262260 2006 SW_{329} 11 5.9 80°.73 0°.4/ 6.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 13.27	+17 42.3	1.947	2.743	15.1	21.1
10 8	3 8.91	+17 44.2	1.867	2.747	12.0	20.9
10 18	3 2.15	+17 37.4	1.807	2.750	8.3	20.7
10 28	2 53.60	+17 22.6	1.773	2.754	4.1	20.4
11 7	2 44.18	+17 2.2	1.767	2.758	0.5	20.1
11 17	2 34.95	+16 39.6	1.790	2.762	4.7	20.5
11 27	2 26.97	+16 19.1	1.841	2.765	8.8	20.7
12 7	2 21.03	+16 5.0	1.917	2.769	12.3	21.0

449306 2013 EV_{123} 11 5.9 246°.79 0°.5/ 5.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 12.44	+15 38.9	2.208	3.002	13.6	22.1
10 8	3 8.07	+15 29.4	2.110	2.991	10.8	21.9
10 18	3 1.53	+15 12.6	2.035	2.980	7.4	21.6
10 28	2 53.31	+14 49.9	1.987	2.969	3.6	21.4
11 7	2 44.21	+14 23.9	1.967	2.957	0.7	21.2
11 17	2 35.17	+13 58.1	1.977	2.946	4.7	21.4
11 27	2 27.13	+13 36.5	2.015	2.934	8.5	21.6
12 7	2 20.88	+13 22.5	2.079	2.921	11.9	21.8

513496 2009 HM_{57} 11 5.9 158°.16 0°.4/ 6.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 15.93	+17 21.2	2.689	3.460	12.1	22.5
10 8	3 10.23	+17 29.8	2.602	3.468	9.5	22.3
10 18	3 2.67	+17 32.0	2.538	3.475	6.5	22.1
10 28	2 53.75	+17 28.5	2.503	3.482	3.2	21.9
11 7	2 44.18	+17 20.5	2.497	3.488	0.5	21.7
11 17	2 34.76	+17 10.1	2.524	3.494	3.7	22.0
11 27	2 26.28	+17 0.1	2.581	3.499	6.9	22.2
12 7	2 19.37	+16 53.4	2.665	3.503	9.7	22.4

275148 2009 VV_{85} 11 6.0 18°.16 0°.4/ 5.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 8.38	+17 8.3	2.013	2.818	14.4	20.7
10 8	3 4.96	+16 43.3	1.934	2.821	11.3	20.5
10 18	2 59.39	+16 8.6	1.877	2.825	7.7	20.3
10 28	2 52.24	+15 26.5	1.846	2.828	3.7	20.0
11 7	2 44.36	+14 40.8	1.842	2.833	0.7	19.8
11 17	2 36.68	+13 56.1	1.867	2.838	4.7	20.1
11 27	2 30.14	+13 17.3	1.920	2.843	8.6	20.4
12 7	2 25.42	+12 48.4	1.998	2.848	12.0	20.6

511680 2015 BK_{449} 11 6.0 318°.93 0°.9/ 5.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 14.77	+14 46.8	1.319	2.145	19.4	21.5
10 8	3 11.32	+14 44.5	1.241	2.140	15.4	21.3
10 18	3 4.49	+14 32.8	1.182	2.135	10.6	21.0
10 28	2 54.97	+14 13.8	1.146	2.130	5.1	20.7
11 7	2 44.04	+13 51.1	1.135	2.125	1.3	20.4
11 17	2 33.28	+13 30.0	1.150	2.121	6.8	20.7
11 27	2 24.28	+13 16.5	1.189	2.117	12.1	21.0
12 7	2 18.19	+13 15.3	1.250	2.113	16.8	21.3

410639 2008 RZ_{74} 11 6.0 143°.01 5°.6/10.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 14.91	+35 2.0	2.666	3.371	13.7	21.6
10 8	3 9.93	+35 42.3	2.576	3.376	11.7	21.4
10 18	3 2.74	+36 8.2	2.506	3.381	9.4	21.3
10 28	2 53.88	+36 17.0	2.460	3.385	7.2	21.1
11 7	2 44.17	+36 7.6	2.441	3.390	5.7	21.0
11 17	2 34.56	+35 41.2	2.451	3.394	5.9	21.1
11 27	2 26.02	+35 1.8	2.490	3.399	7.6	21.2
12 7	2 19.31	+34 14.9	2.555	3.402	9.8	21.3

167517 2003 YH_{139} 11 6.0 7°.44 8°.1/11.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 13.42	+34 49.7	1.559	2.313	20.0	19.3
10 8	3 10.36	+35 47.5	1.481	2.313	17.2	19.1
10 18	3 3.90	+36 23.9	1.420	2.314	13.9	18.9
10 28	2 54.71	+36 33.2	1.380	2.316	10.6	18.7
11 7	2 44.08	+36 13.0	1.363	2.319	8.4	18.6
11 17	2 33.64	+35 25.4	1.370	2.322	8.6	18.6
11 27	2 25.01	+34 18.2	1.403	2.326	11.1	18.8
12 7	2 19.34	+33 2.3	1.459	2.331	14.3	19.0

9656 1996 DK_1 11 6.0 286°.64 3°.8/ 3.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 12.00	+ 9 51.3	1.553	2.379	16.9	18.0
10 8	3 8.69	+ 9 6.6	1.461	2.360	13.4	17.8
10 18	3 2.49	+ 8 14.2	1.389	2.341	9.3	17.5
10 28	2 53.98	+ 7 19.1	1.341	2.322	5.2	17.2
11 7	2 44.17	+ 6 27.8	1.320	2.302	4.2	17.1
11 17	2 34.35	+ 5 47.3	1.325	2.283	8.1	17.3
11 27	2 25.89	+ 5 23.6	1.355	2.263	12.6	17.5
12 7	2 19.82	+ 5 20.0	1.407	2.244	16.8	17.7

20587 Jargoldman 11 6.0 12°.73 0°.4/ 6.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 9.49	+18 49.8	1.840	2.644	15.6	18.5
10 8	3 6.10	+18 36.3	1.761	2.646	12.3	18.3
10 18	3 0.32	+18 11.7	1.703	2.649	8.5	18.1
10 28	2 52.75	+17 37.4	1.670	2.651	4.2	17.8
11 7	2 44.32	+16 56.9	1.664	2.655	0.5	17.5
11 17	2 36.11	+16 14.8	1.686	2.658	4.8	17.9
11 27	2 29.15	+15 36.5	1.735	2.663	9.0	18.1
12 7	2 24.24	+15 6.9	1.809	2.667	12.6	18.4

48728 1997 AM_{20} 11 6.0 105°.30 3°.3/ 4.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 14.54	+10 57.1	1.551	2.371	17.3	19.2
10 8	3 10.24	+10 10.0	1.485	2.381	13.5	19.0
10 18	3 3.18	+ 9 15.9	1.440	2.391	9.2	18.8
10 28	2 54.12	+ 8 19.9	1.420	2.401	4.9	18.6
11 7	2 44.18	+ 7 28.2	1.427	2.411	3.6	18.5
11 17	2 34.63	+ 6 47.2	1.461	2.420	7.3	18.8
11 27	2 26.66	+ 6 21.9	1.521	2.429	11.5	19.0
12 7	2 21.10	+ 6 14.5	1.604	2.438	15.2	19.3

96592 1998 XC_1 11 6.0 10°.97 1°.0/ 5.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 9.40	+14 23.1	1.910	2.722	14.8	19.0
10 8	3 5.88	+14 9.2	1.833	2.724	11.6	18.8
10 18	3 0.09	+13 48.1	1.777	2.726	7.9	18.6
10 28	2 52.61	+13 22.2	1.746	2.729	3.8	18.3
11 7	2 44.34	+12 54.8	1.743	2.732	1.3	18.2
11 17	2 36.26	+12 30.0	1.768	2.736	5.2	18.5
11 27	2 29.37	+12 11.9	1.820	2.741	9.1	18.7
12 7	2 24.40	+12 3.8	1.896	2.745	12.6	18.9

50051 2000 AH_{63} 11 6.0 230°.12 0°.6/ 5.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 15.49	+15 54.0	1.797	2.597	16.0	19.6
10 8	3 11.01	+15 42.4	1.705	2.589	12.7	19.4
10 18	3 3.82	+15 21.7	1.634	2.580	8.7	19.1
10 28	2 54.53	+14 53.4	1.589	2.571	4.2	18.8
11 7	2 44.12	+14 20.9	1.571	2.561	0.9	18.6
11 17	2 33.79	+13 48.4	1.581	2.551	5.5	18.9
11 27	2 24.77	+13 21.5	1.620	2.540	10.0	19.1
12 7	2 18.00	+13 4.5	1.683	2.529	14.0	19.3

320062 2007 EP_{29} 11 6.0 215°.74 4°.8/ 1.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 8.84	+ 3 38.0	2.334	3.146	12.4	20.7
10 8	3 4.93	+ 2 37.4	2.255	3.143	9.9	20.5
10 18	2 59.19	+ 1 35.8	2.199	3.140	7.2	20.3
10 28	2 52.12	+ 0 38.2	2.171	3.137	5.1	20.2
11 7	2 44.42	− 0 10.2	2.171	3.133	5.1	20.2
11 17	2 36.87	− 0 45.2	2.199	3.130	7.3	20.3
11 27	2 30.25	− 1 3.8	2.254	3.126	10.0	20.5
12 7	2 25.16	− 1 5.0	2.333	3.122	12.5	20.7

280611 2004 XW_{14} 11 6.0 327°.65 6°.9/12.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 14.05	+38 52.2	1.823	2.541	18.7	20.1
10 8	3 10.25	+38 41.0	1.733	2.541	16.1	19.9
10 18	3 3.41	+38 2.7	1.660	2.541	13.0	19.7
10 28	2 54.31	+36 53.7	1.609	2.541	9.8	19.5
11 7	2 44.18	+35 14.4	1.583	2.541	7.3	19.4
11 17	2 34.45	+33 10.5	1.584	2.540	7.2	19.4
11 27	2 26.43	+30 52.7	1.614	2.540	9.6	19.5
12 7	2 21.04	+28 33.6	1.670	2.540	12.9	19.7

220934 2005 JO_{17} 11 6.0 53°.67 5°.2/ 3.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 16.26	+ 7 26.7	1.189	2.029	20.3	20.3
10 8	3 11.91	+ 6 34.6	1.151	2.056	15.8	20.1
10 18	3 4.36	+ 5 40.1	1.131	2.083	10.9	19.9
10 28	2 54.63	+ 4 50.3	1.133	2.111	6.4	19.8
11 7	2 44.18	+ 4 12.9	1.160	2.139	5.6	19.8
11 17	2 34.52	+ 3 53.4	1.213	2.168	9.1	20.1
11 27	2 26.95	+ 3 54.7	1.289	2.196	13.3	20.4
12 7	2 22.21	+ 4 16.3	1.387	2.225	17.0	20.7

291616 2006 HC_1 11 6.0 235°.97 2°.5/ 3.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 7.96	+12 28.6	2.650	3.450	11.5	20.6
10 8	3 4.08	+11 6.3	2.555	3.441	8.9	20.4
10 18	2 58.53	+ 9 35.8	2.485	3.432	6.1	20.2
10 28	2 51.79	+ 8 1.2	2.444	3.424	3.3	20.0
11 7	2 44.48	+ 6 27.9	2.434	3.415	2.8	20.0
11 17	2 37.28	+ 5 1.6	2.455	3.405	5.4	20.2
11 27	2 30.91	+ 3 47.3	2.505	3.396	8.4	20.3
12 7	2 25.91	+ 2 48.6	2.582	3.386	11.0	20.5

458440 2011 AZ_{57} 11 6.0 347°.00 6°.8/ 1.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 8.40	− 0 15.0	1.876	2.701	14.5	20.7
10 8	3 5.06	− 1 14.0	1.804	2.696	11.7	20.5
10 18	2 59.52	− 2 10.4	1.754	2.691	8.9	20.4
10 28	2 52.36	− 2 57.9	1.729	2.688	7.0	20.3
11 7	2 44.42	− 3 30.2	1.731	2.684	7.2	20.3
11 17	2 36.66	− 3 43.0	1.758	2.681	9.4	20.4
11 27	2 30.05	− 3 33.9	1.811	2.679	12.2	20.6
12 7	2 25.30	− 3 3.8	1.885	2.677	15.0	20.7

244331 2002 JV_{21} 11 6.0 215°.81 1°.2/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 12.04	+16 33.3	2.253	3.044	13.5	21.3
10 8	3 7.64	+15 39.3	2.156	3.036	10.6	21.1
10 18	3 1.17	+14 34.3	2.082	3.028	7.2	20.8
10 28	2 53.13	+13 21.3	2.036	3.018	3.4	20.6
11 7	2 44.33	+12 5.0	2.019	3.008	1.4	20.4
11 17	2 35.66	+10 51.1	2.033	2.998	5.0	20.6
11 27	2 28.01	+ 9 45.5	2.076	2.987	8.8	20.9
12 7	2 22.11	+ 8 52.9	2.145	2.975	12.1	21.1

348015 2003 ST_{323} 11 6.0 83°.85 5°.9/10.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 16.05	+34 32.4	2.366	3.080	15.0	20.9
10 8	3 11.02	+35 17.3	2.288	3.095	12.7	20.8
10 18	3 3.58	+35 46.4	2.230	3.110	10.2	20.7
10 28	2 54.33	+35 56.6	2.196	3.125	7.7	20.5
11 7	2 44.22	+35 47.0	2.188	3.139	6.1	20.5
11 17	2 34.31	+35 19.2	2.209	3.154	6.3	20.5
11 27	2 25.66	+34 37.7	2.257	3.168	8.1	20.6
12 7	2 19.07	+33 49.1	2.332	3.183	10.5	20.8

4081 Tippett 11 6.0 87°.44 0°.6/ 6.4 18

9 28	3 14.61	+19 51.1	1.554	2.358	18.0	16.6
10 8	3 10.50	+19 34.2	1.484	2.369	14.3	16.3
10 18	3 3.49	+19 3.3	1.434	2.379	9.8	16.1
10 28	2 54.34	+18 20.0	1.408	2.389	4.9	15.9
11 7	2 44.23	+17 28.4	1.408	2.399	0.7	15.6
11 17	2 34.50	+16 34.5	1.437	2.409	5.4	15.9
11 27	2 26.41	+15 45.5	1.491	2.419	10.1	16.2
12 7	2 20.84	+15 7.3	1.570	2.429	14.2	16.5

450652 2006 UM_{99} 11 6.0 20°.34 2°.4/ 4.7 17

9 28	3 11.32	+11 9.2	1.524	2.352	17.2	21.0
10 8	3 7.87	+10 56.6	1.458	2.358	13.4	20.8
10 18	3 1.68	+10 38.8	1.412	2.365	9.1	20.5
10 28	2 53.47	+10 19.2	1.390	2.373	4.6	20.3
11 7	2 44.33	+10 2.1	1.394	2.382	2.6	20.2
11 17	2 35.50	+ 9 51.7	1.425	2.391	6.5	20.5
11 27	2 28.18	+ 9 51.8	1.482	2.401	10.9	20.7
12 7	2 23.21	+10 4.7	1.561	2.412	14.7	21.0

