2.731	7.6	20.6
9 18	21 38.34	−11 31.0	1.834	2.737	11.3	20.8
9 28	21 35.10	−12 7.3	1.923	2.742	14.4	21.0

316470 2010 VE_7 8 20.1 229°.91 1°.0/19.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 18.75	−14 22.8	2.554	3.443	9.5	21.7
7 30	22 13.23	−14 51.2	2.478	3.435	6.7	21.6
8 9	22 6.36	−15 23.7	2.428	3.426	3.6	21.3
8 19	21 58.66	−15 56.9	2.407	3.418	1.0	21.1
8 29	21 50.81	−16 27.1	2.414	3.408	3.5	21.3
9 8	21 43.55	−16 50.9	2.450	3.399	6.7	21.5
9 18	21 37.49	−17 6.3	2.512	3.389	9.6	21.7
9 28	21 33.13	−17 12.0	2.596	3.379	12.1	21.8

116602 2004 BS_{107} 8 20.1 38°.98 4°.8/17.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 25.75	−21 17.5	1.027	1.952	17.1	17.6
7 30	22 19.01	−21 45.7	1.004	1.975	12.1	17.4
8 9	22 9.61	−22 11.0	1.002	2.000	7.1	17.2
8 19	21 58.96	−22 25.3	1.021	2.026	4.8	17.2
8 29	21 48.78	−22 22.6	1.064	2.052	8.0	17.5
9 8	21 40.62	−22 1.3	1.129	2.080	12.5	17.8
9 18	21 35.40	−21 23.1	1.214	2.107	16.5	18.1
9 28	21 33.54	−20 31.0	1.317	2.136	19.8	18.4

273620 2007 DR_{24} 8 20.1 260°.04 0°.4/20.4 18

7 20	22 17.70	− 9 29.4	2.242	3.126	10.9	21.7
7 30	22 12.62	− 9 56.3	2.168	3.121	7.8	21.5
8 9	22 6.08	−10 31.7	2.120	3.115	4.3	21.3
8 19	21 58.63	−11 12.0	2.098	3.109	0.6	21.0
8 29	21 51.04	−11 53.3	2.104	3.104	3.2	21.2
9 8	21 44.08	−12 31.2	2.138	3.098	6.8	21.4
9 18	21 38.43	−13 2.3	2.198	3.092	10.1	21.6
9 28	21 34.63	−13 24.3	2.281	3.086	12.9	21.8

107224 2001 BZ_{50} 8 20.1 215°.12 3°.4/16.5 18

7 20	22 19.32	−18 37.0	2.053	2.956	10.9	19.9
7 30	22 13.97	−20 5.0	1.989	2.951	7.6	19.7
8 9	22 6.89	−21 36.8	1.949	2.945	4.5	19.5
8 19	21 58.72	−23 5.2	1.938	2.939	3.6	19.4
8 29	21 50.33	−24 23.1	1.955	2.933	6.0	19.6
9 8	21 42.66	−25 24.9	1.999	2.926	9.4	19.8
9 18	21 36.51	−26 7.9	2.067	2.919	12.5	19.9
9 28	21 32.51	−26 31.6	2.155	2.911	15.1	20.1

256534 2007 FA_{36} 8 20.1 142°.79 0°.8/20.9 18

7 20	22 17.07	− 7 33.6	2.746	3.618	9.5	21.4
7 30	22 11.89	− 8 3.8	2.682	3.626	6.8	21.3
8 9	22 5.56	− 8 41.9	2.643	3.635	3.9	21.1
8 19	21 58.58	− 9 25.0	2.632	3.643	1.0	20.9
8 29	21 51.54	−10 9.6	2.651	3.651	2.7	21.0
9 8	21 45.06	−10 52.2	2.699	3.658	5.6	21.2
9 18	21 39.66	−11 29.7	2.773	3.665	8.3	21.4
9 28	21 35.76	−11 59.9	2.872	3.671	10.7	21.6

335066 2004 RD_{223} 8 20.1 353°.81 10°.9/10.8 18

7 20	22 20.25	−33 51.7	1.300	2.216	14.9	19.2
7 30	22 15.53	−35 49.3	1.262	2.212	12.3	19.1
8 9	22 8.04	−37 33.0	1.246	2.209	11.0	19.0
8 19	21 58.84	−38 50.1	1.252	2.206	11.6	19.0
8 29	21 49.50	−39 31.7	1.280	2.205	13.9	19.1
9 8	21 41.65	−39 35.2	1.327	2.204	16.7	19.3
9 18	21 36.47	−39 3.8	1.392	2.204	19.5	19.5
9 28	21 34.65	−38 3.3	1.472	2.205	21.9	19.7

171684 2000 RN_{53} 8 20.1 343°.66 6°.1/23.5 18

7 20	22 15.76	− 0 36.7	0.976	1.877	20.0	18.5
7 30	22 12.57	− 0 7.1	0.914	1.865	15.6	18.2
8 9	22 6.60	− 0 3.7	0.868	1.853	10.8	17.9
8 19	21 58.72	− 0 26.7	0.842	1.843	6.8	17.7
8 29	21 50.41	− 1 11.7	0.837	1.835	7.1	17.7
9 8	21 43.32	− 2 9.9	0.852	1.828	11.4	17.9
9 18	21 38.82	− 3 10.9	0.886	1.823	16.5	18.1
9 28	21 37.80	− 4 4.9	0.938	1.819	21.0	18.4

479171 2013 CB_{37} 8 20.1 247°.74 0°.3/20.4 18

7 20	22 19.03	− 8 51.1	2.453	3.330	10.3	22.8
7 30	22 13.58	− 9 30.8	2.361	3.309	7.4	22.6
8 9	22 6.64	−10 19.9	2.294	3.289	4.1	22.4
8 19	21 58.72	−11 14.9	2.256	3.267	0.6	22.0
8 29	21 50.52	−12 11.5	2.246	3.245	3.2	22.2
9 8	21 42.81	−13 4.9	2.266	3.223	6.7	22.4
9 18	21 36.28	−13 51.3	2.312	3.199	10.0	22.6
9 28	21 31.51	−14 28.0	2.382	3.175	12.8	22.7

107129 2001 AS_{47} 8 20.1 267°.26 13°.9/ 3.0 18

7 20	22 28.87	−45 25.2	1.655	2.523	14.9	19.4
7 30	22 22.23	−48 6.4	1.609	2.500	13.9	19.3
8 9	22 12.06	−50 27.9	1.585	2.475	14.1	19.3
8 19	21 59.30	−52 15.7	1.584	2.451	15.2	19.3
8 29	21 45.69	−53 20.2	1.603	2.425	17.1	19.4
9 8	21 33.35	−53 39.1	1.639	2.399	19.2	19.4
9 18	21 24.06	−53 16.3	1.691	2.373	21.2	19.6
9 28	21 18.93	−52 19.4	1.754	2.346	23.0	19.7

278687 2008 RG_{116} 8 20.1 349°.17 3°.6/17.3 18

7 20	22 15.32	−15 59.8	1.205	2.131	15.0	19.7
7 30	22 11.90	−17 24.1	1.149	2.123	10.5	19.4
8 9	22 6.06	−18 58.1	1.114	2.116	5.9	19.1
8 19	21 58.67	−20 31.4	1.103	2.110	3.7	19.0
8 29	21 51.02	−21 52.8	1.115	2.106	7.5	19.2
9 8	21 44.53	−22 53.4	1.151	2.102	12.2	19.5
9 18	21 40.30	−23 28.8	1.206	2.100	16.6	19.7
9 28	21 39.08	−23 38.6	1.279	2.098	20.3	20.0

514448 2016 UM_{60} 8 20.1 329°.92 3°.0/17.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 20.00	−18 16.5	1.696	2.605	12.4	20.9
7 30	22 14.65	−18 58.4	1.634	2.599	8.8	20.6
8 9	22 7.32	−19 43.1	1.596	2.594	5.0	20.4
8 19	21 58.79	−20 24.5	1.582	2.589	3.0	20.3
8 29	21 50.10	−20 56.6	1.595	2.584	5.9	20.4
9 8	21 42.35	−21 15.0	1.634	2.579	9.7	20.7
9 18	21 36.45	−21 17.9	1.696	2.575	13.4	20.9
9 28	21 33.03	−21 5.1	1.777	2.571	16.4	21.1

384543 2010 EM_{39} 8 20.1 203°.78 1°.5/21.7 16

7 20	22 18.10	− 3 27.0	2.050	2.917	12.4	20.7
7 30	22 13.05	− 4 36.2	1.974	2.914	9.1	20.5
8 9	22 6.38	− 6 1.8	1.922	2.910	5.4	20.3
8 19	21 58.70	− 7 39.2	1.897	2.906	1.8	20.0
8 29	21 50.80	− 9 21.6	1.901	2.902	3.4	20.1
9 8	21 43.56	−11 1.5	1.934	2.896	7.2	20.4
9 18	21 37.73	−12 32.5	1.994	2.891	10.8	20.6
9 28	21 33.89	−13 49.7	2.077	2.885	13.9	20.8

145991 2000 BA_{34} 8 20.1 228°.91 0°.6/19.7 18

7 20	22 23.74	−12 32.5	1.746	2.638	13.0	20.2
7 30	22 17.29	−12 54.2	1.673	2.630	9.2	19.9
8 9	22 8.77	−13 23.5	1.624	2.622	5.0	19.7
8 19	21 58.95	−13 55.6	1.601	2.612	0.7	19.3
8 29	21 48.88	−14 25.5	1.605	2.603	4.4	19.6
9 8	21 39.71	−14 48.4	1.637	2.593	8.8	19.8
9 18	21 32.38	−15 1.3	1.692	2.583	12.8	20.1
9 28	21 27.60	−15 2.7	1.769	2.572	16.2	20.3

78271 2002 PX_{28} 8 20.1 265°.70 1°.0/20.9 18

7 20	22 18.65	− 7 27.7	1.883	2.768	12.6	20.1
7 30	22 13.55	− 7 58.2	1.810	2.761	9.1	19.9
8 9	22 6.69	− 8 40.9	1.760	2.753	5.2	19.7
8 19	21 58.74	− 9 31.7	1.735	2.746	1.3	19.4
8 29	21 50.57	−10 25.6	1.739	2.739	3.6	19.5
9 8	21 43.14	−11 16.9	1.769	2.732	7.7	19.8
9 18	21 37.27	−12 0.8	1.824	2.725	11.5	20.0
9 28	21 33.57	−12 34.1	1.901	2.717	14.7	20.2

178426 1998 SW_{102} 8 20.1 0°.24 0°.3/19.9 18

7 20	22 15.81	−10 26.4	1.018	1.942	17.3	19.0
7 30	22 12.42	−11 0.7	0.967	1.939	12.3	18.7
8 9	22 6.39	−11 50.7	0.935	1.936	6.7	18.4
8 19	21 58.71	−12 49.3	0.924	1.936	0.6	18.0
8 29	21 50.85	−13 47.1	0.935	1.937	5.5	18.3
9 8	21 44.35	−14 34.8	0.968	1.939	11.3	18.7
9 18	21 40.36	−15 6.5	1.021	1.943	16.3	19.0
9 28	21 39.62	−15 19.2	1.091	1.948	20.5	19.3

145960 1999 XV_{255} 8 20.1 184°.64 0°.1/20.3 18

7 20	22 14.40	−10 31.2	3.594	4.471	7.4	21.1
7 30	22 9.85	−10 53.5	3.521	4.470	5.2	20.9
8 9	22 4.44	−11 20.4	3.475	4.470	2.8	20.8
8 19	21 58.51	−11 49.7	3.458	4.469	0.3	20.5
8 29	21 52.52	−12 19.1	3.470	4.469	2.2	20.7
9 8	21 46.91	−12 46.1	3.512	4.468	4.6	20.9
9 18	21 42.09	−13 9.0	3.581	4.466	6.8	21.0
9 28	21 38.42	−13 26.1	3.676	4.465	8.7	21.2

444668 2007 DP_{22} 8 20.1 250°.33 0°.4/20.6 18

7 20	22 17.48	− 8 36.6	2.497	3.375	10.1	22.1
7 30	22 12.43	− 9 12.8	2.411	3.359	7.3	21.9
8 9	22 6.00	− 9 58.0	2.349	3.344	4.1	21.6
8 19	21 58.68	−10 48.9	2.316	3.327	0.7	21.4
8 29	21 51.14	−11 41.5	2.311	3.311	3.0	21.5
9 8	21 44.10	−12 31.3	2.336	3.294	6.4	21.7
9 18	21 38.21	−13 14.7	2.386	3.276	9.6	21.9
9 28	21 34.00	−13 49.1	2.460	3.259	12.3	22.1

55845 1996 RO_2 8 20.1 8°.67 7°.4/26.9 18

7 20	22 14.00	+ 8 40.5	1.310	2.157	19.3	18.6
7 30	22 10.72	+ 8 15.8	1.247	2.158	15.8	18.4
8 9	22 5.34	+ 7 16.5	1.203	2.159	11.9	18.2
8 19	21 58.62	+ 5 44.2	1.179	2.162	8.6	18.0
8 29	21 51.71	+ 3 45.6	1.178	2.166	7.5	18.0
9 8	21 45.79	+ 1 32.4	1.202	2.171	9.8	18.1
9 18	21 41.86	− 0 42.4	1.248	2.176	13.4	18.3
9 28	21 40.59	− 2 47.0	1.316	2.183	17.1	18.6

410844 2009 RL_8 8 20.1 269°.36 3°.2/23.7 18

7 20	22 15.58	+ 0 34.6	2.418	3.265	11.5	21.0
7 30	22 11.08	+ 0 12.6	2.335	3.256	8.9	20.8
8 9	22 5.26	− 0 24.2	2.275	3.248	6.0	20.6
8 19	21 58.61	− 1 13.9	2.242	3.240	3.6	20.4
8 29	21 51.79	− 2 13.0	2.237	3.232	3.7	20.4
9 8	21 45.48	− 3 16.8	2.260	3.223	6.2	20.6
9 18	21 40.32	− 4 20.5	2.309	3.215	9.2	20.8
9 28	21 36.82	− 5 19.5	2.383	3.207	11.8	20.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
470588 2008 JH_{33}			8 20.1	96°.86	6°.5/14.7	17
	h m	° ′			°	m
7 20	22 23.81	−25 35.7	1.585	2.495	13.1	21.1
7 30	22 17.35	−27 11.3	1.553	2.512	9.6	20.9
8 9	22 8.75	−28 41.3	1.545	2.530	7.0	20.8
8 19	21 58.96	−29 56.1	1.562	2.547	6.7	20.8
8 29	21 49.24	−30 48.3	1.605	2.563	9.0	21.0
9 8	21 40.82	−31 14.9	1.672	2.579	12.1	21.2
9 18	21 34.61	−31 16.5	1.761	2.595	15.1	21.4
9 28	21 31.16	−30 56.3	1.868	2.611	17.5	21.7
70970 1999 XH_{20}			8 20.1	179°.08	5°.1/15.6	18
7 20	22 22.10	−24 35.5	1.900	2.805	11.5	18.2
7 30	22 16.00	−25 39.3	1.847	2.806	8.4	18.1
8 9	22 8.01	−26 40.1	1.818	2.806	5.8	17.9
8 19	21 58.90	−27 30.9	1.816	2.807	5.3	17.9
8 29	21 49.69	−28 5.7	1.840	2.807	7.4	18.0
9 8	21 41.46	−28 21.4	1.890	2.806	10.4	18.2
9 18	21 35.04	−28 17.6	1.963	2.806	13.4	18.4
9 28	21 31.03	−27 55.9	2.055	2.805	15.9	18.6
41992 2000 YR_{35}			8 20.1	183°.53	1°.5/21.4	18
7 20	22 20.72	− 6 15.1	2.104	2.976	12.0	19.8
7 30	22 14.81	− 6 32.9	2.033	2.977	8.8	19.6
8 9	22 7.30	− 7 1.7	1.987	2.977	5.2	19.4
8 19	21 58.83	− 7 38.6	1.967	2.976	1.8	19.2
8 29	21 50.21	− 8 19.3	1.975	2.975	3.4	19.3
9 8	21 42.32	− 8 59.4	2.012	2.974	7.0	19.5
9 18	21 35.89	− 9 35.0	2.074	2.972	10.4	19.7
9 28	21 31.48	−10 2.9	2.160	2.970	13.4	19.9
320436 2007 VX_{114}			8 20.1	245°.47	0°.8/20.7	17
7 20	22 21.71	− 7 59.3	1.540	2.431	14.5	21.3
7 30	22 16.09	− 8 34.3	1.466	2.421	10.5	21.0
8 9	22 8.25	− 9 23.8	1.415	2.410	5.9	20.7
8 19	21 58.94	−10 23.0	1.388	2.399	1.1	20.4
8 29	21 49.29	−11 25.1	1.388	2.388	4.4	20.6
9 8	21 40.54	−12 22.8	1.413	2.376	9.2	20.8
9 18	21 33.75	−13 10.4	1.463	2.365	13.7	21.1
9 28	21 29.68	−13 44.1	1.532	2.352	17.4	21.3
86828 2000 GR_{145}			8 20.1	15°.33	5°.0/23.9	18
7 20	22 17.45	+ 1 2.0	1.308	2.184	17.6	19.5
7 30	22 13.15	+ 0 53.1	1.249	2.186	13.6	19.3
8 9	22 6.64	+ 0 19.3	1.210	2.189	9.3	19.0
8 19	21 58.77	− 0 36.9	1.193	2.193	5.6	18.8
8 29	21 50.72	− 1 49.2	1.200	2.197	5.7	18.9
9 8	21 43.76	− 3 8.7	1.231	2.202	9.4	19.1
9 18	21 38.88	− 4 26.3	1.285	2.208	13.5	19.3
9 28	21 36.76	− 5 34.3	1.359	2.214	17.3	19.6
29212 Zeeman			8 20.1	23°.63	1°.2/19.1	18
7 20	22 19.31	−13 56.8	1.850	2.750	12.0	18.6
7 30	22 13.97	−14 30.9	1.791	2.752	8.4	18.3
8 9	22 6.90	−15 11.0	1.755	2.754	4.5	18.1
8 19	21 58.79	−15 52.1	1.745	2.756	1.2	17.9
8 29	21 50.59	−16 29.1	1.763	2.758	4.4	18.1
9 8	21 43.26	−16 57.4	1.806	2.761	8.3	18.4
9 18	21 37.59	−17 14.4	1.875	2.763	11.8	18.6
9 28	21 34.13	−17 18.8	1.964	2.766	14.8	18.8
425579 2010 TP_{92}			8 20.1	298°.43	6°.0/23.9	18
7 20	22 19.40	+ 1 53.1	1.325	2.194	17.8	20.6
7 30	22 14.82	+ 2 6.4	1.244	2.175	14.1	20.4
8 9	22 7.74	+ 1 55.2	1.182	2.156	10.1	20.1
8 19	21 58.91	+ 1 19.2	1.141	2.137	6.7	19.8
8 29	21 49.52	+ 0 22.0	1.124	2.118	6.7	19.8
9 8	21 40.97	− 0 49.0	1.131	2.100	10.3	19.9
9 18	21 34.53	− 2 4.3	1.160	2.081	14.8	20.1
9 28	21 31.12	− 3 15.0	1.208	2.064	19.0	20.4
339358 2005 AV_{32}			8 20.1	306°.79	0°.7/19.6	18
7 20	22 17.77	−10 32.6	1.519	2.422	13.9	20.2
7 30	22 13.50	−11 26.7	1.429	2.392	10.0	19.9
8 9	22 6.98	−12 35.7	1.363	2.362	5.4	19.6
8 19	21 58.83	−13 54.1	1.321	2.332	0.7	19.2
8 29	21 50.12	−15 13.4	1.304	2.303	5.0	19.4
9 8	21 42.10	−16 25.2	1.313	2.273	10.1	19.6
9 18	21 35.92	−17 22.7	1.344	2.244	14.8	19.8
9 28	21 32.48	−18 1.7	1.395	2.216	18.8	20.0
480522 2015 MN_{9}			8 20.1	275°.57	2°.1/21.9	18
7 20	22 17.99	− 4 19.8	1.927	2.801	12.8	21.5
7 30	22 13.03	− 4 44.4	1.855	2.797	9.5	21.3
8 9	22 6.41	− 5 23.0	1.806	2.794	5.8	21.1
8 19	21 58.76	− 6 12.7	1.784	2.791	2.4	20.9
8 29	21 50.93	− 7 8.4	1.788	2.788	3.6	20.9
9 8	21 43.82	− 8 4.7	1.820	2.785	7.3	21.2
9 18	21 38.22	− 8 56.4	1.877	2.782	10.9	21.4
9 28	21 34.71	− 9 39.3	1.956	2.779	14.1	21.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
482190 2010 US_{75}			8 20.1	169°.33	4°.0/24.2	18
	h m	° ′			°	m
7 20	22 17.74	+ 1 51.6	2.424	3.260	11.8	21.3
7 30	22 12.56	+ 1 56.5	2.349	3.261	9.2	21.1
8 9	22 6.04	+ 1 47.3	2.298	3.262	6.5	21.0
8 19	21 58.72	+ 1 25.0	2.272	3.263	4.4	20.8
8 29	21 51.27	+ 0 51.9	2.275	3.263	4.3	20.8
9 8	21 44.40	+ 0 11.8	2.305	3.264	6.5	21.0
9 18	21 38.74	− 0 31.0	2.362	3.264	9.1	21.1
9 28	21 34.77	− 1 12.4	2.442	3.265	11.6	21.3
452019 2014 OU_{119}			8 20.1	307°.50	2°.9/17.2	17
7 20	22 16.86	−18 25.5	2.119	3.024	10.5	21.2
7 30	22 12.22	−19 25.6	2.047	3.011	7.4	21.0
8 9	22 5.98	−20 29.0	2.001	2.998	4.3	20.8
8 19	21 58.72	−21 30.1	1.981	2.985	3.0	20.7
8 29	21 51.25	−22 23.1	1.989	2.973	5.4	20.8
9 8	21 44.44	−23 3.4	2.024	2.960	8.7	21.0
9 18	21 39.04	−23 28.5	2.082	2.948	11.8	21.2
9 28	21 35.64	−23 37.6	2.162	2.936	14.5	21.3
342143 2008 SQ_{129}			8 20.1	344°.59	0°.2/20.3	18
7 20	22 18.27	−10 51.6	1.229	2.142	15.8	20.1
7 30	22 13.97	−11 1.1	1.165	2.131	11.4	19.8
8 9	22 7.21	−11 22.4	1.122	2.122	6.3	19.5
8 19	21 58.86	−11 50.9	1.101	2.113	0.7	19.1
8 29	21 50.24	−12 20.2	1.105	2.106	4.9	19.4
9 8	21 42.75	−12 43.9	1.131	2.100	10.3	19.6
9 18	21 37.54	−12 57.6	1.179	2.095	15.1	19.9
9 28	21 35.36	−12 58.3	1.245	2.091	19.1	20.1
177932 2005 TW_{73}			8 20.1	306°.42	1°.9/18.2	18
7 20	22 17.25	−14 42.7	1.987	2.889	11.2	19.5
7 30	22 12.52	−15 46.4	1.922	2.885	7.8	19.3
8 9	22 6.15	−16 56.6	1.881	2.880	4.2	19.0
8 19	21 58.75	−18 7.5	1.867	2.876	1.9	18.9
8 29	21 51.19	−19 12.5	1.881	2.872	4.8	19.1
9 8	21 44.35	−20 6.4	1.922	2.868	8.4	19.3
9 18	21 39.01	−20 45.8	1.987	2.864	11.8	19.5
9 28	21 35.73	−21 9.2	2.073	2.861	14.6	19.7
519670 2012 YU_{10}			8 20.1	260°.82	1°.3/19.2	18
7 20	22 23.54	−15 42.6	1.984	2.878	11.6	21.6
7 30	22 16.97	−15 50.8	1.909	2.867	8.2	21.4
8 9	22 8.56	−16 2.1	1.859	2.857	4.4	21.1
8 19	21 59.01	−16 12.6	1.835	2.846	1.3	20.9
8 29	21 49.26	−16 18.6	1.840	2.835	4.3	21.1
9 8	21 40.34	−16 16.9	1.872	2.824	8.2	21.3
9 18	21 33.08	−16 6.1	1.929	2.813	11.8	21.5
9 28	21 28.11	−15 45.7	2.008	2.802	14.8	21.7
495171 2012 JS_{4}			8 20.1	181°.83	17°.6/ 2.9	17
7 20	22 29.56	−43 13.9	1.044	1.944	19.1	20.5
7 30	22 23.54	−46 59.0	1.028	1.945	17.8	20.4
8 9	22 13.05	−50 11.1	1.032	1.945	17.9	20.4
8 19	21 59.49	−52 30.2	1.056	1.945	19.4	20.5
8 29	21 45.46	−53 45.4	1.097	1.945	21.7	20.7
9 8	21 33.81	−53 58.7	1.152	1.944	24.0	20.9
9 18	21 26.49	−53 19.8	1.220	1.943	26.2	21.1
9 28	21 24.34	−52 1.2	1.296	1.941	28.0	21.2
477880 2011 HX_{66}			8 20.1	24°.93	5°.0/16.4	16
7 20	22 18.40	−20 13.7	1.251	2.176	14.7	20.6
7 30	22 13.88	−21 34.5	1.214	2.185	10.4	20.4
8 9	22 7.03	−22 56.3	1.198	2.195	6.4	20.2
8 19	21 58.85	−24 8.9	1.205	2.207	5.2	20.2
8 29	21 50.68	−25 3.4	1.237	2.219	8.2	20.4
9 8	21 43.86	−25 34.4	1.292	2.232	12.3	20.6
9 18	21 39.36	−25 41.0	1.367	2.245	16.0	20.9
9 28	21 37.77	−25 25.0	1.459	2.260	19.1	21.2
380393 2002 XL_{63}			8 20.1	323°.40	1°.1/20.8	18
7 20	22 15.22	− 7 36.6	1.075	1.991	17.3	20.3
7 30	22 12.45	− 8 3.3	0.983	1.950	12.8	19.9
8 9	22 6.80	− 8 52.5	0.911	1.910	7.5	19.4
8 19	21 58.88	−10 0.5	0.859	1.870	1.6	18.9
8 29	21 49.97	−11 19.4	0.829	1.832	5.6	19.1
9 8	21 41.77	−12 37.8	0.821	1.795	12.2	19.3
9 18	21 35.94	−13 44.9	0.831	1.759	18.4	19.5
9 28	21 33.77	−14 32.5	0.858	1.725	23.8	19.7
474262 2001 SC_{331}			8 20.1	309°.33	0°.4/19.8	18
7 20	22 20.35	−11 45.7	1.375	2.282	14.9	21.7
7 30	22 15.43	−12 8.2	1.298	2.262	10.7	21.4
8 9	22 8.05	−12 41.8	1.242	2.242	5.8	21.1
8 19	21 58.99	−13 21.4	1.210	2.222	0.6	20.7
8 29	21 49.47	−14 0.2	1.203	2.203	5.0	20.9
9 8	21 40.89	−14 31.7	1.221	2.184	10.3	21.2
9 18	21 34.44	−14 51.3	1.260	2.166	15.1	21.4
9 28	21 30.98	−14 56.2	1.318	2.149	19.2	21.6

278347 2007 JW_{10} 8 20.1 92°.65 2°.2/21.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 21.67	− 4 30.0	1.741	2.615	14.0	21.4
7 30	22 15.57	− 4 50.1	1.691	2.634	10.3	21.2
8 9	22 7.73	− 5 24.4	1.665	2.653	6.2	21.0
8 19	21 58.93	− 6 9.2	1.663	2.671	2.6	20.8
8 29	21 50.15	− 6 59.2	1.690	2.689	3.8	20.9
9 8	21 42.37	− 7 48.7	1.743	2.707	7.7	21.2
9 18	21 36.38	− 8 32.8	1.821	2.725	11.3	21.5
9 28	21 32.69	− 9 8.0	1.921	2.742	14.4	21.7

520478 2014 KM_{110} 8 20.1 13°.43 0°.6/19.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 16.07	−10 21.4	1.877	2.773	12.0	20.8
7 30	22 11.71	−11 25.5	1.815	2.775	8.5	20.6
8 9	22 5.71	−12 40.0	1.778	2.777	4.5	20.4
8 19	21 58.73	−13 59.3	1.767	2.779	0.6	20.1
8 29	21 51.61	−15 16.4	1.783	2.781	4.0	20.3
9 8	21 45.26	−16 25.1	1.827	2.784	8.0	20.6
9 18	21 40.42	−17 20.8	1.895	2.787	11.6	20.8
9 28	21 37.66	−18 0.9	1.984	2.790	14.5	21.0

88328 2001 OL_{56} 8 20.1 348°.82 4°.7/22.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 18.50	− 1 57.6	1.229	2.118	17.6	18.2
7 30	22 14.11	− 1 39.0	1.165	2.111	13.5	17.9
8 9	22 7.30	− 1 41.3	1.121	2.105	9.0	17.7
8 19	21 58.92	− 2 3.2	1.098	2.101	5.2	17.4
8 29	21 50.25	− 2 40.4	1.099	2.097	5.8	17.5
9 8	21 42.68	− 3 25.7	1.122	2.094	10.0	17.7
9 18	21 37.34	− 4 11.6	1.168	2.092	14.5	18.0
9 28	21 35.01	− 4 51.1	1.232	2.091	18.5	18.2

511236 2014 BU_{14} 8 20.1 229°.21 0°.8/20.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 24.17	− 9 39.2	1.970	2.850	12.3	22.1
7 30	22 17.45	− 9 39.0	1.891	2.840	8.9	21.9
8 9	22 8.86	− 9 46.7	1.837	2.831	5.0	21.6
8 19	21 59.08	− 9 59.6	1.809	2.820	1.1	21.3
8 29	21 49.07	−10 14.1	1.810	2.810	3.7	21.5
9 8	21 39.84	−10 26.6	1.839	2.799	7.8	21.7
9 18	21 32.25	−10 34.4	1.893	2.787	11.5	21.9
9 28	21 26.94	−10 35.1	1.970	2.775	14.7	22.1

497135 2004 QD_{20} 8 20.1 29°.96 19°.3/12.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	23 17.30	+43 16.5	0.550	1.248	53.0	19.2
7 30	22 48.96	+40 45.0	0.586	1.359	43.3	19.3
8 9	22 22.52	+37 0.5	0.629	1.467	34.5	19.4
8 19	22 0.14	+32 16.4	0.685	1.572	27.1	19.5
8 29	21 43.34	+27 2.7	0.759	1.674	21.9	19.7
9 8	21 32.43	+21 54.1	0.855	1.772	19.5	20.0
9 18	21 26.79	+17 15.5	0.972	1.866	19.6	20.4
9 28	21 25.59	+13 19.7	1.110	1.957	20.9	20.8

254282 2004 RG_{213} 8 20.1 11°.95 11°.6/30.5 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 14.28	+14 49.8	1.392	2.199	20.3	18.8
7 30	22 10.86	+15 48.4	1.339	2.206	17.7	18.7
8 9	22 5.41	+16 13.8	1.303	2.215	15.0	18.5
8 19	21 58.73	+16 3.2	1.285	2.225	12.7	18.4
8 29	21 51.90	+15 17.8	1.288	2.238	11.6	18.4
9 8	21 46.07	+14 4.5	1.312	2.251	12.2	18.5
9 18	21 42.16	+12 32.7	1.358	2.266	14.0	18.6
9 28	21 40.80	+10 53.9	1.423	2.283	16.4	18.8

218481 2004 SJ_{58} 8 20.1 296°.80 0°.3/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 17.94	−11 31.4	2.119	3.010	11.1	20.5
7 30	22 13.01	−11 59.5	2.034	2.991	7.9	20.3
8 9	22 6.46	−12 35.3	1.974	2.972	4.3	20.0
8 19	21 58.84	−13 15.2	1.940	2.952	0.5	19.7
8 29	21 50.96	−13 54.7	1.935	2.933	3.7	19.9
9 8	21 43.68	−14 29.2	1.956	2.914	7.5	20.1
9 18	21 37.76	−14 55.4	2.003	2.895	11.0	20.3
9 28	21 33.83	−15 11.0	2.071	2.876	14.1	20.5

235888 2005 CM_{36} 8 20.1 244°.53 1°.1/19.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 20.21	−13 18.0	1.901	2.797	11.9	21.1
7 30	22 14.69	−13 57.3	1.831	2.790	8.4	20.8
8 9	22 7.37	−14 43.6	1.785	2.784	4.5	20.6
8 19	21 58.94	−15 32.1	1.765	2.777	1.1	20.3
8 29	21 50.30	−16 17.1	1.774	2.769	4.3	20.5
9 8	21 42.45	−16 53.7	1.809	2.762	8.3	20.8
9 18	21 36.22	−17 18.7	1.868	2.755	12.0	21.0
9 28	21 32.22	−17 30.5	1.949	2.747	15.0	21.2

451194 2009 TQ_{4} 8 20.1 256°.30 2°.3/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 15.87	− 1 47.9	2.553	3.408	10.7	21.0
7 30	22 11.29	− 2 17.8	2.466	3.396	8.1	20.8
8 9	22 5.42	− 3 0.7	2.403	3.383	5.2	20.6
8 19	21 58.73	− 3 54.4	2.367	3.370	2.7	20.4
8 29	21 51.85	− 4 55.2	2.359	3.357	3.2	20.4
9 8	21 45.44	− 5 58.6	2.381	3.344	6.0	20.6
9 18	21 40.11	− 7 0.0	2.429	3.331	8.9	20.7
9 28	21 36.37	− 7 55.5	2.501	3.317	11.6	20.9

386353 2008 SF_{308} 8 20.1 357°.98 0°.1/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 16.83	− 9 23.7	1.372	2.279	14.9	20.4
7 30	22 12.71	−10 13.1	1.313	2.276	10.6	20.1
8 9	22 6.45	−11 17.1	1.275	2.274	5.8	19.9
8 19	21 58.84	−12 29.1	1.261	2.273	0.6	19.5
8 29	21 51.05	−13 40.8	1.273	2.273	4.7	19.8
9 8	21 44.29	−14 44.0	1.308	2.273	9.6	20.1
9 18	21 39.54	−15 33.1	1.367	2.275	14.0	20.4
9 28	21 37.47	−16 4.7	1.444	2.277	17.7	20.6

18545 1997 AO_{2} 8 20.1 221°.61 4°.3/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 18.97	−23 27.5	2.242	3.146	10.0	18.3
7 30	22 13.66	−24 39.1	2.183	3.142	7.3	18.1
8 9	22 6.75	−25 49.6	2.149	3.138	4.9	18.0
8 19	21 58.87	−26 52.8	2.143	3.134	4.5	17.9
8 29	21 50.84	−27 43.1	2.165	3.130	6.5	18.1
9 8	21 43.54	−28 16.8	2.212	3.126	9.3	18.2
9 18	21 37.68	−28 32.8	2.284	3.122	11.9	18.4
9 28	21 33.84	−28 31.4	2.376	3.117	14.2	18.6

183507 2003 FC_{36} 8 20.1 355°.50 3°.1/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 16.19	− 0 30.6	1.977	2.838	13.1	20.4
7 30	22 11.74	− 0 59.8	1.906	2.837	10.0	20.2
8 9	22 5.73	− 1 46.1	1.857	2.836	6.6	20.0
8 19	21 58.77	− 2 46.6	1.834	2.836	3.6	19.8
8 29	21 51.64	− 3 56.6	1.838	2.835	3.9	19.8
9 8	21 45.21	− 5 9.9	1.869	2.835	7.1	20.0
9 18	21 40.18	− 6 20.5	1.925	2.835	10.5	20.3
9 28	21 37.12	− 7 23.1	2.005	2.835	13.5	20.5

154174 2002 GH_{86} 8 20.1 182°.63 1°.6/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 16.20	− 4 19.5	2.332	3.200	11.1	20.2
7 30	22 11.55	− 5 0.1	2.260	3.200	8.2	20.0
8 9	22 5.56	− 5 53.1	2.212	3.200	4.9	19.8
8 19	21 58.76	− 6 55.0	2.192	3.200	1.9	19.6
8 29	21 51.82	− 8 1.5	2.200	3.200	3.0	19.6
9 8	21 45.47	− 9 7.3	2.236	3.199	6.3	19.9
9 18	21 40.34	−10 7.9	2.299	3.199	9.4	20.1
9 28	21 36.92	−10 59.5	2.385	3.199	12.2	20.2

172707 2004 BW_{43} 8 20.1 203°.74 1°.4/18.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 20.39	−14 42.9	2.041	2.937	11.3	20.1
7 30	22 14.67	−15 16.2	1.976	2.935	7.9	19.9
8 9	22 7.30	−15 54.4	1.935	2.934	4.2	19.6
8 19	21 58.94	−16 32.9	1.922	2.932	1.4	19.4
8 29	21 50.45	−17 6.9	1.936	2.930	4.3	19.6
9 8	21 42.75	−17 32.5	1.977	2.928	7.9	19.9
9 18	21 36.59	−17 47.1	2.044	2.926	11.3	20.1
9 28	21 32.52	−17 49.9	2.132	2.924	14.1	20.3

212697 2007 PF_{40} 8 20.1 170°.30 1°.0/19.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 25.63	−13 13.5	1.455	2.355	14.7	20.2
7 30	22 18.85	−13 37.0	1.396	2.357	10.4	19.9
8 9	22 9.74	−14 8.2	1.360	2.359	5.6	19.7
8 19	21 59.20	−14 41.5	1.348	2.360	1.0	19.4
8 29	21 48.53	−15 10.7	1.363	2.361	5.0	19.7
9 8	21 39.07	−15 30.7	1.404	2.362	9.8	19.9
9 18	21 31.87	−15 38.7	1.467	2.362	14.1	20.2
9 28	21 27.59	−15 33.7	1.551	2.362	17.7	20.4

445666 2011 UU_{83} 8 20.1 275°.28 7°.6/27.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 17.79	+11 9.3	2.127	2.918	14.7	21.5
7 30	22 12.93	+11 32.9	2.039	2.906	12.5	21.3
8 9	22 6.43	+11 34.7	1.972	2.894	10.1	21.1
8 19	21 58.87	+11 13.7	1.928	2.882	8.2	21.0
8 29	21 51.00	+10 30.9	1.909	2.870	7.6	20.9
9 8	21 43.71	+ 9 30.5	1.916	2.857	8.8	21.0
9 18	21 37.77	+ 8 18.5	1.947	2.845	11.0	21.1
9 28	21 33.79	+ 7 1.8	2.002	2.833	13.5	21.2

256533 2007 FY_{26} 8 20.1 213°.17 0°.0/20.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 17.78	−10 28.6	2.583	3.465	9.7	21.5
7 30	22 12.58	−10 58.8	2.508	3.460	6.9	21.3
8 9	22 6.10	−11 35.8	2.459	3.455	3.7	21.1
8 19	21 58.82	−12 16.4	2.438	3.449	0.4	20.8
8 29	21 51.41	−12 56.9	2.445	3.444	3.0	21.0
9 8	21 44.55	−13 33.6	2.481	3.438	6.2	21.2
9 18	21 38.84	−14 3.6	2.544	3.432	9.2	21.4
9 28	21 34.75	−14 25.0	2.630	3.425	11.7	21.6

392970 2012 XM_{24} 8 20.1 214°.60 3°.0/17.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 20.61	−18 23.1	1.879	2.782	11.7	21.1
7 30	22 14.97	−19 15.0	1.818	2.781	8.2	20.9
8 9	22 7.52	−20 9.5	1.782	2.780	4.7	20.7
8 19	21 58.97	−21 0.6	1.773	2.778	3.0	20.6
8 29	21 50.29	−21 42.2	1.791	2.776	5.6	20.7
9 8	21 42.49	−22 10.2	1.835	2.775	9.2	20.9
9 18	21 36.39	−22 22.6	1.902	2.773	12.6	21.2
9 28	21 32.58	−22 19.3	1.991	2.771	15.4	21.4

517064 2013 CM_{36} 8 20.1 240°.10 9°.6/ 6.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 33.12	−49 26.6	2.902	3.719	10.5	23.3
7 30	22 23.87	−50 38.0	2.848	3.698	9.8	23.3
8 9	22 12.37	−51 32.5	2.818	3.676	9.6	23.2
8 19	21 59.48	−52 3.7	2.812	3.652	10.1	23.2
8 29	21 46.38	−52 7.6	2.830	3.628	11.1	23.2
9 8	21 34.34	−51 43.9	2.870	3.603	12.3	23.3
9 18	21 24.38	−50 55.3	2.930	3.578	13.6	23.4
9 28	21 17.18	−49 46.3	3.006	3.551	14.8	23.5

396160 2013 ER_{42} 8 20.1 313°.53 2°.2/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 16.79	− 3 38.6	1.950	2.823	12.7	21.2
7 30	22 12.22	− 4 5.8	1.876	2.817	9.5	20.9
8 9	22 6.04	− 4 47.8	1.824	2.811	5.9	20.7
8 19	21 58.83	− 5 41.5	1.797	2.804	2.6	20.5
8 29	21 51.42	− 6 42.2	1.799	2.799	3.6	20.6
9 8	21 44.70	− 7 43.9	1.827	2.793	7.2	20.8
9 18	21 39.41	− 8 41.3	1.880	2.787	10.8	21.0
9 28	21 36.15	− 9 30.0	1.956	2.782	14.0	21.2

175612 2006 VY_{82} 8 20.1 111°.87 0°.2/20.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 19.03	− 9 55.5	2.080	2.967	11.5	20.5
7 30	22 13.65	−10 22.1	2.017	2.970	8.2	20.3
8 9	22 6.73	−10 57.1	1.978	2.974	4.5	20.0
8 19	21 58.90	−11 36.7	1.966	2.978	0.6	19.7
8 29	21 50.98	−12 16.4	1.982	2.981	3.4	20.0
9 8	21 43.81	−12 51.9	2.025	2.985	7.2	20.2
9 18	21 38.09	−13 19.9	2.094	2.988	10.5	20.4
9 28	21 34.35	−13 38.2	2.185	2.992	13.4	20.7

274082 2008 AM_{60} 8 20.1 271°.06 1°.9/21.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 22.55	− 6 31.9	1.498	2.384	15.1	21.8
7 30	22 16.87	− 6 41.2	1.417	2.367	11.2	21.5
8 9	22 8.81	− 7 5.3	1.357	2.350	6.7	21.2
8 19	21 59.15	− 7 41.3	1.322	2.332	2.3	20.9
8 29	21 49.02	− 8 23.7	1.314	2.314	4.5	21.0
9 8	21 39.75	− 9 6.3	1.330	2.296	9.4	21.2
9 18	21 32.48	− 9 43.3	1.370	2.278	14.0	21.5
9 28	21 28.04	−10 10.3	1.430	2.259	18.0	21.7

476159 2007 TU_{364} 8 20.1 281°.37 5°.6/15.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 22.35	−25 55.9	1.965	2.868	11.3	21.2
7 30	22 16.44	−27 0.6	1.887	2.843	8.4	20.9
8 9	22 8.46	−28 3.1	1.833	2.817	6.1	20.7
8 19	21 59.10	−28 55.9	1.805	2.792	5.8	20.7
8 29	21 49.37	−29 32.4	1.805	2.765	8.0	20.8
9 8	21 40.39	−29 48.6	1.829	2.739	11.1	20.9
9 18	21 33.15	−29 43.4	1.876	2.712	14.2	21.0
9 28	21 28.39	−29 18.3	1.943	2.686	16.9	21.2

340556 2006 KH_{63} 8 20.1 59°.41 9°.4/12.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 26.22	−35 57.6	1.696	2.590	13.2	20.1
7 30	22 19.20	−37 8.2	1.660	2.596	10.9	20.0
8 9	22 9.85	−38 3.8	1.647	2.601	9.5	19.9
8 19	21 59.23	−38 36.1	1.658	2.607	9.7	19.9
8 29	21 48.69	−38 39.9	1.693	2.612	11.4	20.0
9 8	21 39.58	−38 14.9	1.750	2.618	13.7	20.2
9 18	21 32.87	−37 24.4	1.828	2.624	16.1	20.4
9 28	21 29.13	−36 13.4	1.923	2.630	18.2	20.6

126705 2002 CH_{240} 8 20.1 208°.95 3°.0/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 18.72	− 0 59.3	1.883	2.744	13.6	20.4
7 30	22 13.63	− 1 30.0	1.809	2.742	10.4	20.1
8 9	22 6.82	− 2 18.4	1.758	2.739	6.7	19.9
8 19	21 58.93	− 3 21.7	1.732	2.736	3.5	19.7
8 29	21 50.83	− 4 34.4	1.734	2.732	4.0	19.7
9 8	21 43.46	− 5 50.1	1.763	2.729	7.5	20.0
9 18	21 37.63	− 7 2.3	1.817	2.725	11.1	20.2
9 28	21 33.94	− 8 5.7	1.894	2.721	14.3	20.4

468596 2007 UR_{22} 8 20.1 249°.08 0°.7/20.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 21.70	− 8 0.5	1.498	2.389	14.8	22.0
7 30	22 16.18	− 8 37.3	1.424	2.380	10.7	21.7
8 9	22 8.39	− 9 29.0	1.374	2.369	6.0	21.4
8 19	21 59.10	−10 30.7	1.347	2.359	1.1	21.1
8 29	21 49.47	−11 35.3	1.347	2.348	4.4	21.3
9 8	21 40.75	−12 35.1	1.373	2.337	9.4	21.6
9 18	21 34.04	−13 24.3	1.422	2.325	13.9	21.8
9 28	21 30.09	−13 58.9	1.491	2.314	17.7	22.0

193280 2000 SH_{213} 8 20.1 332°.41 4°.3/16.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 16.55	−17 56.2	1.250	2.176	14.6	19.2
7 30	22 12.90	−19 15.9	1.186	2.159	10.4	18.9
8 9	22 6.75	−20 43.5	1.144	2.144	6.1	18.6
8 19	21 58.94	−22 8.9	1.124	2.129	4.5	18.5
8 29	21 50.75	−23 21.1	1.129	2.116	8.0	18.7
9 8	21 43.63	−24 11.9	1.156	2.103	12.6	18.9
9 18	21 38.78	−24 37.2	1.203	2.092	17.0	19.1
9 28	21 37.02	−24 36.9	1.268	2.082	20.7	19.3

234009 1997 EX_{39} 8 20.1 242°.35 0°.9/21.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 19.85	− 6 50.8	2.191	3.064	11.5	21.1
7 30	22 14.34	− 7 29.1	2.102	3.048	8.4	20.9
8 9	22 7.20	− 8 19.2	2.038	3.030	4.8	20.7
8 19	21 58.98	− 9 17.6	2.002	3.012	1.2	20.4
8 29	21 50.45	−10 19.6	1.994	2.994	3.3	20.5
9 8	21 42.48	−11 19.7	2.014	2.974	7.1	20.7
9 18	21 35.85	−12 13.2	2.061	2.955	10.7	20.9
9 28	21 31.18	−12 56.7	2.131	2.934	13.8	21.1

93587 2000 UJ_{52} 8 20.1 158°.68 4°.8/15.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 23.20	−24 50.3	2.116	3.015	10.8	19.2
7 30	22 16.64	−25 53.2	2.066	3.021	7.9	19.0
8 9	22 8.36	−26 52.6	2.041	3.027	5.4	18.9
8 19	21 59.09	−27 42.4	2.043	3.032	4.9	18.9
8 29	21 49.76	−28 17.2	2.073	3.037	6.9	19.0
9 8	21 41.34	−28 34.2	2.129	3.041	9.7	19.2
9 18	21 34.61	−28 33.1	2.209	3.044	12.4	19.4
9 28	21 30.12	−28 15.5	2.310	3.047	14.7	19.6

392514 2011 QX_{19} 8 20.1 214°.20 0°.7/20.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 20.27	− 9 11.4	1.917	2.802	12.3	21.3
7 30	22 14.66	− 9 28.2	1.850	2.802	8.9	21.1
8 9	22 7.34	− 9 54.3	1.806	2.801	5.0	20.8
8 19	21 58.99	−10 26.4	1.789	2.800	1.0	20.5
8 29	21 50.49	−10 59.9	1.800	2.800	3.6	20.8
9 8	21 42.80	−11 30.4	1.837	2.799	7.6	21.0
9 18	21 36.69	−11 54.3	1.900	2.798	11.2	21.2
9 28	21 32.75	−12 9.2	1.984	2.797	14.3	21.4

76085 2000 DF_{92} 8 20.1 29°.34 0°.4/20.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 18.69	− 9 1.0	1.740	2.632	13.1	19.3
7 30	22 13.65	− 9 32.7	1.679	2.635	9.3	19.0
8 9	22 6.83	−10 15.3	1.642	2.638	5.2	18.8
8 19	21 58.93	−11 4.5	1.630	2.641	0.8	18.5
8 29	21 50.93	−11 54.5	1.645	2.645	3.8	18.7
9 8	21 43.80	−12 39.7	1.686	2.649	8.0	19.0
9 18	21 38.36	−13 15.9	1.752	2.653	11.8	19.3
9 28	21 35.18	−13 40.3	1.839	2.657	15.0	19.5

480222 2015 GX_{33} 8 20.1 0°.88 12°.2/ 9.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 12.43	−32 27.9	0.999	1.937	16.2	19.1
7 30	22 10.43	−34 49.9	0.969	1.932	13.4	18.9
8 9	22 5.52	−36 56.6	0.958	1.930	12.2	18.9
8 19	21 58.80	−38 32.4	0.967	1.930	13.2	18.9
8 29	21 51.96	−39 26.0	0.996	1.932	15.7	19.1
9 8	21 46.71	−39 34.3	1.042	1.936	18.8	19.3
9 18	21 44.24	−39 1.0	1.104	1.942	21.8	19.5
9 28	21 45.19	−37 53.1	1.179	1.950	24.3	19.7

180784 2004 RB_{152} 8 20.1 31°.79 6°.9/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 15.64	+10 39.8	2.007	2.809	15.1	19.7
7 30	22 11.35	+10 34.3	1.937	2.814	12.6	19.5
8 9	22 5.54	+10 4.7	1.887	2.819	9.9	19.4
8 19	21 58.80	+ 9 11.5	1.860	2.824	7.7	19.3
8 29	21 51.93	+ 7 57.9	1.859	2.830	7.0	19.2
9 8	21 45.76	+ 6 30.1	1.883	2.835	8.2	19.3
9 18	21 40.98	+ 4 55.2	1.933	2.841	10.5	19.5
9 28	21 38.15	+ 3 21.0	2.007	2.848	13.1	19.7

280052 2002 BJ_{13} 8 20.1 140°.65 4°.4/16.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 23.21	−22 48.6	1.961	2.863	11.4	20.5
7 30	22 16.70	−23 49.5	1.912	2.871	8.2	20.4
8 9	22 8.41	−24 48.4	1.889	2.880	5.3	20.2
8 19	21 59.10	−25 38.8	1.893	2.888	4.5	20.2
8 29	21 49.76	−26 15.1	1.924	2.896	6.7	20.3
9 8	21 41.40	−26 34.1	1.981	2.903	9.7	20.5
9 18	21 34.82	−26 35.3	2.062	2.910	12.7	20.7
9 28	21 30.56	−26 20.1	2.163	2.916	15.1	20.9

84983 2003 YO_{65} 8 20.1 193°.77 0°.7/19.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 21.84	−11 18.9	1.732	2.625	13.1	20.3
7 30	22 15.97	−12 9.3	1.666	2.624	9.2	20.0
8 9	22 8.13	−13 9.8	1.624	2.622	4.9	19.8
8 19	21 59.08	−14 14.4	1.608	2.620	0.8	19.5
8 29	21 49.83	−15 16.4	1.620	2.617	4.4	19.7
9 8	21 41.47	−16 9.7	1.659	2.614	8.8	20.0
9 18	21 34.90	−16 50.0	1.722	2.611	12.7	20.2
9 28	21 30.79	−17 15.2	1.805	2.607	15.9	20.4

518206 2016 PQ_{98} 8 20.1 90°.68 6°.1/15.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 26.23	−27 27.0	1.730	2.632	12.6	21.0
7 30	22 18.95	−28 13.8	1.690	2.645	9.4	20.9
8 9	22 9.63	−28 53.1	1.674	2.657	6.7	20.7
8 19	21 59.23	−29 18.2	1.684	2.670	6.2	20.7
8 29	21 48.95	−29 24.1	1.720	2.682	8.2	20.9
9 8	21 39.99	−29 9.5	1.782	2.695	11.1	21.1
9 18	21 33.18	−28 35.9	1.865	2.707	14.0	21.3
9 28	21 29.07	−27 46.5	1.969	2.719	16.5	21.5

446446 2014 JE_{49} 8 20.2 131°.24 6°.3/26.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 18.41	+ 7 43.7	2.118	2.929	14.1	21.1
7 30	22 13.26	+ 7 59.4	2.045	2.931	11.6	20.9
8 9	22 6.57	+ 7 55.2	1.993	2.934	9.0	20.7
8 19	21 58.93	+ 7 31.1	1.966	2.936	6.9	20.6
8 29	21 51.12	+ 6 49.3	1.964	2.938	6.4	20.6
9 8	21 43.99	+ 5 54.4	1.989	2.940	7.9	20.7
9 18	21 38.23	+ 4 52.0	2.039	2.942	10.4	20.9
9 28	21 34.42	+ 3 48.3	2.113	2.943	12.9	21.0

119917 2002 ER_{84} 8 20.2 172°.88 0°.7/19.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 18.54	−13 4.9	2.551	3.438	9.6	21.0
7 30	22 13.11	−13 39.0	2.484	3.440	6.7	20.9
8 9	22 6.39	−14 18.1	2.444	3.441	3.6	20.7
8 19	21 58.91	−14 58.6	2.431	3.443	0.7	20.4
8 29	21 51.33	−15 36.6	2.448	3.444	3.3	20.7
9 8	21 44.36	−16 8.6	2.493	3.444	6.5	20.9
9 18	21 38.59	−16 32.3	2.564	3.445	9.3	21.1
9 28	21 34.49	−16 46.3	2.659	3.445	11.8	21.2

38368 1999 RQ_{164} 8 20.2 49°.86 1°.6/19.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 27.34	−17 2.9	1.557	2.457	13.9	17.5
7 30	22 19.84	−16 53.5	1.503	2.464	9.8	17.3
8 9	22 10.17	−16 45.6	1.473	2.472	5.3	17.0
8 19	21 59.31	−16 35.1	1.469	2.480	1.6	16.8
8 29	21 48.51	−16 18.6	1.492	2.488	5.0	17.1
9 8	21 39.01	−15 54.0	1.542	2.497	9.4	17.3
9 18	21 31.75	−15 21.0	1.615	2.505	13.3	17.6
9 28	21 27.29	−14 40.2	1.709	2.514	16.5	17.9

508108 2015 DP_{175} 8 20.2 284°.33 1°.0/19.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 19.96	−11 31.6	1.488	2.391	14.2	20.9
7 30	22 14.95	−12 25.6	1.420	2.383	10.1	20.6
8 9	22 7.73	−13 31.6	1.375	2.374	5.4	20.3
8 19	21 59.07	−14 43.0	1.354	2.366	1.0	20.0
8 29	21 50.12	−15 51.7	1.359	2.357	5.0	20.3
9 8	21 42.12	−16 50.1	1.390	2.349	9.8	20.5
9 18	21 36.10	−17 33.3	1.444	2.340	14.2	20.7
9 28	21 32.81	−17 58.6	1.517	2.332	17.8	21.0

371865 2008 BN_{47} 8 20.2 202°.37 0°.9/20.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 21.25	− 6 52.7	1.764	2.646	13.4	21.8
7 30	22 15.55	− 7 35.8	1.693	2.643	9.8	21.6
8 9	22 7.92	− 8 32.8	1.646	2.639	5.6	21.3
8 19	21 59.09	− 9 39.1	1.624	2.635	1.3	21.0
8 29	21 50.02	−10 48.3	1.630	2.630	3.8	21.2
9 8	21 41.78	−11 53.7	1.663	2.625	8.2	21.5
9 18	21 35.25	−12 49.9	1.721	2.619	12.2	21.7
9 28	21 31.10	−13 33.1	1.801	2.613	15.5	21.9

83991 2002 MS_{1} 8 20.2 2°.69 22°.2/ 7.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 28.05	+34 33.4	1.545	2.171	25.3	17.8
7 30	22 21.54	+38 5.1	1.494	2.169	24.3	17.7
8 9	22 11.81	+41 0.4	1.457	2.169	23.4	17.6
8 19	21 59.55	+43 8.5	1.434	2.170	22.7	17.6
8 29	21 46.18	+44 22.0	1.426	2.172	22.3	17.5
9 8	21 33.55	+44 40.7	1.430	2.176	22.2	17.5
9 18	21 23.42	+44 10.4	1.448	2.180	22.3	17.6
9 28	21 17.09	+43 2.2	1.478	2.187	22.7	17.6

372871 2010 WJ_{28} 8 20.2 255°.52 2°.9/22.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 22.25	− 4 9.9	1.561	2.439	15.1	21.3
7 30	22 16.51	− 4 13.3	1.485	2.428	11.3	21.1
8 9	22 8.57	− 4 32.8	1.431	2.418	7.1	20.8
8 19	21 59.18	− 5 6.0	1.401	2.407	3.3	20.6
8 29	21 49.44	− 5 48.4	1.397	2.396	4.5	20.6
9 8	21 40.58	− 6 33.6	1.419	2.385	8.9	20.8
9 18	21 33.64	− 7 16.0	1.465	2.374	13.2	21.1
9 28	21 29.37	− 7 50.4	1.531	2.362	16.9	21.3

444687 2007 DH_{116} 8 20.2 176°.63 8°.6/11.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 29.58	−44 2.5	2.714	3.561	10.4	21.3
7 30	22 21.00	−44 48.8	2.675	3.562	9.2	21.2
8 9	22 10.65	−45 19.5	2.660	3.563	8.6	21.2
8 19	21 59.37	−45 29.3	2.670	3.564	8.8	21.2
8 29	21 48.22	−45 15.4	2.706	3.565	9.8	21.3
9 8	21 38.21	−44 38.3	2.765	3.565	11.2	21.4
9 18	21 30.13	−43 40.5	2.846	3.565	12.7	21.5
9 28	21 24.46	−42 26.3	2.946	3.564	14.0	21.6

91614 1999 TF_{32} 8 20.2 278°.59 4°.1/16.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 21.31	−23 55.6	2.186	3.087	10.4	19.1
7 30	22 15.31	−24 33.3	2.125	3.083	7.5	18.9
8 9	22 7.68	−25 8.4	2.088	3.078	5.0	18.8
8 19	21 59.08	−25 35.7	2.079	3.074	4.2	18.7
8 29	21 50.38	−25 50.8	2.097	3.070	6.2	18.8
9 8	21 42.50	−25 51.4	2.142	3.065	9.0	19.0
9 18	21 36.18	−25 36.9	2.210	3.061	11.8	19.2
9 28	21 31.97	−25 8.4	2.300	3.056	14.2	19.3

118246 1997 SR_{15} 8 20.2 292°.22 2°.9/22.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 19.87	− 3 32.7	1.571	2.450	15.0	19.4
7 30	22 14.76	− 3 43.7	1.499	2.442	11.2	19.1
8 9	22 7.59	− 4 11.8	1.448	2.435	7.1	18.9
8 19	21 59.08	− 4 54.4	1.421	2.427	3.3	18.6
8 29	21 50.29	− 5 46.3	1.420	2.420	4.4	18.7
9 8	21 42.36	− 6 40.9	1.445	2.412	8.6	18.9
9 18	21 36.27	− 7 32.0	1.493	2.405	12.8	19.1
9 28	21 32.74	− 8 14.3	1.562	2.398	16.4	19.4

117159 2004 QE_{12} 8 20.2 321°.59 5°.0/15.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 18.51	−24 38.8	2.042	2.950	10.7	19.1
7 30	22 13.50	−25 52.9	1.986	2.946	7.8	18.9
8 9	22 6.77	−27 5.0	1.954	2.941	5.5	18.7
8 19	21 58.99	−28 8.1	1.949	2.937	5.3	18.7
8 29	21 51.05	−28 56.2	1.970	2.933	7.3	18.8
9 8	21 43.92	−29 25.6	2.017	2.929	10.1	19.0
9 18	21 38.37	−29 35.3	2.087	2.925	12.9	19.2
9 28	21 34.98	−29 26.2	2.176	2.922	15.3	19.4

11675 Billboyle 8 20.2 98°.74 0°.8/20.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 23.37	− 7 43.3	1.477	2.366	15.1	18.0
7 30	22 17.07	− 8 21.5	1.430	2.384	10.8	17.7
8 9	22 8.71	− 9 13.2	1.406	2.401	6.0	17.5
8 19	21 59.19	−10 12.7	1.407	2.418	1.2	17.2
8 29	21 49.69	−11 13.0	1.434	2.434	4.2	17.5
9 8	21 41.41	−12 7.1	1.487	2.451	8.9	17.8
9 18	21 35.22	−12 50.3	1.564	2.466	12.9	18.1
9 28	21 31.71	−13 19.8	1.662	2.482	16.3	18.4

338701 2003 UT_{32} 8 20.2 205°.22 4°.4/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 18.54	+ 4 27.9	2.427	3.248	12.2	21.3
7 30	22 13.24	+ 4 12.3	2.342	3.243	9.7	21.1
8 9	22 6.55	+ 3 39.7	2.281	3.237	7.1	21.0
8 19	21 58.97	+ 2 51.2	2.245	3.231	4.9	20.8
8 29	21 51.20	+ 1 50.1	2.238	3.224	4.6	20.8
9 8	21 43.97	+ 0 40.9	2.259	3.217	6.6	20.9
9 18	21 37.93	− 0 30.9	2.307	3.209	9.3	21.1
9 28	21 33.61	− 1 40.1	2.379	3.200	11.9	21.2

266276 2007 AX_{23} 8 20.2 177°.49 0°.6/20.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 21.52	− 8 19.3	1.921	2.802	12.5	21.7
7 30	22 15.58	− 8 56.5	1.854	2.804	9.0	21.5
8 9	22 7.89	− 9 44.6	1.811	2.806	5.0	21.3
8 19	21 59.13	−10 39.5	1.795	2.806	0.9	21.0
8 29	21 50.21	−11 35.5	1.807	2.807	3.6	21.2
9 8	21 42.10	−12 27.1	1.846	2.806	7.7	21.4
9 18	21 35.61	−13 10.2	1.911	2.805	11.4	21.6
9 28	21 31.31	−13 41.7	1.998	2.804	14.5	21.9

310530 2001 BD_{8} 8 20.2 215°.40 4°.3/14.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 18.35	−24 42.6	2.630	3.529	8.9	20.4
7 30	22 13.13	−26 4.5	2.568	3.523	6.5	20.3
8 9	22 6.50	−27 24.9	2.533	3.517	4.7	20.2
8 19	21 58.98	−28 38.1	2.526	3.510	4.5	20.1
8 29	21 51.29	−29 38.9	2.547	3.503	6.3	20.2
9 8	21 44.16	−30 23.8	2.596	3.496	8.6	20.4
9 18	21 38.26	−30 51.4	2.669	3.488	11.0	20.5
9 28	21 34.11	−31 2.0	2.763	3.480	13.0	20.7

24203 1999 XA_{46} 8 20.2 19°.27 4°.6/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 18.88	− 3 8.5	0.980	1.885	19.6	17.5
7 30	22 14.59	− 2 45.0	0.937	1.892	14.8	17.3
8 9	22 7.64	− 2 44.8	0.912	1.901	9.6	17.0
8 19	21 59.11	− 3 5.4	0.907	1.912	5.2	16.8
8 29	21 50.55	− 3 40.9	0.923	1.924	6.0	16.9
9 8	21 43.49	− 4 22.9	0.962	1.937	10.6	17.2
9 18	21 39.07	− 5 3.2	1.020	1.952	15.4	17.5
9 28	21 37.91	− 5 35.1	1.097	1.967	19.4	17.9

489595 2007 TT_{152} 8 20.2 347°.57 2°.8/21.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 13.36	− 6 34.7	1.049	1.966	17.5	20.2
7 30	22 10.84	− 6 21.7	0.982	1.947	13.1	19.9
8 9	22 5.76	− 6 26.6	0.934	1.931	8.0	19.5
8 19	21 58.94	− 6 47.3	0.907	1.916	3.2	19.2
8 29	21 51.72	− 7 18.1	0.901	1.904	5.2	19.3
9 8	21 45.61	− 7 51.6	0.917	1.894	10.6	19.6
9 18	21 41.86	− 8 20.7	0.952	1.887	15.8	19.8
9 28	21 41.33	− 8 39.2	1.004	1.882	20.3	20.1

36805 2000 SW_{62} 8 20.2 225°.40 2°.3/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 17.52	− 2 11.9	2.555	3.408	10.7	20.5
7 30	22 12.48	− 2 34.3	2.470	3.399	8.1	20.3
8 9	22 6.13	− 3 8.9	2.410	3.390	5.2	20.1
8 19	21 58.96	− 3 53.6	2.377	3.381	2.7	19.9
8 29	21 51.60	− 4 45.1	2.373	3.371	3.2	19.9
9 8	21 44.75	− 5 39.2	2.398	3.361	6.0	20.1
9 18	21 39.01	− 6 31.7	2.449	3.350	8.9	20.3
9 28	21 34.88	− 7 18.8	2.525	3.339	11.6	20.4

162871 2001 EO_{26} 8 20.2 217°.19 1°.1/21.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 19.44	− 6 52.8	2.004	2.883	12.2	20.4
7 30	22 14.10	− 7 25.1	1.931	2.878	8.9	20.2
8 9	22 7.11	− 8 9.4	1.881	2.874	5.1	20.0
8 19	21 59.07	− 9 1.9	1.858	2.869	1.4	19.7
8 29	21 50.83	− 9 57.6	1.863	2.863	3.4	19.9
9 8	21 43.31	−10 51.0	1.896	2.858	7.3	20.1
9 18	21 37.25	−11 37.7	1.953	2.852	10.9	20.3
9 28	21 33.27	−12 14.2	2.034	2.846	14.0	20.5

483252 2015 SA_{8} 8 20.2 252°.66 5°.4/14.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 25.28	−31 48.6	2.757	3.640	9.1	21.4
7 30	22 17.97	−32 21.0	2.685	3.622	7.2	21.3
8 9	22 9.10	−32 45.8	2.638	3.604	5.7	21.1
8 19	21 59.28	−32 58.4	2.619	3.586	5.6	21.1
8 29	21 49.34	−32 55.4	2.628	3.567	7.0	21.2
9 8	21 40.14	−32 35.5	2.665	3.548	9.0	21.3
9 18	21 32.37	−31 59.4	2.726	3.528	11.2	21.4
9 28	21 26.59	−31 9.1	2.808	3.509	13.1	21.5

191883 2004 XC_{144} 8 20.2 337°.49 10°.9/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 14.54	+12 6.2	1.320	2.147	20.2	18.7
7 30	22 11.38	+12 48.6	1.244	2.131	17.4	18.4
8 9	22 5.96	+12 58.5	1.184	2.117	14.4	18.2
8 19	21 58.97	+12 31.9	1.144	2.104	11.9	18.0
8 29	21 51.53	+11 29.6	1.124	2.091	10.9	17.9
9 8	21 44.94	+ 9 58.2	1.126	2.080	12.1	18.0
9 18	21 40.34	+ 8 8.3	1.149	2.071	14.9	18.1
9 28	21 38.60	+ 6 12.8	1.192	2.062	18.2	18.3

144385 2004 DJ_{69} 8 20.2 346°.30 0°.7/19.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 21.30	−13 39.3	1.558	2.462	13.6	18.9
7 30	22 15.76	−13 45.2	1.494	2.457	9.7	18.7
8 9	22 8.12	−13 57.4	1.453	2.452	5.2	18.4
8 19	21 59.19	−14 11.5	1.436	2.448	0.8	18.1
8 29	21 50.09	−14 22.9	1.445	2.444	4.6	18.3
9 8	21 42.01	−14 27.5	1.480	2.441	9.1	18.6
9 18	21 35.90	−14 23.0	1.538	2.438	13.2	18.8
9 28	21 32.41	−14 8.0	1.616	2.437	16.7	19.1

459939 2014 NC_{21} 8 20.2 311°.56 7°.5/26.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 17.16	+ 9 22.1	2.091	2.896	14.5	21.2
7 30	22 12.62	+ 9 56.5	1.994	2.871	12.2	21.0
8 9	22 6.40	+10 10.9	1.917	2.847	9.9	20.8
8 19	21 59.02	+10 3.8	1.864	2.824	8.0	20.7
8 29	21 51.24	+ 9 35.6	1.835	2.800	7.5	20.6
9 8	21 43.96	+ 8 49.8	1.832	2.777	8.9	20.6
9 18	21 37.98	+ 7 51.5	1.853	2.754	11.3	20.7
9 28	21 33.99	+ 6 47.4	1.897	2.731	14.0	20.9

23943 1998 UO_{2} 8 20.2 38°.31 8°.2/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 25.87	−31 30.2	1.487	2.394	14.0	17.8
7 30	22 18.99	−32 21.2	1.455	2.406	10.9	17.6
8 9	22 9.77	−32 59.7	1.444	2.418	8.6	17.5
8 19	21 59.34	−33 17.7	1.457	2.431	8.4	17.5
8 29	21 49.13	−33 10.3	1.495	2.444	10.3	17.7
9 8	21 40.48	−32 37.4	1.555	2.458	13.1	17.9
9 18	21 34.33	−31 42.1	1.636	2.473	15.9	18.1
9 28	21 31.17	−30 29.4	1.736	2.487	18.4	18.3

217671 1998 UH_{24} 8 20.2 355°.22 4°.1/17.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 12.59	−15 58.6	0.925	1.865	16.9	18.5
7 30	22 10.47	−17 20.7	0.876	1.857	11.9	18.2
8 9	22 5.59	−18 54.3	0.847	1.850	6.6	17.9
8 19	21 58.93	−20 27.0	0.838	1.846	4.2	17.7
8 29	21 52.01	−21 45.4	0.850	1.843	8.4	18.0
9 8	21 46.49	−22 39.2	0.882	1.842	13.7	18.2
9 18	21 43.60	−23 3.8	0.932	1.844	18.6	18.5
9 28	21 44.09	−22 59.3	0.998	1.847	22.6	18.8

114763 2003 JF_{1} 8 20.2 44°.64 7°.5/13.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 20.26	−26 30.0	1.451	2.369	13.5	18.7
7 30	22 15.22	−28 27.8	1.415	2.377	10.2	18.5
8 9	22 7.87	−30 19.9	1.403	2.385	7.8	18.4
8 19	21 59.16	−31 55.0	1.415	2.394	8.0	18.4
8 29	21 50.38	−33 3.9	1.452	2.403	10.4	18.6
9 8	21 42.84	−33 42.4	1.511	2.412	13.5	18.8
9 18	21 37.54	−33 51.3	1.591	2.422	16.5	19.0
9 28	21 35.12	−33 33.8	1.687	2.432	19.0	19.2

198460 2004 XA_{16} 8 20.2 333°.54 1°.6/21.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 16.82	− 7 24.8	1.246	2.152	16.1	19.1
7 30	22 13.09	− 7 35.0	1.173	2.134	11.9	18.8
8 9	22 6.92	− 8 1.7	1.120	2.116	7.0	18.5
8 19	21 59.08	− 8 41.3	1.089	2.099	2.1	18.1
8 29	21 50.82	− 9 27.5	1.081	2.084	4.7	18.3
9 8	21 43.52	−10 12.7	1.097	2.069	10.1	18.5
9 18	21 38.39	−10 50.2	1.134	2.056	15.0	18.8
9 28	21 36.27	−11 15.0	1.190	2.044	19.3	19.0

439151 2011 UP_{186} 8 20.2 333°.14 1°.1/19.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 16.88	−12 3.1	1.621	2.526	13.1	21.0
7 30	22 12.64	−12 56.6	1.552	2.516	9.3	20.8
8 9	22 6.45	−14 0.7	1.507	2.507	4.9	20.5
8 19	21 59.02	−15 9.3	1.487	2.498	1.1	20.2
8 29	21 51.35	−16 15.0	1.493	2.490	4.7	20.5
9 8	21 44.52	−17 11.1	1.525	2.483	9.2	20.7
9 18	21 39.43	−17 52.8	1.579	2.476	13.2	20.9
9 28	21 36.76	−18 17.8	1.654	2.470	16.6	21.1

348772 2006 KN_{15} 8 20.2 329°.59 5°.4/15.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 20.88	−23 55.4	1.692	2.603	12.3	20.1
7 30	22 15.44	−25 7.2	1.638	2.600	9.0	19.9
8 9	22 7.94	−26 17.0	1.608	2.597	6.1	19.7
8 19	21 59.18	−27 16.8	1.603	2.595	5.6	19.6
8 29	21 50.29	−27 59.5	1.624	2.593	8.0	19.8
9 8	21 42.40	−28 21.1	1.670	2.591	11.3	20.0
9 18	21 36.46	−28 21.0	1.737	2.589	14.5	20.2
9 28	21 33.10	−28 0.7	1.824	2.587	17.2	20.4

514449 2016 UZ_{68} 8 20.2 275°.35 0°.1/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 19.50	−10 32.6	1.883	2.774	12.3	21.2
7 30	22 14.25	−11 3.2	1.812	2.768	8.7	21.0
8 9	22 7.23	−11 43.0	1.765	2.762	4.8	20.7
8 19	21 59.12	−12 27.8	1.744	2.756	0.5	20.4
8 29	21 50.81	−13 12.3	1.751	2.750	3.8	20.7
9 8	21 43.27	−13 51.5	1.784	2.744	7.9	20.9
9 18	21 37.31	−14 21.6	1.842	2.738	11.6	21.1
9 28	21 33.55	−14 40.3	1.922	2.732	14.8	21.3

367959 2012 DX_{69} 8 20.2 142°.25 3°.0/22.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 24.14	− 3 33.5	1.625	2.495	15.0	21.6
7 30	22 17.62	− 3 37.2	1.564	2.503	11.2	21.4
8 9	22 9.07	− 3 56.7	1.526	2.511	7.0	21.1
8 19	21 59.32	− 4 29.1	1.512	2.518	3.4	20.9
8 29	21 49.45	− 5 9.9	1.526	2.525	4.4	21.0
9 8	21 40.61	− 5 53.1	1.566	2.531	8.4	21.3
9 18	21 33.71	− 6 33.5	1.631	2.537	12.3	21.5
9 28	21 29.37	− 7 6.5	1.717	2.542	15.6	21.8

159496 2000 UV_{17} 8 20.2 308°.44 7°.5/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 16.39	+ 9 7.1	1.600	2.426	17.3	19.7
7 30	22 12.38	+ 9 1.1	1.517	2.413	14.4	19.4
8 9	22 6.38	+ 8 26.2	1.454	2.400	11.2	19.2
8 19	21 59.04	+ 7 21.8	1.412	2.388	8.4	19.0
8 29	21 51.34	+ 5 51.5	1.395	2.376	7.6	18.9
9 8	21 44.38	+ 4 3.2	1.402	2.364	9.5	19.0
9 18	21 39.12	+ 2 7.1	1.434	2.352	12.8	19.2
9 28	21 36.32	+ 0 13.5	1.488	2.341	16.2	19.4

347545 2000 EB_{36} 8 20.2 223°.94 1°.0/19.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 21.77	−14 15.0	2.371	3.258	10.2	21.9
7 30	22 15.60	−14 41.7	2.293	3.248	7.2	21.7
8 9	22 7.88	−15 12.8	2.239	3.237	3.9	21.5
8 19	21 59.20	−15 44.6	2.214	3.225	1.0	21.2
8 29	21 50.32	−16 13.3	2.218	3.213	3.7	21.4
9 8	21 42.07	−16 35.2	2.251	3.201	7.2	21.6
9 18	21 35.16	−16 48.1	2.310	3.188	10.3	21.8
9 28	21 30.15	−16 51.0	2.391	3.174	13.0	22.0

346286 2008 KF_{27} 8 20.2 248°.76 15°.9/ 3.6 13 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 19.81	+24 23.0	1.321	2.062	24.3	20.7
7 30	22 15.30	+25 16.3	1.250	2.057	22.2	20.5
8 9	22 8.18	+25 26.9	1.192	2.052	19.8	20.3
8 19	21 59.26	+24 47.8	1.149	2.047	17.6	20.2
8 29	21 49.83	+23 16.8	1.125	2.041	16.1	20.1
9 8	21 41.42	+21 0.0	1.121	2.036	16.0	20.1
9 18	21 35.31	+18 10.7	1.137	2.030	17.4	20.1
9 28	21 32.43	+15 6.0	1.173	2.025	19.7	20.3

404664 2014 HT_{125} 8 20.2 29°.62 0°.2/20.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 18.49	− 9 37.2	1.863	2.754	12.4	21.4
7 30	22 13.49	−10 12.9	1.800	2.756	8.8	21.2
8 9	22 6.79	−10 58.5	1.761	2.758	4.8	20.9
8 19	21 59.09	−11 49.8	1.748	2.760	0.6	20.6
8 29	21 51.25	−12 41.1	1.763	2.762	3.7	20.9
9 8	21 44.23	−13 27.1	1.804	2.765	7.8	21.1
9 18	21 38.78	−14 3.9	1.870	2.768	11.4	21.4
9 28	21 35.48	−14 28.8	1.957	2.770	14.4	21.6

5311 1981 GD_{1} 8 20.2 198°.92 1°.5/21.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 17.96	− 5 35.2	2.440	3.308	10.7	19.0
7 30	22 12.82	− 5 56.4	2.366	3.306	7.8	18.8
8 9	22 6.34	− 6 27.9	2.316	3.304	4.7	18.6
8 19	21 59.04	− 7 6.9	2.294	3.302	1.8	18.4
8 29	21 51.61	− 7 49.9	2.300	3.299	3.0	18.5
9 8	21 44.76	− 8 32.9	2.334	3.297	6.1	18.7
9 18	21 39.10	− 9 12.2	2.395	3.294	9.2	18.9
9 28	21 35.12	− 9 44.9	2.480	3.290	11.8	19.1

180502 2004 CT_{93} 8 20.2 57°.78 0°.7/19.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 23.38	−12 20.0	1.322	2.228	15.4	19.9
7 30	22 17.29	−12 45.2	1.279	2.242	10.9	19.7
8 9	22 8.93	−13 19.4	1.258	2.257	5.8	19.4
8 19	21 59.32	−13 56.5	1.260	2.272	0.8	19.1
8 29	21 49.77	−14 30.0	1.288	2.287	4.9	19.5
9 8	21 41.59	−14 54.3	1.341	2.303	9.8	19.8
9 18	21 35.73	−15 6.6	1.416	2.318	14.0	20.1
9 28	21 32.75	−15 5.5	1.511	2.334	17.5	20.4

516175 2016 PP_{87} 8 20.2 256°.13 2°.9/17.9 18

7 20	22 24.29	−20 10.8	2.065	2.962	11.1	21.6
7 30	22 17.61	−20 34.5	1.989	2.947	7.9	21.4
8 9	22 9.06	−20 58.3	1.937	2.932	4.6	21.2
8 19	21 59.35	−21 17.2	1.913	2.917	3.0	21.0
8 29	21 49.41	−21 26.8	1.917	2.902	5.4	21.2
9 8	21 40.27	−21 24.3	1.948	2.886	8.8	21.3
9 18	21 32.79	−21 8.7	2.004	2.870	12.2	21.5
9 28	21 27.59	−20 40.5	2.081	2.854	15.0	21.7

39400 6808 *P–L* 8 20.2 42°.90 2°.5/18.1 18

7 20	22 19.91	−17 54.1	1.911	2.815	11.5	19.0
7 30	22 14.40	−18 29.7	1.861	2.824	8.0	18.8
8 9	22 7.24	−19 7.3	1.836	2.834	4.5	18.6
8 19	21 59.14	−19 41.7	1.837	2.844	2.5	18.5
8 29	21 51.04	−20 8.1	1.865	2.854	5.0	18.7
9 8	21 43.86	−20 23.1	1.919	2.865	8.5	18.9
9 18	21 38.33	−20 25.3	1.998	2.875	11.7	19.1
9 28	21 34.97	−20 14.5	2.097	2.886	14.4	19.3

254478 2005 EA_{12} 8 20.2 212°.08 3°.0/18.2 17

7 20	22 26.89	−18 33.3	1.629	2.529	13.3	20.8
7 30	22 19.75	−19 4.9	1.564	2.524	9.5	20.6
8 9	22 10.33	−19 38.5	1.522	2.519	5.4	20.4
8 19	21 59.49	−20 7.8	1.507	2.514	3.0	20.2
8 29	21 48.47	−20 26.7	1.518	2.507	6.0	20.4
9 8	21 38.55	−20 31.6	1.556	2.501	10.2	20.6
9 18	21 30.76	−20 21.3	1.617	2.494	14.1	20.8
9 28	21 25.79	−19 56.6	1.698	2.486	17.3	21.0

301344 2009 BC_{189} 8 20.2 153°.99 1°.6/18.8 18

7 20	22 21.76	−15 45.7	2.164	3.057	10.8	21.3
7 30	22 15.59	−16 17.7	2.104	3.062	7.6	21.1
8 9	22 7.86	−16 53.2	2.069	3.067	4.1	20.9
8 19	21 59.22	−17 27.7	2.062	3.072	1.6	20.7
8 29	21 50.51	−17 56.8	2.083	3.076	4.2	20.9
9 8	21 42.61	−18 17.1	2.132	3.080	7.7	21.1
9 18	21 36.21	−18 26.7	2.207	3.083	10.8	21.3
9 28	21 31.84	−18 25.0	2.303	3.086	13.5	21.5

474418 2002 XZ_{37} 8 20.2 289°.36 5°.2/23.8 17

7 20	22 21.91	+ 2 3.7	2.052	2.889	13.6	21.5
7 30	22 16.14	+ 2 30.4	1.943	2.854	10.9	21.3
8 9	22 8.43	+ 2 41.9	1.856	2.819	7.9	21.1
8 19	21 59.31	+ 2 37.4	1.795	2.783	5.6	20.8
8 29	21 49.62	+ 2 18.1	1.760	2.747	5.6	20.8
9 8	21 40.35	+ 1 47.4	1.753	2.710	8.3	20.9
9 18	21 32.43	+ 1 9.8	1.772	2.673	11.7	21.0
9 28	21 26.67	+ 0 30.7	1.812	2.635	15.0	21.1