97383 2000 AJ_{76} 11 6.0 322°.89 6°.0/ 1.8 18

9 28	3 8.50	+ 1 47.3	1.920	2.744	14.3	19.1
10 8	3 5.19	+ 0 54.9	1.837	2.731	11.5	18.9
10 18	2 59.67	+ 0 3.0	1.777	2.718	8.5	18.7
10 28	2 52.48	− 0 42.5	1.742	2.706	6.3	18.6
11 7	2 44.43	− 1 15.6	1.733	2.695	6.4	18.5
11 17	2 36.49	− 1 31.6	1.751	2.683	8.7	18.7
11 27	2 29.63	− 1 27.7	1.795	2.673	11.8	18.8
12 7	2 24.60	− 1 3.7	1.861	2.662	14.8	19.0

320606 2008 CM_2 11 6.0 92°.68 1°.9/ 4.9 17

9 28	3 17.54	+13 25.6	1.504	2.317	18.0	20.7
10 8	3 12.61	+13 0.1	1.444	2.336	14.1	20.5
10 18	3 4.80	+12 26.6	1.405	2.355	9.5	20.3
10 28	2 54.91	+11 48.4	1.390	2.373	4.6	20.1
11 7	2 44.18	+11 10.6	1.402	2.391	2.2	20.0
11 17	2 33.96	+10 38.7	1.442	2.408	6.4	20.3
11 27	2 25.49	+10 17.6	1.508	2.425	10.9	20.6
12 7	2 19.58	+10 10.6	1.598	2.442	14.8	20.9

213726 2002 VJ_{80} 11 6.0 359°.27 4°.9/ 3.8 18

9 28	3 11.65	+ 5 3.3	1.418	2.254	17.7	19.6
10 8	3 8.40	+ 4 49.6	1.348	2.251	14.1	19.4
10 18	3 2.21	+ 4 36.6	1.298	2.249	9.9	19.2
10 28	2 53.80	+ 4 29.4	1.271	2.249	6.1	19.0
11 7	2 44.29	+ 4 32.9	1.269	2.249	5.2	18.9
11 17	2 35.02	+ 4 50.6	1.293	2.250	8.4	19.1
11 27	2 27.32	+ 5 24.5	1.342	2.252	12.6	19.3
12 7	2 22.11	+ 6 14.1	1.412	2.255	16.4	19.6

116228 2003 YZ_4 11 6.0 344°.93 2°.2/ 4.3 18

9 28	3 6.80	+12 34.8	1.912	2.732	14.5	19.1
10 8	3 3.90	+11 55.3	1.829	2.725	11.3	18.9
10 18	2 58.80	+11 8.2	1.767	2.719	7.7	18.7
10 28	2 52.05	+10 17.3	1.730	2.713	3.9	18.4
11 7	2 44.48	+ 9 27.4	1.721	2.708	2.5	18.3
11 17	2 37.05	+ 8 43.8	1.740	2.703	5.9	18.5
11 27	2 30.73	+ 8 11.4	1.785	2.699	9.8	18.8
12 7	2 26.25	+ 7 53.4	1.855	2.696	13.2	19.0

397324 2006 SD_{413} 11 6.0 30°.63 9°.1/ 1.0 17

9 28	3 10.11	− 2 29.4	1.387	2.226	17.9	20.1
10 8	3 6.83	− 3 44.8	1.346	2.243	14.6	19.9
10 18	3 0.84	− 4 52.8	1.324	2.260	11.3	19.8
10 28	2 52.97	− 5 44.4	1.325	2.279	9.3	19.7
11 7	2 44.40	− 6 12.0	1.351	2.298	9.5	19.8
11 17	2 36.35	− 6 11.9	1.400	2.318	11.7	20.0
11 27	2 29.94	− 5 43.9	1.472	2.339	14.6	20.2
12 7	2 25.87	− 4 51.4	1.564	2.360	17.4	20.4

321556 2009 ST_{329} 11 6.0 116°.67 4°.7/10.5 18

9 28	3 16.00	+33 15.9	2.701	3.412	13.4	20.9
10 8	3 10.55	+33 43.9	2.622	3.430	11.2	20.8
10 18	3 3.03	+33 57.6	2.563	3.448	8.8	20.6
10 28	2 54.00	+33 55.1	2.529	3.465	6.5	20.5
11 7	2 44.29	+33 36.2	2.523	3.482	4.9	20.4
11 17	2 34.79	+33 2.8	2.547	3.498	5.2	20.5
11 27	2 26.41	+32 19.1	2.600	3.514	7.1	20.6
12 7	2 19.81	+31 30.6	2.680	3.529	9.3	20.8

144578 2004 FH_{28} 11 6.0 24°.21 1°.6/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 12.77	+20 33.9	1.763	2.560	16.5	20.0
10 8	3 8.89	+20 45.6	1.685	2.563	13.2	19.7
10 18	3 2.36	+20 46.0	1.627	2.567	9.3	19.5
10 28	2 53.82	+20 35.0	1.593	2.571	4.9	19.3
11 7	2 44.30	+20 14.4	1.585	2.575	1.6	19.1
11 17	2 34.98	+19 47.9	1.606	2.579	4.9	19.3
11 27	2 27.05	+19 20.6	1.654	2.584	9.2	19.6
12 7	2 21.37	+18 58.0	1.727	2.589	12.9	19.8

126183 2002 AS_{18} 11 6.0 324°.04 4°.4/ 3.2 18

9 28	3 6.99	+10 52.3	1.342	2.186	18.1	18.7
10 8	3 5.12	+ 9 46.9	1.258	2.168	14.3	18.4
10 18	3 0.24	+ 8 29.9	1.194	2.151	9.9	18.1
10 28	2 52.96	+ 7 8.0	1.153	2.135	5.6	17.8
11 7	2 44.38	+ 5 50.1	1.137	2.119	4.9	17.7
11 17	2 35.87	+ 4 45.8	1.145	2.104	9.0	17.9
11 27	2 28.86	+ 4 3.0	1.177	2.090	13.8	18.1
12 7	2 24.39	+ 3 45.7	1.230	2.077	18.1	18.4

351177 2004 BO_{64} 11 6.0 56°.58 6°.2/10.6 18

9 28	3 14.50	+33 17.5	1.820	2.565	17.8	20.5
10 8	3 10.50	+33 49.0	1.742	2.573	15.1	20.3
10 18	3 3.58	+34 1.0	1.682	2.580	11.9	20.1
10 28	2 54.45	+33 49.8	1.645	2.588	8.7	19.9
11 7	2 44.23	+33 15.1	1.633	2.596	6.4	19.8
11 17	2 34.29	+32 20.0	1.647	2.605	6.8	19.9
11 27	2 25.93	+31 11.8	1.689	2.613	9.4	20.0
12 7	2 20.08	+29 59.4	1.755	2.621	12.6	20.3

800 Kressmannia 11 6.0 66°.67 3°.7/ 7.9 18

9 28	3 19.56	+25 3.8	1.228	2.029	22.0	14.7
10 8	3 15.06	+25 20.3	1.176	2.053	17.7	14.5
10 18	3 6.87	+25 16.7	1.141	2.077	12.8	14.2
10 28	2 56.01	+24 51.6	1.127	2.100	7.5	14.0
11 7	2 44.09	+24 7.6	1.138	2.124	3.7	13.9
11 17	2 32.90	+23 11.3	1.175	2.148	6.4	14.1
11 27	2 24.04	+22 12.5	1.237	2.172	11.1	14.4
12 7	2 18.44	+21 20.5	1.322	2.195	15.4	14.8

13113 Williamyeats 11 6.0 281°.39 2°.6/ 4.1 18

9 28	3 9.86	+12 21.6	1.881	2.696	14.9	18.1
10 8	3 6.32	+11 30.7	1.797	2.691	11.7	17.8
10 18	3 0.46	+10 31.4	1.735	2.685	7.9	17.6
10 28	2 52.86	+ 9 27.9	1.698	2.680	4.1	17.4
11 7	2 44.41	+ 8 25.9	1.690	2.675	2.9	17.3
11 17	2 36.13	+ 7 31.4	1.709	2.670	6.3	17.5
11 27	2 29.02	+ 6 49.9	1.756	2.664	10.2	17.7
12 7	2 23.86	+ 6 24.7	1.827	2.659	13.7	17.9

267547 2002 PE_{163} 11 6.0 125°.17 4°.1/ 9.8 17

9 28	3 12.38	+31 3.1	2.643	3.373	13.2	21.0
10 8	3 7.79	+31 18.9	2.556	3.381	11.0	20.9
10 18	3 1.20	+31 21.0	2.490	3.389	8.5	20.7
10 28	2 53.14	+31 8.1	2.449	3.397	5.9	20.6
11 7	2 44.40	+30 40.5	2.436	3.404	4.2	20.5
11 17	2 35.81	+30 0.5	2.452	3.412	4.7	20.5
11 27	2 28.26	+29 12.4	2.498	3.419	6.9	20.7
12 7	2 22.39	+28 21.6	2.570	3.426	9.4	20.8

426631 2013 SC_{64} 11 6.0 50°.46 5°.2/ 3.2 15

9 28	3 12.96	+ 8 43.8	1.195	2.039	19.9	20.6
10 8	3 9.57	+ 7 35.9	1.146	2.055	15.6	20.4
10 18	3 2.97	+ 6 22.2	1.116	2.071	10.7	20.2
10 28	2 54.09	+ 5 10.9	1.109	2.088	6.4	20.0
11 7	2 44.31	+ 4 11.2	1.126	2.105	5.7	20.0
11 17	2 35.13	+ 3 30.5	1.168	2.123	9.4	20.3
11 27	2 27.91	+ 3 13.5	1.233	2.141	13.7	20.6
12 7	2 23.46	+ 3 20.6	1.319	2.159	17.6	20.9

421890 2014 QP_{193} 11 6.0 87°.52 1°.9/ 7.6 18

9 28	3 11.05	+23 38.3	2.231	3.005	14.1	21.1
10 8	3 6.93	+23 31.0	2.150	3.014	11.3	21.0
10 18	3 0.69	+23 11.3	2.090	3.022	8.1	20.8
10 28	2 52.92	+22 39.6	2.056	3.030	4.5	20.6
11 7	2 44.44	+21 58.1	2.050	3.038	1.9	20.4
11 17	2 36.18	+21 10.5	2.074	3.046	4.1	20.6
11 27	2 29.04	+20 21.9	2.126	3.054	7.6	20.8
12 7	2 23.71	+19 37.6	2.204	3.062	10.7	21.0

236511 2006 GL_{45} 11 6.0 144°.01 0°.4/ 6.3 18

9 28	3 17.06	+17 20.8	2.110	2.893	14.5	20.4
10 8	3 11.69	+17 30.3	2.029	2.902	11.5	20.3
10 18	3 3.98	+17 32.2	1.970	2.910	7.9	20.1
10 28	2 54.54	+17 27.0	1.937	2.917	3.9	19.8
11 7	2 44.27	+17 16.3	1.934	2.924	0.5	19.6
11 17	2 34.21	+17 2.9	1.960	2.931	4.5	19.9
11 27	2 25.37	+16 50.5	2.016	2.937	8.3	20.1
12 7	2 18.52	+16 42.8	2.097	2.943	11.7	20.4

444580 2006 TU_{100} 11 6.0 12°.14 0°.7/ 6.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 6.65	+21 34.9	1.421	2.242	18.5	20.7
10 8	3 4.57	+20 58.4	1.352	2.246	14.7	20.4
10 18	2 59.62	+20 3.7	1.302	2.251	10.2	20.2
10 28	2 52.54	+18 53.3	1.275	2.257	5.2	19.9
11 7	2 44.49	+17 33.2	1.273	2.264	0.7	19.6
11 17	2 36.77	+16 11.5	1.297	2.272	5.6	20.0
11 27	2 30.65	+14 57.6	1.348	2.281	10.5	20.3
12 7	2 26.97	+13 58.5	1.421	2.291	14.7	20.6

513509 2009 RH_{52} 11 6.0 353°.51 0°.3/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 9.32	+16 8.5	1.138	1.982	20.7	20.9
10 8	3 7.49	+16 9.6	1.067	1.976	16.5	20.6
10 18	3 2.14	+15 58.9	1.015	1.971	11.3	20.3
10 28	2 53.97	+15 38.3	0.983	1.967	5.5	20.0
11 7	2 44.32	+15 11.8	0.974	1.965	0.8	19.6
11 17	2 34.88	+14 45.6	0.989	1.963	6.9	20.1
11 27	2 27.34	+14 26.8	1.027	1.964	12.6	20.4
12 7	2 22.87	+14 20.9	1.086	1.965	17.5	20.7

118330 1999 AP 11 6.0 278°.00 3°.0/ 7.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 15.00	+23 38.1	1.667	2.454	17.6	20.4
10 8	3 11.26	+23 57.2	1.566	2.436	14.4	20.1
10 18	3 4.43	+24 2.4	1.485	2.418	10.5	19.8
10 28	2 55.06	+23 52.0	1.426	2.400	6.2	19.6
11 7	2 44.20	+23 26.1	1.395	2.381	3.0	19.3
11 17	2 33.22	+22 48.0	1.390	2.362	5.7	19.4
11 27	2 23.64	+22 4.1	1.412	2.343	10.3	19.7
12 7	2 16.60	+21 22.2	1.458	2.324	14.7	19.9

445676 2011 UK_{96} 11 6.0 358°.26 0°.6/ 6.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 11.52	+18 24.7	1.637	2.446	17.0	21.2
10 8	3 8.11	+18 24.4	1.557	2.445	13.5	21.0
10 18	3 1.95	+18 13.1	1.497	2.444	9.3	20.7
10 28	2 53.69	+17 51.8	1.462	2.443	4.7	20.5
11 7	2 44.36	+17 23.2	1.452	2.443	0.7	20.2
11 17	2 35.22	+16 51.9	1.470	2.443	5.3	20.5
11 27	2 27.51	+16 23.4	1.515	2.444	9.9	20.8
12 7	2 22.13	+16 3.0	1.583	2.445	13.9	21.0

460256 2014 QT_{283} 11 6.0 338°.00 4°.8/ 8.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 15.71	+24 30.0	1.743	2.523	17.2	20.5
10 8	3 11.79	+25 44.9	1.648	2.510	14.3	20.3
10 18	3 4.81	+26 51.0	1.573	2.497	10.8	20.0
10 28	2 55.27	+27 44.2	1.521	2.485	7.1	19.8
11 7	2 44.18	+28 21.7	1.496	2.474	4.8	19.7
11 17	2 32.92	+28 42.6	1.499	2.464	6.4	19.7
11 27	2 22.97	+28 50.2	1.528	2.454	10.1	19.9
12 7	2 15.54	+28 50.2	1.581	2.446	13.8	20.1

96188 1991 GC 11 6.0 164°.06 7°.3/30.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 14.16	+ 0 25.4	2.011	2.820	14.3	19.8
10 8	3 9.29	− 1 33.9	1.945	2.827	11.5	19.6
10 18	3 2.25	− 3 33.5	1.904	2.833	8.9	19.5
10 28	2 53.66	− 5 24.8	1.891	2.839	7.4	19.4
11 7	2 44.39	− 6 59.1	1.906	2.843	7.9	19.4
11 17	2 35.41	− 8 10.0	1.949	2.847	10.1	19.6
11 27	2 27.64	− 8 54.0	2.018	2.850	12.7	19.7
12 7	2 21.75	− 9 11.2	2.108	2.851	15.2	19.9

357208 2002 GJ_{103} 11 6.0 46°.30 6°.7/ 9.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 28.59	+30 10.3	1.810	2.542	18.4	19.2
10 8	3 21.31	+31 51.8	1.759	2.582	15.3	19.0
10 18	3 10.80	+33 17.1	1.729	2.623	11.9	18.9
10 28	2 57.89	+34 20.2	1.724	2.663	8.7	18.8
11 7	2 43.94	+34 57.7	1.746	2.704	6.8	18.8
11 17	2 30.52	+35 10.4	1.797	2.744	7.4	18.9
11 27	2 19.06	+35 3.9	1.877	2.784	9.7	19.1
12 7	2 10.51	+34 46.2	1.981	2.825	12.3	19.4

287116 2002 RS_{165} 11 6.0 110°.47 0°.1/ 6.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 15.01	+18 33.5	2.245	3.025	13.8	22.0
10 8	3 9.73	+18 11.4	2.177	3.049	10.9	21.8
10 18	3 2.41	+17 39.8	2.131	3.071	7.4	21.6
10 28	2 53.69	+17 0.6	2.112	3.093	3.6	21.4
11 7	2 44.40	+16 16.8	2.123	3.114	0.4	21.2
11 17	2 35.46	+15 32.5	2.164	3.134	4.2	21.5
11 27	2 27.72	+14 52.4	2.235	3.154	7.7	21.8
12 7	2 21.80	+14 20.2	2.332	3.173	10.8	22.0

165501 2001 BH_{65} 11 6.0 262°.98 6°.4/31.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 9.96	+ 3 10.5	1.860	2.682	14.7	20.1
10 8	3 6.42	+ 1 43.3	1.778	2.671	11.8	19.9
10 18	3 0.56	+ 0 13.1	1.719	2.660	8.8	19.7
10 28	2 52.95	− 1 12.5	1.685	2.649	6.6	19.5
11 7	2 44.47	− 2 25.8	1.679	2.637	6.9	19.5
11 17	2 36.11	− 3 19.8	1.700	2.625	9.5	19.7
11 27	2 28.90	− 3 50.2	1.747	2.614	12.7	19.8
12 7	2 23.61	− 3 56.0	1.815	2.602	15.7	20.0

295406 2008 JL_{20} 11 6.0 286°.08 8°.0/12.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 13.92	+38 49.0	1.196	1.958	24.6	19.9
10 8	3 11.84	+38 31.2	1.110	1.949	21.3	19.6
10 18	3 5.49	+37 33.4	1.039	1.941	17.1	19.3
10 28	2 55.69	+35 48.3	0.986	1.932	12.5	19.0
11 7	2 44.18	+33 15.5	0.955	1.924	8.7	18.8
11 17	2 33.08	+30 5.2	0.948	1.916	8.7	18.8
11 27	2 24.47	+26 38.2	0.968	1.908	12.7	19.0
12 7	2 19.57	+23 18.4	1.011	1.900	17.6	19.2

230805 2004 FX_{104} 11 6.0 255°.94 3°.5/ 4.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 15.15	+ 9 2.5	1.697	2.512	16.2	20.6
10 8	3 10.90	+ 8 33.7	1.606	2.499	12.9	20.4
10 18	3 3.88	+ 8 0.1	1.536	2.485	8.9	20.1
10 28	2 54.68	+ 7 25.8	1.491	2.470	5.0	19.8
11 7	2 44.28	+ 6 55.9	1.472	2.455	3.8	19.7
11 17	2 33.92	+ 6 35.4	1.482	2.440	7.3	19.9
11 27	2 24.87	+ 6 28.8	1.518	2.425	11.6	20.1
12 7	2 18.11	+ 6 38.4	1.578	2.409	15.6	20.4

514003 2014 HV_{179} 11 6.0 200°.82 0°.2/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 14.83	+16 18.3	2.047	2.839	14.6	22.4
10 8	3 10.11	+16 14.6	1.958	2.837	11.6	22.2
10 18	3 3.02	+16 3.0	1.891	2.834	7.9	22.0
10 28	2 54.14	+15 44.7	1.850	2.831	3.9	21.8
11 7	2 44.35	+15 22.3	1.837	2.828	0.5	21.5
11 17	2 34.68	+14 59.0	1.854	2.824	4.8	21.8
11 27	2 26.18	+14 39.3	1.899	2.820	8.8	22.0
12 7	2 19.65	+14 26.8	1.970	2.815	12.3	22.3

268649 2006 DN_{175} 11 6.0 266°.86 4°.4/ 2.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 8.26	+ 4 39.9	2.329	3.142	12.4	20.6
10 8	3 4.54	+ 3 44.2	2.248	3.137	9.8	20.4
10 18	2 58.99	+ 2 46.9	2.190	3.133	7.0	20.2
10 28	2 52.10	+ 1 52.7	2.159	3.128	4.8	20.1
11 7	2 44.58	+ 1 6.6	2.156	3.123	4.8	20.0
11 17	2 37.18	+ 0 32.9	2.182	3.118	7.0	20.2
11 27	2 30.70	+ 0 14.6	2.235	3.114	9.8	20.3
12 7	2 25.74	+ 0 12.8	2.312	3.109	12.4	20.5

112539 2002 PB_{40} 11 6.0 38°.94 2°.6/ 4.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 9.08	+10 26.8	2.031	2.845	13.9	19.3
10 8	3 5.37	+ 9 53.6	1.963	2.856	10.9	19.1
10 18	2 59.61	+ 9 16.0	1.918	2.868	7.4	18.9
10 28	2 52.40	+ 8 37.5	1.899	2.880	3.9	18.7
11 7	2 44.55	+ 8 2.4	1.908	2.892	2.8	18.7
11 17	2 36.97	+ 7 34.9	1.945	2.904	5.8	18.9
11 27	2 30.51	+ 7 18.4	2.009	2.917	9.2	19.2
12 7	2 25.81	+ 7 14.8	2.098	2.930	12.2	19.4

389043 2008 UA_{370} 11 6.0 243°.71 3°.0/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 13.95	+ 8 58.5	2.232	3.032	13.3	21.2
10 8	3 9.26	+ 8 25.5	2.130	3.014	10.5	21.0
10 18	3 2.40	+ 7 48.1	2.051	2.996	7.3	20.8
10 28	2 53.85	+ 7 9.9	1.999	2.977	4.1	20.5
11 7	2 44.39	+ 6 34.9	1.976	2.957	3.3	20.5
11 17	2 34.93	+ 6 7.2	1.982	2.937	6.1	20.6
11 27	2 26.42	+ 5 50.8	2.018	2.916	9.7	20.8
12 7	2 19.65	+ 5 47.9	2.078	2.894	12.9	21.0

265266 2004 FO_{23} 11 6.0 130°.69 1°.2/ 6.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 17.18	+20 33.5	1.813	2.599	16.5	21.2
10 8	3 12.15	+20 30.0	1.738	2.611	13.1	21.1
10 18	3 4.47	+20 14.4	1.683	2.622	9.1	20.8
10 28	2 54.83	+19 47.1	1.654	2.632	4.8	20.6
11 7	2 44.30	+19 10.7	1.652	2.642	1.2	20.4
11 17	2 34.08	+18 29.7	1.680	2.652	4.9	20.7
11 27	2 25.34	+17 50.0	1.735	2.661	9.1	20.9
12 7	2 18.91	+17 16.9	1.816	2.670	12.8	21.2

311662 2006 SX_{15} 11 6.0 349°.62 2°.4/ 4.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 3.90	+15 52.2	1.364	2.205	18.1	19.9
10 8	3 2.56	+14 45.4	1.287	2.196	14.2	19.7
10 18	2 58.39	+13 22.5	1.230	2.187	9.6	19.4
10 28	2 52.04	+11 48.9	1.195	2.180	4.7	19.1
11 7	2 44.59	+10 13.4	1.186	2.174	2.8	18.9
11 17	2 37.35	+ 8 45.9	1.203	2.169	7.3	19.2
11 27	2 31.59	+ 7 35.8	1.244	2.166	12.2	19.5
12 7	2 28.23	+ 6 48.9	1.306	2.164	16.5	19.7