386377 2008 UV_{11} 8 20.2 188°.48 2°.4/17.9 18

7 20	22 23.58	−19 14.4	2.482	3.372	9.7	22.2
7 30	22 16.78	−19 48.6	2.415	3.371	6.9	22.1
8 9	22 8.48	−20 23.4	2.374	3.369	3.9	21.9
8 19	21 59.29	−20 54.4	2.362	3.367	2.5	21.8
8 29	21 50.01	−21 17.8	2.380	3.364	4.6	21.9
9 8	21 41.43	−21 30.8	2.426	3.360	7.5	22.1
9 18	21 34.24	−21 32.3	2.498	3.356	10.4	22.3
9 28	21 28.96	−21 22.1	2.592	3.351	12.8	22.4

471073 2009 WD_{29} 8 20.2 296°.72 5°.3/16.1 18

7 20	22 21.56	−22 4.9	1.487	2.402	13.4	21.3
7 30	22 16.27	−23 16.4	1.423	2.388	9.8	21.1
8 9	22 8.58	−24 28.9	1.381	2.375	6.3	20.9
8 19	21 59.32	−25 33.5	1.364	2.362	5.5	20.8
8 29	21 49.74	−26 21.6	1.372	2.348	8.3	20.9
9 8	21 41.20	−26 47.5	1.404	2.335	12.2	21.1
9 18	21 34.82	−26 49.8	1.457	2.322	16.0	21.3
9 28	21 31.37	−26 29.8	1.529	2.310	19.2	21.5

374792 2006 TE_{66} 8 20.2 282°.85 5°.7/16.5 18

7 20	22 25.42	−23 52.2	1.435	2.347	14.1	20.9
7 30	22 19.08	−24 43.4	1.372	2.334	10.3	20.7
8 9	22 10.13	−25 32.4	1.330	2.322	6.9	20.5
8 19	21 59.50	−26 10.3	1.313	2.309	5.9	20.4
8 29	21 48.58	−26 29.5	1.321	2.297	8.6	20.5
9 8	21 38.88	−26 26.1	1.353	2.284	12.5	20.7
9 18	21 31.57	−26 0.1	1.406	2.272	16.4	20.9
9 28	21 27.44	−25 14.4	1.477	2.259	19.7	21.1

144544 2004 EM_{95} 8 20.2 125°.86 1°.4/19.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 23.58	−13 51.0	1.714	2.610	13.0	20.4
7 30	22 17.14	−14 31.8	1.662	2.621	9.1	20.2
8 9	22 8.79	−15 18.7	1.633	2.632	4.9	20.0
8 19	21 59.34	−16 6.2	1.631	2.642	1.4	19.8
8 29	21 49.86	−16 48.2	1.657	2.652	4.7	20.0
9 8	21 41.43	−17 20.0	1.709	2.661	8.8	20.3
9 18	21 34.90	−17 38.9	1.785	2.670	12.5	20.5
9 28	21 30.84	−17 44.1	1.882	2.679	15.5	20.8

311930 2007 CL_{8} 8 20.2 75°.13 1°.2/21.2 18

7 20	22 20.86	− 8 23.5	2.132	3.010	11.6	20.5
7 30	22 14.97	− 8 21.7	2.066	3.013	8.4	20.4
8 9	22 7.55	− 8 28.1	2.023	3.016	4.8	20.1
8 19	21 59.21	− 8 40.3	2.008	3.018	1.4	19.9
8 29	21 50.78	− 8 55.3	2.021	3.021	3.3	20.1
9 8	21 43.10	− 9 9.7	2.061	3.024	6.9	20.3
9 18	21 36.87	− 9 20.7	2.128	3.026	10.2	20.5
9 28	21 32.63	− 9 25.9	2.217	3.029	13.0	20.7

312951 1995 YQ_{11} 8 20.2 330°.07 4°.7/24.1 18

7 20	22 19.72	+ 1 37.0	2.111	2.953	13.1	20.5
7 30	22 14.25	+ 2 2.0	2.036	2.950	10.3	20.4
8 9	22 7.21	+ 2 12.0	1.983	2.948	7.4	20.2
8 19	21 59.19	+ 2 7.3	1.956	2.945	5.1	20.0
8 29	21 50.98	+ 1 49.8	1.956	2.943	5.1	20.0
9 8	21 43.43	+ 1 23.2	1.983	2.941	7.4	20.2
9 18	21 37.29	+ 0 51.7	2.035	2.939	10.3	20.3
9 28	21 33.10	+ 0 20.0	2.110	2.938	13.0	20.5

318221 2004 RO_{208} 8 20.2 352°.26 10°.1/28.8 18

7 20	22 14.86	+12 44.0	1.585	2.393	18.2	19.5
7 30	22 11.29	+13 31.5	1.513	2.385	15.7	19.3
8 9	22 5.80	+13 51.1	1.458	2.378	13.1	19.2
8 19	21 59.04	+13 39.9	1.423	2.373	11.0	19.0
8 29	21 51.99	+12 58.7	1.411	2.368	10.1	19.0
9 8	21 45.71	+11 52.5	1.421	2.365	11.0	19.0
9 18	21 41.13	+10 29.4	1.453	2.362	13.3	19.2
9 28	21 38.97	+ 8 59.3	1.507	2.362	15.9	19.3

400983 2010 XK_{83} 8 20.2 279°.25 2°.4/22.5 18

7 20	22 17.92	− 3 28.3	2.291	3.154	11.5	20.9
7 30	22 12.94	− 3 35.2	2.206	3.141	8.6	20.7
8 9	22 6.50	− 3 54.0	2.146	3.128	5.5	20.5
8 19	21 59.12	− 4 22.8	2.111	3.116	2.8	20.3
8 29	21 51.52	− 4 58.6	2.105	3.103	3.4	20.3
9 8	21 44.47	− 5 37.3	2.126	3.090	6.5	20.5
9 18	21 38.65	− 6 15.0	2.173	3.077	9.7	20.7
9 28	21 34.63	− 6 47.8	2.244	3.064	12.6	20.8

134892 2000 SY_{256} 8 20.2 247°.24 1°.1/21.3 18

7 20	22 16.75	− 5 44.7	2.132	3.008	11.7	19.5
7 30	22 12.15	− 6 35.4	2.060	3.006	8.5	19.3
8 9	22 6.07	− 7 39.1	2.012	3.004	4.9	19.1
8 19	21 59.07	− 8 51.6	1.991	3.002	1.4	18.9
8 29	21 51.91	−10 7.3	1.999	2.999	3.2	19.0
9 8	21 45.37	−11 20.4	2.034	2.997	6.9	19.2
9 18	21 40.16	−12 25.8	2.095	2.995	10.3	19.4
9 28	21 36.82	−13 19.7	2.180	2.992	13.2	19.6

216305 2007 TY_{13} 8 20.2 46°.85 16°.1/ 5.3 17

7 20	22 17.15	+25 0.6	1.056	1.823	27.8	20.2
7 30	22 13.63	+25 22.3	0.999	1.828	25.1	20.0
8 9	22 7.34	+24 49.4	0.953	1.833	22.0	19.8
8 19	21 59.24	+23 15.3	0.921	1.839	18.9	19.6
8 29	21 50.83	+20 41.1	0.907	1.845	16.7	19.5
9 8	21 43.77	+17 19.0	0.913	1.851	16.2	19.5
9 18	21 39.33	+13 29.9	0.939	1.858	17.7	19.6
9 28	21 38.34	+ 9 37.6	0.986	1.865	20.4	19.8

2503 Liaoning 8 20.2 316°.96 5°.8/17.2 18

7 20	22 23.92	−22 16.0	1.055	1.981	16.6	16.9
7 30	22 18.82	−22 53.8	0.986	1.957	12.2	16.6
8 9	22 10.39	−23 31.4	0.936	1.933	7.7	16.2
8 19	21 59.60	−23 58.6	0.908	1.910	5.9	16.1
8 29	21 48.18	−24 5.6	0.902	1.888	9.4	16.2
9 8	21 38.12	−23 46.9	0.916	1.867	14.6	16.4
9 18	21 31.03	−23 2.6	0.950	1.847	19.7	16.6
9 28	21 27.93	−21 56.1	0.999	1.828	24.1	16.8

470645 2008 SZ_{114} 8 20.2 339°.29 3°.7/17.5 18

7 20	22 20.32	−18 33.0	1.445	2.360	13.7	20.8
7 30	22 15.30	−19 28.5	1.386	2.354	9.7	20.5
8 9	22 8.01	−20 27.7	1.351	2.349	5.6	20.3
8 19	21 59.31	−21 22.8	1.339	2.345	3.7	20.1
8 29	21 50.42	−22 6.1	1.353	2.340	6.8	20.3
9 8	21 42.61	−22 32.0	1.391	2.337	11.0	20.5
9 18	21 36.92	−22 38.4	1.451	2.334	15.0	20.8
9 28	21 34.04	−22 25.7	1.529	2.331	18.3	21.0

349836 2009 CF_{26} 8 20.2 263°.07 1°.5/18.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 20.90	−14 21.7	2.058	2.952	11.3	22.2
7 30	22 15.30	−15 4.7	1.973	2.932	8.0	22.0
8 9	22 7.91	−15 54.2	1.913	2.911	4.3	21.7
8 19	21 59.31	−16 45.4	1.880	2.890	1.5	21.5
8 29	21 50.38	−17 32.7	1.875	2.868	4.4	21.6
9 8	21 42.08	−18 11.3	1.897	2.846	8.3	21.8
9 18	21 35.25	−18 37.8	1.944	2.824	11.9	22.0
9 28	21 30.58	−18 50.6	2.013	2.801	15.0	22.2

254275 2004 RM_{199} 8 20.2 50°.35 0°.6/19.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 18.21	−11 39.6	1.894	2.790	12.0	20.6
7 30	22 13.21	−12 22.3	1.844	2.803	8.4	20.4
8 9	22 6.63	−13 12.8	1.818	2.817	4.5	20.2
8 19	21 59.15	−14 5.9	1.819	2.831	0.7	20.0
8 29	21 51.66	−14 56.1	1.847	2.845	3.9	20.3
9 8	21 45.02	−15 38.7	1.902	2.859	7.7	20.5
9 18	21 39.94	−16 10.3	1.981	2.874	11.1	20.8
9 28	21 36.94	−16 29.3	2.082	2.889	13.9	21.0

483498 2002 UL_3 8 20.2 308°.96 9°.0/15.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 38.79	−35 2.9	1.717	2.595	14.0	20.6
7 30	22 29.00	−35 30.3	1.616	2.547	11.5	20.4
8 9	22 15.81	−35 42.9	1.539	2.500	9.5	20.1
8 19	22 0.21	−35 30.0	1.487	2.451	9.2	20.0
8 29	21 43.84	−34 43.9	1.461	2.403	11.2	20.0
9 8	21 28.62	−33 23.0	1.462	2.354	14.5	20.1
9 18	21 16.18	−31 32.0	1.486	2.304	18.1	20.2
9 28	21 7.56	−29 19.0	1.529	2.255	21.4	20.3

141601 2002 JS_4 8 20.2 31°.17 5°.5/14.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 14.65	−11 57.8	0.951	1.883	17.5	17.8
7 30	22 11.82	−16 3.0	0.920	1.898	11.9	17.5
8 9	22 6.30	−20 24.3	0.912	1.914	6.7	17.3
8 19	21 59.13	−24 35.5	0.930	1.932	6.2	17.4
8 29	21 51.84	−28 11.5	0.974	1.951	10.6	17.7
9 8	21 46.01	−30 57.5	1.040	1.971	15.5	18.0
9 18	21 42.79	−32 50.1	1.126	1.992	19.7	18.3
9 28	21 42.85	−33 53.7	1.228	2.013	22.8	18.7

295375 2008 HZ_{61} 8 20.2 109°.44 1°.0/21.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 17.49	− 6 45.1	2.334	3.208	10.9	21.2
7 30	22 12.50	− 7 21.3	2.272	3.217	7.8	21.0
8 9	22 6.19	− 8 7.4	2.235	3.226	4.5	20.8
8 19	21 59.11	− 9 0.1	2.225	3.235	1.3	20.6
8 29	21 51.96	− 9 54.9	2.243	3.244	3.0	20.7
9 8	21 45.45	−10 47.2	2.290	3.252	6.3	20.9
9 18	21 40.19	−11 33.4	2.363	3.260	9.4	21.2
9 28	21 36.65	−12 10.6	2.460	3.268	12.0	21.4

354741 2005 TA_{16} 8 20.2 138°.46 2°.6/18.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 21.78	−19 14.2	2.168	3.066	10.6	21.1
7 30	22 15.65	−19 41.0	2.108	3.068	7.5	20.9
8 9	22 7.93	−20 8.4	2.074	3.070	4.3	20.7
8 19	21 59.30	−20 31.8	2.066	3.072	2.6	20.6
8 29	21 50.61	−20 47.3	2.087	3.074	4.9	20.7
9 8	21 42.75	−20 52.2	2.135	3.076	8.1	21.0
9 18	21 36.41	−20 45.4	2.209	3.078	11.1	21.2
9 28	21 32.13	−20 27.0	2.303	3.080	13.7	21.3

504331 2007 TH_{81} 8 20.2 6°.19 5°.9/17.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 17.74	−21 27.8	0.773	1.719	18.5	19.6
7 30	22 14.45	−22 3.2	0.737	1.718	13.3	19.3
8 9	22 7.86	−22 37.2	0.718	1.719	8.2	19.0
8 19	21 59.31	−22 59.1	0.717	1.723	6.0	18.9
8 29	21 50.77	−22 59.7	0.736	1.728	9.6	19.2
9 8	21 44.18	−22 35.2	0.774	1.736	14.8	19.5
9 18	21 40.78	−21 47.2	0.829	1.746	19.6	19.8
9 28	21 41.18	−20 39.4	0.899	1.758	23.6	20.1

287092 2002 RN_{85} 8 20.2 306°.97 7°.4/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 15.38	+12 47.1	1.789	2.586	16.8	19.7
7 30	22 11.58	+12 5.9	1.696	2.570	14.2	19.5
8 9	22 5.96	+10 52.0	1.621	2.554	11.2	19.3
8 19	21 59.12	+ 9 5.5	1.570	2.537	8.6	19.1
8 29	21 51.92	+ 6 50.7	1.545	2.522	7.4	19.0
9 8	21 45.36	+ 4 16.8	1.546	2.506	8.9	19.0
9 18	21 40.32	+ 1 35.4	1.574	2.491	11.9	19.2
9 28	21 37.50	− 1 1.3	1.626	2.476	15.2	19.4

134704 1999 XS_{156} 8 20.2 324°.89 0°.6/20.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 16.75	− 8 39.5	1.112	2.027	16.9	19.4
7 30	22 13.38	− 9 9.5	1.037	2.004	12.4	19.0
8 9	22 7.30	− 9 58.4	0.982	1.981	7.0	18.7
8 19	21 59.29	−11 1.0	0.948	1.960	1.2	18.2
8 29	21 50.69	−12 8.5	0.937	1.939	5.3	18.4
9 8	21 43.08	−13 11.0	0.948	1.920	11.3	18.7
9 18	21 37.86	−14 0.2	0.979	1.902	16.8	18.9
9 28	21 36.01	−14 30.8	1.028	1.885	21.5	19.2

176472 2001 XG_{149} 8 20.2 229°.04 0°.1/20.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 18.43	−10 15.3	2.155	3.042	11.1	20.4
7 30	22 13.34	−10 51.1	2.085	3.039	7.9	20.2
8 9	22 6.74	−11 35.4	2.040	3.036	4.3	19.9
8 19	21 59.20	−12 24.1	2.022	3.034	0.5	19.6
8 29	21 51.51	−13 12.6	2.032	3.031	3.4	19.9
9 8	21 44.49	−13 56.1	2.069	3.028	7.1	20.1
9 18	21 38.84	−14 31.3	2.132	3.024	10.4	20.3
9 28	21 35.10	−14 55.8	2.218	3.021	13.3	20.5

188914 2007 BT_{18} 8 20.2 200°.22 1°.7/18.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 17.41	−15 0.0	2.398	3.293	9.8	20.6
7 30	22 12.53	−16 4.5	2.331	3.291	6.9	20.4
8 9	22 6.27	−17 14.2	2.291	3.289	3.7	20.2
8 19	21 59.15	−18 23.9	2.279	3.287	1.8	20.1
8 29	21 51.89	−19 28.4	2.295	3.285	4.2	20.3
9 8	21 45.22	−20 23.1	2.340	3.282	7.3	20.5
9 18	21 39.79	−21 5.2	2.410	3.280	10.3	20.6
9 28	21 36.11	−21 33.1	2.502	3.277	12.7	20.8

265593 2005 RO_1 8 20.2 27°.41 2°.5/18.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 20.23	−14 51.7	1.215	2.133	15.6	20.4
7 30	22 15.36	−15 47.7	1.170	2.140	10.9	20.2
8 9	22 8.07	−16 51.6	1.145	2.147	5.9	19.9
8 19	21 59.35	−17 55.1	1.144	2.154	2.5	19.7
8 29	21 50.57	−18 49.2	1.168	2.162	6.3	20.0
9 8	21 43.13	−19 27.0	1.214	2.171	11.1	20.3
9 18	21 38.06	−19 45.7	1.282	2.181	15.4	20.6
9 28	21 35.99	−19 44.7	1.368	2.191	19.0	20.9

391208 2006 HV_{47} 8 20.2 232°.45 2°.3/17.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 21.50	−16 50.4	2.153	3.049	10.8	22.0
7 30	22 15.64	−17 45.1	2.077	3.036	7.6	21.7
8 9	22 8.06	−18 44.1	2.026	3.023	4.2	21.5
8 19	21 59.37	−19 42.0	2.002	3.009	2.4	21.4
8 29	21 50.43	−20 33.1	2.007	2.995	4.9	21.5
9 8	21 42.14	−21 12.8	2.040	2.980	8.4	21.7
9 18	21 35.32	−21 38.5	2.097	2.964	11.7	21.9
9 28	21 30.60	−21 49.2	2.176	2.948	14.5	22.1

117113 2004 PG_{11} 8 20.2 11°.47 0°.2/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 14.19	−10 38.5	2.685	3.572	9.2	19.5
7 30	22 10.11	−11 23.9	2.619	3.573	6.5	19.3
8 9	22 4.90	−12 16.0	2.578	3.575	3.5	19.2
8 19	21 59.02	−13 11.4	2.565	3.577	0.4	18.9
8 29	21 53.04	−14 5.9	2.581	3.579	2.9	19.1
9 8	21 47.57	−14 55.7	2.625	3.582	5.9	19.3
9 18	21 43.13	−15 37.8	2.696	3.585	8.7	19.5
9 28	21 40.15	−16 10.0	2.790	3.588	11.0	19.7

62438 2000 SF_{199} 8 20.2 303°.10 1°.2/19.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 19.35	−14 12.0	1.963	2.861	11.5	19.7
7 30	22 14.16	−14 43.6	1.892	2.852	8.1	19.4
8 9	22 7.26	−15 20.9	1.845	2.843	4.4	19.2
8 19	21 59.29	−15 59.6	1.824	2.835	1.2	18.9
8 29	21 51.12	−16 34.5	1.830	2.826	4.3	19.1
9 8	21 43.69	−17 1.4	1.864	2.818	8.1	19.4
9 18	21 37.80	−17 17.4	1.922	2.810	11.6	19.6
9 28	21 34.05	−17 21.2	2.001	2.801	14.6	19.8

483643 2004 VX_{95} 8 20.2 262°.23 7°.1/11.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 22.68	−35 56.3	2.581	3.463	9.7	21.5
7 30	22 16.43	−37 1.5	2.519	3.446	8.1	21.4
8 9	22 8.46	−37 57.4	2.481	3.428	7.2	21.3
8 19	21 59.42	−38 38.0	2.470	3.410	7.4	21.3
8 29	21 50.19	−38 59.0	2.485	3.391	8.8	21.3
9 8	21 41.69	−38 58.4	2.524	3.372	10.7	21.4
9 18	21 34.71	−38 37.0	2.586	3.353	12.6	21.5
9 28	21 29.84	−37 57.0	2.666	3.334	14.4	21.7

468208 2015 BF_{58} 8 20.2 18°.12 4°.5/17.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 16.63	−17 8.1	0.988	1.922	16.7	19.7
7 30	22 13.15	−18 36.0	0.952	1.929	11.7	19.4
8 9	22 7.00	−20 10.3	0.936	1.938	6.7	19.2
8 19	21 59.26	−21 38.8	0.941	1.947	4.6	19.1
8 29	21 51.51	−22 49.4	0.969	1.959	8.4	19.4
9 8	21 45.28	−23 34.4	1.018	1.971	13.2	19.7
9 18	21 41.66	−23 51.5	1.085	1.985	17.6	20.0
9 28	21 41.27	−23 42.3	1.170	2.000	21.1	20.3

405803 2006 BS_{46} 8 20.2 236°.27 0°.1/20.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 16.53	− 6 20.2	2.449	3.322	10.5	20.4
7 30	22 11.92	− 7 57.0	2.372	3.319	7.5	20.2
8 9	22 5.96	− 9 46.8	2.321	3.315	4.1	20.0
8 19	21 59.16	−11 44.2	2.299	3.311	0.5	19.7
8 29	21 52.15	−13 42.4	2.309	3.307	3.1	19.9
9 8	21 45.65	−15 34.4	2.349	3.303	6.6	20.1
9 18	21 40.29	−17 14.6	2.416	3.299	9.7	20.3
9 28	21 36.59	−18 39.4	2.508	3.295	12.4	20.5

103913 2000 DN_{60} 8 20.2 183°.15 0°.9/19.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 21.23	−13 30.9	2.027	2.919	11.5	20.3
7 30	22 15.38	−13 59.3	1.962	2.919	8.1	20.1
8 9	22 7.88	−14 33.4	1.921	2.919	4.3	19.8
8 19	21 59.37	−15 9.0	1.907	2.919	0.9	19.6
8 29	21 50.75	−15 41.2	1.922	2.918	4.0	19.8
9 8	21 42.91	−16 6.2	1.964	2.918	7.8	20.0
9 18	21 36.63	−16 21.4	2.031	2.917	11.2	20.3
9 28	21 32.45	−16 25.5	2.120	2.916	14.0	20.5

306061 2010 GC_{66} 8 20.2 45°.62 5°.4/24.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 19.64	+ 2 47.0	1.484	2.342	16.8	20.1
7 30	22 14.46	+ 2 46.9	1.442	2.366	13.1	19.9
8 9	22 7.40	+ 2 23.8	1.421	2.390	9.2	19.8
8 19	21 59.33	+ 1 40.2	1.422	2.415	6.0	19.7
8 29	21 51.33	+ 0 41.4	1.449	2.441	5.8	19.7
9 8	21 44.44	− 0 25.0	1.500	2.467	8.5	19.9
9 18	21 39.47	− 1 31.6	1.576	2.493	11.9	20.2
9 28	21 36.93	− 2 31.8	1.673	2.519	15.0	20.5

32422 2000 RO_{42} 8 20.2 55°.45 4°.6/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 18.91	+ 2 9.6	2.013	2.856	13.6	18.3
7 30	22 13.74	+ 2 19.2	1.947	2.862	10.7	18.1
8 9	22 6.99	+ 2 11.9	1.902	2.867	7.6	17.9
8 19	21 59.30	+ 1 48.7	1.882	2.873	5.1	17.8
8 29	21 51.49	+ 1 12.5	1.889	2.879	5.0	17.8
9 8	21 44.40	+ 0 28.0	1.923	2.884	7.3	18.0
9 18	21 38.77	− 0 19.6	1.982	2.890	10.3	18.2
9 28	21 35.12	− 1 5.3	2.064	2.896	13.1	18.3

328115 2008 AK_{68} 8 20.2 290°.43 2°.2/18.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 20.13	−13 28.0	1.363	2.274	14.7	20.3
7 30	22 15.40	−14 39.8	1.295	2.261	10.4	20.0
8 9	22 8.24	−16 3.9	1.248	2.249	5.6	19.7
8 19	21 59.46	−17 31.7	1.227	2.237	2.2	19.4
8 29	21 50.28	−18 53.3	1.230	2.224	6.1	19.7
9 8	21 42.09	−19 59.8	1.258	2.212	11.1	19.9
9 18	21 36.05	−20 45.9	1.308	2.200	15.6	20.2
9 28	21 32.97	−21 9.6	1.376	2.189	19.4	20.4

348587 2005 WE_{123} 8 20.2 240°.76 3°.9/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 17.36	+ 2 1.4	2.302	3.141	12.2	21.0
7 30	22 12.56	+ 1 51.0	2.221	3.136	9.6	20.8
8 9	22 6.34	+ 1 24.8	2.164	3.130	6.7	20.7
8 19	21 59.24	+ 0 44.1	2.132	3.125	4.4	20.5
8 29	21 51.95	− 0 7.9	2.128	3.119	4.3	20.5
9 8	21 45.22	− 1 6.5	2.151	3.114	6.6	20.6
9 18	21 39.72	− 2 6.8	2.201	3.108	9.5	20.8
9 28	21 35.97	− 3 3.7	2.275	3.102	12.2	21.0

438104 2005 FU_{14} 8 20.2 167°.40 1°.3/18.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 19.81	−13 50.1	2.427	3.315	10.0	21.9
7 30	22 14.19	−14 48.4	2.364	3.320	7.0	21.7
8 9	22 7.17	−15 51.9	2.327	3.324	3.7	21.5
8 19	21 59.33	−16 56.1	2.318	3.328	1.3	21.3
8 29	21 51.37	−17 55.8	2.339	3.331	3.8	21.5
9 8	21 44.05	−18 46.8	2.388	3.334	7.1	21.7
9 18	21 38.01	−19 26.2	2.463	3.335	10.0	21.9
9 28	21 33.74	−19 52.8	2.561	3.337	12.5	22.1

312039 2007 RQ_{180} 8 20.2 332°.07 0°.3/20.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 20.99	− 8 58.2	1.226	2.131	16.4	21.0
7 30	22 16.05	− 9 38.2	1.166	2.128	11.8	20.7
8 9	22 8.59	−10 34.3	1.126	2.125	6.5	20.4
8 19	21 59.50	−11 40.1	1.110	2.122	0.9	20.0
8 29	21 50.15	−12 46.8	1.118	2.119	5.0	20.3
9 8	21 41.98	−13 45.7	1.150	2.117	10.4	20.6
9 18	21 36.16	−14 30.6	1.204	2.115	15.3	20.9
9 28	21 33.43	−14 58.0	1.276	2.113	19.3	21.1

24099 1999 VF_{8} 8 20.2 292°.76 4°.7/15.1 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 18.70	−23 54.8	2.166	3.072	10.3	18.1
7 30	22 13.79	−25 10.0	2.090	3.049	7.5	17.9
8 9	22 7.14	−26 25.1	2.039	3.027	5.3	17.7
8 19	21 59.34	−27 33.6	2.016	3.005	4.9	17.6
8 29	21 51.23	−28 28.9	2.019	2.983	7.0	17.7
9 8	21 43.74	−29 6.7	2.048	2.961	10.0	17.9
9 18	21 37.69	−29 25.2	2.101	2.939	12.8	18.0
9 28	21 33.75	−29 24.4	2.173	2.916	15.3	18.2

513507 2009 QE_{32} 8 20.2 254°.32 0°.1/20.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 16.34	− 8 25.9	2.325	3.207	10.6	21.2
7 30	22 11.84	− 9 28.9	2.250	3.201	7.6	21.0
8 9	22 5.96	−10 42.4	2.200	3.195	4.1	20.8
8 19	21 59.20	−12 2.1	2.177	3.189	0.5	20.5
8 29	21 52.26	−13 22.3	2.184	3.183	3.2	20.7
9 8	21 45.87	−14 37.4	2.219	3.177	6.8	20.9
9 18	21 40.69	−15 42.9	2.281	3.171	10.0	21.1
9 28	21 37.24	−16 35.7	2.365	3.164	12.7	21.3

217327 2004 RN_{51} 8 20.2 359°.24 1°.4/19.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 16.88	−13 48.6	1.553	2.463	13.3	19.5
7 30	22 12.70	−14 26.0	1.494	2.461	9.3	19.2
8 9	22 6.58	−15 11.1	1.458	2.459	5.0	19.0
8 19	21 59.27	−15 58.1	1.447	2.458	1.4	18.7
8 29	21 51.82	−16 40.5	1.461	2.458	4.9	19.0
9 8	21 45.32	−17 12.9	1.500	2.459	9.2	19.2
9 18	21 40.63	−17 31.9	1.562	2.461	13.1	19.5
9 28	21 38.38	−17 36.0	1.643	2.464	16.4	19.7

316639 2011 YA_{22} 8 20.2 173°.35 3°.6/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 18.24	+ 1 26.9	2.611	3.445	11.1	21.4
7 30	22 13.00	+ 1 25.5	2.535	3.447	8.7	21.2
8 9	22 6.51	+ 1 11.0	2.483	3.449	6.1	21.0
8 19	21 59.27	+ 0 44.4	2.458	3.450	4.0	20.9
8 29	21 51.90	+ 0 8.3	2.461	3.451	3.9	20.9
9 8	21 45.07	− 0 33.6	2.492	3.451	6.0	21.0
9 18	21 39.35	− 1 17.6	2.550	3.452	8.6	21.2
9 28	21 35.21	− 1 59.6	2.633	3.452	11.0	21.4

315280 2007 TD_{109} 8 20.2 322°.07 0°.9/20.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 21.12	− 9 22.9	1.129	2.039	17.1	20.3
7 30	22 16.42	− 9 31.3	1.062	2.026	12.5	20.0
8 9	22 8.93	− 9 54.6	1.015	2.013	7.1	19.7
8 19	21 59.57	−10 28.2	0.989	2.001	1.4	19.3
8 29	21 49.75	−11 5.3	0.987	1.989	5.1	19.5
9 8	21 41.12	−11 38.1	1.008	1.979	11.0	19.8
9 18	21 35.00	−12 1.1	1.049	1.969	16.2	20.1
9 28	21 32.27	−12 10.3	1.108	1.960	20.7	20.3

187410 2005 VT_{60} 8 20.2 332°.24 5°.8/14.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 19.23	−26 5.4	1.889	2.799	11.3	19.4
7 30	22 14.24	−27 19.1	1.833	2.792	8.5	19.2
8 9	22 7.38	−28 29.4	1.802	2.786	6.2	19.1
8 19	21 59.37	−29 28.8	1.796	2.780	6.0	19.1
8 29	21 51.19	−30 11.0	1.816	2.775	8.1	19.2
9 8	21 43.88	−30 32.3	1.860	2.770	11.0	19.3
9 18	21 38.31	−30 32.1	1.927	2.765	13.8	19.5
9 28	21 35.07	−30 12.0	2.013	2.760	16.3	19.7

509877 2009 BJ_{36} 8 20.2 183°.15 1°.2/19.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 20.88	−14 19.2	2.378	3.266	10.2	22.8
7 30	22 14.97	−14 57.5	2.311	3.267	7.1	22.6
8 9	22 7.62	−15 40.2	2.269	3.267	3.8	22.4
8 19	21 59.40	−16 23.5	2.256	3.266	1.2	22.2
8 29	21 51.05	−17 2.8	2.271	3.265	3.8	22.4
9 8	21 43.37	−17 34.5	2.315	3.264	7.1	22.6
9 18	21 37.02	−17 56.2	2.385	3.262	10.1	22.8
9 28	21 32.51	−18 6.9	2.478	3.259	12.7	23.0

401688 2013 HW_{13} 8 20.2 66°.32 1°.7/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 17.71	− 5 10.6	2.182	3.054	11.6	21.1
7 30	22 12.74	− 5 33.8	2.124	3.066	8.5	21.0
8 9	22 6.40	− 6 8.3	2.090	3.078	5.1	20.8
8 19	21 59.26	− 6 51.0	2.082	3.090	2.0	20.6
8 29	21 52.07	− 7 37.8	2.102	3.102	3.1	20.7
9 8	21 45.59	− 8 24.1	2.150	3.115	6.4	20.9
9 18	21 40.45	− 9 6.0	2.224	3.127	9.6	21.1
9 28	21 37.11	− 9 40.2	2.321	3.140	12.3	21.3

264356 2000 AB_{45} 8 20.2 248°.19 0°.2/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 23.25	−11 0.3	1.759	2.649	13.1	21.6
7 30	22 17.22	−11 30.3	1.678	2.633	9.4	21.3
8 9	22 9.10	−12 10.2	1.621	2.617	5.1	21.1
8 19	21 59.59	−12 55.3	1.589	2.601	0.6	20.7
8 29	21 49.71	−13 40.0	1.585	2.584	4.2	20.9
9 8	21 40.60	−14 18.5	1.608	2.567	8.8	21.2
9 18	21 33.25	−14 46.9	1.656	2.549	12.9	21.4
9 28	21 28.40	−15 2.8	1.724	2.530	16.4	21.6

11953 1994 BW 8 20.2 85°.67 3°.6/17.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 22.43	−17 7.4	1.382	2.295	14.4	18.4
7 30	22 16.77	−18 28.1	1.338	2.305	10.1	18.2
8 9	22 8.82	−19 53.6	1.317	2.316	5.7	18.0
8 19	21 59.54	−21 14.6	1.321	2.326	3.7	17.9
8 29	21 50.21	−22 21.8	1.350	2.337	6.9	18.1
9 8	21 42.15	−23 8.9	1.404	2.347	11.2	18.4
9 18	21 36.33	−23 34.0	1.479	2.358	15.0	18.6
9 28	21 33.38	−23 37.5	1.574	2.368	18.2	18.9

9322 Lindenau 8 20.2 318°.49 0°.2/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 17.21	−10 51.9	1.978	2.872	11.6	18.0
7 30	22 12.70	−11 24.8	1.901	2.858	8.3	17.8
8 9	22 6.53	−12 6.7	1.847	2.845	4.5	17.5
8 19	21 59.30	−12 53.5	1.820	2.832	0.5	17.2
8 29	21 51.82	−13 40.2	1.820	2.819	3.7	17.4
9 8	21 45.01	−14 21.7	1.846	2.806	7.7	17.6
9 18	21 39.63	−14 54.2	1.897	2.794	11.3	17.8
9 28	21 36.29	−15 15.1	1.970	2.782	14.4	18.0

60658 2000 FG_{48} 8 20.2 225°.24 0°.5/19.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 22.04	−11 7.6	1.811	2.701	12.7	19.6
7 30	22 16.24	−11 49.8	1.737	2.693	9.1	19.4
8 9	22 8.51	−12 41.8	1.688	2.685	4.9	19.1
8 19	21 59.52	−13 38.5	1.664	2.676	0.6	18.8
8 29	21 50.27	−14 33.8	1.669	2.667	4.2	19.0
9 8	21 41.81	−15 21.8	1.700	2.657	8.5	19.3
9 18	21 35.05	−15 58.5	1.756	2.647	12.4	19.5
9 28	21 30.66	−16 21.4	1.834	2.636	15.7	19.7

368915 2006 UV_{47} 8 20.2 17°.62 4°.7/22.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 21.52	− 2 54.1	1.121	2.014	18.6	20.2
7 30	22 16.45	− 2 25.6	1.069	2.017	14.1	20.0
8 9	22 8.80	− 2 17.7	1.036	2.022	9.3	19.7
8 19	21 59.57	− 2 29.2	1.024	2.028	5.2	19.5
8 29	21 50.19	− 2 55.6	1.035	2.034	5.9	19.6
9 8	21 42.16	− 3 29.6	1.069	2.042	10.3	19.9
9 18	21 36.62	− 4 4.2	1.125	2.050	14.9	20.1
9 28	21 34.26	− 4 32.9	1.199	2.059	18.8	20.4

396770 2003 WY_{141} 8 20.2 303°.04 6°.3/14.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 20.62	−24 45.1	1.643	2.555	12.5	20.4
7 30	22 15.74	−26 14.2	1.563	2.525	9.4	20.1
8 9	22 8.49	−27 44.3	1.507	2.494	6.8	19.9
8 19	21 59.56	−29 5.9	1.476	2.464	6.6	19.8
8 29	21 50.07	−30 9.5	1.471	2.433	9.3	19.9
9 8	21 41.34	−30 48.6	1.489	2.403	12.9	20.0
9 18	21 34.57	−31 0.9	1.529	2.373	16.5	20.2
9 28	21 30.62	−30 47.7	1.585	2.343	19.6	20.3

516137 2015 VX_{107} 8 20.2 310°.92 5°.7/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 21.03	−28 2.7	2.087	2.989	10.7	20.8
7 30	22 15.41	−28 54.9	2.024	2.978	8.2	20.6
8 9	22 8.00	−29 41.8	1.986	2.966	6.1	20.4
8 19	21 59.48	−30 17.3	1.974	2.955	5.9	20.4
8 29	21 50.81	−30 36.2	1.989	2.944	7.8	20.5
9 8	21 42.97	−30 36.0	2.028	2.934	10.4	20.6
9 18	21 36.78	−30 16.6	2.091	2.923	13.1	20.8
9 28	21 32.85	−29 40.0	2.173	2.913	15.4	21.0

305968 2009 HF_{69} 8 20.3 237°.73 7°.4/12.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 24.37	−33 50.7	2.193	3.082	10.9	20.4
7 30	22 17.79	−34 56.6	2.138	3.074	8.8	20.3
8 9	22 9.29	−35 52.8	2.108	3.065	7.5	20.2
8 19	21 59.63	−36 32.7	2.103	3.056	7.7	20.2
8 29	21 49.84	−36 51.1	2.124	3.047	9.2	20.3
9 8	21 40.97	−36 46.3	2.170	3.038	11.4	20.4
9 18	21 33.90	−36 19.3	2.238	3.028	13.7	20.5
9 28	21 29.22	−35 33.3	2.324	3.019	15.7	20.7

379671 2011 FE_{7} 8 20.3 256°.49 5°.0/16.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 26.72	−24 2.7	1.721	2.623	12.6	21.1
7 30	22 19.79	−24 45.6	1.651	2.609	9.3	20.9
8 9	22 10.53	−25 25.9	1.603	2.593	6.1	20.7
8 19	21 59.79	−25 56.3	1.582	2.578	5.2	20.6
8 29	21 48.75	−26 10.5	1.588	2.562	7.6	20.7
9 8	21 38.73	−26 5.3	1.619	2.546	11.2	20.9
9 18	21 30.80	−25 40.6	1.673	2.529	14.7	21.1
9 28	21 25.67	−24 58.6	1.746	2.512	17.7	21.2

82867 2001 QS_{63} 8 20.3 138°.14 0°.1/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 19.99	−10 54.7	2.024	2.913	11.7	19.0
7 30	22 14.53	−11 22.9	1.960	2.915	8.3	18.8
8 9	22 7.46	−11 59.0	1.920	2.917	4.5	18.5
8 19	21 59.43	−12 39.0	1.907	2.919	0.5	18.2
8 29	21 51.29	−13 18.2	1.922	2.921	3.6	18.5
9 8	21 43.91	−13 52.1	1.964	2.923	7.4	18.7
9 18	21 38.02	−14 17.6	2.031	2.924	10.8	18.9
9 28	21 34.19	−14 32.7	2.121	2.926	13.7	19.2

397714 2008 DJ_{20} 8 20.3 179°.58 0°.8/21.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 17.32	− 6 32.4	2.142	3.019	11.6	21.6
7 30	22 12.61	− 7 22.7	2.072	3.020	8.4	21.4
8 9	22 6.42	− 8 25.1	2.027	3.020	4.8	21.1
8 19	21 59.32	− 9 35.3	2.009	3.020	1.2	20.9
8 29	21 52.07	−10 47.9	2.019	3.020	3.2	21.0
9 8	21 45.46	−11 57.1	2.058	3.020	6.9	21.3
9 18	21 40.18	−12 58.2	2.122	3.020	10.2	21.5
9 28	21 36.77	−13 47.8	2.209	3.019	13.1	21.7

68545 2001 XQ_{23} 8 20.3 137°.25 7°.2/13.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 23.91	−29 51.4	1.846	2.747	12.0	18.5
7 30	22 17.59	−31 22.8	1.805	2.754	9.3	18.4
8 9	22 9.21	−32 46.2	1.790	2.761	7.5	18.3
8 19	21 59.63	−33 53.1	1.800	2.768	7.6	18.3
8 29	21 49.99	−34 36.9	1.836	2.774	9.5	18.5
9 8	21 41.43	−34 55.2	1.896	2.780	12.1	18.6
9 18	21 34.87	−34 49.0	1.977	2.786	14.6	18.8
9 28	21 30.91	−34 21.2	2.077	2.791	16.8	19.0

219966 2002 JP_{86} 8 20.3 19°.48 4°.4/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 16.92	+ 2 20.2	2.071	2.915	13.2	19.6
7 30	22 12.35	+ 2 16.9	2.001	2.917	10.4	19.4
8 9	22 6.28	+ 1 56.4	1.954	2.920	7.4	19.2
8 19	21 59.30	+ 1 20.1	1.931	2.923	4.9	19.1
8 29	21 52.19	+ 0 31.3	1.935	2.926	4.7	19.1
9 8	21 45.74	− 0 24.8	1.966	2.930	7.0	19.2
9 18	21 40.65	− 1 23.0	2.023	2.933	10.0	19.4
9 28	21 37.45	− 2 17.9	2.102	2.937	12.8	19.6

304396 2006 TU_{2} 8 20.3 314°.93 1°.1/21.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 17.44	− 6 31.4	1.841	2.725	12.8	20.7
7 30	22 12.93	− 7 11.3	1.768	2.718	9.4	20.4
8 9	22 6.70	− 8 4.9	1.718	2.712	5.4	20.2
8 19	21 59.37	− 9 8.1	1.694	2.705	1.5	19.9
8 29	21 51.81	−10 15.0	1.697	2.699	3.6	20.0
9 8	21 44.97	−11 19.3	1.727	2.692	7.7	20.3
9 18	21 39.66	−12 15.6	1.782	2.686	11.5	20.5
9 28	21 36.49	−13 0.0	1.858	2.681	14.7	20.7

432698 2011 BK_{118} 8 20.3 180°.57 0°.8/19.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 23.19	−12 17.3	1.804	2.696	12.7	22.1
7 30	22 16.99	−12 53.9	1.740	2.697	9.0	21.9
8 9	22 8.88	−13 38.4	1.700	2.698	4.8	21.6
8 19	21 59.61	−14 25.7	1.686	2.698	0.8	21.3
8 29	21 50.19	−15 10.1	1.700	2.697	4.3	21.6
9 8	21 41.66	−15 46.4	1.741	2.697	8.4	21.8
9 18	21 34.90	−16 11.4	1.807	2.695	12.2	22.1
9 28	21 30.52	−16 23.6	1.893	2.694	15.3	22.3

344721 2003 UO_{76} 8 20.3 6°.40 3°.0/21.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 23.60	− 7 30.1	1.272	2.168	16.6	18.9
7 30	22 17.75	− 6 41.3	1.215	2.169	12.3	18.6
8 9	22 9.46	− 6 4.4	1.178	2.170	7.5	18.4
8 19	21 59.69	− 5 38.4	1.165	2.173	3.4	18.1
8 29	21 49.78	− 5 21.3	1.176	2.176	5.0	18.3
9 8	21 41.15	− 5 9.5	1.212	2.181	9.7	18.5
9 18	21 34.86	− 4 59.4	1.269	2.187	14.1	18.8
9 28	21 31.60	− 4 47.4	1.347	2.194	17.9	19.1

505778 2015 BZ_{268} 8 20.3 164°.89 0°.7/19.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 21.09	−10 24.9	1.566	2.463	14.0	21.0
7 30	22 15.72	−11 29.0	1.506	2.465	9.9	20.8
8 9	22 8.28	−12 45.4	1.468	2.467	5.3	20.5
8 19	21 59.56	−14 7.3	1.457	2.468	0.8	20.2
8 29	21 50.65	−15 26.4	1.472	2.470	4.7	20.5
9 8	21 42.70	−16 35.0	1.513	2.471	9.3	20.8
9 18	21 36.67	−17 28.3	1.578	2.471	13.4	21.0
9 28	21 33.21	−18 3.5	1.663	2.472	16.8	21.3

147504 2004 CU_{105} 8 20.3 120°.98 4°.8/24.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 23.15	+ 1 51.0	1.746	2.592	15.2	20.3
7 30	22 16.89	+ 1 55.0	1.687	2.605	11.9	20.1
8 9	22 8.79	+ 1 39.7	1.650	2.618	8.3	20.0
8 19	21 59.61	+ 1 6.8	1.637	2.631	5.3	19.8
8 29	21 50.35	+ 0 20.1	1.651	2.643	5.3	19.8
9 8	21 42.03	− 0 34.3	1.692	2.654	8.1	20.0
9 18	21 35.49	− 1 30.3	1.758	2.665	11.4	20.3
9 28	21 31.31	− 2 22.1	1.846	2.676	14.5	20.5

446058 2013 CE_{126} 8 20.3 73°.85 2°.1/18.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 23.43	−18 29.2	2.162	3.056	10.8	20.7
7 30	22 16.71	−18 45.4	2.118	3.076	7.5	20.5
8 9	22 8.52	−19 1.8	2.100	3.097	4.2	20.3
8 19	21 59.57	−19 14.8	2.109	3.117	2.1	20.2
8 29	21 50.72	−19 20.9	2.147	3.137	4.4	20.4
9 8	21 42.81	−19 17.9	2.213	3.157	7.6	20.7
9 18	21 36.49	−19 5.2	2.304	3.177	10.5	20.9
9 28	21 32.22	−18 43.1	2.417	3.197	13.0	21.1

511226 2014 BR_{3} 8 20.3 188°.60 2°.5/17.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 21.56	−17 39.1	2.247	3.142	10.4	22.6
7 30	22 15.60	−18 38.5	2.183	3.142	7.3	22.4
8 9	22 8.05	−19 41.0	2.144	3.140	4.1	22.2
8 19	21 59.53	−20 40.9	2.133	3.138	2.6	22.1
8 29	21 50.85	−21 33.0	2.151	3.136	4.9	22.3
9 8	21 42.88	−22 12.9	2.196	3.132	8.1	22.5
9 18	21 36.35	−22 38.7	2.267	3.129	11.1	22.6
9 28	21 31.81	−22 49.6	2.360	3.124	13.7	22.8

283039 2008 BV_{29} 8 20.3 274°.23 2°.2/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 23.39	− 6 15.2	1.463	2.348	15.5	20.8
7 30	22 17.64	− 6 14.6	1.385	2.334	11.5	20.6
8 9	22 9.49	− 6 28.7	1.329	2.320	7.0	20.3
8 19	21 59.72	− 6 54.7	1.297	2.306	2.7	20.0
8 29	21 49.53	− 7 27.9	1.291	2.291	4.5	20.0
9 8	21 40.24	− 8 2.3	1.310	2.277	9.4	20.3
9 18	21 33.00	− 8 32.6	1.352	2.262	14.0	20.5
9 28	21 28.64	− 8 54.3	1.414	2.248	17.9	20.7

420766 2013 GS_1 8 20.3 47°.52 0°.6/20.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 24.49	−10 0.2	1.024	1.936	18.3	20.4
7 30	22 18.56	−10 11.4	0.987	1.951	13.1	20.2
8 9	22 9.90	−10 36.6	0.968	1.967	7.2	19.9
8 19	21 59.74	−11 9.6	0.972	1.984	1.1	19.6
8 29	21 49.71	−11 42.8	0.999	2.001	5.2	19.9
9 8	21 41.38	−12 9.3	1.049	2.018	10.8	20.3
9 18	21 35.84	−12 24.7	1.119	2.036	15.6	20.6
9 28	21 33.66	−12 26.9	1.208	2.055	19.6	21.0

388973 2008 TA_{177} 8 20.3 281°.81 3°.8/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 18.61	+ 0 21.7	1.792	2.650	14.3	21.2
7 30	22 13.96	− 0 1.6	1.701	2.629	11.1	20.9
8 9	22 7.39	− 0 45.1	1.631	2.608	7.5	20.7
8 19	21 59.49	− 1 47.0	1.586	2.586	4.3	20.4
8 29	21 51.17	− 3 2.7	1.567	2.565	4.6	20.4
9 8	21 43.45	− 4 25.2	1.576	2.543	8.1	20.6
9 18	21 37.27	− 5 47.0	1.609	2.521	12.0	20.8
9 28	21 33.38	− 7 1.2	1.664	2.499	15.6	20.9

166934 2003 HB_{16} 8 20.3 53°.74 3°.7/22.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 20.90	− 0 56.2	1.082	1.972	19.4	19.5
7 30	22 15.87	− 1 33.4	1.045	1.992	14.5	19.3
8 9	22 8.40	− 2 36.9	1.026	2.014	9.2	19.1
8 19	21 59.58	− 4 0.5	1.030	2.036	4.4	18.9
8 29	21 50.85	− 5 33.9	1.057	2.058	5.2	19.0
9 8	21 43.60	− 7 5.6	1.107	2.080	9.8	19.4
9 18	21 38.84	− 8 26.4	1.180	2.103	14.4	19.7
9 28	21 37.12	− 9 30.0	1.271	2.126	18.3	20.0

45676 2000 EG_{117} 8 20.3 300°.89 2°.6/18.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 22.58	−17 36.5	1.694	2.598	12.7	18.3
7 30	22 16.93	−18 3.6	1.610	2.573	9.1	18.0
8 9	22 9.06	−18 34.3	1.550	2.548	5.1	17.7
8 19	21 59.69	−19 3.0	1.515	2.523	2.6	17.5
8 29	21 49.90	−19 24.0	1.507	2.499	5.6	17.6
9 8	21 40.90	−19 32.7	1.524	2.474	9.9	17.8
9 18	21 33.75	−19 26.9	1.565	2.450	14.0	18.0
9 28	21 29.24	−19 6.3	1.626	2.426	17.5	18.2

92856 2000 QG_{205} 8 20.3 219°.38 1°.5/21.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 20.66	− 5 53.9	1.936	2.810	12.7	19.2
7 30	22 15.17	− 6 23.0	1.860	2.804	9.3	19.0
8 9	22 7.92	− 7 5.2	1.808	2.798	5.5	18.8
8 19	21 59.55	− 7 56.9	1.782	2.792	1.8	18.5
8 29	21 50.95	− 8 53.2	1.784	2.785	3.5	18.6
9 8	21 43.07	− 9 48.4	1.813	2.777	7.5	18.9
9 18	21 36.71	−10 37.4	1.868	2.769	11.2	19.1
9 28	21 32.51	−11 16.7	1.946	2.761	14.4	19.3

440547 2005 UJ_{225} 8 20.3 350°.23 1°.2/21.1 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 18.49	− 8 20.6	1.648	2.541	13.6	20.9
7 30	22 13.81	− 8 27.8	1.580	2.535	9.9	20.7
8 9	22 7.24	− 8 46.2	1.535	2.530	5.7	20.4
8 19	21 59.48	− 9 12.7	1.515	2.526	1.5	20.1
8 29	21 51.53	− 9 42.7	1.521	2.523	3.8	20.3
9 8	21 44.44	−10 11.0	1.553	2.520	8.2	20.5
9 18	21 39.07	−10 33.5	1.608	2.518	12.2	20.8
9 28	21 36.08	−10 47.1	1.684	2.517	15.6	21.0

378636 2008 FM_{128} 8 20.3 117°.02 3°.9/17.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 23.73	−19 37.9	1.547	2.456	13.4	20.9
7 30	22 17.61	−20 36.4	1.497	2.461	9.5	20.7
8 9	22 9.31	−21 36.4	1.469	2.465	5.6	20.4
8 19	21 59.71	−22 30.2	1.467	2.470	4.0	20.4
8 29	21 50.03	−23 10.6	1.491	2.475	6.8	20.5
9 8	21 41.52	−23 33.2	1.540	2.479	10.7	20.8
9 18	21 35.12	−23 36.7	1.612	2.484	14.3	21.0
9 28	21 31.46	−23 22.0	1.702	2.488	17.4	21.2

478064 2011 UM_4 8 20.3 173°.11 0°.7/19.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 20.25	−12 39.8	2.001	2.894	11.6	21.9
7 30	22 14.77	−13 11.2	1.936	2.894	8.2	21.7
8 9	22 7.65	−13 49.3	1.896	2.894	4.4	21.5
8 19	21 59.53	−14 29.7	1.883	2.894	0.8	21.2
8 29	21 51.28	−15 7.4	1.897	2.895	3.9	21.5
9 8	21 43.81	−15 38.3	1.939	2.895	7.7	21.7
9 18	21 37.87	−15 59.5	2.005	2.895	11.1	21.9
9 28	21 34.01	−16 9.2	2.093	2.895	14.0	22.1

223926 2004 WL_6 8 20.3 241°.98 3°.9/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 18.13	+ 1 35.4	2.502	3.338	11.5	20.2
7 30	22 13.06	+ 1 40.7	2.420	3.332	9.0	20.0
8 9	22 6.66	+ 1 32.4	2.361	3.325	6.4	19.9
8 19	21 59.42	+ 1 11.3	2.328	3.319	4.2	19.7
8 29	21 52.00	+ 0 39.8	2.323	3.312	4.2	19.7
9 8	21 45.10	+ 0 1.4	2.346	3.305	6.3	19.8
9 18	21 39.33	− 0 39.9	2.395	3.299	9.0	20.0
9 28	21 35.21	− 1 20.1	2.469	3.292	11.5	20.2

324923 2007 VB_{331} 8 20.3 297°.67 6°.3/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 21.92	−22 26.5	1.284	2.204	14.7	20.4
7 30	22 17.01	−23 56.3	1.219	2.186	10.8	20.1
8 9	22 9.34	−25 28.8	1.175	2.169	7.3	19.9
8 19	21 59.75	−26 52.6	1.155	2.151	6.6	19.8
8 29	21 49.67	−27 56.3	1.159	2.133	9.7	19.9
9 8	21 40.72	−28 32.5	1.186	2.116	14.0	20.1
9 18	21 34.21	−28 39.4	1.232	2.099	18.2	20.3
9 28	21 31.07	−28 18.9	1.294	2.082	21.7	20.5

389880 2012 SJ_{45} 8 20.3 231°.15 3°.3/17.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 24.87	−20 54.0	2.049	2.945	11.2	21.5
7 30	22 18.12	−21 25.5	1.978	2.936	8.0	21.3
8 9	22 9.51	−21 56.6	1.932	2.926	4.8	21.1
8 19	21 59.75	−22 22.2	1.913	2.916	3.3	21.0
8 29	21 49.81	−22 37.3	1.923	2.906	5.7	21.1
9 8	21 40.70	−22 39.1	1.960	2.895	9.0	21.3
9 18	21 33.28	−22 26.8	2.021	2.883	12.3	21.5
9 28	21 28.16	−22 1.0	2.103	2.872	15.0	21.6

354316 2002 UZ_{77} 8 20.3 308°.92 1°.6/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 18.88	− 6 21.7	1.749	2.633	13.4	20.9
7 30	22 14.09	− 6 38.9	1.672	2.621	9.9	20.7
8 9	22 7.42	− 7 9.6	1.617	2.609	5.9	20.4
8 19	21 59.53	− 7 50.4	1.588	2.597	2.0	20.1
8 29	21 51.35	− 8 36.7	1.585	2.586	3.8	20.2
9 8	21 43.91	− 9 22.6	1.608	2.575	8.0	20.4
9 18	21 38.10	−10 3.1	1.656	2.564	12.0	20.7
9 28	21 34.59	−10 34.2	1.724	2.553	15.4	20.9

15843 Comcom 8 20.3 48°.21 4°.0/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 22.75	− 2 3.4	1.712	2.576	14.6	17.2
7 30	22 16.59	− 1 34.3	1.660	2.592	11.1	17.1
8 9	22 8.63	− 1 20.3	1.631	2.608	7.4	16.9
8 19	21 59.66	− 1 20.2	1.626	2.625	4.4	16.7
8 29	21 50.69	− 1 31.3	1.648	2.643	4.8	16.8
9 8	21 42.73	− 1 49.3	1.696	2.660	7.9	17.0
9 18	21 36.58	− 2 9.8	1.769	2.678	11.3	17.3
9 28	21 32.76	− 2 28.4	1.864	2.696	14.3	17.5

485778 2012 CJ_{45} 8 20.3 295°.27 3°.0/17.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 23.64	−21 12.4	2.167	3.063	10.7	20.3
7 30	22 17.15	−21 25.2	2.095	3.053	7.6	20.1
8 9	22 8.94	−21 36.6	2.048	3.043	4.5	19.9
8 19	21 59.71	−21 42.4	2.029	3.033	3.0	19.8
8 29	21 50.34	−21 39.0	2.038	3.022	5.2	19.9
9 8	21 41.77	−21 24.2	2.074	3.012	8.4	20.1
9 18	21 34.77	−20 57.8	2.135	3.003	11.5	20.2
9 28	21 29.93	−20 20.4	2.218	2.993	14.2	20.4

388626 2007 TB_{60} 8 20.3 191°.89 6°.7/14.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 25.40	−31 28.2	2.122	3.014	11.0	20.9
7 30	22 18.48	−32 23.1	2.071	3.013	8.7	20.8
8 9	22 9.68	−33 9.3	2.044	3.012	7.0	20.7
8 19	21 59.79	−33 40.4	2.044	3.011	6.9	20.7
8 29	21 49.85	−33 51.6	2.070	3.009	8.5	20.8
9 8	21 40.91	−33 41.5	2.121	3.007	10.9	20.9
9 18	21 33.81	−33 11.2	2.195	3.005	13.3	21.1
9 28	21 29.11	−32 23.7	2.288	3.002	15.4	21.2

383962 2008 TH_{39} 8 20.3 324°.85 0°.3/20.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 20.10	− 9 55.8	1.470	2.370	14.5	20.7
7 30	22 15.22	−10 15.6	1.401	2.360	10.5	20.5
8 9	22 8.14	−10 47.2	1.353	2.351	5.8	20.2
8 19	21 59.63	−11 26.2	1.330	2.341	0.9	19.8
8 29	21 50.83	−12 6.5	1.332	2.333	4.4	20.0
9 8	21 42.97	−12 41.9	1.359	2.324	9.3	20.3
9 18	21 37.08	−13 7.8	1.408	2.317	13.7	20.6
9 28	21 33.89	−13 21.2	1.478	2.309	17.4	20.8

472562 2015 DY_{61} 8 20.3 113°.44 0°.3/20.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 23.50	− 9 45.5	1.677	2.565	13.7	21.5
7 30	22 17.22	−10 11.3	1.623	2.576	9.8	21.2
8 9	22 9.02	−10 47.0	1.592	2.588	5.4	21.0
8 19	21 59.72	−11 28.1	1.587	2.599	0.8	20.7
8 29	21 50.38	−12 9.0	1.609	2.609	3.9	21.0
9 8	21 42.07	−12 44.5	1.658	2.620	8.3	21.3
9 18	21 35.64	−13 10.9	1.732	2.630	12.1	21.5
9 28	21 31.67	−13 26.1	1.827	2.640	15.3	21.8

33957 2000 NG_5 8 20.3 7°.28 2°.2/21.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 18.45	− 7 22.7	1.099	2.010	17.5	17.4
7 30	22 14.35	− 7 15.2	1.048	2.010	12.8	17.2
8 9	22 7.73	− 7 24.1	1.017	2.013	7.6	16.9
8 19	21 59.58	− 7 45.8	1.006	2.016	2.6	16.6
8 29	21 51.29	− 8 14.3	1.019	2.022	4.9	16.8
9 8	21 44.31	− 8 42.7	1.054	2.028	10.1	17.1
9 18	21 39.74	− 9 5.2	1.110	2.036	14.9	17.4
9 28	21 38.25	− 9 17.3	1.185	2.046	18.9	17.7

380825 2005 YC_{208} 8 20.3 227°.01 3°.7/16.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 22.57	−20 23.5	2.060	2.959	11.0	21.9
7 30	22 16.56	−21 29.4	1.989	2.949	7.9	21.7
8 9	22 8.72	−22 37.1	1.944	2.937	4.8	21.5
8 19	21 59.70	−23 40.1	1.926	2.926	3.8	21.4
8 29	21 50.42	−24 32.1	1.936	2.913	6.1	21.5
9 8	21 41.87	−25 8.5	1.972	2.900	9.4	21.7
9 18	21 34.91	−25 27.5	2.033	2.887	12.6	21.9
9 28	21 30.19	−25 28.9	2.115	2.872	15.3	22.1

283730 2002 VU_2 8 20.3 344°.99 2°.7/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 18.00	− 4 40.9	1.474	2.362	15.2	19.5
7 30	22 13.68	− 4 43.0	1.405	2.354	11.4	19.3
8 9	22 7.28	− 5 1.4	1.357	2.347	7.1	19.0
8 19	21 59.55	− 5 33.5	1.333	2.340	3.2	18.8
8 29	21 51.54	− 6 14.4	1.333	2.334	4.4	18.9
9 8	21 44.44	− 6 57.8	1.359	2.329	8.7	19.1
9 18	21 39.21	− 7 37.8	1.407	2.325	13.0	19.3
9 28	21 36.55	− 8 9.3	1.476	2.322	16.7	19.6

187360 2005 UW_{258} 8 20.3 120°.55 0°.1/20.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 18.43	−10 17.1	2.196	3.082	11.0	20.7
7 30	22 13.38	−10 52.4	2.131	3.085	7.8	20.5
8 9	22 6.87	−11 35.6	2.091	3.087	4.2	20.3
8 19	21 59.49	−12 23.1	2.077	3.089	0.5	20.0
8 29	21 51.99	−13 10.0	2.092	3.091	3.3	20.3
9 8	21 45.17	−13 52.1	2.135	3.093	6.9	20.5
9 18	21 39.69	−14 26.0	2.203	3.095	10.1	20.7
9 28	21 36.07	−14 49.5	2.293	3.097	12.9	20.9

14097 Capdepera 8 20.3 331°.15 1°.7/21.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 20.29	− 6 49.4	1.755	2.638	13.4	18.3
7 30	22 15.02	− 6 56.7	1.686	2.634	9.9	18.1
8 9	22 7.90	− 7 16.1	1.639	2.631	5.8	17.8
8 19	21 59.62	− 7 44.6	1.618	2.627	2.0	17.6
8 29	21 51.14	− 8 17.9	1.623	2.624	3.7	17.7
9 8	21 43.49	− 8 50.9	1.655	2.621	7.9	17.9
9 18	21 37.51	− 9 19.3	1.712	2.619	11.7	18.2
9 28	21 33.84	− 9 39.7	1.790	2.616	15.0	18.4

386749 2010 BZ_{60} 8 20.3 136°.68 8°.0/12.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 24.64	−34 18.1	2.032	2.923	11.5	20.7
7 30	22 18.05	−35 43.1	1.995	2.930	9.4	20.6
8 9	22 9.49	−36 56.6	1.983	2.937	8.1	20.5
8 19	21 59.79	−37 51.3	1.996	2.944	8.4	20.5
8 29	21 50.05	−38 21.7	2.035	2.951	10.0	20.6
9 8	21 41.39	−38 26.4	2.097	2.957	12.1	20.8
9 18	21 34.68	−38 7.1	2.181	2.963	14.3	21.0
9 28	21 30.48	−37 27.2	2.282	2.968	16.1	21.1

14268 2000 AK_{156} 8 20.3 291°.88 2°.7/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 12.95	+ 2 30.3	4.289	5.106	7.4	17.7
7 30	22 8.99	+ 2 35.9	4.201	5.099	5.9	17.6
8 9	22 4.31	+ 2 33.3	4.138	5.092	4.3	17.5
8 19	21 59.20	+ 2 23.0	4.102	5.085	3.0	17.4
8 29	21 53.99	+ 2 6.3	4.095	5.079	2.9	17.4
9 8	21 49.06	+ 1 44.8	4.117	5.072	4.0	17.5
9 18	21 44.74	+ 1 20.5	4.167	5.065	5.6	17.6
9 28	21 41.33	+ 0 55.7	4.243	5.058	7.2	17.7

396194 2013 JX_{44} 8 20.3 242°.42 3°.1/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 17.39	− 0 0.9	2.482	3.327	11.3	20.9
7 30	22 12.57	− 0 12.8	2.399	3.319	8.7	20.7
8 9	22 6.43	− 0 38.3	2.339	3.312	5.9	20.5
8 19	21 59.45	− 1 15.6	2.306	3.304	3.5	20.3
8 29	21 52.28	− 2 1.9	2.301	3.296	3.7	20.3
9 8	21 45.63	− 2 53.0	2.324	3.287	6.1	20.5
9 18	21 40.10	− 3 44.6	2.374	3.279	9.0	20.7
9 28	21 36.21	− 4 32.6	2.448	3.271	11.6	20.8

494237 2016 PM_{10} 8 20.3 300°.18 3°.2/17.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 20.24	−17 4.8	1.534	2.445	13.3	20.6
7 30	22 15.42	−18 7.3	1.459	2.425	9.5	20.4
8 9	22 8.33	−19 16.8	1.407	2.406	5.4	20.1
8 19	21 59.69	−20 25.6	1.380	2.387	3.3	19.9
8 29	21 50.63	−21 25.3	1.379	2.368	6.5	20.1
9 8	21 42.42	−22 9.0	1.403	2.349	10.9	20.3
9 18	21 36.18	−22 33.2	1.448	2.331	15.0	20.5
9 28	21 32.69	−22 36.8	1.513	2.313	18.6	20.7

257093 2008 GK_{37} 8 20.3 303°.42 4°.6/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 16.51	+ 3 16.8	2.057	2.897	13.4	20.1
7 30	22 12.21	+ 3 4.2	1.972	2.885	10.7	19.8
8 9	22 6.34	+ 2 32.6	1.909	2.873	7.7	19.6
8 19	21 59.45	+ 1 43.2	1.870	2.861	5.1	19.5
8 29	21 52.29	+ 0 39.6	1.858	2.849	4.9	19.4
9 8	21 45.71	− 0 32.7	1.873	2.838	7.3	19.6
9 18	21 40.45	− 1 47.4	1.914	2.826	10.4	19.7
9 28	21 37.12	− 2 58.4	1.978	2.815	13.4	19.9

510487 2011 WX_{157} 8 20.3 190°.53 5°.8/12.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 21.18	−32 17.6	2.842	3.729	8.7	22.0
7 30	22 15.23	−33 31.2	2.791	3.728	7.0	21.9
8 9	22 7.86	−34 38.1	2.767	3.726	5.9	21.8
8 19	21 59.62	−35 32.9	2.770	3.723	6.0	21.8
8 29	21 51.25	−36 11.5	2.800	3.720	7.4	21.9
9 8	21 43.51	−36 31.7	2.856	3.717	9.2	22.0
9 18	21 37.07	−36 33.8	2.936	3.713	11.1	22.2
9 28	21 32.42	−36 19.0	3.035	3.709	12.7	22.3

66117 1998 SV_{69} 8 20.3 337°.98 2°.7/18.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 16.23	−13 12.0	1.161	2.083	15.7	18.9
7 30	22 12.92	−14 42.2	1.100	2.073	11.1	18.6
8 9	22 7.08	−16 27.6	1.061	2.063	6.0	18.3
8 19	21 59.55	−18 17.7	1.044	2.053	2.8	18.0
8 29	21 51.66	−19 59.6	1.051	2.045	6.9	18.3
9 8	21 44.86	−21 22.2	1.081	2.038	12.2	18.5
9 18	21 40.38	−22 19.2	1.131	2.032	16.9	18.8
9 28	21 39.02	−22 48.4	1.199	2.027	20.9	19.1

223440 2003 SF_{293} 8 20.3 293°.27 1°.6/21.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 18.55	− 6 20.7	2.271	3.144	11.2	20.4
7 30	22 13.56	− 6 28.5	2.182	3.125	8.3	20.1
8 9	22 7.05	− 6 46.3	2.117	3.106	5.0	19.9
8 19	21 59.54	− 7 12.1	2.078	3.087	1.9	19.7
8 29	21 51.76	− 7 42.5	2.067	3.068	3.2	19.7
9 8	21 44.51	− 8 13.7	2.084	3.048	6.7	19.9
9 18	21 38.51	− 8 42.1	2.128	3.029	10.0	20.1
9 28	21 34.33	− 9 4.5	2.194	3.011	13.0	20.3

251476 2008 DX_{32} 8 20.3 47°.06 1°.4/21.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 16.46	− 4 3.3	1.929	2.804	12.7	19.9
7 30	22 12.13	− 5 6.2	1.867	2.812	9.3	19.7
8 9	22 6.25	− 6 24.6	1.829	2.819	5.5	19.5
8 19	21 59.44	− 7 53.5	1.818	2.827	1.8	19.3
8 29	21 52.51	− 9 26.2	1.834	2.835	3.3	19.4
9 8	21 46.32	−10 55.4	1.878	2.843	7.1	19.7
9 18	21 41.56	−12 15.2	1.948	2.852	10.7	19.9
9 28	21 38.78	−13 21.3	2.040	2.861	13.7	20.1

361879 2008 FQ_{54} 8 20.3 133°.86 4°.2/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 17.26	+ 4 37.4	2.440	3.262	12.1	21.2
7 30	22 12.43	+ 4 16.6	2.368	3.270	9.6	21.1
8 9	22 6.33	+ 3 38.9	2.320	3.277	7.0	20.9
8 19	21 59.45	+ 2 46.0	2.297	3.284	4.8	20.8
8 29	21 52.47	+ 1 41.3	2.303	3.290	4.4	20.8
9 8	21 46.07	+ 0 29.7	2.336	3.296	6.3	20.9
9 18	21 40.84	− 0 43.5	2.397	3.303	8.9	21.1
9 28	21 37.26	− 1 53.2	2.482	3.308	11.3	21.3

492257 2013 WH_{30} 8 20.3 297°.21 0°.7/20.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 20.90	− 8 46.8	1.447	2.343	14.9	21.7
7 30	22 15.97	− 9 10.0	1.367	2.324	10.9	21.4
8 9	22 8.67	− 9 47.3	1.309	2.305	6.2	21.1
8 19	21 59.76	−10 34.4	1.275	2.286	1.2	20.7
8 29	21 50.37	−11 24.9	1.266	2.267	4.5	20.9
9 8	21 41.82	−12 11.7	1.283	2.249	9.6	21.1
9 18	21 35.27	−12 49.0	1.322	2.230	14.3	21.4
9 28	21 31.56	−13 12.9	1.380	2.212	18.4	21.6

505665 2014 UP_{10} 8 20.3 238°.31 2°.7/18.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 25.42	−16 32.1	1.555	2.457	13.7	22.1
7 30	22 19.04	−17 18.6	1.484	2.446	9.8	21.8
8 9	22 10.28	−18 10.8	1.436	2.435	5.4	21.6
8 19	21 59.94	−19 1.7	1.414	2.423	2.7	21.4
8 29	21 49.27	−19 44.0	1.419	2.410	6.0	21.5
9 8	21 39.58	−20 12.0	1.449	2.397	10.5	21.8
9 18	21 31.99	−20 23.1	1.502	2.383	14.6	22.0
9 28	21 27.28	−20 16.9	1.574	2.369	18.2	22.2

151439 2002 GY_8 8 20.3 139°.78 6°.5/12.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 24.26	−35 58.4	2.782	3.658	9.2	21.0
7 30	22 17.33	−36 53.7	2.745	3.669	7.6	20.9
8 9	22 8.94	−37 38.8	2.734	3.680	6.6	20.8
8 19	21 59.76	−38 9.0	2.750	3.690	6.8	20.8
8 29	21 50.62	−38 20.9	2.793	3.700	7.9	20.9
9 8	21 42.32	−38 13.9	2.861	3.709	9.6	21.1
9 18	21 35.52	−37 48.9	2.952	3.718	11.3	21.2
9 28	21 30.68	−37 8.6	3.062	3.726	12.8	21.3

298284 2002 YC_{13} 8 20.3 323°.31 4°.3/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 19.27	− 1 15.4	1.642	2.511	14.9	19.8
7 30	22 14.52	− 0 57.6	1.563	2.496	11.6	19.6
8 9	22 7.75	− 0 56.6	1.504	2.483	7.9	19.3
8 19	21 59.65	− 1 11.7	1.470	2.469	4.8	19.1
8 29	21 51.21	− 1 39.8	1.461	2.457	5.1	19.1
9 8	21 43.51	− 2 16.0	1.477	2.444	8.5	19.3
9 18	21 37.53	− 2 54.6	1.517	2.433	12.4	19.5
9 28	21 33.98	− 3 30.1	1.578	2.421	15.9	19.7

74399 1998 XR_{73} 8 20.3 299°.52 4°.8/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 19.43	−21 30.6	1.744	2.655	12.0	18.1
7 30	22 14.66	−22 51.9	1.674	2.638	8.7	17.8
8 9	22 7.84	−24 15.6	1.629	2.622	5.6	17.6
8 19	21 59.67	−25 33.5	1.609	2.605	5.0	17.5
8 29	21 51.15	−26 37.4	1.615	2.589	7.5	17.6
9 8	21 43.42	−27 21.7	1.647	2.573	11.1	17.8
9 18	21 37.47	−27 43.8	1.700	2.557	14.5	18.0
9 28	21 34.02	−27 44.1	1.773	2.541	17.4	18.2

257550 1998 SV_{43} 8 20.3 342°.80 5°.7/23.4 18

7 20	22 21.22	− 0 33.9	1.621	2.484	15.3	19.0
7 30	22 15.92	+ 0 29.1	1.542	2.470	12.1	18.7
8 9	22 8.53	+ 1 17.8	1.486	2.457	8.7	18.5
8 19	21 59.75	+ 1 50.7	1.453	2.445	6.0	18.3
8 29	21 50.61	+ 2 8.3	1.445	2.434	6.2	18.3
9 8	21 42.27	+ 2 13.1	1.463	2.424	9.2	18.5
9 18	21 35.72	+ 2 9.2	1.504	2.416	12.7	18.7
9 28	21 31.69	+ 2 1.6	1.566	2.408	16.1	18.9

203011 1999 XH_{183} 8 20.3 286°.67 3°.9/22.9 18

7 20	22 23.28	− 2 30.3	1.787	2.649	14.2	19.7
7 30	22 17.19	− 2 0.0	1.709	2.640	10.9	19.5
8 9	22 9.14	− 1 43.2	1.653	2.632	7.3	19.2
8 19	21 59.82	− 1 39.5	1.623	2.623	4.3	19.0
8 29	21 50.20	− 1 46.7	1.620	2.615	4.8	19.0
9 8	21 41.36	− 2 1.1	1.643	2.607	8.2	19.2
9 18	21 34.23	− 2 18.6	1.692	2.598	11.8	19.4
9 28	21 29.49	− 2 34.7	1.761	2.590	15.1	19.6

53543 2000 BD_{3} 8 20.3 109°.60 1°.3/19.3 18

7 20	22 24.32	−13 37.4	1.642	2.539	13.5	19.4
7 30	22 17.84	−14 16.9	1.593	2.553	9.4	19.2
8 9	22 9.39	−15 2.9	1.568	2.566	5.0	18.9
8 19	21 59.83	−15 49.6	1.569	2.580	1.3	18.7
8 29	21 50.28	−16 30.7	1.597	2.593	4.7	19.0
9 8	21 41.83	−17 1.6	1.651	2.606	8.9	19.3
9 18	21 35.36	−17 19.5	1.730	2.618	12.7	19.5
9 28	21 31.42	−17 23.7	1.829	2.630	15.8	19.8

504650 2008 YM_{102} 8 20.3 283°.68 0°.3/20.4 17

7 20	22 22.22	− 9 17.2	1.267	2.169	16.2	22.0
7 30	22 17.12	− 9 51.3	1.195	2.156	11.7	21.7
8 9	22 9.39	−10 41.2	1.145	2.143	6.5	21.3
8 19	21 59.87	−11 41.2	1.117	2.129	0.9	20.9
8 29	21 49.87	−12 43.2	1.115	2.116	5.0	21.2
9 8	21 40.91	−13 38.4	1.136	2.102	10.6	21.5
9 18	21 34.26	−14 20.7	1.179	2.089	15.6	21.7
9 28	21 30.78	−14 46.1	1.241	2.076	19.9	21.9

505120 2012 DX_{90} 8 20.3 160°.13 0°.9/19.6 17

7 20	22 22.35	−11 13.7	1.448	2.349	14.7	21.8
7 30	22 16.79	−12 7.5	1.390	2.350	10.4	21.5
8 9	22 8.99	−13 13.1	1.353	2.352	5.6	21.3
8 19	21 59.80	−14 23.6	1.342	2.353	0.9	20.9
8 29	21 50.42	−15 30.6	1.356	2.355	4.9	21.2
9 8	21 42.12	−16 26.9	1.396	2.356	9.8	21.5
9 18	21 35.90	−17 7.8	1.459	2.356	14.0	21.8
9 28	21 32.46	−17 31.2	1.542	2.357	17.6	22.0

28697 Eitanacks 8 20.3 198°.34 1°.3/19.0 18

7 20	22 19.69	−13 38.3	2.024	2.919	11.4	19.1
7 30	22 14.43	−14 28.2	1.959	2.918	8.0	18.8
8 9	22 7.54	−15 24.7	1.919	2.917	4.3	18.6
8 19	21 59.63	−16 22.6	1.905	2.916	1.3	18.4
8 29	21 51.57	−17 16.2	1.920	2.915	4.2	18.6
9 8	21 44.24	−18 0.7	1.962	2.913	8.0	18.8
9 18	21 38.42	−18 33.0	2.028	2.911	11.3	19.1
9 28	21 34.65	−18 51.4	2.117	2.909	14.2	19.3

193281 2000 SD_{214} 8 20.3 316°.75 4°.8/24.3 18

7 20	22 17.07	+ 2 12.9	1.503	2.366	16.4	20.3
7 30	22 13.08	+ 1 50.0	1.425	2.354	12.9	20.1
8 9	22 7.03	+ 1 2.1	1.368	2.343	8.9	19.8
8 19	21 59.59	− 0 9.0	1.334	2.332	5.5	19.6
8 29	21 51.79	− 1 37.4	1.325	2.321	5.3	19.6
9 8	21 44.78	− 3 14.5	1.341	2.311	8.8	19.8
9 18	21 39.57	− 4 50.6	1.380	2.302	12.9	20.0
9 28	21 36.90	− 6 17.4	1.441	2.292	16.7	20.2

474602 2004 RH_{158} 8 20.3 344°.08 6°.3/24.6 16

7 20	22 12.52	+ 1 42.7	1.075	1.967	19.3	20.8
7 30	22 10.37	+ 1 52.0	1.005	1.949	15.4	20.5
8 9	22 5.76	+ 1 31.9	0.953	1.933	11.0	20.2
8 19	21 59.45	+ 0 42.5	0.920	1.919	7.1	20.0
8 29	21 52.68	− 0 31.2	0.908	1.906	6.8	19.9
9 8	21 46.90	− 1 59.1	0.918	1.896	10.6	20.1
9 18	21 43.37	− 3 29.4	0.948	1.887	15.4	20.3
9 28	21 42.96	− 4 50.9	0.996	1.881	19.8	20.6

157749 2006 CC_{31} 8 20.3 298°.23 1°.2/21.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 16.94	− 6 9.8	2.142	3.019	11.6	19.8
7 30	22 12.50	− 6 42.3	2.057	3.003	8.5	19.5
8 9	22 6.51	− 7 27.0	1.996	2.987	5.0	19.3
8 19	21 59.52	− 8 20.8	1.961	2.971	1.6	19.0
8 29	21 52.27	− 9 19.0	1.954	2.955	3.2	19.1
9 8	21 45.57	−10 16.4	1.975	2.939	6.9	19.3
9 18	21 40.15	−11 8.3	2.021	2.924	10.4	19.5
9 28	21 36.62	−11 50.8	2.090	2.908	13.5	19.7

111099 2001 VO_{69} 8 20.3 148°.88 2°.9/22.9 18

7 20	22 21.34	− 2 19.8	2.368	3.219	11.6	19.9
7 30	22 15.34	− 2 10.0	2.298	3.224	8.8	19.7
8 9	22 7.93	− 2 11.6	2.253	3.229	5.8	19.6
8 19	21 59.68	− 2 23.2	2.234	3.234	3.3	19.4
8 29	21 51.32	− 2 42.4	2.244	3.239	3.7	19.5
9 8	21 43.62	− 3 6.0	2.282	3.243	6.4	19.6
9 18	21 37.22	− 3 30.3	2.347	3.247	9.3	19.8
9 28	21 32.61	− 3 52.3	2.435	3.251	11.9	20.0

19115 1981 EM_{39} 8 20.3 89°.34 2°.2/18.9 18

7 20	22 26.22	−15 58.7	1.370	2.276	15.0	18.8
7 30	22 19.50	−16 29.0	1.323	2.287	10.5	18.6
8 9	22 10.40	−17 4.1	1.298	2.297	5.7	18.3
8 19	21 59.96	−17 37.2	1.297	2.307	2.2	18.1
8 29	21 49.54	−18 1.8	1.323	2.317	5.7	18.4
9 8	21 40.48	−18 13.6	1.373	2.327	10.3	18.7
9 18	21 33.81	−18 10.9	1.445	2.337	14.5	19.0
9 28	21 30.12	−17 53.9	1.538	2.347	17.9	19.2

123368 2000 WX_{32} 8 20.3 187°.00 4°.8/14.5 18

7 20	22 19.83	−26 43.5	2.581	3.478	9.1	20.2
7 30	22 14.35	−27 57.8	2.526	3.478	6.8	20.0
8 9	22 7.43	−29 8.6	2.498	3.477	5.1	19.9
8 19	21 59.63	−30 10.4	2.497	3.476	5.0	19.9
8 29	21 51.69	−30 58.3	2.524	3.474	6.6	20.0
9 8	21 44.40	−31 29.4	2.578	3.473	8.9	20.2
9 18	21 38.41	−31 43.0	2.656	3.470	11.1	20.3
9 28	21 34.24	−31 40.0	2.754	3.468	13.1	20.5

504932 2011 CK_{35} 8 20.3 198°.51 2°.2/22.1 17

7 20	22 22.68	− 4 35.6	1.893	2.761	13.3	22.2
7 30	22 16.65	− 4 50.8	1.820	2.759	9.9	21.9
8 9	22 8.80	− 5 19.6	1.769	2.756	6.1	21.7
8 19	21 59.80	− 5 59.2	1.745	2.752	2.6	21.5
8 29	21 50.57	− 6 45.1	1.748	2.748	3.7	21.6
9 8	21 42.12	− 7 31.9	1.779	2.743	7.6	21.8
9 18	21 35.28	− 8 15.0	1.835	2.738	11.3	22.0
9 28	21 30.68	− 8 50.2	1.914	2.732	14.5	22.2