230710 2003 UL_{138} 11 6.0 14°.92 2°.1/ 4.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 9.81	+11 10.8	1.852	2.670	15.0	19.7
10 8	3 6.25	+10 56.4	1.779	2.674	11.7	19.5
10 18	3 0.39	+10 37.3	1.728	2.678	7.9	19.3
10 28	2 52.85	+10 16.7	1.702	2.684	4.0	19.1
11 7	2 44.51	+ 9 58.0	1.703	2.690	2.4	19.0
11 17	2 36.40	+ 9 45.0	1.732	2.696	5.8	19.2
11 27	2 29.50	+ 9 41.2	1.788	2.703	9.6	19.5
12 7	2 24.55	+ 9 48.7	1.868	2.711	13.0	19.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
283048 2008 EA_{143}		11 6.0 223°99 3°8/ 3.8 18				
	h m	° ′			°	m
9 28	3 15.85	+ 8 12.7	1.753	2.565	15.9	21.1
10 8	3 11.25	+ 7 38.4	1.667	2.558	12.6	20.9
10 18	3 4.00	+ 6 59.9	1.602	2.550	8.8	20.7
10 28	2 54.69	+ 6 21.7	1.563	2.541	5.0	20.4
11 7	2 44.32	+ 5 49.0	1.552	2.532	4.1	20.3
11 17	2 34.07	+ 5 26.8	1.568	2.523	7.4	20.5
11 27	2 25.14	+ 5 19.3	1.611	2.513	11.4	20.7
12 7	2 18.43	+ 5 28.4	1.678	2.503	15.1	21.0
163965 2003 UT_{82}		11 6.0 40°17 8°1/ 1.1 18				
9 28	3 10.56	+ 0 26.3	1.427	2.265	17.6	19.5
10 8	3 7.18	− 0 57.6	1.381	2.280	14.1	19.3
10 18	3 1.12	− 2 18.1	1.354	2.295	10.7	19.1
10 28	2 53.18	− 3 26.0	1.352	2.311	8.3	19.1
11 7	2 44.51	− 4 13.1	1.373	2.328	8.6	19.1
11 17	2 36.32	− 4 34.2	1.420	2.345	11.0	19.3
11 27	2 29.72	− 4 27.7	1.490	2.362	14.1	19.5
12 7	2 25.45	− 3 55.8	1.580	2.380	17.1	19.8
485893 2012 FL_{49}		11 6.0 156°11 2°3/ 4.0 18				
9 28	3 9.37	+10 34.7	2.524	3.326	11.9	22.0
10 8	3 5.24	+ 9 58.0	2.443	3.329	9.3	21.9
10 18	2 59.38	+ 9 17.0	2.385	3.332	6.3	21.7
10 28	2 52.28	+ 8 34.8	2.355	3.335	3.4	21.5
11 7	2 44.61	+ 7 54.9	2.354	3.337	2.5	21.4
11 17	2 37.09	+ 7 21.1	2.383	3.340	5.0	21.6
11 27	2 30.47	+ 6 56.6	2.441	3.342	8.0	21.8
12 7	2 25.30	+ 6 43.5	2.524	3.344	10.8	22.0
123766 2001 AH_{48}		11 6.0 320°05 0°9/ 5.4 18				
9 28	3 10.31	+14 56.5	2.139	2.940	13.8	20.5
10 8	3 6.43	+14 39.1	2.053	2.938	10.8	20.3
10 18	3 0.44	+14 14.3	1.989	2.936	7.4	20.1
10 28	2 52.88	+13 44.4	1.951	2.933	3.5	19.8
11 7	2 44.54	+13 12.4	1.941	2.931	1.1	19.6
11 17	2 36.34	+12 42.3	1.961	2.929	4.8	19.9
11 27	2 29.18	+12 18.0	2.008	2.927	8.5	20.1
12 7	2 23.79	+12 3.0	2.081	2.925	11.8	20.3
9395 Saint Michel		11 6.0 204°85 0°7/ 6.6 18				
9 28	3 13.04	+20 9.6	2.072	2.858	14.7	18.5
10 8	3 8.73	+19 53.4	1.981	2.855	11.7	18.3
10 18	3 2.09	+19 25.6	1.912	2.852	8.1	18.1
10 28	2 53.71	+18 47.4	1.869	2.848	4.1	17.8
11 7	2 44.45	+18 1.4	1.854	2.844	0.7	17.5
11 17	2 35.34	+17 12.1	1.868	2.840	4.5	17.8
11 27	2 27.39	+16 25.0	1.911	2.835	8.5	18.1
12 7	2 21.37	+15 45.2	1.979	2.830	12.0	18.3
349856 2009 DW_{19}		11 6.1 209°36 6°3/ 1.7 18				
9 28	3 13.68	− 1 26.3	2.146	2.951	13.6	21.3
10 8	3 8.92	− 2 10.8	2.068	2.947	11.1	21.1
10 18	3 2.05	− 2 51.8	2.013	2.943	8.4	20.9
10 28	2 53.63	− 3 23.7	1.984	2.939	6.6	20.8
11 7	2 44.47	− 3 41.7	1.983	2.934	6.6	20.8
11 17	2 35.48	− 3 42.3	2.010	2.929	8.6	20.9
11 27	2 27.56	− 3 24.0	2.063	2.924	11.3	21.1
12 7	2 21.42	− 2 47.5	2.140	2.918	13.9	21.3
151608 2002 VA_{73}		11 6.1 336°89 3°7/ 4.2 18				
9 28	3 10.85	+10 8.1	1.263	2.106	19.1	19.9
10 8	3 8.31	+ 9 38.4	1.189	2.097	15.2	19.6
10 18	3 2.51	+ 9 1.9	1.132	2.089	10.5	19.3
10 28	2 54.13	+ 8 23.8	1.098	2.081	5.6	19.0
11 7	2 44.41	+ 7 50.4	1.089	2.074	4.0	18.9
11 17	2 34.84	+ 7 28.6	1.104	2.068	8.3	19.2
11 27	2 26.97	+ 7 23.6	1.142	2.063	13.3	19.4
12 7	2 21.88	+ 7 37.9	1.202	2.058	17.8	19.7
381403 2008 GN_{124}		11 6.1 234°58 2°0/ 4.9 18				
9 28	3 16.40	+12 15.2	1.678	2.488	16.6	21.5
10 8	3 11.91	+12 0.0	1.590	2.480	13.1	21.2
10 18	3 4.59	+11 38.4	1.523	2.472	9.0	21.0
10 28	2 55.05	+11 12.9	1.480	2.463	4.5	20.7
11 7	2 44.32	+10 47.6	1.465	2.453	2.3	20.5
11 17	2 33.67	+10 27.0	1.478	2.444	6.4	20.8
11 27	2 24.42	+10 15.8	1.518	2.434	11.0	21.0
12 7	2 17.53	+10 17.3	1.581	2.423	15.0	21.3
201199 2002 PE_{123}		11 6.1 221°43 6°2/11.1 18				
9 28	3 15.63	+35 41.5	2.198	2.913	15.9	20.8
10 8	3 11.12	+36 6.0	2.099	2.907	13.7	20.6
10 18	3 3.95	+36 12.0	2.019	2.900	11.0	20.4
10 28	2 54.70	+35 56.1	1.962	2.893	8.3	20.2
11 7	2 44.35	+35 17.3	1.931	2.885	6.4	20.1
11 17	2 34.11	+34 17.6	1.927	2.878	6.7	20.1
11 27	2 25.17	+33 3.2	1.952	2.869	8.8	20.2
12 7	2 18.47	+31 42.2	2.003	2.861	11.6	20.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
396753 2003 UZ_{31}		11 6.1 38°55 4°5/ 8.0 18				
	h m	° ′			°	m
9 28	3 20.13	+23 46.4	1.565	2.348	18.8	20.8
10 8	3 15.27	+24 58.5	1.492	2.357	15.4	20.6
10 18	3 7.11	+25 59.3	1.439	2.366	11.4	20.4
10 28	2 56.33	+26 44.9	1.409	2.376	7.2	20.2
11 7	2 44.21	+27 12.7	1.405	2.386	4.6	20.0
11 17	2 32.27	+27 23.5	1.429	2.396	6.4	20.2
11 27	2 22.08	+27 21.9	1.480	2.407	10.3	20.4
12 7	2 14.74	+27 14.7	1.554	2.418	14.0	20.7
246402 2007 UB_{81}		11 6.1 112°02 0°6/ 6.6 17				
9 28	3 11.03	+18 34.9	2.730	3.507	11.7	20.7
10 8	3 6.50	+18 41.0	2.644	3.513	9.3	20.6
10 18	3 0.24	+18 40.2	2.581	3.519	6.4	20.4
10 28	2 52.72	+18 33.2	2.546	3.525	3.3	20.2
11 7	2 44.60	+18 21.3	2.540	3.531	0.7	20.0
11 17	2 36.60	+18 6.7	2.565	3.536	3.5	20.2
11 27	2 29.46	+17 52.4	2.619	3.542	6.6	20.4
12 7	2 23.76	+17 41.3	2.701	3.548	9.3	20.6
232932 2005 AY_{51}		11 6.1 259°36 4°5/ 2.2 17				
9 28	3 9.51	+ 2 30.5	2.564	3.369	11.6	21.4
10 8	3 5.41	+ 1 50.3	2.473	3.357	9.3	21.2
10 18	2 59.57	+ 1 10.4	2.406	3.344	6.8	21.0
10 28	2 52.42	+ 0 34.9	2.366	3.331	4.8	20.9
11 7	2 44.63	+ 0 7.8	2.355	3.318	4.8	20.9
11 17	2 36.90	− 0 7.4	2.372	3.305	6.7	21.0
11 27	2 29.98	− 0 8.6	2.418	3.291	9.3	21.1
12 7	2 24.47	+ 0 5.1	2.488	3.278	11.8	21.3
142536 2002 TE_{49}		11 6.1 79°28 0°2/ 5.8 18				
9 28	3 10.65	+20 20.3	1.875	2.672	15.6	19.5
10 8	3 6.88	+19 20.6	1.801	2.682	12.3	19.3
10 18	3 0.78	+18 6.0	1.748	2.692	8.4	19.0
10 28	2 53.02	+16 40.0	1.721	2.703	4.0	18.8
11 7	2 44.57	+15 8.2	1.722	2.713	0.6	18.6
11 17	2 36.45	+13 38.1	1.752	2.723	5.0	18.9
11 27	2 29.65	+12 17.0	1.811	2.733	9.1	19.2
12 7	2 24.85	+11 10.7	1.895	2.743	12.7	19.4
334344 2001 XJ_{233}		11 6.1 17°36 0°3/ 6.2 18				
9 28	3 10.20	+17 30.2	1.119	1.961	21.1	19.5
10 8	3 8.05	+17 33.5	1.061	1.967	16.8	19.3
10 18	3 2.39	+17 23.4	1.020	1.975	11.5	19.0
10 28	2 54.04	+17 1.7	1.001	1.985	5.7	18.7
11 7	2 44.46	+16 32.6	1.005	1.996	0.6	18.4
11 17	2 35.32	+16 2.3	1.033	2.008	6.5	18.9
11 27	2 28.20	+15 38.2	1.084	2.021	12.0	19.2
12 7	2 24.12	+15 25.7	1.157	2.036	16.6	19.5
385261 2001 QS_{158}		11 6.1 14°17 5°3/ 3.5 18				
9 28	3 4.34	+ 9 44.1	0.909	1.785	22.0	19.2
10 8	3 3.76	+ 8 45.8	0.865	1.792	17.2	19.0
10 18	2 59.55	+ 7 39.7	0.838	1.801	11.8	18.7
10 28	2 52.65	+ 6 34.9	0.830	1.813	6.7	18.5
11 7	2 44.61	+ 5 42.0	0.844	1.827	5.7	18.5
11 17	2 37.15	+ 5 9.7	0.879	1.843	10.0	18.8
11 27	2 31.80	+ 5 3.0	0.936	1.861	14.9	19.1
12 7	2 29.47	+ 5 22.0	1.010	1.880	19.3	19.5
477298 2009 SY_{203}		11 6.1 2°89 0°2/ 6.2 16				
9 28	3 6.03	+18 42.3	1.038	1.889	21.7	20.7
10 8	3 5.13	+18 29.0	0.975	1.887	17.3	20.4
10 18	3 0.62	+17 58.2	0.929	1.886	12.0	20.1
10 28	2 53.28	+17 12.2	0.903	1.887	5.9	19.8
11 7	2 44.54	+16 17.1	0.899	1.890	0.6	19.5
11 17	2 36.13	+15 21.6	0.918	1.894	6.9	19.9
11 27	2 29.74	+14 35.2	0.960	1.900	12.7	20.3
12 7	2 26.46	+14 5.1	1.022	1.908	17.7	20.6
185838 2000 CB_{11}		11 6.1 317°62 5°9/ 2.6 18				
9 28	3 11.37	+ 6 6.3	1.398	2.236	17.9	19.9
10 8	3 8.30	+ 5 3.7	1.325	2.229	14.2	19.7
10 18	3 2.27	+ 3 56.8	1.271	2.222	10.1	19.4
10 28	2 53.95	+ 2 52.8	1.241	2.215	6.6	19.2
11 7	2 44.47	+ 2 0.3	1.235	2.209	6.4	19.2
11 17	2 35.19	+ 1 26.6	1.255	2.203	9.7	19.3
11 27	2 27.47	+ 1 16.4	1.299	2.198	13.9	19.6
12 7	2 22.27	+ 1 30.6	1.364	2.192	17.7	19.8
33019 1997 ME_{3}		11 6.1 40°02 0°3/ 6.2 18				
9 28	3 14.89	+17 51.3	1.035	1.875	22.6	17.8
10 8	3 11.86	+17 50.5	0.985	1.890	17.9	17.6
10 18	3 4.99	+17 35.1	0.951	1.905	12.3	17.3
10 28	2 55.27	+17 6.8	0.938	1.922	6.0	17.1
11 7	2 44.35	+16 30.5	0.948	1.939	0.6	16.7
11 17	2 34.09	+15 53.4	0.983	1.957	6.8	17.2
11 27	2 26.17	+15 23.6	1.040	1.976	12.5	17.6
12 7	2 21.59	+15 7.1	1.118	1.995	17.3	18.0

486161 2012 XR_{123} 11 6.1 343°.78 0°.5/ 6.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 9.73	+24 41.6	1.631	2.427	17.6	20.4
10 8	3 6.71	+23 18.5	1.545	2.424	14.1	20.2
10 18	3 0.97	+21 31.2	1.479	2.421	9.8	19.9
10 28	2 53.22	+19 23.0	1.439	2.419	5.0	19.6
11 7	2 44.55	+17 1.7	1.426	2.417	0.5	19.3
11 17	2 36.21	+14 38.6	1.443	2.415	5.5	19.7
11 27	2 29.35	+12 26.0	1.488	2.414	10.3	19.9
12 7	2 24.82	+10 33.3	1.558	2.413	14.5	20.2

117169 2004 RZ_{33} 11 6.1 2°.49 3°.6/ 8.2 18

9 28	3 13.64	+24 57.0	1.914	2.689	16.1	19.6
10 8	3 9.60	+25 34.9	1.828	2.689	13.2	19.4
10 18	3 2.94	+26 0.7	1.763	2.689	9.7	19.2
10 28	2 54.23	+26 12.4	1.722	2.689	6.1	19.0
11 7	2 44.44	+26 9.9	1.708	2.690	3.7	18.9
11 17	2 34.75	+25 55.0	1.722	2.691	5.3	19.0
11 27	2 26.35	+25 32.5	1.764	2.692	8.8	19.2
12 7	2 20.15	+25 8.0	1.830	2.694	12.2	19.4

15827 1995 AO_{1} 11 6.1 278°.12 1°.2/ 5.1 18

9 28	3 11.24	+16 28.3	2.140	2.937	13.9	18.6
10 8	3 7.43	+15 41.1	2.025	2.908	11.1	18.3
10 18	3 1.35	+14 42.0	1.931	2.877	7.6	18.1
10 28	2 53.45	+13 33.2	1.864	2.847	3.7	17.8
11 7	2 44.52	+12 19.3	1.826	2.816	1.4	17.5
11 17	2 35.51	+11 6.0	1.818	2.784	5.4	17.8
11 27	2 27.44	+10 0.1	1.838	2.752	9.5	17.9
12 7	2 21.17	+ 9 6.9	1.884	2.719	13.2	18.1

386758 2010 CJ_{68} 11 6.1 109°.81 3°.8/ 3.3 18

9 28	3 12.96	+ 8 49.0	1.881	2.694	14.9	21.5
10 8	3 8.51	+ 7 49.8	1.816	2.708	11.7	21.3
10 18	3 1.80	+ 6 46.1	1.774	2.722	8.0	21.1
10 28	2 53.50	+ 5 43.0	1.758	2.735	4.7	20.9
11 7	2 44.54	+ 4 46.6	1.770	2.748	4.1	20.9
11 17	2 35.92	+ 4 2.1	1.810	2.761	7.0	21.1
11 27	2 28.59	+ 3 33.7	1.878	2.773	10.4	21.3
12 7	2 23.23	+ 3 22.9	1.969	2.785	13.5	21.6

101687 1999 CA_{117} 11 6.1 272°.04 4°.1/ 9.2 18

9 28	3 12.50	+29 7.4	2.045	2.802	15.8	20.0
10 8	3 8.66	+29 18.1	1.947	2.793	13.1	19.7
10 18	3 2.28	+29 12.6	1.868	2.783	9.9	19.5
10 28	2 53.91	+28 49.0	1.814	2.773	6.6	19.3
11 7	2 44.48	+28 7.7	1.786	2.763	4.2	19.1
11 17	2 35.11	+27 12.0	1.786	2.753	5.3	19.2
11 27	2 26.98	+26 8.0	1.815	2.743	8.6	19.4
12 7	2 20.96	+25 3.2	1.869	2.733	12.0	19.6

449528 2014 HW_{32} 11 6.1 197°.91 0°.3/ 5.8 18

9 28	3 16.91	+14 51.2	2.235	3.020	13.8	21.4
10 8	3 11.57	+14 59.1	2.142	3.017	10.9	21.2
10 18	3 3.96	+15 1.6	2.072	3.014	7.5	21.0
10 28	2 54.64	+14 59.3	2.029	3.010	3.6	20.8
11 7	2 44.43	+14 54.0	2.016	3.006	0.6	20.5
11 17	2 34.31	+14 48.2	2.032	3.002	4.5	20.8
11 27	2 25.26	+14 45.0	2.079	2.997	8.3	21.0
12 7	2 18.06	+14 47.2	2.152	2.991	11.7	21.3

91741 1999 TL_{178} 11 6.1 322°.45 2°.4/ 7.8 17

9 28	3 9.87	+24 14.0	1.979	2.762	15.4	20.0
10 8	3 6.55	+24 15.3	1.885	2.753	12.5	19.8
10 18	3 0.80	+24 2.9	1.811	2.744	9.0	19.6
10 28	2 53.19	+23 36.3	1.762	2.735	5.3	19.3
11 7	2 44.59	+22 57.2	1.740	2.726	2.5	19.2
11 17	2 36.07	+22 9.3	1.745	2.718	4.7	19.3
11 27	2 28.72	+21 18.6	1.779	2.710	8.5	19.5
12 7	2 23.37	+20 31.2	1.837	2.702	12.1	19.7

257391 2009 SD_{200} 11 6.1 80°.02 3°.0/ 8.3 17

9 28	3 12.91	+25 32.1	2.271	3.033	14.2	20.2
10 8	3 8.54	+25 52.1	2.184	3.037	11.6	20.0
10 18	3 1.95	+26 0.3	2.117	3.040	8.5	19.8
10 28	2 53.68	+25 55.5	2.077	3.043	5.3	19.6
11 7	2 44.58	+25 38.4	2.064	3.046	3.1	19.5
11 17	2 35.61	+25 11.3	2.080	3.049	4.5	19.6
11 27	2 27.74	+24 38.7	2.125	3.052	7.6	19.8
12 7	2 21.72	+24 5.7	2.196	3.055	10.7	20.0

250503 2004 GY_{4} 11 6.1 255°.82 3°.0/ 3.4 18

9 28	3 9.51	+11 23.2	2.116	2.926	13.6	20.8
10 8	3 5.85	+10 16.5	2.024	2.915	10.7	20.6
10 18	3 0.11	+ 9 1.5	1.955	2.903	7.3	20.4
10 28	2 52.79	+ 7 42.8	1.912	2.892	4.0	20.2
11 7	2 44.68	+ 6 26.4	1.899	2.880	3.4	20.1
11 17	2 36.67	+ 5 18.2	1.914	2.868	6.4	20.3
11 27	2 29.68	+ 4 24.1	1.958	2.856	9.9	20.5
12 7	2 24.41	+ 3 47.2	2.025	2.843	13.1	20.7