478806 2012 UZ_{171} 8 20.3 283°.40 0°.9/19.6 18

7 20	22 22.19	−13 26.5	1.762	2.658	12.7	21.3
7 30	22 16.53	−13 49.0	1.683	2.643	9.1	21.0
8 9	22 8.85	−14 18.4	1.629	2.627	4.9	20.8
8 19	21 59.84	−14 50.3	1.600	2.611	1.0	20.5
8 29	21 50.50	−15 19.3	1.598	2.595	4.4	20.7
9 8	21 41.96	−15 40.8	1.622	2.580	8.8	20.9
9 18	21 35.15	−15 51.7	1.671	2.564	12.8	21.1
9 28	21 30.80	−15 50.4	1.740	2.548	16.2	21.3

10365 Kurokawa 8 20.3 139°.12 2°.1/21.8 18

7 20	22 24.51	− 5 32.5	1.521	2.400	15.3	18.5
7 30	22 18.18	− 5 48.1	1.462	2.408	11.3	18.2
8 9	22 9.71	− 6 19.0	1.425	2.415	6.7	18.0
8 19	21 59.93	− 7 1.3	1.413	2.422	2.5	17.7
8 29	21 50.03	− 7 49.3	1.427	2.428	4.2	17.9
9 8	21 41.21	− 8 36.4	1.468	2.434	8.7	18.2
9 18	21 34.44	− 9 17.4	1.533	2.439	12.9	18.4
9 28	21 30.36	− 9 48.2	1.618	2.444	16.4	18.7

199982 2007 JG_{13} 8 20.3 19°.15 1°.2/19.6 16

7 20	22 20.54	−13 30.7	1.200	2.116	15.9	19.4
7 30	22 15.68	−13 52.1	1.155	2.123	11.2	19.1
8 9	22 8.43	−14 21.9	1.130	2.131	6.0	18.9
8 19	21 59.78	−14 54.0	1.128	2.140	1.2	18.6
8 29	21 51.11	−15 21.5	1.150	2.150	5.3	18.9
9 8	21 43.79	−15 38.9	1.196	2.161	10.3	19.2
9 18	21 38.83	−15 43.0	1.263	2.173	14.8	19.5
9 28	21 36.84	−15 33.0	1.349	2.186	18.4	19.8

272361 2005 SF_{177} 8 20.3 207°.61 3°.6/23.2 18

7 20	22 21.06	− 0 58.9	1.731	2.593	14.6	20.6
7 30	22 15.64	− 1 10.1	1.659	2.591	11.2	20.4
8 9	22 8.32	− 1 39.3	1.609	2.588	7.4	20.1
8 19	21 59.78	− 2 24.3	1.584	2.586	4.1	19.9
8 29	21 51.00	− 3 20.3	1.586	2.583	4.5	20.0
9 8	21 43.03	− 4 21.1	1.614	2.580	8.0	20.2
9 18	21 36.76	− 5 20.4	1.666	2.577	11.8	20.4
9 28	21 32.84	− 6 12.6	1.741	2.573	15.2	20.6

364562 2007 HL_{62} 8 20.3 250°.72 3°.5/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 17.03	+ 1 8.0	2.404	3.246	11.7	21.4
7 30	22 12.37	+ 0 55.2	2.324	3.241	9.1	21.2
8 9	22 6.38	+ 0 27.6	2.268	3.237	6.3	21.0
8 19	21 59.54	− 0 13.1	2.237	3.232	3.9	20.9
8 29	21 52.54	− 1 3.8	2.234	3.227	3.9	20.9
9 8	21 46.07	− 2 0.0	2.259	3.223	6.3	21.0
9 18	21 40.76	− 2 57.2	2.311	3.218	9.1	21.2
9 28	21 37.11	− 3 50.7	2.387	3.213	11.7	21.3

173626 2001 FQ_{62} 8 20.3 88°.00 2°.3/18.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 25.00	−15 22.2	1.461	2.365	14.4	19.8
7 30	22 18.46	−16 11.9	1.420	2.383	10.0	19.6
8 9	22 9.79	−17 6.9	1.403	2.402	5.4	19.4
8 19	21 59.95	−17 59.8	1.410	2.420	2.3	19.2
8 29	21 50.18	−18 43.6	1.444	2.438	5.6	19.5
9 8	21 41.72	−19 13.3	1.504	2.455	9.9	19.8
9 18	21 35.46	−19 27.0	1.586	2.473	13.7	20.1
9 28	21 31.96	−19 24.6	1.689	2.490	16.9	20.3

500135 2012 CT_{42} 8 20.3 90°.34 2°.7/18.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 23.47	−15 2.6	1.417	2.324	14.5	21.3
7 30	22 17.49	−16 16.3	1.376	2.341	10.1	21.1
8 9	22 9.31	−17 36.6	1.358	2.357	5.5	20.9
8 19	21 59.90	−18 54.6	1.364	2.373	2.7	20.7
8 29	21 50.49	−20 1.6	1.397	2.389	6.0	21.0
9 8	21 42.35	−20 51.5	1.455	2.404	10.4	21.3
9 18	21 36.42	−21 21.5	1.536	2.420	14.3	21.6
9 28	21 33.26	−21 31.8	1.636	2.435	17.4	21.8

23656 1997 CK_{26} 8 20.3 116°.34 4°.5/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 24.27	−20 42.5	1.510	2.420	13.6	18.5
7 30	22 18.11	−21 47.6	1.462	2.425	9.7	18.3
8 9	22 9.70	−22 53.2	1.436	2.431	6.0	18.1
8 19	21 59.96	−23 51.0	1.436	2.437	4.6	18.0
8 29	21 50.14	−24 33.3	1.461	2.442	7.3	18.2
9 8	21 41.52	−24 55.8	1.511	2.447	11.2	18.4
9 18	21 35.09	−24 57.6	1.584	2.452	14.8	18.7
9 28	21 31.48	−24 40.2	1.675	2.457	17.8	18.9

66637 1999 RC_{213} 8 20.3 331°.29 2°.2/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 22.85	− 7 32.3	1.506	2.395	14.9	19.2
7 30	22 17.17	− 7 11.7	1.435	2.386	11.0	19.0
8 9	22 9.26	− 7 2.4	1.386	2.378	6.6	18.7
8 19	21 59.92	− 7 2.5	1.362	2.371	2.5	18.4
8 29	21 50.30	− 7 8.6	1.363	2.363	4.3	18.5
9 8	21 41.65	− 7 16.6	1.389	2.357	8.9	18.8
9 18	21 34.99	− 7 22.5	1.439	2.351	13.2	19.0
9 28	21 31.05	− 7 23.0	1.509	2.346	16.9	19.2

387734 2003 GV_{4} 8 20.3 33°.27 8°.9/30.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 15.24	+15 52.9	1.604	2.391	18.9	19.9
7 30	22 11.48	+15 29.3	1.553	2.412	16.1	19.7
8 9	22 5.98	+14 31.9	1.520	2.435	13.0	19.6
8 19	21 59.51	+13 1.7	1.508	2.459	10.3	19.5
8 29	21 53.03	+11 4.4	1.519	2.483	8.9	19.5
9 8	21 47.49	+ 8 49.7	1.556	2.508	9.6	19.6
9 18	21 43.64	+ 6 28.9	1.618	2.533	11.7	19.8
9 28	21 42.01	+ 4 12.9	1.703	2.559	14.3	20.0

68318 2001 FX_{152} 8 20.3 20°.69 2°.5/21.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 23.94	− 6 44.0	1.274	2.167	16.8	19.0
7 30	22 18.09	− 6 27.1	1.217	2.170	12.4	18.7
8 9	22 9.79	− 6 24.8	1.181	2.173	7.5	18.5
8 19	21 59.98	− 6 34.5	1.168	2.176	3.0	18.2
8 29	21 50.01	− 6 51.7	1.179	2.180	4.8	18.4
9 8	21 41.29	− 7 10.9	1.215	2.185	9.6	18.7
9 18	21 34.92	− 7 27.0	1.273	2.190	14.2	18.9
9 28	21 31.58	− 7 36.1	1.351	2.195	18.0	19.2

115389 2003 SU_{278} 8 20.3 221°.38 0°.7/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 22.08	− 9 13.2	1.943	2.826	12.4	19.8
7 30	22 16.20	− 9 25.2	1.872	2.822	8.9	19.6
8 9	22 8.56	− 9 46.4	1.824	2.818	5.0	19.4
8 19	21 59.83	−10 13.4	1.803	2.814	1.1	19.1
8 29	21 50.91	−10 42.0	1.810	2.810	3.5	19.3
9 8	21 42.77	−11 8.1	1.844	2.806	7.5	19.5
9 18	21 36.21	−11 28.1	1.903	2.801	11.2	19.7
9 28	21 31.83	−11 39.7	1.985	2.797	14.3	19.9

289690 2005 GE_{167} 8 20.3 30°.15 1°.4/21.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 19.62	− 7 19.1	1.034	1.946	18.2	20.2
7 30	22 15.19	− 7 43.7	0.996	1.959	13.1	19.9
8 9	22 8.21	− 8 26.6	0.976	1.974	7.5	19.7
8 19	21 59.78	− 9 21.4	0.978	1.989	1.9	19.4
8 29	21 51.39	−10 19.0	1.003	2.006	4.9	19.6
9 8	21 44.49	−11 10.8	1.051	2.024	10.3	20.0
9 18	21 40.12	−11 50.4	1.119	2.042	15.1	20.3
9 28	21 38.85	−12 14.2	1.206	2.062	19.0	20.6

389938 2012 TC_{138} 8 20.3 285°.15 1°.2/19.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 21.91	−13 45.0	1.741	2.639	12.7	21.5
7 30	22 16.41	−14 14.5	1.660	2.620	9.1	21.2
8 9	22 8.84	−14 51.5	1.602	2.601	4.9	20.9
8 19	21 59.88	−15 30.8	1.571	2.582	1.2	20.6
8 29	21 50.55	−16 6.8	1.566	2.562	4.6	20.8
9 8	21 41.98	−16 34.3	1.587	2.543	9.1	21.0
9 18	21 35.15	−16 50.0	1.632	2.524	13.1	21.2
9 28	21 30.81	−16 52.2	1.698	2.504	16.6	21.4

22931 1999 TB_{132} 8 20.3 162°.50 0°.3/20.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 19.26	−11 38.3	2.602	3.484	9.6	19.1
7 30	22 13.82	−12 7.1	2.536	3.488	6.8	18.9
8 9	22 7.11	−12 41.5	2.495	3.491	3.7	18.7
8 19	21 59.66	−13 18.3	2.483	3.495	0.4	18.5
8 29	21 52.12	−13 53.9	2.500	3.498	3.0	18.7
9 8	21 45.16	−14 24.9	2.545	3.501	6.1	18.9
9 18	21 39.37	−14 48.8	2.617	3.503	9.0	19.1
9 28	21 35.21	−15 4.0	2.713	3.505	11.4	19.3

117108 2004 PU_{1} 8 20.3 25°.12 2°.0/17.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 15.93	−17 32.3	2.636	3.534	8.9	19.5
7 30	22 11.48	−18 16.4	2.578	3.539	6.2	19.4
8 9	22 5.84	−19 2.5	2.547	3.544	3.5	19.2
8 19	21 59.51	−19 46.7	2.543	3.550	2.0	19.1
8 29	21 53.10	−20 25.1	2.568	3.556	4.0	19.3
9 8	21 47.28	−20 54.6	2.620	3.562	6.7	19.5
9 18	21 42.57	−21 13.4	2.698	3.568	9.3	19.6
9 28	21 39.41	−21 20.7	2.798	3.574	11.5	19.8

42605 1998 BR_{25} 8 20.3 121°.73 0°.7/19.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 24.55	−11 37.7	1.536	2.431	14.3	20.2
7 30	22 18.17	−12 18.2	1.484	2.442	10.1	19.9
8 9	22 9.68	−13 8.2	1.455	2.453	5.4	19.7
8 19	21 59.96	−14 1.4	1.451	2.463	0.8	19.4
8 29	21 50.19	−14 51.2	1.475	2.473	4.6	19.7
9 8	21 41.56	−15 31.6	1.524	2.483	9.2	20.0
9 18	21 35.00	−15 59.1	1.598	2.492	13.2	20.3
9 28	21 31.12	−16 12.2	1.691	2.501	16.5	20.5

38251 1999 RY 8 20.3 36°.95 2°.6/22.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 19.16	− 3 44.4	1.224	2.118	17.3	18.2
7 30	22 14.53	− 4 12.1	1.186	2.138	12.7	18.0
8 9	22 7.73	− 5 0.0	1.167	2.158	7.7	17.8
8 19	21 59.73	− 6 2.6	1.172	2.180	3.2	17.6
8 29	21 51.79	− 7 11.9	1.200	2.202	4.5	17.7
9 8	21 45.14	− 8 18.9	1.253	2.225	9.1	18.0
9 18	21 40.68	− 9 16.9	1.328	2.249	13.4	18.4
9 28	21 38.96	−10 0.9	1.423	2.273	17.0	18.6

211015 2001 YM_{79} 8 20.3 166°.72 1°.6/21.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 25.44	− 7 15.0	1.515	2.398	15.1	20.6
7 30	22 18.92	− 7 23.1	1.452	2.401	11.1	20.4
8 9	22 10.16	− 7 44.5	1.411	2.403	6.5	20.1
8 19	22 0.03	− 8 15.4	1.395	2.405	2.0	19.9
8 29	21 49.72	− 8 50.7	1.406	2.407	4.2	20.0
9 8	21 40.49	− 9 24.5	1.443	2.408	8.9	20.3
9 18	21 33.34	− 9 52.3	1.504	2.409	13.2	20.6
9 28	21 28.95	−10 10.5	1.585	2.409	16.8	20.8

186317 2002 CF_{256} 8 20.3 233°.19 2°.3/17.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 19.70	−17 45.4	2.450	3.345	9.6	21.5
7 30	22 14.32	−18 34.0	2.376	3.335	6.8	21.3
8 9	22 7.48	−19 25.4	2.329	3.325	3.9	21.1
8 19	21 59.72	−20 15.0	2.309	3.315	2.3	21.0
8 29	21 51.78	−20 58.1	2.318	3.304	4.5	21.1
9 8	21 44.42	−21 31.0	2.354	3.293	7.5	21.3
9 18	21 38.32	−21 51.6	2.417	3.281	10.4	21.5
9 28	21 34.02	−21 59.1	2.501	3.270	12.9	21.6

363209 2001 UB_{174} 8 20.3 308°.26 5°.5/23.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 19.46	+ 1 2.4	1.204	2.082	18.6	20.9
7 30	22 15.25	+ 1 2.1	1.131	2.069	14.6	20.6
8 9	22 8.45	+ 0 34.9	1.077	2.056	10.1	20.3
8 19	21 59.87	− 0 18.1	1.044	2.044	6.2	20.0
8 29	21 50.78	− 1 31.6	1.034	2.031	6.2	20.0
9 8	21 42.66	− 2 56.0	1.047	2.020	10.4	20.2
9 18	21 36.80	− 4 20.8	1.082	2.009	15.2	20.4
9 28	21 34.10	− 5 36.4	1.136	1.998	19.5	20.7

429353 2010 GJ_{24} 8 20.3 24°.16 3°.6/18.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 22.76	−19 36.0	1.123	2.047	16.1	19.7
7 30	22 17.21	−19 51.1	1.093	2.064	11.3	19.5
8 9	22 9.19	−20 6.3	1.083	2.083	6.4	19.3
8 19	21 59.91	−20 14.7	1.096	2.103	3.7	19.2
8 29	21 50.88	−20 10.8	1.132	2.125	6.8	19.4
9 8	21 43.50	−19 52.3	1.191	2.148	11.3	19.7
9 18	21 38.71	−19 19.4	1.271	2.173	15.4	20.1
9 28	21 36.99	−18 33.8	1.370	2.198	18.7	20.4

60251 1999 VO_{202} 8 20.3 180°.53 5°.2/27.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 17.20	+ 9 19.2	2.881	3.666	11.4	20.2
7 30	22 12.32	+ 9 14.4	2.799	3.667	9.4	20.1
8 9	22 6.30	+ 8 53.2	2.739	3.668	7.4	19.9
8 19	21 59.58	+ 8 16.0	2.705	3.668	5.7	19.8
8 29	21 52.73	+ 7 24.8	2.699	3.667	5.2	19.8
9 8	21 46.33	+ 6 23.4	2.720	3.667	6.3	19.9
9 18	21 40.93	+ 5 16.0	2.769	3.665	8.2	20.0
9 28	21 36.95	+ 4 7.6	2.843	3.664	10.2	20.1

481425 2006 UB_{130} 8 20.3 336°.83 0°.2/20.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 19.63	−11 2.9	1.793	2.688	12.6	21.6
7 30	22 14.58	−11 28.0	1.726	2.683	9.0	21.3
8 9	22 7.73	−12 2.0	1.682	2.679	4.9	21.1
8 19	21 59.76	−12 40.6	1.664	2.676	0.6	20.7
8 29	21 51.60	−13 18.5	1.673	2.672	3.9	21.0
9 8	21 44.26	−13 51.0	1.708	2.669	8.1	21.3
9 18	21 38.56	−14 14.4	1.767	2.666	11.9	21.5
9 28	21 35.11	−14 26.4	1.848	2.664	15.1	21.7

68902 2002 JD_{101} 8 20.3 244°.05 2°.3/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 17.83	− 0 22.5	1.851	2.712	13.8	18.9
7 30	22 13.31	− 1 40.9	1.773	2.707	10.4	18.7
8 9	22 7.06	− 3 21.1	1.719	2.703	6.5	18.4
8 19	21 59.68	− 5 18.1	1.691	2.698	2.9	18.2
8 29	21 52.04	− 7 23.8	1.692	2.693	3.6	18.2
9 8	21 45.09	− 9 28.8	1.721	2.688	7.6	18.5
9 18	21 39.63	−11 24.5	1.777	2.683	11.4	18.7
9 28	21 36.31	−13 4.5	1.856	2.678	14.8	18.9

396348 2014 DA_{79} 8 20.3 60°.63 1°.7/18.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 19.50	−14 9.6	1.814	2.715	12.2	20.6
7 30	22 14.43	−15 5.7	1.759	2.721	8.5	20.4
8 9	22 7.61	−16 8.3	1.728	2.727	4.6	20.2
8 19	21 59.75	−17 11.5	1.723	2.733	1.7	20.0
8 29	21 51.80	−18 8.7	1.746	2.740	4.7	20.2
9 8	21 44.71	−18 54.7	1.795	2.746	8.6	20.5
9 18	21 39.27	−19 26.3	1.868	2.753	12.1	20.7
9 28	21 36.05	−19 42.5	1.962	2.759	15.0	20.9

476866 2008 UK_{365} 8 20.3 260°.02 2°.4/18.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 20.54	−15 42.4	1.906	2.806	11.7	20.9
7 30	22 15.33	−16 49.7	1.829	2.790	8.3	20.6
8 9	22 8.22	−18 4.0	1.776	2.774	4.6	20.4
8 19	21 59.85	−19 18.9	1.750	2.758	2.5	20.2
8 29	21 51.15	−20 27.1	1.752	2.741	5.3	20.3
9 8	21 43.13	−21 22.8	1.780	2.724	9.2	20.5
9 18	21 36.70	−22 2.1	1.833	2.707	12.8	20.7
9 28	21 32.54	−22 23.6	1.907	2.689	15.9	20.9

168870 2000 WN_{6} 8 20.3 226°.19 10°.8/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 30.84	−43 2.2	2.133	2.993	12.3	20.3
7 30	22 23.13	−45 9.1	2.085	2.978	11.1	20.2
8 9	22 12.70	−47 0.1	2.062	2.963	10.8	20.1
8 19	22 0.41	−48 25.3	2.064	2.946	11.6	20.1
8 29	21 47.59	−49 17.7	2.089	2.928	13.1	20.2
9 8	21 35.77	−49 35.4	2.136	2.909	14.9	20.3
9 18	21 26.23	−49 21.0	2.201	2.890	16.7	20.4
9 28	21 19.86	−48 39.8	2.281	2.869	18.2	20.5

42848 1999 RT_{43} 8 20.3 265°.88 0°.3/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 18.39	−11 5.9	2.372	3.258	10.3	19.5
7 30	22 13.44	−11 41.1	2.290	3.244	7.3	19.3
8 9	22 7.04	−12 23.9	2.233	3.229	4.0	19.1
8 19	21 59.72	−13 10.5	2.203	3.215	0.5	18.7
8 29	21 52.17	−13 56.7	2.202	3.200	3.3	19.0
9 8	21 45.15	−14 38.3	2.229	3.185	6.8	19.2
9 18	21 39.35	−15 11.8	2.281	3.171	10.0	19.3
9 28	21 35.31	−15 35.1	2.357	3.155	12.7	19.5

274390 2008 RB_{109} 8 20.3 43°.25 2°.5/18.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 23.36	−16 49.5	1.441	2.350	14.2	20.7
7 30	22 17.45	−17 21.0	1.394	2.359	10.0	20.4
8 9	22 9.34	−17 56.2	1.369	2.368	5.5	20.2
8 19	21 59.99	−18 28.8	1.368	2.377	2.5	20.0
8 29	21 50.64	−18 52.6	1.394	2.387	5.7	20.3
9 8	21 42.52	−19 3.3	1.444	2.398	10.0	20.5
9 18	21 36.58	−18 59.6	1.517	2.408	13.9	20.8
9 28	21 33.40	−18 41.5	1.609	2.419	17.2	21.1

251897 1999 VG_{112} 8 20.3 300°.71 4°.9/15.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 19.69	−24 56.9	2.101	3.006	10.6	19.7
7 30	22 14.58	−26 1.5	2.037	2.995	7.8	19.5
8 9	22 7.74	−27 3.9	1.997	2.984	5.5	19.3
8 19	21 59.81	−27 57.8	1.984	2.973	5.1	19.3
8 29	21 51.68	−28 37.5	1.998	2.962	7.1	19.4
9 8	21 44.29	−28 59.3	2.037	2.951	9.9	19.5
9 18	21 38.43	−29 2.3	2.100	2.940	12.7	19.7
9 28	21 34.72	−28 47.2	2.182	2.930	15.2	19.9

514306 2015 TK_{294} 8 20.3 159°.96 2°.3/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 17.02	− 2 15.9	2.392	3.250	11.2	21.2
7 30	22 12.37	− 2 46.1	2.319	3.251	8.4	21.1
8 9	22 6.41	− 3 29.3	2.271	3.252	5.4	20.9
8 19	21 59.65	− 4 23.0	2.249	3.253	2.6	20.7
8 29	21 52.75	− 5 23.0	2.255	3.254	3.1	20.7
9 8	21 46.42	− 6 24.6	2.290	3.255	6.1	20.9
9 18	21 41.26	− 7 23.3	2.351	3.256	9.1	21.1
9 28	21 37.77	− 8 15.1	2.437	3.257	11.7	21.3

82271 2001 KL_{19} 8 20.3 20°.92 5°.3/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 19.92	+ 0 23.3	1.231	2.110	18.2	18.9
7 30	22 15.30	+ 0 33.6	1.176	2.114	14.2	18.7
8 9	22 8.32	+ 0 19.8	1.140	2.119	9.7	18.5
8 19	21 59.89	− 0 16.5	1.125	2.125	6.0	18.3
8 29	21 51.28	− 1 9.8	1.134	2.131	6.0	18.3
9 8	21 43.84	− 2 12.0	1.167	2.138	9.7	18.5
9 18	21 38.62	− 3 14.4	1.221	2.146	14.0	18.8
9 28	21 36.32	− 4 9.4	1.295	2.154	17.8	19.1

452732 2006 AX_{105} 8 20.3 201°.55 1°.7/18.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 17.45	−15 5.9	2.758	3.648	8.9	21.7
7 30	22 12.60	−16 13.9	2.687	3.645	6.2	21.5
8 9	22 6.52	−17 26.5	2.644	3.641	3.4	21.3
8 19	21 59.67	−18 39.2	2.629	3.637	1.7	21.2
8 29	21 52.67	−19 47.2	2.644	3.633	3.8	21.4
9 8	21 46.15	−20 46.3	2.688	3.628	6.7	21.5
9 18	21 40.69	−21 33.8	2.758	3.623	9.3	21.7
9 28	21 36.76	−22 8.2	2.852	3.618	11.5	21.9

282046 1998 XY_{65} 8 20.3 283°.55 6°.0/25.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 20.82	+ 5 7.5	2.041	2.865	14.1	20.6
7 30	22 15.54	+ 5 28.1	1.937	2.836	11.6	20.4
8 9	22 8.40	+ 5 30.4	1.855	2.807	8.8	20.2
8 19	21 59.93	+ 5 13.5	1.797	2.776	6.5	20.0
8 29	21 50.95	+ 4 38.6	1.765	2.746	6.2	19.9
9 8	21 42.41	+ 3 49.8	1.760	2.715	8.4	20.0
9 18	21 35.23	+ 2 52.5	1.780	2.684	11.5	20.1
9 28	21 30.15	+ 1 53.1	1.822	2.653	14.7	20.2

108828 2001 OU_{81} 8 20.3 327°.31 3°.4/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 16.51	− 3 16.7	1.184	2.082	17.4	18.5
7 30	22 13.23	− 3 26.5	1.107	2.060	13.3	18.2
8 9	22 7.43	− 3 59.2	1.049	2.039	8.5	17.8
8 19	21 59.82	− 4 52.6	1.012	2.019	4.0	17.5
8 29	21 51.66	− 6 0.4	0.998	2.000	5.1	17.5
9 8	21 44.40	− 7 13.1	1.007	1.982	10.3	17.8
9 18	21 39.32	− 8 21.5	1.036	1.965	15.4	18.0
9 28	21 37.38	− 9 17.3	1.084	1.950	20.0	18.2

155882 2001 FJ_{26} 8 20.3 212°.24 3°.5/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 17.05	+ 3 31.1	3.034	3.851	10.1	21.1
7 30	22 12.22	+ 3 13.5	2.944	3.844	8.0	20.9
8 9	22 6.29	+ 2 42.6	2.879	3.836	5.8	20.8
8 19	21 59.67	+ 1 59.6	2.840	3.828	3.9	20.6
8 29	21 52.88	+ 1 7.0	2.831	3.819	3.7	20.6
9 8	21 46.50	+ 0 8.3	2.851	3.809	5.4	20.7
9 18	21 41.03	− 0 52.4	2.898	3.799	7.7	20.9
9 28	21 36.91	− 1 51.4	2.972	3.789	9.9	21.0

298269 2002 XY 8 20.3 289°.56 7°.3/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 19.91	+ 7 56.2	1.940	2.754	15.1	19.7
7 30	22 14.88	+ 8 30.0	1.850	2.737	12.6	19.5
8 9	22 8.01	+ 8 43.3	1.781	2.719	10.0	19.3
8 19	21 59.89	+ 8 34.7	1.735	2.702	7.9	19.1
8 29	21 51.38	+ 8 5.0	1.714	2.685	7.4	19.1
9 8	21 43.43	+ 7 18.1	1.718	2.668	9.0	19.1
9 18	21 36.94	+ 6 20.0	1.747	2.651	11.7	19.2
9 28	21 32.62	+ 5 17.5	1.799	2.634	14.6	19.4

46619 1994 CR_{16} 8 20.3 92°.33 1°.7/19.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 25.38	−14 11.0	1.463	2.364	14.5	19.4
7 30	22 18.79	−14 53.6	1.420	2.381	10.2	19.2
8 9	22 10.05	−15 42.7	1.400	2.398	5.4	19.0
8 19	22 0.11	−16 31.4	1.405	2.415	1.7	18.8
8 29	21 50.24	−17 13.1	1.436	2.432	5.2	19.0
9 8	21 41.65	−17 42.5	1.493	2.448	9.6	19.3
9 18	21 35.26	−17 57.3	1.574	2.464	13.6	19.6
9 28	21 31.63	−17 57.1	1.674	2.480	16.8	19.9

372867 2010 VO_{217} 8 20.3 126°.00 5°.9/16.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 27.52	−24 49.1	1.448	2.357	14.2	20.4
7 30	22 20.58	−25 40.4	1.400	2.360	10.4	20.2
8 9	22 11.15	−26 27.1	1.373	2.362	7.0	20.0
8 19	22 0.26	−27 0.8	1.371	2.365	6.1	19.9
8 29	21 49.33	−27 14.7	1.395	2.368	8.5	20.1
9 8	21 39.78	−27 6.0	1.442	2.370	12.2	20.3
9 18	21 32.69	−26 36.0	1.511	2.373	15.7	20.5
9 28	21 28.68	−25 47.9	1.599	2.375	18.7	20.8

67584 2000 SB_{123} 8 20.3 228.°79 0.°4/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 22.77	−10 18.1	1.539	2.434	14.3	19.5
7 30	22 17.16	−11 5.1	1.470	2.428	10.2	19.2
8 9	22 9.33	−12 4.5	1.424	2.421	5.6	18.9
8 19	22 0.06	−13 10.6	1.403	2.414	0.7	18.6
8 29	21 50.48	−14 15.6	1.408	2.407	4.6	18.8
9 8	21 41.84	−15 12.4	1.439	2.400	9.4	19.1
9 18	21 35.16	−15 55.9	1.494	2.392	13.7	19.4
9 28	21 31.18	−16 23.4	1.569	2.384	17.4	19.6

366471 2002 FG_{15} 8 20.4 121.°98 5.°1/16.8 17

7 20	22 26.93	−22 27.5	1.492	2.399	13.9	21.2
7 30	22 20.02	−23 31.6	1.448	2.410	10.0	21.0
8 9	22 10.79	−24 33.7	1.428	2.420	6.4	20.8
8 19	22 0.22	−25 25.2	1.432	2.430	5.3	20.7
8 29	21 49.66	−25 58.8	1.463	2.439	7.8	20.9
9 8	21 40.44	−26 11.1	1.518	2.448	11.5	21.2
9 18	21 33.54	−26 2.2	1.595	2.457	15.0	21.4
9 28	21 29.58	−25 34.5	1.692	2.465	17.9	21.6

129892 1999 TS_{34} 8 20.4 316.°93 10.°6/12.5 18

7 20	22 27.48	−36 53.2	1.520	2.416	14.4	19.0
7 30	22 20.88	−38 2.0	1.466	2.401	12.1	18.9
8 9	22 11.47	−38 55.2	1.434	2.386	10.8	18.7
8 19	22 0.32	−39 22.7	1.424	2.372	11.0	18.7
8 29	21 48.97	−39 17.5	1.437	2.359	12.9	18.8
9 8	21 39.07	−38 38.4	1.471	2.346	15.5	18.9
9 18	21 31.84	−37 29.3	1.525	2.333	18.2	19.1
9 28	21 27.99	−35 56.2	1.595	2.321	20.7	19.3

171694 2000 SQ_{102} 8 20.4 324.°08 3.°4/22.4 18

7 20	22 17.72	− 3 47.4	1.083	1.986	18.3	19.4
7 30	22 14.28	− 3 52.6	1.010	1.966	13.9	19.1
8 9	22 8.09	− 4 21.4	0.955	1.947	8.8	18.7
8 19	21 59.94	− 5 11.2	0.921	1.928	4.1	18.4
8 29	21 51.19	− 6 15.5	0.909	1.911	5.4	18.4
9 8	21 43.44	− 7 24.5	0.919	1.895	10.9	18.7
9 18	21 38.09	− 8 28.4	0.949	1.880	16.3	18.9
9 28	21 36.13	− 9 19.2	0.996	1.866	21.1	19.2

47404 1999 XU_{122} 8 20.4 206.°15 0.°4/20.1 18

7 20	22 25.03	−12 1.7	1.688	2.579	13.5	19.7
7 30	22 18.57	−12 22.7	1.620	2.575	9.6	19.4
8 9	22 10.01	−12 51.7	1.575	2.572	5.2	19.2
8 19	22 0.15	−13 24.2	1.556	2.568	0.7	18.8
8 29	21 50.07	−13 54.8	1.565	2.564	4.3	19.1
9 8	21 40.93	−14 18.7	1.600	2.559	8.8	19.4
9 18	21 33.70	−14 32.8	1.660	2.554	12.8	19.6
9 28	21 29.04	−14 35.3	1.740	2.548	16.2	19.8

68795 2002 GE_{9} 8 20.4 342.°60 2.°4/22.0 18

7 20	22 13.94	− 4 7.5	0.986	1.899	18.7	17.9
7 30	22 11.60	− 4 43.7	0.923	1.885	14.0	17.6
8 9	22 6.60	− 5 47.4	0.877	1.873	8.6	17.3
8 19	21 59.76	− 7 13.3	0.852	1.862	3.1	16.9
8 29	21 52.47	− 8 51.3	0.849	1.853	5.1	17.0
9 8	21 46.33	−10 28.1	0.867	1.845	11.0	17.3
9 18	21 42.63	−11 52.1	0.905	1.839	16.5	17.6
9 28	21 42.28	−12 55.1	0.960	1.834	21.2	17.9

508084 2015 DT_{86} 8 20.4 238.°20 1.°5/19.4 18 R

7 20	22 25.73	−15 2.5	1.559	2.458	13.9	21.2
7 30	22 19.21	−15 21.1	1.494	2.454	9.9	21.0
8 9	22 10.42	−15 44.9	1.451	2.449	5.4	20.7
8 19	22 0.20	−16 8.8	1.434	2.445	1.5	20.4
8 29	21 49.78	−16 27.2	1.443	2.440	5.0	20.7
9 8	21 40.42	−16 35.9	1.478	2.435	9.6	20.9
9 18	21 33.14	−16 32.7	1.537	2.429	13.7	21.2
9 28	21 28.66	−16 17.0	1.616	2.424	17.2	21.4

132967 2002 TW_{133} 8 20.4 287.°15 2.°5/22.4 18

7 20	22 20.23	− 4 12.4	1.881	2.752	13.2	20.2
7 30	22 15.10	− 4 17.0	1.796	2.735	9.9	20.0
8 9	22 8.14	− 4 35.3	1.733	2.718	6.3	19.7
8 19	21 59.94	− 5 5.4	1.695	2.701	2.9	19.5
8 29	21 51.40	− 5 43.4	1.684	2.684	3.9	19.5
9 8	21 43.50	− 6 24.3	1.701	2.667	7.7	19.7
9 18	21 37.11	− 7 3.3	1.742	2.650	11.5	19.9
9 28	21 32.93	− 7 36.1	1.805	2.633	14.9	20.1

442984 2013 CP_{159} 8 20.4 278.°30 1.°3/19.4 18

7 20	22 22.93	−15 23.2	2.005	2.899	11.5	20.8
7 30	22 16.89	−15 37.2	1.928	2.886	8.2	20.6
8 9	22 9.05	−15 54.9	1.875	2.873	4.5	20.3
8 19	22 0.06	−16 12.5	1.849	2.860	1.3	20.1
8 29	21 50.83	−16 25.8	1.851	2.847	4.2	20.3
9 8	21 42.35	−16 31.5	1.880	2.833	8.1	20.5
9 18	21 35.45	−16 27.6	1.934	2.820	11.6	20.7
9 28	21 30.75	−16 13.4	2.010	2.807	14.7	20.9

392023 2009 BS_{8} 8 20.4 225.°50 0.°9/19.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 20.49	−12 25.1	2.196	3.084	10.9	21.7
7 30	22 15.05	−13 13.2	2.119	3.075	7.7	21.5
8 9	22 8.00	−14 8.8	2.068	3.065	4.1	21.3
8 19	21 59.93	−15 7.3	2.044	3.055	0.9	21.0
8 29	21 51.63	−16 3.3	2.049	3.045	3.8	21.2
9 8	21 43.96	−16 51.9	2.082	3.034	7.5	21.4
9 18	21 37.65	−17 29.7	2.140	3.023	10.8	21.6
9 28	21 33.29	−17 54.8	2.221	3.012	13.7	21.8

4229 Plevitskaya 8 20.4 211.°76 0.°7/20.9 18

7 20	22 22.19	− 7 29.3	1.892	2.770	12.8	18.1
7 30	22 16.44	− 8 12.3	1.816	2.764	9.3	17.8
8 9	22 8.84	− 9 8.1	1.764	2.757	5.3	17.6
8 19	22 0.04	−10 12.2	1.739	2.750	1.1	17.3
8 29	21 50.97	−11 18.7	1.741	2.742	3.6	17.4
9 8	21 42.63	−12 21.3	1.772	2.733	7.9	17.7
9 18	21 35.88	−13 15.0	1.827	2.723	11.7	17.9
9 28	21 31.38	−13 56.2	1.905	2.713	15.0	18.1

30808 1989 YA_{2} 8 20.4 218.°22 2.°2/22.2 18

7 20	22 22.44	− 4 33.8	2.077	2.941	12.4	18.8
7 30	22 16.48	− 4 44.4	1.996	2.933	9.3	18.6
8 9	22 8.81	− 5 7.4	1.939	2.925	5.7	18.3
8 19	22 0.04	− 5 40.5	1.909	2.916	2.5	18.1
8 29	21 51.01	− 6 19.8	1.907	2.906	3.5	18.2
9 8	21 42.64	− 7 0.7	1.933	2.896	7.1	18.4
9 18	21 35.72	− 7 38.8	1.985	2.886	10.7	18.6
9 28	21 30.87	− 8 10.6	2.059	2.874	13.8	18.8

441131 2007 TG_{108} 8 20.4 321.°57 7.°6/27.5 18

7 20	22 16.15	+ 9 52.4	1.643	2.463	17.2	20.4
7 30	22 12.40	+ 9 44.7	1.560	2.451	14.3	20.2
8 9	22 6.74	+ 9 8.0	1.497	2.439	11.2	20.0
8 19	21 59.79	+ 8 1.9	1.455	2.428	8.5	19.8
8 29	21 52.50	+ 6 29.8	1.438	2.417	7.6	19.8
9 8	21 45.92	+ 4 39.5	1.446	2.407	9.3	19.8
9 18	21 40.96	+ 2 40.9	1.478	2.397	12.4	20.0
9 28	21 38.37	+ 0 44.5	1.532	2.388	15.7	20.2

249048 2007 TF_{114} 8 20.4 1.°79 0.°6/20.6 18

7 20	22 17.37	−11 38.3	0.784	1.720	19.6	19.0
7 30	22 14.34	−11 20.1	0.739	1.716	14.1	18.7
8 9	22 8.15	−11 15.1	0.711	1.714	7.9	18.4
8 19	21 59.97	−11 18.7	0.702	1.714	1.3	18.0
8 29	21 51.60	−11 24.4	0.713	1.717	5.7	18.3
9 8	21 44.91	−11 25.4	0.742	1.721	12.1	18.7
9 18	21 41.25	−11 17.2	0.790	1.728	17.7	19.0
9 28	21 41.33	−10 57.1	0.853	1.737	22.3	19.3

444680 2007 DM_{70} 8 20.4 101.°36 0.°9/19.5 18

7 20	22 19.34	−13 26.1	2.282	3.173	10.4	21.9
7 30	22 14.06	−13 58.8	2.222	3.178	7.3	21.7
8 9	22 7.37	−14 36.7	2.186	3.184	3.9	21.5
8 19	21 59.85	−15 15.7	2.178	3.189	0.9	21.3
8 29	21 52.25	−15 51.8	2.198	3.194	3.6	21.5
9 8	21 45.34	−16 21.1	2.246	3.200	6.9	21.7
9 18	21 39.76	−16 41.2	2.319	3.205	10.0	21.9
9 28	21 35.99	−16 50.9	2.415	3.210	12.6	22.1

279118 2009 MK_{9} 8 20.4 348.°55 4.°1/23.6 18

7 20	22 19.68	− 0 33.7	1.917	2.773	13.6	20.1
7 30	22 14.57	− 0 17.3	1.844	2.770	10.5	19.9
8 9	22 7.77	− 0 16.1	1.794	2.768	7.2	19.7
8 19	21 59.91	− 0 29.1	1.769	2.766	4.5	19.5
8 29	21 51.85	− 0 53.7	1.770	2.764	4.6	19.5
9 8	21 44.51	− 1 25.5	1.798	2.762	7.5	19.7
9 18	21 38.68	− 1 59.8	1.851	2.761	10.8	19.9
9 28	21 34.94	− 2 31.9	1.926	2.760	13.8	20.1

495949 2006 UP_{284} 8 20.4 234.°79 4.°7/16.5 18

7 20	22 25.25	−22 36.7	1.801	2.702	12.2	22.2
7 30	22 18.82	−23 39.3	1.732	2.691	8.9	21.9
8 9	22 10.22	−24 41.7	1.688	2.679	5.8	21.7
8 19	22 0.22	−25 36.3	1.670	2.666	4.9	21.7
8 29	21 49.92	−26 16.1	1.679	2.653	7.3	21.8
9 8	21 40.53	−26 36.9	1.714	2.639	10.8	22.0
9 18	21 33.04	−26 37.4	1.773	2.625	14.2	22.1
9 28	21 28.17	−26 18.9	1.850	2.610	17.1	22.3

15599 Richardlarson 8 20.4 254.°48 2.°4/22.2 18

7 20	22 22.03	− 4 31.5	1.659	2.535	14.4	18.7
7 30	22 16.54	− 4 43.4	1.582	2.525	10.8	18.5
8 9	22 8.99	− 5 10.9	1.528	2.515	6.7	18.2
8 19	22 0.08	− 5 51.0	1.498	2.505	2.9	18.0
8 29	21 50.83	− 6 39.0	1.495	2.495	4.1	18.0
9 8	21 42.39	− 7 28.7	1.518	2.485	8.4	18.3
9 18	21 35.71	− 8 14.5	1.565	2.474	12.5	18.5
9 28	21 31.54	− 8 51.5	1.633	2.463	16.1	18.7

118917 2000 VU_{26} 8 20.4 344°.72 0°.3/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 15.91	−11 12.0	1.362	2.274	14.6	19.0
7 30	22 12.49	−11 37.2	1.292	2.258	10.5	18.7
8 9	22 6.88	−12 14.3	1.244	2.244	5.8	18.4
8 19	21 59.82	−12 58.2	1.218	2.230	0.7	18.0
8 29	21 52.43	−13 42.0	1.217	2.218	4.7	18.3
9 8	21 45.96	−14 19.0	1.240	2.208	9.7	18.5
9 18	21 41.45	−14 44.3	1.284	2.199	14.2	18.8
9 28	21 39.65	−14 54.6	1.348	2.191	18.1	19.0

76892 2000 YP_{99} 8 20.4 283°.54 2°.3/18.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 20.95	−13 36.6	1.392	2.301	14.6	19.6
7 30	22 16.14	−14 48.6	1.323	2.289	10.3	19.4
8 9	22 8.92	−16 12.6	1.276	2.276	5.6	19.1
8 19	22 0.07	−17 40.1	1.254	2.264	2.3	18.8
8 29	21 50.82	−19 1.3	1.257	2.251	6.1	19.0
9 8	21 42.52	−20 7.5	1.285	2.239	11.0	19.3
9 18	21 36.32	−20 53.4	1.335	2.226	15.4	19.5
9 28	21 33.05	−21 17.2	1.403	2.214	19.2	19.7

375731 2009 RY_{7} 8 20.4 237°.54 0°.6/20.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 22.91	− 8 50.1	1.862	2.743	12.8	21.9
7 30	22 17.02	− 9 16.2	1.781	2.732	9.3	21.7
8 9	22 9.20	− 9 53.2	1.725	2.719	5.3	21.4
8 19	22 0.10	−10 37.4	1.695	2.706	1.0	21.1
8 29	21 50.69	−11 23.5	1.692	2.693	3.7	21.2
9 8	21 42.00	−12 6.1	1.717	2.679	8.0	21.5
9 18	21 34.94	−12 40.9	1.767	2.664	12.0	21.7
9 28	21 30.20	−13 5.0	1.839	2.649	15.3	21.9

13753 Jennivirta 8 20.4 278°.27 0°.7/19.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 17.73	−11 55.6	2.312	3.202	10.4	18.9
7 30	22 13.04	−12 40.9	2.233	3.189	7.3	18.7
8 9	22 6.90	−13 33.6	2.178	3.176	4.0	18.5
8 19	21 59.82	−14 29.8	2.151	3.162	0.7	18.2
8 29	21 52.51	−15 24.5	2.152	3.149	3.5	18.4
9 8	21 45.75	−16 13.1	2.181	3.136	7.0	18.6
9 18	21 40.23	−16 52.1	2.236	3.122	10.3	18.8
9 28	21 36.48	−17 19.4	2.313	3.109	13.0	18.9

129323 2005 TQ_{47} 8 20.4 22°.58 0°.1/20.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 19.33	−10 46.5	2.117	3.004	11.3	20.5
7 30	22 14.18	−11 14.5	2.050	3.004	8.0	20.3
8 9	22 7.50	−11 50.3	2.008	3.005	4.4	20.1
8 19	21 59.88	−12 30.1	1.993	3.005	0.5	19.8
8 29	21 52.14	−13 9.3	2.006	3.005	3.4	20.0
9 8	21 45.10	−13 43.7	2.046	3.006	7.1	20.3
9 18	21 39.45	−14 10.2	2.112	3.006	10.4	20.5
9 28	21 35.74	−14 26.6	2.200	3.007	13.3	20.7

83530 2001 SY_{155} 8 20.4 338°.14 0°.5/20.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 19.40	− 9 21.2	1.772	2.663	12.9	19.1
7 30	22 14.50	− 9 43.6	1.704	2.658	9.3	18.9
8 9	22 7.78	−10 16.4	1.658	2.654	5.2	18.6
8 19	21 59.94	−10 55.8	1.639	2.650	0.9	18.3
8 29	21 51.89	−11 36.5	1.646	2.646	3.7	18.5
9 8	21 44.64	−12 13.4	1.679	2.643	7.9	18.8
9 18	21 39.03	−12 42.5	1.736	2.640	11.8	19.0
9 28	21 35.67	−13 0.9	1.815	2.637	15.0	19.2

49671 1999 RP_{46} 8 20.4 284°.47 3°.1/22.9 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 20.41	− 2 33.3	2.124	2.982	12.4	17.8
7 30	22 15.02	− 2 22.4	2.042	2.972	9.5	17.6
8 9	22 8.01	− 2 23.9	1.983	2.962	6.3	17.4
8 19	21 59.97	− 2 36.7	1.951	2.952	3.5	17.2
8 29	21 51.68	− 2 58.2	1.946	2.942	3.9	17.3
9 8	21 44.01	− 3 24.7	1.968	2.932	7.0	17.4
9 18	21 37.70	− 3 52.2	2.016	2.922	10.3	17.6
9 28	21 33.36	− 4 16.9	2.087	2.912	13.2	17.8

50423 2000 DE_{13} 8 20.4 263°.40 0°.9/21.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 21.16	− 6 59.2	1.686	2.570	13.8	19.9
7 30	22 16.00	− 7 41.2	1.602	2.552	10.1	19.6
8 9	22 8.75	− 8 38.8	1.541	2.535	5.8	19.3
8 19	22 0.07	− 9 47.3	1.506	2.517	1.4	19.0
8 29	21 50.97	−11 0.2	1.497	2.498	4.0	19.1
9 8	21 42.57	−12 10.0	1.515	2.480	8.7	19.4
9 18	21 35.88	−13 10.6	1.558	2.460	13.0	19.6
9 28	21 31.67	−13 57.3	1.622	2.441	16.7	19.8

317859 2003 TM_{55} 8 20.4 29°.30 6°.6/16.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 22.42	−22 40.3	1.100	2.027	16.1	19.9
7 30	22 17.39	−24 3.2	1.063	2.034	11.6	19.7
8 9	22 9.58	−25 24.2	1.047	2.041	7.7	19.5
8 19	22 0.15	−26 31.5	1.053	2.050	6.8	19.5
8 29	21 50.72	−27 15.1	1.081	2.059	9.8	19.7
9 8	21 42.87	−27 30.5	1.131	2.068	13.9	19.9
9 18	21 37.75	−27 18.2	1.201	2.079	17.8	20.2
9 28	21 35.97	−26 41.8	1.287	2.090	21.1	20.5

262418 Samofalov 8 20.4 343°.47 5°.2/23.2 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 20.70	− 2 3.0	1.148	2.038	18.5	19.4
7 30	22 16.19	− 1 28.6	1.084	2.030	14.3	19.1
8 9	22 9.03	− 1 14.8	1.038	2.022	9.7	18.8
8 19	22 0.12	− 1 21.5	1.014	2.015	5.8	18.6
8 29	21 50.81	− 1 45.3	1.012	2.010	6.2	18.6
9 8	21 42.65	− 2 19.5	1.032	2.005	10.5	18.8
9 18	21 36.86	− 2 56.8	1.074	2.001	15.2	19.1
9 28	21 34.30	− 3 29.8	1.134	1.999	19.4	19.4

446167 2013 EB_{123} 8 20.4 346°.13 11°.1/12.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 35.07	−45 19.9	1.981	2.832	13.5	20.2
7 30	22 25.67	−45 57.0	1.939	2.828	12.0	20.1
8 9	22 13.79	−46 12.5	1.918	2.825	11.2	20.1
8 19	22 0.65	−45 59.4	1.921	2.822	11.3	20.1
8 29	21 47.80	−45 14.3	1.947	2.820	12.5	20.1
9 8	21 36.67	−43 59.0	1.996	2.817	14.1	20.3
9 18	21 28.26	−42 18.9	2.066	2.815	16.0	20.4
9 28	21 23.07	−40 20.6	2.154	2.814	17.6	20.5

57776 2001 VD_{54} 8 20.4 8°.12 3°.6/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 20.37	− 3 53.3	1.233	2.125	17.3	18.4
7 30	22 15.69	− 3 40.7	1.176	2.126	13.0	18.2
8 9	22 8.62	− 3 47.1	1.139	2.127	8.3	17.9
8 19	22 0.06	− 4 10.0	1.124	2.130	4.1	17.7
8 29	21 51.30	− 4 44.4	1.133	2.133	5.1	17.7
9 8	21 43.71	− 5 23.4	1.165	2.138	9.6	18.0
9 18	21 38.36	− 6 0.3	1.219	2.143	14.1	18.3
9 28	21 35.95	− 6 29.5	1.293	2.149	18.0	18.6

136653 1995 MU_{1} 8 20.4 317°.56 3°.0/17.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 17.83	−16 16.3	1.708	2.617	12.3	19.1
7 30	22 13.57	−17 33.1	1.638	2.604	8.7	18.8
8 9	22 7.38	−18 57.3	1.592	2.591	4.9	18.6
8 19	21 59.91	−20 21.4	1.572	2.579	3.0	18.4
8 29	21 52.14	−21 37.2	1.579	2.567	6.0	18.6
9 8	21 45.13	−22 37.9	1.611	2.555	9.9	18.8
9 18	21 39.81	−23 19.6	1.666	2.544	13.6	19.0
9 28	21 36.88	−23 40.9	1.741	2.533	16.8	19.2

16154 Dabramo 8 20.4 3°.96 1°.2/21.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 19.46	− 7 33.2	2.196	3.072	11.4	17.2
7 30	22 14.22	− 7 39.8	2.127	3.072	8.3	17.1
8 9	22 7.51	− 7 55.4	2.081	3.072	4.9	16.8
8 19	21 59.91	− 8 17.7	2.063	3.073	1.6	16.6
8 29	21 52.19	− 8 43.1	2.072	3.073	3.1	16.7
9 8	21 45.13	− 9 7.9	2.109	3.073	6.6	17.0
9 18	21 39.41	− 9 29.1	2.172	3.074	9.8	17.2
9 28	21 35.55	− 9 43.9	2.258	3.075	12.7	17.4

95133 2002 AB_{156} 8 20.4 224°.13 1°.3/19.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 24.40	−14 41.8	1.876	2.768	12.2	20.2
7 30	22 18.01	−15 2.8	1.805	2.763	8.7	20.0
8 9	22 9.70	−15 28.7	1.759	2.757	4.7	19.7
8 19	22 0.19	−15 55.0	1.739	2.750	1.3	19.5
8 29	21 50.48	−16 16.9	1.748	2.743	4.4	19.7
9 8	21 41.63	−16 30.6	1.783	2.737	8.4	19.9
9 18	21 34.50	−16 33.9	1.843	2.729	12.1	20.1
9 28	21 29.73	−16 25.8	1.924	2.722	15.2	20.3

495040 2010 WU_{32} 8 20.4 259°.02 2°.0/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 18.30	− 3 59.8	2.449	3.311	10.9	21.8
7 30	22 13.37	− 4 15.2	2.363	3.298	8.1	21.6
8 9	22 7.06	− 4 41.9	2.301	3.285	5.1	21.4
8 19	21 59.87	− 5 17.7	2.266	3.272	2.4	21.2
8 29	21 52.45	− 5 59.5	2.260	3.259	3.1	21.2
9 8	21 45.53	− 6 43.1	2.282	3.246	6.2	21.4
9 18	21 39.76	− 7 24.7	2.330	3.232	9.2	21.6
9 28	21 35.67	− 8 0.8	2.402	3.219	12.0	21.8

470737 2008 UA_{98} 8 20.4 298°.22 7°.1/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 17.82	+ 7 45.2	1.669	2.497	16.6	20.7
7 30	22 13.66	+ 7 44.8	1.578	2.477	13.7	20.4
8 9	22 7.51	+ 7 17.9	1.507	2.457	10.6	20.2
8 19	21 59.95	+ 6 23.8	1.458	2.437	7.9	20.0
8 29	21 51.93	+ 5 5.3	1.434	2.417	7.2	19.9
9 8	21 44.54	+ 3 29.4	1.435	2.397	9.2	20.0
9 18	21 38.76	+ 1 45.1	1.460	2.378	12.6	20.2
9 28	21 35.40	+ 0 2.1	1.507	2.359	16.1	20.3

253951 2004 DC_{26} 8 20.4 271°.54 1°.6/19.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 22.07	−12 44.4	1.586	2.486	13.7	21.3
7 30	22 16.84	−13 45.5	1.503	2.464	9.7	21.0
8 9	22 9.31	−14 58.4	1.444	2.443	5.3	20.7
8 19	22 0.18	−16 16.4	1.410	2.421	1.6	20.4
8 29	21 50.53	−17 31.1	1.403	2.398	5.3	20.6
9 8	21 41.63	−18 34.8	1.421	2.376	10.1	20.8
9 18	21 34.61	−19 21.9	1.463	2.353	14.5	21.0
9 28	21 30.30	−19 49.9	1.525	2.329	18.2	21.2

371912 2008 DG_{55} 8 20.4 129.°81 1.°4/21.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 23.55	− 5 20.2	1.935	2.803	13.0	21.7
7 30	22 17.17	− 5 59.9	1.879	2.820	9.5	21.5
8 9	22 9.12	− 6 52.5	1.848	2.837	5.6	21.3
8 19	22 0.12	− 7 53.7	1.844	2.853	1.8	21.1
8 29	21 51.08	− 8 58.0	1.868	2.868	3.4	21.3
9 8	21 42.92	− 9 59.3	1.920	2.883	7.3	21.5
9 18	21 36.40	−10 53.0	1.999	2.897	10.8	21.8
9 28	21 32.04	−11 35.9	2.100	2.909	13.7	22.0

259571 2003 UW_{184} 8 20.4 326.°39 5.°4/17.2 18

7 20	22 24.36	−21 53.8	1.199	2.119	15.6	20.2
7 30	22 18.86	−22 40.0	1.141	2.109	11.3	19.9
8 9	22 10.50	−23 26.0	1.103	2.100	7.1	19.6
8 19	22 0.32	−24 2.4	1.089	2.091	5.5	19.5
8 29	21 49.85	−24 20.7	1.098	2.082	8.5	19.7
9 8	21 40.74	−24 16.3	1.130	2.075	13.1	19.9
9 18	21 34.29	−23 49.2	1.181	2.068	17.4	20.2
9 28	21 31.26	−23 1.8	1.250	2.061	21.1	20.4

508274 2015 HD_{174} 8 20.4 132.°18 6.°6/14.4 17

7 20	22 26.00	−29 51.0	2.036	2.930	11.3	21.9
7 30	22 19.01	−31 4.9	1.998	2.944	8.7	21.7
8 9	22 10.15	−32 10.6	1.985	2.956	6.9	21.7
8 19	22 0.25	−33 1.2	1.998	2.968	6.8	21.7
8 29	21 50.36	−33 31.3	2.039	2.980	8.5	21.8
9 8	21 41.53	−33 39.1	2.104	2.991	10.9	22.0
9 18	21 34.59	−33 25.7	2.192	3.002	13.3	22.2
9 28	21 30.06	−32 53.9	2.299	3.012	15.4	22.3

483254 2015 SW_{12} 8 20.4 185.°48 1.°4/19.1 18

7 20	22 21.19	−15 57.9	2.455	3.345	9.8	21.1
7 30	22 15.34	−16 19.2	2.388	3.345	6.9	20.9
8 9	22 8.08	−16 43.2	2.347	3.344	3.8	20.7
8 19	22 0.00	−17 6.3	2.334	3.344	1.4	20.6
8 29	21 51.83	−17 25.2	2.350	3.343	3.7	20.7
9 8	21 44.31	−17 36.9	2.394	3.342	6.9	20.9
9 18	21 38.08	−17 39.8	2.463	3.341	9.8	21.1
9 28	21 33.64	−17 33.3	2.556	3.340	12.3	21.3

258398 2001 XR_{104} 8 20.4 251.°95 2.°2/18.9 17

7 20	22 24.03	−14 38.4	1.332	2.241	15.2	20.8
7 30	22 18.33	−15 28.3	1.272	2.237	10.7	20.5
8 9	22 10.11	−16 26.8	1.233	2.233	5.8	20.3
8 19	22 0.28	−17 26.3	1.219	2.229	2.2	20.0
8 29	21 50.17	−18 18.2	1.229	2.224	6.0	20.3
9 8	21 41.23	−18 55.6	1.264	2.220	10.9	20.5
9 18	21 34.61	−19 15.2	1.321	2.216	15.4	20.8
9 28	21 31.05	−19 16.1	1.397	2.211	19.1	21.0

518789 2010 BH_{53} 8 20.4 16.°75 4.°4/16.7 18

7 20	22 19.21	−19 42.2	1.483	2.399	13.4	19.9
7 30	22 14.64	−20 59.8	1.435	2.403	9.5	19.7
8 9	22 7.96	−22 19.7	1.410	2.407	5.8	19.5
8 19	22 0.00	−23 33.2	1.410	2.411	4.5	19.5
8 29	21 51.93	−24 31.8	1.435	2.417	7.3	19.6
9 8	21 44.93	−25 10.3	1.484	2.423	11.1	19.9
9 18	21 39.94	−25 26.6	1.555	2.429	14.7	20.1
9 28	21 37.58	−25 21.7	1.645	2.436	17.7	20.3

186304 2002 CQ_{125} 8 20.4 103.°69 1.°3/21.9 18

7 20	22 17.82	− 4 13.8	2.405	3.269	11.0	20.4
7 30	22 12.91	− 5 11.9	2.347	3.285	8.0	20.2
8 9	22 6.75	− 6 21.9	2.313	3.301	4.7	20.0
8 19	21 59.85	− 7 39.7	2.308	3.317	1.6	19.8
8 29	21 52.89	− 9 0.2	2.332	3.332	2.8	19.9
9 8	21 46.55	−10 18.0	2.385	3.347	6.0	20.2
9 18	21 41.42	−11 28.5	2.465	3.362	9.0	20.4
9 28	21 37.94	−12 28.4	2.569	3.377	11.5	20.6

185972 2001 KL_{8} 8 20.4 33.°91 3.°7/23.1 17

7 20	22 19.88	− 1 42.7	1.262	2.146	17.5	19.6
7 30	22 15.26	− 1 58.4	1.209	2.153	13.2	19.3
8 9	22 8.35	− 2 36.7	1.176	2.162	8.5	19.1
8 19	22 0.06	− 3 33.8	1.165	2.170	4.3	18.9
8 29	21 51.64	− 4 42.6	1.179	2.179	4.9	19.0
9 8	21 44.38	− 5 54.1	1.217	2.189	9.3	19.2
9 18	21 39.29	− 7 0.2	1.277	2.199	13.7	19.5
9 28	21 37.04	− 7 54.5	1.357	2.210	17.5	19.8

340466 2006 HB_{27} 8 20.4 138.°30 15.°7/ 4.8 17

7 20	22 21.40	+25 30.8	1.274	2.009	25.3	20.5
7 30	22 16.67	+26 6.2	1.211	2.013	23.0	20.3
8 9	22 9.31	+25 55.1	1.160	2.018	20.3	20.2
8 19	22 0.19	+24 51.2	1.124	2.022	17.8	20.0
8 29	21 50.71	+22 53.9	1.107	2.026	16.1	19.9
9 8	21 42.40	+20 12.0	1.110	2.029	15.8	19.9
9 18	21 36.49	+17 0.8	1.134	2.033	17.1	20.0
9 28	21 33.83	+13 39.4	1.180	2.035	19.4	20.2

257672 1999 VJ_{104} 8 20.4 344.°54 3.°9/18.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 19.30	−17 45.5	1.030	1.960	16.6	19.4
7 30	22 15.47	−18 30.5	0.974	1.948	11.8	19.1
8 9	22 8.76	−19 21.7	0.937	1.938	6.8	18.8
8 19	22 0.14	−20 9.8	0.922	1.930	3.9	18.6
8 29	21 51.19	−20 44.9	0.929	1.922	7.7	18.8
9 8	21 43.61	−21 0.2	0.956	1.916	13.0	19.1
9 18	21 38.71	−20 53.1	1.003	1.912	17.8	19.3
9 28	21 37.30	−20 24.2	1.067	1.909	22.0	19.6

374930 2007 AU_{12} 8 20.4 256.°94 1.°3/19.4 18

7 20	22 22.80	−13 3.8	1.679	2.576	13.2	21.6
7 30	22 17.17	−13 47.1	1.603	2.562	9.4	21.4
8 9	22 9.40	−14 39.5	1.550	2.548	5.1	21.1
8 19	22 0.22	−15 35.1	1.523	2.534	1.3	20.8
8 29	21 50.67	−16 27.3	1.522	2.519	4.8	21.0
9 8	21 41.93	−17 9.9	1.548	2.504	9.3	21.3
9 18	21 35.01	−17 39.0	1.598	2.488	13.4	21.5
9 28	21 30.66	−17 52.6	1.668	2.473	16.9	21.7

180416 2004 BT_{50} 8 20.4 81.°41 2.°2/18.4 17

7 20	22 22.79	−12 38.4	1.489	2.390	14.3	20.0
7 30	22 16.96	−14 22.4	1.454	2.416	9.9	19.8
8 9	22 9.11	−16 14.9	1.443	2.442	5.2	19.6
8 19	22 0.16	−18 5.8	1.459	2.468	2.3	19.4
8 29	21 51.27	−19 45.2	1.501	2.493	5.6	19.7
9 8	21 43.57	−21 5.8	1.570	2.518	9.9	20.0
9 18	21 37.93	−22 4.0	1.663	2.542	13.6	20.3
9 28	21 34.89	−22 39.6	1.775	2.566	16.6	20.6

133915 2004 RC_{201} 8 20.4 262.°13 10.°6/ 3.1 18

7 20	22 18.27	+25 59.8	2.660	3.316	15.0	19.8
7 30	22 13.46	+26 44.3	2.568	3.304	13.8	19.6
8 9	22 7.20	+27 5.2	2.494	3.292	12.5	19.5
8 19	21 59.95	+26 59.6	2.438	3.280	11.4	19.4
8 29	21 52.39	+26 26.6	2.405	3.268	10.7	19.4
9 8	21 45.30	+25 28.3	2.394	3.256	10.7	19.3
9 18	21 39.35	+24 9.2	2.406	3.244	11.4	19.4
9 28	21 35.13	+22 35.6	2.441	3.232	12.6	19.4

156090 2001 SF_{195} 8 20.4 296.°17 0.°7/19.9 18

7 20	22 20.91	−11 24.4	1.485	2.387	14.3	20.2
7 30	22 16.07	−12 4.7	1.406	2.368	10.3	19.9
8 9	22 8.93	−12 57.3	1.349	2.348	5.6	19.6
8 19	22 0.18	−13 56.4	1.317	2.329	0.8	19.2
8 29	21 50.97	−14 54.7	1.310	2.310	4.8	19.4
9 8	21 42.58	−15 44.7	1.329	2.290	9.9	19.7
9 18	21 36.14	−16 21.3	1.370	2.272	14.4	19.9
9 28	21 32.48	−16 41.4	1.430	2.253	18.3	20.1

364556 2007 GF_{76} 8 20.4 131.°04 1.°4/21.9 18

7 20	22 18.06	− 5 21.1	2.524	3.389	10.5	22.0
7 30	22 13.08	− 5 49.0	2.458	3.397	7.7	21.9
8 9	22 6.86	− 6 26.9	2.416	3.404	4.6	21.7
8 19	21 59.90	− 7 12.1	2.402	3.411	1.7	21.5
8 29	21 52.85	− 8 0.7	2.417	3.417	2.8	21.6
9 8	21 46.38	− 8 48.8	2.461	3.424	5.8	21.8
9 18	21 41.05	− 9 32.6	2.531	3.430	8.7	22.0
9 28	21 37.32	−10 9.4	2.625	3.436	11.2	22.2

392033 2009 BJ_{41} 8 20.4 166.°21 1.°8/18.6 18

7 20	22 20.14	−14 43.9	2.048	2.944	11.2	20.8
7 30	22 14.86	−15 43.1	1.986	2.946	7.9	20.6
8 9	22 7.95	−16 48.0	1.950	2.948	4.3	20.4
8 19	22 0.05	−17 53.0	1.940	2.949	1.8	20.2
8 29	21 52.00	−18 52.3	1.959	2.951	4.5	20.4
9 8	21 44.69	−19 40.7	2.005	2.952	8.1	20.6
9 18	21 38.87	−20 15.4	2.075	2.953	11.4	20.8
9 28	21 35.09	−20 35.2	2.168	2.953	14.1	21.0

51673 2001 KC_{7} 8 20.4 5.°93 3.°2/22.9 18

7 20	22 18.96	− 2 28.6	1.608	2.483	14.9	18.4
7 30	22 14.32	− 2 36.3	1.543	2.483	11.3	18.2
8 9	22 7.77	− 3 1.4	1.500	2.483	7.3	18.0
8 19	22 0.03	− 3 41.2	1.480	2.484	3.7	17.8
8 29	21 52.11	− 4 31.1	1.487	2.486	4.3	17.8
9 8	21 45.05	− 5 24.5	1.519	2.488	8.1	18.1
9 18	21 39.73	− 6 15.5	1.575	2.491	12.0	18.3
9 28	21 36.78	− 6 58.7	1.652	2.494	15.4	18.5

262703 2006 XL_{3} 8 20.4 205.°26 4.°3/16.6 18

7 20	22 22.48	−19 41.7	1.677	2.584	12.6	20.6
7 30	22 16.91	−21 7.7	1.618	2.581	9.0	20.4
8 9	22 9.23	−22 36.9	1.584	2.579	5.5	20.2
8 19	22 0.22	−24 0.6	1.576	2.576	4.4	20.1
8 29	21 50.97	−25 10.4	1.594	2.572	7.1	20.3
9 8	21 42.66	−26 0.3	1.638	2.569	10.8	20.5
9 18	21 36.25	−26 28.2	1.705	2.565	14.3	20.7
9 28	21 32.43	−26 34.5	1.791	2.561	17.2	20.9

325052 2008 CV_{177} 8 20.4 112°.25 1°.9/18.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 25.14	−14 53.7	1.574	2.473	13.8	20.9
7 30	22 18.64	−15 39.4	1.526	2.487	9.7	20.7
8 9	22 10.07	−16 30.8	1.501	2.499	5.2	20.5
8 19	22 0.31	−17 21.3	1.502	2.512	1.9	20.3
8 29	21 50.53	−18 4.2	1.530	2.524	5.2	20.6
9 8	21 41.92	−18 34.7	1.583	2.536	9.4	20.8
9 18	21 35.37	−18 50.4	1.661	2.547	13.2	21.1
9 28	21 31.46	−18 50.9	1.758	2.558	16.4	21.3

389079 2008 WL_{122} 8 20.4 304°.18 2°.6/18.8 18

7 20	22 25.27	−18 13.3	1.594	2.498	13.4	20.3
7 30	22 18.97	−18 26.9	1.524	2.486	9.6	20.0
8 9	22 10.39	−18 42.3	1.477	2.475	5.4	19.8
8 19	22 0.37	−18 54.1	1.456	2.464	2.6	19.6
8 29	21 50.09	−18 57.2	1.460	2.453	5.6	19.7
9 8	21 40.83	−18 48.3	1.491	2.443	9.9	20.0
9 18	21 33.63	−18 26.3	1.545	2.433	13.9	20.2
9 28	21 29.19	−17 51.7	1.618	2.423	17.4	20.4

160672 2000 BP_{11} 8 20.4 322°.83 0°.5/20.1 18

7 20	22 18.55	−11 0.1	1.139	2.056	16.5	19.7
7 30	22 14.90	−11 32.8	1.064	2.032	11.9	19.4
8 9	22 8.51	−12 21.0	1.009	2.010	6.6	19.0
8 19	22 0.16	−13 18.7	0.976	1.988	0.8	18.6
8 29	21 51.21	−14 17.2	0.966	1.967	5.5	18.8
9 8	21 43.24	−15 7.0	0.978	1.947	11.4	19.1
9 18	21 37.64	−15 41.6	1.011	1.929	16.8	19.3
9 28	21 35.39	−15 56.8	1.060	1.911	21.4	19.6

254381 2004 TA_{157} 8 20.4 141°.08 5°.5/14.4 18

7 20	22 23.40	−31 31.2	2.716	3.602	9.1	20.7
7 30	22 16.85	−32 18.3	2.672	3.611	7.1	20.5
8 9	22 8.89	−32 58.1	2.654	3.619	5.7	20.5
8 19	22 0.16	−33 25.7	2.663	3.627	5.7	20.5
8 29	21 51.44	−33 37.9	2.699	3.635	7.0	20.6
9 8	21 43.50	−33 33.4	2.762	3.642	8.9	20.7
9 18	21 36.96	−33 12.9	2.849	3.649	10.8	20.9
9 28	21 32.31	−32 38.0	2.956	3.655	12.5	21.0

4714 Toyohiro 8 20.4 323°.11 1°.0/19.7 18

7 20	22 22.20	−14 33.6	1.880	2.776	12.1	15.8
7 30	22 16.48	−14 39.3	1.808	2.767	8.6	15.6
8 9	22 8.90	−14 49.4	1.760	2.757	4.7	15.3
8 19	22 0.18	−15 0.1	1.737	2.749	1.0	15.0
8 29	21 51.26	−15 7.6	1.742	2.740	4.1	15.3
9 8	21 43.15	−15 8.6	1.774	2.732	8.1	15.5
9 18	21 36.69	−15 1.1	1.830	2.724	11.8	15.7
9 28	21 32.50	−14 44.2	1.908	2.716	14.9	15.9

501960 2014 YW_{11} 8 20.4 268°.55 0°.1/20.3 17

7 20	22 25.79	−11 22.0	1.402	2.299	15.3	21.6
7 30	22 19.68	−11 35.5	1.325	2.283	11.1	21.3
8 9	22 10.96	−11 59.5	1.270	2.267	6.1	21.0
8 19	22 0.46	−12 29.1	1.239	2.251	0.7	20.6
8 29	21 49.48	−12 58.5	1.234	2.234	4.8	20.8
9 8	21 39.46	−13 21.5	1.254	2.217	10.1	21.1
9 18	21 31.67	−13 34.2	1.297	2.200	15.0	21.3
9 28	21 26.96	−13 34.3	1.358	2.183	19.0	21.5

93976 2000 XT_{8} 8 20.4 307°.78 9°.0/13.1 18

7 20	22 24.15	−31 24.6	1.494	2.403	13.8	18.5
7 30	22 18.67	−32 47.8	1.428	2.379	11.1	18.2
8 9	22 10.46	−34 3.0	1.385	2.356	9.2	18.1
8 19	22 0.40	−34 59.4	1.364	2.333	9.5	18.0
8 29	21 49.89	−35 28.1	1.368	2.310	11.7	18.1
9 8	21 40.48	−35 24.9	1.393	2.288	14.9	18.2
9 18	21 33.48	−34 50.9	1.438	2.266	18.1	18.4
9 28	21 29.72	−33 50.3	1.499	2.245	21.0	18.6

447786 2007 RO_{259} 8 20.4 186°.52 8°.8/28.5 17

7 20	22 21.06	+13 51.4	1.221	2.036	22.2	20.9
7 30	22 16.42	+12 54.9	1.150	2.036	18.6	20.7
8 9	22 9.20	+11 11.8	1.095	2.036	14.4	20.5
8 19	22 0.25	+ 8 42.4	1.060	2.036	10.5	20.2
8 29	21 50.89	+ 5 35.4	1.050	2.035	8.8	20.1
9 8	21 42.63	+ 2 7.8	1.065	2.033	10.9	20.3
9 18	21 36.69	− 1 20.2	1.105	2.031	15.0	20.5
9 28	21 33.91	− 4 30.9	1.168	2.029	19.2	20.7

78990 2003 UJ_{102} 8 20.4 341°.55 0°.1/20.4 18

7 20	22 18.18	− 8 49.0	1.562	2.460	14.0	18.9
7 30	22 13.88	− 9 41.2	1.497	2.455	10.0	18.7
8 9	22 7.59	−10 47.4	1.453	2.451	5.5	18.4
8 19	22 0.03	−12 1.9	1.435	2.447	0.7	18.1
8 29	21 52.23	−13 16.9	1.443	2.443	4.2	18.3
9 8	21 45.30	−14 25.0	1.476	2.440	8.8	18.6
9 18	21 40.14	−15 20.3	1.533	2.438	13.0	18.8
9 28	21 37.45	−15 59.3	1.610	2.436	16.5	19.1

74170 1998 RB_{3} 8 20.4 80°.18 0°.5/20.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 23.43	− 8 40.2	1.444	2.337	15.2	20.1
7 30	22 17.50	− 9 15.4	1.398	2.353	10.9	19.9
8 9	22 9.47	−10 3.4	1.373	2.369	6.0	19.6
8 19	22 0.25	−10 58.4	1.374	2.386	1.0	19.3
8 29	21 51.04	−11 53.3	1.401	2.402	4.2	19.6
9 8	21 43.01	−12 41.7	1.453	2.418	8.9	19.9
9 18	21 37.08	−13 18.9	1.529	2.434	13.0	20.2
9 28	21 33.82	−13 42.3	1.625	2.449	16.4	20.5

154608 2003 QE_{63} 8 20.4 336°.64 3°.0/17.8 18

7 20	22 19.51	−19 23.4	1.953	2.859	11.2	19.1
7 30	22 14.53	−20 2.4	1.888	2.851	8.0	18.9
8 9	22 7.83	−20 42.8	1.847	2.844	4.7	18.7
8 19	22 0.06	−21 19.5	1.832	2.837	3.1	18.6
8 29	21 52.12	−21 47.3	1.844	2.830	5.5	18.7
9 8	21 44.97	−22 2.4	1.882	2.824	8.9	18.9
9 18	21 39.38	−22 3.2	1.944	2.818	12.1	19.1
9 28	21 35.94	−21 49.7	2.026	2.813	14.9	19.3

441440 2008 HU_{21} 8 20.4 32°.24 6°.4/26.6 18

7 20	22 17.34	+ 7 16.2	1.876	2.699	15.2	20.3
7 30	22 12.92	+ 7 23.7	1.815	2.710	12.4	20.1
8 9	22 6.91	+ 7 8.9	1.774	2.720	9.5	19.9
8 19	21 59.95	+ 6 32.7	1.756	2.732	7.1	19.8
8 29	21 52.87	+ 5 38.1	1.764	2.743	6.4	19.8
9 8	21 46.56	+ 4 31.1	1.797	2.755	8.0	19.9
9 18	21 41.73	+ 3 18.3	1.856	2.768	10.7	20.1
9 28	21 38.93	+ 2 6.7	1.937	2.781	13.4	20.3

488212 2015 XB_{309} 8 20.4 302°.48 6°.6/25.9 17

7 20	22 19.53	+ 7 13.5	2.194	3.004	13.7	21.0
7 30	22 14.53	+ 7 51.1	2.097	2.982	11.4	20.8
8 9	22 7.88	+ 8 11.5	2.022	2.960	9.0	20.6
8 19	22 0.09	+ 8 13.3	1.970	2.937	7.1	20.4
8 29	21 51.91	+ 7 57.0	1.945	2.915	6.7	20.4
9 8	21 44.19	+ 7 25.4	1.946	2.893	8.3	20.4
9 18	21 37.73	+ 6 43.2	1.971	2.871	10.8	20.5
9 28	21 33.19	+ 5 56.0	2.020	2.850	13.4	20.7

250706 2005 RR_{6} 8 20.4 323°.94 4°.4/17.2 16

7 20	22 30.27	−19 50.9	1.763	2.656	12.9	22.6
7 30	22 23.51	−20 55.2	1.622	2.578	9.6	22.2
8 9	22 13.60	−22 8.4	1.504	2.498	6.0	21.8
8 19	22 0.91	−23 23.0	1.414	2.416	4.5	21.6
8 29	21 46.37	−24 28.8	1.352	2.332	7.9	21.6
9 8	21 31.51	−25 16.3	1.317	2.246	13.0	21.6
9 18	21 18.03	−25 39.6	1.306	2.159	18.2	21.7
9 28	21 7.48	−25 37.1	1.313	2.069	23.0	21.8

49361 1998 WN_{15} 8 20.4 258°.51 1°.5/18.9 18

7 20	22 20.17	−13 54.9	1.980	2.875	11.5	19.3
7 30	22 15.03	−14 46.4	1.906	2.865	8.2	19.1
8 9	22 8.14	−15 44.9	1.856	2.855	4.4	18.8
8 19	22 0.12	−16 45.3	1.834	2.844	1.5	18.6
8 29	21 51.85	−17 41.6	1.839	2.833	4.4	18.8
9 8	21 44.27	−18 28.3	1.871	2.822	8.3	19.0
9 18	21 38.19	−19 2.1	1.928	2.811	11.8	19.2
9 28	21 34.24	−19 21.2	2.006	2.800	14.8	19.4

130130 1999 XB_{133} 8 20.4 337°.86 2°.0/21.3 18

7 20	22 24.58	− 9 24.5	1.379	2.275	15.6	18.0
7 30	22 18.71	− 8 43.2	1.308	2.262	11.5	17.8
8 9	22 10.37	− 8 10.4	1.257	2.251	6.8	17.5
8 19	22 0.41	− 7 44.8	1.231	2.240	2.4	17.2
8 29	21 50.11	− 7 24.2	1.229	2.231	4.6	17.3
9 8	21 40.85	− 7 5.7	1.253	2.222	9.5	17.6
9 18	21 33.80	− 6 46.7	1.300	2.214	14.1	17.8
9 28	21 29.73	− 6 24.4	1.366	2.207	18.0	18.0

53643 2000 DL_{18} 8 20.4 2°.93 1°.1/19.6 18

7 20	22 19.99	−11 41.4	1.275	2.186	15.5	18.8
7 30	22 15.46	−12 32.1	1.219	2.185	11.0	18.5
8 9	22 8.56	−13 35.2	1.185	2.185	5.9	18.2
8 19	22 0.18	−14 43.3	1.173	2.185	1.2	17.9
8 29	21 51.58	−15 47.7	1.187	2.186	5.3	18.2
9 8	21 44.13	−16 40.3	1.224	2.187	10.4	18.5
9 18	21 38.89	−17 16.2	1.283	2.190	14.9	18.8
9 28	21 36.56	−17 33.3	1.361	2.192	18.7	19.0

17907 Danielgude 8 20.4 32°.08 3°.9/17.9 18

7 20	22 23.04	−19 19.1	1.305	2.221	14.8	17.7
7 30	22 17.49	−20 3.6	1.262	2.230	10.5	17.5
8 9	22 9.57	−20 49.5	1.241	2.239	6.1	17.3
8 19	22 0.29	−21 28.9	1.244	2.249	4.0	17.2
8 29	21 51.03	−21 54.8	1.271	2.260	7.0	17.4
9 8	21 43.13	−22 3.0	1.322	2.271	11.2	17.7
9 18	21 37.58	−21 52.7	1.395	2.283	15.1	18.0
9 28	21 34.98	−21 25.3	1.486	2.295	18.4	18.2

164097 2003 WU_{156} 8 20.4 310°.04 1°.3/19.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 20.07	−12 59.8	1.712	2.612	12.8	19.8
7 30	22 15.11	−13 46.9	1.645	2.606	9.1	19.6
8 9	22 8.24	−14 42.6	1.602	2.601	4.9	19.3
8 19	22 0.14	−15 41.0	1.585	2.596	1.3	19.1
8 29	21 51.82	−16 35.7	1.594	2.591	4.6	19.3
9 8	21 44.33	−17 20.7	1.630	2.586	8.8	19.5
9 18	21 38.57	−17 52.2	1.689	2.581	12.7	19.7
9 28	21 35.18	−18 8.5	1.768	2.577	15.9	20.0

355612 2008 DD_{33} 8 20.4 215°.20 3°.6/17.3 18

7 20	22 22.79	−22 8.5	2.117	3.016	10.8	20.7
7 30	22 16.72	−22 44.4	2.057	3.015	7.7	20.5
8 9	22 8.97	−23 18.9	2.022	3.014	4.8	20.3
8 19	22 0.23	−23 46.9	2.013	3.013	3.7	20.3
8 29	21 51.39	−24 3.9	2.033	3.012	5.8	20.4
9 8	21 43.38	−24 7.3	2.079	3.011	8.8	20.6
9 18	21 36.96	−23 56.3	2.150	3.009	11.7	20.8
9 28	21 32.67	−23 31.8	2.241	3.008	14.3	21.0

23695 1997 MS_{4} 8 20.4 339°.09 5°.1/15.7 18

7 20	22 17.21	−22 25.9	1.675	2.591	12.1	16.9
7 30	22 13.24	−23 41.3	1.612	2.577	8.8	16.7
8 9	22 7.28	−24 57.6	1.572	2.564	5.9	16.5
8 19	22 0.03	−26 6.7	1.557	2.552	5.3	16.4
8 29	21 52.52	−27 0.9	1.567	2.540	7.7	16.6
9 8	21 45.85	−27 35.0	1.602	2.530	11.2	16.7
9 18	21 40.95	−27 46.9	1.658	2.520	14.5	16.9
9 28	21 38.50	−27 37.2	1.733	2.511	17.4	17.1

317180 2001 XD_{178} 8 20.4 185°.30 3°.2/23.4 18

7 20	22 19.81	− 1 13.1	2.232	3.084	12.1	20.6
7 30	22 14.52	− 1 12.6	2.159	3.084	9.3	20.4
8 9	22 7.76	− 1 25.5	2.108	3.084	6.2	20.2
8 19	22 0.09	− 1 50.2	2.084	3.083	3.6	20.1
8 29	21 52.26	− 2 23.8	2.087	3.083	3.8	20.1
9 8	21 45.05	− 3 2.1	2.119	3.082	6.6	20.3
9 18	21 39.15	− 3 41.0	2.176	3.082	9.6	20.5
9 28	21 35.08	− 4 16.4	2.257	3.081	12.4	20.7

165986 2001 YZ_{116} 8 20.4 223°.77 2°.0/19.0 18

7 20	22 24.99	−14 44.4	1.468	2.371	14.4	20.1
7 30	22 18.90	−15 29.2	1.404	2.366	10.2	19.9
8 9	22 10.43	−16 21.7	1.362	2.361	5.6	19.6
8 19	22 0.44	−17 14.8	1.346	2.356	2.0	19.3
8 29	21 50.16	−18 1.1	1.355	2.350	5.6	19.6
9 8	21 40.96	−18 34.5	1.390	2.344	10.3	19.8
9 18	21 33.91	−18 51.8	1.447	2.338	14.6	20.1
9 28	21 29.76	−18 52.2	1.524	2.331	18.1	20.3

167405 2003 WP_{118} 8 20.4 309°.06 2°.3/18.7 18 R

7 20	22 21.54	−16 18.9	1.589	2.495	13.2	19.7
7 30	22 16.44	−16 52.6	1.511	2.475	9.4	19.4
8 9	22 9.12	−17 32.0	1.457	2.456	5.2	19.1
8 19	22 0.29	−18 11.0	1.427	2.436	2.3	18.9
8 29	21 51.07	−18 43.3	1.423	2.417	5.5	19.0
9 8	21 42.69	−19 3.6	1.444	2.398	10.0	19.2
9 18	21 36.21	−19 8.9	1.488	2.379	14.2	19.4
9 28	21 32.40	−18 58.4	1.552	2.362	17.7	19.6

520535 2014 MY_{74} 8 20.4 44°.74 0°.0/20.4 18

7 20	22 23.03	−12 22.2	2.159	3.043	11.2	20.6
7 30	22 16.78	−12 17.5	2.094	3.046	8.0	20.4
8 9	22 8.97	−12 17.7	2.054	3.050	4.4	20.2
8 19	22 0.25	−12 20.1	2.041	3.053	0.5	19.9
8 29	21 51.46	−12 21.8	2.057	3.057	3.3	20.1
9 8	21 43.45	−12 20.3	2.101	3.061	7.0	20.4
9 18	21 36.92	−12 13.6	2.171	3.064	10.2	20.6
9 28	21 32.40	−12 0.6	2.264	3.068	13.0	20.8

479409 2013 YV_{49} 8 20.4 238°.76 6°.0/24.5 18

7 20	22 24.23	+ 3 3.6	1.832	2.667	15.0	21.1
7 30	22 18.01	+ 3 44.7	1.754	2.662	12.1	20.9
8 9	22 9.83	+ 4 8.6	1.698	2.656	8.9	20.7
8 19	22 0.38	+ 4 14.2	1.666	2.651	6.4	20.5
8 29	21 50.62	+ 4 3.0	1.661	2.645	6.3	20.5
9 8	21 41.60	+ 3 38.7	1.683	2.639	8.7	20.6
9 18	21 34.25	+ 3 6.3	1.729	2.632	11.8	20.8
9 28	21 29.25	+ 2 31.7	1.797	2.626	14.9	21.0

269602 2010 CY_{18} 8 20.4 190°.02 0°.2/20.3 18

7 20	22 23.21	−11 27.0	1.854	2.742	12.6	20.4
7 30	22 17.18	−11 45.3	1.788	2.742	9.0	20.2
8 9	22 9.31	−12 11.3	1.745	2.742	4.9	19.9
8 19	22 0.31	−12 41.1	1.729	2.741	0.6	19.6
8 29	21 51.16	−13 9.8	1.740	2.740	3.8	19.8
9 8	21 42.85	−13 33.3	1.779	2.739	7.9	20.1
9 18	21 36.23	−13 48.5	1.842	2.737	11.7	20.3
9 28	21 31.90	−13 53.5	1.927	2.736	14.8	20.5

511504 2014 OS_{175} 8 20.4 28°.39 5°.1/14.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 18.15	−24 3.8	2.073	2.980	10.5	20.4
7 30	22 13.55	−25 41.7	2.024	2.984	7.7	20.3
8 9	22 7.31	−27 18.1	2.002	2.988	5.5	20.1
8 19	22 0.07	−28 45.3	2.006	2.992	5.4	20.1
8 29	21 52.67	−29 56.7	2.038	2.996	7.4	20.3
9 8	21 46.02	−30 47.8	2.095	3.001	10.1	20.4
9 18	21 40.88	−31 17.5	2.175	3.005	12.7	20.6
9 28	21 37.80	−31 26.3	2.274	3.010	14.9	20.8

15024 1998 TB 8 20.4 231°.18 2°.2/18.6 18

7 20	22 22.29	−14 53.7	1.756	2.655	12.6	18.0
7 30	22 16.74	−15 55.4	1.686	2.647	8.9	17.8
8 9	22 9.18	−17 4.4	1.641	2.639	4.9	17.5
8 19	22 0.31	−18 14.2	1.622	2.631	2.2	17.3
8 29	21 51.17	−19 17.4	1.630	2.622	5.3	17.5
9 8	21 42.84	−20 8.0	1.665	2.613	9.4	17.7
9 18	21 36.27	−20 42.3	1.723	2.604	13.1	17.9
9 28	21 32.14	−20 59.2	1.802	2.594	16.3	18.1

393128 2013 BG_{41} 8 20.4 312°.38 0°.5/19.9 18

7 20	22 19.37	−11 16.5	1.852	2.746	12.3	20.7
7 30	22 14.51	−11 56.1	1.783	2.741	8.7	20.4
8 9	22 7.89	−12 44.9	1.737	2.735	4.7	20.2
8 19	22 0.16	−13 38.1	1.718	2.730	0.7	19.9
8 29	21 52.21	−14 29.9	1.725	2.724	3.9	20.1
9 8	21 45.02	−15 15.0	1.759	2.719	8.0	20.4
9 18	21 39.39	−15 49.3	1.818	2.714	11.8	20.6
9 28	21 35.94	−16 10.6	1.898	2.709	14.9	20.8

424165 2007 HX_{36} 8 20.4 110°.43 2°.4/18.4 17

7 20	22 24.70	−17 4.4	1.834	2.731	12.3	21.4
7 30	22 18.13	−17 49.5	1.788	2.747	8.6	21.2
8 9	22 9.75	−18 37.1	1.766	2.763	4.8	21.0
8 19	22 0.38	−19 21.6	1.771	2.779	2.5	20.9
8 29	21 51.03	−19 57.4	1.804	2.794	5.1	21.1
9 8	21 42.70	−20 20.7	1.863	2.809	8.8	21.4
9 18	21 36.20	−20 29.9	1.947	2.823	12.1	21.6
9 28	21 32.04	−20 25.1	2.053	2.837	14.9	21.9

48539 1993 SD_{11} 8 20.4 262°.89 0°.6/19.9 18

7 20	22 21.52	−12 25.8	1.958	2.849	11.9	19.2
7 30	22 16.01	−12 52.9	1.883	2.839	8.5	18.9
8 9	22 8.71	−13 27.3	1.832	2.829	4.6	18.7
8 19	22 0.28	−14 4.6	1.807	2.819	0.7	18.4
8 29	21 51.60	−14 40.1	1.810	2.808	3.9	18.6
9 8	21 43.65	−15 9.2	1.840	2.798	7.9	18.8
9 18	21 37.23	−15 28.9	1.895	2.787	11.6	19.0
9 28	21 32.99	−15 37.2	1.972	2.777	14.7	19.2

444206 2005 SC_{291} 8 20.4 312°.76 1°.0/21.3 15

7 20	22 18.68	− 7 45.0	1.920	2.804	12.4	22.0
7 30	22 14.02	− 8 7.7	1.843	2.793	9.0	21.8
8 9	22 7.64	− 8 41.7	1.788	2.782	5.2	21.5
8 19	22 0.15	− 9 23.8	1.760	2.771	1.4	21.2
8 29	21 52.41	−10 9.1	1.759	2.760	3.4	21.4
9 8	21 45.34	−10 52.5	1.784	2.750	7.5	21.6
9 18	21 39.73	−11 29.6	1.835	2.739	11.2	21.8
9 28	21 36.22	−11 57.1	1.907	2.730	14.4	22.0

129219 2005 NO_{99} 8 20.4 219°.32 2°.1/22.6 18

7 20	22 18.48	− 3 15.6	2.155	3.019	12.1	20.6
7 30	22 13.67	− 3 46.4	2.080	3.016	9.0	20.4
8 9	22 7.37	− 4 31.1	2.029	3.013	5.6	20.2
8 19	22 0.12	− 5 26.6	2.004	3.011	2.5	20.0
8 29	21 52.69	− 6 28.5	2.008	3.008	3.3	20.0
9 8	21 45.87	− 7 31.4	2.039	3.005	6.6	20.2
9 18	21 40.37	− 8 30.2	2.096	3.002	10.0	20.4
9 28	21 36.72	− 9 20.9	2.177	2.999	12.9	20.6

41144 1999 VA_{131} 8 20.4 131°.40 4°.1/24.8 18

7 20	22 18.25	+ 2 51.2	2.378	3.210	12.1	19.3
7 30	22 13.36	+ 2 46.6	2.305	3.213	9.6	19.2
8 9	22 7.14	+ 2 26.4	2.255	3.217	6.8	19.0
8 19	22 0.09	+ 1 52.0	2.231	3.220	4.6	18.9
8 29	21 52.91	+ 1 6.2	2.234	3.223	4.4	18.9
9 8	21 46.31	+ 0 13.5	2.265	3.227	6.4	19.0
9 18	21 40.90	− 0 41.7	2.323	3.230	9.1	19.2
9 28	21 37.18	− 1 34.5	2.404	3.233	11.6	19.4

44955 1999 VS_{72} 8 20.4 149°.17 1°.2/21.6 18

7 20	22 21.66	− 6 42.4	2.123	2.994	11.9	19.3
7 30	22 15.87	− 7 5.3	2.058	3.001	8.7	19.1
8 9	22 8.53	− 7 38.8	2.018	3.008	5.1	18.9
8 19	22 0.27	− 8 19.5	2.004	3.014	1.6	18.7
8 29	21 51.90	− 9 3.3	2.019	3.020	3.2	18.8
9 8	21 44.25	− 9 45.6	2.062	3.025	6.8	19.1
9 18	21 38.05	−10 22.4	2.131	3.030	10.1	19.3
9 28	21 33.81	−10 50.9	2.223	3.034	13.0	19.5

85569 1998 BG_{18} 8 20.4 280.°47 1.°1/19.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 19.59	−13 3.5	2.019	2.913	11.4	20.0
7 30	22 14.57	−13 46.0	1.951	2.909	8.1	19.7
8 9	22 7.90	−14 35.4	1.907	2.905	4.3	19.5
8 19	22 0.20	−15 27.0	1.889	2.900	1.1	19.3
8 29	21 52.32	−16 15.5	1.900	2.896	4.0	19.5
9 8	21 45.14	−16 56.1	1.937	2.892	7.8	19.7
9 18	21 39.44	−17 25.4	2.000	2.888	11.2	19.9
9 28	21 35.77	−17 41.9	2.084	2.884	14.1	20.1

257183 2008 JP_{39} 8 20.4 317.°78 5.°0/25.3 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 17.55	+ 4 19.7	2.101	2.933	13.5	20.4
7 30	22 13.09	+ 4 19.2	2.022	2.927	10.8	20.2
8 9	22 7.09	+ 4 0.2	1.964	2.921	8.0	20.1
8 19	22 0.12	+ 3 23.5	1.930	2.915	5.6	19.9
8 29	21 52.92	+ 2 32.1	1.923	2.910	5.2	19.9
9 8	21 46.31	+ 1 30.9	1.943	2.904	7.2	20.0
9 18	21 41.01	+ 0 25.5	1.988	2.899	10.1	20.2
9 28	21 37.59	− 0 38.0	2.057	2.894	12.9	20.3

461885 2006 KE_{8} 8 20.4 44.°07 0.°8/19.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 23.27	−11 28.4	1.018	1.935	18.0	20.4
7 30	22 17.90	−12 7.7	0.986	1.954	12.7	20.2
8 9	22 9.89	−12 59.3	0.973	1.974	6.8	19.9
8 19	22 0.45	−13 54.9	0.983	1.995	1.0	19.6
8 29	21 51.17	−14 45.1	1.016	2.016	5.5	20.0
9 8	21 43.56	−15 22.8	1.071	2.038	10.9	20.4
9 18	21 38.65	−15 44.0	1.147	2.061	15.6	20.7
9 28	21 36.96	−15 47.7	1.241	2.084	19.4	21.0

153256 2001 BR_{57} 8 20.4 132.°13 3.°3/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 17.87	+ 2 22.5	2.793	3.619	10.7	20.6
7 30	22 12.90	+ 2 3.6	2.724	3.631	8.3	20.5
8 9	22 6.81	+ 1 31.4	2.680	3.643	5.8	20.3
8 19	22 0.07	+ 0 47.5	2.662	3.654	3.8	20.2
8 29	21 53.26	− 0 5.1	2.674	3.665	3.6	20.2
9 8	21 46.96	− 1 2.4	2.714	3.675	5.5	20.3
9 18	21 41.69	− 2 0.4	2.782	3.685	7.9	20.5
9 28	21 37.86	− 2 55.2	2.874	3.694	10.1	20.7

292178 2006 SF_{18} 8 20.4 33.°02 1.°6/19.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 20.26	−11 40.9	1.217	2.129	16.0	19.9
7 30	22 15.72	−12 52.4	1.168	2.135	11.3	19.7
8 9	22 8.77	−14 17.0	1.141	2.141	6.0	19.4
8 19	22 0.34	−15 45.8	1.136	2.148	1.6	19.1
8 29	21 51.76	−17 8.0	1.157	2.155	5.7	19.4
9 8	21 44.42	−18 15.0	1.201	2.162	10.8	19.8
9 18	21 39.37	−19 1.4	1.267	2.170	15.3	20.0
9 28	21 37.29	−19 25.7	1.351	2.178	19.0	20.3

522987 2016 PD_{119} 8 20.4 283.°21 4.°4/17.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 26.29	−22 20.4	1.641	2.545	13.0	21.4
7 30	22 19.78	−22 52.3	1.572	2.532	9.5	21.1
8 9	22 10.94	−23 22.7	1.526	2.519	5.9	20.9
8 19	22 0.63	−23 44.9	1.505	2.506	4.5	20.8
8 29	21 50.04	−23 53.0	1.511	2.493	7.0	20.9
9 8	21 40.49	−23 43.7	1.542	2.480	10.8	21.1
9 18	21 33.02	−23 16.8	1.596	2.467	14.5	21.3
9 28	21 28.36	−22 34.0	1.670	2.454	17.7	21.5

72956 2002 CU_{100} 8 20.4 28.°90 2.°0/19.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 24.57	−15 8.9	1.103	2.021	16.9	19.0
7 30	22 18.92	−15 30.7	1.058	2.027	11.9	18.8
8 9	22 10.55	−15 59.2	1.033	2.034	6.5	18.5
8 19	22 0.57	−16 27.6	1.031	2.042	2.0	18.3
8 29	21 50.56	−16 48.4	1.052	2.050	6.0	18.5
9 8	21 42.09	−16 56.4	1.096	2.059	11.3	18.9
9 18	21 36.30	−16 49.5	1.161	2.069	15.9	19.2
9 28	21 33.83	−16 27.7	1.244	2.079	19.8	19.5

150271 1999 RO_{202} 8 20.4 333.°99 0.°5/20.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 23.90	−14 4.7	1.785	2.679	12.7	19.2
7 30	22 17.82	−13 52.0	1.712	2.669	9.1	19.0
8 9	22 9.76	−13 43.2	1.662	2.659	5.0	18.7
8 19	22 0.48	−13 35.4	1.638	2.650	0.7	18.4
8 29	21 50.98	−13 25.4	1.642	2.642	4.0	18.7
9 8	21 42.36	−13 10.5	1.673	2.633	8.3	18.9
9 18	21 35.51	−12 49.4	1.728	2.626	12.1	19.1
9 28	21 31.07	−12 21.0	1.804	2.619	15.4	19.3

511270 2014 DB_{1} 8 20.4 233.°29 0.°5/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 21.77	− 8 27.8	2.121	2.998	11.7	22.6
7 30	22 16.14	− 9 2.2	2.038	2.985	8.5	22.4
8 9	22 8.81	− 9 47.0	1.979	2.972	4.8	22.2
8 19	22 0.36	−10 38.7	1.947	2.958	0.9	21.8
8 29	21 51.63	−11 32.2	1.944	2.944	3.3	22.0
9 8	21 43.49	−12 22.5	1.968	2.929	7.3	22.2
9 18	21 36.75	−13 5.3	2.019	2.913	10.9	22.4
9 28	21 32.04	−13 37.7	2.093	2.897	13.9	22.6

513461 2009 AE_{49} 8 20.4 246.°44 5.°7/15.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 25.82	−28 12.9	2.203	3.095	10.7	21.9
7 30	22 19.09	−29 7.5	2.131	3.079	8.1	21.8
8 9	22 10.44	−29 57.0	2.085	3.062	6.1	21.6
8 19	22 0.57	−30 35.2	2.065	3.044	5.9	21.6
8 29	21 50.44	−30 56.5	2.073	3.026	7.6	21.6
9 8	21 41.09	−30 58.3	2.107	3.007	10.3	21.8
9 18	21 33.40	−30 40.7	2.164	2.988	13.0	21.9
9 28	21 28.02	−30 5.4	2.242	2.968	15.4	22.1

277542 2005 YG_{72} 8 20.4 110.°49 0.°1/20.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 23.72	−10 24.9	1.745	2.633	13.3	20.3
7 30	22 17.56	−10 46.4	1.689	2.643	9.5	20.1
8 9	22 9.55	−11 16.9	1.656	2.652	5.2	19.8
8 19	22 0.45	−11 52.1	1.650	2.661	0.7	19.5
8 29	21 51.28	−12 26.8	1.670	2.670	3.8	19.8
9 8	21 43.07	−12 56.2	1.718	2.679	8.0	20.1
9 18	21 36.67	−13 17.1	1.790	2.688	11.8	20.3
9 28	21 32.63	−13 27.5	1.884	2.696	14.9	20.6

146329 2001 NJ_{8} 8 20.4 120.°69 2.°3/22.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 23.93	− 5 11.8	1.624	2.500	14.7	20.2
7 30	22 17.85	− 5 19.2	1.563	2.507	10.9	19.9
8 9	22 9.77	− 5 40.8	1.526	2.514	6.6	19.7
8 19	22 0.49	− 6 13.7	1.513	2.521	2.7	19.5
8 29	21 51.07	− 6 52.9	1.527	2.527	4.0	19.6
9 8	21 42.64	− 7 32.7	1.567	2.534	8.2	19.9
9 18	21 36.10	− 8 8.3	1.632	2.540	12.1	20.1
9 28	21 32.07	− 8 35.6	1.718	2.546	15.5	20.4

423398 2005 LV_{6} 8 20.4 23.°36 2.°2/19.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 20.60	−14 19.1	1.055	1.979	16.9	20.3
7 30	22 16.13	−15 3.9	1.015	1.987	11.9	20.0
8 9	22 9.03	−15 57.9	0.994	1.996	6.4	19.8
8 19	22 0.39	−16 52.3	0.996	2.006	2.2	19.6
8 29	21 51.73	−17 38.0	1.020	2.018	6.2	19.8
9 8	21 44.55	−18 8.1	1.066	2.030	11.5	20.2
9 18	21 39.94	−18 19.4	1.133	2.044	16.1	20.5
9 28	21 38.52	−18 11.7	1.218	2.058	19.9	20.8

52541 1996 VB 8 20.4 8.°94 0.°4/20.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 20.07	− 9 27.5	1.828	2.717	12.7	19.2
7 30	22 15.00	− 9 51.1	1.764	2.718	9.1	19.0
8 9	22 8.18	−10 24.7	1.723	2.718	5.1	18.8
8 19	22 0.30	−11 4.2	1.708	2.719	0.9	18.5
8 29	21 52.26	−11 44.7	1.719	2.720	3.6	18.7
9 8	21 45.02	−12 21.1	1.758	2.722	7.7	18.9
9 18	21 39.39	−12 49.7	1.821	2.723	11.4	19.2
9 28	21 35.94	−13 7.8	1.906	2.725	14.5	19.4

379791 2011 HH_{71} 8 20.4 146.°11 4.°5/16.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 23.45	−21 44.7	1.854	2.757	11.8	21.3
7 30	22 17.43	−23 0.1	1.804	2.763	8.5	21.1
8 9	22 9.52	−24 15.1	1.778	2.770	5.5	20.9
8 19	22 0.47	−25 22.3	1.779	2.776	4.6	20.9
8 29	21 51.31	−26 14.9	1.808	2.781	6.9	21.0
9 8	21 43.09	−26 48.8	1.862	2.786	10.1	21.2
9 18	21 36.68	−27 2.8	1.939	2.791	13.2	21.4
9 28	21 32.65	−26 58.0	2.037	2.795	15.8	21.6

220884 2004 XM_{84} 8 20.4 255.°93 0.°2/20.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 18.60	−11 4.6	2.531	3.413	9.8	20.9
7 30	22 13.65	−11 37.0	2.449	3.401	7.0	20.7
8 9	22 7.36	−12 16.3	2.393	3.389	3.8	20.5
8 19	22 0.20	−12 59.1	2.364	3.376	0.5	20.2
8 29	21 52.84	−13 41.5	2.365	3.363	3.0	20.4
9 8	21 45.99	−14 19.8	2.393	3.350	6.4	20.6
9 18	21 40.27	−14 50.7	2.448	3.337	9.4	20.8
9 28	21 36.19	−15 12.4	2.526	3.324	12.0	20.9

146276 2001 FG_{40} 8 20.4 38.°41 0.°4/20.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 22.75	−11 14.3	1.135	2.046	16.9	19.1
7 30	22 17.46	−11 40.7	1.094	2.060	12.0	18.9
8 9	22 9.69	−12 18.9	1.074	2.074	6.5	18.6
8 19	22 0.49	−13 2.2	1.077	2.089	0.8	18.3
8 29	21 51.34	−13 42.9	1.104	2.105	5.0	18.7
9 8	21 43.65	−14 14.2	1.154	2.121	10.3	19.0
9 18	21 38.45	−14 32.2	1.225	2.138	14.9	19.3
9 28	21 36.32	−14 35.2	1.315	2.155	18.6	19.6

167483 2003 YR_{58} 8 20.5 279.°22 1.°8/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 20.61	− 5 28.4	1.905	2.779	12.9	20.3
7 30	22 15.51	− 5 44.8	1.818	2.761	9.6	20.0
8 9	22 8.56	− 6 14.5	1.753	2.742	5.9	19.8
8 19	22 0.38	− 6 54.9	1.714	2.723	2.3	19.5
8 29	21 51.81	− 7 41.6	1.703	2.703	3.6	19.6
9 8	21 43.86	− 8 29.2	1.718	2.684	7.6	19.8
9 18	21 37.40	− 9 12.8	1.758	2.665	11.5	20.0
9 28	21 33.13	− 9 48.2	1.821	2.645	14.9	20.1

358796 2008 EK_{45} 8 20.5 13°.32 3°.7/17.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 22.52	−21 14.9	1.745	2.652	12.3	20.0
7 30	22 16.80	−21 42.6	1.692	2.654	8.8	19.8
8 9	22 9.17	−22 9.2	1.663	2.658	5.3	19.6
8 19	22 0.43	−22 29.3	1.658	2.661	3.7	19.5
8 29	21 51.65	−22 38.0	1.681	2.666	6.1	19.6
9 8	21 43.89	−22 32.5	1.729	2.670	9.6	19.9
9 18	21 37.98	−22 12.5	1.800	2.676	12.9	20.1
9 28	21 34.49	−21 38.9	1.892	2.681	15.7	20.3

400744 2009 UL_{128} 8 20.5 304°.39 5°.3/24.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 20.36	+ 2 57.6	2.150	2.983	13.2	20.6
7 30	22 15.23	+ 3 29.5	2.050	2.957	10.7	20.4
8 9	22 8.39	+ 3 46.5	1.972	2.930	7.9	20.2
8 19	22 0.36	+ 3 48.0	1.920	2.904	5.7	20.0
8 29	21 51.91	+ 3 34.8	1.894	2.878	5.6	19.9
9 8	21 43.90	+ 3 10.0	1.894	2.851	7.8	20.0
9 18	21 37.18	+ 2 37.8	1.921	2.825	10.8	20.1
9 28	21 32.42	+ 2 3.3	1.969	2.800	13.7	20.3

513643 2011 RV_{4} 8 20.5 328°.11 2°.4/22.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 18.49	− 3 40.4	1.676	2.554	14.2	21.6
7 30	22 14.08	− 4 3.2	1.603	2.547	10.7	21.3
8 9	22 7.79	− 4 42.8	1.552	2.540	6.7	21.1
8 19	22 0.28	− 5 36.0	1.526	2.533	2.9	20.8
8 29	21 52.50	− 6 37.5	1.525	2.526	3.9	20.9
9 8	21 45.48	− 7 40.4	1.551	2.520	8.0	21.1
9 18	21 40.11	− 8 38.5	1.601	2.515	11.9	21.3
9 28	21 37.05	− 9 26.8	1.672	2.510	15.4	21.6

403141 2008 EG_{124} 8 20.5 89°.90 2°.9/23.5 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 18.50	− 0 41.7	2.191	3.043	12.3	21.9
7 30	22 13.60	− 1 8.0	2.129	3.056	9.3	21.7
8 9	22 7.31	− 1 49.0	2.091	3.068	6.1	21.5
8 19	22 0.20	− 2 42.2	2.079	3.080	3.3	21.4
8 29	21 53.01	− 3 43.1	2.094	3.092	3.5	21.4
9 8	21 46.49	− 4 46.5	2.138	3.104	6.4	21.6
9 18	21 41.28	− 5 47.5	2.208	3.116	9.4	21.8
9 28	21 37.86	− 6 41.7	2.301	3.127	12.1	22.0

351837 2006 QJ_{103} 8 20.5 254°.80 0°.5/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 23.70	−13 6.4	2.121	3.007	11.3	21.2
7 30	22 17.49	−13 15.1	2.041	2.994	8.1	21.0
8 9	22 9.55	−13 28.9	1.986	2.982	4.4	20.8
8 19	22 0.51	−13 44.5	1.957	2.969	0.6	20.4
8 29	21 51.22	−13 58.2	1.958	2.956	3.6	20.7
9 8	21 42.62	−14 6.8	1.986	2.943	7.5	20.9
9 18	21 35.50	−14 8.1	2.040	2.929	11.0	21.1
9 28	21 30.48	−14 0.6	2.116	2.916	14.0	21.2

288858 2004 RO_{217} 8 20.5 348°.12 0°.2/20.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 23.99	−12 17.6	1.909	2.797	12.3	19.3
7 30	22 17.74	−12 1.2	1.840	2.793	8.8	19.1
8 9	22 9.68	−11 49.9	1.794	2.790	4.9	18.8
8 19	22 0.52	−11 41.2	1.775	2.787	0.7	18.5
8 29	21 51.22	−11 32.4	1.784	2.784	3.6	18.7
9 8	21 42.77	−11 20.9	1.820	2.782	7.6	19.0
9 18	21 35.98	−11 5.0	1.882	2.781	11.3	19.2
9 28	21 31.45	−10 43.5	1.965	2.779	14.4	19.4

343449 2010 ER_{33} 8 20.5 249°.41 1°.1/21.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 20.30	− 6 18.0	1.923	2.800	12.7	21.3
7 30	22 15.23	− 6 57.6	1.843	2.789	9.3	21.1
8 9	22 8.39	− 7 51.0	1.786	2.778	5.4	20.8
8 19	22 0.37	− 8 54.2	1.755	2.766	1.5	20.5
8 29	21 52.05	−10 1.7	1.752	2.753	3.5	20.7
9 8	21 44.38	−11 7.0	1.777	2.741	7.6	20.9
9 18	21 38.20	−12 4.9	1.826	2.728	11.4	21.1
9 28	21 34.16	−12 51.4	1.898	2.715	14.7	21.3

258666 2002 EM_{102} 8 20.5 49°.12 1°.1/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 30.76	−17 7.2	1.873	2.759	12.6	19.5
7 30	22 22.29	−16 37.5	1.823	2.776	8.9	19.3
8 9	22 12.02	−16 8.2	1.797	2.793	4.8	19.1
8 19	22 0.82	−15 36.6	1.800	2.811	1.2	18.9
8 29	21 49.78	−15 1.0	1.832	2.829	4.1	19.1
9 8	21 39.96	−14 20.7	1.892	2.847	7.9	19.4
9 18	21 32.13	−13 35.7	1.979	2.865	11.4	19.7
9 28	21 26.79	−12 46.7	2.088	2.884	14.2	19.9

39838 1998 BK_{19} 8 20.5 126°.11 1°.0/19.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 22.19	−10 46.8	1.430	2.330	14.8	18.5
7 30	22 16.91	−11 53.0	1.373	2.334	10.5	18.3
8 9	22 9.41	−13 12.0	1.339	2.337	5.7	18.0
8 19	22 0.51	−14 36.3	1.329	2.341	1.1	17.7
8 29	21 51.42	−15 56.8	1.346	2.344	5.0	18.0
9 8	21 43.39	−17 5.2	1.388	2.347	9.8	18.3
9 18	21 37.42	−17 56.4	1.453	2.350	14.1	18.6
9 28	21 34.21	−18 28.3	1.538	2.353	17.6	18.8

219113 1998 SF_{85} 8 20.5 323°.38 5°.3/16.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 22.76	−26 7.8	1.922	2.825	11.5	19.7
7 30	22 17.03	−26 46.3	1.856	2.813	8.5	19.5
8 9	22 9.37	−27 20.4	1.814	2.800	6.0	19.3
8 19	22 0.51	−27 44.0	1.798	2.788	5.4	19.2
8 29	21 51.47	−27 52.0	1.809	2.777	7.4	19.3
9 8	21 43.31	−27 41.9	1.844	2.765	10.4	19.5
9 18	21 36.92	−27 13.7	1.903	2.755	13.4	19.7
9 28	21 32.91	−26 29.3	1.981	2.744	16.0	19.8

516970 2012 FU_{65} 8 20.5 222°.89 1°.2/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 16.93	− 5 2.9	2.563	3.429	10.3	21.9
7 30	22 12.44	− 5 48.2	2.485	3.425	7.6	21.7
8 9	22 6.69	− 6 44.7	2.432	3.420	4.5	21.5
8 19	22 0.17	− 7 49.2	2.407	3.416	1.5	21.3
8 29	21 53.47	− 8 57.4	2.411	3.412	2.7	21.4
9 8	21 47.27	−10 4.5	2.444	3.407	5.8	21.6
9 18	21 42.14	−11 6.2	2.503	3.403	8.8	21.8
9 28	21 38.57	−11 59.1	2.587	3.398	11.4	21.9

189812 2002 NQ_{4} 8 20.5 301°.03 5°.7/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 20.04	+ 5 31.2	2.318	3.133	12.9	19.3
7 30	22 14.80	+ 6 4.5	2.234	3.125	10.6	19.1
8 9	22 8.07	+ 6 21.9	2.172	3.117	8.1	18.9
8 19	22 0.36	+ 6 23.0	2.135	3.108	6.2	18.8
8 29	21 52.40	+ 6 8.9	2.125	3.100	5.8	18.8
9 8	21 44.98	+ 5 42.5	2.142	3.092	7.4	18.8
9 18	21 38.79	+ 5 8.0	2.184	3.085	9.9	19.0
9 28	21 34.40	+ 4 30.3	2.250	3.077	12.3	19.1

323699 2005 GP_{116} 8 20.5 61°.27 4°.4/23.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 21.36	+ 0 18.8	1.385	2.255	17.1	21.2
7 30	22 16.32	+ 0 6.5	1.326	2.260	13.2	21.0
8 9	22 9.09	− 0 28.8	1.288	2.267	8.9	20.7
8 19	22 0.50	− 1 24.3	1.272	2.273	5.1	20.5
8 29	21 51.71	− 2 34.0	1.281	2.279	5.2	20.6
9 8	21 43.98	− 3 49.3	1.315	2.286	9.0	20.8
9 18	21 38.30	− 5 1.9	1.373	2.292	13.1	21.1
9 28	21 35.33	− 6 4.9	1.451	2.299	16.8	21.3

253425 2003 QA_{53} 8 20.5 4°.84 4°.9/17.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 14.92	−18 27.6	0.768	1.716	18.4	19.1
7 30	22 12.79	−19 19.7	0.731	1.714	13.1	18.9
8 9	22 7.52	−20 16.8	0.711	1.714	7.6	18.6
8 19	22 0.31	−21 7.3	0.710	1.717	5.0	18.4
8 29	21 52.99	−21 39.8	0.727	1.722	8.9	18.7
9 8	21 47.38	−21 47.4	0.764	1.730	14.3	19.0
9 18	21 44.74	−21 28.9	0.817	1.740	19.2	19.3
9 28	21 45.71	−20 46.3	0.886	1.752	23.3	19.7

186978 2004 RL_{257} 8 20.5 19°.47 1°.3/19.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 19.31	−13 53.7	1.802	2.703	12.2	20.2
7 30	22 14.49	−14 30.8	1.746	2.707	8.6	20.0
8 9	22 7.94	−15 14.1	1.713	2.712	4.6	19.7
8 19	22 0.36	−15 58.7	1.706	2.717	1.3	19.5
8 29	21 52.67	−16 38.8	1.726	2.723	4.3	19.7
9 8	21 45.84	−17 9.9	1.772	2.729	8.2	20.0
9 18	21 40.64	−17 29.2	1.842	2.735	11.8	20.2
9 28	21 37.62	−17 35.3	1.934	2.742	14.8	20.4

477827 2011 EU_{52} 8 20.5 48°.45 2°.2/22.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 20.15	− 1 33.4	1.291	2.173	17.3	20.2
7 30	22 15.27	− 2 51.2	1.259	2.205	12.7	20.0
8 9	22 8.37	− 4 31.0	1.249	2.238	7.7	19.8
8 19	22 0.40	− 6 24.3	1.262	2.271	2.9	19.6
8 29	21 52.57	− 8 20.3	1.302	2.304	4.1	19.8
9 8	21 46.02	−10 8.2	1.367	2.337	8.7	20.1
9 18	21 41.56	−11 40.2	1.456	2.371	12.8	20.4
9 28	21 39.68	−12 51.9	1.566	2.405	16.2	20.8

498431 2008 AY_{75} 8 20.5 147°.24 0°.2/20.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 24.08	− 9 12.5	1.666	2.552	13.9	22.4
7 30	22 17.99	− 9 49.0	1.607	2.559	9.9	22.2
8 9	22 9.91	−10 36.9	1.570	2.565	5.5	22.0
8 19	22 0.62	−11 31.1	1.560	2.571	0.8	21.7
8 29	21 51.20	−12 25.2	1.577	2.577	3.9	21.9
9 8	21 42.74	−13 13.3	1.620	2.582	8.4	22.2
9 18	21 36.15	−13 51.1	1.688	2.587	12.4	22.4
9 28	21 32.04	−14 15.9	1.777	2.591	15.7	22.7

340497 2006 HT_{106} 8 20.5 154°.54 0°.1/20.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 21.02	− 9 17.3	2.014	2.897	12.0	21.6
7 30	22 15.57	−10 2.2	1.950	2.901	8.6	21.4
8 9	22 8.50	−10 57.1	1.911	2.906	4.7	21.1
8 19	22 0.44	−11 57.2	1.898	2.910	0.6	20.8
8 29	21 52.23	−12 57.1	1.914	2.914	3.5	21.1
9 8	21 44.78	−13 51.4	1.957	2.917	7.4	21.3
9 18	21 38.81	−14 36.1	2.026	2.920	10.8	21.5
9 28	21 34.88	−15 8.5	2.118	2.923	13.8	21.7

320241 2007 JH_{35} 8 20.5 122°.28 9°.1/ 3.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 18.14	+24 12.6	2.796	3.464	14.1	20.7
7 30	22 13.27	+24 32.5	2.722	3.474	12.7	20.6
8 9	22 7.14	+24 29.3	2.667	3.485	11.3	20.5
8 19	22 0.26	+24 1.6	2.632	3.495	10.0	20.5
8 29	21 53.26	+23 10.1	2.620	3.504	9.2	20.4
9 8	21 46.79	+21 57.9	2.632	3.514	9.2	20.4
9 18	21 41.43	+20 30.1	2.669	3.523	9.9	20.5
9 28	21 37.66	+18 52.9	2.731	3.532	11.1	20.6

169962 2002 TZ_{119} 8 20.5 263°.00 1°.3/21.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 22.68	− 7 53.0	2.094	2.968	11.9	20.2
7 30	22 16.85	− 7 55.9	2.007	2.952	8.8	20.0
8 9	22 9.28	− 8 8.0	1.945	2.935	5.2	19.7
8 19	22 0.56	− 8 27.0	1.909	2.919	1.6	19.4
8 29	21 51.53	− 8 49.5	1.902	2.902	3.3	19.5
9 8	21 43.12	− 9 11.6	1.922	2.885	7.2	19.7
9 18	21 36.13	− 9 29.9	1.968	2.868	10.8	19.9
9 28	21 31.20	− 9 41.7	2.037	2.850	13.9	20.1

222204 2000 DX_{116} 8 20.5 294°.68 0°.2/20.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 20.84	−12 10.0	2.226	3.112	10.8	20.2
7 30	22 15.42	−12 20.3	2.146	3.099	7.8	20.0
8 9	22 8.43	−12 36.3	2.091	3.087	4.3	19.7
8 19	22 0.46	−12 55.0	2.063	3.074	0.5	19.4
8 29	21 52.26	−13 13.0	2.063	3.062	3.3	19.6
9 8	21 44.68	−13 26.9	2.090	3.050	7.0	19.8
9 18	21 38.43	−13 34.2	2.144	3.037	10.3	20.0
9 28	21 34.11	−13 33.3	2.220	3.025	13.2	20.2

441069 2007 RQ_{58} 8 20.5 330°.27 8°.9/25.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 21.07	+ 6 34.9	1.475	2.313	17.9	19.7
7 30	22 16.31	+ 7 44.0	1.396	2.298	15.0	19.5
8 9	22 9.25	+ 8 31.0	1.336	2.283	11.9	19.2
8 19	22 0.59	+ 8 52.7	1.298	2.269	9.5	19.1
8 29	21 51.42	+ 8 48.3	1.283	2.256	9.1	19.0
9 8	21 43.02	+ 8 21.6	1.291	2.244	11.0	19.1
9 18	21 36.51	+ 7 39.0	1.321	2.233	14.1	19.3
9 28	21 32.76	+ 6 48.8	1.371	2.222	17.4	19.4

91779 1999 TL_{208} 8 20.5 264°.71 3°.1/17.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 24.36	−21 40.0	2.286	3.179	10.3	19.1
7 30	22 17.87	−21 57.9	2.215	3.171	7.4	18.9
8 9	22 9.74	−22 14.3	2.169	3.162	4.5	18.7
8 19	22 0.63	−22 24.9	2.151	3.154	3.1	18.6
8 29	21 51.38	−22 26.2	2.162	3.145	5.1	18.7
9 8	21 42.88	−22 16.1	2.200	3.136	8.1	18.9
9 18	21 35.88	−21 53.9	2.264	3.127	11.1	19.0
9 28	21 30.92	−21 20.5	2.349	3.118	13.6	19.2

135528 2002 AY_{181} 8 20.5 210°.39 6°.2/22.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 33.42	− 1 41.9	1.274	2.138	18.7	19.7
7 30	22 25.35	− 0 29.3	1.205	2.135	14.6	19.5
8 9	22 14.30	+ 0 27.3	1.156	2.131	10.1	19.2
8 19	22 1.26	+ 1 5.7	1.131	2.127	6.6	19.0
8 29	21 47.76	+ 1 25.8	1.131	2.122	7.2	19.0
9 8	21 35.52	+ 1 31.0	1.157	2.117	11.1	19.2
9 18	21 25.91	+ 1 26.4	1.205	2.112	15.6	19.5
9 28	21 19.83	+ 1 18.4	1.272	2.106	19.5	19.7

333156 2012 BP_{68} 8 20.5 111°.81 1°.1/19.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 24.72	−12 32.2	1.366	2.269	15.2	20.9
7 30	22 18.81	−13 8.4	1.310	2.272	10.8	20.6
8 9	22 10.51	−13 54.3	1.276	2.275	5.9	20.4
8 19	22 0.74	−14 43.5	1.266	2.278	1.1	20.1
8 29	21 50.81	−15 28.6	1.282	2.281	5.0	20.4
9 8	21 42.06	−16 3.1	1.323	2.284	10.0	20.6
9 18	21 35.55	−16 23.6	1.386	2.286	14.4	20.9
9 28	21 31.99	−16 28.5	1.469	2.289	18.1	21.2

200500 2001 AY_{7} 8 20.5 329°.13 8°.7/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 20.94	+ 6 29.8	1.462	2.301	18.0	19.2
7 30	22 16.21	+ 7 30.0	1.385	2.288	15.0	18.9
8 9	22 9.19	+ 8 7.2	1.327	2.276	11.8	18.7
8 19	22 0.59	+ 8 18.4	1.290	2.264	9.3	18.5
8 29	21 51.53	+ 8 3.8	1.277	2.253	8.8	18.5
9 8	21 43.26	+ 7 27.7	1.287	2.243	10.8	18.6
9 18	21 36.91	+ 6 37.1	1.319	2.233	14.0	18.7
9 28	21 33.30	+ 5 40.6	1.371	2.224	17.3	18.9

211050 2002 CL_{52} 8 20.5 154°.01 0°.5/20.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 26.28	−11 27.5	1.690	2.578	13.6	21.5
7 30	22 19.54	−12 0.7	1.632	2.586	9.7	21.3
8 9	22 10.76	−12 42.6	1.596	2.593	5.3	21.0
8 19	22 0.77	−13 28.0	1.588	2.599	0.7	20.7
8 29	21 50.67	−14 11.0	1.606	2.605	4.2	21.0
9 8	21 41.58	−14 46.2	1.652	2.610	8.6	21.3
9 18	21 34.42	−15 10.4	1.723	2.615	12.5	21.5
9 28	21 29.80	−15 22.0	1.814	2.619	15.8	21.7

352183 2007 RM_{173} 8 20.5 271°.43 0°.7/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 20.71	−11 35.7	1.968	2.858	11.9	21.2
7 30	22 15.59	−12 20.1	1.883	2.839	8.5	20.9
8 9	22 8.67	−13 14.0	1.823	2.820	4.6	20.7
8 19	22 0.52	−14 12.6	1.789	2.800	0.8	20.3
8 29	21 52.01	−15 10.2	1.783	2.781	4.0	20.5
9 8	21 44.11	−16 1.0	1.804	2.761	8.1	20.8
9 18	21 37.68	−16 40.8	1.850	2.741	11.9	20.9
9 28	21 33.41	−17 7.0	1.918	2.720	15.1	21.1

322387 2011 QT_{35} 8 20.5 302°.69 0°.2/20.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 19.06	− 9 40.2	1.799	2.691	12.7	20.6
7 30	22 14.45	−10 28.3	1.727	2.683	9.1	20.3
8 9	22 8.03	−11 28.1	1.678	2.675	5.0	20.1
8 19	22 0.44	−12 34.5	1.656	2.667	0.6	19.7
8 29	21 52.59	−13 41.0	1.660	2.660	3.9	20.0
9 8	21 45.46	−14 41.2	1.691	2.652	8.1	20.2
9 18	21 39.91	−15 30.3	1.746	2.645	12.0	20.4
9 28	21 36.58	−16 5.1	1.823	2.638	15.3	20.7

241023 2006 QA_{36} 8 20.5 5°.28 3°.4/22.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 20.12	− 5 11.8	1.288	2.182	16.6	18.9
7 30	22 15.58	− 4 43.6	1.231	2.182	12.4	18.7
8 9	22 8.76	− 4 31.1	1.194	2.184	7.9	18.4
8 19	22 0.53	− 4 32.7	1.180	2.186	3.9	18.2
8 29	21 52.13	− 4 44.8	1.190	2.191	4.9	18.3
9 8	21 44.84	− 5 2.1	1.223	2.196	9.2	18.6
9 18	21 39.67	− 5 19.2	1.279	2.203	13.5	18.8
9 28	21 37.31	− 5 31.4	1.354	2.211	17.3	19.1

383980 2008 TB_{115} 8 20.5 226°.48 7°.4/27.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 20.74	+ 9 27.0	1.899	2.704	15.7	20.9
7 30	22 15.59	+ 9 46.4	1.821	2.700	13.1	20.7
8 9	22 8.65	+ 9 42.7	1.763	2.696	10.4	20.5
8 19	22 0.53	+ 9 15.0	1.727	2.692	8.1	20.4
8 29	21 52.12	+ 8 25.3	1.717	2.688	7.5	20.4
9 8	21 44.40	+ 7 18.7	1.733	2.683	8.9	20.4
9 18	21 38.19	+ 6 2.2	1.773	2.679	11.5	20.6
9 28	21 34.16	+ 4 43.5	1.836	2.674	14.3	20.8

504400 2007 VA_{323} 8 20.5 316°.82 5°.4/17.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 24.25	−21 19.9	1.108	2.031	16.3	20.6
7 30	22 19.31	−22 2.4	1.040	2.010	11.9	20.3
8 9	22 11.21	−22 46.5	0.992	1.989	7.4	20.0
8 19	22 0.90	−23 22.2	0.965	1.969	5.5	19.8
8 29	21 50.00	−23 40.0	0.962	1.949	8.8	20.0
9 8	21 40.37	−23 33.8	0.979	1.930	13.9	20.2
9 18	21 33.51	−23 3.0	1.016	1.912	18.8	20.4
9 28	21 30.40	−22 9.9	1.070	1.896	23.0	20.6

253884 2004 BC_{47} 8 20.5 203°.93 1°.1/21.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 24.39	− 7 31.4	1.871	2.747	13.1	21.6
7 30	22 18.18	− 7 53.7	1.797	2.742	9.5	21.4
8 9	22 10.06	− 8 27.6	1.746	2.737	5.5	21.1
8 19	22 0.72	− 9 9.5	1.721	2.732	1.5	20.9
8 29	21 51.12	− 9 54.4	1.725	2.726	3.6	21.0
9 8	21 42.30	−10 37.1	1.756	2.719	7.8	21.2
9 18	21 35.13	−11 13.2	1.813	2.712	11.6	21.5
9 28	21 30.27	−11 39.6	1.891	2.703	14.9	21.7

513304 2007 CA_{10} 8 20.5 316°.01 1°.6/21.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 20.87	− 6 48.7	2.098	2.972	11.9	21.4
7 30	22 15.46	− 6 51.1	2.027	2.970	8.8	21.2
8 9	22 8.47	− 7 3.4	1.979	2.968	5.2	21.0
8 19	22 0.50	− 7 23.3	1.957	2.966	1.9	20.8
8 29	21 52.37	− 7 47.4	1.963	2.964	3.2	20.8
9 8	21 44.92	− 8 11.9	1.997	2.962	6.8	21.1
9 18	21 38.87	− 8 33.2	2.056	2.960	10.2	21.3
9 28	21 34.79	− 8 48.6	2.138	2.958	13.2	21.5

14804 1981 EW_{13} 8 20.5 170°.60 0°.9/21.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 23.45	− 7 51.7	1.733	2.615	13.6	19.2
7 30	22 17.54	− 8 16.0	1.668	2.617	9.9	18.9
8 9	22 9.71	− 8 52.3	1.626	2.619	5.7	18.7
8 19	22 0.67	− 9 36.4	1.609	2.620	1.4	18.4
8 29	21 51.45	−10 23.1	1.620	2.621	3.7	18.6
9 8	21 43.12	−11 6.6	1.658	2.622	8.0	18.9
9 18	21 36.54	−11 42.4	1.720	2.622	12.0	19.1
9 28	21 32.36	−12 7.6	1.804	2.622	15.3	19.3

111977 2002 GB_{93} 8 20.5 327°.52 8°.4/28.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 17.37	+10 49.3	1.575	2.391	18.0	19.0
7 30	22 13.50	+10 55.6	1.497	2.382	15.1	18.8
8 9	22 7.63	+10 32.2	1.437	2.374	12.1	18.6
8 19	22 0.42	+ 9 38.0	1.399	2.366	9.4	18.4
8 29	21 52.85	+ 8 15.9	1.384	2.358	8.4	18.3
9 8	21 46.03	+ 6 33.2	1.393	2.351	9.9	18.4
9 18	21 40.93	+ 4 40.0	1.426	2.345	12.8	18.6
9 28	21 38.28	+ 2 47.0	1.481	2.339	16.0	18.8

316541 2010 WV_{72} 8 20.5 7.°43 2.°7/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 17.79	− 3 17.8	1.730	2.606	13.9	20.1
7 30	22 13.50	− 3 30.4	1.666	2.607	10.5	19.9
8 9	22 7.48	− 3 58.7	1.623	2.609	6.6	19.6
8 19	22 0.38	− 4 39.9	1.605	2.611	3.2	19.4
8 29	21 53.12	− 5 29.3	1.614	2.614	3.9	19.5
9 8	21 46.65	− 6 20.9	1.648	2.618	7.5	19.7
9 18	21 41.76	− 7 9.4	1.707	2.622	11.2	19.9
9 28	21 39.04	− 7 49.9	1.787	2.627	14.5	20.2

239961 2001 JJ_{10} 8 20.5 107.°26 5.°2/15.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 23.99	−25 23.7	2.016	2.916	11.2	20.5
7 30	22 17.70	−26 35.1	1.977	2.932	8.2	20.4
8 9	22 9.67	−27 42.1	1.964	2.948	5.8	20.3
8 19	22 0.67	−28 38.0	1.978	2.964	5.4	20.3
8 29	21 51.68	−29 17.2	2.018	2.979	7.3	20.4
9 8	21 43.66	−29 37.2	2.085	2.994	10.0	20.6
9 18	21 37.37	−29 37.8	2.175	3.009	12.6	20.8
9 28	21 33.35	−29 21.0	2.284	3.023	14.8	21.0

367873 2011 DO_{30} 8 20.5 177.°32 4.°8/14.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 19.10	−28 24.0	2.851	3.745	8.5	20.9
7 30	22 14.00	−29 35.9	2.799	3.746	6.5	20.8
8 9	22 7.60	−30 43.4	2.773	3.746	5.0	20.7
8 19	22 0.41	−31 41.8	2.775	3.747	5.0	20.7
8 29	21 53.10	−32 26.7	2.805	3.747	6.5	20.8
9 8	21 46.35	−32 55.6	2.862	3.747	8.4	20.9
9 18	21 40.76	−33 8.0	2.942	3.747	10.4	21.1
9 28	21 36.81	−33 4.6	3.043	3.747	12.1	21.2

94411 2001 TA_{17} 8 20.5 319.°29 2.°3/21.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 20.91	− 6 55.3	1.057	1.965	18.2	19.5
7 30	22 16.87	− 6 51.1	0.984	1.945	13.6	19.2
8 9	22 9.88	− 7 5.3	0.930	1.926	8.2	18.8
8 19	22 0.77	− 7 35.1	0.897	1.907	2.9	18.5
8 29	21 50.98	− 8 14.2	0.886	1.889	5.2	18.5
9 8	21 42.24	− 8 54.5	0.896	1.871	11.2	18.8
9 18	21 36.04	− 9 28.4	0.927	1.855	16.8	19.1
9 28	21 33.42	− 9 50.0	0.974	1.840	21.7	19.3

240025 2001 UG_{52} 8 20.5 295.°45 2.°8/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 18.46	− 1 56.1	1.936	2.800	13.2	20.3
7 30	22 14.03	− 2 18.7	1.845	2.779	10.1	20.1
8 9	22 7.85	− 2 58.0	1.776	2.758	6.6	19.8
8 19	22 0.47	− 3 51.9	1.733	2.737	3.3	19.6
8 29	21 52.71	− 4 56.0	1.716	2.716	3.8	19.6
9 8	21 45.51	− 6 4.2	1.727	2.695	7.4	19.8
9 18	21 39.69	− 7 10.3	1.762	2.674	11.2	20.0
9 28	21 35.96	− 8 9.0	1.821	2.653	14.6	20.1

234227 2000 SR_{215} 8 20.5 281.°10 0.°2/20.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 21.35	− 9 21.8	1.705	2.595	13.4	21.4
7 30	22 16.31	− 9 57.2	1.622	2.576	9.7	21.1
8 9	22 9.20	−10 45.0	1.561	2.557	5.5	20.8
8 19	22 0.68	−11 40.7	1.526	2.537	0.8	20.5
8 29	21 51.73	−12 38.3	1.517	2.518	4.0	20.7
9 8	21 43.47	−13 31.2	1.535	2.498	8.7	20.9
9 18	21 36.90	−14 14.2	1.577	2.478	12.9	21.1
9 28	21 32.78	−14 43.7	1.640	2.458	16.5	21.3

485805 2012 DD_{40} 8 20.5 286.°74 1.°8/21.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 22.89	− 6 51.9	2.186	3.055	11.7	21.2
7 30	22 17.05	− 6 41.4	2.090	3.030	8.7	21.0
8 9	22 9.47	− 6 39.6	2.018	3.005	5.3	20.8
8 19	22 0.71	− 6 45.1	1.972	2.980	2.1	20.5
8 29	21 51.58	− 6 55.3	1.955	2.955	3.4	20.5
9 8	21 42.96	− 7 7.0	1.966	2.930	7.0	20.7
9 18	21 35.68	− 7 17.2	2.004	2.905	10.6	20.9
9 28	21 30.39	− 7 23.1	2.064	2.879	13.7	21.1

435821 2008 WC_{40} 8 20.5 73.°89 6.°3/15.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 23.73	−26 26.7	1.690	2.598	12.6	20.4
7 30	22 17.86	−27 42.7	1.648	2.605	9.4	20.2
8 9	22 9.91	−28 53.3	1.629	2.613	6.9	20.1
8 19	22 0.75	−29 50.4	1.636	2.620	6.5	20.1
8 29	21 51.54	−30 27.4	1.668	2.628	8.6	20.2
9 8	21 43.44	−30 41.2	1.725	2.636	11.6	20.4
9 18	21 37.35	−30 32.2	1.803	2.643	14.5	20.6
9 28	21 33.88	−30 3.1	1.900	2.651	17.0	20.8

261380 2005 UC_{368} 8 20.5 230.°05 2.°1/18.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 20.05	−16 55.3	2.241	3.137	10.4	21.3
7 30	22 14.86	−17 40.8	2.176	3.135	7.3	21.1
8 9	22 8.16	−18 29.5	2.136	3.133	4.1	20.9
8 19	22 0.53	−19 16.7	2.123	3.130	2.2	20.8
8 29	21 52.75	−19 57.6	2.138	3.128	4.5	20.9
9 8	21 45.63	−20 28.3	2.181	3.125	7.7	21.1
9 18	21 39.87	−20 46.6	2.248	3.122	10.7	21.3
9 28	21 36.01	−20 51.8	2.338	3.120	13.3	21.5

171506 1998 HC_{44} 8 20.5 134.°73 1.°7/19.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 25.91	−14 15.0	1.686	2.580	13.3	20.4
7 30	22 19.28	−15 2.0	1.634	2.592	9.4	20.2
8 9	22 10.65	−15 55.2	1.606	2.604	5.1	19.9
8 19	22 0.86	−16 48.4	1.604	2.614	1.7	19.7
8 29	21 51.00	−17 35.0	1.630	2.625	4.8	20.0
9 8	21 42.20	−18 10.0	1.682	2.634	9.0	20.2
9 18	21 35.35	−18 31.0	1.759	2.643	12.7	20.5
9 28	21 31.03	−18 37.1	1.856	2.651	15.8	20.7

81039 2000 EX_{56} 8 20.5 48.°58 3.°0/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 21.33	− 2 53.6	1.282	2.167	17.2	19.0
7 30	22 16.33	− 3 16.4	1.237	2.184	12.8	18.8
8 9	22 9.13	− 3 59.8	1.213	2.200	8.0	18.6
8 19	22 0.66	− 4 59.1	1.211	2.218	3.6	18.4
8 29	21 52.17	− 6 6.9	1.234	2.236	4.5	18.5
9 8	21 44.90	− 7 14.5	1.282	2.254	9.0	18.8
9 18	21 39.80	− 8 14.7	1.353	2.273	13.2	19.1
9 28	21 37.46	− 9 2.3	1.444	2.292	16.9	19.4

65612 3564 $T\text{-}_{3}$ 8 20.5 18.°38 3.°0/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 17.18	− 0 44.7	1.954	2.815	13.2	19.3
7 30	22 12.94	− 1 14.8	1.886	2.817	10.1	19.1
8 9	22 7.15	− 2 1.9	1.841	2.820	6.6	18.9
8 19	22 0.40	− 3 3.0	1.821	2.824	3.5	18.7
8 29	21 53.49	− 4 13.2	1.828	2.827	3.7	18.7
9 8	21 47.27	− 5 26.2	1.862	2.831	6.9	18.9
9 18	21 42.44	− 6 36.0	1.922	2.835	10.3	19.1
9 28	21 39.55	− 7 37.5	2.005	2.840	13.3	19.4

286732 2002 GY_{119} 8 20.5 90.°93 0.°1/20.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 20.24	− 8 0.3	1.749	2.635	13.3	20.6
7 30	22 15.21	− 9 9.7	1.695	2.648	9.5	20.4
8 9	22 8.41	−10 32.0	1.664	2.660	5.2	20.2
8 19	22 0.57	−12 0.8	1.660	2.672	0.7	19.9
8 29	21 52.62	−13 28.5	1.684	2.684	3.8	20.1
9 8	21 45.55	−14 47.9	1.735	2.696	8.0	20.4
9 18	21 40.13	−15 53.6	1.811	2.708	11.7	20.7
9 28	21 36.95	−16 42.9	1.909	2.720	14.8	20.9

159613 2002 AX_{18} 8 20.5 238.°02 4.°8/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 21.33	−20 36.9	1.833	2.739	11.8	19.3
7 30	22 16.22	−22 28.7	1.769	2.730	8.5	19.1
8 9	22 9.11	−24 24.2	1.730	2.722	5.6	18.9
8 19	22 0.68	−26 14.0	1.719	2.713	5.0	18.9
8 29	21 51.90	−27 49.0	1.735	2.704	7.5	19.0
9 8	21 43.87	−29 2.5	1.778	2.695	10.9	19.2
9 18	21 37.54	−29 51.6	1.843	2.685	14.1	19.4
9 28	21 33.61	−30 16.5	1.927	2.675	16.9	19.6

26810 1985 CL_{2} 8 20.5 136.°85 0.°3/20.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 23.64	− 9 2.8	1.746	2.630	13.4	18.7
7 30	22 17.63	− 9 40.8	1.688	2.639	9.6	18.5
8 9	22 9.75	−10 29.7	1.653	2.648	5.4	18.2
8 19	22 0.75	−11 24.7	1.644	2.656	0.8	17.9
8 29	21 51.63	−12 19.7	1.663	2.664	3.8	18.2
9 8	21 43.44	−13 8.8	1.709	2.671	8.1	18.5
9 18	21 37.02	−13 47.9	1.780	2.678	11.9	18.7
9 28	21 32.96	−14 14.5	1.872	2.684	15.1	18.9

480345 2015 KA_{10} 8 20.5 335.°35 2.°9/17.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 15.55	−13 19.6	1.316	2.234	14.6	20.0
7 30	22 12.56	−15 0.2	1.248	2.219	10.3	19.7
8 9	22 7.28	−16 55.9	1.203	2.204	5.6	19.4
8 19	22 0.44	−18 56.6	1.182	2.190	2.9	19.2
8 29	21 53.19	−20 50.1	1.185	2.178	6.7	19.4
9 8	21 46.82	−22 25.2	1.213	2.166	11.6	19.6
9 18	21 42.47	−23 35.1	1.262	2.155	16.0	19.8
9 28	21 40.94	−24 17.1	1.328	2.146	19.8	20.1

437343 2013 TM_{16} 8 20.5 273.°99 2.°4/18.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 24.93	−16 12.5	1.523	2.427	13.9	21.9
7 30	22 19.06	−16 47.9	1.450	2.412	9.9	21.7
8 9	22 10.79	−17 29.1	1.400	2.398	5.5	21.4
8 19	22 0.92	−18 9.7	1.374	2.383	2.4	21.1
8 29	21 50.67	−18 42.9	1.375	2.369	5.7	21.3
9 8	21 41.35	−19 3.1	1.400	2.354	10.3	21.5
9 18	21 34.10	−19 7.7	1.449	2.339	14.6	21.8
9 28	21 29.71	−18 56.2	1.517	2.324	18.2	22.0

429657 2011 GF_{44} 8 20.5 53.°41 2.°5/18.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 24.69	−16 31.6	1.403	2.311	14.6	21.6
7 30	22 18.62	−17 5.2	1.360	2.325	10.3	21.4
8 9	22 10.35	−17 42.9	1.340	2.339	5.6	21.1
8 19	22 0.83	−18 17.9	1.344	2.353	2.5	21.0
8 29	21 51.36	−18 43.9	1.374	2.368	5.6	21.2
9 8	21 43.19	−18 56.6	1.429	2.383	10.0	21.5
9 18	21 37.24	−18 54.6	1.506	2.399	13.9	21.8
9 28	21 34.09	−18 38.1	1.603	2.414	17.2	22.0

1528 Conrada 8 20.5 114°.15 0°.7/19.9 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 22.71	−10 18.8	1.664	2.556	13.6	15.6
7 30	22 17.03	−11 26.6	1.613	2.569	9.6	15.4
8 9	22 9.44	−12 45.2	1.585	2.583	5.2	15.2
8 19	22 0.72	−14 8.0	1.584	2.596	0.8	14.9
8 29	21 51.92	−15 26.9	1.610	2.608	4.3	15.2
9 8	21 44.10	−16 35.1	1.663	2.620	8.6	15.5
9 18	21 38.10	−17 28.2	1.740	2.632	12.4	15.7
9 28	21 34.52	−18 4.1	1.839	2.643	15.6	16.0

88421 2001 QU_{54} 8 20.5 51°.53 4°.1/18.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 25.60	−18 5.5	1.082	2.002	16.8	18.9
7 30	22 19.80	−19 1.8	1.042	2.012	11.9	18.6
8 9	22 11.19	−20 1.8	1.023	2.023	6.8	18.4
8 19	22 0.96	−20 55.6	1.027	2.033	4.1	18.3
8 29	21 50.73	−21 33.9	1.054	2.045	7.6	18.5
9 8	21 42.15	−21 51.3	1.103	2.056	12.4	18.8
9 18	21 36.34	−21 46.8	1.173	2.068	16.8	19.1
9 28	21 33.93	−21 22.2	1.259	2.080	20.5	19.4

351130 2003 WO_{101} 8 20.5 303°.90 3°.1/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 18.08	− 0 56.5	1.648	2.517	14.9	20.9
7 30	22 14.12	− 1 34.3	1.551	2.487	11.4	20.6
8 9	22 8.10	− 2 34.8	1.475	2.458	7.5	20.3
8 19	22 0.58	− 3 55.4	1.424	2.428	3.7	20.0
8 29	21 52.50	− 5 30.3	1.398	2.399	4.3	20.0
9 8	21 44.96	− 7 10.9	1.399	2.370	8.5	20.2
9 18	21 39.01	− 8 48.3	1.424	2.341	13.0	20.4
9 28	21 35.50	−10 14.4	1.471	2.312	17.0	20.6

322536 2011 YS_{25} 8 20.5 97°.98 2°.4/17.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 18.84	−17 2.5	2.248	3.147	10.2	20.3
7 30	22 14.00	−18 7.0	2.190	3.150	7.2	20.1
8 9	22 7.69	−19 15.0	2.157	3.154	4.1	19.9
8 19	22 0.50	−20 21.0	2.152	3.158	2.5	19.8
8 29	21 53.18	−21 19.5	2.175	3.162	4.7	20.0
9 8	21 46.53	−22 6.3	2.226	3.166	7.8	20.2
9 18	21 41.20	−22 38.8	2.301	3.169	10.7	20.4
9 28	21 37.72	−22 56.3	2.398	3.173	13.2	20.6

332493 2008 FD_{60} 8 20.5 98°.82 1°.9/19.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 24.26	−14 11.4	1.556	2.456	13.9	21.2
7 30	22 18.21	−15 7.5	1.509	2.470	9.7	21.0
8 9	22 10.10	−16 10.4	1.486	2.485	5.3	20.8
8 19	22 0.82	−17 13.0	1.489	2.499	1.9	20.6
8 29	21 51.51	−18 7.9	1.518	2.512	5.1	20.8
9 8	21 43.32	−18 49.7	1.573	2.526	9.4	21.1
9 18	21 37.15	−19 15.5	1.651	2.539	13.2	21.4
9 28	21 33.57	−19 24.7	1.750	2.552	16.3	21.6

255201 2005 UY_{321} 8 20.5 337°.55 5°.1/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 18.71	+ 2 20.7	1.833	2.681	14.5	19.8
7 30	22 14.21	+ 2 36.2	1.756	2.673	11.5	19.6
8 9	22 7.95	+ 2 33.4	1.700	2.666	8.3	19.4
8 19	22 0.55	+ 2 12.7	1.669	2.659	5.7	19.2
8 29	21 52.88	+ 1 36.7	1.663	2.653	5.4	19.2
9 8	21 45.89	+ 0 50.4	1.682	2.647	7.9	19.3
9 18	21 40.40	− 0 0.4	1.726	2.641	11.2	19.5
9 28	21 37.05	− 0 49.9	1.793	2.636	14.3	19.7

18456 Mišík 8 20.5 225°.29 2°.9/18.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 27.56	−17 50.7	1.542	2.443	13.9	18.5
7 30	22 20.83	−18 24.3	1.476	2.437	9.9	18.2
8 9	22 11.71	−19 1.1	1.434	2.431	5.6	18.0
8 19	22 1.06	−19 34.5	1.417	2.424	2.9	17.8
8 29	21 50.15	−19 58.1	1.426	2.417	6.0	18.0
9 8	21 40.32	−20 7.4	1.461	2.410	10.3	18.2
9 18	21 32.67	−20 0.9	1.519	2.402	14.4	18.4
9 28	21 27.91	−19 39.1	1.597	2.394	17.9	18.6

269546 2009 VE_{108} 8 20.5 205°.78 5°.3/13.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 20.42	−31 1.6	2.900	3.789	8.5	20.5
7 30	22 14.97	−32 3.8	2.845	3.786	6.7	20.4
8 9	22 8.17	−33 0.2	2.817	3.782	5.5	20.3
8 19	22 0.57	−33 46.0	2.816	3.778	5.5	20.3
8 29	21 52.84	−34 17.4	2.843	3.775	6.8	20.4
9 8	21 45.71	−34 32.2	2.896	3.770	8.7	20.5
9 18	21 39.77	−34 30.4	2.972	3.766	10.6	20.6
9 28	21 35.53	−34 13.1	3.068	3.761	12.2	20.7

25979 Alansage 8 20.5 77°.01 0°.1/20.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 26.25	−11 20.2	1.407	2.303	15.3	18.3
7 30	22 19.76	−11 31.8	1.357	2.315	10.9	18.1
8 9	22 11.01	−11 52.7	1.329	2.326	6.0	17.8
8 19	22 0.96	−12 18.0	1.326	2.338	0.8	17.5
8 29	21 50.88	−12 42.2	1.349	2.350	4.4	17.8
9 8	21 42.06	−13 0.3	1.397	2.361	9.2	18.1
9 18	21 35.47	−13 9.1	1.469	2.373	13.5	18.4
9 28	21 31.73	−13 7.0	1.560	2.385	17.0	18.7

155830 2000 XL_{23} 8 20.5 2°.18 1°.2/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 25.32	−12 44.2	1.043	1.959	17.8	17.3
7 30	22 19.74	−11 43.9	0.990	1.956	12.9	17.0
8 9	22 11.26	−10 49.3	0.956	1.955	7.4	16.7
8 19	22 1.00	− 9 59.5	0.944	1.955	1.7	16.3
8 29	21 50.61	− 9 12.9	0.955	1.958	5.1	16.6
9 8	21 41.74	− 8 27.7	0.989	1.962	10.7	16.9
9 18	21 35.65	− 7 42.8	1.044	1.969	15.8	17.2
9 28	21 33.05	− 6 56.4	1.116	1.977	19.9	17.5

510897 2013 CC_{190} 8 20.5 84°.63 1°.7/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 23.72	− 6 46.8	2.177	3.044	11.8	21.2
7 30	22 17.33	− 6 36.6	2.120	3.060	8.7	21.1
8 9	22 9.45	− 6 35.4	2.088	3.075	5.2	20.9
8 19	22 0.75	− 6 41.1	2.083	3.091	2.1	20.7
8 29	21 52.02	− 6 51.1	2.107	3.106	3.2	20.8
9 8	21 44.10	− 7 2.2	2.158	3.122	6.5	21.0
9 18	21 37.64	− 7 11.6	2.237	3.137	9.7	21.3
9 28	21 33.13	− 7 17.0	2.338	3.152	12.4	21.5

325878 2010 TF_{169} 8 20.5 320°.54 6°.1/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 23.52	−22 28.9	1.129	2.053	16.0	20.4
7 30	22 18.74	−23 25.0	1.065	2.035	11.7	20.1
8 9	22 10.90	−24 21.7	1.022	2.017	7.7	19.8
8 19	22 0.99	−25 8.4	1.001	2.001	6.3	19.7
8 29	21 50.57	−25 34.9	1.002	1.985	9.4	19.8
9 8	21 41.45	−25 35.4	1.025	1.970	14.1	20.0
9 18	21 35.06	−25 9.2	1.066	1.955	18.7	20.3
9 28	21 32.29	−24 19.1	1.125	1.942	22.6	20.5

514412 2016 TW_{73} 8 20.5 270°.83 1°.0/19.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 22.97	−13 27.6	1.909	2.801	12.1	21.7
7 30	22 17.29	−13 53.8	1.827	2.784	8.6	21.4
8 9	22 9.68	−14 26.8	1.769	2.766	4.7	21.2
8 19	22 0.81	−15 2.1	1.738	2.749	1.0	20.9
8 29	21 51.59	−15 34.6	1.734	2.731	4.2	21.1
9 8	21 43.07	−15 59.8	1.757	2.713	8.3	21.3
9 18	21 36.13	−16 14.6	1.804	2.695	12.1	21.5
9 28	21 31.48	−16 17.3	1.874	2.677	15.4	21.6

318193 2004 RU_{107} 8 20.5 306°.56 4°.7/17.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 25.08	−25 4.4	1.991	2.889	11.4	20.2
7 30	22 18.77	−25 29.3	1.914	2.870	8.4	20.0
8 9	22 10.47	−25 50.3	1.862	2.850	5.7	19.8
8 19	22 0.91	−26 1.8	1.837	2.831	4.7	19.7
8 29	21 51.10	−25 59.3	1.838	2.812	6.7	19.8
9 8	21 42.11	−25 40.3	1.866	2.793	9.9	19.9
9 18	21 34.86	−25 4.9	1.917	2.775	13.0	20.1
9 28	21 30.01	−24 14.9	1.989	2.756	15.8	20.3

257329 2009 HK_{102} 8 20.5 113°.73 0°.6/20.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 24.64	− 8 2.7	1.534	2.420	14.8	21.5
7 30	22 18.50	− 8 43.4	1.482	2.434	10.7	21.3
8 9	22 10.30	− 9 37.3	1.453	2.448	6.0	21.0
8 19	22 0.88	−10 38.8	1.449	2.461	1.1	20.7
8 29	21 51.39	−11 40.7	1.473	2.474	4.0	21.0
9 8	21 43.01	−12 36.4	1.522	2.486	8.6	21.3
9 18	21 36.63	−13 20.9	1.596	2.498	12.7	21.6
9 28	21 32.86	−13 51.4	1.690	2.509	16.1	21.8

217362 2004 TT_{11} 8 20.5 282°.02 2°.3/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 18.06	− 2 56.4	2.261	3.122	11.7	20.7
7 30	22 13.51	− 3 18.7	2.177	3.110	8.8	20.5
8 9	22 7.49	− 3 54.3	2.116	3.098	5.6	20.2
8 19	22 0.52	− 4 40.9	2.082	3.087	2.7	20.0
8 29	21 53.31	− 5 34.7	2.075	3.075	3.3	20.0
9 8	21 46.63	− 6 30.8	2.097	3.063	6.4	20.2
9 18	21 41.15	− 7 24.6	2.144	3.051	9.7	20.4
9 28	21 37.45	− 8 11.8	2.215	3.040	12.6	20.6

220679 2004 RR_{220} 8 20.5 358°.47 5°.8/17.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 28.42	−27 29.4	1.553	2.457	13.7	18.6
7 30	22 21.31	−27 27.9	1.497	2.453	10.2	18.4
8 9	22 11.86	−27 17.3	1.464	2.451	7.0	18.2
8 19	22 1.09	−26 52.0	1.456	2.449	5.8	18.1
8 29	21 50.35	−26 8.6	1.473	2.449	7.8	18.2
9 8	21 40.97	−25 7.1	1.515	2.450	11.2	18.4
9 18	21 33.94	−23 50.4	1.581	2.451	14.6	18.7
9 28	21 29.84	−22 22.3	1.666	2.454	17.6	18.9

469535 2003 SB_{294} 8 20.5 296°.76 9°.7/12.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 27.02	−36 0.4	1.709	2.602	13.2	20.2
7 30	22 20.63	−37 16.6	1.652	2.586	11.1	20.0
8 9	22 11.67	−38 20.0	1.618	2.570	9.8	19.9
8 19	22 1.09	−39 1.2	1.607	2.554	10.1	19.9
8 29	21 50.23	−39 13.1	1.620	2.538	11.9	20.0
9 8	21 40.55	−38 53.9	1.655	2.522	14.4	20.1
9 18	21 33.20	−38 5.9	1.709	2.507	17.0	20.3
9 28	21 28.93	−36 54.0	1.781	2.492	19.3	20.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
78677 2002 TW_{128}			8 20.5 165°.48		2°.0/22.2 18	
	h m	° ′			°	m
7 20	22 22.53	− 5 18.0	2.154	3.019	12.0	19.4
7 30	22 16.62	− 5 20.9	2.084	3.022	8.9	19.2
8 9	22 9.16	− 5 34.7	2.038	3.024	5.5	19.0
8 19	22 0.74	− 5 57.0	2.019	3.026	2.4	18.8
8 29	21 52.18	− 6 24.6	2.028	3.028	3.3	18.9
9 8	21 44.31	− 6 53.4	2.065	3.030	6.7	19.1
9 18	21 37.85	− 7 20.0	2.129	3.031	10.0	19.3
9 28	21 33.35	− 7 41.2	2.215	3.032	12.9	19.5
211924 2004 TW_{275}			8 20.5 226°.67		3°.4/22.9 18	
7 20	22 23.53	− 2 5.5	1.499	2.369	16.0	20.5
7 30	22 17.99	− 2 18.3	1.426	2.364	12.2	20.3
8 9	22 10.19	− 2 50.7	1.375	2.358	7.9	20.0
8 19	22 0.90	− 3 40.0	1.347	2.352	4.0	19.8
8 29	21 51.26	− 4 40.8	1.346	2.345	4.6	19.8
9 8	21 42.51	− 5 45.7	1.370	2.339	8.9	20.0
9 18	21 35.72	− 6 47.2	1.418	2.332	13.2	20.3
9 28	21 31.64	− 7 39.5	1.487	2.324	17.0	20.5
49344 1998 WC_{4}			8 20.5 298°.35		2°.4/18.7 18	
7 20	22 22.95	−17 22.9	1.788	2.689	12.3	19.0
7 30	22 17.30	−17 54.1	1.720	2.681	8.7	18.8
8 9	22 9.68	−18 28.4	1.676	2.673	4.9	18.6
8 19	22 0.82	−19 0.7	1.658	2.666	2.4	18.4
8 29	21 51.75	−19 25.4	1.666	2.658	5.2	18.6
9 8	21 43.53	−19 38.6	1.701	2.651	9.1	18.8
9 18	21 37.07	−19 38.2	1.760	2.643	12.7	19.0
9 28	21 33.02	−19 24.0	1.839	2.636	15.8	19.2
478984 2012 XL_{119}			8 20.5 221°.25		5°.3/14.9 18	
7 20	22 22.47	−26 11.7	2.213	3.112	10.4	22.1
7 30	22 16.76	−27 26.0	2.153	3.106	7.8	21.9
8 9	22 9.31	−28 37.3	2.118	3.099	5.7	21.7
8 19	22 0.78	−29 38.8	2.109	3.092	5.5	21.7
8 29	21 52.03	−30 24.9	2.129	3.084	7.3	21.8
9 8	21 44.01	−30 52.1	2.174	3.076	9.9	22.0
9 18	21 37.52	−30 59.6	2.242	3.068	12.5	22.1
9 28	21 33.16	−30 48.6	2.331	3.060	14.8	22.3
55090 2001 QX_{121}			8 20.5 273°.29		1°.8/19.0 18	
7 20	22 21.32	−13 7.0	1.586	2.488	13.5	19.3
7 30	22 16.40	−14 13.0	1.514	2.476	9.6	19.0
8 9	22 9.32	−15 29.7	1.465	2.463	5.2	18.7
8 19	22 0.80	−16 50.2	1.441	2.451	1.8	18.5
8 29	21 51.89	−18 6.0	1.444	2.439	5.3	18.7
9 8	21 43.81	−19 9.4	1.472	2.426	9.8	18.9
9 18	21 37.57	−19 55.7	1.524	2.414	14.0	19.1
9 28	21 33.94	−20 22.6	1.595	2.401	17.5	19.3
356691 2011 UR_{124}			8 20.5 206°.83		3°.7/23.9 18	
7 20	22 19.91	+ 0 9.8	2.054	2.903	13.1	20.4
7 30	22 14.88	+ 0 3.1	1.980	2.902	10.1	20.2
8 9	22 8.26	− 0 19.5	1.929	2.901	6.9	20.1
8 19	22 0.64	− 0 56.4	1.903	2.900	4.1	19.9
8 29	21 52.83	− 1 43.9	1.904	2.899	4.2	19.9
9 8	21 45.67	− 2 37.1	1.933	2.898	7.0	20.1
9 18	21 39.90	− 3 30.7	1.987	2.897	10.2	20.3
9 28	21 36.09	− 4 19.9	2.065	2.896	13.1	20.5
348034 Deslorieux			8 20.5 293°.70		9°.1/12.4 18	
7 20	22 26.46	−34 15.3	1.751	2.646	12.8	20.5
7 30	22 20.30	−35 36.0	1.683	2.621	10.6	20.3
8 9	22 11.57	−36 46.9	1.637	2.595	9.2	20.2
8 19	22 1.12	−37 38.3	1.615	2.569	9.6	20.1
8 29	21 50.20	−38 2.4	1.618	2.543	11.5	20.2
9 8	21 40.28	−37 56.0	1.643	2.517	14.2	20.3
9 18	21 32.54	−37 20.3	1.689	2.491	17.0	20.4
9 28	21 27.83	−36 19.5	1.751	2.465	19.5	20.6
45933 2000 YU_{128}			8 20.5 97°.83		2°.6/18.4 17	
7 20	22 24.58	−17 44.3	1.922	2.818	11.8	19.8
7 30	22 18.11	−18 29.9	1.880	2.838	8.3	19.6
8 9	22 9.95	−19 17.3	1.862	2.858	4.7	19.4
8 19	22 0.86	−20 0.9	1.871	2.878	2.6	19.3
8 29	21 51.82	−20 35.4	1.908	2.897	5.0	19.5
9 8	21 43.77	−20 57.5	1.973	2.916	8.5	19.8
9 18	21 37.45	−21 5.7	2.061	2.934	11.6	20.0
9 28	21 33.36	−21 0.2	2.171	2.952	14.3	20.2
18329 1986 RY_{4}			8 20.5 352°.72		2°.8/19.2 18	
7 20	22 21.47	−16 50.5	0.933	1.864	17.8	16.7
7 30	22 17.36	−17 2.9	0.881	1.856	12.7	16.4
8 9	22 10.14	−17 20.7	0.847	1.849	7.1	16.1
8 19	22 0.93	−17 36.6	0.834	1.844	2.8	15.8
8 29	21 51.43	−17 42.6	0.842	1.841	6.9	16.1
9 8	21 43.48	−17 33.5	0.871	1.839	12.6	16.4
9 18	21 38.43	−17 7.5	0.919	1.839	17.8	16.7
9 28	21 37.06	−16 25.4	0.983	1.841	22.2	17.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
112531 2002 PK_{36}			8 20.5 23°.64		0°.2/20.7 18	
	h m	° ′			°	m
7 20	22 19.31	− 8 23.5	1.673	2.565	13.5	19.5
7 30	22 14.71	− 9 13.6	1.612	2.567	9.7	19.3
8 9	22 8.26	−10 16.7	1.574	2.569	5.4	19.1
8 19	22 0.66	−11 27.4	1.561	2.572	0.8	18.8
8 29	21 52.88	−12 38.7	1.574	2.575	3.8	19.0
9 8	21 45.94	−13 43.7	1.614	2.578	8.2	19.3
9 18	21 40.70	−14 37.1	1.678	2.582	12.1	19.5
9 28	21 37.75	−15 15.8	1.764	2.586	15.4	19.7
488854 2005 SJ_{44}			8 20.5 2°.48		1°.0/21.2 15	
7 20	22 17.53	− 9 11.7	1.287	2.195	15.6	20.4
7 30	22 13.82	− 9 16.7	1.231	2.193	11.3	20.2
8 9	22 7.90	− 9 34.6	1.195	2.193	6.5	19.9
8 19	22 0.62	−10 1.3	1.183	2.194	1.5	19.6
8 29	21 53.16	−10 31.0	1.194	2.197	4.2	19.8
9 8	21 46.77	−10 57.7	1.229	2.201	9.2	20.1
9 18	21 42.43	−11 16.6	1.286	2.207	13.7	20.4
9 28	21 40.79	−11 24.4	1.362	2.215	17.4	20.6
360931 2005 TJ_{119}			8 20.5 137°.46		4°.0/17.1 18	
7 20	22 23.38	−23 8.2	2.125	3.024	10.7	21.3
7 30	22 17.31	−23 44.9	2.067	3.024	7.8	21.1
8 9	22 9.57	−24 19.3	2.034	3.025	5.0	21.0
8 19	22 0.84	−24 46.4	2.028	3.025	4.0	20.9
8 29	21 52.02	−25 1.7	2.049	3.025	6.0	21.0
9 8	21 44.04	−25 2.7	2.097	3.026	8.9	21.2
9 18	21 37.64	−24 48.8	2.169	3.026	11.8	21.4
9 28	21 33.38	−24 21.2	2.262	3.026	14.2	21.6
512419 2016 PZ_{88}			8 20.5 336°.62		2°.1/22.1 18	
7 20	22 17.13	− 4 49.2	1.369	2.263	15.8	20.7
7 30	22 13.59	− 5 18.1	1.297	2.250	11.8	20.4
8 9	22 7.86	− 6 6.7	1.245	2.237	7.2	20.2
8 19	22 0.64	− 7 10.8	1.217	2.226	2.7	19.8
8 29	21 53.05	− 8 23.6	1.212	2.215	4.2	19.9
9 8	21 46.32	− 9 36.1	1.233	2.205	9.1	20.2
9 18	21 41.51	−10 40.7	1.275	2.197	13.8	20.4
9 28	21 39.39	−11 31.4	1.338	2.189	17.8	20.7
32059 Ruchipandya			8 20.5 68°.92		3°.5/22.9 18	
7 20	22 24.05	− 2 37.5	1.210	2.094	18.1	18.3
7 30	22 18.46	− 2 50.1	1.163	2.108	13.6	18.0
8 9	22 10.44	− 3 24.4	1.135	2.122	8.6	17.8
8 19	22 0.98	− 4 16.3	1.129	2.135	4.1	17.6
8 29	21 51.44	− 5 18.7	1.148	2.149	4.9	17.7
9 8	21 43.23	− 6 22.6	1.192	2.163	9.5	18.0
9 18	21 37.39	− 7 20.4	1.257	2.177	14.0	18.3
9 28	21 34.56	− 8 6.4	1.342	2.191	17.9	18.6
162341 1999 XV_{134}			8 20.5 315°.74		7°.5/13.2 18	
7 20	22 19.27	−25 29.7	1.494	2.413	13.2	19.0
7 30	22 15.27	−27 35.1	1.431	2.394	10.0	18.7
8 9	22 8.86	−29 41.0	1.392	2.376	7.7	18.5
8 19	22 0.79	−31 35.5	1.378	2.359	8.0	18.5
8 29	21 52.24	−33 7.0	1.388	2.341	10.6	18.6
9 8	21 44.57	−34 8.3	1.422	2.325	14.1	18.8
9 18	21 38.96	−34 37.3	1.475	2.309	17.5	19.0
9 28	21 36.27	−34 35.8	1.544	2.293	20.4	19.2
135966 2002 TG_{279}			8 20.5 332°.11		1°.2/21.4 18	
7 20	22 21.95	− 8 20.8	1.724	2.609	13.5	18.9
7 30	22 16.60	− 8 24.1	1.654	2.604	9.9	18.7
8 9	22 9.32	− 8 38.0	1.607	2.600	5.7	18.5
8 19	22 0.83	− 8 59.5	1.585	2.595	1.6	18.2
8 29	21 52.12	− 9 24.4	1.590	2.591	3.7	18.3
9 8	21 44.23	− 9 48.0	1.621	2.588	8.0	18.6
9 18	21 38.05	−10 6.5	1.677	2.584	11.9	18.8
9 28	21 34.22	−10 17.0	1.753	2.581	15.3	19.0
236761 2007 NN_{4}			8 20.5 62°.58		8°.3/28.9 17	
7 20	22 20.27	+12 25.1	1.585	2.386	18.5	18.9
7 30	22 15.35	+12 20.5	1.534	2.408	15.4	18.8
8 9	22 8.57	+11 45.2	1.502	2.431	12.2	18.6
8 19	22 0.72	+10 40.1	1.491	2.453	9.5	18.5
8 29	21 52.83	+ 9 10.0	1.505	2.475	8.3	18.5
9 8	21 45.94	+ 7 23.5	1.544	2.498	9.5	18.7
9 18	21 40.86	+ 5 30.6	1.607	2.520	11.9	18.9
9 28	21 38.15	+ 3 41.2	1.693	2.543	14.7	19.1
478555 2012 TT_{39}			8 20.5 26°.45		7°.4/16.7 18	
7 20	22 30.45	−29 36.5	1.422	2.326	14.7	19.6
7 30	22 22.90	−30 1.8	1.379	2.332	11.2	19.4
8 9	22 12.78	−30 16.0	1.357	2.338	8.3	19.3
8 19	22 1.28	−30 11.4	1.359	2.344	7.5	19.3
8 29	21 49.93	−29 43.6	1.386	2.352	9.4	19.4
9 8	21 40.19	−28 52.5	1.437	2.359	12.7	19.6
9 18	21 33.09	−27 41.8	1.510	2.367	15.9	19.8
9 28	21 29.18	−26 16.5	1.602	2.376	18.8	20.1