360973 2005 UV_{235} 11 6.1 79°.05 2°.3/ 4.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 12.19	+10 25.4	2.081	2.888	13.9	21.1
10 8	3 7.82	+10 5.6	2.008	2.896	10.9	20.9
10 18	3 1.34	+ 9 41.9	1.957	2.905	7.4	20.7
10 28	2 53.33	+ 9 17.3	1.933	2.913	3.8	20.5
11 7	2 44.63	+ 8 55.2	1.936	2.922	2.5	20.4
11 17	2 36.16	+ 8 39.3	1.969	2.930	5.5	20.7
11 27	2 28.83	+ 8 32.5	2.030	2.939	9.0	20.9
12 7	2 23.30	+ 8 36.7	2.116	2.947	12.1	21.1

307798 2003 WX_{124} 11 6.1 280°.92 8°.7/14.1 17

9 28	3 15.22	+43 1.1	1.972	2.657	18.4	20.1
10 8	3 11.36	+43 20.2	1.879	2.654	16.3	20.0
10 18	3 4.37	+43 13.8	1.802	2.650	13.7	19.8
10 28	2 55.00	+42 36.9	1.746	2.647	11.2	19.6
11 7	2 44.46	+41 27.5	1.713	2.644	9.2	19.5
11 17	2 34.21	+39 48.5	1.707	2.640	8.8	19.5
11 27	2 25.67	+37 48.2	1.727	2.637	10.2	19.5
12 7	2 19.81	+35 38.2	1.773	2.634	12.7	19.7

291842 2006 MY_{7} 11 6.1 62°.59 1°.8/ 4.9 18

9 28	3 12.14	+13 20.1	1.759	2.573	15.8	20.8
10 8	3 8.20	+12 50.6	1.688	2.581	12.4	20.6
10 18	3 1.80	+12 13.5	1.639	2.589	8.4	20.4
10 28	2 53.61	+11 32.1	1.614	2.597	4.1	20.2
11 7	2 44.61	+10 51.1	1.617	2.605	2.1	20.1
11 17	2 35.89	+10 15.6	1.648	2.613	5.9	20.3
11 27	2 28.52	+ 9 50.2	1.705	2.622	9.9	20.6
12 7	2 23.26	+ 9 38.0	1.787	2.630	13.5	20.8

14638 1998 WQ_{1} 11 6.1 322°.16 0°.3/ 5.9 17

9 28	3 8.54	+17 4.6	2.033	2.837	14.3	18.6
10 8	3 5.32	+16 46.3	1.939	2.825	11.3	18.4
10 18	2 59.87	+16 18.5	1.867	2.814	7.8	18.2
10 28	2 52.73	+15 42.9	1.820	2.802	3.8	17.9
11 7	2 44.69	+15 2.9	1.801	2.791	0.6	17.6
11 17	2 36.72	+14 22.7	1.810	2.781	4.8	17.9
11 27	2 29.80	+13 47.2	1.847	2.771	8.8	18.1
12 7	2 24.71	+13 20.9	1.908	2.761	12.3	18.3

409655 2005 YS_{61} 11 6.1 274°.53 4°.3/ 2.9 18

9 28	3 10.93	+ 4 10.6	2.216	3.026	13.1	21.3
10 8	3 6.78	+ 3 37.1	2.134	3.021	10.4	21.1
10 18	3 0.64	+ 3 3.4	2.074	3.016	7.4	20.9
10 28	2 53.02	+ 2 33.7	2.040	3.011	4.9	20.8
11 7	2 44.67	+ 2 12.3	2.035	3.006	4.6	20.7
11 17	2 36.45	+ 2 2.6	2.058	3.001	6.9	20.9
11 27	2 29.22	+ 2 7.0	2.109	2.995	9.9	21.0
12 7	2 23.65	+ 2 26.1	2.184	2.990	12.7	21.2

111598 2002 AC_{79} 11 6.1 345°.83 1°.7/ 5.0 18

9 28	3 9.81	+13 22.8	1.723	2.542	15.8	20.0
10 8	3 6.61	+13 3.0	1.642	2.537	12.5	19.7
10 18	3 0.89	+12 35.7	1.581	2.532	8.5	19.5
10 28	2 53.25	+12 3.8	1.545	2.528	4.2	19.2
11 7	2 44.65	+11 31.5	1.535	2.524	1.9	19.1
11 17	2 36.19	+11 3.5	1.553	2.521	5.9	19.3
11 27	2 29.00	+10 44.6	1.598	2.518	10.2	19.6
12 7	2 23.92	+10 38.2	1.666	2.516	13.9	19.8

73947 1997 TV_{3} 11 6.1 55°.31 1°.5/ 7.2 18

9 28	3 12.06	+21 9.1	2.140	2.923	14.4	19.2
10 8	3 7.78	+21 16.0	2.067	2.937	11.4	19.0
10 18	3 1.35	+21 12.7	2.016	2.952	8.0	18.8
10 28	2 53.35	+20 59.3	1.990	2.966	4.3	18.6
11 7	2 44.65	+20 37.9	1.992	2.981	1.5	18.5
11 17	2 36.19	+20 11.4	2.023	2.996	4.2	18.7
11 27	2 28.90	+19 44.2	2.083	3.011	7.7	18.9
12 7	2 23.47	+19 20.6	2.169	3.026	10.9	19.2

323605 2004 TL_{344} 11 6.1 50°.53 0°.3/ 5.8 18

9 28	3 9.02	+19 2.7	1.997	2.796	14.7	20.2
10 8	3 5.49	+18 16.2	1.924	2.807	11.5	20.0
10 18	2 59.80	+17 17.5	1.873	2.818	7.8	19.8
10 28	2 52.59	+16 9.7	1.847	2.830	3.8	19.5
11 7	2 44.73	+14 57.5	1.850	2.841	0.6	19.3
11 17	2 37.16	+13 46.9	1.882	2.853	4.7	19.7
11 27	2 30.78	+12 43.9	1.943	2.865	8.5	19.9
12 7	2 26.24	+11 53.1	2.028	2.877	11.9	20.2

348006 2003 SG_{258} 11 6.1 26°.65 5°.2/ 8.3 18

9 28	3 18.31	+24 47.6	1.410	2.202	20.1	20.0
10 8	3 14.20	+26 3.6	1.343	2.211	16.5	19.7
10 18	3 6.59	+27 6.4	1.293	2.221	12.3	19.5
10 28	2 56.19	+27 51.4	1.266	2.232	8.0	19.3
11 7	2 44.36	+28 15.9	1.265	2.243	5.3	19.2
11 17	2 32.78	+28 21.0	1.289	2.256	7.0	19.3
11 27	2 23.11	+28 12.3	1.338	2.268	10.8	19.6
12 7	2 16.49	+27 57.5	1.411	2.282	14.7	19.9

192191 2007 GH_{39} 11 6.1 127°.49 0°.3/ 5.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 10.84	+16 39.4	2.669	3.453	11.8	21.0
10 8	3 6.32	+16 22.4	2.590	3.464	9.2	20.9
10 18	3 0.11	+15 58.5	2.533	3.475	6.3	20.7
10 28	2 52.70	+15 29.3	2.504	3.485	3.0	20.5
11 7	2 44.74	+14 57.4	2.505	3.496	0.5	20.3
11 17	2 36.97	+14 25.7	2.536	3.505	3.8	20.6
11 27	2 30.09	+13 57.7	2.597	3.515	6.9	20.8
12 7	2 24.66	+13 36.2	2.685	3.524	9.6	21.0

54691 2001 EL_{6} 11 6.1 57°.97 5°.7/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 8.90	+ 0 56.0	2.223	3.037	12.9	19.1
10 8	3 5.10	− 0 5.1	2.153	3.040	10.3	18.9
10 18	2 59.42	− 1 4.8	2.107	3.043	7.7	18.8
10 28	2 52.40	− 1 57.6	2.087	3.046	5.9	18.7
11 7	2 44.77	− 2 38.3	2.094	3.048	6.1	18.7
11 17	2 37.33	− 3 3.0	2.129	3.051	8.0	18.8
11 27	2 30.88	− 3 9.2	2.191	3.054	10.6	19.0
12 7	2 26.03	− 2 57.0	2.275	3.057	13.0	19.2

293899 2007 RR_{302} 11 6.1 66°.30 1°.4/ 5.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 18.90	+14 44.3	1.189	2.016	21.1	20.9
10 8	3 14.38	+14 27.5	1.140	2.039	16.5	20.7
10 18	3 6.37	+14 0.3	1.109	2.061	11.1	20.5
10 28	2 55.88	+13 26.1	1.101	2.084	5.3	20.2
11 7	2 44.45	+12 50.3	1.117	2.107	1.7	20.1
11 17	2 33.73	+12 19.4	1.159	2.130	6.9	20.5
11 27	2 25.20	+11 59.3	1.227	2.153	12.0	20.8
12 7	2 19.75	+11 53.8	1.316	2.175	16.4	21.2

48817 1997 WV_{13} 11 6.1 194°.51 1°.5/ 7.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 10.82	+22 16.1	2.746	3.512	11.9	19.2
10 8	3 6.46	+22 15.2	2.651	3.511	9.6	19.1
10 18	3 0.31	+22 4.9	2.578	3.509	6.8	18.9
10 28	2 52.85	+21 45.7	2.533	3.507	3.8	18.7
11 7	2 44.74	+21 18.9	2.517	3.505	1.5	18.5
11 17	2 36.72	+20 47.0	2.531	3.502	3.5	18.7
11 27	2 29.55	+20 13.8	2.575	3.500	6.6	18.9
12 7	2 23.84	+19 43.0	2.646	3.497	9.4	19.1

180444 2004 BY_{113} 11 6.1 162°.80 1°.5/ 5.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 15.28	+14 56.2	1.814	2.616	15.8	20.9
10 8	3 10.66	+14 20.6	1.735	2.621	12.5	20.7
10 18	3 3.51	+13 35.3	1.678	2.625	8.5	20.5
10 28	2 54.48	+12 43.6	1.646	2.629	4.1	20.3
11 7	2 44.58	+11 50.3	1.643	2.632	1.7	20.1
11 17	2 34.93	+11 0.8	1.668	2.634	5.7	20.4
11 27	2 26.64	+10 20.8	1.721	2.636	9.9	20.6
12 7	2 20.53	+ 9 54.4	1.799	2.638	13.6	20.9

33789 Sharmacam 11 6.1 174°.25 2°.3/ 4.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 14.82	+10 51.9	2.097	2.897	14.1	18.8
10 8	3 9.95	+10 27.9	2.015	2.899	11.0	18.6
10 18	3 2.85	+ 9 59.2	1.955	2.901	7.5	18.4
10 28	2 54.13	+ 9 28.7	1.922	2.903	3.9	18.2
11 7	2 44.62	+ 9 0.2	1.918	2.903	2.5	18.1
11 17	2 35.29	+ 8 37.5	1.943	2.904	5.6	18.3
11 27	2 27.10	+ 8 24.2	1.997	2.904	9.3	18.5
12 7	2 20.78	+ 8 22.6	2.076	2.903	12.5	18.7

243058 2007 EB_{24} 11 6.1 83°.12 1°.7/ 4.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 11.20	+12 21.9	2.252	3.053	13.2	20.8
10 8	3 6.87	+11 59.5	2.180	3.066	10.3	20.6
10 18	3 0.61	+11 32.0	2.131	3.078	6.9	20.4
10 28	2 52.97	+11 2.1	2.109	3.091	3.4	20.2
11 7	2 44.74	+10 33.0	2.116	3.103	1.9	20.1
11 17	2 36.74	+10 8.4	2.152	3.116	4.9	20.3
11 27	2 29.79	+ 9 51.4	2.217	3.128	8.2	20.6
12 7	2 24.51	+ 9 44.4	2.307	3.140	11.2	20.8

244804 2003 SJ_{273} 11 6.1 354°.43 4°.1/ 2.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 8.20	+20 2.0	1.364	2.189	18.9	19.3
10 8	3 5.86	+16 51.7	1.282	2.184	14.8	19.1
10 18	3 0.58	+13 8.4	1.224	2.180	9.9	18.8
10 28	2 53.13	+ 9 4.3	1.194	2.177	5.2	18.5
11 7	2 44.73	+ 4 59.4	1.195	2.175	5.1	18.5
11 17	2 36.72	+ 1 15.2	1.225	2.174	9.8	18.8
11 27	2 30.37	− 1 51.0	1.284	2.174	14.6	19.0
12 7	2 26.51	− 4 11.3	1.365	2.175	18.7	19.3

227055 2005 EE_{39} 11 6.1 304°.40 5°.1/ 1.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 7.01	+ 5 27.1	2.132	2.953	13.2	20.5
10 8	3 3.99	+ 4 9.9	2.032	2.927	10.5	20.2
10 18	2 58.94	+ 2 47.6	1.956	2.901	7.6	20.0
10 28	2 52.30	+ 1 26.0	1.906	2.875	5.4	19.8
11 7	2 44.80	+ 0 11.8	1.883	2.849	5.5	19.8
11 17	2 37.29	− 0 48.6	1.889	2.823	8.1	19.9
11 27	2 30.68	− 1 30.2	1.921	2.798	11.2	20.0
12 7	2 25.70	− 1 50.6	1.976	2.772	14.3	20.2

175514 2006 SW_{35} 11 6.1 39°.18 3°.2/ 4.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 12.63	+ 8 49.4	1.822	2.637	15.3	19.9
10 8	3 8.53	+ 8 24.9	1.747	2.640	12.0	19.6
10 18	3 2.04	+ 7 56.9	1.695	2.644	8.2	19.4
10 28	2 53.77	+ 7 29.5	1.667	2.647	4.5	19.2
11 7	2 44.67	+ 7 6.8	1.668	2.651	3.4	19.2
11 17	2 35.79	+ 6 52.9	1.696	2.654	6.6	19.4
11 27	2 28.19	+ 6 51.2	1.751	2.658	10.3	19.6
12 7	2 22.62	+ 7 3.3	1.830	2.662	13.7	19.8

461151 2015 TT_{114} 11 6.1 134°.90 4°.3/ 2.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 10.37	+ 4 12.0	2.357	3.165	12.5	21.1
10 8	3 6.14	+ 3 27.5	2.283	3.170	9.8	20.9
10 18	3 0.09	+ 2 42.7	2.233	3.175	7.0	20.8
10 28	2 52.73	+ 2 1.7	2.210	3.179	4.7	20.6
11 7	2 44.79	+ 1 29.1	2.216	3.184	4.6	20.6
11 17	2 37.03	+ 1 8.1	2.250	3.188	6.7	20.8
11 27	2 30.23	+ 1 1.4	2.312	3.192	9.4	21.0
12 7	2 24.98	+ 1 9.6	2.398	3.196	12.0	21.1