434737 2006 FK_{21} 8 20.5 223°.00 2°.3/22.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 20.37	− 2 27.7	1.989	2.850	13.0	21.7
7 30	22 15.33	− 3 7.3	1.909	2.843	9.8	21.5
8 9	22 8.59	− 4 3.3	1.853	2.836	6.2	21.3
8 19	22 0.74	− 5 12.4	1.823	2.829	2.8	21.1
8 29	21 52.62	− 6 29.2	1.820	2.821	3.5	21.1
9 8	21 45.14	− 7 47.2	1.846	2.813	7.2	21.3
9 18	21 39.08	− 9 0.2	1.898	2.804	10.8	21.5
9 28	21 35.08	−10 3.4	1.972	2.795	14.0	21.7

355620 2008 DA_{48} 8 20.5 357°.56 1°.2/19.5 18

7 20	22 20.42	−13 50.4	1.945	2.841	11.7	20.9
7 30	22 15.32	−14 24.1	1.881	2.840	8.3	20.7
8 9	22 8.54	−15 3.8	1.841	2.839	4.5	20.5
8 19	22 0.73	−15 44.9	1.828	2.839	1.2	20.2
8 29	21 52.77	−16 22.2	1.842	2.839	4.1	20.5
9 8	21 45.58	−16 51.5	1.883	2.839	7.9	20.7
9 18	21 39.91	−17 9.8	1.948	2.839	11.4	20.9
9 28	21 36.35	−17 15.9	2.035	2.840	14.3	21.1

295934 2008 XY_{6} 8 20.5 233°.25 7°.1/12.5 18

7 20	22 21.78	−28 2.4	1.911	2.816	11.5	20.2
7 30	22 16.61	−30 8.1	1.859	2.811	8.9	20.0
8 9	22 9.40	−32 9.8	1.833	2.806	7.2	19.9
8 19	22 0.87	−33 57.7	1.834	2.802	7.5	19.9
8 29	21 52.01	−35 23.4	1.862	2.797	9.6	20.0
9 8	21 43.95	−36 22.0	1.913	2.792	12.3	20.2
9 18	21 37.65	−36 52.7	1.986	2.786	14.9	20.3
9 28	21 33.80	−36 57.7	2.077	2.781	17.1	20.5

234270 2000 WV_{7} 8 20.5 287°.01 3°.8/23.8 18

7 20	22 19.60	+ 0 11.2	1.699	2.559	14.9	20.5
7 30	22 15.09	− 0 8.5	1.613	2.543	11.6	20.3
8 9	22 8.60	− 0 48.7	1.549	2.527	7.8	20.0
8 19	22 0.77	− 1 47.6	1.510	2.510	4.5	19.8
8 29	21 52.52	− 3 0.3	1.496	2.494	4.6	19.8
9 8	21 44.92	− 4 19.6	1.508	2.478	8.2	19.9
9 18	21 38.94	− 5 38.0	1.546	2.461	12.2	20.1
9 28	21 35.31	− 6 48.5	1.604	2.445	15.8	20.3

18786 Tyjorgenson 8 20.5 235°.09 2°.0/22.2 18

7 20	22 21.61	− 4 24.3	1.894	2.763	13.2	18.5
7 30	22 16.30	− 4 51.4	1.815	2.754	9.9	18.2
8 9	22 9.16	− 5 33.2	1.758	2.745	6.1	18.0
8 19	22 0.84	− 6 26.7	1.727	2.735	2.4	17.7
8 29	21 52.20	− 7 26.7	1.724	2.725	3.6	17.8
9 8	21 44.24	− 8 27.3	1.748	2.714	7.5	18.0
9 18	21 37.80	− 9 22.9	1.798	2.703	11.3	18.2
9 28	21 33.55	−10 9.1	1.870	2.692	14.7	18.4

313273 2001 YY_{94} 8 20.6 218°.90 3°.0/23.3 18

7 20	22 20.94	− 1 57.2	2.264	3.116	12.0	20.7
7 30	22 15.52	− 1 52.8	2.187	3.113	9.1	20.5
8 9	22 8.60	− 2 0.9	2.134	3.110	6.1	20.3
8 19	22 0.76	− 2 20.1	2.107	3.107	3.4	20.1
8 29	21 52.72	− 2 47.6	2.107	3.104	3.7	20.1
9 8	21 45.28	− 3 19.6	2.136	3.100	6.5	20.3
9 18	21 39.13	− 3 52.3	2.191	3.097	9.6	20.5
9 28	21 34.81	− 4 21.9	2.270	3.093	12.4	20.7

177024 2003 BH_{80} 8 20.6 275°.15 1°.9/18.8 16

7 20	22 20.18	− 5 21.2	1.073	1.977	18.3	19.6
7 30	22 16.48	− 8 19.1	1.000	1.963	13.1	19.2
8 9	22 9.84	−11 57.0	0.948	1.949	7.0	18.9
8 19	22 0.98	−15 59.1	0.923	1.934	1.9	18.5
8 29	21 51.32	−20 1.1	0.924	1.919	7.4	18.8
9 8	21 42.59	−23 38.0	0.950	1.904	13.9	19.1
9 18	21 36.35	−26 33.3	0.999	1.889	19.6	19.4
9 28	21 33.74	−28 40.9	1.065	1.874	24.2	19.6

180155 2003 GF_{38} 8 20.6 201°.11 4°.9/15.8 18

7 20	22 22.51	−25 44.8	2.180	3.080	10.5	20.2
7 30	22 16.75	−26 41.3	2.125	3.079	7.8	20.0
8 9	22 9.31	−27 34.3	2.094	3.078	5.5	19.9
8 19	22 0.87	−28 17.9	2.090	3.077	5.1	19.9
8 29	21 52.30	−28 46.9	2.113	3.076	6.9	20.0
9 8	21 44.53	−28 58.7	2.162	3.074	9.5	20.1
9 18	21 38.32	−28 52.8	2.235	3.073	12.1	20.3
9 28	21 34.21	−28 30.5	2.328	3.072	14.4	20.5

180782 2004 RH_{139} 8 20.6 22°.53 0°.6/20.0 18

7 20	22 19.14	−11 43.7	1.728	2.626	12.8	19.9
7 30	22 14.51	−12 19.9	1.673	2.632	9.1	19.7
8 9	22 8.13	−13 4.7	1.641	2.639	4.9	19.5
8 19	22 0.71	−13 52.9	1.635	2.647	0.8	19.2
8 29	21 53.19	−14 38.7	1.656	2.655	4.0	19.5
9 8	21 46.53	−15 17.0	1.702	2.664	8.1	19.8
9 18	21 41.54	−15 44.3	1.773	2.673	11.8	20.0
9 28	21 38.75	−15 58.6	1.865	2.683	14.9	20.2

520462 2014 KJ_{108} 8 20.6 103°.44 4°.9/15.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 21.38	−24 40.0	2.104	3.007	10.7	21.0
7 30	22 15.98	−25 48.6	2.053	3.010	7.8	20.8
8 9	22 8.90	−26 54.6	2.027	3.013	5.5	20.7
8 19	22 0.82	−27 51.5	2.028	3.016	5.0	20.7
8 29	21 52.62	−28 33.7	2.055	3.019	6.9	20.8
9 8	21 45.23	−28 58.0	2.109	3.022	9.7	21.0
9 18	21 39.40	−29 3.7	2.185	3.025	12.3	21.1
9 28	21 35.67	−28 51.7	2.282	3.028	14.6	21.3

98238 2000 SS_{154} 8 20.6 206°.52 3°.9/17.6 18

7 20	22 26.35	−19 35.7	1.683	2.584	12.9	18.6
7 30	22 19.90	−20 36.6	1.620	2.580	9.3	18.3
8 9	22 11.24	−21 40.0	1.580	2.575	5.6	18.1
8 19	22 1.16	−22 38.1	1.567	2.570	3.9	18.0
8 29	21 50.83	−23 23.7	1.581	2.564	6.6	18.1
9 8	21 41.47	−23 51.9	1.620	2.557	10.4	18.4
9 18	21 34.10	−24 0.9	1.683	2.550	14.1	18.6
9 28	21 29.42	−23 51.5	1.765	2.542	17.2	18.8

175526 2006 SG_{73} 8 20.6 295°.73 0°.5/20.1 18

7 20	22 20.17	−11 19.6	1.944	2.835	12.0	20.7
7 30	22 15.20	−11 56.8	1.874	2.830	8.5	20.5
8 9	22 8.53	−12 42.6	1.829	2.826	4.7	20.3
8 19	22 0.79	−13 32.5	1.809	2.821	0.7	20.0
8 29	21 52.84	−14 21.1	1.817	2.816	3.7	20.2
9 8	21 45.61	−15 3.4	1.852	2.812	7.7	20.4
9 18	21 39.87	−15 35.6	1.912	2.808	11.3	20.6
9 28	21 36.23	−15 55.5	1.994	2.803	14.4	20.8

255348 2005 WB_{77} 8 20.6 311°.17 0°.1/20.6 18

7 20	22 19.92	−10 41.3	1.973	2.862	11.9	21.1
7 30	22 15.04	−11 3.4	1.896	2.850	8.5	20.9
8 9	22 8.46	−11 34.1	1.843	2.839	4.7	20.6
8 19	22 0.78	−12 9.6	1.816	2.828	0.7	20.3
8 29	21 52.85	−12 45.4	1.817	2.817	3.5	20.5
9 8	21 45.59	−13 16.9	1.844	2.806	7.5	20.7
9 18	21 39.78	−13 40.6	1.896	2.796	11.2	20.9
9 28	21 36.04	−13 54.1	1.970	2.786	14.3	21.1

112204 2002 JT_{122} 8 20.6 219°.61 2°.0/18.4 18

7 20	22 18.83	−15 32.0	2.316	3.211	10.1	20.1
7 30	22 14.05	−16 34.3	2.250	3.209	7.1	19.9
8 9	22 7.82	−17 41.5	2.210	3.207	3.9	19.7
8 19	22 0.69	−18 48.4	2.197	3.205	2.0	19.6
8 29	21 53.40	−19 49.7	2.212	3.202	4.3	19.7
9 8	21 46.70	−20 40.8	2.255	3.200	7.5	19.9
9 18	21 41.26	−21 18.7	2.324	3.197	10.5	20.1
9 28	21 37.62	−21 42.3	2.415	3.194	13.0	20.3

170330 2003 SA_{95} 8 20.6 87°.30 2°.2/21.9 17

7 20	22 25.97	− 5 47.7	1.378	2.261	16.4	20.4
7 30	22 19.63	− 5 55.1	1.328	2.276	12.0	20.2
8 9	22 11.04	− 6 18.2	1.300	2.290	7.2	20.0
8 19	22 1.14	− 6 53.0	1.296	2.304	2.7	19.8
8 29	21 51.19	− 7 33.8	1.317	2.319	4.3	19.9
9 8	21 42.49	− 8 13.9	1.364	2.332	8.9	20.2
9 18	21 36.00	− 8 48.1	1.434	2.346	13.2	20.5
9 28	21 32.34	− 9 12.4	1.525	2.360	16.8	20.8

441330 2008 CL_{79} 8 20.6 262°.73 1°.7/19.2 18

7 20	22 23.40	−16 10.3	2.086	2.978	11.2	21.7
7 30	22 17.44	−16 30.6	2.011	2.968	8.0	21.4
8 9	22 9.76	−16 54.2	1.961	2.958	4.4	21.2
8 19	22 0.98	−17 16.8	1.938	2.948	1.7	21.0
8 29	21 51.98	−17 34.4	1.944	2.938	4.2	21.2
9 8	21 43.71	−17 43.6	1.976	2.928	7.9	21.4
9 18	21 36.95	−17 42.4	2.034	2.917	11.3	21.6
9 28	21 32.30	−17 30.3	2.114	2.907	14.2	21.7

107071 2001 AJ_{17} 8 20.6 209°.85 1°.4/21.8 18

7 20	22 22.67	− 6 24.9	2.267	3.132	11.5	20.3
7 30	22 16.80	− 6 41.1	2.187	3.126	8.4	20.1
8 9	22 9.36	− 7 7.5	2.131	3.120	5.0	19.8
8 19	22 0.93	− 7 41.5	2.103	3.112	1.8	19.6
8 29	21 52.27	− 8 19.3	2.104	3.105	3.1	19.7
9 8	21 44.22	− 8 56.9	2.133	3.096	6.6	19.9
9 18	21 37.48	− 9 30.4	2.189	3.087	9.9	20.1
9 28	21 32.64	− 9 56.9	2.268	3.078	12.8	20.3

25837 2000 EG_{30} 8 20.6 344°.33 5°.0/16.5 18

7 20	22 18.19	−20 6.7	1.381	2.302	13.8	17.0
7 30	22 14.43	−21 28.7	1.323	2.292	9.9	16.8
8 9	22 8.36	−22 54.5	1.287	2.283	6.2	16.5
8 19	22 0.81	−24 14.6	1.275	2.275	5.1	16.4
8 29	21 52.95	−25 19.2	1.287	2.268	8.0	16.6
9 8	21 46.10	−26 1.6	1.323	2.262	12.1	16.8
9 18	21 41.32	−26 19.2	1.379	2.257	15.9	17.0
9 28	21 39.34	−26 12.6	1.453	2.253	19.2	17.2

247442 2002 EN_{99} 8 20.6 202°.02 1°.5/19.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 23.53	−14 41.5	2.249	3.136	10.7	22.2
7 30	22 17.43	−15 25.6	2.177	3.131	7.6	22.0
8 9	22 9.72	−16 14.7	2.129	3.126	4.1	21.8
8 19	22 0.98	−17 4.2	2.110	3.120	1.5	21.6
8 29	21 52.04	−17 49.1	2.120	3.113	4.1	21.8
9 8	21 43.75	−18 25.2	2.158	3.106	7.5	22.0
9 18	21 36.86	−18 49.9	2.222	3.098	10.8	22.2
9 28	21 31.95	−19 2.0	2.308	3.089	13.5	22.3

444297 2005 UH_{526} 8 20.6 298°.66 1°.5/21.9 17

7 20	22 18.52	− 5 22.6	2.012	2.887	12.3	21.8
7 30	22 14.12	− 5 52.9	1.922	2.866	9.2	21.5
8 9	22 8.02	− 6 37.0	1.855	2.844	5.5	21.3
8 19	22 0.77	− 7 32.0	1.813	2.822	2.0	21.0
8 29	21 53.16	− 8 33.0	1.800	2.801	3.3	21.0
9 8	21 46.08	− 9 34.3	1.813	2.780	7.2	21.2
9 18	21 40.35	−10 30.6	1.852	2.758	11.0	21.4
9 28	21 36.62	−11 17.4	1.913	2.737	14.3	21.6

129348 2513 P–L 8 20.6 288°.10 0°.4/20.2 18

7 20	22 20.13	−11 38.9	2.238	3.124	10.8	20.2
7 30	22 15.12	−12 5.6	2.149	3.102	7.7	20.0
8 9	22 8.51	−12 39.5	2.085	3.081	4.3	19.7
8 19	22 0.84	−13 17.4	2.047	3.059	0.6	19.4
8 29	21 52.86	−13 54.7	2.038	3.037	3.4	19.6
9 8	21 45.39	−14 27.4	2.057	3.015	7.1	19.8
9 18	21 39.21	−14 52.2	2.101	2.993	10.6	20.0
9 28	21 34.90	−15 6.9	2.167	2.971	13.5	20.1

469856 2005 UN_{15} 8 20.6 255°.20 1°.3/19.5 18

7 20	22 23.40	−13 20.0	1.764	2.658	12.8	22.1
7 30	22 17.77	−14 1.2	1.687	2.644	9.1	21.9
8 9	22 10.10	−14 50.5	1.633	2.631	5.0	21.6
8 19	22 1.07	−15 42.7	1.605	2.616	1.3	21.3
8 29	21 51.67	−16 31.3	1.605	2.602	4.6	21.5
9 8	21 43.04	−17 10.8	1.631	2.587	8.9	21.7
9 18	21 36.12	−17 37.3	1.682	2.572	12.9	21.9
9 28	21 31.65	−17 49.2	1.753	2.556	16.3	22.1

188594 2005 OK_{6} 8 20.6 340°.44 3°.0/18.4 18

7 20	22 18.33	−14 56.4	1.155	2.078	15.8	19.1
7 30	22 14.82	−16 4.5	1.095	2.067	11.2	18.8
8 9	22 8.72	−17 23.9	1.055	2.056	6.2	18.5
8 19	22 0.88	−18 45.2	1.038	2.047	3.1	18.2
8 29	21 52.67	−19 57.3	1.044	2.039	6.9	18.5
9 8	21 45.57	−20 51.3	1.073	2.032	12.0	18.7
9 18	21 40.82	−21 22.1	1.122	2.026	16.7	19.0
9 28	21 39.22	−21 28.5	1.188	2.021	20.7	19.2

492371 2014 HU_{91} 8 20.6 289°.14 2°.2/18.6 18

7 20	22 20.48	−15 37.3	1.885	2.786	11.8	21.2
7 30	22 15.53	−16 32.0	1.818	2.779	8.3	21.0
8 9	22 8.78	−17 32.6	1.774	2.772	4.6	20.8
8 19	22 0.88	−18 33.1	1.757	2.765	2.2	20.6
8 29	21 52.74	−19 27.2	1.767	2.758	4.9	20.8
9 8	21 45.35	−20 9.8	1.803	2.752	8.7	21.0
9 18	21 39.54	−20 37.6	1.864	2.745	12.2	21.2
9 28	21 35.93	−20 49.5	1.945	2.739	15.2	21.4

255485 2005 YL_{235} 8 20.6 180°.28 1°.2/19.3 18

7 20	22 19.79	−14 22.4	2.404	3.294	10.0	20.6
7 30	22 14.66	−14 59.6	2.338	3.294	7.0	20.5
8 9	22 8.14	−15 41.5	2.297	3.294	3.8	20.3
8 19	22 0.78	−16 23.9	2.284	3.294	1.2	20.1
8 29	21 53.29	−17 2.7	2.300	3.294	3.6	20.2
9 8	21 46.41	−17 34.2	2.343	3.294	6.8	20.4
9 18	21 40.78	−17 56.0	2.412	3.294	9.8	20.6
9 28	21 36.88	−18 6.8	2.504	3.294	12.3	20.8

380595 2004 RU_{341} 8 20.6 80°.94 0°.5/20.9 17

7 20	22 24.06	− 9 18.7	1.607	2.495	14.2	20.9
7 30	22 18.07	− 9 39.3	1.556	2.509	10.2	20.7
8 9	22 10.13	−10 10.7	1.527	2.522	5.7	20.5
8 19	22 1.05	−10 48.1	1.524	2.535	1.1	20.2
8 29	21 51.94	−11 26.2	1.548	2.549	3.8	20.4
9 8	21 43.87	−11 59.6	1.597	2.562	8.2	20.7
9 18	21 37.72	−12 24.5	1.671	2.575	12.2	21.0
9 28	21 34.04	−12 38.6	1.767	2.588	15.4	21.2

159148 2004 XZ_{76} 8 20.6 261°.90 0°.3/20.9 18

7 20	22 19.17	− 9 19.8	2.431	3.309	10.3	20.7
7 30	22 14.25	− 9 45.8	2.351	3.299	7.5	20.5
8 9	22 7.95	−10 19.8	2.296	3.289	4.2	20.3
8 19	22 0.77	−10 58.8	2.268	3.279	0.8	20.0
8 29	21 53.38	−11 39.0	2.268	3.269	2.9	20.1
9 8	21 46.51	−12 16.4	2.297	3.258	6.3	20.4
9 18	21 40.81	−12 47.8	2.352	3.248	9.5	20.5
9 28	21 36.81	−13 10.7	2.431	3.237	12.2	20.7

321748 2010 NU_{3} 8 20.6 346°.90 4°.2/17.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 17.96	−15 59.0	0.988	1.920	17.0	20.2
7 30	22 14.83	−17 24.5	0.936	1.911	12.0	19.9
8 9	22 8.83	−19 1.8	0.903	1.904	6.9	19.6
8 19	22 0.91	−20 38.6	0.891	1.898	4.3	19.4
8 29	21 52.62	−22 1.4	0.901	1.893	8.2	19.6
9 8	21 45.65	−22 59.8	0.932	1.890	13.6	19.9
9 18	21 41.32	−23 29.1	0.982	1.887	18.4	20.2
9 28	21 40.46	−23 29.4	1.048	1.886	22.5	20.5

239711 2009 AA_{30} 8 20.6 249°.14 1°.2/21.6 18

7 20	22 21.42	− 7 7.5	1.861	2.740	13.0	20.8
7 30	22 16.16	− 7 29.2	1.789	2.736	9.5	20.6
8 9	22 9.11	− 8 2.9	1.741	2.733	5.6	20.3
8 19	22 0.93	− 8 45.1	1.719	2.729	1.6	20.1
8 29	21 52.53	− 9 30.9	1.723	2.725	3.5	20.2
9 8	21 44.87	−10 15.0	1.755	2.721	7.5	20.4
9 18	21 38.77	−10 52.9	1.812	2.717	11.3	20.7
9 28	21 34.87	−11 21.2	1.891	2.713	14.5	20.9

395719 2012 TZ_{270} 8 20.6 228°.54 1°.3/21.8 18

7 20	22 21.66	− 6 3.8	2.182	3.050	11.8	22.6
7 30	22 16.18	− 6 29.2	2.099	3.040	8.7	22.4
8 9	22 9.08	− 7 6.3	2.041	3.029	5.2	22.2
8 19	22 0.93	− 7 51.8	2.009	3.018	1.8	21.9
8 29	21 52.51	− 8 41.7	2.006	3.007	3.1	22.0
9 8	21 44.68	− 9 31.0	2.031	2.994	6.8	22.2
9 18	21 38.17	−10 15.4	2.082	2.982	10.3	22.4
9 28	21 33.60	−10 51.5	2.156	2.969	13.3	22.6

48151 2001 FJ_{169} 8 20.6 239°.30 1°.4/21.9 18

7 20	22 19.68	− 4 43.6	1.990	2.861	12.6	19.2
7 30	22 14.88	− 5 31.3	1.912	2.854	9.3	19.0
8 9	22 8.40	− 6 34.0	1.857	2.846	5.6	18.8
8 19	22 0.84	− 7 47.7	1.829	2.838	1.9	18.5
8 29	21 53.02	− 9 6.4	1.829	2.830	3.3	18.6
9 8	21 45.81	−10 23.7	1.856	2.822	7.2	18.8
9 18	21 40.02	−11 33.8	1.910	2.814	10.9	19.0
9 28	21 36.25	−12 32.2	1.986	2.805	14.1	19.2

114165 2002 VB_{72} 8 20.6 25°.20 8°.4/13.4 18

7 20	22 22.20	−30 22.1	1.517	2.428	13.4	18.6
7 30	22 17.12	−31 55.9	1.482	2.435	10.6	18.5
8 9	22 9.74	−33 20.0	1.470	2.443	8.7	18.4
8 19	22 1.02	−34 24.5	1.481	2.450	8.8	18.4
8 29	21 52.24	−35 2.3	1.517	2.459	10.8	18.5
9 8	21 44.71	−35 10.8	1.574	2.468	13.5	18.7
9 18	21 39.39	−34 51.8	1.652	2.478	16.3	18.9
9 28	21 36.88	−34 9.2	1.747	2.488	18.6	19.1

382887 2004 PJ_{27} 8 20.6 317°.56 3°.7/17.6 18

7 20	22 19.72	−16 50.2	1.396	2.311	14.1	20.2
7 30	22 15.58	−18 10.3	1.329	2.297	10.0	20.0
8 9	22 9.07	−19 39.0	1.284	2.283	5.8	19.7
8 19	22 0.95	−21 7.2	1.264	2.270	3.8	19.5
8 29	21 52.43	−22 24.5	1.268	2.257	7.1	19.7
9 8	21 44.83	−23 23.0	1.297	2.244	11.5	19.9
9 18	21 39.29	−23 58.3	1.347	2.232	15.8	20.1
9 28	21 36.61	−24 9.6	1.415	2.221	19.3	20.4

385838 2006 HW_{90} 8 20.6 141°.96 2°.4/18.4 18

7 20	22 22.19	−16 11.1	1.952	2.849	11.6	21.6
7 30	22 16.61	−17 10.4	1.895	2.854	8.2	21.4
8 9	22 9.31	−18 14.1	1.863	2.860	4.5	21.2
8 19	22 0.97	−19 16.3	1.858	2.865	2.4	21.1
8 29	21 52.50	−20 10.8	1.880	2.870	4.9	21.3
9 8	21 44.84	−20 52.8	1.930	2.875	8.5	21.5
9 18	21 38.78	−21 19.8	2.004	2.879	11.8	21.7
9 28	21 34.88	−21 31.2	2.099	2.883	14.6	21.9

19832 2000 SS_{226} 8 20.6 233°.55 2°.3/22.8 18

7 20	22 20.29	− 2 22.2	1.970	2.832	13.1	18.6
7 30	22 15.35	− 3 4.2	1.889	2.823	9.9	18.4
8 9	22 8.69	− 4 3.1	1.831	2.814	6.2	18.1
8 19	22 0.90	− 5 15.6	1.799	2.805	2.8	17.9
8 29	21 52.82	− 6 36.1	1.795	2.795	3.5	17.9
9 8	21 45.36	− 7 57.8	1.818	2.785	7.2	18.2
9 18	21 39.32	− 9 14.3	1.868	2.775	10.9	18.4
9 28	21 35.34	−10 20.6	1.941	2.764	14.2	18.6

496174 2011 CQ_{4} 8 20.6 97°.14 11°.3/11.9 17

7 20	22 44.30	−39 1.4	1.660	2.524	15.0	22.3
7 30	22 32.58	−41 28.4	1.665	2.573	12.6	22.3
8 9	22 18.05	−43 29.6	1.696	2.620	11.4	22.3
8 19	22 2.15	−44 53.9	1.753	2.665	11.7	22.5
8 29	21 46.74	−45 36.9	1.836	2.708	13.1	22.6
9 8	21 33.50	−45 41.3	1.941	2.749	15.0	22.9
9 18	21 23.51	−45 14.1	2.065	2.787	16.7	23.1
9 28	21 17.24	−44 23.7	2.205	2.824	18.2	23.3

339221 2004 TD_{322} 8 20.6 347°.99 0°.9/20.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 20.36	−12 32.3	1.265	2.177	15.5	20.3
7 30	22 16.05	−12 55.2	1.204	2.170	11.1	20.0
8 9	22 9.31	−13 28.3	1.163	2.163	6.1	19.7
8 19	22 1.00	−14 6.0	1.145	2.157	1.0	19.3
8 29	21 52.40	−14 41.2	1.152	2.152	5.0	19.6
9 8	21 44.89	−15 7.5	1.182	2.148	10.2	19.9
9 18	21 39.58	−15 20.7	1.233	2.146	14.8	20.1
9 28	21 37.22	−15 18.9	1.303	2.144	18.8	20.4

375703 2009 PD_{5} 8 20.6 4°.26 0°.4/20.8 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 20.57	−11 22.2	0.966	1.889	18.2	19.5
7 30	22 16.56	−11 12.3	0.918	1.887	13.1	19.3
8 9	22 9.69	−11 14.6	0.887	1.887	7.4	19.0
8 19	22 1.05	−11 24.3	0.878	1.889	1.2	18.6
8 29	21 52.22	−11 35.4	0.890	1.893	5.1	18.9
9 8	21 44.86	−11 41.7	0.923	1.898	11.0	19.2
9 18	21 40.19	−11 39.1	0.976	1.905	16.2	19.5
9 28	21 38.93	−11 25.0	1.047	1.914	20.5	19.8

505135 2012 HQ_{57} 8 20.6 51°.69 4°.8/24.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 21.47	+ 0 57.1	1.342	2.210	17.6	21.0
7 30	22 16.55	+ 0 48.3	1.289	2.221	13.6	20.8
8 9	22 9.44	+ 0 15.6	1.256	2.233	9.3	20.6
8 19	22 1.00	− 0 38.2	1.245	2.244	5.5	20.4
8 29	21 52.44	− 1 47.0	1.259	2.256	5.4	20.4
9 8	21 44.98	− 3 2.0	1.297	2.269	9.0	20.6
9 18	21 39.61	− 4 14.8	1.359	2.281	13.0	20.9
9 28	21 36.94	− 5 18.2	1.441	2.294	16.7	21.2

311982 2007 ES_{200} 8 20.6 188°.42 1°.8/18.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 18.87	−15 14.4	2.348	3.242	10.1	20.3
7 30	22 14.08	−16 15.9	2.283	3.242	7.1	20.1
8 9	22 7.88	−17 22.3	2.244	3.241	3.9	19.9
8 19	22 0.81	−18 28.6	2.233	3.241	1.9	19.7
8 29	21 53.57	−19 29.5	2.250	3.240	4.2	19.9
9 8	21 46.93	−20 20.5	2.295	3.240	7.3	20.1
9 18	21 41.54	−20 58.8	2.365	3.239	10.3	20.3
9 28	21 37.91	−21 23.0	2.458	3.238	12.8	20.5

175349 2005 OA_{6} 8 20.6 47°.52 1°.0/19.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 19.88	−12 18.6	1.877	2.772	12.1	19.8
7 30	22 15.00	−13 6.7	1.820	2.778	8.5	19.6
8 9	22 8.45	−14 2.6	1.786	2.784	4.6	19.4
8 19	22 0.89	−15 1.0	1.779	2.790	1.0	19.1
8 29	21 53.20	−15 56.1	1.799	2.797	4.0	19.4
9 8	21 46.32	−16 42.5	1.846	2.804	7.9	19.6
9 18	21 40.99	−17 16.8	1.918	2.810	11.4	19.9
9 28	21 37.76	−17 37.2	2.011	2.817	14.4	20.1

220365 2003 NX_{12} 8 20.6 354°.42 1°.8/22.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 12.64	− 2 15.6	1.460	2.348	15.3	19.4
7 30	22 10.28	− 3 34.9	1.390	2.340	11.4	19.2
8 9	22 6.04	− 5 18.7	1.342	2.333	6.9	18.9
8 19	22 0.57	− 7 20.7	1.319	2.328	2.5	18.6
8 29	21 54.82	− 9 31.1	1.321	2.324	3.8	18.7
9 8	21 49.85	−11 38.1	1.349	2.322	8.5	19.0
9 18	21 46.54	−13 31.7	1.401	2.320	12.9	19.2
9 28	21 45.59	−15 4.7	1.474	2.321	16.6	19.5

73619 3322 $T\text{-}_{3}$ 8 20.6 276°.15 4°.5/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 19.45	+ 2 52.6	1.910	2.752	14.3	19.1
7 30	22 14.88	+ 2 32.6	1.818	2.733	11.3	18.9
8 9	22 8.52	+ 1 51.7	1.748	2.715	8.0	18.6
8 19	22 0.92	+ 0 51.2	1.702	2.696	5.1	18.4
8 29	21 52.93	− 0 24.9	1.683	2.677	4.8	18.4
9 8	21 45.48	− 1 50.0	1.691	2.658	7.7	18.5
9 18	21 39.45	− 3 16.9	1.725	2.639	11.2	18.7
9 28	21 35.55	− 4 38.4	1.781	2.619	14.6	18.9

41994 2000 YX_{38} 8 20.6 192°.82 3°.7/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 21.75	−18 59.5	1.905	2.807	11.6	18.5
7 30	22 16.45	−20 21.6	1.845	2.806	8.2	18.2
8 9	22 9.31	−21 47.0	1.810	2.805	5.0	18.0
8 19	22 1.02	−23 8.2	1.803	2.804	3.8	18.0
8 29	21 52.51	−24 17.9	1.823	2.802	6.2	18.1
9 8	21 44.79	−25 10.7	1.869	2.801	9.6	18.3
9 18	21 38.69	−25 44.1	1.939	2.799	12.8	18.5
9 28	21 34.86	−25 58.1	2.029	2.796	15.5	18.7

494521 2016 YT_{12} 8 20.6 291°.95 1°.9/19.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 23.97	−18 7.8	2.257	3.148	10.5	20.7
7 30	22 17.73	−18 16.6	2.185	3.142	7.5	20.5
8 9	22 9.90	−18 26.2	2.139	3.135	4.2	20.3
8 19	22 1.10	−18 33.1	2.121	3.129	1.9	20.1
8 29	21 52.15	−18 33.9	2.131	3.123	4.2	20.3
9 8	21 43.94	−18 26.4	2.169	3.117	7.5	20.5
9 18	21 37.17	−18 9.5	2.232	3.111	10.6	20.7
9 28	21 32.39	−17 43.2	2.318	3.105	13.3	20.9

482261 2011 QP_{32} 8 20.6 358°.08 0°.8/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 20.68	−12 3.0	1.662	2.560	13.2	21.2
7 30	22 15.80	−12 39.7	1.599	2.559	9.4	21.0
8 9	22 8.99	−13 25.4	1.560	2.558	5.1	20.7
8 19	22 0.98	−14 14.7	1.546	2.558	0.9	20.4
8 29	21 52.78	−15 1.6	1.559	2.557	4.2	20.7
9 8	21 45.45	−15 40.4	1.597	2.558	8.6	20.9
9 18	21 39.88	−16 7.3	1.659	2.558	12.5	21.2
9 28	21 36.68	−16 20.4	1.742	2.559	15.8	21.4

18865 1999 RQ_{204} 8 20.6 270°.21 3°.8/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 20.48	+ 0 16.5	2.239	3.082	12.4	17.7
7 30	22 15.28	+ 0 26.9	2.160	3.078	9.7	17.5
8 9	22 8.59	+ 0 23.4	2.104	3.073	6.7	17.4
8 19	22 0.94	+ 0 6.8	2.074	3.069	4.3	17.2
8 29	21 53.08	− 0 20.3	2.072	3.064	4.2	17.2
9 8	21 45.80	− 0 54.3	2.097	3.060	6.7	17.3
9 18	21 39.79	− 1 30.8	2.148	3.055	9.7	17.5
9 28	21 35.62	− 2 5.7	2.222	3.051	12.4	17.7

58415 1996 AM 8 20.6 279°.25 4°.3/17.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 23.80	−17 52.9	1.297	2.212	15.1	18.4
7 30	22 18.73	−19 11.6	1.230	2.197	10.8	18.1
8 9	22 10.95	−20 38.1	1.185	2.183	6.4	17.9
8 19	22 1.30	−22 2.4	1.163	2.168	4.4	17.7
8 29	21 51.14	−23 13.4	1.167	2.153	7.8	17.9
9 8	21 42.02	−24 2.9	1.193	2.139	12.5	18.1
9 18	21 35.25	−24 27.3	1.241	2.124	17.0	18.3
9 28	21 31.72	−24 26.8	1.306	2.109	20.8	18.5

479075 2013 AA_{91} 8 20.6 262°.67 2°.5/18.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 20.83	−16 17.9	2.070	2.967	11.1	21.6
7 30	22 15.80	−17 27.6	1.990	2.950	7.8	21.4
8 9	22 8.99	−18 43.6	1.935	2.932	4.4	21.2
8 19	22 1.01	−19 59.7	1.908	2.915	2.6	21.0
8 29	21 52.68	−21 9.2	1.909	2.896	5.1	21.1
9 8	21 44.94	−22 6.4	1.937	2.878	8.7	21.3
9 18	21 38.62	−22 47.8	1.989	2.859	12.1	21.5
9 28	21 34.39	−23 12.0	2.063	2.840	15.0	21.7

517722 2015 KS_{167} 8 20.6 238°.71 3°.9/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 22.28	−19 50.3	1.843	2.747	11.9	21.4
7 30	22 16.93	−21 5.0	1.779	2.741	8.5	21.2
8 9	22 9.64	−22 22.5	1.740	2.734	5.2	21.0
8 19	22 1.10	−23 35.3	1.726	2.727	4.0	20.9
8 29	21 52.29	−24 36.1	1.740	2.720	6.5	21.1
9 8	21 44.29	−25 19.7	1.780	2.712	10.0	21.3
9 18	21 37.98	−25 43.7	1.844	2.705	13.3	21.5
9 28	21 34.03	−25 48.3	1.927	2.697	16.2	21.7

243113 2007 RH_{145} 8 20.6 313°.17 5°.4/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 19.09	+ 2 39.2	1.634	2.487	15.8	19.7
7 30	22 14.86	+ 2 45.4	1.550	2.470	12.6	19.5
8 9	22 8.61	+ 2 30.1	1.486	2.454	9.1	19.2
8 19	22 0.97	+ 1 53.7	1.446	2.438	6.1	19.0
8 29	21 52.91	+ 0 59.2	1.430	2.422	5.8	19.0
9 8	21 45.52	− 0 6.9	1.439	2.407	8.6	19.1
9 18	21 39.78	− 1 17.4	1.472	2.392	12.4	19.3
9 28	21 36.45	− 2 24.6	1.527	2.378	16.0	19.5

316890 2000 SY_{57} 8 20.6 338°.31 0°.4/20.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 18.77	−11 14.9	1.180	2.095	16.2	19.9
7 30	22 15.15	−11 36.4	1.112	2.079	11.7	19.6
8 9	22 8.97	−12 11.0	1.064	2.064	6.5	19.3
8 19	22 1.03	−12 53.2	1.038	2.050	0.9	18.9
8 29	21 52.65	−13 35.5	1.036	2.037	5.0	19.1
9 8	21 45.31	−14 10.2	1.056	2.026	10.6	19.4
9 18	21 40.23	−14 32.0	1.097	2.016	15.6	19.7
9 28	21 38.27	−14 37.6	1.155	2.008	19.9	19.9

220068 2002 RX_{154} 8 20.6 293°.20 0°.4/20.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 25.63	−12 15.4	1.462	2.359	14.8	20.4
7 30	22 19.91	−12 24.2	1.375	2.333	10.7	20.1
8 9	22 11.59	−12 41.9	1.309	2.306	6.0	19.8
8 19	22 1.41	−13 4.4	1.268	2.280	0.8	19.3
8 29	21 50.58	−13 25.8	1.253	2.253	4.7	19.6
9 8	21 40.53	−13 40.9	1.262	2.226	10.0	19.8
9 18	21 32.54	−13 45.7	1.295	2.199	14.9	20.0
9 28	21 27.55	−13 38.2	1.347	2.173	19.1	20.2

338726 2003 UY_{103} 8 20.6 350°.02 1°.8/21.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 23.47	− 8 18.6	1.424	2.317	15.4	19.6
7 30	22 18.06	− 7 59.8	1.358	2.312	11.3	19.4
8 9	22 10.37	− 7 52.3	1.314	2.307	6.7	19.1
8 19	22 1.22	− 7 53.7	1.294	2.304	2.3	18.8
8 29	21 51.82	− 8 0.4	1.299	2.301	4.2	19.0
9 8	21 43.43	− 8 7.8	1.329	2.299	9.0	19.2
9 18	21 37.11	− 8 12.2	1.382	2.297	13.3	19.5
9 28	21 33.56	− 8 10.4	1.455	2.297	17.1	19.7

315040 2007 CR_{26} 8 20.6 222°.56 5°.3/14.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 21.19	−27 23.0	2.416	3.313	9.7	21.0
7 30	22 15.83	−28 37.2	2.358	3.309	7.3	20.8
8 9	22 8.91	−29 47.7	2.326	3.304	5.6	20.7
8 19	22 1.01	−30 48.3	2.321	3.298	5.5	20.7
8 29	21 52.93	−31 33.9	2.344	3.293	7.1	20.8
9 8	21 45.50	−32 1.5	2.392	3.287	9.5	20.9
9 18	21 39.45	−32 10.2	2.464	3.281	11.8	21.1
9 28	21 35.33	−32 1.2	2.556	3.275	13.8	21.2

147692 2004 RY_{214} 8 20.6 44°.07 5°.1/24.8 18

7 20	22 22.03	+ 2 15.8	1.948	2.787	14.1	19.3
7 30	22 16.45	+ 2 47.1	1.887	2.798	11.2	19.1
8 9	22 9.24	+ 3 1.9	1.848	2.809	8.1	18.9
8 19	22 1.05	+ 3 0.3	1.833	2.820	5.6	18.8
8 29	21 52.75	+ 2 44.4	1.845	2.832	5.4	18.8
9 8	21 45.23	+ 2 18.4	1.884	2.844	7.6	19.0
9 18	21 39.23	+ 1 46.8	1.948	2.856	10.5	19.2
9 28	21 35.30	+ 1 14.7	2.034	2.868	13.2	19.4

154606 2003 QK_{45} 8 20.6 314°.93 2°.7/18.2 18

7 20	22 20.70	−18 38.3	2.082	2.982	10.9	19.5
7 30	22 15.60	−19 14.4	2.011	2.972	7.7	19.3
8 9	22 8.83	−19 52.6	1.965	2.962	4.5	19.1
8 19	22 1.00	−20 27.9	1.946	2.952	2.7	19.0
8 29	21 52.97	−20 55.7	1.954	2.942	5.0	19.1
9 8	21 45.63	−21 12.1	1.988	2.932	8.4	19.3
9 18	21 39.76	−21 15.5	2.047	2.923	11.6	19.5
9 28	21 35.93	−21 5.3	2.127	2.914	14.3	19.7

473318 2015 RP_{185} 8 20.6 320°.52 3°.3/23.9 18

7 20	22 17.25	+ 0 9.9	2.052	2.906	13.0	20.6
7 30	22 13.14	− 0 15.5	1.971	2.897	10.0	20.4
8 9	22 7.48	− 0 58.2	1.913	2.889	6.7	20.2
8 19	22 0.82	− 1 55.8	1.881	2.881	3.8	20.0
8 29	21 53.91	− 3 4.1	1.875	2.873	3.9	20.0
9 8	21 47.59	− 4 17.1	1.896	2.865	6.8	20.2
9 18	21 42.56	− 5 28.8	1.944	2.858	10.2	20.4
9 28	21 39.42	− 6 33.9	2.014	2.851	13.2	20.6

104238 2000 EB_{133} 8 20.6 69°.25 1°.2/19.7 18

7 20	22 22.65	−13 53.6	1.835	2.730	12.4	19.3
7 30	22 17.02	−14 22.8	1.777	2.735	8.7	19.1
8 9	22 9.60	−14 57.8	1.743	2.740	4.7	18.9
8 19	22 1.12	−15 33.9	1.734	2.745	1.2	18.7
8 29	21 52.53	−16 6.0	1.753	2.750	4.2	18.9
9 8	21 44.81	−16 29.8	1.799	2.755	8.1	19.1
9 18	21 38.76	−16 42.7	1.869	2.761	11.7	19.4
9 28	21 34.97	−16 43.5	1.960	2.766	14.7	19.6

254326 2004 SJ_{4} 8 20.6 253°.95 3°.3/24.2 18

7 20	22 18.07	+ 0 45.1	2.264	3.109	12.2	20.4
7 30	22 13.57	+ 0 21.4	2.187	3.107	9.5	20.2
8 9	22 7.65	− 0 18.0	2.133	3.105	6.4	20.0
8 19	22 0.85	− 1 11.1	2.105	3.102	3.8	19.8
8 29	21 53.86	− 2 14.1	2.104	3.100	3.7	19.8
9 8	21 47.43	− 3 21.7	2.132	3.098	6.4	20.0
9 18	21 42.21	− 4 28.7	2.186	3.096	9.4	20.2
9 28	21 38.73	− 5 30.1	2.263	3.094	12.2	20.4

169635 2002 JZ_{13} 8 20.6 177°.29 10°.1/ 9.7 18

7 20	22 30.47	−38 44.2	1.942	2.819	12.6	19.9
7 30	22 23.06	−40 47.4	1.907	2.822	10.9	19.8
8 9	22 13.14	−42 35.4	1.896	2.824	10.1	19.8
8 19	22 1.64	−43 58.4	1.911	2.825	10.7	19.8
8 29	21 49.87	−44 49.6	1.949	2.826	12.3	19.9
9 8	21 39.25	−45 7.3	2.010	2.825	14.3	20.1
9 18	21 30.91	−44 54.3	2.090	2.824	16.3	20.2
9 28	21 25.58	−44 15.8	2.186	2.822	17.9	20.4

21105 1992 PU_{1} 8 20.6 68°.36 0°.8/21.4 18

7 20	22 19.44	− 7 33.5	2.117	2.995	11.7	18.4
7 30	22 14.51	− 8 7.5	2.062	3.009	8.4	18.2
8 9	22 8.13	− 8 51.6	2.030	3.023	4.8	18.1
8 19	22 0.91	− 9 41.9	2.025	3.036	1.2	17.8
8 29	21 53.63	−10 33.7	2.049	3.050	3.0	18.0
9 8	21 47.07	−11 22.2	2.100	3.064	6.6	18.2
9 18	21 41.87	−12 3.7	2.176	3.078	9.8	18.5
9 28	21 38.53	−12 35.3	2.276	3.091	12.6	18.7

217646 1998 KQ_{26} 8 20.6 7°.64 0°.4/20.2 18

7 20	22 17.01	− 8 37.5	1.806	2.699	12.7	19.7
7 30	22 13.10	− 9 55.1	1.743	2.699	9.0	19.5
8 9	22 7.50	−11 25.9	1.704	2.700	4.9	19.2
8 19	22 0.84	−13 3.7	1.690	2.702	0.7	18.9
8 29	21 53.98	−14 40.6	1.705	2.704	3.9	19.2
9 8	21 47.85	−16 8.7	1.746	2.707	8.0	19.4
9 18	21 43.22	−17 22.6	1.812	2.710	11.7	19.7
9 28	21 40.67	−18 18.8	1.900	2.713	14.8	19.9

132540 2002 JY_{72} 8 20.6 25°.39 8°.8/12.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 20.28	−28 18.7	1.305	2.226	14.4	18.0
7 30	22 16.02	−30 22.9	1.275	2.236	11.2	17.9
8 9	22 9.29	−32 18.2	1.268	2.246	9.0	17.8
8 19	22 1.09	−33 52.5	1.284	2.257	9.3	17.8
8 29	21 52.81	−34 56.2	1.323	2.269	11.6	18.0
9 8	21 45.86	−35 25.8	1.383	2.282	14.7	18.2
9 18	21 41.28	−35 22.9	1.462	2.296	17.6	18.5
9 28	21 39.68	−34 51.9	1.558	2.310	20.1	18.7

152105 2004 RM_{121} 8 20.6 296°.77 1°.0/19.7 18

7 20	22 20.27	−13 33.1	2.103	2.995	11.1	20.5
7 30	22 15.27	−14 4.9	2.029	2.986	7.9	20.3
8 9	22 8.65	−14 42.8	1.979	2.976	4.3	20.0
8 19	22 1.01	−15 22.6	1.955	2.966	1.1	19.8
8 29	21 53.13	−15 59.6	1.960	2.957	3.8	20.0
9 8	21 45.91	−16 29.6	1.992	2.948	7.5	20.2
9 18	21 40.07	−16 49.6	2.049	2.938	10.9	20.4
9 28	21 36.21	−16 58.0	2.127	2.929	13.8	20.6

429611 2011 FS_{13} 8 20.6 86°.82 3°.6/17.9 17

7 20	22 25.77	−19 44.3	1.627	2.530	13.2	21.1
7 30	22 19.36	−20 30.7	1.583	2.544	9.4	20.9
8 9	22 10.91	−21 17.5	1.562	2.557	5.5	20.8
8 19	22 1.31	−21 58.1	1.566	2.570	3.7	20.7
8 29	21 51.72	−22 26.4	1.597	2.583	6.2	20.9
9 8	21 43.28	−22 38.9	1.654	2.596	9.9	21.1
9 18	21 36.87	−22 34.7	1.734	2.609	13.4	21.4
9 28	21 33.06	−22 14.9	1.834	2.621	16.3	21.6

102485 1999 TQ_{258} 8 20.6 264°.80 0°.1/20.6 18

7 20	22 22.76	−10 22.3	1.942	2.827	12.3	20.6
7 30	22 17.24	−10 48.2	1.857	2.809	8.9	20.4
8 9	22 9.85	−11 23.5	1.796	2.791	5.0	20.1
8 19	22 1.19	−12 4.4	1.761	2.772	0.7	19.8
8 29	21 52.17	−12 45.9	1.754	2.754	3.7	20.0
9 8	21 43.77	−13 22.9	1.774	2.735	7.9	20.2
9 18	21 36.89	−13 51.7	1.819	2.715	11.7	20.4
9 28	21 32.22	−14 9.5	1.886	2.696	15.0	20.6

67558 2000 SP_{83} 8 20.6 25°.82 2°.4/19.1 17

7 20	22 22.56	−14 13.1	1.112	2.031	16.7	19.3
7 30	22 17.78	−15 7.0	1.066	2.035	11.8	19.0
8 9	22 10.33	−16 10.7	1.040	2.041	6.4	18.7
8 19	22 1.25	−17 15.2	1.036	2.047	2.4	18.5
8 29	21 52.04	−18 10.8	1.056	2.053	6.3	18.8
9 8	21 44.21	−18 49.9	1.099	2.061	11.5	19.1
9 18	21 38.92	−19 8.9	1.162	2.068	16.1	19.4
9 28	21 36.84	−19 7.6	1.244	2.077	19.9	19.7

298267 2002 WL_{20} 8 20.6 281°.82 2°.2/22.5 18

7 20	22 20.47	− 4 14.8	1.941	2.811	12.9	20.6
7 30	22 15.57	− 4 29.9	1.857	2.796	9.7	20.4
8 9	22 8.91	− 4 59.1	1.796	2.781	6.1	20.2
8 19	22 1.06	− 5 39.7	1.760	2.767	2.7	19.9
8 29	21 52.89	− 6 27.6	1.751	2.752	3.6	20.0
9 8	21 45.33	− 7 17.6	1.770	2.737	7.3	20.2
9 18	21 39.21	− 8 4.5	1.813	2.722	11.1	20.4
9 28	21 35.18	− 8 43.9	1.879	2.708	14.4	20.5

198372 2004 VE_{21} 8 20.6 308°.66 0°.6/20.1 18

7 20	22 20.90	−11 14.2	1.550	2.450	13.9	20.2
7 30	22 16.21	−11 54.5	1.478	2.438	10.0	19.9
8 9	22 9.39	−12 46.1	1.428	2.426	5.5	19.6
8 19	22 1.14	−13 43.7	1.403	2.414	0.9	19.3
8 29	21 52.54	−14 40.1	1.404	2.403	4.5	19.5
9 8	21 44.77	−15 28.6	1.430	2.392	9.2	19.8
9 18	21 38.84	−16 4.4	1.479	2.382	13.5	20.0
9 28	21 35.50	−16 24.6	1.548	2.372	17.1	20.2

299855 2006 SW_{258} 8 20.6 9°.65 0°.4/20.3 18

7 20	22 21.24	−11 41.8	1.800	2.693	12.6	20.9
7 30	22 16.09	−12 8.7	1.737	2.694	9.0	20.7
8 9	22 9.14	−12 43.8	1.698	2.695	4.9	20.4
8 19	22 1.09	−13 22.6	1.684	2.696	0.7	20.1
8 29	21 52.87	−13 59.8	1.697	2.697	3.8	20.4
9 8	21 45.48	−14 30.7	1.737	2.698	8.0	20.6
9 18	21 39.72	−14 52.0	1.801	2.700	11.7	20.8
9 28	21 36.20	−15 1.7	1.887	2.702	14.8	21.1

511515 2014 PR_{4} 8 20.6 113°.54 2°.7/23.1 18

7 20	22 24.67	− 2 47.1	2.670	3.510	10.7	21.7
7 30	22 17.92	− 2 25.0	2.606	3.526	8.1	21.6
8 9	22 9.91	− 2 12.3	2.568	3.542	5.4	21.4
8 19	22 1.19	− 2 8.1	2.558	3.558	3.1	21.3
8 29	21 52.42	− 2 10.8	2.578	3.573	3.3	21.3
9 8	21 44.29	− 2 17.8	2.628	3.588	5.7	21.5
9 18	21 37.38	− 2 26.6	2.705	3.602	8.3	21.7
9 28	21 32.12	− 2 34.6	2.807	3.616	10.7	21.9

504814 2010 EW_{104} 8 20.6 230°.71 9°.7/10.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 36.19	−44 46.2	2.487	3.327	11.4	21.7
7 30	22 26.82	−45 51.1	2.431	3.311	10.2	21.6
8 9	22 15.10	−46 39.3	2.398	3.294	9.7	21.5
8 19	22 1.93	−47 3.7	2.390	3.276	10.0	21.5
8 29	21 48.60	−46 59.8	2.407	3.258	11.2	21.6
9 8	21 36.43	−46 27.0	2.448	3.238	12.7	21.6
9 18	21 26.46	−45 28.6	2.509	3.218	14.4	21.7
9 28	21 19.38	−44 9.6	2.589	3.197	15.9	21.9

6304 Josephus Flavius 8 20.6 341°.46 1°.0/21.2 18

7 20	22 20.68	− 8 46.1	1.057	1.970	17.8	16.6
7 30	22 16.69	− 8 59.2	0.996	1.960	13.0	16.3
8 9	22 9.90	− 9 29.3	0.954	1.952	7.5	16.0
8 19	22 1.23	−10 11.2	0.933	1.945	1.7	15.6
8 29	21 52.15	−10 57.3	0.935	1.938	5.0	15.8
9 8	21 44.28	−11 38.9	0.959	1.933	10.9	16.1
9 18	21 38.94	−12 9.5	1.003	1.928	16.2	16.4
9 28	21 36.97	−12 24.8	1.064	1.925	20.6	16.7

164999 2000 BS_{25} 8 20.6 214°.47 1°.3/21.7 18

7 20	22 23.23	− 7 15.1	2.175	3.044	11.7	20.6
7 30	22 17.31	− 7 22.8	2.097	3.039	8.6	20.4
8 9	22 9.77	− 7 40.0	2.044	3.033	5.1	20.2
8 19	22 1.21	− 8 4.2	2.018	3.027	1.7	19.9
8 29	21 52.42	− 8 31.9	2.020	3.021	3.1	20.0
9 8	21 44.27	− 8 59.2	2.050	3.014	6.8	20.3
9 18	21 37.51	− 9 22.7	2.107	3.007	10.2	20.5
9 28	21 32.72	− 9 39.7	2.186	2.999	13.1	20.7

476250 2007 VU_{79} 8 20.6 348°.71 3°.4/23.4 16

7 20	22 20.51	− 1 43.3	1.770	2.634	14.2	21.1
7 30	22 15.63	− 1 46.8	1.699	2.632	10.9	20.9
8 9	22 8.94	− 2 6.7	1.651	2.631	7.2	20.7
8 19	22 1.09	− 2 41.0	1.627	2.629	3.9	20.5
8 29	21 53.02	− 3 25.7	1.630	2.628	4.2	20.5
9 8	21 45.70	− 4 15.1	1.659	2.627	7.6	20.7
9 18	21 39.98	− 5 3.6	1.713	2.627	11.3	21.0
9 28	21 36.49	− 5 46.2	1.788	2.626	14.6	21.2

506465 2002 LC_{35} 8 20.6 26°.44 10°.7/28.7 17

7 20	22 17.53	+ 9 35.5	0.894	1.761	24.4	19.8
7 30	22 14.33	+10 15.0	0.861	1.778	20.3	19.6
8 9	22 8.45	+10 12.5	0.843	1.798	15.9	19.5
8 19	22 1.02	+ 9 27.5	0.842	1.819	12.2	19.4
8 29	21 53.59	+ 8 6.6	0.860	1.842	10.7	19.4
9 8	21 47.67	+ 6 23.0	0.898	1.867	12.2	19.6
9 18	21 44.35	+ 4 31.5	0.956	1.893	15.5	19.8
9 28	21 44.21	+ 2 46.1	1.032	1.920	19.0	20.2

206046 2002 QR_{74} 8 20.6 13°.44 0°.7/20.1 18

7 20	22 21.87	−12 18.8	1.661	2.558	13.3	20.8
7 30	22 16.67	−12 48.3	1.600	2.559	9.5	20.6
8 9	22 9.53	−13 26.1	1.563	2.560	5.2	20.3
8 19	22 1.19	−14 7.1	1.550	2.562	0.9	20.0
8 29	21 52.68	−14 45.6	1.565	2.564	4.2	20.3
9 8	21 45.08	−15 16.5	1.605	2.566	8.5	20.6
9 18	21 39.27	−15 36.3	1.669	2.568	12.4	20.8
9 28	21 35.86	−15 43.3	1.754	2.571	15.7	21.0

255577 2006 KY_{123} 8 20.6 102°.43 13°.6/31.9 17

7 20	22 28.05	+20 40.4	1.606	2.340	20.9	19.9
7 30	22 21.28	+22 13.8	1.551	2.355	18.7	19.8
8 9	22 12.18	+23 14.7	1.512	2.369	16.4	19.7
8 19	22 1.58	+23 38.0	1.493	2.384	14.6	19.6
8 29	21 50.68	+23 22.2	1.494	2.398	13.7	19.6
9 8	21 40.82	+22 31.8	1.517	2.411	13.9	19.6
9 18	21 33.05	+21 15.2	1.561	2.425	15.2	19.7
9 28	21 28.12	+19 43.5	1.626	2.437	17.0	19.9

472311 2014 YK_{6} 8 20.6 325°.53 2°.9/18.5 18

7 20	22 19.55	−13 50.6	1.131	2.052	16.2	19.8
7 30	22 15.87	−15 8.9	1.068	2.039	11.6	19.5
8 9	22 9.47	−16 41.4	1.026	2.027	6.4	19.2
8 19	22 1.21	−18 18.2	1.007	2.016	2.9	18.9
8 29	21 52.48	−19 46.7	1.010	2.005	6.9	19.1
9 8	21 44.86	−20 56.5	1.037	1.996	12.3	19.4
9 18	21 39.64	−21 41.5	1.083	1.987	17.2	19.7
9 28	21 37.71	−21 59.9	1.147	1.979	21.4	19.9

75748 2000 AY_{154} 8 20.6 322°.15 6°.0/16.6 18

7 20	22 24.17	−22 45.2	1.285	2.203	14.9	18.6
7 30	22 18.98	−23 51.1	1.228	2.194	10.9	18.3
8 9	22 11.08	−24 56.9	1.192	2.185	7.2	18.1
8 19	22 1.43	−25 52.4	1.179	2.177	6.1	18.0
8 29	21 51.47	−26 28.5	1.191	2.169	8.9	18.2
9 8	21 42.74	−26 40.0	1.225	2.162	13.0	18.4
9 18	21 36.46	−26 26.3	1.279	2.155	17.1	18.6
9 28	21 33.40	−25 49.8	1.351	2.149	20.5	18.8

98653 2000 WC_{144} 8 20.6 119°.35 0°.8/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 23.19	−11 52.0	2.073	2.958	11.6	19.3
7 30	22 17.20	−12 40.8	2.022	2.975	8.2	19.2
8 9	22 9.65	−13 36.6	1.995	2.992	4.4	19.0
8 19	22 1.20	−14 34.3	1.996	3.008	0.9	18.7
8 29	21 52.71	−15 28.6	2.026	3.023	3.7	19.0
9 8	21 45.03	−16 14.7	2.083	3.038	7.3	19.2
9 18	21 38.87	−16 49.7	2.167	3.053	10.6	19.5
9 28	21 34.73	−17 12.1	2.272	3.067	13.3	19.7

105483 2000 QK_{216} 8 20.6 9°.92 0°.9/19.9 18

7 20	22 20.54	−11 23.6	1.357	2.263	15.1	19.8
7 30	22 16.04	−12 10.2	1.301	2.264	10.7	19.5
8 9	22 9.31	−13 8.6	1.267	2.266	5.8	19.3
8 19	22 1.17	−14 12.2	1.256	2.268	1.0	18.9
8 29	21 52.84	−15 12.8	1.271	2.271	4.8	19.2
9 8	21 45.56	−16 3.0	1.310	2.274	9.7	19.5
9 18	21 40.35	−16 38.1	1.372	2.278	14.1	19.8
9 28	21 37.88	−16 55.9	1.452	2.283	17.7	20.0

75091 1999 VL_{33} 8 20.6 307°.37 1°.0/21.4 18

7 20	22 21.09	− 7 51.9	1.650	2.538	13.9	19.4
7 30	22 16.24	− 8 13.0	1.576	2.528	10.2	19.2
8 9	22 9.38	− 8 47.0	1.524	2.517	5.9	18.9
8 19	22 1.19	− 9 30.1	1.496	2.507	1.5	18.6
8 29	21 52.68	−10 16.8	1.495	2.497	3.8	18.7
9 8	21 44.94	−11 1.2	1.520	2.487	8.3	19.0
9 18	21 38.93	−11 38.1	1.569	2.478	12.5	19.2
9 28	21 35.35	−12 4.0	1.639	2.469	16.0	19.4

321783 2010 OR_{91} 8 20.6 298°.80 2°.8/23.6 18

7 20	22 17.94	− 0 49.6	2.159	3.013	12.4	20.4
7 30	22 13.57	− 1 21.1	2.081	3.009	9.4	20.2
8 9	22 7.73	− 2 8.3	2.027	3.005	6.2	20.0
8 19	22 0.94	− 3 8.8	1.999	3.001	3.3	19.8
8 29	21 53.95	− 4 17.9	1.998	2.997	3.5	19.8
9 8	21 47.53	− 5 30.1	2.026	2.994	6.5	20.0
9 18	21 42.38	− 6 39.7	2.079	2.990	9.8	20.2
9 28	21 39.03	− 7 42.0	2.156	2.986	12.7	20.4

288866 2004 RA_{228} 8 20.6 170°.87 3°.4/24.5 18

7 20	22 18.57	+ 1 27.0	2.530	3.365	11.4	20.7
7 30	22 13.81	+ 1 12.8	2.454	3.366	8.9	20.5
8 9	22 7.77	+ 0 44.4	2.401	3.368	6.2	20.3
8 19	22 0.95	+ 0 3.4	2.375	3.369	3.9	20.2
8 29	21 53.97	− 0 47.0	2.377	3.370	3.7	20.2
9 8	21 47.51	− 1 42.7	2.407	3.370	5.9	20.3
9 18	21 42.15	− 2 39.1	2.464	3.371	8.6	20.5
9 28	21 38.37	− 3 32.2	2.545	3.371	11.1	20.7

509637 2008 FZ_{133} 8 20.6 129°.63 0°.7/21.4 18

7 20	22 19.76	− 7 28.6	2.516	3.386	10.3	22.2
7 30	22 14.60	− 8 4.3	2.454	3.397	7.5	22.0
8 9	22 8.17	− 8 48.8	2.417	3.408	4.3	21.9
8 19	22 1.00	− 9 38.8	2.407	3.418	1.1	21.6
8 29	21 53.75	−10 30.2	2.427	3.428	2.7	21.8
9 8	21 47.08	−11 18.9	2.475	3.437	5.9	22.0
9 18	21 41.57	−12 1.5	2.551	3.447	8.8	22.2
9 28	21 37.68	−12 35.5	2.650	3.456	11.3	22.4

304449 2006 UX_{9} 8 20.6 357°.83 1°.7/19.2 18

7 20	22 20.80	−14 46.9	1.708	2.610	12.7	20.6
7 30	22 15.92	−15 24.4	1.647	2.608	9.0	20.4
8 9	22 9.13	−16 8.0	1.609	2.607	4.9	20.1
8 19	22 1.18	−16 52.3	1.596	2.607	1.7	19.9
8 29	21 53.05	−17 31.1	1.611	2.606	4.7	20.1
9 8	21 45.79	−17 59.8	1.650	2.607	8.8	20.4
9 18	21 40.25	−18 15.3	1.714	2.607	12.5	20.6
9 28	21 37.05	−18 16.6	1.798	2.608	15.6	20.8

443110 2013 YB_{73} 8 20.6 200°.70 6°.4/13.6 18

7 20	22 22.29	−24 58.9	1.810	2.717	11.9	20.8
7 30	22 17.13	−27 10.4	1.758	2.715	8.9	20.6
8 9	22 9.90	−29 20.8	1.732	2.714	6.7	20.5
8 19	22 1.30	−31 19.5	1.734	2.712	6.8	20.5
8 29	21 52.39	−32 57.0	1.762	2.710	9.1	20.6
9 8	21 44.30	−34 7.5	1.815	2.708	12.1	20.8
9 18	21 38.00	−34 49.7	1.890	2.705	14.9	21.0
9 28	21 34.20	−35 5.3	1.983	2.703	17.3	21.2

69150 2003 GZ_{15} 8 20.6 208°.60 3°.5/17.4 18

7 20	22 22.80	−21 31.4	2.167	3.065	10.6	20.0
7 30	22 17.04	−22 13.4	2.106	3.064	7.6	19.8
8 9	22 9.64	−22 54.7	2.070	3.062	4.7	19.6
8 19	22 1.26	−23 30.3	2.061	3.061	3.6	19.5
8 29	21 52.74	−23 55.5	2.080	3.060	5.6	19.7
9 8	21 44.99	−24 7.3	2.126	3.058	8.6	19.9
9 18	21 38.73	−24 4.5	2.196	3.057	11.5	20.0
9 28	21 34.53	−23 47.7	2.287	3.055	14.0	20.2

301428 2009 DA_{61} 8 20.6 1°.28 2°.4/18.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 21.35	−16 26.9	1.905	2.805	11.7	21.2
7 30	22 16.17	−17 20.1	1.844	2.805	8.3	20.9
8 9	22 9.23	−18 17.9	1.807	2.805	4.6	20.7
8 19	22 1.20	−19 14.3	1.797	2.805	2.4	20.6
8 29	21 53.00	−20 3.3	1.814	2.805	5.0	20.8
9 8	21 45.59	−20 40.2	1.858	2.805	8.6	21.0
9 18	21 39.77	−21 2.3	1.926	2.805	12.0	21.2
9 28	21 36.14	−21 9.0	2.014	2.805	14.9	21.4

80189 1999 VE_{37} 8 20.6 301°.34 3°.4/18.4 18

7 20	22 23.40	−17 2.2	1.332	2.245	14.9	19.3
7 30	22 18.51	−17 53.3	1.257	2.223	10.7	19.0
8 9	22 10.94	−18 51.9	1.203	2.202	6.1	18.7
8 19	22 1.49	−19 49.9	1.173	2.181	3.4	18.5
8 29	21 51.47	−20 38.3	1.167	2.160	6.8	18.6
9 8	21 42.38	−21 9.9	1.185	2.139	11.7	18.8
9 18	21 35.53	−21 20.9	1.225	2.118	16.4	19.1
9 28	21 31.84	−21 10.9	1.282	2.098	20.4	19.3

319180 2005 YU_{124} 8 20.6 267°.57 1°.8/18.9 18

7 20	22 20.96	−16 8.8	2.382	3.274	10.0	21.2
7 30	22 15.71	−16 47.1	2.299	3.256	7.1	21.0
8 9	22 8.94	−17 29.5	2.242	3.239	4.0	20.8
8 19	22 1.18	−18 11.6	2.212	3.221	1.8	20.6
8 29	21 53.15	−18 49.0	2.211	3.203	4.1	20.7
9 8	21 45.65	−19 17.9	2.237	3.184	7.4	20.9
9 18	21 39.39	−19 35.7	2.289	3.166	10.5	21.1
9 28	21 34.96	−19 41.5	2.364	3.147	13.2	21.2

14342 Iglika 8 20.6 327°.66 1°.3/21.7 18 R

7 20	22 15.25	− 5 12.1	1.333	2.232	15.8	15.7
7 30	22 12.59	− 6 6.3	1.245	2.202	11.8	15.4
8 9	22 7.65	− 7 24.2	1.177	2.172	7.0	15.1
8 19	22 1.03	− 9 1.4	1.133	2.143	2.0	14.7
8 29	21 53.80	−10 49.0	1.113	2.116	4.4	14.7
9 8	21 47.24	−12 35.7	1.116	2.089	9.8	15.0
9 18	21 42.56	−14 10.9	1.142	2.064	15.0	15.2
9 28	21 40.70	−15 26.7	1.187	2.040	19.5	15.4

152473 2005 WS_{4} 8 20.6 302°.54 1°.4/19.6 18

7 20	22 23.43	−15 42.9	2.031	2.923	11.4	20.0
7 30	22 17.62	−15 53.5	1.955	2.912	8.1	19.7
8 9	22 10.04	−16 7.5	1.905	2.902	4.5	19.5
8 19	22 1.35	−16 21.1	1.880	2.891	1.4	19.3
8 29	21 52.44	−16 30.3	1.884	2.880	4.1	19.4
9 8	21 44.25	−16 32.0	1.915	2.870	7.9	19.7
9 18	21 37.60	−16 24.5	1.971	2.860	11.3	19.9
9 28	21 33.09	−16 7.0	2.049	2.850	14.3	20.0

445839 2012 DW_{12} 8 20.7 230°.32 6°.0/14.4 17

7 20	22 28.27	−34 33.0	2.828	3.701	9.2	21.5
7 30	22 20.72	−35 6.9	2.764	3.690	7.5	21.4
8 9	22 11.61	−35 31.6	2.726	3.679	6.2	21.3
8 19	22 1.58	−35 42.5	2.715	3.668	6.2	21.3
8 29	21 51.47	−35 36.4	2.732	3.656	7.4	21.3
9 8	21 42.12	−35 12.4	2.776	3.644	9.2	21.4
9 18	21 34.25	−34 31.4	2.844	3.632	11.1	21.6
9 28	21 28.38	−33 36.0	2.933	3.619	12.9	21.7

349330 2007 VK_{7} 8 20.7 344°.01 7°.1/13.7 18

7 20	22 21.74	−27 18.6	1.714	2.623	12.3	20.1
7 30	22 16.79	−29 3.9	1.666	2.621	9.4	19.9
8 9	22 9.73	−30 44.8	1.641	2.620	7.3	19.8
8 19	22 1.32	−32 11.6	1.642	2.618	7.4	19.8
8 29	21 52.68	−33 16.3	1.669	2.617	9.5	19.9
9 8	21 44.99	−33 54.4	1.719	2.616	12.4	20.1
9 18	21 39.21	−34 5.5	1.791	2.615	15.2	20.3
9 28	21 36.01	−33 52.2	1.880	2.615	17.7	20.5

62869 2000 UO_{84} 8 20.7 123°.23 5°.3/26.8 18

7 20	22 18.92	+ 7 37.4	2.361	3.165	13.0	19.5
7 30	22 14.15	+ 7 27.7	2.289	3.173	10.6	19.4
8 9	22 8.02	+ 6 59.1	2.239	3.180	8.1	19.2
8 19	22 1.07	+ 6 12.5	2.214	3.187	6.0	19.1
8 29	21 53.98	+ 5 10.9	2.216	3.194	5.4	19.1
9 8	21 47.47	+ 3 59.3	2.245	3.201	6.8	19.2
9 18	21 42.16	+ 2 43.2	2.301	3.208	9.1	19.4
9 28	21 38.54	+ 1 28.4	2.381	3.214	11.6	19.5

392065 2009 CC_{34} 8 20.7 256°.72 3°.7/16.8 18

7 20	22 20.62	−18 28.5	1.892	2.795	11.6	21.3
7 30	22 15.80	−20 0.2	1.827	2.789	8.2	21.1
8 9	22 9.13	−21 36.5	1.787	2.782	5.0	20.9
8 19	22 1.25	−23 9.8	1.774	2.775	3.8	20.8
8 29	21 53.08	−24 32.0	1.789	2.768	6.3	21.0
9 8	21 45.63	−25 36.9	1.829	2.761	9.8	21.2
9 18	21 39.76	−26 21.3	1.894	2.754	13.1	21.4
9 28	21 36.13	−26 44.8	1.979	2.747	15.9	21.5

220276 2003 AT_{87} 8 20.7 256°.19 3°.4/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 23.35	− 2 2.6	1.760	2.621	14.4	20.7
7 30	22 17.87	− 2 6.6	1.674	2.606	11.1	20.5
8 9	22 10.35	− 2 27.4	1.611	2.591	7.3	20.2
8 19	22 1.44	− 3 3.0	1.573	2.575	3.9	20.0
8 29	21 52.10	− 3 49.6	1.561	2.559	4.3	20.0
9 8	21 43.42	− 4 41.4	1.576	2.543	8.1	20.2
9 18	21 36.38	− 5 32.6	1.616	2.526	12.1	20.4
9 28	21 31.73	− 6 17.7	1.677	2.510	15.6	20.6

24175 1999 XD_{5} 8 20.7 125°.37 3°.3/23.4 18

7 20	22 23.90	− 1 17.1	1.679	2.539	15.1	18.6
7 30	22 18.07	− 1 36.0	1.619	2.550	11.4	18.4
8 9	22 10.32	− 2 13.0	1.581	2.561	7.4	18.2
8 19	22 1.41	− 3 5.1	1.568	2.571	3.9	18.0
8 29	21 52.36	− 4 6.8	1.582	2.581	4.2	18.0
9 8	21 44.24	− 5 11.3	1.623	2.590	7.8	18.3
9 18	21 37.90	− 6 12.4	1.688	2.599	11.6	18.5
9 28	21 33.95	− 7 4.8	1.776	2.608	14.9	18.8

362500 2010 TT_{39} 8 20.7 244°.15 1°.2/19.5 18

7 20	22 22.11	−14 56.1	2.373	3.260	10.2	21.7
7 30	22 16.48	−15 19.4	2.297	3.251	7.2	21.5
8 9	22 9.35	−15 46.7	2.246	3.242	4.0	21.3
8 19	22 1.27	−16 14.2	2.222	3.233	1.2	21.1
8 29	21 53.00	−16 38.2	2.228	3.223	3.6	21.2
9 8	21 45.33	−16 55.4	2.261	3.214	7.0	21.4
9 18	21 38.95	−17 3.7	2.321	3.204	10.1	21.6
9 28	21 34.40	−17 2.0	2.403	3.194	12.8	21.8

268294 2005 QE_{82} 8 20.7 314°.53 2°.0/19.4 18

7 20	22 24.08	−15 25.0	1.351	2.260	15.0	20.5
7 30	22 18.83	−15 50.1	1.282	2.246	10.7	20.2
8 9	22 11.03	−16 21.8	1.234	2.233	5.9	19.9
8 19	22 1.54	−16 54.0	1.210	2.221	2.1	19.6
8 29	21 51.65	−17 19.7	1.211	2.208	5.6	19.8
9 8	21 42.79	−17 33.5	1.236	2.196	10.6	20.0
9 18	21 36.15	−17 32.4	1.283	2.185	15.2	20.3
9 28	21 32.56	−17 15.7	1.349	2.174	19.1	20.5

165014 2000 CZ_{97} 8 20.7 234°.50 1°.4/21.7 18

7 20	22 23.82	− 7 39.4	1.972	2.847	12.6	20.2
7 30	22 17.90	− 7 40.5	1.898	2.842	9.2	20.0
8 9	22 10.22	− 7 51.3	1.846	2.836	5.5	19.7
8 19	22 1.41	− 8 9.4	1.822	2.831	1.8	19.5
8 29	21 52.37	− 8 31.1	1.825	2.826	3.4	19.6
9 8	21 44.05	− 8 52.6	1.855	2.820	7.3	19.8
9 18	21 37.26	− 9 10.3	1.911	2.814	10.9	20.0
9 28	21 32.63	− 9 21.4	1.990	2.808	14.0	20.2

237464 1999 XR_{218} 8 20.7 322°.18 2°.6/18.3 18

7 20	22 20.90	−15 51.9	1.759	2.661	12.4	20.5
7 30	22 16.01	−16 57.7	1.697	2.659	8.7	20.3
8 9	22 9.24	−18 9.7	1.659	2.657	4.9	20.0
8 19	22 1.27	−19 21.0	1.648	2.655	2.6	19.9
8 29	21 53.08	−20 24.4	1.663	2.653	5.4	20.1
9 8	21 45.71	−21 14.0	1.704	2.652	9.2	20.3
9 18	21 40.03	−21 46.7	1.769	2.650	12.8	20.5
9 28	21 36.67	−22 1.4	1.855	2.649	15.9	20.7

514305 2015 TR_{292} 8 20.7 9°.07 1°.6/19.4 18

7 20	22 23.29	−16 28.5	1.942	2.838	11.7	20.4
7 30	22 17.48	−16 38.1	1.881	2.839	8.3	20.2
8 9	22 9.93	−16 50.2	1.844	2.841	4.6	20.0
8 19	22 1.36	−17 1.0	1.832	2.842	1.6	19.8
8 29	21 52.69	−17 6.7	1.849	2.845	4.2	20.0
9 8	21 44.86	−17 4.3	1.892	2.847	8.0	20.2
9 18	21 38.66	−16 52.5	1.960	2.850	11.4	20.4
9 28	21 34.64	−16 31.0	2.050	2.853	14.2	20.6

245582 2005 UZ_{352} 8 20.7 271°.72 3°.1/23.4 18

7 20	22 20.78	− 1 48.2	2.224	3.076	12.1	20.5
7 30	22 15.63	− 1 44.5	2.140	3.066	9.3	20.3
8 9	22 8.94	− 1 53.7	2.079	3.055	6.2	20.1
8 19	22 1.24	− 2 14.5	2.044	3.045	3.5	19.9
8 29	21 53.28	− 2 44.1	2.037	3.034	3.8	19.9
9 8	21 45.87	− 3 18.7	2.058	3.023	6.6	20.1
9 18	21 39.73	− 3 54.2	2.105	3.013	9.8	20.3
9 28	21 35.44	− 4 26.5	2.175	3.002	12.7	20.4

249070 2007 UU_{34} 8 20.7 358°.05 13°.5/12.0 18

7 20	22 30.35	−42 34.5	1.348	2.234	16.5	19.1
7 30	22 23.56	−43 38.3	1.313	2.230	14.6	19.0
8 9	22 13.61	−44 17.6	1.296	2.228	13.5	18.9
8 19	22 1.89	−44 22.3	1.300	2.226	13.8	18.9
8 29	21 50.31	−43 46.9	1.325	2.226	15.3	19.0
9 8	21 40.69	−42 33.1	1.369	2.226	17.4	19.1
9 18	21 34.21	−40 47.8	1.431	2.228	19.7	19.3
9 28	21 31.42	−38 39.5	1.510	2.231	21.8	19.5

212538 2006 RS_{95} 8 20.7 89°.61 2°.5/18.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 23.05	−17 58.1	1.978	2.875	11.5	20.8
7 30	22 17.34	−18 33.0	1.917	2.876	8.1	20.6
8 9	22 9.88	−19 10.2	1.881	2.877	4.6	20.4
8 19	22 1.38	−19 44.5	1.871	2.878	2.5	20.2
8 29	21 52.74	−20 11.1	1.889	2.879	4.9	20.4
9 8	21 44.93	−20 26.3	1.933	2.879	8.4	20.6
9 18	21 38.71	−20 28.6	2.002	2.880	11.7	20.8
9 28	21 34.67	−20 17.8	2.093	2.881	14.5	21.0

489590 2007 TW_{136} 8 20.7 347°.08 12°.1/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 15.06	+10 16.4	1.143	1.990	21.4	19.2
7 30	22 12.66	+11 40.7	1.072	1.972	18.6	19.0
8 9	22 7.78	+12 34.6	1.017	1.956	15.6	18.7
8 19	22 1.13	+12 52.3	0.980	1.942	13.1	18.6
8 29	21 53.91	+12 31.9	0.963	1.930	12.1	18.5
9 8	21 47.57	+11 38.0	0.965	1.921	13.4	18.5
9 18	21 43.38	+10 20.1	0.986	1.913	16.2	18.7
9 28	21 42.31	+ 8 50.8	1.025	1.908	19.5	18.8

66291 1999 JM_{23} 8 20.7 39°.93 6°.5/16.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 26.22	−23 26.0	1.143	2.063	16.1	18.0
7 30	22 20.45	−24 32.5	1.105	2.071	11.8	17.8
8 9	22 11.88	−25 35.7	1.087	2.080	7.8	17.6
8 19	22 1.68	−26 25.0	1.092	2.089	6.6	17.6
8 29	21 51.48	−26 51.6	1.121	2.099	9.4	17.8
9 8	21 42.88	−26 51.9	1.171	2.109	13.4	18.0
9 18	21 37.04	−26 27.2	1.241	2.120	17.3	18.3
9 28	21 34.56	−25 41.1	1.329	2.131	20.6	18.6

362937 2012 VD_{80} 8 20.7 288°.55 9°.2/11.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 21.35	−20 45.6	1.043	1.972	16.5	20.0
7 30	22 17.74	−24 47.6	0.991	1.962	12.2	19.7
8 9	22 10.88	−29 2.4	0.963	1.952	9.3	19.5
8 19	22 1.61	−33 4.5	0.961	1.942	10.5	19.5
8 29	21 51.49	−36 28.7	0.984	1.932	14.5	19.7
9 8	21 42.50	−38 59.7	1.028	1.922	19.0	19.9
9 18	21 36.34	−40 34.5	1.089	1.913	23.0	20.2
9 28	21 34.16	−41 18.4	1.163	1.903	26.2	20.4

334379 2002 AV_{185} 8 20.7 250°.20 3°.6/17.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 25.05	−19 44.5	1.767	2.668	12.4	20.2
7 30	22 19.06	−20 30.8	1.699	2.659	8.9	20.0
8 9	22 10.98	−21 18.9	1.655	2.650	5.3	19.7
8 19	22 1.57	−22 2.3	1.637	2.641	3.6	19.6
8 29	21 51.88	−22 34.7	1.646	2.632	6.1	19.8
9 8	21 43.07	−22 51.8	1.681	2.622	9.9	20.0
9 18	21 36.10	−22 52.0	1.740	2.612	13.4	20.2
9 28	21 31.64	−22 35.7	1.818	2.602	16.5	20.4

486880 2014 KW_{54} 8 20.7 50°.84 3°.7/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 20.10	−19 47.6	1.963	2.867	11.2	20.7
7 30	22 15.27	−21 2.8	1.912	2.874	8.0	20.6
8 9	22 8.76	−22 19.6	1.886	2.880	4.9	20.4
8 19	22 1.23	−23 31.2	1.887	2.887	3.8	20.3
8 29	21 53.58	−24 31.1	1.915	2.894	6.0	20.5
9 8	21 46.73	−25 14.9	1.968	2.900	9.2	20.7
9 18	21 41.41	−25 40.5	2.046	2.908	12.2	20.9
9 28	21 38.20	−25 48.0	2.144	2.915	14.7	21.1

93986 2000 XZ_{15} 8 20.7 258°.67 5°.4/17.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 29.35	−25 49.7	1.759	2.656	12.7	19.4
7 30	22 22.13	−26 20.2	1.695	2.649	9.4	19.2
8 9	22 12.66	−26 45.4	1.655	2.641	6.5	19.0
8 19	22 1.81	−26 58.8	1.640	2.633	5.5	18.9
8 29	21 50.79	−26 55.1	1.653	2.625	7.5	19.0
9 8	21 40.85	−26 32.2	1.691	2.617	10.8	19.2
9 18	21 33.00	−25 51.3	1.752	2.609	14.1	19.4
9 28	21 27.91	−24 54.9	1.834	2.600	17.0	19.6

339160 2004 TS_{56} 8 20.7 341°.24 1°.0/21.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 21.33	− 8 40.7	1.362	2.261	15.5	20.9
7 30	22 16.74	− 8 52.7	1.296	2.253	11.3	20.6
8 9	22 9.84	− 9 18.2	1.251	2.246	6.5	20.3
8 19	22 1.42	− 9 53.2	1.229	2.240	1.6	20.0
8 29	21 52.68	−10 31.6	1.232	2.235	4.2	20.2
9 8	21 44.92	−11 7.0	1.260	2.230	9.3	20.5
9 18	21 39.22	−11 34.1	1.309	2.226	13.9	20.7
9 28	21 36.32	−11 49.3	1.379	2.222	17.8	21.0

273483 2006 YR_{40} 8 20.7 191°.55 1°.1/21.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 24.24	− 7 3.3	2.015	2.885	12.5	21.4
7 30	22 18.19	− 7 30.4	1.941	2.884	9.1	21.2
8 9	22 10.39	− 8 8.9	1.892	2.882	5.3	20.9
8 19	22 1.49	− 8 55.2	1.869	2.880	1.5	20.7
8 29	21 52.35	− 9 44.5	1.875	2.876	3.3	20.8
9 8	21 43.92	−10 31.7	1.909	2.872	7.2	21.0
9 18	21 37.00	−11 12.6	1.969	2.867	10.9	21.2
9 28	21 32.21	−11 43.8	2.051	2.862	14.0	21.4

62354 2000 SQ_{143} 8 20.7 136°.35 4°.3/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 20.07	+ 2 46.1	2.231	3.063	12.8	19.5
7 30	22 15.05	+ 2 45.1	2.158	3.066	10.1	19.4
8 9	22 8.59	+ 2 27.9	2.108	3.069	7.2	19.2
8 19	22 1.22	+ 1 55.5	2.083	3.072	4.8	19.0
8 29	21 53.68	+ 1 11.0	2.086	3.075	4.6	19.0
9 8	21 46.75	+ 0 18.9	2.116	3.078	6.7	19.2
9 18	21 41.09	− 0 35.8	2.172	3.081	9.5	19.4
9 28	21 37.23	− 1 28.3	2.252	3.083	12.2	19.5

451377 2011 AL_{74} 8 20.7 259°.19 4°.4/25.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 20.83	+ 3 30.0	2.709	3.526	11.2	21.7
7 30	22 15.51	+ 3 47.0	2.611	3.508	9.0	21.5
8 9	22 8.84	+ 3 50.9	2.537	3.489	6.7	21.3
8 19	22 1.27	+ 3 41.7	2.489	3.471	4.8	21.2
8 29	21 53.42	+ 3 20.9	2.469	3.452	4.5	21.1
9 8	21 45.95	+ 2 51.3	2.477	3.433	6.3	21.2
9 18	21 39.51	+ 2 16.3	2.512	3.413	8.7	21.4
9 28	21 34.61	+ 1 40.0	2.572	3.393	11.2	21.5

519009 2010 JG_{97} 8 20.7 142°.69 2°.1/22.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 22.15	− 3 54.4	1.970	2.834	13.0	21.8
7 30	22 16.66	− 4 18.2	1.904	2.841	9.7	21.6
8 9	22 9.52	− 4 56.0	1.862	2.847	6.0	21.4
8 19	22 1.36	− 5 44.3	1.846	2.853	2.6	21.2
8 29	21 53.05	− 6 38.7	1.858	2.858	3.4	21.3
9 8	21 45.49	− 7 33.5	1.897	2.863	7.0	21.5
9 18	21 39.42	− 8 23.9	1.962	2.868	10.5	21.7
9 28	21 35.41	− 9 5.9	2.050	2.873	13.5	21.9

15379 Alefranz 8 20.7 114°.80 3°.3/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 23.21	− 1 25.9	1.700	2.561	14.9	18.2
7 30	22 17.59	− 1 41.6	1.639	2.571	11.3	18.0
8 9	22 10.09	− 2 15.0	1.601	2.581	7.4	17.8
8 19	22 1.45	− 3 3.2	1.587	2.590	3.9	17.6
8 29	21 52.66	− 4 1.0	1.601	2.600	4.2	17.7
9 8	21 44.77	− 5 1.9	1.641	2.609	7.7	17.9
9 18	21 38.63	− 5 59.8	1.705	2.617	11.5	18.2
9 28	21 34.82	− 6 49.6	1.792	2.626	14.7	18.4

11003 Andronov 8 20.7 342°.30 3°.9/18.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 18.12	−18 0.3	1.073	2.003	16.1	16.3
7 30	22 15.02	−18 38.9	1.009	1.984	11.6	16.0
8 9	22 9.14	−19 23.5	0.965	1.966	6.7	15.7
8 19	22 1.34	−20 5.6	0.942	1.950	3.9	15.5
8 29	21 53.08	−20 35.8	0.941	1.936	7.5	15.6
9 8	21 45.98	−20 47.2	0.961	1.923	12.6	15.9
9 18	21 41.38	−20 36.9	1.001	1.913	17.5	16.1
9 28	21 40.13	−20 5.0	1.057	1.905	21.7	16.4

316430 2010 TF_{166} 8 20.7 356°.78 5°.3/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 22.94	−26 12.8	2.025	2.926	11.1	20.5
7 30	22 17.32	−27 5.0	1.971	2.925	8.3	20.3
8 9	22 9.91	−27 52.9	1.941	2.925	5.9	20.1
8 19	22 1.44	−28 30.5	1.938	2.924	5.4	20.1
8 29	21 52.85	−28 52.5	1.961	2.924	7.2	20.2
9 8	21 45.13	−28 56.4	2.009	2.924	10.0	20.4
9 18	21 39.07	−28 42.0	2.081	2.924	12.7	20.6
9 28	21 35.24	−28 11.0	2.172	2.925	15.1	20.8

75165 1999 VQ_{121} 8 20.7 46°.27 2°.6/18.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 23.55	−16 50.4	1.552	2.457	13.6	19.8
7 30	22 17.99	−17 31.8	1.503	2.466	9.6	19.6
8 9	22 10.36	−18 17.1	1.476	2.474	5.4	19.4
8 19	22 1.51	−18 59.9	1.475	2.483	2.6	19.2
8 29	21 52.59	−19 33.8	1.500	2.492	5.5	19.4
9 8	21 44.76	−19 54.3	1.550	2.502	9.6	19.7
9 18	21 38.91	−19 59.4	1.623	2.511	13.3	19.9
9 28	21 35.63	−19 49.1	1.716	2.521	16.5	20.2

282501 2004 PJ_{64} 8 20.7 312°.89 2°.9/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 18.96	− 2 39.2	1.877	2.745	13.4	20.5
7 30	22 14.70	− 2 47.3	1.785	2.721	10.3	20.3
8 9	22 8.62	− 3 11.1	1.715	2.697	6.7	20.0
8 19	22 1.29	− 3 48.7	1.669	2.673	3.5	19.8
8 29	21 53.54	− 4 36.5	1.651	2.650	3.9	19.8
9 8	21 46.33	− 5 28.9	1.658	2.628	7.5	19.9
9 18	21 40.53	− 6 20.5	1.690	2.605	11.4	20.1
9 28	21 36.87	− 7 5.9	1.745	2.583	14.8	20.3

248619 2006 EA_{2} 8 20.7 26°.86 3°.7/18.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 24.89	−17 41.9	1.039	1.962	17.2	19.8
7 30	22 19.64	−18 24.0	0.998	1.968	12.2	19.5
8 9	22 11.52	−19 10.5	0.975	1.975	6.9	19.2
8 19	22 1.69	−19 52.2	0.975	1.983	3.7	19.1
8 29	21 51.80	−20 20.4	0.998	1.992	7.2	19.3
9 8	21 43.51	−20 29.6	1.042	2.001	12.3	19.6
9 18	21 38.00	−20 18.6	1.107	2.011	16.9	19.9
9 28	21 35.92	−19 48.9	1.188	2.022	20.7	20.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
188209 2002 SO_{28}			8 20.7 242.°50		1.°4/19.6 18	
	h m	° ′			°	m
7 20	22 24.34	−13 11.5	1.709	2.603	13.2	21.1
7 30	22 18.64	−13 57.3	1.634	2.592	9.4	20.9
8 9	22 10.83	−14 51.8	1.583	2.580	5.2	20.6
8 19	22 1.61	−15 49.3	1.557	2.568	1.4	20.3
8 29	21 52.03	−16 43.0	1.559	2.556	4.7	20.5
9 8	21 43.23	−17 26.9	1.587	2.543	9.1	20.7
9 18	21 36.22	−17 57.0	1.640	2.530	13.1	21.0
9 28	21 31.73	−18 11.5	1.713	2.516	16.6	21.2
452680 2005 XA_{25}			8 20.7 264.°25		4.°9/15.5 18	
7 20	22 21.56	−25 37.1	2.311	3.210	10.0	20.6
7 30	22 16.27	−26 41.1	2.246	3.199	7.5	20.4
8 9	22 9.34	−27 42.7	2.206	3.189	5.4	20.3
8 19	22 1.38	−28 35.8	2.193	3.178	5.0	20.2
8 29	21 53.20	−29 15.3	2.207	3.167	6.8	20.3
9 8	21 45.67	−29 37.8	2.247	3.156	9.4	20.5
9 18	21 39.54	−29 42.3	2.311	3.145	11.9	20.6
9 28	21 35.40	−29 29.7	2.396	3.134	14.2	20.8
451782 2013 GJ_{100}			8 20.7 124.°65		7.°4/30.5 18	
7 20	22 18.69	+16 21.6	2.622	3.360	13.5	20.8
7 30	22 13.95	+16 29.6	2.548	3.369	11.7	20.7
8 9	22 7.95	+16 16.3	2.493	3.377	9.8	20.6
8 19	22 1.17	+15 41.5	2.461	3.385	8.2	20.5
8 29	21 54.25	+14 46.4	2.455	3.393	7.4	20.4
9 8	21 47.85	+13 35.2	2.475	3.401	7.9	20.5
9 18	21 42.57	+12 13.0	2.521	3.408	9.2	20.6
9 28	21 38.87	+10 46.1	2.591	3.415	11.0	20.7
392087 2009 DC_{73}			8 20.7 172.°75		1.°2/21.9 18	
7 20	22 20.33	− 5 28.9	2.185	3.053	11.7	21.1
7 30	22 15.29	− 6 12.7	2.114	3.055	8.6	20.9
8 9	22 8.76	− 7 8.9	2.067	3.056	5.1	20.7
8 19	22 1.29	− 8 13.6	2.048	3.058	1.6	20.5
8 29	21 53.65	− 9 21.9	2.057	3.058	3.0	20.6
9 8	21 46.62	−10 28.1	2.094	3.059	6.6	20.8
9 18	21 40.91	−11 27.6	2.158	3.059	9.9	21.0
9 28	21 37.04	−12 16.8	2.245	3.059	12.8	21.2
357854 2005 UK_{227}			8 20.7 114.°42		2.°9/17.7 18	
7 20	22 21.71	−19 47.5	2.303	3.199	10.1	21.0
7 30	22 16.19	−20 35.3	2.249	3.207	7.2	20.8
8 9	22 9.20	−21 23.7	2.221	3.215	4.3	20.7
8 19	22 1.35	−22 7.7	2.220	3.222	3.0	20.6
8 29	21 53.43	−22 42.9	2.247	3.230	5.0	20.7
9 8	21 46.22	−23 6.1	2.302	3.238	7.9	20.9
9 18	21 40.40	−23 15.8	2.382	3.245	10.6	21.1
9 28	21 36.45	−23 12.0	2.483	3.252	13.0	21.3
99798 2002 LT			8 20.7 145.°89		0.°4/20.2 18	
7 20	22 20.14	− 7 18.7	1.837	2.719	12.9	19.2
7 30	22 15.43	− 9 1.7	1.771	2.722	9.2	18.9
8 9	22 8.95	−11 0.4	1.730	2.725	5.1	18.7
8 19	22 1.34	−13 7.2	1.716	2.728	0.7	18.4
8 29	21 53.48	−15 12.6	1.732	2.730	4.0	18.6
9 8	21 46.34	−17 7.7	1.776	2.733	8.2	18.9
9 18	21 40.74	−18 45.7	1.845	2.735	11.9	19.1
9 28	21 37.30	−20 2.9	1.937	2.737	15.1	19.4
438765 2008 UV_{212}			8 20.7 154.°54		5.°5/26.0 16	
7 20	22 20.95	+ 5 53.3	1.983	2.804	14.6	21.7
7 30	22 15.87	+ 5 46.3	1.910	2.808	11.8	21.6
8 9	22 9.14	+ 5 18.3	1.859	2.811	8.7	21.4
8 19	22 1.37	+ 4 30.4	1.832	2.814	6.2	21.2
8 29	21 53.39	+ 3 26.0	1.832	2.817	5.6	21.2
9 8	21 46.10	+ 2 11.2	1.859	2.820	7.6	21.3
9 18	21 40.25	+ 0 52.5	1.911	2.822	10.5	21.5
9 28	21 36.43	− 0 23.3	1.987	2.824	13.3	21.7
158730 2003 MJ_{7}			8 20.7 115.°78		4.°5/25.3 18	
7 20	22 20.42	+ 4 13.8	1.809	2.646	15.1	19.6
7 30	22 15.58	+ 3 36.1	1.743	2.654	11.9	19.4
8 9	22 9.00	+ 2 35.5	1.697	2.662	8.4	19.3
8 19	22 1.35	+ 1 14.9	1.677	2.670	5.3	19.1
8 29	21 53.52	− 0 20.1	1.683	2.677	4.8	19.1
9 8	21 46.46	− 2 1.4	1.717	2.685	7.5	19.3
9 18	21 40.97	− 3 40.8	1.777	2.692	10.9	19.5
9 28	21 37.62	− 5 11.4	1.860	2.699	14.0	19.7
438844 2009 CE_{8}			8 20.7 94.°53		2.°0/18.7 18	
7 20	22 21.10	−13 51.4	1.954	2.849	11.7	20.7
7 30	22 15.93	−15 12.1	1.906	2.864	8.2	20.6
8 9	22 9.12	−16 39.3	1.882	2.880	4.4	20.4
8 19	22 1.36	−18 6.1	1.886	2.895	2.0	20.2
8 29	21 53.51	−19 25.6	1.918	2.910	4.6	20.4
9 8	21 46.46	−20 32.0	1.978	2.925	8.2	20.7
9 18	21 40.95	−21 22.0	2.062	2.939	11.4	20.9
9 28	21 37.50	−21 54.6	2.168	2.953	14.1	21.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
87754 2000 SA_{76}			8 20.7 101.°92		3.°8/17.7 18	
	h m	° ′			°	m
7 20	22 24.13	−19 33.4	1.678	2.582	12.8	18.6
7 30	22 18.38	−20 32.1	1.626	2.587	9.1	18.4
8 9	22 10.59	−21 32.5	1.597	2.592	5.5	18.2
8 19	22 1.59	−22 27.4	1.594	2.597	3.8	18.1
8 29	21 52.45	−23 10.0	1.618	2.602	6.3	18.3
9 8	21 44.32	−23 35.8	1.667	2.607	10.0	18.5
9 18	21 38.10	−23 43.5	1.740	2.612	13.5	18.8
9 28	21 34.39	−23 33.6	1.832	2.616	16.4	19.0
399868 2005 UG_{428}			8 20.7 116.°79		6.°2/28.3 18	
7 20	22 20.09	+11 24.5	2.628	3.399	12.7	21.1
7 30	22 14.90	+11 36.8	2.560	3.413	10.7	21.0
8 9	22 8.46	+11 30.7	2.513	3.427	8.6	20.9
8 19	22 1.27	+11 6.4	2.491	3.440	6.9	20.8
8 29	21 53.98	+10 25.4	2.495	3.453	6.2	20.8
9 8	21 47.23	+ 9 31.7	2.526	3.466	7.1	20.8
9 18	21 41.61	+ 8 29.8	2.584	3.478	8.8	21.0
9 28	21 37.57	+ 7 25.0	2.667	3.490	10.7	21.1
36900 2000 SZ_{176}			8 20.7 255.°61		4.°6/25.2 18	
7 20	22 20.05	+ 3 32.2	2.272	3.099	12.8	19.2
7 30	22 15.12	+ 3 38.2	2.188	3.091	10.2	19.0
8 9	22 8.70	+ 3 27.9	2.126	3.084	7.5	18.8
8 19	22 1.32	+ 3 1.9	2.090	3.076	5.2	18.7
8 29	21 53.69	+ 2 22.6	2.081	3.068	4.9	18.6
9 8	21 46.58	+ 1 34.1	2.100	3.061	6.9	18.8
9 18	21 40.70	+ 0 41.3	2.144	3.053	9.6	18.9
9 28	21 36.61	− 0 10.8	2.212	3.045	12.3	19.1
134275 2006 BW_{161}			8 20.7 111.°07		5.°7/25.9 18	
7 20	22 24.10	+ 5 52.2	2.048	2.862	14.4	19.9
7 30	22 17.95	+ 6 6.3	1.989	2.881	11.6	19.7
8 9	22 10.21	+ 6 1.2	1.951	2.899	8.7	19.6
8 19	22 1.54	+ 5 37.4	1.939	2.916	6.3	19.4
8 29	21 52.78	+ 4 57.8	1.953	2.933	5.8	19.5
9 8	21 44.81	+ 4 7.2	1.995	2.950	7.6	19.6
9 18	21 38.35	+ 3 11.3	2.062	2.966	10.2	19.8
9 28	21 33.92	+ 2 15.7	2.153	2.981	12.8	20.0
436569 2011 HH_{54}			8 20.7 227.°94		0.°1/20.7 18	
7 20	22 21.69	− 8 37.0	1.831	2.715	12.9	21.1
7 30	22 16.60	− 9 31.8	1.757	2.708	9.3	20.9
8 9	22 9.64	−10 39.4	1.707	2.702	5.2	20.7
8 19	22 1.48	−11 54.6	1.683	2.695	0.8	20.3
8 29	21 53.01	−13 10.6	1.687	2.688	3.7	20.5
9 8	21 45.26	−14 20.6	1.718	2.680	8.0	20.8
9 18	21 39.08	−15 19.3	1.775	2.672	11.9	21.0
9 28	21 35.14	−16 3.2	1.853	2.664	15.2	21.2
181554 2006 UH_{273}			8 20.7 242.°24		1.°2/21.8 18	
7 20	22 21.48	− 7 9.9	2.142	3.015	11.8	20.6
7 30	22 16.18	− 7 23.2	2.067	3.011	8.6	20.4
8 9	22 9.30	− 7 46.5	2.016	3.006	5.1	20.1
8 19	22 1.42	− 8 17.1	1.992	3.001	1.6	19.9
8 29	21 53.33	− 8 51.2	1.995	2.997	3.1	20.0
9 8	21 45.88	− 9 24.6	2.027	2.992	6.7	20.2
9 18	21 39.79	− 9 53.7	2.084	2.987	10.1	20.4
9 28	21 35.61	−10 15.4	2.164	2.982	13.1	20.6
108091 2001 FR_{176}			8 20.7 135.°68		3.°4/16.6 18	
7 20	22 19.94	−21 13.5	2.546	3.443	9.3	19.5
7 30	22 14.90	−22 24.3	2.492	3.449	6.6	19.4
8 9	22 8.51	−23 35.2	2.465	3.456	4.2	19.2
8 19	22 1.30	−24 41.0	2.466	3.462	3.5	19.2
8 29	21 53.97	−25 36.7	2.495	3.468	5.3	19.3
9 8	21 47.25	−26 18.8	2.552	3.474	7.8	19.5
9 18	21 41.74	−26 45.7	2.634	3.480	10.3	19.7
9 28	21 37.93	−26 57.3	2.737	3.485	12.4	19.8
476848 2008 UQ_{321}			8 20.7 331.°16		10.°7/28.7 16	
7 20	22 17.75	+11 58.7	1.379	2.198	19.9	21.5
7 30	22 14.36	+12 45.6	1.300	2.182	17.1	21.3
8 9	22 8.68	+13 1.9	1.237	2.166	14.2	21.0
8 19	22 1.38	+12 43.5	1.194	2.151	11.7	20.9
8 29	21 53.54	+11 50.6	1.172	2.137	10.7	20.8
9 8	21 46.44	+10 28.7	1.171	2.124	11.9	20.8
9 18	21 41.24	+ 8 47.7	1.193	2.113	14.6	20.9
9 28	21 38.83	+ 6 59.7	1.234	2.102	17.9	21.1
255390 2005 WS_{158}			8 20.7 239.°96		5.°8/13.4 18	
7 20	22 21.10	−29 6.7	2.455	3.351	9.6	20.2
7 30	22 15.95	−30 35.3	2.397	3.343	7.5	20.1
8 9	22 9.20	−31 59.5	2.365	3.335	6.0	20.0
8 19	22 1.43	−33 12.8	2.360	3.327	6.1	20.0
8 29	21 53.41	−34 9.5	2.383	3.319	7.7	20.0
9 8	21 46.00	−34 46.4	2.431	3.310	9.9	20.2
9 18	21 39.94	−35 2.7	2.502	3.302	12.1	20.3
9 28	21 35.82	−34 59.6	2.592	3.293	14.1	20.5

441948 2010 LD_{17} 8 20.7 335°.83 2°.3/22.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 23.27	− 5 57.8	1.895	2.767	13.1	20.6
7 30	22 17.61	− 5 41.5	1.822	2.763	9.8	20.3
8 9	22 10.15	− 5 35.9	1.773	2.759	6.1	20.1
8 19	22 1.57	− 5 39.3	1.749	2.755	2.7	19.9
8 29	21 52.76	− 5 49.0	1.752	2.752	3.7	20.0
9 8	21 44.69	− 6 1.4	1.782	2.749	7.3	20.2
9 18	21 38.20	− 6 12.9	1.838	2.746	11.0	20.4
9 28	21 33.89	− 6 20.5	1.915	2.744	14.1	20.6

461798 2005 WR_{92} 8 20.7 124°.25 1°.5/21.7 17

7 20	22 26.79	− 6 20.3	1.412	2.294	16.1	21.8
7 30	22 20.45	− 6 47.0	1.358	2.306	11.8	21.6
8 9	22 11.82	− 7 29.4	1.325	2.317	6.9	21.4
8 19	22 1.81	− 8 22.6	1.318	2.328	2.1	21.1
8 29	21 51.67	− 9 19.7	1.336	2.338	4.1	21.2
9 8	21 42.70	−10 13.5	1.380	2.347	9.0	21.6
9 18	21 35.91	−10 58.2	1.448	2.357	13.3	21.8
9 28	21 31.95	−11 30.1	1.536	2.365	17.0	22.1

310647 2002 CM_{273} 8 20.7 88°.91 0°.2/20.6 17

7 20	22 26.73	−10 33.7	1.368	2.263	15.7	20.7
7 30	22 20.38	−11 5.6	1.322	2.279	11.2	20.5
8 9	22 11.74	−11 48.6	1.299	2.295	6.2	20.3
8 19	22 1.79	−12 36.5	1.299	2.311	0.9	19.9
8 29	21 51.83	−13 22.3	1.326	2.327	4.4	20.2
9 8	21 43.15	−13 59.7	1.378	2.342	9.3	20.6
9 18	21 36.73	−14 25.0	1.453	2.357	13.6	20.9
9 28	21 33.16	−14 36.3	1.548	2.372	17.1	21.1

337866 2001 WL_{15} 8 20.7 226°.96 2°.2/18.8 16

7 20	22 30.03	−14 44.9	1.962	2.843	12.3	23.3
7 30	22 22.71	−15 55.1	1.874	2.826	8.8	23.0
8 9	22 13.16	−17 13.7	1.811	2.806	4.9	22.7
8 19	22 2.05	−18 33.7	1.776	2.785	2.2	22.5
8 29	21 50.40	−19 47.6	1.772	2.762	5.2	22.7
9 8	21 39.36	−20 48.8	1.796	2.737	9.3	22.9
9 18	21 29.99	−21 33.1	1.845	2.710	13.1	23.1
9 28	21 23.12	−21 59.4	1.917	2.682	16.4	23.2

45222 1999 XY_{194} 8 20.7 256°.94 3°.6/23.3 18

7 20	22 24.71	− 2 7.7	1.982	2.835	13.4	17.9
7 30	22 18.68	− 1 45.4	1.897	2.823	10.3	17.7
8 9	22 10.80	− 1 36.1	1.835	2.811	7.0	17.5
8 19	22 1.69	− 1 39.0	1.800	2.799	4.1	17.3
8 29	21 52.24	− 1 52.1	1.791	2.787	4.4	17.3
9 8	21 43.42	− 2 11.7	1.811	2.774	7.5	17.4
9 18	21 36.11	− 2 33.8	1.855	2.762	11.0	17.6
9 28	21 30.96	− 2 54.2	1.923	2.749	14.2	17.8

176144 2001 FS_{88} 8 20.7 186°.71 0°.3/20.9 17

7 20	22 24.48	− 8 38.9	1.781	2.662	13.4	21.1
7 30	22 18.59	− 9 18.3	1.712	2.662	9.7	20.8
8 9	22 10.75	−10 9.7	1.667	2.661	5.5	20.6
8 19	22 1.68	−11 8.1	1.649	2.660	1.0	20.3
8 29	21 52.37	−12 7.4	1.658	2.658	3.7	20.5
9 8	21 43.87	−13 1.6	1.694	2.656	8.1	20.7
9 18	21 37.08	−13 45.9	1.755	2.653	12.0	21.0
9 28	21 32.65	−14 17.3	1.838	2.650	15.3	21.2

305598 2008 YF_{120} 8 20.7 110°.78 0°.1/20.7 18

7 20	22 23.47	−10 49.6	1.877	2.763	12.6	20.8
7 30	22 17.71	−11 9.3	1.815	2.767	9.0	20.6
8 9	22 10.18	−11 37.2	1.777	2.772	5.0	20.4
8 19	22 1.59	−12 9.3	1.765	2.776	0.7	20.1
8 29	21 52.86	−12 40.9	1.781	2.781	3.5	20.3
9 8	21 44.97	−13 7.6	1.823	2.785	7.6	20.6
9 18	21 38.70	−13 26.3	1.891	2.790	11.2	20.8
9 28	21 34.63	−13 35.0	1.981	2.794	14.3	21.0

98841 2001 AL_{22} 8 20.7 253°.86 1°.4/19.6 18

7 20	22 23.04	−13 44.4	1.797	2.692	12.6	20.2
7 30	22 17.59	−14 23.3	1.727	2.685	8.9	19.9
8 9	22 10.22	−15 9.4	1.682	2.679	4.9	19.7
8 19	22 1.61	−15 57.2	1.662	2.672	1.4	19.4
8 29	21 52.74	−16 41.1	1.669	2.666	4.4	19.6
9 8	21 44.66	−17 15.7	1.703	2.659	8.6	19.9
9 18	21 38.26	−17 37.8	1.761	2.652	12.3	20.1
9 28	21 34.20	−17 46.0	1.841	2.645	15.5	20.3

263571 2008 FZ_{75} 8 20.7 136°.75 4°.4/16.2 18

7 20	22 22.92	−24 41.2	2.321	3.217	10.1	20.8
7 30	22 17.12	−25 36.0	2.270	3.223	7.4	20.7
8 9	22 9.78	−26 27.9	2.244	3.229	5.1	20.5
8 19	22 1.53	−27 11.5	2.245	3.235	4.5	20.5
8 29	21 53.19	−27 42.1	2.274	3.240	6.2	20.6
9 8	21 45.61	−27 57.1	2.329	3.245	8.8	20.8
9 18	21 39.48	−27 56.0	2.409	3.250	11.3	21.0
9 28	21 35.31	−27 39.8	2.510	3.255	13.5	21.1

263053 2007 HX_{49} 8 20.7 176°.54 11°.1/ 3.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 33.26	−55 48.1	2.813	3.600	11.6	21.7
7 30	22 24.99	−57 7.8	2.796	3.601	11.2	21.7
8 9	22 14.30	−58 6.5	2.800	3.602	11.2	21.7
8 19	22 2.19	−58 38.9	2.824	3.603	11.6	21.7
8 29	21 50.03	−58 41.9	2.869	3.603	12.4	21.8
9 8	21 39.18	−58 16.2	2.933	3.603	13.3	21.9
9 18	21 30.69	−57 25.4	3.012	3.603	14.2	22.0
9 28	21 25.17	−56 14.0	3.105	3.603	14.9	22.1

381984 2010 GQ_{172} 8 20.7 352°.11 2°.7/18.0 18

7 20	22 19.14	−13 44.5	1.588	2.494	13.3	19.7
7 30	22 15.00	−15 28.3	1.528	2.492	9.3	19.4
8 9	22 8.86	−17 22.8	1.492	2.491	5.1	19.2
8 19	22 1.41	−19 19.0	1.481	2.489	2.8	19.0
8 29	21 53.69	−21 6.5	1.498	2.488	5.9	19.2
9 8	21 46.80	−22 36.6	1.541	2.488	10.1	19.5
9 18	21 41.67	−23 44.3	1.607	2.488	13.9	19.7
9 28	21 38.99	−24 27.9	1.693	2.488	17.1	19.9

520212 2014 DT_{151} 8 20.7 35°.54 0°.9/19.9 18

7 20	22 20.53	−11 51.7	1.753	2.649	12.8	21.0
7 30	22 15.74	−12 41.5	1.695	2.653	9.1	20.8
8 9	22 9.15	−13 40.3	1.660	2.657	4.9	20.5
8 19	22 1.45	−14 42.5	1.650	2.662	1.0	20.3
8 29	21 53.60	−15 41.5	1.668	2.667	4.1	20.5
9 8	21 46.58	−16 31.5	1.713	2.672	8.3	20.8
9 18	21 41.20	−17 8.6	1.781	2.677	12.0	21.0
9 28	21 38.06	−17 31.0	1.871	2.682	15.1	21.2

141592 2002 HN_{10} 8 20.7 50°.57 2°.2/22.2 17

7 20	22 23.65	− 5 10.8	1.175	2.069	17.8	19.8
7 30	22 18.43	− 5 30.5	1.131	2.084	13.1	19.5
8 9	22 10.77	− 6 9.5	1.107	2.099	7.9	19.3
8 19	22 1.69	− 7 2.4	1.106	2.115	2.9	19.0
8 29	21 52.57	− 8 1.6	1.129	2.131	4.5	19.2
9 8	21 44.79	− 8 58.5	1.175	2.148	9.5	19.5
9 18	21 39.38	− 9 46.3	1.244	2.165	14.1	19.9
9 28	21 36.96	−10 20.6	1.333	2.182	17.9	20.2

424381 2007 WO_{16} 8 20.7 272°.04 1°.0/20.0 18

7 20	22 24.08	−11 42.6	1.426	2.326	14.9	21.1
7 30	22 18.85	−12 27.2	1.352	2.312	10.7	20.9
8 9	22 11.16	−13 24.2	1.299	2.297	5.9	20.5
8 19	22 1.79	−14 27.2	1.271	2.283	1.1	20.2
8 29	21 51.93	−15 28.2	1.269	2.268	5.0	20.4
9 8	21 42.95	−16 19.5	1.291	2.253	10.1	20.7
9 18	21 36.04	−16 55.8	1.337	2.238	14.8	20.9
9 28	21 32.05	−17 14.7	1.401	2.223	18.7	21.1

110075 2001 SR_{113} 8 20.7 308°.62 4°.8/24.3 18

7 20	22 20.41	+ 0 53.3	1.463	2.328	16.6	19.7
7 30	22 16.11	+ 0 50.0	1.385	2.315	13.0	19.4
8 9	22 9.59	+ 0 24.0	1.327	2.302	9.1	19.1
8 19	22 1.55	− 0 23.5	1.291	2.290	5.5	18.9
8 29	21 53.06	− 1 27.9	1.280	2.277	5.4	18.9
9 8	21 45.35	− 2 41.7	1.294	2.265	9.0	19.0
9 18	21 39.48	− 3 56.4	1.331	2.254	13.2	19.3
9 28	21 36.27	− 5 4.1	1.389	2.243	17.1	19.5

487776 2015 RJ_{217} 8 20.7 283°.98 3°.5/24.4 17

7 20	22 18.54	+ 1 24.7	2.300	3.140	12.2	21.8
7 30	22 14.15	+ 1 0.7	2.201	3.118	9.6	21.6
8 9	22 8.26	+ 0 19.8	2.125	3.095	6.6	21.4
8 19	22 1.35	− 0 36.3	2.075	3.072	4.0	21.2
8 29	21 54.08	− 1 44.3	2.053	3.048	3.9	21.1
9 8	21 47.24	− 2 58.9	2.059	3.025	6.5	21.3
9 18	21 41.54	− 4 14.3	2.091	3.002	9.7	21.4
9 28	21 37.59	− 5 25.1	2.147	2.978	12.7	21.6

364031 2005 WZ_{10} 8 20.7 232°.56 3°.5/24.4 18

7 20	22 19.75	+ 1 3.7	2.436	3.273	11.7	21.6
7 30	22 14.84	+ 0 58.2	2.353	3.267	9.2	21.4
8 9	22 8.56	+ 0 38.6	2.293	3.260	6.4	21.3
8 19	22 1.39	+ 0 6.0	2.259	3.253	4.0	21.1
8 29	21 54.00	− 0 36.6	2.254	3.247	3.9	21.1
9 8	21 47.12	− 1 25.4	2.276	3.239	6.2	21.2
9 18	21 41.37	− 2 15.8	2.324	3.232	9.0	21.4
9 28	21 37.29	− 3 3.5	2.397	3.225	11.7	21.6

352404 2007 XC_{19} 8 20.7 306°.00 0°.9/20.1 18

7 20	22 22.81	−13 14.0	1.709	2.606	13.0	20.8
7 30	22 17.57	−13 34.8	1.633	2.592	9.3	20.6
8 9	22 10.29	−14 2.9	1.581	2.578	5.1	20.3
8 19	22 1.67	−14 33.8	1.553	2.565	1.0	20.0
8 29	21 52.71	−15 2.2	1.553	2.552	4.3	20.2
9 8	21 44.53	−15 23.2	1.578	2.539	8.7	20.4
9 18	21 38.08	−15 33.7	1.627	2.526	12.7	20.6
9 28	21 34.08	−15 32.0	1.697	2.514	16.2	20.8

56829 2000 QL_{28} 8 20.7 352.°29 0.°4/20.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 19.89	−10 46.0	1.817	2.710	12.6	18.9
7 30	22 15.29	−11 24.5	1.751	2.708	9.0	18.7
8 9	22 8.92	−12 12.7	1.709	2.706	4.9	18.4
8 19	22 1.45	−13 5.8	1.693	2.704	0.7	18.1
8 29	21 53.78	−13 58.0	1.703	2.703	3.8	18.4
9 8	21 46.86	−14 43.6	1.740	2.702	7.9	18.6
9 18	21 41.50	−15 18.8	1.801	2.702	11.6	18.8
9 28	21 38.31	−15 41.1	1.884	2.702	14.8	19.1

322237 2011 BV_{114} 8 20.7 121.°35 0.°6/21.2 17 R

7 20	22 24.58	− 8 27.7	1.699	2.582	13.8	21.2
7 30	22 18.62	− 8 58.8	1.643	2.592	10.0	21.0
8 9	22 10.74	− 9 41.5	1.609	2.602	5.7	20.8
8 19	22 1.72	−10 30.9	1.601	2.612	1.2	20.5
8 29	21 52.58	−11 21.4	1.620	2.622	3.7	20.7
9 8	21 44.39	−12 7.1	1.667	2.631	8.0	21.0
9 18	21 37.99	−12 43.7	1.737	2.640	11.9	21.2
9 28	21 33.99	−13 8.5	1.830	2.648	15.1	21.5

398670 2012 VP_5 8 20.7 27.°14 20.°1/ 7.6 17

7 20	22 22.06	+26 41.8	1.071	1.819	28.6	20.2
7 30	22 18.03	+28 41.7	1.022	1.823	26.4	20.0
8 9	22 10.97	+29 54.3	0.983	1.827	24.2	19.9
8 19	22 1.80	+30 10.0	0.957	1.832	22.1	19.8
8 29	21 52.08	+29 24.0	0.945	1.838	20.6	19.7
9 8	21 43.60	+27 41.3	0.948	1.844	20.1	19.7
9 18	21 37.86	+25 14.6	0.968	1.851	20.7	19.8
9 28	21 35.83	+22 22.6	1.005	1.858	22.2	19.9

469523 2003 SX_{68} 8 20.7 342.°10 5.°7/25.7 18

7 20	22 15.55	+ 4 27.2	1.343	2.206	18.0	20.1
7 30	22 12.72	+ 4 1.5	1.269	2.194	14.4	19.8
8 9	22 7.74	+ 3 5.4	1.213	2.184	10.4	19.6
8 19	22 1.31	+ 1 40.6	1.179	2.174	6.7	19.4
8 29	21 54.48	− 0 6.6	1.169	2.165	6.0	19.3
9 8	21 48.46	− 2 5.5	1.183	2.158	9.1	19.4
9 18	21 44.30	− 4 4.3	1.220	2.152	13.3	19.7
9 28	21 42.78	− 5 52.2	1.278	2.147	17.3	19.9

387026 2012 SW_9 8 20.7 318.°91 2.°3/19.6 18

7 20	22 26.59	−17 29.9	1.373	2.280	14.9	19.3
7 30	22 20.84	−17 27.8	1.292	2.256	10.8	19.0
8 9	22 12.38	−17 27.8	1.233	2.232	6.1	18.7
8 19	22 2.02	−17 24.7	1.198	2.208	2.3	18.4
8 29	21 51.09	−17 13.3	1.188	2.186	5.7	18.5
9 8	21 41.14	−16 49.9	1.203	2.164	10.8	18.8
9 18	21 33.45	−16 13.7	1.239	2.142	15.6	19.0
9 28	21 28.94	−15 25.0	1.295	2.122	19.6	19.2

373167 2012 DS_{13} 8 20.7 129.°54 3.°9/18.4 18

7 20	22 29.94	−20 35.6	1.493	2.395	14.2	20.6
7 30	22 22.73	−21 3.5	1.440	2.400	10.2	20.3
8 9	22 13.12	−21 30.8	1.410	2.404	6.1	20.1
8 19	22 2.08	−21 50.8	1.404	2.409	3.9	20.0
8 29	21 50.98	−21 57.6	1.425	2.413	6.5	20.2
9 8	21 41.16	−21 48.4	1.471	2.417	10.6	20.4
9 18	21 33.66	−21 23.1	1.541	2.420	14.4	20.7
9 28	21 29.13	−20 43.5	1.630	2.424	17.7	20.9

67068 1999 YO_{25} 8 20.7 14.°08 6.°5/26.9 18

7 20	22 20.52	+ 8 18.8	2.220	3.021	13.9	19.2
7 30	22 15.50	+ 8 49.0	2.145	3.022	11.5	19.1
8 9	22 8.97	+ 9 0.5	2.091	3.023	9.1	18.9
8 19	22 1.48	+ 8 52.7	2.061	3.024	7.1	18.8
8 29	21 53.77	+ 8 27.1	2.056	3.025	6.6	18.8
9 8	21 46.65	+ 7 47.3	2.078	3.026	7.8	18.8
9 18	21 40.82	+ 6 58.1	2.126	3.028	10.0	19.0
9 28	21 36.82	+ 6 5.3	2.197	3.029	12.4	19.2

141470 2002 CH_{183} 8 20.7 84.°41 0.°1/20.7 18

7 20	22 21.31	−10 43.6	2.129	3.012	11.4	20.3
7 30	22 16.03	−11 8.4	2.066	3.018	8.1	20.1
8 9	22 9.23	−11 40.6	2.029	3.024	4.5	19.9
8 19	22 1.51	−12 16.7	2.017	3.029	0.7	19.6
8 29	21 53.68	−12 52.3	2.035	3.035	3.2	19.9
9 8	21 46.55	−13 23.3	2.079	3.040	6.9	20.1
9 18	21 40.82	−13 46.7	2.149	3.046	10.2	20.3
9 28	21 37.00	−14 0.6	2.242	3.052	13.0	20.5

514964 2009 BE_{128} 8 20.7 224.°12 2.°1/18.9 18

7 20	22 24.72	−17 22.8	2.194	3.084	10.8	22.0
7 30	22 18.54	−17 53.0	2.120	3.076	7.7	21.8
8 9	22 10.67	−18 25.8	2.072	3.068	4.3	21.6
8 19	22 1.74	−18 56.6	2.051	3.059	2.1	21.4
8 29	21 52.58	−19 21.0	2.059	3.050	4.5	21.6
9 8	21 44.12	−19 35.6	2.094	3.040	7.9	21.8
9 18	21 37.12	−19 38.6	2.155	3.030	11.1	22.0
9 28	21 32.17	−19 29.5	2.238	3.020	13.8	22.1

434646 2005 XM_{61} 8 20.7 199.°24 8.°0/12.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 25.40	−30 52.8	1.801	2.700	12.3	21.2
7 30	22 19.50	−32 34.7	1.753	2.699	9.8	21.0
8 9	22 11.37	−34 8.7	1.730	2.697	8.1	20.9
8 19	22 1.85	−35 25.4	1.733	2.695	8.3	20.9
8 29	21 52.08	−36 17.5	1.761	2.693	10.2	21.0
9 8	21 43.31	−36 41.4	1.812	2.690	12.8	21.2
9 18	21 36.55	−36 38.1	1.884	2.687	15.4	21.4
9 28	21 32.47	−36 10.8	1.974	2.684	17.6	21.5

216857 2008 AF_{24} 8 20.7 132.°81 2.°0/19.2 18

7 20	22 25.04	−14 26.1	1.539	2.439	14.0	20.6
7 30	22 19.19	−15 19.4	1.484	2.445	9.9	20.3
8 9	22 11.17	−16 20.0	1.452	2.450	5.4	20.1
8 19	22 1.82	−17 20.9	1.445	2.455	2.0	19.9
8 29	21 52.30	−18 14.7	1.465	2.460	5.2	20.1
9 8	21 43.83	−18 55.3	1.510	2.464	9.6	20.4
9 18	21 37.37	−19 19.7	1.579	2.469	13.6	20.6
9 28	21 33.58	−19 27.1	1.668	2.473	16.9	20.9

476310 2007 XA_{13} 8 20.7 298.°47 1.°1/19.8 18 R

7 20	22 22.43	−13 30.6	1.782	2.677	12.6	21.1
7 30	22 17.21	−14 0.4	1.709	2.667	9.0	20.9
8 9	22 10.07	−14 37.2	1.660	2.658	4.9	20.6
8 19	22 1.66	−15 16.4	1.637	2.648	1.2	20.4
8 29	21 52.98	−15 52.4	1.640	2.638	4.3	20.6
9 8	21 45.06	−16 20.2	1.670	2.629	8.5	20.8
9 18	21 38.81	−16 36.7	1.724	2.619	12.3	21.0
9 28	21 34.89	−16 40.3	1.799	2.610	15.6	21.2

491511 2012 JG_{22} 8 20.7 184.°96 15.°6/ 4.0 17

7 20	22 25.76	+25 23.1	1.357	2.078	24.6	21.5
7 30	22 20.31	+26 8.1	1.286	2.080	22.3	21.3
8 9	22 12.11	+26 9.8	1.229	2.080	19.9	21.1
8 19	22 2.00	+25 21.1	1.187	2.079	17.5	21.0
8 29	21 51.36	+23 40.3	1.164	2.078	15.9	20.9
9 8	21 41.75	+21 14.0	1.162	2.075	15.8	20.9
9 18	21 34.49	+18 16.2	1.182	2.072	17.1	21.0
9 28	21 30.50	+15 4.6	1.222	2.068	19.5	21.1

448644 2010 VU_{87} 8 20.7 281.°75 1.°7/22.3 17

7 20	22 20.19	− 5 27.2	2.232	3.099	11.6	21.9
7 30	22 15.28	− 5 39.3	2.151	3.090	8.6	21.7
8 9	22 8.87	− 6 2.5	2.095	3.081	5.3	21.5
8 19	22 1.49	− 6 34.4	2.065	3.072	2.1	21.3
8 29	21 53.87	− 7 11.3	2.063	3.064	3.1	21.3
9 8	21 46.82	− 7 49.2	2.088	3.055	6.5	21.5
9 18	21 41.02	− 8 24.0	2.140	3.046	9.8	21.7
9 28	21 37.04	− 8 52.6	2.215	3.037	12.7	21.9

53700 2000 DU_{94} 8 20.7 114.°02 1.°5/19.8 17

7 20	22 26.50	−12 38.1	1.313	2.215	15.8	19.5
7 30	22 20.46	−13 27.0	1.262	2.223	11.2	19.2
8 9	22 11.95	−14 26.2	1.233	2.231	6.1	19.0
8 19	22 1.95	−15 28.1	1.228	2.239	1.5	18.7
8 29	21 51.80	−16 24.1	1.248	2.247	5.3	19.0
9 8	21 42.91	−17 7.4	1.294	2.254	10.2	19.3
9 18	21 36.35	−17 34.1	1.361	2.261	14.7	19.6
9 28	21 32.80	−17 43.2	1.448	2.268	18.3	19.8

335507 2005 YF_{114} 8 20.7 347.°21 2.°9/18.6 18

7 20	22 22.72	−16 30.4	1.494	2.402	13.8	20.6
7 30	22 17.66	−17 23.7	1.436	2.400	9.8	20.3
8 9	22 10.39	−18 22.7	1.400	2.398	5.5	20.1
8 19	22 1.72	−19 20.3	1.388	2.396	2.9	19.9
8 29	21 52.83	−20 8.6	1.403	2.395	5.9	20.1
9 8	21 44.93	−20 42.1	1.442	2.394	10.2	20.3
9 18	21 39.04	−20 57.7	1.503	2.393	14.2	20.6
9 28	21 35.83	−20 55.3	1.584	2.392	17.5	20.8

476969 2008 YU_{13} 8 20.7 281.°17 2.°5/18.6 18

7 20	22 22.79	−15 59.3	1.836	2.734	12.2	20.9
7 30	22 17.61	−16 54.2	1.750	2.710	8.7	20.7
8 9	22 10.39	−17 56.0	1.689	2.686	4.9	20.4
8 19	22 1.74	−18 58.7	1.654	2.662	2.5	20.2
8 29	21 52.63	−19 55.3	1.646	2.637	5.3	20.3
9 8	21 44.14	−20 39.8	1.664	2.612	9.4	20.5
9 18	21 37.25	−21 8.5	1.706	2.587	13.2	20.7
9 28	21 32.75	−21 19.9	1.769	2.562	16.6	20.9

50401 2000 CJ_{109} 8 20.7 97.°40 6.°0/25.4 18

7 20	22 24.49	+ 4 2.0	1.612	2.450	16.6	19.0
7 30	22 18.66	+ 4 17.6	1.553	2.463	13.2	18.8
8 9	22 10.83	+ 4 11.0	1.515	2.475	9.7	18.6
8 19	22 1.79	+ 3 43.0	1.500	2.487	6.7	18.5
8 29	21 52.60	+ 2 57.1	1.511	2.499	6.2	18.5
9 8	21 44.36	+ 1 59.6	1.548	2.511	8.6	18.6
9 18	21 37.98	+ 0 57.8	1.609	2.522	11.9	18.9
9 28	21 34.07	− 0 1.4	1.691	2.533	15.1	19.1

257397 2009 SL_{229} 8 20.7 269°.96 0°.1/20.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 13.65	−11 8.7	4.436	5.310	6.1	20.6
7 30	22 10.04	−11 34.1	4.356	5.304	4.3	20.5
8 9	22 5.74	−12 3.1	4.303	5.297	2.4	20.4
8 19	22 1.01	−12 34.0	4.280	5.291	0.3	20.2
8 29	21 56.21	−13 4.9	4.286	5.285	1.7	20.3
9 8	21 51.66	−13 33.6	4.321	5.279	3.8	20.4
9 18	21 47.69	−13 58.6	4.385	5.273	5.6	20.6
9 28	21 44.59	−14 18.6	4.474	5.267	7.2	20.7

102003 1999 RX_{80} 8 20.7 161°.95 0°.6/21.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 27.20	− 9 55.1	1.530	2.417	14.8	19.4
7 30	22 20.75	−10 2.3	1.467	2.419	10.7	19.1
8 9	22 12.06	−10 19.8	1.426	2.421	6.1	18.9
8 19	22 1.98	−10 43.5	1.411	2.423	1.2	18.5
8 29	21 51.68	−11 8.4	1.423	2.424	4.0	18.8
9 8	21 42.43	−11 29.5	1.460	2.425	8.8	19.0
9 18	21 35.24	−11 43.0	1.521	2.426	13.1	19.3
9 28	21 30.78	−11 46.8	1.603	2.427	16.6	19.5

185369 2006 VJ_{117} 8 20.7 131°.43 0°.9/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 21.82	−13 0.3	2.158	3.046	11.1	21.1
7 30	22 16.41	−13 33.0	2.096	3.050	7.8	20.9
8 9	22 9.46	−14 11.6	2.058	3.054	4.3	20.7
8 19	22 1.58	−14 51.9	2.047	3.058	0.9	20.4
8 29	21 53.57	−15 29.4	2.064	3.062	3.6	20.6
9 8	21 46.27	−16 0.1	2.109	3.065	7.1	20.9
9 18	21 40.36	−16 21.3	2.180	3.069	10.4	21.1
9 28	21 36.38	−16 31.5	2.273	3.072	13.1	21.3

97309 1999 XG_{196} 8 20.7 116°.10 4°.8/16.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 25.84	−25 6.7	2.148	3.043	10.8	19.2
7 30	22 19.24	−26 4.1	2.107	3.059	7.9	19.0
8 9	22 10.98	−26 57.4	2.091	3.075	5.5	18.9
8 19	22 1.79	−27 40.8	2.102	3.091	4.9	18.9
8 29	21 52.62	−28 9.3	2.141	3.106	6.6	19.0
9 8	21 44.36	−28 20.8	2.207	3.121	9.3	19.2
9 18	21 37.76	−28 15.1	2.297	3.136	11.8	19.4
9 28	21 33.32	−27 53.9	2.407	3.149	14.0	19.6

360404 2002 GF_{6} 8 20.7 148°.94 6°.7/13.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 26.33	−35 57.3	2.712	3.587	9.5	21.5
7 30	22 19.46	−36 52.0	2.672	3.594	7.8	21.4
8 9	22 11.07	−37 36.6	2.657	3.602	6.8	21.3
8 19	22 1.81	−38 6.0	2.668	3.609	6.9	21.3
8 29	21 52.53	−38 16.8	2.706	3.615	8.1	21.4
9 8	21 44.09	−38 8.0	2.769	3.621	9.7	21.5
9 18	21 37.15	−37 40.9	2.856	3.627	11.5	21.7
9 28	21 32.21	−36 58.0	2.962	3.633	13.0	21.8

36391 2000 OO_{40} 8 20.7 277°.62 6°.1/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 24.97	+ 1 38.8	1.410	2.267	17.6	19.1
7 30	22 19.54	+ 2 10.6	1.330	2.254	14.0	18.9
8 9	22 11.62	+ 2 21.2	1.271	2.240	10.1	18.6
8 19	22 1.95	+ 2 9.7	1.233	2.226	6.8	18.4
8 29	21 51.71	+ 1 38.5	1.220	2.212	6.6	18.4
9 8	21 42.29	+ 0 53.3	1.232	2.198	9.9	18.5
9 18	21 34.90	+ 0 1.5	1.266	2.184	14.1	18.7
9 28	21 30.44	− 0 49.2	1.320	2.170	18.0	18.9

383241 2006 BV_{135} 8 20.7 187°.76 0°.5/20.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 22.87	−10 56.4	2.172	3.053	11.3	22.6
7 30	22 17.20	−11 43.2	2.101	3.052	8.1	22.4
8 9	22 9.94	−12 38.3	2.056	3.051	4.4	22.2
8 19	22 1.66	−13 37.2	2.038	3.049	0.7	21.9
8 29	21 53.18	−14 34.5	2.049	3.047	3.5	22.1
9 8	21 45.36	−15 25.4	2.088	3.045	7.2	22.3
9 18	21 38.92	−16 6.2	2.153	3.041	10.5	22.5
9 28	21 34.43	−16 34.7	2.241	3.037	13.4	22.7

509031 2005 QY_{59} 8 20.7 336°.84 1°.1/21.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 18.93	− 8 8.2	1.139	2.049	17.0	20.4
7 30	22 15.51	− 8 25.1	1.071	2.034	12.5	20.1
8 9	22 9.47	− 8 59.6	1.022	2.019	7.3	19.8
8 19	22 1.63	− 9 46.9	0.995	2.006	1.8	19.4
8 29	21 53.29	−10 39.6	0.991	1.994	4.7	19.6
9 8	21 45.98	−11 29.0	1.009	1.983	10.4	19.9
9 18	21 40.94	−12 8.1	1.047	1.974	15.6	20.1
9 28	21 39.07	−12 31.7	1.104	1.966	20.0	20.4

47215 1999 TZ_{319} 8 20.7 76°.26 2°.0/19.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 29.70	−17 8.6	1.684	2.576	13.4	18.1
7 30	22 22.10	−17 18.1	1.643	2.600	9.4	17.9
8 9	22 12.56	−17 29.3	1.627	2.623	5.2	17.7
8 19	22 2.03	−17 37.5	1.636	2.646	2.0	17.5
8 29	21 51.65	−17 38.8	1.674	2.669	4.7	17.8
9 8	21 42.53	−17 30.7	1.738	2.691	8.7	18.0
9 18	21 35.47	−17 12.5	1.827	2.714	12.2	18.3
9 28	21 30.97	−16 44.7	1.937	2.736	15.1	18.6

355506 2007 YN_{46} 8 20.7 69°.25 1°.8/18.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 20.53	−14 19.9	1.952	2.849	11.6	20.5
7 30	22 15.63	−15 19.3	1.896	2.855	8.2	20.3
8 9	22 9.08	−16 25.0	1.863	2.861	4.5	20.1
8 19	22 1.53	−17 31.0	1.858	2.867	1.8	20.0
8 29	21 53.85	−18 31.1	1.880	2.873	4.4	20.2
9 8	21 46.92	−19 20.4	1.929	2.880	8.1	20.4
9 18	21 41.51	−19 55.6	2.002	2.886	11.4	20.6
9 28	21 38.15	−20 15.4	2.097	2.892	14.2	20.8

423795 2006 HQ_{34} 8 20.7 47°.17 6°.4/16.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 25.38	−25 56.1	1.485	2.395	13.8	20.1
7 30	22 19.44	−27 0.2	1.451	2.410	10.2	20.0
8 9	22 11.26	−27 58.2	1.439	2.425	7.3	19.8
8 19	22 1.86	−28 41.7	1.453	2.441	6.6	19.8
8 29	21 52.52	−29 4.3	1.490	2.458	8.7	20.0
9 8	21 44.50	−29 3.8	1.552	2.474	11.9	20.2
9 18	21 38.72	−28 41.2	1.635	2.491	15.0	20.5
9 28	21 35.72	−27 59.7	1.737	2.508	17.6	20.7

470999 2009 SU_{147} 8 20.7 101°.06 2°.7/22.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 25.39	− 3 33.7	1.647	2.515	15.0	20.8
7 30	22 19.21	− 3 43.6	1.594	2.531	11.2	20.6
8 9	22 11.09	− 4 9.1	1.563	2.547	7.0	20.4
8 19	22 1.85	− 4 47.0	1.557	2.562	3.2	20.2
8 29	21 52.54	− 5 32.4	1.577	2.578	4.0	20.3
9 8	21 44.24	− 6 19.2	1.625	2.593	7.8	20.6
9 18	21 37.79	− 7 2.2	1.697	2.607	11.6	20.8
9 28	21 33.78	− 7 37.2	1.791	2.621	14.9	21.1

476876 2008 VG_{27} 8 20.7 322°.84 1°.9/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 21.21	− 6 39.5	1.416	2.307	15.5	20.7
7 30	22 16.78	− 6 44.1	1.339	2.291	11.5	20.4
8 9	22 10.05	− 7 3.8	1.284	2.276	7.0	20.1
8 19	22 1.73	− 7 35.7	1.252	2.261	2.5	19.8
8 29	21 52.96	− 8 14.6	1.244	2.247	4.2	19.9
9 8	21 45.02	− 8 54.0	1.261	2.233	9.1	20.2
9 18	21 39.02	− 9 28.0	1.301	2.220	13.7	20.4
9 28	21 35.78	− 9 52.0	1.361	2.208	17.8	20.6

236573 2006 HS_{92} 8 20.7 311°.66 0°.9/20.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 20.64	−11 22.7	1.636	2.534	13.4	20.3
7 30	22 16.09	−12 12.3	1.565	2.524	9.6	20.0
8 9	22 9.53	−13 13.0	1.518	2.515	5.3	19.7
8 19	22 1.64	−14 19.1	1.495	2.506	1.0	19.4
8 29	21 53.44	−15 23.3	1.499	2.498	4.4	19.7
9 8	21 46.02	−16 18.9	1.528	2.489	8.9	19.9
9 18	21 40.33	−17 1.1	1.582	2.481	13.0	20.1
9 28	21 37.06	−17 27.1	1.655	2.474	16.4	20.3

434655 2005 YT_{66} 8 20.7 148°.80 1°.8/19.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 23.20	−14 27.6	1.958	2.850	11.8	21.8
7 30	22 17.55	−15 27.5	1.900	2.857	8.3	21.6
8 9	22 10.16	−16 33.4	1.866	2.863	4.6	21.3
8 19	22 1.73	−17 39.4	1.860	2.869	1.8	21.2
8 29	21 53.14	−18 39.3	1.881	2.875	4.5	21.4
9 8	21 45.35	−19 27.8	1.930	2.880	8.2	21.6
9 18	21 39.13	−20 2.1	2.004	2.884	11.6	21.8
9 28	21 35.07	−20 21.0	2.100	2.888	14.4	22.0

371941 2008 ET_{129} 8 20.7 228°.04 2°.2/18.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 25.14	−14 54.6	1.770	2.664	12.8	21.6
7 30	22 19.26	−15 51.8	1.696	2.654	9.1	21.4
8 9	22 11.28	−16 56.3	1.647	2.644	5.0	21.1
8 19	22 1.92	−18 1.8	1.623	2.632	2.2	20.9
8 29	21 52.20	−19 1.0	1.628	2.621	5.1	21.1
9 8	21 43.25	−19 47.9	1.659	2.608	9.3	21.3
9 18	21 36.05	−20 19.0	1.714	2.595	13.1	21.5
9 28	21 31.34	−20 33.0	1.790	2.582	16.4	21.7

70311 1999 RG_{137} 8 20.7 259°.12 0°.1/20.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 27.09	−11 3.2	1.602	2.490	14.2	18.7
7 30	22 20.86	−11 14.4	1.521	2.474	10.3	18.4
8 9	22 12.27	−11 34.9	1.462	2.458	5.8	18.1
8 19	22 2.08	−12 0.8	1.430	2.441	0.9	17.8
8 29	21 51.42	−12 26.8	1.423	2.424	4.2	18.0
9 8	21 41.58	−12 47.8	1.444	2.407	9.1	18.2
9 18	21 33.66	−13 0.2	1.488	2.389	13.5	18.4
9 28	21 28.49	−13 1.5	1.552	2.371	17.3	18.6

378228 2007 BD_{39} 8 20.7 186°.96 2°.3/22.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 24.72	− 4 39.4	1.759	2.628	14.1	21.3
7 30	22 18.81	− 4 46.2	1.689	2.628	10.5	21.1
8 9	22 10.96	− 5 6.9	1.642	2.627	6.6	20.9
8 19	22 1.87	− 5 39.0	1.620	2.626	2.8	20.6
8 29	21 52.53	− 6 18.0	1.625	2.625	3.8	20.7
9 8	21 44.01	− 6 58.6	1.657	2.624	7.8	20.9
9 18	21 37.20	− 7 36.0	1.714	2.622	11.6	21.2
9 28	21 32.76	− 8 5.9	1.793	2.620	15.0	21.4

153246 2001 BK_1 8 20.7 200°.34 3°.9/16.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 23.26	−24 24.2	2.599	3.491	9.3	20.3
7 30	22 17.32	−25 5.9	2.536	3.488	6.8	20.1
8 9	22 9.94	−25 45.1	2.499	3.485	4.6	20.0
8 19	22 1.71	−26 17.4	2.490	3.482	3.9	20.0
8 29	21 53.34	−26 38.6	2.509	3.478	5.5	20.1
9 8	21 45.62	−26 46.6	2.556	3.474	8.0	20.2
9 18	21 39.19	−26 40.7	2.628	3.470	10.4	20.4
9 28	21 34.55	−26 21.4	2.721	3.466	12.5	20.5

269070 2007 GR_{48} 8 20.7 152°.21 3°.9/24.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 22.51	+ 1 41.2	2.011	2.850	13.8	20.9
7 30	22 17.01	+ 1 22.8	1.942	2.857	10.7	20.7
8 9	22 9.87	+ 0 46.5	1.895	2.864	7.4	20.5
8 19	22 1.71	− 0 5.6	1.874	2.870	4.5	20.3
8 29	21 53.37	− 1 9.2	1.880	2.875	4.3	20.3
9 8	21 45.75	− 2 18.4	1.915	2.880	7.0	20.5
9 18	21 39.58	− 3 27.2	1.975	2.885	10.3	20.7
9 28	21 35.43	− 4 30.2	2.059	2.889	13.2	20.9

387176 2012 TX_{260} 8 20.7 310°.65 1°.2/19.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 21.24	−12 16.4	1.626	2.525	13.4	20.5
7 30	22 16.52	−13 9.2	1.558	2.518	9.6	20.3
8 9	22 9.77	−14 12.2	1.514	2.512	5.2	20.0
8 19	22 1.71	−15 19.3	1.495	2.506	1.3	19.7
8 29	21 53.35	−16 23.0	1.503	2.500	4.6	20.0
9 8	21 45.82	−17 16.7	1.536	2.495	9.0	20.2
9 18	21 40.05	−17 55.9	1.592	2.489	13.1	20.5
9 28	21 36.74	−18 18.4	1.670	2.484	16.5	20.7

119013 2000 YM_{121} 8 20.8 304°.62 0°.3/21.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 18.20	− 5 56.8	1.909	2.789	12.7	19.2
7 30	22 14.30	− 7 20.9	1.810	2.759	9.3	18.9
8 9	22 8.58	− 9 4.0	1.736	2.729	5.3	18.6
8 19	22 1.55	−11 1.1	1.688	2.699	1.0	18.2
8 29	21 54.01	−13 3.9	1.668	2.669	3.6	18.4
9 8	21 46.91	−15 3.3	1.677	2.640	8.1	18.6
9 18	21 41.16	−16 50.9	1.712	2.610	12.2	18.8
9 28	21 37.53	−18 20.7	1.769	2.581	15.8	19.0

120327 2004 NV_{10} 8 20.8 31°.28 4°.3/17.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 20.23	−19 41.4	1.533	2.446	13.2	18.6
7 30	22 15.70	−20 56.9	1.496	2.462	9.3	18.5
8 9	22 9.21	−22 13.4	1.483	2.479	5.7	18.3
8 19	22 1.61	−23 22.7	1.495	2.496	4.3	18.2
8 29	21 53.98	−24 17.3	1.532	2.514	6.9	18.4
9 8	21 47.43	−24 52.5	1.594	2.533	10.4	18.7
9 18	21 42.78	−25 7.0	1.678	2.552	13.7	18.9
9 28	21 40.57	−25 1.8	1.781	2.572	16.5	19.2

476729 2008 UR_{29} 8 20.8 350°.81 6°.8/25.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 15.25	+ 3 21.8	1.134	2.012	19.5	20.4
7 30	22 12.80	+ 3 35.7	1.068	2.001	15.7	20.1
8 9	22 7.94	+ 3 20.1	1.020	1.992	11.5	19.8
8 19	22 1.45	+ 2 34.9	0.991	1.985	7.8	19.6
8 29	21 54.55	+ 1 24.6	0.984	1.979	7.1	19.6
9 8	21 48.62	− 0 1.2	0.999	1.975	10.2	19.7
9 18	21 44.81	− 1 31.2	1.035	1.972	14.5	20.0
9 28	21 43.95	− 2 54.4	1.089	1.972	18.6	20.2

181563 2006 UQ_{329} 8 20.8 252°.59 2°.2/18.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 23.98	−17 37.7	2.132	3.024	11.0	20.6
7 30	22 18.08	−18 3.2	2.061	3.017	7.8	20.4
8 9	22 10.47	−18 30.9	2.014	3.010	4.4	20.2
8 19	22 1.81	−18 56.4	1.995	3.003	2.2	20.0
8 29	21 52.95	−19 15.3	2.003	2.995	4.5	20.2
9 8	21 44.81	−19 24.6	2.040	2.987	7.9	20.4
9 18	21 38.15	−19 22.4	2.101	2.979	11.2	20.6
9 28	21 33.56	−19 8.5	2.184	2.972	14.0	20.8

168714 2000 JQ_{10} 8 20.8 2°.16 8°.3/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 5.65	+ 0 59.4	0.617	1.550	23.8	17.9
7 30	22 6.67	+ 1 53.8	0.578	1.543	19.2	17.6
8 9	22 4.79	+ 2 10.7	0.552	1.540	14.1	17.3
8 19	22 0.99	+ 1 48.5	0.541	1.541	9.6	17.1
8 29	21 56.88	+ 0 52.9	0.545	1.546	8.6	17.1
9 8	21 54.21	− 0 22.4	0.566	1.554	12.1	17.4
9 18	21 54.24	− 1 42.0	0.603	1.566	17.0	17.7
9 28	21 57.73	− 2 51.5	0.655	1.581	21.6	18.0

509971 2009 SS_{333} 8 20.8 283°.06 1°.5/19.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 23.55	−13 4.3	1.539	2.438	14.0	22.0
7 30	22 18.44	−13 48.8	1.459	2.420	10.1	21.7
8 9	22 10.99	−14 43.7	1.403	2.401	5.6	21.4
8 19	22 1.93	−15 42.8	1.371	2.382	1.5	21.1
8 29	21 52.37	−16 38.7	1.365	2.362	5.0	21.3
9 8	21 43.58	−17 24.2	1.384	2.343	9.8	21.5
9 18	21 36.70	−17 55.0	1.427	2.324	14.3	21.7
9 28	21 32.57	−18 8.6	1.489	2.305	18.1	21.9

93651 2000 UU_{94} 8 20.8 229°.36 4°.0/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 23.31	+ 0 17.2	1.969	2.814	13.8	20.1
7 30	22 17.73	+ 0 22.6	1.888	2.807	10.7	19.9
8 9	22 10.36	+ 0 11.9	1.829	2.799	7.4	19.7
8 19	22 1.82	− 0 13.9	1.795	2.791	4.6	19.5
8 29	21 52.96	− 0 51.7	1.789	2.783	4.6	19.5
9 8	21 44.75	− 1 36.9	1.809	2.774	7.4	19.6
9 18	21 38.00	− 2 24.1	1.856	2.765	10.8	19.8
9 28	21 33.38	− 3 8.3	1.925	2.756	14.0	20.0

325083 2008 DO_{25} 8 20.8 54°.99 7°.2/16.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 29.53	−26 1.2	1.211	2.124	15.9	19.2
7 30	22 22.57	−27 4.9	1.188	2.149	11.8	19.1
8 9	22 13.03	−28 0.1	1.187	2.175	8.2	18.9
8 19	22 2.19	−28 37.3	1.210	2.200	7.3	19.0
8 29	21 51.66	−28 49.9	1.256	2.226	9.6	19.2
9 8	21 42.92	−28 36.6	1.325	2.253	13.0	19.4
9 18	21 36.94	−28 0.5	1.414	2.279	16.4	19.7
9 28	21 34.17	−27 6.0	1.521	2.305	19.2	20.0

224153 2005 QS_{63} 8 20.8 305°.49 1°.5/19.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 23.40	−13 40.1	1.387	2.293	14.8	20.2
7 30	22 18.52	−14 11.3	1.310	2.273	10.7	19.9
8 9	22 11.12	−14 51.9	1.255	2.254	5.9	19.6
8 19	22 1.97	−15 36.2	1.223	2.234	1.6	19.3
8 29	21 52.29	−16 16.7	1.217	2.215	5.3	19.5
9 8	21 43.48	−16 46.8	1.235	2.197	10.4	19.7
9 18	21 36.77	−17 2.2	1.274	2.179	15.1	20.0
9 28	21 33.04	−17 1.1	1.333	2.161	19.1	20.2

22049 1999 XW_{257} 8 20.8 240°.44 0°.5/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 13.74	− 8 14.4	4.547	5.411	6.2	19.2
7 30	22 10.11	− 8 33.4	4.468	5.408	4.5	19.1
8 9	22 5.82	− 8 57.0	4.415	5.404	2.6	19.0
8 19	22 1.12	− 9 23.6	4.391	5.401	0.7	18.8
8 29	21 56.34	− 9 51.3	4.396	5.397	1.6	18.9
9 8	21 51.83	−10 18.4	4.431	5.394	3.5	19.0
9 18	21 47.87	−10 43.2	4.495	5.390	5.3	19.2
9 28	21 44.74	−11 4.1	4.584	5.386	6.9	19.3

6347 1995 BM_4 8 20.8 108°.30 0°.7/20.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 26.45	−11 56.1	1.405	2.302	15.2	17.0
7 30	22 20.35	−12 27.0	1.351	2.309	10.9	16.8
8 9	22 11.92	−13 7.6	1.318	2.316	6.0	16.5
8 19	22 2.07	−13 52.0	1.310	2.322	1.0	16.2
8 29	21 52.06	−14 33.3	1.328	2.328	4.6	16.5
9 8	21 43.22	−15 5.5	1.372	2.334	9.5	16.8
9 18	21 36.58	−15 25.0	1.438	2.340	13.8	17.0
9 28	21 32.79	−15 30.2	1.524	2.346	17.4	17.3

394530 2007 TQ_{392} 8 20.8 306°.20 10°.6/10.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 25.33	−36 8.0	1.625	2.522	13.6	20.2
7 30	22 20.08	−37 54.4	1.560	2.494	11.6	20.1
8 9	22 12.08	−39 30.1	1.518	2.467	10.6	19.9
8 19	22 2.13	−40 43.8	1.499	2.439	11.2	19.9
8 29	21 51.60	−41 26.0	1.503	2.412	13.3	20.0
9 8	21 42.05	−41 32.7	1.528	2.385	15.9	20.1
9 18	21 34.81	−41 5.0	1.571	2.359	18.6	20.2
9 28	21 30.80	−40 7.6	1.629	2.333	21.1	20.3

16460 1989 YF_1 8 20.8 212°.18 3°.8/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 24.60	− 1 6.2	1.880	2.731	14.1	18.7
7 30	22 18.69	− 0 54.5	1.803	2.728	10.9	18.4
8 9	22 10.92	− 0 58.0	1.750	2.724	7.3	18.2
8 19	22 1.94	− 1 15.6	1.721	2.720	4.3	18.0
8 29	21 52.67	− 1 44.4	1.720	2.715	4.5	18.0
9 8	21 44.12	− 2 19.8	1.745	2.711	7.6	18.2
9 18	21 37.16	− 2 56.7	1.797	2.706	11.1	18.4
9 28	21 32.43	− 3 30.6	1.870	2.700	14.3	18.6

396965 2005 RV_{31} 8 20.8 8°.36 0°.8/21.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 19.95	− 7 48.1	1.827	2.711	12.9	21.2
7 30	22 15.35	− 8 18.9	1.762	2.712	9.4	21.0
8 9	22 9.03	− 9 1.5	1.720	2.713	5.4	20.8
8 19	22 1.64	− 9 51.9	1.703	2.714	1.3	20.5
8 29	21 54.06	−10 44.6	1.714	2.716	3.4	20.7
9 8	21 47.23	−11 34.1	1.751	2.718	7.5	20.9
9 18	21 41.93	−12 15.7	1.813	2.720	11.2	21.2
9 28	21 38.75	−12 46.3	1.896	2.722	14.3	21.4

490167 2008 UP_{248} 8 20.8 330°.81 0°.2/20.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 19.25	−10 23.0	1.271	2.180	15.7	20.6
7 30	22 15.64	−10 50.2	1.196	2.160	11.4	20.3
8 9	22 9.56	−11 31.5	1.142	2.141	6.4	19.9
8 19	22 1.76	−12 21.9	1.111	2.123	1.0	19.5
8 29	21 53.44	−13 13.7	1.104	2.106	4.7	19.7
9 8	21 46.01	−13 59.0	1.120	2.090	10.2	20.0
9 18	21 40.68	−14 31.9	1.157	2.075	15.1	20.2
9 28	21 38.32	−14 48.3	1.213	2.062	19.4	20.5

307223 2002 GU_{99} 8 20.8 169°.88 4°.3/17.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 27.88	−23 13.5	1.959	2.854	11.7	20.9
7 30	22 20.94	−23 51.1	1.902	2.856	8.5	20.7
8 9	22 12.09	−24 26.2	1.869	2.859	5.5	20.5
8 19	22 2.11	−24 52.8	1.863	2.860	4.3	20.4
8 29	21 52.02	−25 6.2	1.885	2.862	6.3	20.5
9 8	21 42.90	−25 3.8	1.933	2.863	9.5	20.7
9 18	21 35.58	−24 45.4	2.006	2.863	12.5	20.9
9 28	21 30.65	−24 12.6	2.099	2.864	15.2	21.1

178913 2001 PU_{32} 8 20.8 29°.27 10°.9/14.4 17

7 20	22 27.20	−32 58.4	1.099	2.016	16.9	18.3
7 30	22 21.42	−34 17.5	1.075	2.028	13.6	18.2
8 9	22 12.62	−35 19.4	1.070	2.041	11.3	18.1
8 19	22 2.17	−35 52.7	1.086	2.055	11.2	18.1
8 29	21 51.94	−35 50.7	1.123	2.071	13.2	18.3
9 8	21 43.62	−35 13.6	1.181	2.087	16.1	18.5
9 18	21 38.33	−34 7.0	1.257	2.104	19.1	18.8
9 28	21 36.56	−32 38.0	1.348	2.122	21.7	19.0

129658 1998 QV_{44} 8 20.8 357°.64 2°.3/22.4 18

7 20	22 16.92	− 5 11.6	1.194	2.097	17.0	19.0
7 30	22 13.87	− 5 28.0	1.134	2.091	12.7	18.7
8 9	22 8.48	− 6 4.2	1.094	2.087	7.8	18.4
8 19	22 1.59	− 6 56.2	1.076	2.085	3.0	18.2
8 29	21 54.40	− 7 56.8	1.081	2.084	4.4	18.2
9 8	21 48.23	− 8 57.2	1.108	2.085	9.4	18.5
9 18	21 44.16	− 9 49.8	1.158	2.087	14.1	18.8
9 28	21 42.91	−10 28.8	1.226	2.091	18.2	19.1

297175 2010 VF_{169} 8 20.8 225°.86 2°.0/18.7 18

7 20	22 20.71	−16 43.2	2.381	3.273	10.0	20.7
7 30	22 15.62	−17 26.0	2.313	3.271	7.1	20.5
8 9	22 9.08	−18 12.0	2.272	3.268	4.0	20.3
8 19	22 1.66	−18 56.9	2.257	3.265	2.0	20.2
8 29	21 54.08	−19 36.1	2.271	3.262	4.1	20.3
9 8	21 47.10	−20 5.9	2.313	3.259	7.3	20.5
9 18	21 41.37	−20 24.4	2.380	3.256	10.2	20.7
9 28	21 37.42	−20 30.4	2.470	3.252	12.7	20.9