479679 2014 DA_{84} 11 6.1 70°.38 2°.5/ 4.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 12.89	+11 53.6	1.685	2.502	16.2	21.1
10 8	3 8.92	+11 20.5	1.614	2.508	12.7	20.9
10 18	3 2.38	+10 40.5	1.564	2.515	8.6	20.7
10 28	2 53.95	+ 9 57.7	1.539	2.521	4.4	20.4
11 7	2 44.66	+ 9 17.0	1.541	2.527	2.8	20.3
11 17	2 35.66	+ 8 43.7	1.571	2.534	6.4	20.6
11 27	2 28.05	+ 8 22.5	1.627	2.540	10.5	20.8
12 7	2 22.65	+ 8 16.0	1.707	2.547	14.2	21.1

244720 2003 QZ_{81} 11 6.1 18°.75 7°.6/31.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 7.70	− 1 57.5	1.855	2.681	14.6	19.9
10 8	3 4.53	− 3 17.4	1.796	2.685	11.9	19.7
10 18	2 59.21	− 4 33.4	1.759	2.691	9.3	19.6
10 28	2 52.36	− 5 37.9	1.747	2.697	7.8	19.5
11 7	2 44.84	− 6 24.3	1.762	2.703	8.1	19.6
11 17	2 37.59	− 6 48.1	1.801	2.710	10.1	19.7
11 27	2 31.50	− 6 47.2	1.865	2.717	12.7	19.9
12 7	2 27.23	− 6 22.9	1.950	2.725	15.2	20.1

354679 2005 OQ_{3} 11 6.1 109°.18 5°.1/10.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 17.14	+31 46.3	2.236	2.966	15.3	21.1
10 8	3 11.98	+32 19.9	2.157	2.980	12.8	20.9
10 18	3 4.36	+32 38.1	2.099	2.994	10.0	20.7
10 28	2 54.91	+32 38.1	2.064	3.008	7.1	20.6
11 7	2 44.58	+32 19.7	2.057	3.022	5.2	20.5
11 17	2 34.49	+31 45.0	2.079	3.035	5.7	20.6
11 27	2 25.72	+30 59.2	2.129	3.048	8.1	20.7
12 7	2 19.06	+30 8.9	2.205	3.061	10.8	20.9

475033 2005 UN_{37} 11 6.1 290°.01 1°.8/ 5.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 14.93	+12 23.1	1.580	2.397	17.2	21.4
10 8	3 11.07	+12 18.7	1.491	2.384	13.6	21.1
10 18	3 4.26	+12 8.3	1.421	2.371	9.4	20.9
10 28	2 55.07	+11 54.3	1.375	2.358	4.7	20.6
11 7	2 44.56	+11 40.0	1.356	2.345	2.0	20.3
11 17	2 34.06	+11 29.7	1.364	2.332	6.5	20.6
11 27	2 24.96	+11 27.9	1.399	2.320	11.3	20.9
12 7	2 18.32	+11 37.8	1.456	2.307	15.5	21.1

186728 2004 CH_{2} 11 6.1 187°.39 5°.2/ 2.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 14.43	+ 4 59.2	1.911	2.723	14.8	21.0
10 8	3 9.81	+ 3 53.7	1.834	2.723	11.7	20.8
10 18	3 2.86	+ 2 45.5	1.780	2.722	8.4	20.6
10 28	2 54.17	+ 1 40.7	1.751	2.720	5.7	20.4
11 7	2 44.67	+ 0 45.9	1.751	2.718	5.6	20.4
11 17	2 35.37	+ 0 6.5	1.778	2.716	8.2	20.6
11 27	2 27.30	− 0 13.6	1.833	2.712	11.5	20.8
12 7	2 21.21	− 0 13.5	1.910	2.708	14.6	21.0

197341 2003 WU_{181} 11 6.1 1°.44 4°.3/ 9.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 9.20	+30 9.8	2.033	2.793	15.8	19.5
10 8	3 6.02	+30 14.3	1.946	2.792	13.1	19.3
10 18	3 0.45	+30 1.4	1.878	2.792	10.0	19.1
10 28	2 53.06	+29 29.8	1.834	2.792	6.7	19.0
11 7	2 44.78	+28 40.7	1.817	2.793	4.4	18.8
11 17	2 36.67	+27 37.8	1.827	2.794	5.2	18.9
11 27	2 29.80	+26 27.6	1.865	2.795	8.2	19.1
12 7	2 24.96	+25 17.6	1.928	2.797	11.4	19.3

101186 1998 SD_{13} 11 6.1 116°.76 4°.4/ 3.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 14.66	+ 7 56.6	1.652	2.471	16.4	20.2
10 8	3 10.23	+ 6 58.8	1.588	2.482	12.9	20.0
10 18	3 3.23	+ 5 56.7	1.544	2.492	9.0	19.8
10 28	2 54.35	+ 4 56.2	1.526	2.502	5.4	19.6
11 7	2 44.68	+ 4 3.9	1.535	2.512	4.8	19.6
11 17	2 35.36	+ 3 25.6	1.571	2.522	7.9	19.8
11 27	2 27.52	+ 3 5.5	1.634	2.531	11.6	20.1
12 7	2 21.92	+ 3 5.0	1.719	2.539	15.0	20.3

11423 Cronin 11 6.1 19.°92 1.°6/ 7.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 10.73	+22 29.5	1.422	2.233	19.0	17.3
10 8	3 7.94	+22 13.7	1.350	2.237	15.2	17.0
10 18	3 2.10	+21 40.3	1.298	2.241	10.7	16.8
10 28	2 53.95	+20 50.1	1.267	2.246	5.7	16.5
11 7	2 44.71	+19 47.4	1.262	2.252	1.6	16.3
11 17	2 35.79	+18 39.1	1.284	2.259	5.6	16.6
11 27	2 28.56	+17 34.2	1.331	2.266	10.4	16.9
12 7	2 23.93	+16 40.2	1.401	2.273	14.8	17.1

268342 2005 SW_{163} 11 6.1 25.°10 2.°3/ 5.1 18

9 28	3 14.96	+11 6.1	1.257	2.092	19.7	19.8
10 8	3 11.42	+11 7.6	1.195	2.098	15.5	19.5
10 18	3 4.55	+11 4.3	1.151	2.105	10.6	19.3
10 28	2 55.16	+10 59.0	1.130	2.113	5.3	19.0
11 7	2 44.59	+10 55.8	1.134	2.122	2.5	18.9
11 17	2 34.40	+10 58.7	1.163	2.132	7.2	19.2
11 27	2 26.10	+11 11.6	1.216	2.142	12.2	19.5
12 7	2 20.67	+11 36.5	1.292	2.153	16.5	19.8

253426 2003 QD_{53} 11 6.1 72.°35 3.°7/ 7.9 17

9 28	3 21.95	+23 49.1	1.319	2.113	21.1	20.0
10 8	3 16.88	+24 25.8	1.264	2.136	17.0	19.8
10 18	3 8.22	+24 46.1	1.226	2.159	12.3	19.5
10 28	2 56.89	+24 47.5	1.210	2.182	7.3	19.3
11 7	2 44.43	+24 30.7	1.220	2.205	3.7	19.2
11 17	2 32.60	+24 0.1	1.256	2.228	6.3	19.4
11 27	2 22.97	+23 23.6	1.318	2.250	10.8	19.7
12 7	2 16.54	+22 49.7	1.403	2.273	14.9	20.0

466918 2015 TB_{107} 11 6.1 334.°56 2.°0/ 4.4 18

9 28	3 7.64	+14 45.7	1.930	2.744	14.6	20.6
10 8	3 4.62	+13 46.7	1.845	2.738	11.4	20.4
10 18	2 59.39	+12 36.9	1.782	2.733	7.7	20.2
10 28	2 52.52	+11 20.6	1.745	2.728	3.8	19.9
11 7	2 44.86	+10 3.5	1.736	2.723	2.3	19.8
11 17	2 37.35	+ 8 52.2	1.755	2.719	5.8	20.1
11 27	2 30.97	+ 7 52.9	1.802	2.715	9.7	20.3
12 7	2 26.42	+ 7 9.9	1.873	2.711	13.2	20.5

99049 2001 EX_{13} 11 6.1 267.°92 0.°4/ 6.3 18

9 28	3 16.54	+16 39.0	1.947	2.739	15.3	20.0
10 8	3 11.93	+16 53.9	1.843	2.721	12.3	19.7
10 18	3 4.66	+17 1.8	1.760	2.702	8.5	19.5
10 28	2 55.25	+17 3.1	1.703	2.684	4.3	19.2
11 7	2 44.58	+16 58.8	1.674	2.665	0.5	18.8
11 17	2 33.81	+16 51.6	1.674	2.645	5.0	19.2
11 27	2 24.15	+16 45.2	1.702	2.626	9.4	19.4
12 7	2 16.61	+16 43.8	1.756	2.606	13.4	19.6

219880 2002 EO_{8} 11 6.1 162.°81 4.°0/ 2.6 18

9 28	3 9.29	+ 6 26.1	2.329	3.140	12.5	21.0
10 8	3 5.37	+ 5 27.0	2.252	3.141	9.8	20.8
10 18	2 59.62	+ 4 25.1	2.199	3.143	6.9	20.6
10 28	2 52.55	+ 3 25.1	2.173	3.145	4.5	20.5
11 7	2 44.88	+ 2 32.0	2.175	3.146	4.3	20.5
11 17	2 37.38	+ 1 50.2	2.206	3.148	6.6	20.6
11 27	2 30.82	+ 1 23.2	2.265	3.149	9.4	20.8
12 7	2 25.81	+ 1 12.4	2.349	3.150	12.1	21.0

412824 2014 PF_{41} 11 6.1 96.°52 1.°1/ 7.1 18

9 28	3 12.69	+21 12.3	2.392	3.166	13.3	21.8
10 8	3 8.01	+21 5.8	2.318	3.184	10.5	21.6
10 18	3 1.39	+20 49.3	2.267	3.201	7.4	21.4
10 28	2 53.39	+20 23.6	2.242	3.219	3.9	21.3
11 7	2 44.80	+19 50.9	2.246	3.236	1.1	21.1
11 17	2 36.46	+19 14.5	2.281	3.253	3.8	21.3
11 27	2 29.20	+18 38.5	2.345	3.270	7.1	21.5
12 7	2 23.63	+18 7.1	2.435	3.286	10.1	21.8

178846 2001 JT 11 6.1 164.°68 0.°0/ 5.9 17

9 28	3 17.60	+17 12.7	1.809	2.602	16.2	21.2
10 8	3 12.62	+17 6.7	1.728	2.607	12.9	21.0
10 18	3 4.96	+16 51.0	1.668	2.611	8.8	20.8
10 28	2 55.27	+16 26.9	1.633	2.614	4.3	20.5
11 7	2 44.61	+15 57.3	1.626	2.617	0.4	20.2
11 17	2 34.16	+15 26.2	1.648	2.619	5.1	20.6
11 27	2 25.12	+14 58.9	1.698	2.621	9.5	20.9
12 7	2 18.35	+14 40.0	1.773	2.622	13.3	21.1

518610 2008 AD_{86} 11 6.1 330.°11 2.°2/ 4.7 18

9 28	3 11.45	+11 49.4	1.843	2.657	15.2	21.6
10 8	3 7.72	+11 24.3	1.761	2.653	11.9	21.4
10 18	3 1.58	+10 53.2	1.701	2.650	8.1	21.1
10 28	2 53.63	+10 19.1	1.666	2.647	4.1	20.9
11 7	2 44.78	+ 9 46.4	1.658	2.645	2.5	20.8
11 17	2 36.08	+ 9 19.7	1.678	2.642	6.0	21.0
11 27	2 28.60	+ 9 3.2	1.726	2.640	10.0	21.2
12 7	2 23.13	+ 8 59.6	1.797	2.638	13.6	21.5

309635 2008 CD_{165} 11 6.1 328.°22 0.°8/ 5.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 8.77	+16 57.1	1.664	2.481	16.4	20.9
10 8	3 6.02	+16 25.0	1.577	2.471	13.0	20.6
10 18	3 0.65	+15 40.4	1.510	2.460	8.9	20.4
10 28	2 53.26	+14 46.2	1.467	2.451	4.3	20.1
11 7	2 44.81	+13 47.2	1.451	2.441	1.1	19.8
11 17	2 36.47	+12 49.7	1.462	2.433	5.7	20.1
11 27	2 29.43	+12 0.6	1.499	2.424	10.3	20.4
12 7	2 24.58	+11 25.1	1.560	2.417	14.4	20.6

132562 2002 JA_{95} 11 6.1 123.°34 0.°3/ 5.9 18

9 28	3 16.49	+16 4.9	2.083	2.871	14.5	20.2
10 8	3 11.25	+16 0.6	2.008	2.885	11.4	20.0
10 18	3 3.73	+15 48.8	1.956	2.898	7.8	19.8
10 28	2 54.58	+15 30.9	1.930	2.912	3.8	19.6
11 7	2 44.70	+15 9.4	1.934	2.924	0.5	19.4
11 17	2 35.09	+14 47.7	1.967	2.937	4.6	19.7
11 27	2 26.72	+14 29.7	2.029	2.948	8.4	20.0
12 7	2 20.31	+14 18.7	2.117	2.960	11.7	20.2

222430 2001 PU_{10} 11 6.1 47.°21 0.°6/ 6.4 18

9 28	3 16.18	+18 20.9	1.236	2.059	20.7	19.9
10 8	3 12.28	+18 22.2	1.186	2.080	16.3	19.7
10 18	3 5.01	+18 10.2	1.153	2.102	11.2	19.5
10 28	2 55.31	+17 46.3	1.143	2.125	5.5	19.3
11 7	2 44.64	+17 14.6	1.157	2.148	0.7	19.0
11 17	2 34.60	+16 41.0	1.197	2.171	6.0	19.4
11 27	2 26.63	+16 12.4	1.263	2.195	11.1	19.8
12 7	2 21.61	+15 54.3	1.350	2.219	15.4	20.1

226445 2003 SP_{66} 11 6.1 5.°49 1.°5/ 4.8 18

9 28	3 8.07	+15 20.4	2.129	2.935	13.7	20.5
10 8	3 4.70	+14 29.3	2.047	2.935	10.7	20.3
10 18	2 59.31	+13 28.6	1.987	2.935	7.2	20.1
10 28	2 52.46	+12 22.0	1.953	2.936	3.5	19.8
11 7	2 44.92	+11 14.2	1.948	2.936	1.7	19.7
11 17	2 37.55	+10 10.6	1.972	2.937	5.1	19.9
11 27	2 31.23	+ 9 16.8	2.025	2.938	8.8	20.2
12 7	2 26.61	+ 8 36.5	2.102	2.940	12.0	20.4