312700 2010 OY_{75} 8 20.8 248°.28 2°.9/26.1 16

7 20	22 14.18	+ 5 4.7	4.771	5.566	7.0	20.9
7 30	22 10.43	+ 5 7.8	4.677	5.557	5.7	20.8
8 9	22 6.01	+ 5 2.5	4.607	5.547	4.3	20.7
8 19	22 1.19	+ 4 49.3	4.565	5.538	3.2	20.6
8 29	21 56.27	+ 4 29.3	4.552	5.528	2.9	20.6
9 8	21 51.57	+ 4 4.0	4.567	5.519	3.8	20.7
9 18	21 47.39	+ 3 35.4	4.611	5.509	5.1	20.8
9 28	21 44.01	+ 3 5.5	4.680	5.499	6.5	20.8

244902 2003 WQ_{87} 8 20.8 284°.26 1°.8/22.5 18

7 20	22 20.17	− 3 27.6	1.886	2.754	13.3	20.5
7 30	22 15.72	− 4 17.9	1.790	2.729	10.0	20.2
8 9	22 9.40	− 5 26.7	1.717	2.703	6.2	19.9
8 19	22 1.75	− 6 50.5	1.669	2.677	2.4	19.6
8 29	21 53.61	− 8 23.2	1.649	2.651	3.5	19.6
9 8	21 45.96	− 9 56.9	1.657	2.625	7.7	19.8
9 18	21 39.72	−11 24.4	1.690	2.598	11.8	20.0
9 28	21 35.64	−12 39.5	1.746	2.571	15.4	20.2

376150 2011 BP_{34} 8 20.8 288°.92 1°.3/21.7 18

7 20	22 23.45	− 7 13.0	1.475	2.363	15.2	20.8
7 30	22 18.32	− 7 30.7	1.403	2.354	11.2	20.5
8 9	22 10.91	− 8 3.2	1.352	2.345	6.6	20.2
8 19	22 1.98	− 8 46.6	1.326	2.336	1.9	19.9
8 29	21 52.66	− 9 34.8	1.325	2.327	4.0	20.0
9 8	21 44.23	−10 21.2	1.349	2.319	8.9	20.3
9 18	21 37.74	−11 0.1	1.397	2.310	13.4	20.5
9 28	21 33.97	−11 27.3	1.465	2.301	17.3	20.8

105906 2000 SA_{200} 8 20.8 286°.76 3°.4/24.2 18

7 20	22 19.02	+ 0 32.8	2.093	2.941	13.0	20.0
7 30	22 14.61	+ 0 11.9	2.010	2.932	10.1	19.8
8 9	22 8.62	− 0 26.0	1.950	2.922	6.9	19.6
8 19	22 1.62	− 1 18.9	1.915	2.913	4.0	19.4
8 29	21 54.33	− 2 22.9	1.907	2.904	3.9	19.4
9 8	21 47.61	− 3 32.3	1.926	2.894	6.8	19.5
9 18	21 42.17	− 4 41.3	1.972	2.885	10.1	19.7
9 28	21 38.61	− 5 44.6	2.041	2.876	13.1	19.9

281846 2010 CR_{41} 8 20.8 136°.49 1°.9/18.9 18

7 20	22 21.16	−12 48.7	1.760	2.657	12.7	20.3
7 30	22 16.34	−14 13.3	1.700	2.659	8.9	20.1
8 9	22 9.64	−15 47.6	1.663	2.661	4.9	19.8
8 19	22 1.77	−17 24.1	1.654	2.664	1.9	19.7
8 29	21 53.67	−18 54.4	1.672	2.666	4.9	19.9
9 8	21 46.36	−20 11.2	1.717	2.668	8.9	20.1
9 18	21 40.70	−21 10.3	1.786	2.670	12.6	20.3
9 28	21 37.32	−21 49.5	1.877	2.672	15.7	20.6

137120 1999 BJ_{8} 8 20.8 60°.55 2°.2/19.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 58.37	−14 29.2	0.837	1.724	23.8	20.0
7 30	22 41.85	−15 10.0	0.844	1.797	16.3	19.9
8 9	22 22.79	−15 52.5	0.872	1.868	8.6	19.8
8 19	22 3.57	−16 26.2	0.926	1.937	2.3	19.6
8 29	21 46.58	−16 44.7	1.006	2.003	6.5	20.1
9 8	21 33.43	−16 46.7	1.110	2.066	12.1	20.6
9 18	21 24.69	−16 34.4	1.237	2.127	16.5	21.1
9 28	21 20.26	−16 10.5	1.381	2.186	19.8	21.5

400742 2009 UX_{90} 8 20.8 2°.29 5°.4/25.6 18

7 20	22 19.48	+ 3 55.3	1.972	2.807	14.2	20.0
7 30	22 14.95	+ 4 12.2	1.900	2.806	11.4	19.8
8 9	22 8.81	+ 4 11.0	1.849	2.806	8.4	19.7
8 19	22 1.64	+ 3 51.8	1.822	2.807	6.0	19.5
8 29	21 54.26	+ 3 17.2	1.821	2.807	5.5	19.5
9 8	21 47.52	+ 2 31.8	1.847	2.809	7.5	19.6
9 18	21 42.18	+ 1 40.9	1.897	2.810	10.4	19.8
9 28	21 38.81	+ 0 50.4	1.970	2.813	13.2	20.0

246215 2007 RC_{169} 8 20.8 279°.23 1°.1/19.8 18

7 20	22 21.92	−12 39.5	1.806	2.700	12.6	21.0
7 30	22 16.90	−13 23.3	1.734	2.692	9.0	20.7
8 9	22 9.99	−14 15.6	1.686	2.683	4.9	20.5
8 19	22 1.84	−15 11.3	1.664	2.675	1.2	20.2
8 29	21 53.41	−16 4.0	1.669	2.666	4.2	20.4
9 8	21 45.72	−16 48.2	1.700	2.658	8.4	20.7
9 18	21 39.64	−17 20.0	1.756	2.650	12.2	20.9
9 28	21 35.84	−17 37.3	1.833	2.641	15.5	21.1

75862 2000 CJ_{17} 8 20.8 270°.82 6°.4/14.6 18

7 20	22 23.52	−27 8.1	1.877	2.780	11.7	19.0
7 30	22 18.14	−28 31.3	1.817	2.771	8.9	18.8
8 9	22 10.71	−29 50.8	1.782	2.761	6.8	18.7
8 19	22 1.96	−30 58.5	1.772	2.752	6.6	18.6
8 29	21 52.92	−31 47.1	1.789	2.742	8.6	18.7
9 8	21 44.71	−32 12.8	1.830	2.733	11.5	18.9
9 18	21 38.29	−32 14.8	1.893	2.723	14.3	19.1
9 28	21 34.32	−31 55.0	1.975	2.713	16.8	19.2

141997 2002 PK_{156} 8 20.8 287°.09 0°.1/20.8 18

7 20	22 24.62	−10 32.3	1.454	2.349	14.9	20.3
7 30	22 19.34	−10 53.5	1.373	2.330	10.9	20.0
8 9	22 11.59	−11 26.7	1.314	2.311	6.2	19.7
8 19	22 2.12	−12 7.1	1.280	2.291	0.9	19.3
8 29	21 52.10	−12 48.5	1.271	2.272	4.4	19.5
9 8	21 42.90	−13 24.3	1.287	2.253	9.7	19.7
9 18	21 35.70	−13 49.5	1.326	2.233	14.4	20.0
9 28	21 31.39	−14 1.1	1.384	2.214	18.5	20.2

429441 2010 VW_{71} 8 20.8 269°.56 2°.8/22.5 18

7 20	22 26.06	− 4 46.2	1.555	2.429	15.4	21.1
7 30	22 20.26	− 4 39.6	1.469	2.410	11.6	20.9
8 9	22 12.08	− 4 48.0	1.405	2.391	7.4	20.6
8 19	22 2.20	− 5 9.6	1.364	2.371	3.4	20.3
8 29	21 51.76	− 5 40.5	1.350	2.351	4.4	20.3
9 8	21 42.04	− 6 15.1	1.362	2.331	8.9	20.5
9 18	21 34.20	− 6 48.0	1.398	2.310	13.5	20.7
9 28	21 29.12	− 7 14.1	1.455	2.290	17.5	20.9

84702 2002 VQ_{113} 8 20.8 317°.82 2°.2/22.6 18

7 20	22 20.83	− 4 36.8	1.780	2.655	13.7	19.5
7 30	22 16.11	− 4 50.1	1.706	2.647	10.3	19.2
8 9	22 9.55	− 5 17.9	1.653	2.640	6.4	19.0
8 19	22 1.79	− 5 57.4	1.626	2.633	2.7	18.7
8 29	21 53.75	− 6 44.0	1.625	2.627	3.6	18.8
9 8	21 46.41	− 7 32.1	1.651	2.620	7.6	19.0
9 18	21 40.64	− 8 16.4	1.701	2.614	11.4	19.2
9 28	21 37.09	− 8 52.5	1.774	2.609	14.8	19.5

106782 2000 XB_{21} 8 20.8 220°.84 3°.9/18.3 17

7 20	22 28.17	−19 43.6	1.461	2.366	14.3	19.6
7 30	22 21.71	−20 25.5	1.402	2.363	10.3	19.4
8 9	22 12.78	−21 8.9	1.365	2.361	6.1	19.1
8 19	22 2.29	−21 46.4	1.353	2.358	3.9	19.0
8 29	21 51.57	−22 10.8	1.367	2.355	6.7	19.1
9 8	21 42.01	−22 17.9	1.406	2.352	11.0	19.4
9 18	21 34.72	−22 6.6	1.467	2.348	14.9	19.6
9 28	21 30.40	−21 38.3	1.548	2.345	18.3	19.8

489675 2007 VH_{34} 8 20.8 179°.88 4°.6/16.2 18

7 20	22 24.55	−24 56.8	2.271	3.166	10.3	22.1
7 30	22 18.46	−25 53.9	2.215	3.167	7.6	22.0
8 9	22 10.71	−26 48.1	2.183	3.167	5.3	21.8
8 19	22 1.96	−27 33.6	2.179	3.168	4.7	21.8
8 29	21 53.08	−28 5.6	2.203	3.168	6.5	21.9
9 8	21 44.95	−28 21.1	2.253	3.167	9.1	22.1
9 18	21 38.32	−28 19.6	2.327	3.166	11.7	22.3
9 28	21 33.75	−28 2.1	2.423	3.165	14.0	22.4

355645 2008 EO_{49} 8 20.8 165°.68 0°.6/20.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 22.14	−12 40.9	2.592	3.471	9.7	22.0
7 30	22 16.49	−13 9.0	2.525	3.476	6.9	21.8
8 9	22 9.53	−13 42.0	2.484	3.479	3.8	21.6
8 19	22 1.79	−14 16.7	2.471	3.483	0.7	21.4
8 29	21 53.92	−14 49.4	2.488	3.486	3.0	21.6
9 8	21 46.63	−15 16.9	2.533	3.488	6.2	21.8
9 18	21 40.52	−15 36.7	2.605	3.490	9.0	22.0
9 28	21 36.05	−15 47.6	2.700	3.492	11.5	22.2

21108 1992 QT 8 20.8 28°.40 6°.8/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 51.60	−30 37.2	1.029	1.921	19.9	16.7
7 30	22 38.65	−29 26.5	0.983	1.932	15.0	16.4
8 9	22 21.98	−27 52.9	0.959	1.944	10.0	16.2
8 19	22 3.63	−25 51.9	0.959	1.958	6.8	16.1
8 29	21 46.18	−23 26.5	0.986	1.972	8.9	16.2
9 8	21 31.82	−20 46.9	1.039	1.988	13.5	16.6
9 18	21 21.75	−18 4.9	1.116	2.004	18.0	16.9
9 28	21 16.27	−15 28.7	1.212	2.022	21.7	17.2

512481 2016 QM_{76} 8 20.8 290°.16 8°.5/27.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 21.03	+10 26.3	1.724	2.529	17.1	20.7
7 30	22 16.57	+10 49.6	1.626	2.504	14.5	20.5
8 9	22 10.01	+10 47.1	1.547	2.479	11.7	20.2
8 19	22 1.91	+10 16.4	1.490	2.453	9.3	20.0
8 29	21 53.20	+ 9 18.0	1.457	2.427	8.5	19.9
9 8	21 44.99	+ 7 57.0	1.448	2.401	10.0	20.0
9 18	21 38.34	+ 6 21.4	1.463	2.375	13.0	20.1
9 28	21 34.11	+ 4 41.0	1.500	2.349	16.3	20.2

153606 2001 SW_{312} 8 20.8 229°.59 4°.5/17.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 25.82	−21 40.3	1.720	2.622	12.6	20.1
7 30	22 19.82	−22 40.2	1.657	2.617	9.2	19.9
8 9	22 11.66	−23 40.5	1.619	2.611	5.8	19.7
8 19	22 2.13	−24 33.7	1.606	2.605	4.6	19.6
8 29	21 52.35	−25 12.7	1.620	2.599	7.0	19.7
9 8	21 43.49	−25 33.2	1.660	2.592	10.5	19.9
9 18	21 36.54	−25 34.0	1.722	2.585	14.0	20.1
9 28	21 32.20	−25 16.1	1.804	2.578	17.0	20.3

143152 2002 XE_{48} 8 20.8 302°.66 1°.8/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 22.72	− 6 40.3	1.393	2.283	15.8	20.2
7 30	22 18.06	− 6 50.6	1.310	2.262	11.8	19.9
8 9	22 10.94	− 7 16.9	1.249	2.241	7.1	19.6
8 19	22 2.06	− 7 56.2	1.211	2.221	2.4	19.2
8 29	21 52.58	− 8 42.7	1.198	2.200	4.3	19.3
9 8	21 43.89	− 9 29.4	1.209	2.180	9.5	19.5
9 18	21 37.19	−10 9.9	1.243	2.160	14.4	19.8
9 28	21 33.38	−10 39.1	1.296	2.141	18.6	20.0

356586 2011 SS_{258} 8 20.8 207°.59 1°.2/19.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 21.53	−13 23.6	2.014	2.906	11.6	21.2
7 30	22 16.41	−14 7.2	1.948	2.905	8.2	21.0
8 9	22 9.63	−14 57.4	1.907	2.904	4.5	20.8
8 19	22 1.81	−15 49.4	1.893	2.904	1.3	20.6
8 29	21 53.82	−16 37.6	1.906	2.903	4.0	20.8
9 8	21 46.53	−17 17.5	1.947	2.902	7.7	21.0
9 18	21 40.70	−17 45.8	2.013	2.902	11.1	21.2
9 28	21 36.92	−18 0.9	2.100	2.901	14.0	21.4

294305 2007 VU_{19} 8 20.8 240°.84 2°.6/22.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 23.38	− 2 52.9	1.551	2.422	15.5	21.5
7 30	22 18.23	− 3 23.2	1.474	2.413	11.7	21.3
8 9	22 10.87	− 4 13.1	1.419	2.404	7.4	21.0
8 19	22 2.03	− 5 19.3	1.388	2.395	3.3	20.7
8 29	21 52.77	− 6 35.3	1.384	2.385	4.1	20.8
9 8	21 44.30	− 7 52.9	1.405	2.375	8.6	21.0
9 18	21 37.67	− 9 4.7	1.451	2.365	13.0	21.2
9 28	21 33.64	−10 4.6	1.518	2.354	16.8	21.5

507748 2013 YB_{15} 8 20.8 145°.85 5°.4/25.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 23.95	+ 5 54.0	2.199	3.009	13.7	22.0
7 30	22 17.96	+ 6 3.5	2.130	3.019	11.1	21.8
8 9	22 10.42	+ 5 54.8	2.083	3.029	8.3	21.7
8 19	22 1.94	+ 5 28.4	2.061	3.038	6.0	21.6
8 29	21 53.29	+ 4 46.7	2.066	3.047	5.5	21.5
9 8	21 45.32	+ 3 54.5	2.099	3.055	7.2	21.7
9 18	21 38.73	+ 2 56.9	2.159	3.062	9.8	21.8
9 28	21 34.05	+ 1 59.6	2.242	3.069	12.4	22.0

337333 2001 EL_{4} 8 20.8 248°.57 2°.4/18.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 25.38	−17 25.1	1.993	2.886	11.6	20.8
7 30	22 19.29	−17 57.7	1.916	2.873	8.3	20.6
8 9	22 11.31	−18 33.5	1.864	2.860	4.7	20.3
8 19	22 2.09	−19 7.4	1.839	2.846	2.4	20.2
8 29	21 52.58	−19 34.2	1.841	2.833	4.8	20.3
9 8	21 43.78	−19 50.0	1.871	2.818	8.6	20.5
9 18	21 36.58	−19 52.9	1.926	2.804	12.1	20.7
9 28	21 31.63	−19 42.4	2.002	2.789	15.1	20.9

389790 2011 UY_{75} 8 20.8 38°.72 4°.1/17.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 25.42	−22 9.3	1.744	2.647	12.5	20.6
7 30	22 19.31	−22 41.3	1.695	2.654	9.0	20.4
8 9	22 11.25	−23 11.4	1.669	2.661	5.6	20.2
8 19	22 2.06	−23 33.7	1.668	2.669	4.1	20.1
8 29	21 52.84	−23 43.3	1.694	2.677	6.3	20.3
9 8	21 44.66	−23 37.6	1.746	2.685	9.7	20.5
9 18	21 38.39	−23 16.5	1.821	2.693	12.9	20.7
9 28	21 34.58	−22 41.2	1.917	2.702	15.7	20.9

445465 2010 VW_{69} 8 20.8 320°.44 1°.5/22.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 19.98	− 6 41.9	1.833	2.714	13.0	21.4
7 30	22 15.53	− 6 54.2	1.752	2.698	9.7	21.2
8 9	22 9.27	− 7 18.9	1.692	2.683	5.8	20.9
8 19	22 1.78	− 7 53.1	1.658	2.667	2.0	20.7
8 29	21 53.96	− 8 32.6	1.650	2.653	3.4	20.7
9 8	21 46.76	− 9 12.1	1.669	2.638	7.5	21.0
9 18	21 41.06	− 9 46.9	1.713	2.624	11.4	21.2
9 28	21 37.53	−10 13.3	1.778	2.611	14.8	21.4

439229 2012 TD_{97} 8 20.8 221°.22 6°.9/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 20.76	+10 6.4	2.003	2.800	15.3	21.7
7 30	22 15.95	+10 8.2	1.922	2.796	12.8	21.5
8 9	22 9.43	+ 9 46.3	1.860	2.792	10.1	21.3
8 19	22 1.81	+ 9 0.6	1.822	2.787	7.8	21.2
8 29	21 53.89	+ 7 53.6	1.810	2.782	7.0	21.1
9 8	21 46.58	+ 6 30.9	1.824	2.777	8.3	21.2
9 18	21 40.68	+ 4 59.7	1.863	2.772	10.8	21.3
9 28	21 36.80	+ 3 27.8	1.926	2.766	13.6	21.5

460027 2014 OA_{165} 8 20.8 293°.84 3°.1/17.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 20.95	−19 55.4	2.238	3.136	10.3	21.7
7 30	22 15.96	−20 43.1	2.168	3.126	7.4	21.5
8 9	22 9.38	−21 32.2	2.123	3.117	4.5	21.3
8 19	22 1.80	−22 17.6	2.104	3.107	3.1	21.2
8 29	21 54.00	−22 54.4	2.114	3.097	5.2	21.3
9 8	21 46.82	−23 18.8	2.150	3.087	8.2	21.5
9 18	21 41.00	−23 29.0	2.211	3.077	11.2	21.7
9 28	21 37.10	−23 24.7	2.293	3.068	13.8	21.8

112145 2002 JL_{64} 8 20.8 41°.79 6°.3/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 22.32	+ 3 6.8	1.198	2.064	19.5	19.5
7 30	22 17.64	+ 3 15.7	1.148	2.075	15.4	19.3
8 9	22 10.55	+ 2 56.7	1.116	2.087	11.0	19.1
8 19	22 1.98	+ 2 11.5	1.105	2.099	7.2	19.0
8 29	21 53.26	+ 1 5.7	1.118	2.112	6.6	19.0
9 8	21 45.75	− 0 11.2	1.154	2.126	9.8	19.2
9 18	21 40.49	− 1 29.3	1.212	2.139	13.8	19.5
9 28	21 38.16	− 2 39.9	1.290	2.154	17.5	19.7

201261 2002 RA_{151} 8 20.8 299°.47 2°.8/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 24.60	− 4 45.4	1.818	2.685	13.8	19.9
7 30	22 18.78	− 4 27.1	1.743	2.680	10.4	19.7
8 9	22 11.04	− 4 20.9	1.691	2.674	6.6	19.5
8 19	22 2.07	− 4 25.3	1.664	2.669	3.3	19.3
8 29	21 52.83	− 4 37.6	1.664	2.664	4.0	19.3
9 8	21 44.34	− 4 53.9	1.691	2.659	7.6	19.5
9 18	21 37.48	− 5 10.2	1.744	2.653	11.4	19.7
9 28	21 32.93	− 5 22.9	1.818	2.649	14.7	19.9

486055 2012 TT_{197} 8 20.8 319°.10 6°.9/17.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 32.11	−28 12.9	1.401	2.304	14.9	19.8
7 30	22 24.96	−28 26.0	1.327	2.282	11.4	19.5
8 9	22 14.81	−28 29.4	1.275	2.259	8.2	19.3
8 19	22 2.67	−28 14.9	1.246	2.238	7.0	19.1
8 29	21 50.12	−27 36.5	1.243	2.217	9.2	19.2
9 8	21 38.85	−26 33.0	1.263	2.196	13.1	19.4
9 18	21 30.23	−25 7.6	1.305	2.177	17.1	19.6
9 28	21 25.11	−23 25.8	1.366	2.158	20.6	19.8

444128 2004 TY_{269} 8 20.8 268°.82 0°.2/20.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 20.06	−10 33.2	2.394	3.274	10.4	22.2
7 30	22 15.24	−11 7.0	2.310	3.260	7.5	22.0
8 9	22 8.97	−11 48.7	2.251	3.246	4.2	21.8
8 19	22 1.76	−12 34.7	2.219	3.231	0.6	21.5
8 29	21 54.29	−13 20.9	2.216	3.216	3.0	21.7
9 8	21 47.31	−14 3.0	2.241	3.201	6.5	21.9
9 18	21 41.50	−14 37.5	2.293	3.186	9.8	22.1
9 28	21 37.41	−15 2.2	2.367	3.171	12.5	22.2

108661 2001 NP_{20} 8 20.8 87°.75 8°.5/31.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 19.67	+19 23.5	2.678	3.388	13.9	19.6
7 30	22 14.81	+19 58.4	2.605	3.397	12.3	19.5
8 9	22 8.66	+20 12.1	2.552	3.406	10.6	19.4
8 19	22 1.70	+20 3.2	2.521	3.415	9.3	19.3
8 29	21 54.58	+19 32.2	2.514	3.424	8.5	19.3
9 8	21 47.96	+18 42.1	2.531	3.433	8.7	19.3
9 18	21 42.45	+17 37.5	2.574	3.442	9.7	19.4
9 28	21 38.53	+16 24.2	2.639	3.451	11.2	19.5

438499 2007 PO_{45} 8 20.8 341.°85 11.°8/10.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 16.82	−32 19.8	1.104	2.033	15.8	19.3
7 30	22 14.52	−34 29.6	1.052	2.011	13.2	19.1
8 9	22 9.23	−36 30.2	1.021	1.991	11.8	19.0
8 19	22 1.85	−38 6.0	1.010	1.973	12.7	18.9
8 29	21 53.94	−39 4.0	1.019	1.956	15.3	19.0
9 8	21 47.31	−39 18.4	1.047	1.942	18.7	19.2
9 18	21 43.39	−38 50.3	1.090	1.929	22.0	19.4
9 28	21 43.05	−37 45.3	1.146	1.919	24.8	19.6

48950 1998 QW_{17} 8 20.8 8.°06 2.°3/22.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 21.44	− 7 24.8	1.015	1.925	18.6	18.3
7 30	22 17.37	− 7 10.3	0.965	1.926	13.7	18.0
8 9	22 10.56	− 7 12.9	0.933	1.928	8.3	17.8
8 19	22 2.03	− 7 29.2	0.923	1.932	3.0	17.5
8 29	21 53.27	− 7 53.4	0.934	1.937	4.8	17.6
9 8	21 45.87	− 8 18.1	0.967	1.944	10.3	17.9
9 18	21 41.02	− 8 37.5	1.021	1.952	15.4	18.2
9 28	21 39.45	− 8 46.7	1.093	1.962	19.6	18.5

184699 2005 SK_{115} 8 20.8 104.°71 3.°3/17.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 24.21	−21 5.6	2.164	3.059	10.7	20.6
7 30	22 18.19	−21 40.6	2.109	3.066	7.7	20.4
8 9	22 10.57	−22 14.9	2.080	3.072	4.7	20.2
8 19	22 2.00	−22 43.6	2.077	3.079	3.3	20.2
8 29	21 53.37	−23 2.4	2.103	3.085	5.3	20.3
9 8	21 45.55	−23 8.6	2.155	3.091	8.3	20.5
9 18	21 39.25	−23 1.4	2.232	3.098	11.2	20.7
9 28	21 35.00	−22 41.4	2.331	3.104	13.6	20.9

434675 2006 AP_{75} 8 20.8 159.°90 0.°9/21.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 24.29	− 7 33.3	2.118	2.987	12.0	22.6
7 30	22 18.27	− 7 56.2	2.051	2.993	8.7	22.4
8 9	22 10.64	− 8 29.1	2.009	2.999	5.1	22.2
8 19	22 2.03	− 9 8.7	1.994	3.004	1.4	22.0
8 29	21 53.26	− 9 50.5	2.007	3.008	3.1	22.1
9 8	21 45.21	−10 30.1	2.049	3.012	6.8	22.4
9 18	21 38.61	−11 3.8	2.117	3.016	10.2	22.6
9 28	21 34.01	−11 28.9	2.208	3.018	13.1	22.8

255206 2005 UD_{338} 8 20.8 48.°80 4.°7/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 19.46	+ 3 42.6	2.052	2.885	13.7	21.0
7 30	22 14.89	+ 3 35.5	1.983	2.890	10.9	20.8
8 9	22 8.79	+ 3 9.8	1.936	2.896	7.9	20.6
8 19	22 1.74	+ 2 26.9	1.913	2.901	5.3	20.5
8 29	21 54.53	+ 1 30.5	1.917	2.907	4.9	20.4
9 8	21 47.96	+ 0 25.8	1.948	2.913	7.0	20.6
9 18	21 42.74	− 0 41.2	2.004	2.918	9.9	20.8
9 28	21 39.40	− 1 44.8	2.085	2.924	12.7	21.0

38140 1999 JX_{58} 8 20.8 1.°07 7.°3/15.9 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 21.64	−23 2.5	1.018	1.949	16.6	17.5
7 30	22 17.74	−24 30.8	0.975	1.947	12.2	17.2
8 9	22 10.86	−25 58.4	0.951	1.945	8.4	17.0
8 19	22 2.08	−27 12.3	0.949	1.945	7.5	17.0
8 29	21 53.07	−28 0.9	0.968	1.946	10.5	17.1
9 8	21 45.55	−28 18.1	1.008	1.948	14.8	17.4
9 18	21 40.80	−28 4.2	1.066	1.952	19.0	17.7
9 28	21 39.55	−27 22.8	1.140	1.956	22.5	17.9

19234 Victoriahibbs 8 20.8 335.°22 23.°7/13.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 16.56	+33 39.5	1.223	1.907	28.5	17.7
7 30	22 14.32	+36 8.6	1.156	1.889	27.5	17.5
8 9	22 9.23	+37 56.2	1.098	1.872	26.4	17.4
8 19	22 1.90	+38 50.9	1.050	1.856	25.3	17.2
8 29	21 53.62	+38 43.7	1.013	1.842	24.4	17.1
9 8	21 46.12	+37 32.3	0.988	1.829	23.8	17.0
9 18	21 41.04	+35 21.6	0.976	1.818	23.8	17.0
9 28	21 39.65	+32 24.0	0.978	1.808	24.4	17.0

13437 Wellton–Persson 8 20.8 354.°66 0.°5/21.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 22.15	− 8 40.4	1.244	2.146	16.4	18.1
7 30	22 17.64	− 9 10.0	1.185	2.144	12.0	17.8
8 9	22 10.65	− 9 55.2	1.145	2.142	6.8	17.6
8 19	22 2.07	−10 50.5	1.129	2.141	1.3	17.2
8 29	21 53.18	−11 47.9	1.137	2.140	4.5	17.4
9 8	21 45.39	−12 39.3	1.169	2.139	9.8	17.7
9 18	21 39.81	−13 18.8	1.223	2.140	14.6	18.0
9 28	21 37.21	−13 42.5	1.296	2.141	18.6	18.3

95685 2002 JW_{20} 8 20.8 41.°59 6.°8/15.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 26.88	−32 8.9	2.094	2.983	11.3	19.3
7 30	22 20.23	−32 52.2	2.048	2.988	8.9	19.1
8 9	22 11.73	−33 25.9	2.026	2.992	7.2	19.0
8 19	22 2.20	−33 44.1	2.030	2.997	7.0	19.0
8 29	21 52.67	−33 42.7	2.060	3.001	8.4	19.1
9 8	21 44.16	−33 20.6	2.115	3.006	10.7	19.3
9 18	21 37.47	−32 39.4	2.193	3.011	13.0	19.5
9 28	21 33.12	−31 42.2	2.291	3.016	15.1	19.6

374853 2006 VJ_{4} 8 20.8 266.°96 2.°3/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 24.24	− 4 53.3	1.615	2.489	14.8	21.2
7 30	22 18.88	− 5 5.4	1.531	2.473	11.2	21.0
8 9	22 11.30	− 5 33.4	1.469	2.456	6.9	20.7
8 19	22 2.19	− 6 14.5	1.431	2.439	2.8	20.4
8 29	21 52.57	− 7 3.9	1.420	2.422	4.0	20.4
9 8	21 43.67	− 7 55.0	1.435	2.404	8.5	20.7
9 18	21 36.54	− 8 41.9	1.475	2.386	12.9	20.9
9 28	21 32.00	− 9 19.5	1.535	2.368	16.8	21.1

457860 2009 SO_{192} 8 20.8 336.°42 2.°9/23.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 18.65	− 2 24.5	1.919	2.785	13.2	21.4
7 30	22 14.48	− 2 34.5	1.842	2.776	10.1	21.2
8 9	22 8.66	− 2 59.7	1.786	2.767	6.6	21.0
8 19	22 1.75	− 3 38.0	1.756	2.759	3.4	20.8
8 29	21 54.58	− 4 25.5	1.752	2.751	3.7	20.8
9 8	21 48.02	− 5 16.7	1.774	2.744	7.1	21.0
9 18	21 42.86	− 6 6.5	1.822	2.738	10.6	21.2
9 28	21 39.71	− 6 50.1	1.892	2.731	13.8	21.4

44960 1999 VJ_{86} 8 20.8 108.°64 5.°0/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 26.01	−21 12.9	1.481	2.389	13.9	18.3
7 30	22 20.10	−22 29.9	1.434	2.396	10.0	18.1
8 9	22 11.88	−23 47.3	1.411	2.404	6.4	17.9
8 19	22 2.25	−24 55.8	1.412	2.411	5.1	17.9
8 29	21 52.49	−25 47.2	1.439	2.417	7.7	18.1
9 8	21 43.90	−26 16.7	1.491	2.424	11.4	18.3
9 18	21 37.50	−26 23.3	1.564	2.431	15.0	18.5
9 28	21 33.93	−26 8.7	1.657	2.437	18.0	18.8

430883 2005 QO_{114} 8 20.8 335.°97 0.°6/21.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 19.49	− 9 9.4	1.143	2.054	16.9	20.2
7 30	22 16.02	− 9 28.7	1.074	2.038	12.4	19.8
8 9	22 9.92	−10 4.3	1.025	2.023	7.1	19.5
8 19	22 1.99	−10 51.2	0.998	2.009	1.4	19.1
8 29	21 53.55	−11 41.7	0.994	1.997	4.7	19.3
9 8	21 46.13	−12 27.4	1.012	1.986	10.5	19.6
9 18	21 40.99	−13 1.5	1.051	1.976	15.7	19.8
9 28	21 39.03	−13 19.6	1.107	1.967	20.1	20.1

97820 2000 OZ_{49} 8 20.8 328.°24 1.°3/21.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 18.71	− 6 23.4	1.071	1.980	18.0	18.7
7 30	22 15.60	− 6 58.8	1.002	1.963	13.3	18.3
8 9	22 9.76	− 7 57.2	0.951	1.948	7.9	18.0
8 19	22 1.97	− 9 13.1	0.922	1.933	2.1	17.6
8 29	21 53.60	−10 37.2	0.916	1.919	4.8	17.7
9 8	21 46.24	−11 57.8	0.931	1.907	10.8	18.0
9 18	21 41.24	−13 5.3	0.967	1.895	16.3	18.3
9 28	21 39.57	−13 52.9	1.020	1.885	21.0	18.6

152259 2005 ST_{134} 8 20.8 295.°88 5.°6/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 18.94	+ 6 28.2	2.078	2.897	14.1	20.1
7 30	22 14.65	+ 6 25.7	1.991	2.885	11.5	19.9
8 9	22 8.75	+ 6 2.7	1.925	2.873	8.7	19.7
8 19	22 1.79	+ 5 19.6	1.883	2.862	6.3	19.5
8 29	21 54.51	+ 4 19.0	1.867	2.850	5.7	19.5
9 8	21 47.76	+ 3 6.1	1.878	2.839	7.5	19.6
9 18	21 42.30	+ 1 47.4	1.914	2.828	10.3	19.7
9 28	21 38.75	+ 0 29.5	1.974	2.816	13.2	19.9

339296 2004 XB_{59} 8 20.8 257.°56 1.°8/19.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 24.57	−15 26.4	1.990	2.881	11.7	21.7
7 30	22 18.79	−16 4.0	1.907	2.863	8.4	21.5
8 9	22 11.12	−16 46.9	1.849	2.846	4.7	21.2
8 19	22 2.16	−17 30.3	1.818	2.827	1.8	21.0
8 29	21 52.84	−18 8.6	1.815	2.809	4.5	21.1
9 8	21 44.16	−18 37.3	1.839	2.790	8.4	21.3
9 18	21 37.02	−18 53.4	1.888	2.770	12.0	21.5
9 28	21 32.10	−18 55.8	1.958	2.751	15.2	21.7

14700 Johnreid 8 20.8 237.°15 1.°3/22.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 20.65	− 5 6.0	2.108	2.976	12.1	17.9
7 30	22 15.82	− 5 50.9	2.027	2.967	9.0	17.7
8 9	22 9.38	− 6 49.5	1.970	2.958	5.4	17.5
8 19	22 1.89	− 7 58.3	1.940	2.949	1.8	17.2
8 29	21 54.11	− 9 11.8	1.938	2.939	3.1	17.3
9 8	21 46.89	−10 24.1	1.964	2.930	6.9	17.5
9 18	21 40.99	−11 29.7	2.016	2.919	10.4	17.7
9 28	21 37.02	−12 24.5	2.091	2.909	13.5	17.9

389068 2008 WE_{60} 8 20.8 332.°78 4.°6/17.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 18.52	−18 20.6	1.192	2.117	15.2	19.4
7 30	22 15.39	−19 29.3	1.122	2.094	11.0	19.1
8 9	22 9.61	−20 45.9	1.073	2.072	6.6	18.8
8 19	22 1.96	−22 0.8	1.046	2.052	4.6	18.7
8 29	21 53.75	−23 3.0	1.043	2.032	8.0	18.8
9 8	21 46.51	−23 43.8	1.061	2.014	12.8	19.0
9 18	21 41.55	−23 59.0	1.099	1.998	17.5	19.2
9 28	21 39.79	−23 48.3	1.154	1.983	21.5	19.4

344132 1999 YP_{13} 8 20.8 318.°77 9.°1/10.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 19.44	−23 39.3	1.334	2.256	14.1	18.6
7 30	22 16.44	−27 17.5	1.247	2.212	10.9	18.3
8 9	22 10.54	−31 13.6	1.187	2.169	9.1	18.1
8 19	22 2.17	−35 8.1	1.154	2.125	10.5	18.0
8 29	21 52.45	−38 38.7	1.147	2.081	14.3	18.1
9 8	21 43.05	−41 28.3	1.164	2.039	18.7	18.2
9 18	21 35.73	−43 28.7	1.198	1.997	22.8	18.4
9 28	21 32.01	−44 40.3	1.246	1.955	26.2	18.5

93313 2000 SY_{216} 8 20.8 314.°65 2.°7/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 18.11	− 1 8.2	1.466	2.342	16.0	19.9
7 30	22 14.61	− 2 2.1	1.384	2.326	12.2	19.7
8 9	22 8.98	− 3 21.3	1.324	2.309	7.8	19.4
8 19	22 1.85	− 5 1.7	1.286	2.293	3.5	19.1
8 29	21 54.24	− 6 55.2	1.275	2.277	4.1	19.1
9 8	21 47.34	− 8 51.2	1.289	2.262	8.7	19.3
9 18	21 42.20	−10 39.1	1.327	2.248	13.4	19.5
9 28	21 39.63	−12 10.9	1.386	2.234	17.4	19.8

451565 2011 YD_{53} 8 20.8 185.°25 2.°8/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 21.63	− 2 23.0	2.310	3.161	11.8	21.0
7 30	22 16.32	− 2 20.0	2.235	3.161	9.0	20.9
8 9	22 9.57	− 2 28.9	2.184	3.161	5.9	20.7
8 19	22 1.91	− 2 48.3	2.160	3.161	3.2	20.5
8 29	21 54.07	− 3 15.4	2.163	3.161	3.5	20.5
9 8	21 46.81	− 3 46.5	2.195	3.160	6.3	20.7
9 18	21 40.80	− 4 17.8	2.252	3.160	9.3	20.9
9 28	21 36.56	− 4 45.8	2.334	3.159	12.0	21.1

362913 2012 CM_{37} 8 20.8 242.°27 2.°1/23.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 19.58	− 3 8.9	2.341	3.199	11.4	21.0
7 30	22 14.89	− 3 32.3	2.262	3.193	8.6	20.8
8 9	22 8.79	− 4 8.5	2.206	3.188	5.5	20.6
8 19	22 1.79	− 4 54.8	2.177	3.183	2.6	20.4
8 29	21 54.58	− 5 47.5	2.177	3.177	3.0	20.4
9 8	21 47.89	− 6 42.0	2.204	3.171	6.1	20.6
9 18	21 42.38	− 7 33.8	2.258	3.166	9.3	20.8
9 28	21 38.58	− 8 19.2	2.336	3.160	12.1	21.0

12625 Koopman 8 20.8 251.°96 1.°6/19.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 22.08	−15 53.7	2.378	3.267	10.1	18.0
7 30	22 16.68	−16 22.5	2.303	3.259	7.2	17.8
8 9	22 9.78	−16 54.7	2.254	3.250	4.0	17.6
8 19	22 1.95	−17 26.6	2.232	3.242	1.6	17.4
8 29	21 53.91	−17 53.9	2.239	3.233	3.8	17.6
9 8	21 46.47	−18 13.5	2.274	3.224	7.1	17.7
9 18	21 40.29	−18 23.3	2.334	3.215	10.1	17.9
9 28	21 35.92	−18 22.2	2.417	3.206	12.7	18.1

376125 2011 AM_{35} 8 20.8 168.°21 5.°5/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 27.03	+ 1 43.7	1.710	2.551	15.7	20.5
7 30	22 20.61	+ 2 19.6	1.639	2.553	12.4	20.2
8 9	22 12.13	+ 2 37.6	1.590	2.554	9.0	20.0
8 19	22 2.33	+ 2 37.6	1.566	2.555	6.1	19.9
8 29	21 52.24	+ 2 21.5	1.568	2.557	5.9	19.9
9 8	21 43.00	+ 1 53.6	1.596	2.557	8.6	20.0
9 18	21 35.55	+ 1 19.5	1.649	2.558	12.0	20.3
9 28	21 30.59	+ 0 45.1	1.724	2.558	15.2	20.5

213496 2002 GM_{45} 8 20.8 90.°35 2.°3/22.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 25.35	− 4 27.0	1.402	2.281	16.4	20.8
7 30	22 19.56	− 4 48.5	1.350	2.295	12.1	20.6
8 9	22 11.56	− 5 27.6	1.319	2.308	7.4	20.4
8 19	22 2.23	− 6 20.0	1.313	2.321	3.0	20.1
8 29	21 52.79	− 7 19.0	1.332	2.334	4.1	20.2
9 8	21 44.48	− 8 17.1	1.376	2.346	8.7	20.5
9 18	21 38.28	− 9 7.9	1.444	2.359	13.0	20.8
9 28	21 34.81	− 9 47.0	1.533	2.371	16.6	21.1

35020 1981 EJ_{12} 8 20.8 100.°53 1.°6/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 21.57	− 5 32.7	2.278	3.142	11.5	19.9
7 30	22 16.22	− 5 48.1	2.217	3.154	8.5	19.7
8 9	22 9.48	− 6 13.8	2.180	3.166	5.1	19.5
8 19	22 1.91	− 6 47.2	2.170	3.178	2.0	19.3
8 29	21 54.25	− 7 24.7	2.188	3.189	2.9	19.4
9 8	21 47.25	− 8 2.2	2.235	3.200	6.1	19.6
9 18	21 41.54	− 8 36.0	2.307	3.212	9.2	19.9
9 28	21 37.61	− 9 3.3	2.404	3.223	11.9	20.1

44377 1998 SD_{54} 8 20.8 332.°80 1.°4/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 22.97	−14 5.9	1.552	2.454	13.8	18.6
7 30	22 17.93	−14 30.0	1.485	2.446	9.9	18.3
8 9	22 10.74	−15 1.1	1.440	2.438	5.4	18.1
8 19	22 2.16	−15 34.1	1.420	2.431	1.4	17.8
8 29	21 53.29	−16 3.0	1.426	2.425	4.7	18.0
9 8	21 45.32	−16 22.8	1.457	2.418	9.2	18.2
9 18	21 39.24	−16 30.3	1.511	2.413	13.4	18.5
9 28	21 35.76	−16 24.4	1.585	2.407	16.9	18.7

429577 2011 EP_8 8 20.8 179.°74 1.°3/19.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 24.79	−12 59.9	1.859	2.748	12.5	22.1
7 30	22 18.91	−13 49.5	1.795	2.750	8.9	21.9
8 9	22 11.16	−14 46.9	1.754	2.751	4.9	21.6
8 19	22 2.22	−15 46.3	1.740	2.751	1.3	21.4
8 29	21 53.06	−16 41.6	1.754	2.751	4.3	21.6
9 8	21 44.71	−17 27.2	1.795	2.750	8.3	21.8
9 18	21 38.02	−17 59.8	1.861	2.749	12.0	22.1
9 28	21 33.62	−18 17.8	1.949	2.747	15.0	22.3

112514 2002 PA_{26} 8 20.8 339.°37 1.°5/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 20.49	− 5 16.1	1.746	2.624	13.7	19.9
7 30	22 15.93	− 5 53.1	1.677	2.622	10.1	19.7
8 9	22 9.53	− 6 45.5	1.631	2.620	6.1	19.4
8 19	22 1.97	− 7 49.0	1.609	2.619	2.1	19.2
8 29	21 54.16	− 8 57.6	1.615	2.617	3.5	19.3
9 8	21 47.09	−10 4.5	1.647	2.616	7.6	19.5
9 18	21 41.61	−11 4.0	1.704	2.615	11.5	19.8
9 28	21 38.34	−11 51.5	1.783	2.614	14.9	20.0

445509 2010 WC_{11} 8 20.8 243.°73 1.°4/19.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 23.23	−15 38.9	2.284	3.172	10.5	20.9
7 30	22 17.50	−15 56.7	2.215	3.170	7.5	20.7
8 9	22 10.25	−16 17.8	2.172	3.168	4.1	20.5
8 19	22 2.07	−16 38.3	2.156	3.166	1.4	20.3
8 29	21 53.75	−16 54.7	2.168	3.164	3.7	20.4
9 8	21 46.09	−17 4.0	2.209	3.162	7.1	20.6
9 18	21 39.79	−17 4.4	2.275	3.160	10.2	20.8
9 28	21 35.38	−16 55.1	2.363	3.157	12.8	21.0

268280 2005 QG_5 8 20.8 340.°14 0.°4/20.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 26.43	−12 56.2	1.304	2.207	15.8	20.0
7 30	22 20.70	−12 52.7	1.240	2.201	11.4	19.7
8 9	22 12.40	−12 57.0	1.198	2.196	6.4	19.4
8 19	22 2.43	−13 4.6	1.179	2.191	1.0	19.0
8 29	21 52.17	−13 10.5	1.185	2.187	4.7	19.3
9 8	21 43.05	−13 10.1	1.216	2.183	9.9	19.6
9 18	21 36.24	−13 0.8	1.269	2.180	14.6	19.8
9 28	21 32.51	−12 41.0	1.341	2.178	18.5	20.1

338041 2002 JW_{149} 8 20.8 190.°92 3.°5/17.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 24.06	−19 18.0	1.901	2.800	11.8	21.1
7 30	22 18.40	−20 18.6	1.841	2.800	8.4	20.9
8 9	22 10.88	−21 21.4	1.805	2.799	5.1	20.7
8 19	22 2.19	−22 19.9	1.795	2.798	3.5	20.6
8 29	21 53.29	−23 7.7	1.813	2.796	5.8	20.8
9 8	21 45.21	−23 40.3	1.857	2.795	9.3	21.0
9 18	21 38.79	−23 55.8	1.925	2.793	12.6	21.2
9 28	21 34.65	−23 54.3	2.014	2.791	15.3	21.4

289769 2005 JS_{87} 8 20.8 41.°51 3.°4/18.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 22.35	−15 18.6	1.148	2.067	16.2	19.8
7 30	22 17.79	−16 42.7	1.111	2.081	11.4	19.5
8 9	22 10.71	−18 14.6	1.095	2.095	6.4	19.3
8 19	22 2.16	−19 43.5	1.102	2.110	3.5	19.2
8 29	21 53.56	−20 58.6	1.134	2.126	6.9	19.4
9 8	21 46.33	−21 52.1	1.188	2.142	11.6	19.7
9 18	21 41.51	−22 21.3	1.263	2.159	15.8	20.0
9 28	21 39.71	−22 26.7	1.356	2.177	19.3	20.3

376156 2011 BH_{79} 8 20.8 248.°63 3.°1/18.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 24.74	−16 55.1	1.680	2.581	13.0	21.3
7 30	22 19.22	−18 2.3	1.607	2.568	9.3	21.1
8 9	22 11.51	−19 16.0	1.558	2.555	5.4	20.8
8 19	22 2.32	−20 28.6	1.535	2.541	3.2	20.7
8 29	21 52.71	−21 32.2	1.539	2.528	6.0	20.8
9 8	21 43.90	−22 20.3	1.569	2.513	10.1	21.0
9 18	21 36.91	−22 49.4	1.622	2.499	14.0	21.2
9 28	21 32.51	−22 59.0	1.695	2.484	17.3	21.4

515067 2010 NH_{60} 8 20.8 278.°17 3.°4/18.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 25.20	−21 44.8	2.157	3.051	10.8	21.4
7 30	22 19.07	−22 10.3	2.086	3.041	7.8	21.2
8 9	22 11.21	−22 34.8	2.039	3.031	4.8	21.0
8 19	22 2.25	−22 53.4	2.020	3.021	3.4	20.9
8 29	21 53.09	−23 1.9	2.028	3.011	5.4	21.0
9 8	21 44.67	−22 57.7	2.064	3.001	8.5	21.1
9 18	21 37.79	−22 40.0	2.124	2.991	11.6	21.3
9 28	21 33.02	−22 9.6	2.206	2.981	14.2	21.5

251265 2006 WE_1 8 20.8 192.°77 2.°4/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 24.33	− 4 4.3	2.474	3.324	11.1	20.7
7 30	22 18.19	− 3 53.4	2.396	3.323	8.4	20.5
8 9	22 10.62	− 3 52.3	2.342	3.321	5.4	20.3
8 19	22 2.16	− 3 59.5	2.315	3.319	2.7	20.1
8 29	21 53.50	− 4 12.8	2.318	3.316	3.2	20.1
9 8	21 45.41	− 4 29.2	2.350	3.313	6.0	20.3
9 18	21 38.54	− 4 45.9	2.408	3.310	9.0	20.5
9 28	21 33.41	− 4 59.9	2.491	3.306	11.7	20.7

180346 2003 YA_{64} 8 20.8 94°.16 3°.0/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 26.04	− 3 58.3	1.489	2.363	15.9	19.8
7 30	22 20.04	− 3 56.1	1.431	2.371	12.0	19.6
8 9	22 11.86	− 4 10.2	1.395	2.380	7.6	19.3
8 19	22 2.35	− 4 37.9	1.383	2.389	3.6	19.1
8 29	21 52.68	− 5 14.4	1.397	2.397	4.3	19.2
9 8	21 44.06	− 5 53.7	1.436	2.406	8.5	19.5
9 18	21 37.46	− 6 30.2	1.499	2.414	12.6	19.7
9 28	21 33.52	− 6 59.3	1.584	2.422	16.1	20.0

200536 2001 DX_{94} 8 20.8 159°.60 4°.9/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 23.17	+ 4 19.0	2.203	3.023	13.4	20.5
7 30	22 17.50	+ 4 25.9	2.130	3.028	10.7	20.3
8 9	22 10.29	+ 4 15.6	2.079	3.033	7.9	20.2
8 19	22 2.11	+ 3 48.8	2.054	3.037	5.5	20.0
8 29	21 53.74	+ 3 8.0	2.056	3.041	5.1	20.0
9 8	21 46.00	+ 2 17.9	2.086	3.045	7.0	20.1
9 18	21 39.59	+ 1 23.4	2.142	3.048	9.8	20.3
9 28	21 35.08	+ 0 29.8	2.221	3.050	12.4	20.5

180131 2003 FX_{74} 8 20.8 82°.07 6°.4/14.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 23.95	−29 28.8	2.089	2.986	11.0	19.6
7 30	22 18.21	−30 39.6	2.047	2.994	8.5	19.4
8 9	22 10.70	−31 43.4	2.030	3.002	6.7	19.3
8 19	22 2.17	−32 33.6	2.038	3.010	6.6	19.3
8 29	21 53.55	−33 4.9	2.074	3.018	8.2	19.5
9 8	21 45.83	−33 15.2	2.133	3.026	10.5	19.6
9 18	21 39.79	−33 4.8	2.216	3.034	12.9	19.8
9 28	21 35.96	−32 36.0	2.318	3.042	15.0	20.0

447058 2004 RV_{245} 8 20.8 254°.22 1°.0/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 19.01	− 5 51.5	2.276	3.146	11.3	21.2
7 30	22 14.55	− 6 36.0	2.200	3.142	8.3	21.0
8 9	22 8.66	− 7 32.5	2.149	3.138	4.9	20.8
8 19	22 1.86	− 8 37.3	2.124	3.134	1.5	20.5
8 29	21 54.85	− 9 45.6	2.128	3.130	2.8	20.6
9 8	21 48.38	−10 52.0	2.161	3.126	6.3	20.8
9 18	21 43.12	−11 51.8	2.219	3.122	9.6	21.0
9 28	21 39.58	−12 41.6	2.302	3.118	12.4	21.2

54246 2000 JF_{21} 8 20.8 25°.43 2°.9/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 22.89	− 5 9.5	1.185	2.079	17.7	18.4
7 30	22 18.11	− 5 2.8	1.136	2.088	13.2	18.1
8 9	22 10.90	− 5 14.2	1.107	2.098	8.2	17.9
8 19	22 2.21	− 5 40.5	1.101	2.108	3.5	17.7
8 29	21 53.40	− 6 15.9	1.117	2.120	4.6	17.8
9 8	21 45.84	− 6 53.3	1.158	2.132	9.4	18.1
9 18	21 40.57	− 7 26.3	1.220	2.145	13.9	18.4
9 28	21 38.26	− 7 50.0	1.302	2.159	17.8	18.7

435097 2007 CV_{51} 8 20.8 158°.29 4°.2/17.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 25.78	−20 55.9	1.842	2.741	12.1	21.1
7 30	22 19.67	−22 5.9	1.788	2.746	8.7	20.9
8 9	22 11.60	−23 16.4	1.759	2.751	5.5	20.8
8 19	22 2.33	−24 20.2	1.756	2.755	4.3	20.7
8 29	21 52.90	−25 10.4	1.781	2.759	6.6	20.9
9 8	21 44.39	−25 42.8	1.832	2.762	9.9	21.1
9 18	21 37.67	−25 55.9	1.907	2.765	13.1	21.3
9 28	21 33.35	−25 50.7	2.002	2.768	15.8	21.5

361004 2005 US_{515} 8 20.8 172°.18 1°.9/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 18.98	− 2 45.9	2.254	3.113	11.8	21.5
7 30	22 14.52	− 3 31.7	2.181	3.114	8.8	21.4
8 9	22 8.64	− 4 31.9	2.131	3.114	5.5	21.2
8 19	22 1.87	− 5 42.8	2.108	3.114	2.4	21.0
8 29	21 54.91	− 6 59.7	2.113	3.115	2.9	21.0
9 8	21 48.51	− 8 16.6	2.147	3.115	6.2	21.2
9 18	21 43.31	− 9 28.4	2.208	3.115	9.5	21.4
9 28	21 39.85	−10 30.8	2.292	3.115	12.3	21.6

385745 2005 WG_{193} 8 20.8 185°.17 9°.9/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 37.24	+ 3 40.8	1.173	2.016	21.2	20.1
7 30	22 28.88	+ 5 34.5	1.108	2.017	17.4	19.9
8 9	22 17.21	+ 7 7.2	1.062	2.017	13.4	19.6
8 19	22 3.27	+ 8 12.8	1.039	2.016	10.4	19.5
8 29	21 48.74	+ 8 47.9	1.040	2.015	10.3	19.5
9 8	21 35.53	+ 8 55.1	1.064	2.014	13.1	19.6
9 18	21 25.19	+ 8 41.6	1.110	2.012	17.0	19.8
9 28	21 18.70	+ 8 16.8	1.174	2.010	20.7	20.1

210086 2006 QA_{51} 8 20.8 19°.89 2°.7/19.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 25.71	−18 21.5	1.488	2.394	14.0	19.5
7 30	22 19.82	−18 34.6	1.437	2.400	10.0	19.2
8 9	22 11.73	−18 49.2	1.408	2.406	5.7	19.0
8 19	22 2.36	−18 59.9	1.404	2.412	2.7	18.8
8 29	21 52.93	−19 1.7	1.426	2.420	5.5	19.0
9 8	21 44.66	−18 51.7	1.472	2.428	9.7	19.3
9 18	21 38.51	−18 28.9	1.542	2.436	13.6	19.6
9 28	21 35.06	−17 54.1	1.631	2.446	16.8	19.8

387095 2012 TZ_{126} 8 20.8 251°.54 0°.6/21.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 21.93	− 7 19.6	1.970	2.846	12.5	21.1
7 30	22 16.92	− 8 5.2	1.886	2.832	9.1	20.8
8 9	22 10.13	− 9 4.0	1.826	2.818	5.3	20.6
8 19	22 2.13	−10 11.7	1.792	2.803	1.2	20.3
8 29	21 53.77	−11 22.6	1.787	2.788	3.3	20.4
9 8	21 45.99	−12 30.3	1.809	2.773	7.5	20.6
9 18	21 39.63	−13 29.4	1.856	2.757	11.3	20.8
9 28	21 35.38	−14 16.1	1.926	2.741	14.6	21.0

12077 1998 FZ_{70} 8 20.8 66°.36 7°.6/16.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 31.58	−30 45.4	1.579	2.476	13.9	17.3
7 30	22 23.91	−31 28.5	1.544	2.490	10.7	17.1
8 9	22 13.91	−32 0.3	1.531	2.505	8.3	17.0
8 19	22 2.69	−32 13.2	1.544	2.520	7.7	17.0
8 29	21 51.64	−32 2.5	1.581	2.535	9.5	17.1
9 8	21 42.09	−31 28.0	1.643	2.550	12.3	17.3
9 18	21 34.98	−30 32.8	1.726	2.566	15.1	17.6
9 28	21 30.83	−29 21.5	1.829	2.581	17.5	17.8

342224 2008 SX_{262} 8 20.8 355°.00 0°.3/20.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 21.03	−10 40.3	1.301	2.208	15.6	20.5
7 30	22 16.80	−11 8.5	1.242	2.204	11.2	20.3
8 9	22 10.23	−11 49.3	1.202	2.200	6.3	20.0
8 19	22 2.15	−12 37.0	1.186	2.198	0.9	19.6
8 29	21 53.79	−13 24.3	1.195	2.197	4.5	19.9
9 8	21 46.46	−14 4.1	1.227	2.196	9.6	20.2
9 18	21 41.23	−14 31.5	1.282	2.197	14.2	20.5
9 28	21 38.83	−14 43.6	1.355	2.198	18.1	20.7

507947 2015 AV_{253} 8 20.8 247°.44 0°.8/21.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 27.16	− 9 14.7	1.550	2.435	14.8	22.1
7 30	22 21.03	− 9 22.1	1.475	2.426	10.8	21.8
8 9	22 12.56	− 9 40.6	1.422	2.416	6.3	21.6
8 19	22 2.53	−10 6.7	1.395	2.406	1.4	21.2
8 29	21 52.10	−10 35.2	1.393	2.395	4.0	21.4
9 8	21 42.54	−11 0.9	1.418	2.384	8.9	21.6
9 18	21 34.95	−11 19.3	1.466	2.373	13.3	21.9
9 28	21 30.12	−11 27.8	1.536	2.362	17.1	22.1

112439 2002 OB_{3} 8 20.8 23°.80 5°.6/25.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 21.59	+ 2 0.4	1.486	2.344	16.8	18.3
7 30	22 16.89	+ 2 21.9	1.428	2.351	13.3	18.1
8 9	22 10.14	+ 2 22.0	1.390	2.358	9.5	17.9
8 19	22 2.13	+ 2 1.2	1.374	2.366	6.3	17.7
8 29	21 53.93	+ 1 23.3	1.383	2.375	5.9	17.8
9 8	21 46.67	+ 0 34.4	1.417	2.385	8.7	17.9
9 18	21 41.27	− 0 18.4	1.474	2.395	12.2	18.2
9 28	21 38.37	− 1 8.3	1.552	2.406	15.6	18.4

504418 2007 YM_{68} 8 20.8 89°.51 3°.1/18.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 24.16	−15 30.7	1.421	2.328	14.5	20.8
7 30	22 18.86	−16 49.7	1.372	2.336	10.2	20.6
8 9	22 11.28	−18 15.9	1.345	2.344	5.7	20.4
8 19	22 2.31	−19 40.5	1.344	2.351	3.1	20.2
8 29	21 53.17	−20 53.9	1.368	2.359	6.2	20.4
9 8	21 45.14	−21 49.3	1.417	2.367	10.5	20.7
9 18	21 39.22	−22 23.4	1.489	2.374	14.5	21.0
9 28	21 36.06	−22 36.1	1.580	2.382	17.8	21.2

104817 2000 HW_{51} 8 20.8 180°.83 2°.2/19.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 25.83	−15 57.0	1.862	2.755	12.3	20.3
7 30	22 19.69	−16 44.3	1.799	2.756	8.7	20.1
8 9	22 11.62	−17 36.3	1.760	2.756	4.9	19.8
8 19	22 2.37	−18 27.4	1.748	2.756	2.2	19.7
8 29	21 52.91	−19 11.3	1.764	2.756	4.9	19.8
9 8	21 44.29	−19 43.5	1.806	2.755	8.7	20.1
9 18	21 37.39	−20 1.3	1.873	2.754	12.2	20.3
9 28	21 32.82	−20 4.3	1.962	2.752	15.2	20.5

273767 2007 EW_{167} 8 20.8 19°.55 3°.7/18.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 23.60	−18 18.8	1.243	2.160	15.4	20.3
7 30	22 18.64	−19 0.8	1.198	2.165	10.9	20.1
8 9	22 11.21	−19 46.0	1.173	2.172	6.3	19.8
8 19	22 2.30	−20 26.3	1.172	2.179	3.7	19.7
8 29	21 53.30	−20 54.3	1.195	2.187	6.7	19.9
9 8	21 45.60	−21 5.1	1.241	2.196	11.2	20.2
9 18	21 40.25	−20 57.3	1.309	2.206	15.3	20.4
9 28	21 37.88	−20 31.9	1.395	2.217	18.8	20.7

250713 2005 RR_{51} 8 20.9 34°.18 3°.6/18.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 25.56	−21 18.5	1.833	2.733	12.1	19.8
7 30	22 19.43	−21 43.9	1.780	2.738	8.7	19.6
8 9	22 11.43	−22 8.1	1.750	2.744	5.3	19.4
8 19	22 2.34	−22 25.8	1.747	2.750	3.6	19.4
8 29	21 53.19	−22 32.4	1.771	2.756	5.8	19.5
9 8	21 45.01	−22 25.5	1.821	2.762	9.1	19.7
9 18	21 38.64	−22 4.7	1.894	2.769	12.4	19.9
9 28	21 34.63	−21 30.9	1.989	2.776	15.2	20.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
349888 2009 DM_{126}			8 20.9 292.°12		0.°1/20.8 18	
	h m	° ′			°	m
7 20	22 23.36	−11 12.0	1.857	2.745	12.6	21.1
7 30	22 17.96	−11 28.5	1.784	2.737	9.1	20.9
8 9	22 10.70	−11 53.2	1.735	2.730	5.1	20.6
8 19	22 2.24	−12 22.2	1.711	2.722	0.8	20.3
8 29	21 53.52	−12 51.0	1.714	2.715	3.6	20.5
9 8	21 45.54	−13 15.0	1.745	2.708	7.8	20.7
9 18	21 39.15	−13 31.1	1.800	2.701	11.6	20.9
9 28	21 35.00	−13 37.0	1.877	2.694	14.8	21.1
220383 2003 QO_{42}			8 20.9 67.°84		1.°0/20.0 18	
7 20	22 24.98	−15 17.0	2.229	3.114	10.9	19.7
7 30	22 18.72	−15 20.6	2.168	3.121	7.7	19.5
8 9	22 10.94	−15 27.1	2.132	3.127	4.2	19.3
8 19	22 2.27	−15 33.2	2.123	3.134	1.1	19.1
8 29	21 53.52	−15 35.8	2.144	3.141	3.5	19.3
9 8	21 45.55	−15 32.6	2.192	3.148	6.9	19.5
9 18	21 39.01	−15 22.1	2.266	3.154	10.1	19.7
9 28	21 34.44	−15 3.8	2.363	3.161	12.7	19.9
66031 1998 QE_{68}			8 20.9 32.°19		7.°9/27.3 18	
7 20	22 21.03	+ 7 45.4	1.450	2.283	18.4	18.3
7 30	22 16.52	+ 8 13.2	1.396	2.295	15.1	18.2
8 9	22 9.96	+ 8 13.6	1.360	2.307	11.7	18.0
8 19	22 2.13	+ 7 46.5	1.345	2.320	8.9	17.9
8 29	21 54.13	+ 6 54.9	1.354	2.333	8.0	17.9
9 8	21 47.10	+ 5 46.3	1.386	2.347	9.6	18.0
9 18	21 41.97	+ 4 29.2	1.442	2.362	12.6	18.2
9 28	21 39.35	+ 3 12.6	1.519	2.377	15.6	18.4
346630 2008 WC_{132}			8 20.9 326.°08		5.°8/15.8 18	
7 20	22 22.19	−22 48.4	1.555	2.467	13.1	19.8
7 30	22 17.52	−24 18.9	1.498	2.461	9.6	19.6
8 9	22 10.61	−25 49.9	1.465	2.455	6.6	19.4
8 19	22 2.24	−27 12.0	1.456	2.449	6.0	19.3
8 29	21 53.57	−28 16.0	1.473	2.444	8.4	19.5
9 8	21 45.85	−28 56.4	1.514	2.439	12.0	19.7
9 18	21 40.09	−29 11.4	1.576	2.434	15.4	19.9
9 28	21 37.03	−29 2.5	1.657	2.430	18.3	20.1
85364 1995 YD_{7}			8 20.9 241.°99		4.°1/24.1 18	
7 20	22 23.70	+ 0 13.3	1.720	2.573	15.1	20.6
7 30	22 18.39	+ 0 6.7	1.639	2.563	11.8	20.3
8 9	22 11.05	− 0 19.1	1.579	2.553	8.0	20.1
8 19	22 2.33	− 1 2.5	1.544	2.542	4.7	19.9
8 29	21 53.20	− 1 59.4	1.535	2.531	4.7	19.9
9 8	21 44.77	− 3 3.6	1.552	2.520	8.1	20.0
9 18	21 37.98	− 4 8.1	1.594	2.508	12.0	20.2
9 28	21 33.59	− 5 6.6	1.658	2.496	15.5	20.4
95253 2002 CD_{56}			8 20.9 124.°04		0.°5/21.3 18	
7 20	22 23.47	− 9 58.2	2.335	3.209	10.9	19.7
7 30	22 17.61	−10 4.6	2.270	3.216	7.8	19.5
8 9	22 10.33	−10 17.7	2.230	3.222	4.5	19.3
8 19	22 2.18	−10 34.9	2.217	3.228	0.9	19.0
8 29	21 53.93	−10 52.9	2.233	3.234	2.8	19.2
9 8	21 46.35	−11 8.6	2.277	3.240	6.3	19.4
9 18	21 40.07	−11 19.6	2.348	3.246	9.4	19.6
9 28	21 35.60	−11 24.0	2.443	3.251	12.1	19.8
443654 2015 FT_{43}			8 20.9 88.°77		2.°5/23.2 18	
7 20	22 22.95	− 1 42.5	1.825	2.683	14.1	21.3
7 30	22 17.46	− 2 25.2	1.775	2.706	10.6	21.1
8 9	22 10.30	− 3 24.5	1.748	2.729	6.7	20.9
8 19	22 2.19	− 4 36.2	1.746	2.751	3.1	20.7
8 29	21 54.04	− 5 54.2	1.773	2.774	3.5	20.8
9 8	21 46.77	− 7 11.5	1.827	2.795	7.0	21.1
9 18	21 41.10	− 8 22.1	1.907	2.817	10.6	21.3
9 28	21 37.56	− 9 21.7	2.010	2.838	13.6	21.6
313668 2003 SL_{202}			8 20.9 80.°57		1.°8/22.9 18	
7 20	22 19.12	− 3 44.7	2.342	3.203	11.3	20.2
7 30	22 14.57	− 4 13.3	2.272	3.206	8.5	20.0
8 9	22 8.67	− 4 54.0	2.226	3.210	5.3	19.8
8 19	22 1.94	− 5 44.0	2.207	3.213	2.3	19.6
8 29	21 55.05	− 6 39.3	2.216	3.217	2.9	19.7
9 8	21 48.73	− 7 35.1	2.253	3.221	6.0	19.9
9 18	21 43.58	− 8 27.3	2.317	3.224	9.1	20.1
9 28	21 40.10	− 9 12.1	2.404	3.228	11.8	20.3
112261 2002 LT_{15}			8 20.9 37.°86		0.°9/21.4 17	
7 20	22 25.52	− 9 14.4	1.127	2.032	17.6	18.8
7 30	22 20.08	− 9 19.3	1.083	2.043	12.8	18.6
8 9	22 12.04	− 9 38.1	1.059	2.055	7.3	18.3
8 19	22 2.48	−10 6.0	1.057	2.068	1.7	18.0
8 29	21 52.85	−10 36.1	1.078	2.081	4.5	18.3
9 8	21 44.65	−11 1.9	1.123	2.095	9.9	18.6
9 18	21 38.95	−11 18.8	1.190	2.110	14.6	18.9
9 28	21 36.39	−11 23.8	1.276	2.125	18.6	19.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
309550 2007 YB_{47}			8 20.9 256.°59		2.°1/22.5 18	
	h m	° ′			°	m
7 20	22 24.14	− 5 47.9	2.081	2.946	12.4	20.9
7 30	22 18.35	− 5 39.6	2.003	2.940	9.2	20.7
8 9	22 10.87	− 5 41.6	1.948	2.933	5.7	20.4
8 19	22 2.30	− 5 52.2	1.919	2.926	2.5	20.2
8 29	21 53.47	− 6 8.4	1.918	2.918	3.4	20.3
9 8	21 45.28	− 6 26.6	1.945	2.911	6.9	20.5
9 18	21 38.51	− 6 43.5	1.998	2.904	10.4	20.7
9 28	21 33.78	− 6 55.9	2.074	2.896	13.4	20.9
122560 2000 RO_{2}			8 20.9 308.°00		0.°9/20.2 18	
7 20	22 23.16	−12 35.2	1.478	2.379	14.4	18.8
7 30	22 18.34	−13 2.1	1.400	2.360	10.4	18.6
8 9	22 11.17	−13 38.8	1.344	2.342	5.8	18.2
8 19	22 2.38	−14 20.2	1.312	2.323	1.1	17.9
8 29	21 53.09	−14 59.7	1.305	2.305	4.7	18.1
9 8	21 44.61	−15 30.9	1.323	2.287	9.7	18.3
9 18	21 38.07	−15 49.7	1.364	2.270	14.2	18.6
9 28	21 34.31	−15 53.6	1.425	2.253	18.1	18.8
268387 2005 UW_{88}			8 20.9 174.°20		4.°3/17.4 17	
7 20	22 26.50	−21 34.6	1.775	2.675	12.4	20.7
7 30	22 20.28	−22 31.9	1.719	2.677	9.0	20.5
8 9	22 12.01	−23 28.9	1.687	2.678	5.7	20.3
8 19	22 2.48	−24 18.6	1.680	2.679	4.4	20.3
8 29	21 52.77	−24 54.7	1.701	2.680	6.7	20.4
9 8	21 44.02	−25 13.1	1.747	2.680	10.1	20.6
9 18	21 37.14	−25 12.9	1.817	2.680	13.4	20.8
9 28	21 32.78	−24 55.2	1.907	2.679	16.2	21.0
162288 1999 VW_{123}			8 20.9 2.°54		0.°2/20.9 18	
7 20	22 21.59	− 9 21.6	1.572	2.465	14.1	20.7
7 30	22 16.89	− 9 56.2	1.510	2.465	10.2	20.5
8 9	22 10.18	−10 42.9	1.469	2.465	5.8	20.3
8 19	22 2.20	−11 36.9	1.453	2.465	1.0	19.9
8 29	21 53.98	−12 31.5	1.464	2.466	3.9	20.1
9 8	21 46.63	−13 20.3	1.500	2.467	8.5	20.4
9 18	21 41.08	−13 58.4	1.560	2.468	12.6	20.7
9 28	21 37.98	−14 22.9	1.640	2.470	16.1	20.9
501662 2014 SZ_{337}			8 20.9 351.°45		2.°4/22.5 17	
7 20	22 16.87	− 4 3.2	0.905	1.819	19.9	20.6
7 30	22 14.50	− 4 39.9	0.849	1.811	14.9	20.3
8 9	22 9.27	− 5 45.2	0.810	1.805	9.2	19.9
8 19	22 2.08	− 7 13.5	0.791	1.801	3.3	19.6
8 29	21 54.44	− 8 53.2	0.793	1.797	5.0	19.7
9 8	21 48.04	−10 30.3	0.816	1.796	11.1	20.0
9 18	21 44.23	−11 52.8	0.858	1.795	16.7	20.3
9 28	21 43.88	−12 52.9	0.917	1.797	21.5	20.6
420777 2013 GX_{63}			8 20.9 52.°71		5.°5/18.3 17	
7 20	22 31.45	−22 15.9	1.059	1.976	17.4	20.6
7 30	22 24.39	−22 49.1	1.027	1.993	12.6	20.4
8 9	22 14.39	−23 18.7	1.016	2.011	7.8	20.2
8 19	22 2.84	−23 35.8	1.026	2.029	5.5	20.1
8 29	21 51.52	−23 33.7	1.060	2.048	8.3	20.4
9 8	21 42.12	−23 10.6	1.117	2.067	12.7	20.7
9 18	21 35.74	−22 28.4	1.194	2.086	16.9	21.0
9 28	21 32.89	−21 30.8	1.289	2.105	20.3	21.3
245364 2005 FS_{6}			8 20.9 168.°29		7.°0/13.8 18	
7 20	22 26.01	−31 24.4	2.127	3.018	11.1	20.7
7 30	22 19.79	−32 42.3	2.080	3.021	8.8	20.6
8 9	22 11.68	−33 52.2	2.058	3.023	7.2	20.5
8 19	22 2.43	−34 46.9	2.063	3.025	7.2	20.5
8 29	21 53.04	−35 21.0	2.094	3.026	8.8	20.6
9 8	21 44.53	−35 32.1	2.149	3.028	11.1	20.8
9 18	21 37.76	−35 20.9	2.227	3.029	13.4	20.9
9 28	21 33.31	−34 50.0	2.323	3.029	15.4	21.1
308913 2006 SZ_{273}			8 20.9 303.°61		1.°6/19.5 18	
7 20	22 21.71	−14 28.2	1.875	2.772	12.0	21.1
7 30	22 16.84	−15 8.0	1.801	2.760	8.6	20.9
8 9	22 10.13	−15 54.2	1.751	2.749	4.7	20.6
8 19	22 2.22	−16 42.0	1.727	2.738	1.6	20.4
8 29	21 54.01	−17 25.4	1.731	2.727	4.4	20.6
9 8	21 46.50	−17 59.5	1.760	2.716	8.4	20.8
9 18	21 40.54	−18 21.0	1.814	2.705	12.0	21.0
9 28	21 36.78	−18 28.5	1.889	2.695	15.2	21.2
445845 2012 DD_{56}			8 20.9 216.°76		0.°9/21.9 18	
7 20	22 19.77	− 6 41.5	2.759	3.622	9.7	22.0
7 30	22 14.93	− 7 11.5	2.677	3.616	7.1	21.9
8 9	22 8.86	− 7 50.3	2.621	3.609	4.2	21.7
8 19	22 2.01	− 8 35.5	2.592	3.602	1.3	21.4
8 29	21 54.98	− 9 23.4	2.593	3.594	2.5	21.5
9 8	21 48.38	−10 10.2	2.623	3.586	5.5	21.7
9 18	21 42.78	−10 52.8	2.680	3.578	8.3	21.9
9 28	21 38.66	−11 28.2	2.761	3.570	10.8	22.0

439267 2012 UX_7 8 20.9 40°.01 2°.8/18.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 23.58	−16 51.6	1.598	2.502	13.3	21.1
7 30	22 18.30	−17 42.9	1.544	2.506	9.4	20.9
8 9	22 10.95	−18 38.8	1.513	2.510	5.4	20.6
8 19	22 2.35	−19 32.4	1.507	2.514	2.8	20.5
8 29	21 53.59	−20 16.8	1.527	2.519	5.6	20.7
9 8	21 45.81	−20 46.9	1.573	2.524	9.6	20.9
9 18	21 39.92	−21 0.4	1.642	2.529	13.3	21.2
9 28	21 36.56	−20 57.0	1.731	2.534	16.5	21.4

54676 2000 YP_{12} 8 20.9 257°.68 2°.9/18.0 18

7 20	22 22.77	−16 29.2	1.980	2.876	11.5	19.3
7 30	22 17.65	−17 46.3	1.900	2.858	8.2	19.0
8 9	22 10.64	−19 10.4	1.844	2.840	4.7	18.8
8 19	22 2.33	−20 34.7	1.816	2.821	2.9	18.6
8 29	21 53.61	−21 51.7	1.816	2.802	5.5	18.8
9 8	21 45.47	−22 55.0	1.842	2.783	9.2	19.0
9 18	21 38.82	−23 40.8	1.894	2.763	12.7	19.1
9 28	21 34.36	−24 7.7	1.966	2.743	15.7	19.3

103361 2000 AR_{95} 8 20.9 210°.08 0°.2/21.1 18

7 20	22 24.54	−10 21.5	2.092	2.970	11.8	19.4
7 30	22 18.63	−10 35.0	2.018	2.966	8.5	19.2
8 9	22 11.03	−10 56.0	1.969	2.963	4.8	18.9
8 19	22 2.38	−11 21.5	1.947	2.959	0.9	18.6
8 29	21 53.50	−11 47.5	1.953	2.954	3.2	18.8
9 8	21 45.31	−12 10.0	1.988	2.950	7.1	19.1
9 18	21 38.57	−12 26.1	2.047	2.945	10.6	19.3
9 28	21 33.88	−12 33.8	2.130	2.940	13.5	19.5

487950 2015 TK_{246} 8 20.9 300°.44 1°.0/21.8 17

7 20	22 20.58	− 7 26.8	2.045	2.922	12.0	22.0
7 30	22 15.96	− 7 46.9	1.957	2.903	8.9	21.8
8 9	22 9.63	− 8 18.1	1.892	2.883	5.3	21.5
8 19	22 2.17	− 8 57.6	1.854	2.864	1.5	21.2
8 29	21 54.35	− 9 40.9	1.843	2.845	3.2	21.3
9 8	21 47.07	−10 23.3	1.859	2.826	7.1	21.5
9 18	21 41.12	−11 0.4	1.901	2.807	10.8	21.7
9 28	21 37.16	−11 28.7	1.965	2.789	14.0	21.9

388622 2007 TO_{37} 8 20.9 315°.13 2°.6/18.9 18

7 20	22 24.02	−17 19.1	1.716	2.617	12.7	20.7
7 30	22 18.59	−17 56.0	1.651	2.611	9.1	20.5
8 9	22 11.14	−18 36.6	1.609	2.606	5.2	20.2
8 19	22 2.40	−19 15.1	1.593	2.601	2.6	20.1
8 29	21 53.42	−19 45.7	1.604	2.596	5.3	20.2
9 8	21 45.32	−20 3.7	1.641	2.592	9.3	20.5
9 18	21 39.00	−20 7.2	1.701	2.587	13.0	20.7
9 28	21 35.13	−19 55.8	1.781	2.583	16.1	20.9

71600 2000 DK_{87} 8 20.9 282°.42 2°.8/17.9 18

7 20	22 20.69	−18 40.4	2.304	3.200	10.1	19.3
7 30	22 15.86	−19 32.8	2.231	3.189	7.2	19.1
8 9	22 9.49	−20 28.0	2.183	3.177	4.3	18.9
8 19	22 2.14	−21 20.8	2.162	3.166	2.8	18.8
8 29	21 54.54	−22 6.0	2.169	3.154	4.9	18.9
9 8	21 47.50	−22 39.8	2.204	3.143	7.9	19.1
9 18	21 41.75	−22 59.8	2.263	3.131	10.9	19.2
9 28	21 37.85	−23 5.2	2.344	3.120	13.5	19.4

103663 2000 CC_{47} 8 20.9 200°.36 1°.2/22.1 18

7 20	22 21.22	− 5 23.6	2.178	3.044	11.8	20.0
7 30	22 16.23	− 6 7.4	2.102	3.042	8.7	19.8
8 9	22 9.70	− 7 3.9	2.051	3.039	5.2	19.6
8 19	22 2.18	− 8 9.5	2.026	3.036	1.7	19.4
8 29	21 54.43	− 9 19.0	2.030	3.032	3.0	19.4
9 8	21 47.26	−10 26.8	2.063	3.028	6.6	19.7
9 18	21 41.38	−11 28.0	2.121	3.024	10.0	19.9
9 28	21 37.37	−12 18.8	2.204	3.019	13.0	20.1

257743 2000 AY_{183} 8 20.9 261°.53 6°.3/27.4 18

7 20	22 20.54	+ 9 7.7	2.411	3.202	13.2	19.8
7 30	22 15.66	+ 9 31.3	2.329	3.198	11.0	19.6
8 9	22 9.35	+ 9 37.0	2.268	3.195	8.8	19.5
8 19	22 2.12	+ 9 24.1	2.232	3.192	6.9	19.4
8 29	21 54.66	+ 8 54.1	2.222	3.188	6.3	19.3
9 8	21 47.69	+ 8 10.2	2.238	3.185	7.4	19.4
9 18	21 41.89	+ 7 17.3	2.281	3.181	9.5	19.5
9 28	21 37.77	+ 6 20.7	2.347	3.178	11.8	19.7

346762 2009 BG_{62} 8 20.9 260°.25 1°.7/19.8 18

7 20	22 30.49	−17 29.2	2.036	2.920	11.8	20.5
7 30	22 23.03	−17 24.9	1.953	2.905	8.5	20.3
8 9	22 13.56	−17 21.2	1.895	2.890	4.8	20.0
8 19	22 2.81	−17 14.7	1.865	2.874	1.7	19.8
8 29	21 51.75	−17 1.8	1.864	2.859	4.3	19.9
9 8	21 41.47	−16 40.5	1.891	2.843	8.1	20.1
9 18	21 32.89	−16 10.2	1.944	2.827	11.8	20.3
9 28	21 26.66	−15 31.1	2.020	2.810	14.8	20.5

440508 2005 UW_{27} 8 20.9 13°.64 1°.0/21.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 20.22	− 7 51.7	1.589	2.480	14.1	20.3
7 30	22 15.86	− 8 9.8	1.531	2.484	10.3	20.1
8 9	22 9.59	− 8 40.4	1.495	2.489	6.0	19.8
8 19	22 2.17	− 9 19.6	1.484	2.495	1.6	19.6
8 29	21 54.58	−10 1.8	1.498	2.501	3.6	19.7
9 8	21 47.87	−10 41.4	1.538	2.508	7.9	20.0
9 18	21 42.88	−11 13.6	1.602	2.516	11.9	20.2
9 28	21 40.23	−11 35.2	1.687	2.525	15.3	20.5

188146 2002 EA_{90} 8 20.9 56°.68 1°.3/22.3 18

7 20	22 19.12	− 4 41.5	2.059	2.929	12.3	19.7
7 30	22 14.73	− 5 30.4	1.996	2.937	9.0	19.5
8 9	22 8.84	− 6 32.9	1.957	2.945	5.4	19.3
8 19	22 2.04	− 7 44.9	1.944	2.953	1.9	19.1
8 29	21 55.10	− 9 0.6	1.959	2.962	3.0	19.2
9 8	21 48.81	−10 14.0	2.002	2.970	6.6	19.5
9 18	21 43.85	−11 19.9	2.071	2.979	10.0	19.7
9 28	21 40.74	−12 14.5	2.164	2.987	12.9	19.9

168659 2000 EH_{22} 8 20.9 70°.01 0°.3/21.2 17

7 20	22 21.70	− 8 12.4	1.775	2.659	13.2	20.1
7 30	22 16.72	− 8 57.9	1.720	2.671	9.5	19.9
8 9	22 10.00	− 9 55.2	1.689	2.683	5.4	19.7
8 19	22 2.23	−10 59.1	1.684	2.695	1.0	19.4
8 29	21 54.35	−12 3.5	1.706	2.707	3.4	19.7
9 8	21 47.31	−13 2.1	1.755	2.720	7.6	19.9
9 18	21 41.89	−13 50.3	1.828	2.732	11.3	20.2
9 28	21 38.64	−14 25.3	1.924	2.744	14.4	20.4

324150 2005 YU_{162} 8 20.9 294°.40 3°.7/24.2 17

7 20	22 21.13	− 0 16.7	2.180	3.026	12.6	20.8
7 30	22 16.20	− 0 8.3	2.097	3.017	9.8	20.6
8 9	22 9.71	− 0 14.0	2.036	3.007	6.8	20.4
8 19	22 2.20	− 0 32.7	2.001	2.997	4.2	20.3
8 29	21 54.41	− 1 2.0	1.993	2.988	4.1	20.2
9 8	21 47.16	− 1 37.8	2.013	2.978	6.7	20.4
9 18	21 41.18	− 2 15.9	2.058	2.969	9.8	20.6
9 28	21 37.05	− 2 51.8	2.127	2.960	12.7	20.7

510157 2010 XB_{23} 8 20.9 298°.08 2°.9/22.7 17

7 20	22 23.58	− 4 28.4	1.344	2.229	16.6	22.0
7 30	22 18.86	− 4 30.7	1.264	2.210	12.6	21.7
8 9	22 11.61	− 4 51.2	1.204	2.192	8.0	21.4
8 19	22 2.56	− 5 27.9	1.167	2.174	3.5	21.1
8 29	21 52.89	− 6 15.5	1.154	2.156	4.6	21.1
9 8	21 44.03	− 7 6.7	1.165	2.138	9.5	21.3
9 18	21 37.22	− 7 54.3	1.199	2.121	14.5	21.5
9 28	21 33.39	− 8 32.3	1.253	2.104	18.8	21.8

102535 1999 UL_6 8 20.9 328°.49 3°.2/23.0 18

7 20	22 18.63	− 3 34.4	1.312	2.202	16.6	19.2
7 30	22 15.32	− 3 40.8	1.230	2.179	12.7	18.9
8 9	22 9.64	− 4 7.6	1.168	2.156	8.2	18.6
8 19	22 2.24	− 4 52.7	1.127	2.134	3.9	18.3
8 29	21 54.25	− 5 50.8	1.111	2.113	4.6	18.3
9 8	21 47.01	− 6 54.0	1.118	2.094	9.4	18.5
9 18	21 41.72	− 7 53.8	1.147	2.075	14.3	18.7
9 28	21 39.28	− 8 43.2	1.195	2.058	18.7	18.9

445520 2010 XO_{17} 8 20.9 248°.62 4°.3/15.5 18

7 20	22 20.68	−24 2.6	2.582	3.478	9.2	20.7
7 30	22 15.80	−25 20.3	2.513	3.467	6.8	20.5
8 9	22 9.46	−26 37.4	2.471	3.456	4.8	20.4
8 19	22 2.18	−27 48.2	2.457	3.444	4.4	20.3
8 29	21 54.65	−28 47.4	2.472	3.433	6.1	20.4
9 8	21 47.62	−29 31.2	2.513	3.421	8.5	20.6
9 18	21 41.77	−29 57.9	2.578	3.409	10.9	20.7
9 28	21 37.66	−30 7.6	2.665	3.397	13.1	20.8

126435 2002 CQ_{10} 8 20.9 195°.02 10°.4/10.5 18

7 20	22 33.38	−43 2.4	2.131	2.987	12.4	20.1
7 30	22 25.35	−44 22.1	2.091	2.985	11.0	20.0
8 9	22 14.92	−45 24.4	2.074	2.983	10.4	19.9
8 19	22 3.05	−46 1.5	2.082	2.980	10.7	19.9
8 29	21 51.07	−46 8.6	2.113	2.976	12.0	20.0
9 8	21 40.34	−45 45.3	2.166	2.972	13.7	20.1
9 18	21 31.89	−44 55.0	2.239	2.967	15.4	20.3
9 28	21 26.39	−43 42.8	2.328	2.962	17.0	20.4

335035 2004 RA_2 8 20.9 303°.20 12°.0/23.5 16

7 20	22 35.07	+ 3 12.4	1.014	1.874	22.7	20.0
7 30	22 28.02	+ 5 44.9	0.943	1.860	18.9	19.7
8 9	22 17.20	+ 8 1.1	0.890	1.847	15.1	19.4
8 19	22 3.53	+ 9 51.1	0.858	1.834	12.3	19.2
8 29	21 48.76	+11 6.6	0.848	1.821	12.5	19.2
9 8	21 35.11	+11 46.5	0.859	1.809	15.5	19.3
9 18	21 24.48	+11 56.1	0.889	1.797	19.7	19.5
9 28	21 18.16	+11 45.9	0.936	1.785	23.7	19.7

145113 2005 GH_{123} 8 20.9 55°.98 2°.8/19.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 25.99	−16 6.3	1.295	2.204	15.5	19.9
7 30	22 20.32	−16 53.5	1.249	2.213	11.0	19.7
8 9	22 12.20	−17 46.4	1.224	2.223	6.1	19.5
8 19	22 2.63	−18 37.2	1.224	2.233	2.8	19.3
8 29	21 52.96	−19 17.9	1.248	2.243	6.0	19.5
9 8	21 44.59	−19 42.9	1.297	2.253	10.6	19.8
9 18	21 38.55	−19 50.0	1.367	2.264	14.8	20.1
9 28	21 35.49	−19 39.6	1.457	2.274	18.3	20.3

443972 2003 TN_1 8 20.9 266°.54 29°.1/10.2 16

7 20	23 14.61	−55 42.0	0.659	1.523	31.0	20.9
7 30	23 1.94	−57 43.3	0.620	1.506	29.7	20.7
8 9	22 38.28	−58 52.2	0.591	1.489	29.1	20.6
8 19	22 6.94	−58 29.7	0.573	1.470	29.6	20.5
8 29	21 35.77	−56 11.8	0.567	1.451	31.2	20.5
9 8	21 12.18	−52 9.3	0.572	1.432	33.7	20.6
9 18	20 58.79	−46 55.4	0.589	1.412	36.8	20.7
9 28	20 54.76	−41 5.1	0.615	1.393	39.9	20.8

177204 2003 UP_{96} 8 20.9 308°.27 1°.7/19.6 18

7 20	22 21.26	−11 49.6	1.245	2.155	15.8	19.7
7 30	22 17.37	−12 54.5	1.171	2.136	11.4	19.4
8 9	22 10.85	−14 15.4	1.118	2.117	6.3	19.1
8 19	22 2.47	−15 44.5	1.088	2.099	1.8	18.7
8 29	21 53.47	−17 11.0	1.082	2.081	5.8	18.9
9 8	21 45.35	−18 24.6	1.100	2.063	11.3	19.2
9 18	21 39.42	−19 18.1	1.139	2.046	16.3	19.4
9 28	21 36.61	−19 48.0	1.196	2.030	20.5	19.6

388625 2007 TQ_{52} 8 20.9 349°.19 3°.1/23.5 18

7 20	22 20.97	− 2 9.4	1.676	2.544	14.7	20.8
7 30	22 16.42	− 2 21.9	1.606	2.542	11.2	20.5
8 9	22 9.97	− 2 51.7	1.558	2.540	7.3	20.3
8 19	22 2.30	− 3 36.5	1.534	2.538	3.7	20.1
8 29	21 54.36	− 4 31.3	1.536	2.536	4.0	20.1
9 8	21 47.18	− 5 29.8	1.564	2.535	7.7	20.3
9 18	21 41.64	− 6 25.7	1.617	2.534	11.6	20.6
9 28	21 38.40	− 7 13.7	1.691	2.534	15.0	20.8

514387 2016 RS_{45} 8 20.9 288°.66 2°.8/18.6 18

7 20	22 23.13	−17 13.6	1.785	2.686	12.3	21.7
7 30	22 18.02	−18 3.1	1.711	2.672	8.8	21.5
8 9	22 10.91	−18 57.4	1.661	2.658	5.1	21.2
8 19	22 2.46	−19 50.4	1.637	2.644	2.8	21.1
8 29	21 53.66	−20 35.5	1.640	2.631	5.4	21.2
9 8	21 45.60	−21 7.5	1.669	2.617	9.4	21.4
9 18	21 39.22	−21 23.6	1.721	2.603	13.1	21.6
9 28	21 35.22	−21 23.0	1.794	2.590	16.2	21.8

242682 2005 SW_{230} 8 20.9 19°.71 0°.8/21.8 18

7 20	22 17.86	− 7 41.6	2.415	3.291	10.5	20.3
7 30	22 13.66	− 8 4.7	2.352	3.297	7.6	20.1
8 9	22 8.21	− 8 36.5	2.313	3.304	4.4	19.9
8 19	22 2.00	− 9 14.2	2.301	3.311	1.2	19.7
8 29	21 55.68	− 9 53.9	2.317	3.319	2.6	19.8
9 8	21 49.91	−10 31.9	2.360	3.327	5.8	20.0
9 18	21 45.28	−11 4.9	2.430	3.335	8.8	20.2
9 28	21 42.22	−11 30.4	2.523	3.344	11.4	20.4

479010 2012 XO_{147} 8 20.9 257°.11 3°.9/17.3 18

7 20	22 23.20	−20 22.2	1.853	2.755	11.9	21.1
7 30	22 17.92	−21 26.5	1.795	2.754	8.5	20.9
8 9	22 10.76	−22 32.2	1.761	2.754	5.3	20.7
8 19	22 2.42	−23 32.4	1.753	2.753	4.0	20.6
8 29	21 53.88	−24 20.6	1.772	2.753	6.3	20.7
9 8	21 46.16	−24 52.3	1.817	2.752	9.6	20.9
9 18	21 40.13	−25 5.7	1.886	2.751	12.9	21.1
9 28	21 36.39	−25 1.2	1.974	2.751	15.6	21.3

295386 2008 JE_4 8 20.9 306°.86 2°.1/18.6 18

7 20	22 19.79	−15 19.0	2.098	2.994	11.0	20.1
7 30	22 15.33	−16 24.1	2.029	2.988	7.7	19.9
8 9	22 9.27	−17 35.2	1.985	2.982	4.3	19.6
8 19	22 2.18	−18 46.7	1.968	2.976	2.1	19.5
8 29	21 54.86	−19 52.4	1.979	2.970	4.6	19.6
9 8	21 48.14	−20 46.9	2.017	2.964	8.0	19.8
9 18	21 42.78	−21 27.0	2.080	2.959	11.3	20.0
9 28	21 39.35	−21 51.1	2.164	2.953	14.0	20.2

343933 2011 KE_{14} 8 20.9 18°.39 1°.9/22.3 17

7 20	22 20.69	− 5 19.4	1.377	2.267	16.0	20.2
7 30	22 16.45	− 5 45.7	1.320	2.271	11.8	20.0
8 9	22 10.05	− 6 29.6	1.285	2.276	7.1	19.8
8 19	22 2.31	− 7 26.5	1.272	2.282	2.5	19.5
8 29	21 54.37	− 8 29.6	1.285	2.288	3.9	19.6
9 8	21 47.42	− 9 30.8	1.322	2.295	8.6	19.9
9 18	21 42.42	−10 23.6	1.383	2.303	13.0	20.2
9 28	21 40.03	−11 3.4	1.463	2.311	16.7	20.4

428583 2008 EE_{10} 8 20.9 237°.27 2°.7/18.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 26.36	−16 17.5	1.720	2.616	13.0	22.6
7 30	22 20.43	−17 12.6	1.646	2.604	9.3	22.4
8 9	22 12.30	−18 14.0	1.596	2.592	5.3	22.1
8 19	22 2.70	−19 14.8	1.571	2.579	2.7	21.9
8 29	21 52.70	−20 7.9	1.574	2.565	5.5	22.1
9 8	21 43.48	−20 47.3	1.603	2.551	9.7	22.3
9 18	21 36.08	−21 9.9	1.656	2.536	13.6	22.5
9 28	21 31.26	−21 14.9	1.729	2.521	16.9	22.7

122498 2000 QL_{186} 8 20.9 32°.03 5°.4/18.5 17

7 20	22 28.61	−21 40.4	0.921	1.847	18.4	18.3
7 30	22 22.69	−22 6.0	0.890	1.861	13.3	18.1
8 9	22 13.63	−22 29.0	0.879	1.876	8.1	17.9
8 19	22 2.88	−22 40.1	0.888	1.893	5.4	17.8
8 29	21 52.34	−22 32.5	0.919	1.910	8.4	18.0
9 8	21 43.80	−22 4.0	0.971	1.928	13.2	18.3
9 18	21 38.38	−21 16.7	1.043	1.948	17.6	18.7
9 28	21 36.62	−20 14.3	1.131	1.968	21.3	19.0

98663 2000 WO_{156} 8 20.9 132°.66 1°.3/21.7 18

7 20	22 28.05	− 8 15.7	1.458	2.343	15.6	19.4
7 30	22 21.67	− 8 16.3	1.397	2.347	11.4	19.2
8 9	22 12.96	− 8 29.1	1.358	2.350	6.7	18.9
8 19	22 2.81	− 8 50.5	1.344	2.354	1.9	18.6
8 29	21 52.43	− 9 15.6	1.355	2.357	4.0	18.8
9 8	21 43.14	− 9 39.0	1.392	2.360	8.8	19.1
9 18	21 35.96	− 9 56.5	1.453	2.363	13.2	19.3
9 28	21 31.60	−10 5.1	1.535	2.366	16.9	19.6

145596 2006 QS_3 8 20.9 4°.01 0°.4/21.2 18

7 20	22 18.55	− 9 4.5	1.260	2.167	15.9	18.9
7 30	22 15.09	− 9 30.5	1.204	2.166	11.5	18.7
8 9	22 9.37	−10 11.0	1.170	2.167	6.6	18.4
8 19	22 2.23	−11 0.6	1.158	2.169	1.3	18.1
8 29	21 54.86	−11 52.0	1.169	2.172	4.2	18.3
9 8	21 48.52	−12 37.7	1.205	2.177	9.3	18.6
9 18	21 44.23	−13 12.0	1.262	2.183	13.9	18.9
9 28	21 42.66	−13 31.3	1.338	2.191	17.7	19.2

126718 2002 CK_{248} 8 20.9 272°.08 1°.2/21.9 18

7 20	22 21.92	− 6 7.7	1.717	2.596	13.9	19.9
7 30	22 17.12	− 6 44.1	1.644	2.590	10.2	19.7
8 9	22 10.40	− 7 35.4	1.594	2.585	6.1	19.4
8 19	22 2.41	− 8 37.4	1.569	2.579	1.8	19.2
8 29	21 54.11	− 9 44.0	1.571	2.574	3.5	19.3
9 8	21 46.55	−10 48.4	1.600	2.568	7.9	19.5
9 18	21 40.62	−11 44.6	1.653	2.562	11.9	19.8
9 28	21 37.00	−12 28.6	1.728	2.557	15.4	20.0

472219 2014 FB 8 20.9 25°.41 20°.4/30.8 17

7 20	22 26.61	−45 39.7	0.874	1.780	21.2	19.5
7 30	22 23.06	−49 46.8	0.869	1.784	20.4	19.5
8 9	22 14.75	−53 9.8	0.882	1.787	20.9	19.5
8 19	22 3.16	−55 28.8	0.912	1.792	22.5	19.6
8 29	21 51.10	−56 35.1	0.956	1.797	24.6	19.8
9 8	21 41.62	−56 33.1	1.012	1.803	26.7	20.0
9 18	21 36.64	−55 34.9	1.077	1.809	28.6	20.2
9 28	21 36.85	−53 53.6	1.151	1.816	30.1	20.4

5459 Saraburger 8 20.9 27°.84 1°.7/19.4 18

7 20	22 22.20	−14 40.2	1.852	2.749	12.2	17.1
7 30	22 17.14	−15 22.8	1.792	2.751	8.6	16.9
8 9	22 10.31	−16 11.3	1.756	2.754	4.8	16.6
8 19	22 2.38	−17 0.2	1.746	2.756	1.7	16.4
8 29	21 54.29	−17 43.8	1.763	2.759	4.4	16.6
9 8	21 46.99	−18 17.4	1.807	2.762	8.2	16.9
9 18	21 41.29	−18 38.1	1.875	2.765	11.8	17.1
9 28	21 37.76	−18 44.8	1.964	2.768	14.7	17.3

106721 2000 WJ_{177} 8 20.9 350°.40 4°.0/17.4 18 R

7 20	22 20.55	−19 49.4	1.667	2.577	12.5	18.6
7 30	22 16.22	−20 52.7	1.609	2.573	9.0	18.4
8 9	22 9.90	−21 58.4	1.573	2.568	5.5	18.2
8 19	22 2.34	−22 59.3	1.562	2.564	4.1	18.1
8 29	21 54.53	−23 48.1	1.578	2.561	6.5	18.2
9 8	21 47.58	−24 19.9	1.618	2.559	10.2	18.4
9 18	21 42.38	−24 32.3	1.681	2.557	13.6	18.7
9 28	21 39.58	−24 25.7	1.763	2.556	16.6	18.9

381827 2009 VD_{103} 8 20.9 196°.96 3°.8/17.3 18

7 20	22 24.85	−20 25.6	2.035	2.931	11.3	21.5
7 30	22 19.03	−21 33.9	1.972	2.929	8.1	21.3
8 9	22 11.38	−22 43.6	1.934	2.926	5.0	21.1
8 19	22 2.57	−23 48.3	1.923	2.923	3.9	21.0
8 29	21 53.53	−24 41.4	1.941	2.919	6.0	21.1
9 8	21 45.23	−25 18.5	1.985	2.915	9.2	21.3
9 18	21 38.51	−25 37.9	2.053	2.910	12.3	21.5
9 28	21 33.99	−25 39.6	2.142	2.905	15.0	21.7

336129 2008 PD_8 8 20.9 33°.09 4°.9/24.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 23.99	− 0 40.8	1.344	2.215	17.5	20.2
7 30	22 18.82	− 0 18.1	1.289	2.223	13.5	20.0
8 9	22 11.40	− 0 15.9	1.255	2.232	9.2	19.8
8 19	22 2.58	− 0 33.0	1.243	2.242	5.6	19.6
8 29	21 53.59	− 1 5.3	1.256	2.253	5.5	19.6
9 8	21 45.69	− 1 46.3	1.293	2.264	9.0	19.8
9 18	21 39.89	− 2 29.0	1.352	2.275	13.0	20.1
9 28	21 36.84	− 3 7.3	1.433	2.287	16.6	20.4

123161 2000 TD_{47} 8 20.9 273°.91 2°.7/18.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 24.08	−16 27.6	1.727	2.626	12.7	20.2
7 30	22 18.81	−17 20.3	1.651	2.611	9.1	20.0
8 9	22 11.43	−18 19.2	1.598	2.595	5.2	19.7
8 19	22 2.61	−19 17.8	1.572	2.579	2.7	19.5
8 29	21 53.39	−20 9.0	1.572	2.563	5.5	19.7
9 8	21 44.91	−20 47.0	1.598	2.547	9.6	19.9
9 18	21 38.16	−21 8.5	1.647	2.531	13.5	20.1
9 28	21 33.91	−21 12.5	1.717	2.515	16.8	20.3

25394 1999 UQ_{48} 8 20.9 282°.60 1°.1/21.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 22.84	− 6 35.6	1.464	2.351	15.3	19.1
7 30	22 18.13	− 7 12.3	1.390	2.340	11.3	18.9
8 9	22 11.13	− 8 6.3	1.337	2.329	6.7	18.6
8 19	22 2.57	− 9 12.6	1.308	2.319	1.8	18.2
8 29	21 53.57	−10 24.2	1.305	2.308	4.0	18.4
9 8	21 45.39	−11 32.7	1.327	2.297	9.0	18.6
9 18	21 39.12	−12 31.2	1.373	2.286	13.6	18.9
9 28	21 35.55	−13 15.0	1.439	2.275	17.5	19.1

501822 2014 WF_{78} 8 20.9 213°.04 1°.8/19.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 26.29	−13 21.9	1.474	2.372	14.6	22.1
7 30	22 20.55	−14 14.3	1.409	2.368	10.4	21.9
8 9	22 12.45	−15 16.5	1.367	2.365	5.8	21.6
8 19	22 2.79	−16 21.3	1.350	2.360	1.8	21.3
8 29	21 52.79	−17 20.6	1.359	2.356	5.2	21.6
9 8	21 43.77	−18 7.4	1.394	2.351	9.9	21.8
9 18	21 36.82	−18 37.7	1.451	2.346	14.2	22.1
9 28	21 32.70	−18 50.2	1.529	2.341	17.9	22.3

292990 2006 VK_{171} 8 20.9 41°.15 7°.2/15.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 25.51	−25 9.7	1.287	2.203	15.0	19.8
7 30	22 20.16	−26 37.1	1.248	2.211	11.2	19.6
8 9	22 12.22	−28 0.0	1.231	2.219	8.0	19.4
8 19	22 2.73	−29 7.3	1.238	2.227	7.4	19.4
8 29	21 53.14	−29 50.3	1.269	2.236	9.8	19.6
9 8	21 44.94	−30 4.9	1.321	2.245	13.4	19.8
9 18	21 39.19	−29 52.0	1.394	2.255	16.8	20.1
9 28	21 36.55	−29 15.3	1.485	2.265	19.7	20.3

96075 6736 P–L 8 20.9 274°.81 3°.2/18.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 25.25	−18 7.8	1.671	2.572	13.0	19.4
7 30	22 19.68	−18 53.8	1.600	2.560	9.3	19.2
8 9	22 11.92	−19 43.7	1.552	2.548	5.5	18.9
8 19	22 2.71	−20 30.9	1.529	2.535	3.2	18.8
8 29	21 53.14	−21 8.6	1.534	2.523	5.9	18.9
9 8	21 44.41	−21 31.8	1.563	2.511	9.9	19.1
9 18	21 37.54	−21 38.1	1.616	2.498	13.8	19.3
9 28	21 33.26	−21 27.3	1.689	2.486	17.1	19.5

259922 2004 EV_{32} 8 20.9 210°.57 6°.1/25.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 25.35	+ 5 2.4	1.842	2.665	15.5	21.1
7 30	22 19.53	+ 5 23.3	1.762	2.661	12.5	20.9
8 9	22 11.76	+ 5 24.1	1.703	2.655	9.4	20.7
8 19	22 2.68	+ 5 4.4	1.669	2.650	6.8	20.5
8 29	21 53.24	+ 4 26.3	1.661	2.644	6.3	20.5
9 8	21 44.49	+ 3 34.8	1.679	2.638	8.4	20.6
9 18	21 37.32	+ 2 36.2	1.722	2.631	11.6	20.8
9 28	21 32.45	+ 1 37.3	1.787	2.623	14.7	21.0

79311 1996 AO_{12} 8 20.9 354°.49 4°.7/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 20.51	− 0 21.5	1.228	2.108	18.2	18.5
7 30	22 16.64	− 0 19.7	1.165	2.104	14.1	18.2
8 9	22 10.36	− 0 41.9	1.120	2.101	9.6	18.0
8 19	22 2.47	− 1 26.4	1.097	2.099	5.5	17.8
8 29	21 54.22	− 2 27.6	1.098	2.098	5.4	17.8
9 8	21 46.97	− 3 36.6	1.122	2.097	9.4	18.0
9 18	21 41.84	− 4 44.6	1.167	2.097	14.0	18.2
9 28	21 39.61	− 5 43.5	1.233	2.099	18.0	18.5

268822 2006 VQ_{101} 8 20.9 291°.50 6°.5/16.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 26.45	−24 9.2	1.449	2.358	14.1	19.9
7 30	22 21.10	−25 25.3	1.372	2.333	10.6	19.6
8 9	22 13.00	−26 42.1	1.319	2.307	7.4	19.4
8 19	22 2.93	−27 49.6	1.289	2.281	6.7	19.2
8 29	21 52.20	−28 37.5	1.284	2.255	9.3	19.3
9 8	21 42.35	−28 59.6	1.303	2.229	13.3	19.5
9 18	21 34.72	−28 54.1	1.342	2.203	17.3	19.7
9 28	21 30.28	−28 23.1	1.398	2.178	20.8	19.8

335105 2004 TJ_{150} 8 20.9 288°.90 2°.1/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 22.52	− 4 42.6	1.659	2.534	14.5	21.5
7 30	22 17.65	− 5 0.3	1.583	2.526	10.8	21.3
8 9	22 10.76	− 5 33.8	1.530	2.517	6.7	21.0
8 19	22 2.53	− 6 19.9	1.501	2.509	2.7	20.8
8 29	21 53.95	− 7 13.5	1.498	2.500	3.7	20.8
9 8	21 46.10	− 8 8.0	1.522	2.492	8.0	21.1
9 18	21 39.95	− 8 57.8	1.570	2.484	12.1	21.3
9 28	21 36.19	− 9 37.8	1.639	2.476	15.7	21.5

3386 Klementinum 8 20.9 312°.50 0°.4/21.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 21.23	− 8 41.4	1.825	2.710	12.9	16.9
7 30	22 16.56	− 9 12.0	1.751	2.702	9.4	16.7
8 9	22 10.08	− 9 54.1	1.701	2.695	5.4	16.4
8 19	22 2.42	−10 43.5	1.676	2.687	1.1	16.1
8 29	21 54.47	−11 34.9	1.678	2.680	3.4	16.3
9 8	21 47.21	−12 22.6	1.707	2.673	7.7	16.5
9 18	21 41.48	−13 1.9	1.761	2.667	11.5	16.8
9 28	21 37.93	−13 29.8	1.836	2.660	14.8	17.0

193536 2000 YT_{109} 8 20.9 238°.73 3°.7/17.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 23.93	−19 36.3	1.971	2.869	11.5	20.4
7 30	22 18.50	−20 45.5	1.901	2.859	8.2	20.2
8 9	22 11.17	−21 57.6	1.856	2.849	5.1	19.9
8 19	22 2.60	−23 5.9	1.837	2.838	3.7	19.8
8 29	21 53.71	−24 3.6	1.846	2.827	6.0	20.0
9 8	21 45.52	−24 45.6	1.882	2.816	9.4	20.1
9 18	21 38.89	−25 9.5	1.941	2.804	12.7	20.3
9 28	21 34.51	−25 15.0	2.021	2.792	15.5	20.5

220259 2002 YD_9 8 20.9 256°.14 1°.4/19.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 25.12	−13 20.9	1.724	2.616	13.1	20.8
7 30	22 19.57	−14 4.8	1.645	2.601	9.4	20.6
8 9	22 11.88	−14 57.4	1.589	2.586	5.2	20.3
8 19	22 2.74	−15 53.1	1.560	2.571	1.5	20.0
8 29	21 53.17	−16 45.2	1.557	2.555	4.6	20.2
9 8	21 44.32	−17 27.7	1.581	2.538	9.0	20.4
9 18	21 37.21	−17 56.5	1.630	2.521	13.1	20.6
9 28	21 32.60	−18 9.9	1.698	2.504	16.6	20.8

393297 2013 YW_{65} 8 20.9 256°.42 6°.5/16.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 33.01	−28 50.8	1.745	2.636	13.1	20.4
7 30	22 25.19	−29 20.6	1.681	2.627	10.0	20.2
8 9	22 14.95	−29 42.0	1.640	2.619	7.4	20.0
8 19	22 3.22	−29 48.1	1.626	2.610	6.6	19.9
8 29	21 51.32	−29 33.4	1.637	2.601	8.4	20.0
9 8	21 40.59	−28 56.8	1.675	2.592	11.5	20.2
9 18	21 32.10	−28 0.1	1.736	2.582	14.7	20.4
9 28	21 26.53	−26 47.5	1.816	2.573	17.5	20.6

461448 2002 GV_{101} 8 20.9 76°.28 5°.1/17.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 30.64	−21 29.8	1.312	2.219	15.4	21.2
7 30	22 23.48	−22 33.2	1.284	2.245	11.0	21.0
8 9	22 13.89	−23 34.3	1.277	2.270	6.9	20.8
8 19	22 3.02	−24 23.9	1.296	2.296	5.2	20.8
8 29	21 52.35	−24 54.8	1.339	2.321	7.7	21.0
9 8	21 43.26	−25 3.8	1.407	2.346	11.6	21.3
9 18	21 36.72	−24 51.8	1.497	2.370	15.2	21.6
9 28	21 33.24	−24 21.6	1.605	2.394	18.1	21.9

196402 2003 GN_{34} 8 20.9 40°.40 6°.2/18.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 32.72	−26 3.8	1.227	2.136	16.1	19.3
7 30	22 25.06	−26 18.4	1.196	2.155	11.9	19.1
8 9	22 14.76	−26 24.5	1.187	2.176	7.9	18.9
8 19	22 3.15	−26 15.1	1.200	2.197	6.2	18.9
8 29	21 51.88	−25 45.9	1.239	2.219	8.4	19.1
9 8	21 42.45	−24 57.1	1.300	2.241	12.1	19.4
9 18	21 35.83	−23 52.2	1.384	2.264	15.8	19.6
9 28	21 32.50	−22 35.3	1.486	2.287	18.8	19.9

504946 2011 DV_{30} 8 20.9 233°.66 1°.0/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 25.79	−12 37.6	1.760	2.649	13.1	22.0
7 30	22 19.96	−13 15.4	1.685	2.640	9.4	21.8
8 9	22 12.05	−14 1.8	1.633	2.630	5.2	21.5
8 19	22 2.77	−14 51.5	1.608	2.619	1.2	21.2
8 29	21 53.13	−15 38.4	1.610	2.608	4.3	21.4
9 8	21 44.26	−16 16.9	1.639	2.597	8.6	21.6
9 18	21 37.11	−16 43.2	1.692	2.586	12.6	21.9
9 28	21 32.41	−16 55.5	1.766	2.573	16.0	22.1

67154 2000 AJ_{194} 8 20.9 247°.52 6°.8/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 20.87	+12 11.5	2.639	3.403	12.8	18.5
7 30	22 15.92	+12 39.1	2.547	3.393	11.0	18.4
8 9	22 9.59	+12 48.8	2.477	3.383	9.0	18.2
8 19	22 2.36	+12 39.6	2.431	3.372	7.4	18.1
8 29	21 54.84	+12 12.0	2.410	3.361	6.8	18.1
9 8	21 47.74	+11 29.1	2.416	3.351	7.6	18.1
9 18	21 41.68	+10 35.0	2.449	3.340	9.3	18.2
9 28	21 37.21	+ 9 34.9	2.505	3.328	11.3	18.3

254969 2005 SO_{229} 8 20.9 256.°68 0.°5/21.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 21.43	− 8 38.4	2.180	3.056	11.4	21.8
7 30	22 16.45	− 9 4.6	2.104	3.050	8.3	21.6
8 9	22 9.93	− 9 40.1	2.052	3.044	4.8	21.4
8 19	22 2.41	−10 21.8	2.027	3.038	1.1	21.1
8 29	21 54.66	−11 5.3	2.030	3.032	3.0	21.3
9 8	21 47.50	−11 46.0	2.061	3.025	6.7	21.5
9 18	21 41.64	−12 20.2	2.118	3.019	10.1	21.7
9 28	21 37.64	−12 45.3	2.197	3.012	13.0	21.9

346710 2008 YZ_{166} 8 20.9 299.°11 7.°8/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 28.60	+ 5 32.8	1.782	2.599	16.1	20.0
7 30	22 22.00	+ 6 51.2	1.701	2.591	13.4	19.8
8 9	22 13.24	+ 7 52.4	1.642	2.583	10.5	19.6
8 19	22 2.99	+ 8 33.3	1.607	2.576	8.3	19.5
8 29	21 52.28	+ 8 53.0	1.598	2.568	7.9	19.4
9 8	21 42.26	+ 8 53.6	1.615	2.561	9.8	19.5
9 18	21 33.96	+ 8 39.7	1.656	2.553	12.6	19.7
9 28	21 28.15	+ 8 17.3	1.719	2.546	15.5	19.9

225787 2001 UV_{43} 8 20.9 261.°50 1.°1/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 23.34	− 6 35.6	1.755	2.632	13.7	21.0
7 30	22 18.24	− 7 7.6	1.672	2.618	10.1	20.8
8 9	22 11.13	− 7 54.1	1.612	2.603	6.0	20.5
8 19	22 2.64	− 8 51.2	1.577	2.587	1.8	20.2
8 29	21 53.72	− 9 53.2	1.570	2.572	3.6	20.3
9 8	21 45.46	−10 53.4	1.589	2.556	8.0	20.5
9 18	21 38.80	−11 46.3	1.633	2.540	12.2	20.7
9 28	21 34.49	−12 27.3	1.698	2.523	15.8	20.9

298208 2002 TS_{318} 8 20.9 285.°02 2.°7/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 21.31	− 2 9.2	1.885	2.746	13.6	21.2
7 30	22 16.54	− 2 30.9	1.813	2.745	10.3	20.9
8 9	22 10.04	− 3 8.8	1.764	2.745	6.7	20.7
8 19	22 2.44	− 4 0.1	1.740	2.744	3.3	20.5
8 29	21 54.60	− 5 0.0	1.743	2.743	3.6	20.5
9 8	21 47.45	− 6 2.5	1.773	2.742	7.1	20.8
9 18	21 41.76	− 7 1.9	1.828	2.741	10.7	21.0
9 28	21 38.16	− 7 53.3	1.906	2.741	13.9	21.2

233331 2006 BP_{282} 8 20.9 184.°93 1.°4/19.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 25.54	−14 20.5	1.951	2.839	12.0	21.6
7 30	22 19.52	−14 53.2	1.885	2.840	8.6	21.4
8 9	22 11.68	−15 31.5	1.843	2.839	4.7	21.2
8 19	22 2.72	−16 10.5	1.828	2.839	1.4	21.0
8 29	21 53.55	−16 45.0	1.841	2.838	4.1	21.2
9 8	21 45.17	−17 10.8	1.882	2.837	8.0	21.4
9 18	21 38.39	−17 25.4	1.947	2.835	11.5	21.6
9 28	21 33.81	−17 27.7	2.034	2.833	14.5	21.8

509040 2005 SK_{120} 8 20.9 282.°45 1.°2/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 25.29	−13 4.3	1.589	2.484	13.9	21.9
7 30	22 19.88	−13 34.2	1.507	2.465	10.0	21.6
8 9	22 12.16	−14 13.1	1.448	2.445	5.6	21.3
8 19	22 2.83	−14 55.8	1.415	2.426	1.3	21.0
8 29	21 52.99	−15 35.7	1.407	2.406	4.6	21.1
9 8	21 43.90	−16 7.0	1.425	2.386	9.4	21.4
9 18	21 36.67	−16 25.6	1.467	2.366	13.8	21.6
9 28	21 32.14	−16 29.7	1.529	2.346	17.6	21.8

420306 2011 YZ_{23} 8 20.9 35.°96 0.°5/20.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 25.84	−11 9.9	1.232	2.135	16.5	20.8
7 30	22 20.44	−11 39.0	1.177	2.138	11.9	20.5
8 9	22 12.46	−12 20.3	1.143	2.141	6.6	20.2
8 19	22 2.86	−13 7.5	1.133	2.144	1.1	19.9
8 29	21 53.02	−13 52.7	1.147	2.148	4.8	20.2
9 8	21 44.40	−14 29.0	1.184	2.152	10.1	20.5
9 18	21 38.15	−14 51.7	1.244	2.156	14.8	20.8
9 28	21 34.98	−14 58.9	1.323	2.160	18.8	21.0

293406 2007 EH_{82} 8 20.9 158.°65 5.°4/15.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 24.45	−28 40.1	2.401	3.292	10.0	20.3
7 30	22 18.53	−29 32.4	2.348	3.294	7.6	20.2
8 9	22 11.03	−30 19.1	2.321	3.296	5.8	20.1
8 19	22 2.60	−30 54.8	2.321	3.297	5.5	20.1
8 29	21 54.06	−31 15.3	2.348	3.299	7.0	20.2
9 8	21 46.27	−31 18.5	2.401	3.300	9.3	20.3
9 18	21 39.94	−31 4.4	2.478	3.302	11.5	20.5
9 28	21 35.59	−30 34.6	2.575	3.303	13.6	20.6

78409 2002 QR_{19} 8 20.9 286.°05 0.°8/21.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 20.52	− 6 28.8	1.854	2.732	13.0	19.6
7 30	22 16.14	− 7 18.7	1.769	2.716	9.6	19.3
8 9	22 9.92	− 8 23.7	1.708	2.700	5.6	19.1
8 19	22 2.46	− 9 39.6	1.673	2.684	1.4	18.8
8 29	21 54.59	−10 59.8	1.665	2.667	3.4	18.9
9 8	21 47.31	−12 17.3	1.684	2.651	7.7	19.1
9 18	21 41.49	−13 25.8	1.729	2.635	11.7	19.3
9 28	21 37.82	−14 20.8	1.795	2.618	15.1	19.5

434090 2002 CF_{217} 8 20.9 101.°49 0.°3/20.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 22.90	− 8 42.2	1.851	2.733	12.9	20.8
7 30	22 17.58	− 9 56.3	1.800	2.750	9.2	20.6
8 9	22 10.57	−11 21.8	1.773	2.768	5.1	20.4
8 19	22 2.54	−12 52.3	1.773	2.784	0.8	20.1
8 29	21 54.41	−14 20.5	1.801	2.801	3.6	20.4
9 8	21 47.11	−15 39.4	1.857	2.817	7.7	20.6
9 18	21 41.40	−16 44.3	1.939	2.833	11.2	20.9
9 28	21 37.82	−17 32.7	2.043	2.849	14.2	21.1

401618 2013 GK_{53} 8 20.9 338.°92 0.°6/20.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 19.14	−10 54.0	1.903	2.796	12.1	20.1
7 30	22 15.02	−11 42.4	1.833	2.789	8.7	19.8
8 9	22 9.22	−12 40.6	1.786	2.782	4.8	19.6
8 19	22 2.34	−13 43.9	1.765	2.776	0.8	19.3
8 29	21 55.19	−14 46.0	1.771	2.771	3.7	19.5
9 8	21 48.70	−15 41.2	1.804	2.766	7.7	19.7
9 18	21 43.65	−16 25.2	1.862	2.761	11.3	20.0
9 28	21 40.63	−16 55.2	1.941	2.757	14.4	20.2

10879 1996 VM_{3} 8 20.9 334.°54 0.°6/21.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 21.67	− 8 40.2	1.868	2.751	12.7	17.5
7 30	22 16.83	− 9 1.9	1.798	2.748	9.3	17.3
8 9	22 10.23	− 9 34.2	1.751	2.744	5.3	17.0
8 19	22 2.51	−10 13.4	1.729	2.740	1.2	16.8
8 29	21 54.55	−10 54.7	1.735	2.737	3.3	16.9
9 8	21 47.29	−11 33.0	1.768	2.734	7.4	17.2
9 18	21 41.55	−12 4.3	1.825	2.732	11.1	17.4
9 28	21 37.94	−12 25.6	1.904	2.729	14.3	17.6

115063 2003 RU_{14} 8 20.9 286.°78 2.°8/19.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 27.07	−16 21.8	1.405	2.310	14.8	19.7
7 30	22 21.54	−17 0.6	1.323	2.285	10.7	19.4
8 9	22 13.28	−17 46.5	1.263	2.260	6.1	19.1
8 19	22 3.06	−18 32.7	1.227	2.235	2.8	18.8
8 29	21 52.15	−19 11.0	1.216	2.210	6.1	18.9
9 8	21 42.06	−19 34.8	1.229	2.185	11.2	19.1
9 18	21 34.13	−19 40.6	1.265	2.160	15.9	19.3
9 28	21 29.33	−19 27.6	1.319	2.135	20.0	19.5

372812 2010 TA_{113} 8 20.9 113.°50 3.°1/18.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 29.16	−17 55.3	1.465	2.366	14.5	21.1
7 30	22 22.48	−18 33.6	1.415	2.375	10.3	20.9
8 9	22 13.45	−19 14.8	1.387	2.383	5.9	20.7
8 19	22 3.03	−19 51.7	1.384	2.391	3.1	20.5
8 29	21 52.51	−20 17.8	1.407	2.399	6.0	20.7
9 8	21 43.22	−20 28.8	1.456	2.407	10.2	21.0
9 18	21 36.17	−20 23.5	1.528	2.414	14.1	21.2
9 28	21 32.00	−20 2.8	1.619	2.421	17.4	21.5

15514 1999 VW_{24} 8 20.9 172.°92 7.°8/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 21.42	+15 49.4	2.656	3.392	13.4	17.3
7 30	22 16.29	+16 24.5	2.575	3.393	11.7	17.2
8 9	22 9.80	+16 40.1	2.515	3.394	9.9	17.1
8 19	22 2.44	+16 34.9	2.477	3.395	8.4	17.0
8 29	21 54.86	+16 9.4	2.465	3.396	7.8	17.0
9 8	21 47.74	+15 26.2	2.479	3.396	8.2	17.0
9 18	21 41.72	+14 29.9	2.518	3.397	9.6	17.1
9 28	21 37.30	+13 25.9	2.580	3.397	11.3	17.2

294093 2007 TJ_{216} 8 20.9 328.°42 6.°8/16.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 25.52	−26 40.8	1.473	2.383	13.9	20.0
7 30	22 20.22	−27 31.1	1.410	2.368	10.5	19.8
8 9	22 12.39	−28 16.5	1.368	2.353	7.6	19.6
8 19	22 2.91	−28 48.3	1.351	2.340	6.9	19.5
8 29	21 53.09	−28 59.3	1.357	2.326	9.2	19.6
9 8	21 44.34	−28 45.8	1.387	2.314	12.6	19.8
9 18	21 37.83	−28 8.6	1.438	2.302	16.2	20.0
9 28	21 34.31	−27 10.7	1.507	2.292	19.3	20.2

342525 2008 UG_{205} 8 20.9 329.°35 12.°6/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 20.34	−35 1.8	1.245	2.162	15.4	20.0
7 30	22 17.24	−37 41.4	1.195	2.141	13.3	19.8
8 9	22 11.08	−40 10.4	1.167	2.120	12.6	19.7
8 19	22 2.73	−42 12.3	1.160	2.101	13.7	19.7
8 29	21 53.71	−43 34.2	1.174	2.082	16.2	19.8
9 8	21 45.84	−44 10.2	1.206	2.065	19.2	20.0
9 18	21 40.63	−44 1.7	1.253	2.049	22.1	20.1
9 28	21 39.08	−43 14.6	1.314	2.034	24.6	20.3

298212 2002 TD_{354} 8 20.9 5.°67 3.°1/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 21.55	− 2 6.4	1.747	2.612	14.3	21.0
7 30	22 16.82	− 2 18.7	1.679	2.612	10.9	20.8
8 9	22 10.27	− 2 47.8	1.632	2.613	7.1	20.6
8 19	22 2.54	− 3 31.1	1.609	2.613	3.7	20.4
8 29	21 54.58	− 4 24.1	1.614	2.614	3.9	20.4
9 8	21 47.36	− 5 20.5	1.644	2.615	7.5	20.6
9 18	21 41.73	− 6 14.5	1.699	2.616	11.2	20.8
9 28	21 38.31	− 7 1.1	1.777	2.617	14.5	21.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
416487 2003 WL_{152}			8 20.9 280°67		2°7/18.8 18	
	h m	° ′			°	m
7 20	22 23.52	−14 27.8	1.417	2.323	14.6	20.5
7 30	22 18.77	−15 41.0	1.349	2.312	10.4	20.2
8 9	22 11.60	−17 4.9	1.304	2.302	5.8	19.9
8 19	22 2.79	−18 31.1	1.283	2.292	2.7	19.7
8 29	21 53.54	−19 49.7	1.288	2.281	6.0	19.9
9 8	21 45.19	−20 52.3	1.317	2.271	10.8	20.2
9 18	21 38.88	−21 34.2	1.369	2.261	15.1	20.4
9 28	21 35.44	−21 53.8	1.440	2.251	18.8	20.6
511090 2013 TF_{121}			8 20.9 17°52		3°2/23.3 17	
7 20	22 22.14	− 2 41.6	1.277	2.161	17.4	21.1
7 30	22 17.73	− 2 56.5	1.219	2.163	13.2	20.9
8 9	22 10.95	− 3 32.7	1.180	2.166	8.4	20.6
8 19	22 2.68	− 4 26.9	1.163	2.169	4.0	20.4
8 29	21 54.12	− 5 32.1	1.171	2.173	4.5	20.4
9 8	21 46.62	− 6 39.7	1.203	2.178	9.1	20.7
9 18	21 41.22	− 7 41.8	1.258	2.183	13.6	21.0
9 28	21 38.66	− 8 32.0	1.333	2.188	17.6	21.2
260281 2004 TT_{31}			8 20.9 346°98		7°5/15.2 18	
7 20	22 25.59	−31 0.1	1.735	2.636	12.6	19.4
7 30	22 19.91	−31 48.8	1.681	2.629	10.0	19.3
8 9	22 12.04	−32 28.4	1.650	2.622	7.9	19.1
8 19	22 2.84	−32 51.4	1.643	2.617	7.7	19.1
8 29	21 53.49	−32 52.3	1.662	2.612	9.4	19.2
9 8	21 45.21	−32 29.4	1.703	2.608	12.1	19.4
9 18	21 38.95	−31 44.1	1.767	2.604	14.9	19.5
9 28	21 35.34	−30 40.0	1.849	2.601	17.4	19.7
324077 2005 WU_{58}			8 20.9 250°85		6°3/27.8 18	
7 20	22 21.67	+11 1.4	2.786	3.553	12.2	21.2
7 30	22 16.50	+11 24.8	2.684	3.535	10.3	21.0
8 9	22 9.97	+11 31.5	2.605	3.516	8.4	20.9
8 19	22 2.51	+11 20.8	2.549	3.497	6.8	20.8
8 29	21 54.73	+10 53.3	2.521	3.478	6.3	20.7
9 8	21 47.30	+10 11.6	2.520	3.458	7.2	20.7
9 18	21 40.84	+ 9 19.6	2.546	3.437	9.0	20.8
9 28	21 35.89	+ 8 22.2	2.596	3.416	11.1	20.9
39439 2242 $T\text{-}_3$			8 20.9 2°94		2°5/19.1 18	
7 20	22 24.11	−18 10.6	1.810	2.709	12.2	18.4
7 30	22 18.60	−18 29.7	1.749	2.709	8.7	18.2
8 9	22 11.22	−18 50.6	1.713	2.709	5.0	18.0
8 19	22 2.71	−19 8.5	1.702	2.710	2.5	17.8
8 29	21 54.05	−19 18.7	1.718	2.711	4.9	18.0
9 8	21 46.27	−19 18.2	1.760	2.712	8.6	18.2
9 18	21 40.20	−19 5.7	1.826	2.714	12.1	18.4
9 28	21 36.43	−18 41.1	1.913	2.717	15.1	18.6
427511 2002 EA_{35}			8 20.9 113°87		6°2/16.5 16	
7 20	22 30.37	−28 3.8	1.807	2.701	12.6	21.0
7 30	22 23.08	−28 48.5	1.761	2.710	9.5	20.8
8 9	22 13.68	−29 25.8	1.740	2.719	7.0	20.7
8 19	22 3.11	−29 49.0	1.744	2.727	6.3	20.7
8 29	21 52.53	−29 53.0	1.775	2.736	8.1	20.8
9 8	21 43.13	−29 36.3	1.831	2.744	10.9	21.0
9 18	21 35.81	−29 0.4	1.910	2.752	13.7	21.2
9 28	21 31.13	−28 8.4	2.009	2.760	16.2	21.4
14021 1994 PL_{20}			8 20.9 194°72		0°5/21.3 18	
7 20	22 24.80	− 8 15.5	1.802	2.681	13.3	19.8
7 30	22 19.16	− 8 52.5	1.732	2.679	9.7	19.6
8 9	22 11.59	− 9 41.6	1.685	2.677	5.6	19.3
8 19	22 2.79	−10 38.2	1.664	2.675	1.2	19.0
8 29	21 53.71	−11 36.5	1.670	2.672	3.5	19.2
9 8	21 45.39	−12 30.4	1.704	2.669	7.8	19.4
9 18	21 38.72	−13 15.1	1.763	2.665	11.7	19.7
9 28	21 34.35	−13 47.4	1.844	2.661	15.1	19.9
280560 2004 RF_{317}			8 20.9 313°38		5°0/24.5 18	
7 20	22 22.71	+ 0 48.1	1.566	2.423	16.1	20.3
7 30	22 17.94	+ 1 2.1	1.490	2.415	12.7	20.0
8 9	22 11.04	+ 0 56.3	1.434	2.406	8.9	19.8
8 19	22 2.71	+ 0 31.2	1.402	2.398	5.7	19.6
8 29	21 53.98	− 0 9.9	1.394	2.389	5.4	19.6
9 8	21 46.00	− 1 0.9	1.412	2.382	8.6	19.7
9 18	21 39.79	− 1 55.1	1.454	2.374	12.5	19.9
9 28	21 36.09	− 2 45.8	1.517	2.367	16.1	20.1
318408 2005 AO_2			8 20.9 250°49		1°6/21.9 18	
7 20	22 28.14	− 7 40.0	1.512	2.392	15.3	20.6
7 30	22 21.96	− 7 37.5	1.435	2.382	11.4	20.4
8 9	22 13.35	− 7 47.4	1.380	2.371	6.8	20.1
8 19	22 3.10	− 8 7.0	1.350	2.360	2.2	19.8
8 29	21 52.39	− 8 31.5	1.346	2.348	4.0	19.9
9 8	21 42.55	− 8 55.8	1.368	2.336	8.9	20.1
9 18	21 34.72	− 9 15.3	1.414	2.324	13.5	20.4
9 28	21 29.71	− 9 26.3	1.480	2.312	17.4	20.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
497956 2006 XE_{19}			8 20.9 237°71		4°3/17.1 17	
	h m	° ′			°	m
7 20	22 25.73	−20 15.4	1.824	2.723	12.2	22.0
7 30	22 20.00	−21 32.8	1.752	2.710	8.8	21.8
8 9	22 12.17	−22 53.6	1.705	2.697	5.6	21.6
8 19	22 2.90	−24 9.7	1.685	2.684	4.3	21.5
8 29	21 53.23	−25 13.2	1.691	2.670	6.8	21.6
9 8	21 44.30	−25 58.5	1.724	2.655	10.3	21.8
9 18	21 37.10	−26 23.0	1.781	2.640	13.8	22.0
9 28	21 32.38	−26 26.9	1.857	2.624	16.8	22.1
351085 2003 UG_{112}			8 20.9 306°74		5°6/26.1 18	
7 20	22 19.29	+ 5 29.5	1.688	2.525	16.1	20.4
7 30	22 15.41	+ 5 11.3	1.602	2.510	13.0	20.2
8 9	22 9.61	+ 4 27.6	1.537	2.496	9.6	20.0
8 19	22 2.48	+ 3 19.3	1.495	2.483	6.6	19.7
8 29	21 54.93	+ 1 50.6	1.478	2.469	5.8	19.7
9 8	21 48.00	+ 0 9.4	1.487	2.456	8.3	19.8
9 18	21 42.61	− 1 35.3	1.521	2.443	11.9	20.0
9 28	21 39.51	− 3 14.6	1.577	2.431	15.4	20.2
478639 2012 TT_{194}			8 20.9 233°87		6°8/14.9 18	
7 20	22 27.22	−29 38.1	1.929	2.824	11.8	21.5
7 30	22 20.96	−30 44.5	1.873	2.819	9.2	21.3
8 9	22 12.61	−31 44.2	1.841	2.813	7.2	21.2
8 19	22 2.96	−32 29.6	1.834	2.807	7.0	21.2
8 29	21 53.09	−32 54.6	1.853	2.801	8.8	21.3
9 8	21 44.15	−32 56.6	1.898	2.795	11.4	21.4
9 18	21 37.08	−32 36.1	1.964	2.788	14.1	21.6
9 28	21 32.53	−31 55.8	2.049	2.782	16.5	21.8
463207 2012 CQ_{43}			8 20.9 74°07		0°1/21.0 17	
7 20	22 25.57	− 8 10.6	1.328	2.221	16.2	21.2
7 30	22 19.91	− 9 7.4	1.288	2.243	11.6	21.0
8 9	22 12.01	−10 18.8	1.269	2.265	6.5	20.8
8 19	22 2.84	−11 37.2	1.275	2.287	1.1	20.5
8 29	21 53.67	−12 53.8	1.307	2.308	4.2	20.8
9 8	21 45.76	−14 0.5	1.363	2.330	9.1	21.1
9 18	21 40.02	−14 51.9	1.443	2.351	13.4	21.4
9 28	21 37.05	−15 25.7	1.544	2.372	16.9	21.7
137290 1999 RK_{202}			8 20.9 271°89		1°8/22.1 18	
7 20	22 26.11	− 6 51.3	1.533	2.414	15.1	20.0
7 30	22 20.52	− 6 55.7	1.452	2.398	11.3	19.7
8 9	22 12.58	− 7 13.9	1.392	2.382	6.9	19.4
8 19	22 2.99	− 7 43.1	1.356	2.366	2.4	19.1
8 29	21 52.87	− 8 18.4	1.347	2.349	4.0	19.2
9 8	21 43.52	− 8 54.0	1.363	2.333	8.8	19.4
9 18	21 36.07	− 9 24.5	1.403	2.316	13.4	19.6
9 28	21 31.36	− 9 45.8	1.464	2.299	17.4	19.8
205861 2002 EA_{86}			8 20.9 73°33		1°8/22.3 17	
7 20	22 25.34	− 4 31.6	1.299	2.183	17.1	20.1
7 30	22 19.78	− 5 14.6	1.257	2.204	12.6	19.9
8 9	22 11.96	− 6 16.7	1.235	2.225	7.5	19.6
8 19	22 2.84	− 7 31.4	1.237	2.246	2.6	19.4
8 29	21 53.69	− 8 50.4	1.264	2.267	4.0	19.6
9 8	21 45.79	−10 4.5	1.317	2.288	8.9	19.9
9 18	21 40.08	−11 7.0	1.393	2.309	13.2	20.2
9 28	21 37.17	−11 53.8	1.489	2.329	16.9	20.5
53274 1999 FH_{25}			8 20.9 58°00		2°0/19.4 18	
7 20	22 23.12	−13 24.5	1.490	2.392	14.2	18.0
7 30	22 18.15	−14 29.2	1.439	2.401	10.1	17.7
8 9	22 11.07	−15 42.8	1.412	2.410	5.5	17.5
8 19	22 2.71	−16 57.6	1.409	2.419	2.0	17.3
8 29	21 54.19	−18 5.4	1.433	2.429	5.1	17.5
9 8	21 46.69	−18 59.4	1.481	2.438	9.5	17.8
9 18	21 41.14	−19 35.9	1.553	2.448	13.5	18.1
9 28	21 38.16	−19 53.6	1.645	2.458	16.8	18.3
294084 2007 TO_{195}			8 20.9 45°30		0°9/20.3 18	
7 20	22 23.73	−12 42.9	1.732	2.626	13.0	21.0
7 30	22 18.38	−13 12.6	1.673	2.630	9.3	20.7
8 9	22 11.13	−13 49.8	1.638	2.634	5.1	20.5
8 19	22 2.73	−14 29.5	1.627	2.639	1.1	20.2
8 29	21 54.16	−15 6.2	1.644	2.643	4.0	20.5
9 8	21 46.47	−15 35.2	1.687	2.648	8.2	20.7
9 18	21 40.49	−15 53.2	1.754	2.653	12.0	21.0
9 28	21 36.83	−15 58.8	1.843	2.658	15.1	21.2
127360 2002 JM_{132}			8 20.9 141°62		1°7/22.8 18	
7 20	22 20.89	− 4 35.5	2.374	3.235	11.2	20.3
7 30	22 15.95	− 4 53.7	2.303	3.238	8.3	20.1
8 9	22 9.64	− 5 22.9	2.257	3.241	5.2	20.0
8 19	22 2.48	− 6 0.6	2.237	3.243	2.2	19.8
8 29	21 55.16	− 6 43.2	2.245	3.246	2.8	19.8
9 8	21 48.41	− 7 26.6	2.282	3.249	5.9	20.0
9 18	21 42.84	− 8 6.9	2.345	3.251	9.0	20.2
9 28	21 38.95	− 8 40.9	2.432	3.254	11.7	20.4

516304 2016 XV_{10} 8 20.9 211°.54 3°.9/16.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 23.22	−23 54.5	2.602	3.494	9.3	22.4
7 30	22 17.64	−24 50.3	2.536	3.488	6.8	22.2
8 9	22 10.60	−25 44.6	2.496	3.482	4.6	22.1
8 19	22 2.65	−26 32.4	2.484	3.475	4.0	22.0
8 29	21 54.50	−27 9.2	2.501	3.468	5.6	22.1
9 8	21 46.93	−27 32.1	2.545	3.461	8.1	22.3
9 18	21 40.60	−27 39.9	2.613	3.453	10.5	22.4
9 28	21 36.03	−27 33.0	2.704	3.445	12.7	22.6

90339 2003 FF_{104} 8 20.9 27°.06 6°.9/15.3 18

7 20	22 25.03	−29 23.7	1.781	2.682	12.3	18.6
7 30	22 19.35	−30 22.5	1.739	2.689	9.5	18.5
8 9	22 11.67	−31 13.5	1.720	2.696	7.4	18.4
8 19	22 2.82	−31 49.3	1.727	2.703	7.1	18.4
8 29	21 53.92	−32 4.5	1.759	2.711	8.8	18.5
9 8	21 46.09	−31 57.3	1.815	2.720	11.4	18.7
9 18	21 40.19	−31 28.8	1.892	2.729	14.1	18.9
9 28	21 36.79	−30 41.8	1.989	2.738	16.4	19.1

472132 2014 BE_{43} 8 20.9 232°.43 0°.3/21.1 18

7 20	22 34.39	−12 52.4	1.908	2.779	13.0	20.7
7 30	22 25.96	−12 19.4	1.829	2.773	9.5	20.5
8 9	22 15.39	−11 49.4	1.774	2.766	5.4	20.2
8 19	22 3.46	−11 20.4	1.748	2.759	1.0	19.9
8 29	21 51.26	−10 50.7	1.751	2.752	3.6	20.1
9 8	21 39.97	−10 18.6	1.784	2.744	7.9	20.3
9 18	21 30.55	− 9 43.5	1.843	2.736	11.8	20.5
9 28	21 23.69	− 9 4.8	1.926	2.728	15.0	20.7

407990 2012 DW_{70} 8 20.9 99°.30 3°.3/24.7 18

7 20	22 19.20	+ 1 16.1	2.416	3.253	11.8	21.7
7 30	22 14.73	+ 0 54.4	2.343	3.257	9.2	21.5
8 9	22 8.96	+ 0 17.8	2.293	3.261	6.3	21.4
8 19	22 2.38	− 0 31.8	2.270	3.265	3.8	21.2
8 29	21 55.63	− 1 30.8	2.274	3.270	3.6	21.2
9 8	21 49.42	− 2 34.4	2.307	3.274	5.9	21.4
9 18	21 44.32	− 3 37.8	2.366	3.278	8.7	21.5
9 28	21 40.84	− 4 36.6	2.450	3.282	11.3	21.7

165030 2000 DT_{24} 8 20.9 256°.97 0°.4/20.6 18

7 20	22 21.95	−10 25.2	1.941	2.827	12.2	20.2
7 30	22 17.08	−11 13.1	1.866	2.819	8.8	20.0
8 9	22 10.44	−12 11.2	1.815	2.810	4.9	19.8
8 19	22 2.65	−13 14.8	1.790	2.802	0.8	19.4
8 29	21 54.55	−14 17.9	1.793	2.793	3.6	19.6
9 8	21 47.10	−15 14.5	1.823	2.784	7.7	19.9
9 18	21 41.10	−16 0.2	1.878	2.775	11.4	20.1
9 28	21 37.21	−16 32.3	1.956	2.766	14.6	20.3

365628 2010 UU_{57} 8 20.9 302°.75 5°.3/15.9 18

7 20	22 23.64	−26 27.8	2.119	3.017	10.8	20.7
7 30	22 18.23	−27 22.5	2.056	3.009	8.1	20.5
8 9	22 11.04	−28 13.4	2.018	3.000	5.9	20.4
8 19	22 2.74	−28 54.5	2.007	2.992	5.4	20.3
8 29	21 54.22	−29 20.5	2.022	2.983	7.2	20.4
9 8	21 46.45	−29 28.4	2.062	2.975	9.9	20.6
9 18	21 40.24	−29 17.7	2.126	2.967	12.6	20.7
9 28	21 36.17	−28 49.7	2.210	2.959	14.9	20.9

494308 2016 SF_{14} 8 20.9 348°.68 2°.7/22.9 18

7 20	22 15.14	− 3 45.8	1.085	1.991	18.0	20.4
7 30	22 13.08	− 4 10.5	1.020	1.978	13.7	20.1
8 9	22 8.57	− 5 0.1	0.973	1.966	8.6	19.8
8 19	22 2.36	− 6 10.5	0.947	1.956	3.6	19.5
8 29	21 55.70	− 7 33.3	0.943	1.948	4.5	19.5
9 8	21 50.01	− 8 57.4	0.962	1.941	9.9	19.8
9 18	21 46.49	−10 12.5	1.000	1.937	15.0	20.1
9 28	21 45.97	−11 10.6	1.057	1.934	19.5	20.3

328669 2009 SJ_{283} 8 20.9 291°.05 2°.6/18.3 18

7 20	22 21.35	−18 14.5	2.263	3.159	10.3	21.0
7 30	22 16.51	−19 1.3	2.185	3.143	7.4	20.8
8 9	22 10.07	−19 51.1	2.131	3.126	4.3	20.6
8 19	22 2.58	−20 39.2	2.105	3.110	2.6	20.5
8 29	21 54.81	−21 20.3	2.106	3.093	4.8	20.6
9 8	21 47.59	−21 50.4	2.134	3.077	8.0	20.7
9 18	21 41.66	−22 7.2	2.188	3.061	11.0	20.9
9 28	21 37.61	−22 9.8	2.263	3.044	13.7	21.1

311195 2004 XZ_{62} 8 20.9 65°.52 3°.5/18.6 17

7 20	22 26.46	−16 47.1	1.242	2.153	15.8	20.4
7 30	22 20.88	−17 49.4	1.197	2.162	11.2	20.2
8 9	22 12.73	−18 57.3	1.174	2.172	6.4	19.9
8 19	22 3.04	−20 1.6	1.174	2.181	3.5	19.8
8 29	21 53.22	−20 53.2	1.199	2.191	6.7	20.0
9 8	21 44.74	−21 25.9	1.248	2.201	11.3	20.3
9 18	21 38.68	−21 37.6	1.318	2.211	15.5	20.6
9 28	21 35.71	−21 28.9	1.406	2.221	19.0	20.8

78827 2003 QS_{18} 8 20.9 236°.60 0°.7/20.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 24.78	−10 19.7	1.535	2.427	14.5	20.0
7 30	22 19.51	−11 13.5	1.464	2.420	10.5	19.7
8 9	22 11.98	−12 20.6	1.416	2.412	5.8	19.4
8 19	22 2.94	−13 34.5	1.393	2.404	1.0	19.1
8 29	21 53.50	−14 47.4	1.396	2.396	4.4	19.3
9 8	21 44.89	−15 51.4	1.425	2.387	9.3	19.6
9 18	21 38.19	−16 40.9	1.478	2.378	13.7	19.8
9 28	21 34.16	−17 13.0	1.551	2.369	17.3	20.0

137469 1999 UE_{14} 8 20.9 250°.07 4°.7/17.2 18

7 20	22 27.54	−21 24.6	1.703	2.603	12.9	20.1
7 30	22 21.48	−22 29.9	1.630	2.587	9.4	19.8
8 9	22 13.10	−23 36.9	1.580	2.571	6.0	19.6
8 19	22 3.14	−24 37.8	1.556	2.555	4.7	19.5
8 29	21 52.72	−25 24.7	1.559	2.538	7.2	19.6
9 8	21 43.12	−25 52.2	1.588	2.520	11.0	19.8
9 18	21 35.43	−25 58.4	1.639	2.502	14.6	20.0
9 28	21 30.46	−25 44.3	1.710	2.484	17.8	20.2

324860 2007 RO_{227} 8 20.9 318°.04 0°.9/20.4 18

7 20	22 23.21	−12 11.4	1.104	2.018	17.1	20.5
7 30	22 19.16	−12 34.3	1.031	1.997	12.5	20.2
8 9	22 12.15	−13 10.4	0.978	1.977	7.0	19.9
8 19	22 3.01	−13 53.6	0.946	1.957	1.3	19.4
8 29	21 53.17	−14 35.6	0.937	1.938	5.5	19.6
9 8	21 44.32	−15 8.0	0.950	1.920	11.5	19.9
9 18	21 37.94	−15 25.3	0.983	1.903	17.0	20.2
9 28	21 35.05	−15 24.4	1.033	1.887	21.6	20.4

186775 2004 DL_{24} 8 20.9 107°.86 1°.6/22.3 18

7 20	22 24.42	− 5 17.1	1.586	2.462	14.9	20.3
7 30	22 18.99	− 5 50.6	1.528	2.472	11.0	20.1
8 9	22 11.55	− 6 39.9	1.491	2.481	6.6	19.8
8 19	22 2.86	− 7 40.4	1.480	2.489	2.3	19.6
8 29	21 54.00	− 8 45.6	1.496	2.498	3.6	19.7
9 8	21 46.07	− 9 48.4	1.537	2.507	8.0	20.0
9 18	21 39.97	−10 43.0	1.604	2.515	12.1	20.3
9 28	21 36.33	−11 25.1	1.691	2.523	15.6	20.5

118940 2000 WH_{58} 8 20.9 241°.39 0°.6/20.4 18

7 20	22 21.38	−11 45.0	2.424	3.305	10.3	20.1
7 30	22 16.39	−12 22.0	2.345	3.296	7.4	19.9
8 9	22 9.96	−13 5.8	2.291	3.286	4.1	19.7
8 19	22 2.60	−13 52.8	2.265	3.276	0.7	19.4
8 29	21 55.00	−14 38.7	2.267	3.266	3.1	19.6
9 8	21 47.92	−15 19.2	2.298	3.256	6.5	19.8
9 18	21 42.00	−15 51.4	2.355	3.245	9.7	19.9
9 28	21 37.80	−16 13.0	2.435	3.234	12.4	20.1

432891 2011 MY_{3} 8 20.9 45°.07 0°.6/20.5 16

7 20	22 20.59	− 8 15.5	1.401	2.299	15.3	20.6
7 30	22 16.38	− 9 42.9	1.357	2.315	10.9	20.4
8 9	22 10.11	−11 25.6	1.334	2.331	6.0	20.1
8 19	22 2.62	−13 14.8	1.337	2.349	1.0	19.8
8 29	21 55.02	−15 0.2	1.366	2.366	4.4	20.1
9 8	21 48.45	−16 32.4	1.420	2.384	9.1	20.5
9 18	21 43.80	−17 45.3	1.498	2.403	13.2	20.8
9 28	21 41.66	−18 36.3	1.596	2.421	16.6	21.0

54794 2001 MN_{10} 8 20.9 328°.94 3°.1/23.0 18

7 20	22 24.23	− 3 54.7	1.424	2.302	16.2	18.7
7 30	22 19.17	− 3 50.2	1.355	2.297	12.3	18.4
8 9	22 11.81	− 4 3.0	1.307	2.293	7.9	18.1
8 19	22 2.93	− 4 30.7	1.283	2.289	3.8	17.9
8 29	21 53.69	− 5 8.6	1.283	2.285	4.4	17.9
9 8	21 45.36	− 5 50.5	1.309	2.281	8.8	18.2
9 18	21 39.01	− 6 30.1	1.358	2.278	13.2	18.4
9 28	21 35.40	− 7 2.1	1.427	2.275	17.0	18.7

518315 2017 BB_{67} 8 20.9 259°.38 5°.0/14.9 18

7 20	22 21.56	−25 23.1	2.400	3.298	9.7	21.2
7 30	22 16.68	−26 49.7	2.333	3.286	7.3	21.1
8 9	22 10.19	−28 15.2	2.292	3.273	5.4	20.9
8 19	22 2.65	−29 32.8	2.279	3.261	5.2	20.9
8 29	21 54.81	−30 36.7	2.293	3.248	6.9	21.0
9 8	21 47.51	−31 22.7	2.334	3.235	9.4	21.1
9 18	21 41.51	−31 49.1	2.398	3.222	11.9	21.3
9 28	21 37.38	−31 56.4	2.483	3.208	14.1	21.4

472111 2014 AJ_{54} 8 20.9 179°.16 5°.7/24.9 17

7 20	22 26.81	+ 2 37.4	1.806	2.640	15.3	21.1
7 30	22 20.63	+ 3 17.6	1.733	2.640	12.2	20.9
8 9	22 12.49	+ 3 40.4	1.682	2.641	9.0	20.7
8 19	22 3.07	+ 3 45.2	1.655	2.641	6.3	20.6
8 29	21 53.34	+ 3 33.6	1.655	2.641	6.0	20.6
9 8	21 44.38	+ 3 9.4	1.681	2.641	8.4	20.7
9 18	21 37.08	+ 2 37.9	1.732	2.640	11.5	20.9
9 28	21 32.13	+ 2 4.5	1.805	2.640	14.6	21.1

76230 2000 EP_{75} 8 20.9 102°.79 2°.9/18.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 23.69	−17 38.7	2.012	2.907	11.4	19.3
7 30	22 18.15	−18 45.9	1.965	2.922	8.1	19.2
8 9	22 10.96	−19 55.8	1.942	2.937	4.7	19.0
8 19	22 2.80	−21 2.1	1.947	2.952	2.9	18.9
8 29	21 54.55	−21 58.8	1.980	2.966	5.1	19.1
9 8	21 47.11	−22 41.5	2.040	2.981	8.4	19.3
9 18	21 41.23	−23 8.1	2.125	2.994	11.5	19.5
9 28	21 37.42	−23 18.5	2.231	3.008	14.0	19.7

20619 1999 SB_{10} 8 20.9 32°.57 3°.1/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 22.46	− 3 29.7	1.284	2.170	17.2	17.6
7 30	22 17.84	− 3 36.2	1.237	2.183	12.9	17.4
8 9	22 10.99	− 4 2.1	1.210	2.196	8.2	17.2
8 19	22 2.81	− 4 43.7	1.205	2.211	3.8	17.0
8 29	21 54.52	− 5 34.8	1.224	2.226	4.4	17.1
9 8	21 47.37	− 6 27.6	1.268	2.242	8.7	17.4
9 18	21 42.32	− 7 15.4	1.334	2.259	13.0	17.7
9 28	21 39.98	− 7 53.0	1.421	2.276	16.7	17.9

7472 Kumakiri 8 20.9 154°.19 3°.8/16.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 22.88	−22 22.1	2.402	3.296	9.8	17.3
7 30	22 17.45	−23 23.8	2.346	3.301	7.1	17.2
8 9	22 10.54	−24 24.8	2.316	3.305	4.7	17.0
8 19	22 2.73	−25 19.6	2.314	3.309	3.9	17.0
8 29	21 54.78	−26 3.4	2.340	3.313	5.6	17.1
9 8	21 47.48	−26 32.8	2.393	3.316	8.2	17.3
9 18	21 41.50	−26 46.7	2.471	3.319	10.8	17.4
9 28	21 37.37	−26 45.1	2.571	3.322	13.0	17.6

414553 2009 SP_{241} 8 20.9 244°.45 7°.3/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 20.06	+14 49.2	2.695	3.441	13.0	20.8
7 30	22 15.40	+15 11.4	2.605	3.432	11.3	20.7
8 9	22 9.41	+15 14.4	2.534	3.424	9.5	20.5
8 19	22 2.56	+14 57.2	2.487	3.415	8.0	20.4
8 29	21 55.44	+14 20.3	2.466	3.407	7.3	20.4
9 8	21 48.73	+13 26.9	2.470	3.398	7.8	20.4
9 18	21 43.04	+12 21.4	2.501	3.389	9.3	20.5
9 28	21 38.89	+11 9.3	2.555	3.379	11.1	20.6

78929 2003 SL_{137} 8 20.9 278°.57 4°.3/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 23.34	− 0 4.9	1.443	2.308	16.8	20.1
7 30	22 18.61	− 0 13.7	1.367	2.299	13.1	19.9
8 9	22 11.57	− 0 44.9	1.311	2.289	8.9	19.6
8 19	22 2.95	− 1 36.6	1.279	2.280	5.0	19.3
8 29	21 53.86	− 2 43.7	1.271	2.270	5.0	19.3
9 8	21 45.56	− 3 58.1	1.288	2.260	8.9	19.5
9 18	21 39.18	− 5 11.5	1.329	2.251	13.3	19.8
9 28	21 35.51	− 6 16.4	1.390	2.241	17.2	20.0

454973 2015 TU_{208} 8 20.9 303°.27 4°.6/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 20.31	+ 3 10.5	2.196	3.027	13.0	20.9
7 30	22 15.77	+ 3 17.5	2.111	3.017	10.4	20.7
8 9	22 9.69	+ 3 7.9	2.048	3.007	7.6	20.5
8 19	22 2.61	+ 2 42.4	2.010	2.997	5.2	20.3
8 29	21 55.24	+ 2 3.3	1.999	2.987	4.8	20.3
9 8	21 48.38	+ 1 14.8	2.014	2.978	6.9	20.4
9 18	21 42.74	+ 0 22.0	2.056	2.969	9.8	20.6
9 28	21 38.90	− 0 29.9	2.121	2.959	12.6	20.7

40550 1999 RM_{113} 8 20.9 97°.69 1°.1/21.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 27.58	− 8 3.9	1.432	2.318	15.7	19.0
7 30	22 21.40	− 8 18.6	1.379	2.329	11.5	18.7
8 9	22 12.96	− 8 46.4	1.347	2.339	6.7	18.5
8 19	22 3.16	− 9 22.9	1.339	2.350	1.8	18.2
8 29	21 53.22	−10 2.1	1.358	2.361	3.9	18.4
9 8	21 44.42	−10 37.9	1.402	2.371	8.7	18.7
9 18	21 37.73	−11 5.7	1.470	2.381	13.0	19.0
9 28	21 33.81	−11 22.4	1.559	2.391	16.6	19.2

478915 2012 XV_{1} 8 20.9 0°.64 10°.8/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 18.24	+11 9.1	1.240	2.072	21.0	20.3
7 30	22 15.12	+12 5.4	1.178	2.069	18.0	20.1
8 9	22 9.66	+12 29.2	1.133	2.067	14.8	19.9
8 19	22 2.63	+12 17.0	1.106	2.067	12.0	19.7
8 29	21 55.21	+11 30.0	1.099	2.068	10.8	19.7
9 8	21 48.72	+10 14.9	1.114	2.071	11.9	19.7
9 18	21 44.27	+ 8 42.3	1.149	2.075	14.6	19.9
9 28	21 42.66	+ 7 4.4	1.205	2.080	17.7	20.1

289038 2004 TO_{138} 8 20.9 352°.52 3°.9/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 22.16	− 0 49.1	1.954	2.806	13.6	20.1
7 30	22 17.18	− 0 30.9	1.880	2.804	10.5	19.9
8 9	22 10.51	− 0 27.2	1.829	2.802	7.3	19.7
8 19	22 2.76	− 0 37.3	1.803	2.800	4.4	19.5
8 29	21 54.76	− 0 58.6	1.803	2.798	4.4	19.5
9 8	21 47.42	− 1 26.9	1.830	2.797	7.2	19.7
9 18	21 41.51	− 1 57.9	1.883	2.797	10.4	19.9
9 28	21 37.64	− 2 27.0	1.958	2.797	13.4	20.1

509997 2009 VS_{41} 8 21.0 289°.27 1°.6/19.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 23.70	−12 59.8	1.539	2.438	14.0	21.5
7 30	22 18.89	−13 48.8	1.459	2.419	10.1	21.2
8 9	22 11.77	−14 48.7	1.402	2.400	5.6	20.9
8 19	22 3.02	−15 53.2	1.370	2.380	1.6	20.6
8 29	21 53.75	−16 54.5	1.363	2.361	5.0	20.8
9 8	21 45.22	−17 45.3	1.382	2.342	9.8	21.0
9 18	21 38.54	−18 20.6	1.424	2.322	14.2	21.2
9 28	21 34.56	−18 38.0	1.485	2.303	18.0	21.4

473370 2015 UB_{12} 8 21.0 255°.29 3°.8/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 19.33	+ 2 50.6	2.395	3.224	12.1	21.0
7 30	22 14.95	+ 2 31.8	2.311	3.219	9.6	20.8
8 9	22 9.19	+ 1 56.9	2.251	3.213	6.8	20.6
8 19	22 2.55	+ 1 7.1	2.216	3.208	4.4	20.4
8 29	21 55.69	+ 0 5.9	2.210	3.202	4.0	20.4
9 8	21 49.30	− 1 2.0	2.231	3.197	6.1	20.5
9 18	21 44.03	− 2 11.3	2.278	3.191	9.0	20.7
9 28	21 40.39	− 3 17.0	2.351	3.185	11.6	20.9

276071 2002 CU_{182} 8 21.0 122°.77 2°.4/18.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 23.35	−14 53.8	1.728	2.626	12.8	20.8
7 30	22 18.22	−16 6.2	1.671	2.631	9.1	20.6
8 9	22 11.16	−17 25.6	1.638	2.635	5.1	20.4
8 19	22 2.89	−18 44.8	1.631	2.639	2.4	20.2
8 29	21 54.41	−19 56.0	1.651	2.643	5.2	20.4
9 8	21 46.78	−20 53.2	1.698	2.647	9.1	20.7
9 18	21 40.86	−21 32.8	1.769	2.651	12.7	20.9
9 28	21 37.29	−21 53.9	1.860	2.655	15.8	21.1

481319 2006 AG_{74} 8 21.0 202°.06 0°.4/21.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 27.56	−11 18.6	2.550	3.416	10.3	21.0
7 30	22 20.66	−11 3.3	2.473	3.414	7.5	20.8
8 9	22 12.31	−10 52.2	2.421	3.412	4.3	20.6
8 19	22 3.08	−10 43.6	2.399	3.410	0.9	20.3
8 29	21 53.68	−10 35.3	2.406	3.407	2.7	20.5
9 8	21 44.91	−10 25.4	2.444	3.404	6.0	20.7
9 18	21 37.40	−10 12.4	2.509	3.402	9.1	20.9
9 28	21 31.68	− 9 55.3	2.598	3.398	11.6	21.0

448977 2011 YL_{29} 8 21.0 255°.36 2°.4/18.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 21.00	−16 28.0	2.211	3.105	10.6	21.6
7 30	22 16.29	−17 34.4	2.141	3.099	7.5	21.3
8 9	22 10.00	−18 45.7	2.096	3.092	4.3	21.1
8 19	22 2.70	−19 56.2	2.079	3.085	2.4	21.0
8 29	21 55.14	−21 0.2	2.090	3.078	4.7	21.1
9 8	21 48.16	−21 52.6	2.128	3.071	8.0	21.3
9 18	21 42.49	−22 30.4	2.191	3.064	11.0	21.5
9 28	21 38.70	−22 52.3	2.276	3.056	13.7	21.7

431065 2006 BR_{207} 8 21.0 160°.81 1°.4/19.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 22.81	−11 39.0	1.915	2.803	12.2	21.1
7 30	22 17.70	−12 57.0	1.852	2.807	8.7	20.9
8 9	22 10.83	−14 24.8	1.814	2.810	4.7	20.6
8 19	22 2.85	−15 55.8	1.803	2.813	1.4	20.4
8 29	21 54.63	−17 22.6	1.820	2.816	4.2	20.6
9 8	21 47.12	−18 38.4	1.865	2.818	8.1	20.9
9 18	21 41.14	−19 38.8	1.935	2.820	11.7	21.1
9 28	21 37.29	−20 21.5	2.027	2.822	14.6	21.3

515278 2012 TJ_{145} 8 21.0 286°.29 7°.5/15.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 29.99	−30 2.3	1.774	2.669	12.7	21.4
7 30	22 23.43	−31 2.6	1.696	2.641	10.0	21.2
8 9	22 14.33	−31 56.4	1.640	2.613	7.9	21.0
8 19	22 3.47	−32 35.1	1.610	2.584	7.7	20.9
8 29	21 52.07	−32 51.3	1.605	2.556	9.7	21.0
9 8	21 41.53	−32 41.2	1.625	2.527	12.7	21.1
9 18	21 33.03	−32 5.5	1.666	2.498	15.9	21.3
9 28	21 27.46	−31 7.4	1.726	2.468	18.8	21.4

250692 2005 QA_{115} 8 21.0 283°.09 2°.4/19.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 25.06	−18 7.5	2.078	2.971	11.2	20.1
7 30	22 19.25	−18 30.0	2.005	2.961	8.0	19.9
8 9	22 11.68	−18 54.3	1.956	2.951	4.6	19.7
8 19	22 2.99	−19 16.1	1.934	2.941	2.4	19.5
8 29	21 54.06	−19 30.9	1.940	2.932	4.6	19.7
9 8	21 45.84	−19 35.6	1.973	2.922	8.1	19.9
9 18	21 39.12	−19 28.6	2.031	2.912	11.4	20.1
9 28	21 34.52	−19 9.8	2.111	2.903	14.3	20.2

446171 2013 ED_{125} 8 21.0 212°.66 0°.4/21.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 20.95	− 8 9.7	2.354	3.227	10.8	21.6
7 30	22 16.11	− 8 48.2	2.279	3.223	7.9	21.4
8 9	22 9.85	− 9 36.3	2.228	3.220	4.5	21.2
8 19	22 2.68	−10 30.5	2.205	3.216	1.0	20.9
8 29	21 55.30	−11 26.2	2.210	3.212	2.8	21.0
9 8	21 48.45	−12 18.8	2.244	3.208	6.3	21.3
9 18	21 42.79	−13 4.4	2.304	3.203	9.5	21.5
9 28	21 38.84	−13 40.3	2.388	3.198	12.2	21.6