194225 2001 TX_{145} 11 6.1 21.°11 2.°5/ 4.0 17

9 28	3 8.77	+ 9 15.3	2.523	3.327	11.8	20.2
10 8	3 4.87	+ 8 46.7	2.441	3.328	9.2	20.1
10 18	2 59.25	+ 8 15.1	2.382	3.328	6.3	19.9
10 28	2 52.38	+ 7 43.3	2.350	3.329	3.5	19.7
11 7	2 44.93	+ 7 14.7	2.347	3.330	2.7	19.7
11 17	2 37.60	+ 6 52.5	2.374	3.330	5.1	19.8
11 27	2 31.13	+ 6 39.6	2.429	3.331	8.1	20.0
12 7	2 26.10	+ 6 37.6	2.510	3.332	10.8	20.2

160009 2007 JM_{3} 11 6.1 156.°89 4.°6/ 2.9 18

9 28	3 13.26	+ 6 36.8	1.855	2.670	15.1	20.3
10 8	3 8.95	+ 5 38.2	1.782	2.674	11.9	20.1
10 18	3 2.29	+ 4 36.4	1.732	2.678	8.4	19.9
10 28	2 53.93	+ 3 36.8	1.707	2.681	5.3	19.7
11 7	2 44.78	+ 2 45.7	1.711	2.684	5.0	19.7
11 17	2 35.88	+ 2 8.5	1.742	2.687	7.7	19.9
11 27	2 28.24	+ 1 48.8	1.800	2.689	11.1	20.1
12 7	2 22.60	+ 1 48.1	1.881	2.691	14.3	20.3

391609 2007 UT_{130} 11 6.1 31.°21 2.°0/ 4.9 18

9 28	3 13.71	+11 36.6	1.729	2.543	16.0	20.8
10 8	3 9.60	+11 25.7	1.653	2.545	12.6	20.6
10 18	3 2.91	+11 9.6	1.599	2.548	8.6	20.3
10 28	2 54.29	+10 51.2	1.569	2.551	4.3	20.1
11 7	2 44.74	+10 34.0	1.567	2.555	2.2	20.0
11 17	2 35.41	+10 22.1	1.593	2.558	6.0	20.2
11 27	2 27.43	+10 19.1	1.645	2.562	10.2	20.5
12 7	2 21.64	+10 27.4	1.722	2.566	13.9	20.7

45380 2000 AW_{120} 11 6.1 10.°28 5.°1/ 1.9 18

9 28	3 8.11	+ 3 56.7	2.082	2.902	13.5	18.6
10 8	3 4.68	+ 2 52.1	2.010	2.903	10.7	18.4
10 18	2 59.27	+ 1 46.3	1.961	2.904	7.7	18.2
10 28	2 52.43	+ 0 45.0	1.938	2.905	5.5	18.1
11 7	2 44.93	− 0 5.9	1.943	2.907	5.5	18.1
11 17	2 37.61	− 0 41.9	1.975	2.908	7.8	18.2
11 27	2 31.32	− 0 59.6	2.033	2.910	10.7	18.4
12 7	2 26.71	− 0 58.4	2.115	2.912	13.4	18.6

384428 2009 XR_{17} 11 6.1 197.°44 3.°1/ 4.1 18

9 28	3 14.79	+ 9 20.6	1.914	2.722	14.9	21.0
10 8	3 10.21	+ 8 50.1	1.832	2.720	11.8	20.8
10 18	3 3.22	+ 8 15.3	1.771	2.718	8.1	20.6
10 28	2 54.43	+ 7 39.9	1.736	2.715	4.4	20.4
11 7	2 44.75	+ 7 8.5	1.730	2.712	3.3	20.3
11 17	2 35.22	+ 6 45.4	1.752	2.709	6.5	20.5
11 27	2 26.92	+ 6 34.4	1.801	2.705	10.3	20.7
12 7	2 20.64	+ 6 37.7	1.875	2.701	13.7	20.9

19721 Wray 11 6.1 20°.79 0°.3/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 15.23	+13 58.6	1.880	2.681	15.4	17.0
10 8	3 10.66	+14 20.9	1.801	2.685	12.2	16.8
10 18	3 3.60	+14 38.6	1.743	2.689	8.3	16.5
10 28	2 54.64	+14 52.2	1.711	2.693	4.0	16.3
11 7	2 44.73	+15 3.2	1.707	2.698	0.6	16.0
11 17	2 34.99	+15 13.6	1.732	2.703	4.9	16.4
11 27	2 26.53	+15 26.3	1.785	2.708	9.1	16.6
12 7	2 20.16	+15 43.8	1.863	2.714	12.7	16.9

116097 2003 WH_{127} 11 6.1 273°.60 3°.5/ 4.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 15.00	+ 6 52.9	1.928	2.737	14.8	19.6
10 8	3 10.50	+ 6 39.6	1.835	2.723	11.8	19.4
10 18	3 3.54	+ 6 25.0	1.764	2.710	8.2	19.2
10 28	2 54.66	+ 6 12.6	1.719	2.696	4.8	18.9
11 7	2 44.74	+ 6 6.1	1.702	2.683	3.8	18.8
11 17	2 34.85	+ 6 9.0	1.713	2.669	6.8	19.0
11 27	2 26.08	+ 6 23.9	1.752	2.655	10.6	19.2
12 7	2 19.32	+ 6 51.9	1.815	2.641	14.1	19.4

99814 2002 LS_{43} 11 6.1 173°.69 6°.9/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 14.32	+42 38.3	2.754	3.412	14.2	18.9
10 8	3 9.69	+42 57.9	2.658	3.413	12.5	18.7
10 18	3 2.79	+42 58.8	2.580	3.414	10.5	18.6
10 28	2 54.19	+42 38.0	2.525	3.415	8.6	18.5
11 7	2 44.79	+41 54.6	2.495	3.415	7.2	18.4
11 17	2 35.59	+40 50.3	2.493	3.416	7.0	18.4
11 27	2 27.57	+39 29.8	2.519	3.416	8.0	18.4
12 7	2 21.48	+38 0.2	2.571	3.416	9.8	18.6

299612 2006 HE_{92} 11 6.1 139°.77 2°.3/ 4.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 13.30	+11 59.5	2.040	2.843	14.3	21.3
10 8	3 8.79	+11 21.0	1.964	2.851	11.2	21.1
10 18	3 2.09	+10 36.3	1.911	2.859	7.6	20.9
10 28	2 53.82	+ 9 48.8	1.885	2.866	3.9	20.7
11 7	2 44.84	+ 9 3.1	1.887	2.873	2.5	20.6
11 17	2 36.10	+ 8 23.8	1.918	2.879	5.7	20.9
11 27	2 28.54	+ 7 55.2	1.978	2.885	9.3	21.1
12 7	2 22.84	+ 7 39.8	2.062	2.891	12.5	21.3

15789 1993 SC 11 6.1 71°.81 0°.1/ 7.4 09 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 48.87	+20 29.0	37.830	38.591	1.0	23.0
10 8	2 48.15	+20 26.7	37.738	38.597	0.8	22.9
10 18	2 47.34	+20 23.8	37.671	38.602	0.5	22.9
10 28	2 46.46	+20 20.4	37.633	38.607	0.3	22.9
11 7	2 45.56	+20 16.7	37.624	38.612	0.1	22.8
11 17	2 44.66	+20 12.7	37.646	38.618	0.3	22.9
11 27	2 43.80	+20 8.7	37.698	38.623	0.5	22.9
12 7	2 43.01	+20 4.8	37.779	38.628	0.7	22.9

391494 2007 OF_{10} 11 6.1 275°.98 4°.2/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 14.83	+27 33.1	1.820	2.588	17.1	21.1
10 8	3 10.80	+27 55.9	1.734	2.587	14.1	20.9
10 18	3 3.95	+28 3.0	1.666	2.586	10.6	20.6
10 28	2 54.90	+27 52.1	1.623	2.585	6.9	20.4
11 7	2 44.72	+27 23.4	1.605	2.585	4.3	20.3
11 17	2 34.67	+26 40.2	1.615	2.584	5.6	20.4
11 27	2 26.05	+25 48.7	1.653	2.583	9.2	20.6
12 7	2 19.80	+24 56.7	1.716	2.582	12.8	20.8

78825 2003 QF_{14} 11 6.1 102°.62 1°.8/ 4.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 13.45	+14 49.5	1.872	2.676	15.4	20.3
10 8	3 9.00	+13 55.4	1.806	2.693	12.0	20.2
10 18	3 2.26	+12 51.9	1.762	2.710	8.1	20.0
10 28	2 53.89	+11 43.0	1.744	2.726	3.9	19.7
11 7	2 44.86	+10 34.4	1.754	2.742	2.1	19.7
11 17	2 36.20	+ 9 32.2	1.793	2.757	5.7	19.9
11 27	2 28.88	+ 8 41.9	1.861	2.772	9.5	20.2
12 7	2 23.57	+ 8 7.0	1.952	2.787	12.9	20.4

127080 2002 GT_{65} 11 6.1 95°.81 1°.5/ 4.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 10.44	+13 38.7	2.327	3.126	12.9	20.6
10 8	3 6.26	+13 1.6	2.255	3.139	10.0	20.4
10 18	3 0.21	+12 18.2	2.206	3.153	6.8	20.2
10 28	2 52.87	+11 31.3	2.184	3.166	3.3	20.0
11 7	2 44.96	+10 44.8	2.191	3.179	1.7	19.9
11 17	2 37.29	+10 2.8	2.228	3.192	4.8	20.2
11 27	2 30.64	+ 9 29.1	2.294	3.205	8.0	20.4
12 7	2 25.59	+ 9 6.5	2.386	3.218	10.9	20.6

23711 1997 UT_2 11 6.1 94°.14 2°.8/ 8.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 16.51	+25 0.5	2.553	3.302	13.2	18.5
10 8	3 11.01	+25 31.5	2.477	3.322	10.7	18.4
10 18	3 3.48	+25 52.2	2.424	3.342	7.8	18.2
10 28	2 54.48	+26 1.6	2.397	3.361	4.9	18.0
11 7	2 44.81	+25 59.9	2.399	3.380	2.9	17.9
11 17	2 35.34	+25 48.8	2.432	3.399	4.1	18.1
11 27	2 26.95	+25 31.8	2.495	3.417	6.9	18.3
12 7	2 20.28	+25 13.0	2.585	3.436	9.6	18.5

361850 2008 DR_{70} 11 6.1 190°.88 1°.8/ 7.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 15.20	+21 14.2	2.211	2.985	14.2	21.0
10 8	3 10.42	+21 34.0	2.120	2.984	11.4	20.8
10 18	3 3.35	+21 44.5	2.051	2.984	8.1	20.6
10 28	2 54.53	+21 45.2	2.008	2.983	4.5	20.4
11 7	2 44.80	+21 36.9	1.994	2.982	1.8	20.2
11 17	2 35.15	+21 21.8	2.009	2.980	4.3	20.4
11 27	2 26.61	+21 3.7	2.053	2.979	7.9	20.6
12 7	2 19.95	+20 47.2	2.123	2.977	11.2	20.8

508903 2003 WX_{41} 11 6.1 11°.74 9°.8/15.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 2.80	+45 49.4	0.979	1.744	28.7	19.3
10 8	3 3.83	+45 6.9	0.915	1.747	25.2	19.1
10 18	3 0.26	+43 28.4	0.863	1.753	20.9	18.8
10 28	2 53.28	+40 46.6	0.826	1.761	16.0	18.6
11 7	2 44.95	+37 5.2	0.809	1.771	11.5	18.4
11 17	2 37.48	+32 41.9	0.816	1.783	9.9	18.4
11 27	2 32.69	+28 6.8	0.848	1.797	12.7	18.6
12 7	2 31.46	+23 50.6	0.905	1.812	17.2	18.9

398956 2013 ET_1 11 6.1 1°.61 3°.7/ 3.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 9.88	+ 9 33.7	1.591	2.421	16.5	20.5
10 8	3 6.81	+ 8 52.0	1.519	2.420	12.9	20.3
10 18	3 1.13	+ 8 4.6	1.467	2.419	8.9	20.1
10 28	2 53.49	+ 7 16.7	1.439	2.419	5.0	19.8
11 7	2 44.92	+ 6 34.3	1.437	2.420	4.0	19.8
11 17	2 36.57	+ 6 2.9	1.463	2.421	7.4	20.0
11 27	2 29.59	+ 5 47.3	1.513	2.423	11.4	20.2
12 7	2 24.81	+ 5 49.4	1.586	2.426	15.1	20.5

184726 2005 SQ_{172} 11 6.1 178°.72 4°.1/ 9.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 14.35	+28 19.1	2.170	2.922	15.1	21.0
10 8	3 9.97	+28 45.2	2.080	2.923	12.5	20.9
10 18	3 3.15	+28 57.5	2.010	2.923	9.5	20.7
10 28	2 54.47	+28 54.1	1.965	2.923	6.3	20.5
11 7	2 44.83	+28 34.8	1.947	2.923	4.2	20.4
11 17	2 35.28	+28 2.2	1.958	2.923	5.2	20.4
11 27	2 26.92	+27 20.9	1.997	2.923	8.1	20.6
12 7	2 20.59	+26 37.2	2.062	2.922	11.2	20.8

356745 2011 UZ_{212} 11 6.1 192°.11 2°.4/ 7.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 12.93	+24 18.2	1.951	2.729	15.7	21.4
10 8	3 8.96	+24 16.1	1.864	2.729	12.8	21.2
10 18	3 2.50	+23 59.8	1.798	2.728	9.2	21.0
10 28	2 54.15	+23 29.0	1.756	2.728	5.3	20.7
11 7	2 44.86	+22 45.6	1.741	2.728	2.4	20.5
11 17	2 35.74	+21 53.9	1.755	2.727	4.7	20.7
11 27	2 27.88	+20 59.9	1.797	2.727	8.5	20.9
12 7	2 22.12	+20 10.0	1.865	2.727	12.1	21.2

98535 2000 VM_{46} 11 6.1 38°.56 3°.4/ 7.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 17.60	+21 50.1	1.111	1.932	22.6	18.4
10 8	3 14.16	+22 34.3	1.056	1.946	18.2	18.2
10 18	3 6.81	+23 2.9	1.017	1.960	13.1	18.0
10 28	2 56.43	+23 13.4	0.998	1.975	7.5	17.7
11 7	2 44.65	+23 6.2	1.003	1.991	3.4	17.5
11 17	2 33.41	+22 45.6	1.033	2.007	6.7	17.8
11 27	2 24.50	+22 19.7	1.087	2.024	11.9	18.1
12 7	2 19.03	+21 56.9	1.161	2.042	16.5	18.5

453708 2010 XN_{78} 11 6.1 338°.24 7°.2/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 10.70	− 1 38.9	1.806	2.628	15.1	21.0
10 8	3 7.13	− 2 25.1	1.731	2.620	12.3	20.8
10 18	3 1.20	− 3 7.1	1.678	2.612	9.5	20.6
10 28	2 53.50	− 3 38.2	1.649	2.605	7.5	20.5
11 7	2 44.93	− 3 52.8	1.646	2.599	7.6	20.5
11 17	2 36.52	− 3 46.8	1.669	2.593	9.7	20.6
11 27	2 29.30	− 3 18.7	1.716	2.587	12.6	20.8
12 7	2 24.05	− 2 29.8	1.786	2.582	15.5	21.0

367577 2009 SB_{211} 11 6.1 57°.67 2°.5/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 8.62	+12 14.5	2.152	2.962	13.4	20.9
10 8	3 5.05	+11 17.1	2.076	2.967	10.5	20.7
10 18	2 59.52	+10 12.7	2.023	2.972	7.1	20.5
10 28	2 52.59	+ 9 5.3	1.997	2.978	3.7	20.3
11 7	2 45.03	+ 8 0.2	1.999	2.983	2.8	20.3
11 17	2 37.67	+ 7 2.7	2.031	2.989	5.7	20.5
11 27	2 31.36	+ 6 17.4	2.090	2.994	9.0	20.7
12 7	2 26.70	+ 5 47.2	2.174	3.000	12.1	20.9

403194 2008 LF_4 11 6.1 63°.14 4°.6/ 2.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 10.08	+ 6 8.3	2.021	2.838	13.9	21.1
10 8	3 6.09	+ 4 57.2	1.968	2.861	10.9	20.9
10 18	3 0.13	+ 3 44.4	1.938	2.883	7.7	20.8
10 28	2 52.83	+ 2 35.6	1.934	2.906	5.1	20.7
11 7	2 45.01	+ 1 36.5	1.959	2.928	4.9	20.7
11 17	2 37.56	+ 0 52.1	2.011	2.951	7.3	20.9
11 27	2 31.26	+ 0 25.3	2.091	2.973	10.2	21.1
12 7	2 26.70	+ 0 16.9	2.194	2.996	12.8	21.3

147092 2002 *TY* 11 6.1 347°.98 1°.1/ 5.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 10.87	+14 14.7	1.145	1.989	20.6	19.4
10 8	3 8.85	+14 17.2	1.072	1.981	16.4	19.1
10 18	3 3.27	+14 10.5	1.018	1.974	11.3	18.8
10 28	2 54.81	+13 56.8	0.984	1.968	5.5	18.5
11 7	2 44.81	+13 40.3	0.973	1.964	1.4	18.2
11 17	2 34.95	+13 26.4	0.987	1.960	7.1	18.6
11 27	2 26.95	+13 21.2	1.023	1.958	12.8	18.9
12 7	2 22.04	+13 29.1	1.080	1.957	17.8	19.2

481683 2007 YT_{62} 11 6.1 309°.51 2°.1/ 7.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 11.99	+23 14.5	1.884	2.670	15.9	21.4
10 8	3 8.37	+23 15.2	1.794	2.664	12.9	21.2
10 18	3 2.20	+23 2.2	1.725	2.659	9.3	20.9
10 28	2 54.05	+22 35.4	1.679	2.654	5.3	20.7
11 7	2 44.89	+21 56.6	1.661	2.649	2.2	20.5
11 17	2 35.83	+21 9.8	1.671	2.644	4.8	20.6
11 27	2 28.04	+20 21.1	1.708	2.639	8.8	20.9
12 7	2 22.37	+19 36.9	1.771	2.635	12.6	21.1

184621 2005 RD_{26} 11 6.1 53°.93 0°.7/ 6.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 12.07	+19 26.6	1.938	2.732	15.3	20.6
10 8	3 8.13	+19 19.0	1.860	2.738	12.1	20.4
10 18	3 1.83	+19 0.6	1.803	2.745	8.4	20.2
10 28	2 53.79	+18 32.6	1.771	2.751	4.3	19.9
11 7	2 44.93	+17 57.8	1.767	2.758	0.7	19.7
11 17	2 36.28	+17 20.1	1.791	2.764	4.6	20.0
11 27	2 28.87	+16 44.9	1.844	2.771	8.6	20.2
12 7	2 23.46	+16 16.6	1.921	2.778	12.1	20.5

416786 2005 GR_{53} 11 6.1 193°.79 2°.2/ 7.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 18.46	+22 23.9	1.788	2.567	16.9	21.3
10 8	3 13.61	+22 34.0	1.699	2.565	13.7	21.1
10 18	3 5.87	+22 31.3	1.630	2.564	9.8	20.8
10 28	2 55.89	+22 14.7	1.586	2.561	5.5	20.6
11 7	2 44.73	+21 45.6	1.570	2.558	2.2	20.4
11 17	2 33.69	+21 7.7	1.582	2.554	5.1	20.6
11 27	2 24.09	+20 27.1	1.622	2.550	9.5	20.8
12 7	2 16.92	+19 50.3	1.687	2.545	13.4	21.0

349973 2010 EE_{67} 11 6.1 134°.06 0°.1/ 6.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 15.75	+16 47.2	2.046	2.835	14.7	21.3
10 8	3 10.80	+16 39.0	1.968	2.845	11.6	21.2
10 18	3 3.54	+16 22.4	1.913	2.855	7.9	20.9
10 28	2 54.59	+15 58.9	1.883	2.864	3.9	20.7
11 7	2 44.86	+15 31.2	1.882	2.873	0.4	20.5
11 17	2 35.37	+15 2.9	1.911	2.881	4.6	20.8
11 27	2 27.12	+14 38.5	1.968	2.889	8.5	21.1
12 7	2 20.85	+14 21.6	2.052	2.897	11.9	21.3

15635 Andrewhager 11 6.1 66°.78 2°.3/ 7.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 16.96	+22 52.9	1.481	2.277	19.1	17.9
10 8	3 12.58	+22 57.6	1.421	2.297	15.3	17.7
10 18	3 5.12	+22 46.5	1.380	2.317	10.8	17.5
10 28	2 55.42	+22 19.5	1.362	2.338	6.0	17.3
11 7	2 44.79	+21 39.4	1.370	2.358	2.3	17.1
11 17	2 34.66	+20 51.7	1.405	2.379	5.4	17.4
11 27	2 26.36	+20 3.9	1.467	2.399	9.9	17.7
12 7	2 20.76	+19 22.8	1.552	2.419	13.9	18.0

271304 2003 UX_{346} 11 6.1 79°.84 0°.3/ 6.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 11.92	+18 16.4	2.286	3.072	13.4	21.2
10 8	3 7.53	+18 7.3	2.213	3.088	10.6	21.0
10 18	3 1.16	+17 49.7	2.162	3.103	7.3	20.9
10 28	2 53.38	+17 24.9	2.138	3.118	3.6	20.7
11 7	2 44.99	+16 55.4	2.142	3.133	0.4	20.4
11 17	2 36.83	+16 24.7	2.177	3.148	4.0	20.7
11 27	2 29.75	+15 56.6	2.240	3.163	7.5	21.0
12 7	2 24.37	+15 34.7	2.329	3.178	10.5	21.2

284897 2009 SQ_{340} 11 6.1 20°.02 0°.3/ 6.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 13.98	+18 51.5	1.510	2.320	18.1	21.3
10 8	3 10.38	+18 37.2	1.433	2.320	14.4	21.0
10 18	3 3.79	+18 9.5	1.375	2.321	10.0	20.8
10 28	2 54.89	+17 29.9	1.340	2.322	5.0	20.5
11 7	2 44.85	+16 42.4	1.331	2.322	0.5	20.1
11 17	2 35.04	+15 52.8	1.350	2.323	5.7	20.5
11 27	2 26.82	+15 8.4	1.395	2.324	10.6	20.8
12 7	2 21.16	+14 35.1	1.463	2.325	14.9	21.1

446048 2013 CB_{114} 11 6.1 298°.90 1°.3/ 7.0 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 11.28	+21 31.4	1.797	2.592	16.2	21.6
10 8	3 7.98	+21 21.3	1.702	2.579	13.1	21.4
10 18	3 2.05	+20 57.3	1.627	2.567	9.3	21.1
10 28	2 54.04	+20 19.9	1.576	2.555	4.9	20.8
11 7	2 44.92	+19 31.7	1.552	2.542	1.3	20.6
11 17	2 35.85	+18 37.6	1.557	2.530	5.0	20.8
11 27	2 28.03	+17 44.1	1.588	2.519	9.4	21.0
12 7	2 22.39	+16 58.0	1.644	2.507	13.4	21.3

283775 2003 OX_1 11 6.1 125°.20 9°.4/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 14.95	− 8 23.0	1.924	2.724	15.1	20.7
10 8	3 10.07	− 9 38.2	1.871	2.735	12.7	20.6
10 18	3 2.95	−10 44.0	1.839	2.745	10.6	20.5
10 28	2 54.26	−11 32.6	1.833	2.755	9.4	20.4
11 7	2 44.92	−11 58.0	1.852	2.765	9.8	20.5
11 17	2 35.93	−11 56.9	1.896	2.774	11.4	20.6
11 27	2 28.24	−11 29.2	1.965	2.783	13.6	20.8
12 7	2 22.51	−10 38.0	2.054	2.791	15.7	20.9

304340 2006 SR_{256} 11 6.1 97°.20 0°.8/ 5.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 10.68	+17 13.4	1.965	2.766	14.8	21.3
10 8	3 6.96	+16 29.3	1.885	2.770	11.7	21.1
10 18	3 0.99	+15 33.9	1.826	2.773	7.9	20.9
10 28	2 53.38	+14 30.3	1.793	2.776	3.8	20.6
11 7	2 45.00	+13 23.4	1.789	2.779	1.1	20.4
11 17	2 36.84	+12 18.8	1.813	2.782	5.1	20.7
11 27	2 29.87	+11 22.6	1.865	2.785	9.0	21.0
12 7	2 24.81	+10 39.4	1.943	2.788	12.5	21.2

206482 2003 UX_{64} 11 6.1 44°.94 7°.4/ 3.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 17.68	− 0 9.3	1.313	2.144	19.2	19.1
10 8	3 12.82	− 0 46.3	1.278	2.173	15.3	19.0
10 18	3 5.02	− 1 16.8	1.261	2.202	11.3	18.8
10 28	2 55.25	− 1 33.6	1.268	2.232	8.1	18.7
11 7	2 44.85	− 1 31.5	1.299	2.263	7.7	18.8
11 17	2 35.20	− 1 8.1	1.356	2.294	10.2	19.0
11 27	2 27.47	− 0 24.0	1.436	2.325	13.5	19.3
12 7	2 22.39	+ 0 37.8	1.539	2.356	16.6	19.6

14099 1997 RQ_3 11 6.1 55°.82 1°.2/ 5.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 10.60	+14 18.4	2.096	2.899	13.9	17.9
10 8	3 6.61	+13 53.0	2.029	2.915	10.9	17.7
10 18	3 0.58	+13 20.8	1.984	2.931	7.3	17.6
10 28	2 53.11	+12 44.4	1.965	2.948	3.5	17.4
11 7	2 45.04	+12 7.6	1.975	2.964	1.4	17.2
11 17	2 37.24	+11 34.3	2.014	2.981	4.8	17.5
11 27	2 30.57	+11 8.5	2.081	2.998	8.4	17.8
12 7	2 25.66	+10 53.1	2.173	3.014	11.5	18.0

8224 Fultonwright 11 6.1 40°.08 2°.6/ 4.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 11.97	+11 17.8	1.630	2.452	16.5	18.0
10 8	3 8.26	+10 50.2	1.567	2.464	12.9	17.8
10 18	3 1.99	+10 16.9	1.525	2.477	8.7	17.6
10 28	2 53.88	+ 9 41.8	1.508	2.490	4.5	17.4
11 7	2 44.96	+ 9 9.6	1.517	2.504	2.8	17.3
11 17	2 36.40	+ 8 45.3	1.554	2.518	6.4	17.6
11 27	2 29.27	+ 8 32.9	1.617	2.532	10.4	17.8
12 7	2 24.34	+ 8 34.6	1.703	2.547	14.0	18.1

35249 1995 WQ_3 11 6.1 267°.33 0°.7/ 5.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 11.35	+15 20.3	2.171	2.969	13.7	19.2
10 8	3 7.36	+15 5.2	2.081	2.964	10.8	19.0
10 18	3 1.24	+14 42.7	2.014	2.959	7.4	18.8
10 28	2 53.52	+14 14.7	1.972	2.954	3.6	18.6
11 7	2 44.99	+13 44.1	1.959	2.949	0.9	18.4
11 17	2 36.56	+13 14.6	1.975	2.944	4.7	18.6
11 27	2 29.15	+12 50.3	2.019	2.938	8.4	18.8
12 7	2 23.50	+12 34.7	2.089	2.933	11.8	19.1

391971 2008 WT_{136} 11 6.1 14°.83 6°.1/ 3.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 12.84	+ 3 22.0	1.366	2.203	18.3	19.8
10 8	3 9.45	+ 2 49.3	1.304	2.206	14.5	19.6
10 18	3 3.09	+ 2 18.2	1.262	2.211	10.5	19.4
10 28	2 54.51	+ 1 55.2	1.243	2.216	7.0	19.2
11 7	2 44.91	+ 1 46.4	1.248	2.221	6.4	19.2
11 17	2 35.65	+ 1 56.0	1.279	2.228	9.4	19.4
11 27	2 28.05	+ 2 25.7	1.333	2.235	13.3	19.6
12 7	2 22.98	+ 3 14.5	1.409	2.243	16.9	19.9

347197 2011 HV_{10} 11 6.2 43°.17 0°.5/ 6.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 18.27	+16 3.1	1.324	2.142	19.8	20.0
10 8	3 13.95	+16 32.9	1.265	2.157	15.7	19.7
10 18	3 6.28	+16 54.3	1.224	2.172	10.8	19.5
10 28	2 56.10	+17 7.2	1.206	2.188	5.4	19.2
11 7	2 44.78	+17 13.4	1.213	2.204	0.6	19.0
11 17	2 33.91	+17 15.7	1.247	2.221	5.9	19.4
11 27	2 24.98	+17 18.9	1.307	2.238	10.9	19.7
12 7	2 18.97	+17 27.4	1.389	2.256	15.2	20.0

301307 2009 BQ_{134} 11 6.2 223°.39 0°.1/ 6.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 12.87	+17 46.0	1.907	2.704	15.3	21.5
10 8	3 8.87	+17 29.0	1.821	2.702	12.2	21.3
10 18	3 2.44	+17 1.6	1.756	2.700	8.4	21.1
10 28	2 54.16	+16 25.5	1.716	2.698	4.1	20.8
11 7	2 44.95	+15 43.9	1.705	2.696	0.4	20.5
11 17	2 35.90	+15 1.5	1.722	2.693	4.9	20.8
11 27	2 28.07	+14 23.7	1.767	2.691	9.1	21.1
12 7	2 22.28	+13 55.1	1.836	2.688	12.8	21.3

149854 2005 QF_{31} 11 6.2 42°.77 4°.0/ 8.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 16.52	+24 30.0	1.254	2.060	21.4	19.8
10 8	3 12.95	+25 3.2	1.196	2.075	17.3	19.6
10 18	3 5.78	+25 18.5	1.155	2.091	12.6	19.4
10 28	2 55.90	+25 13.6	1.136	2.108	7.6	19.1
11 7	2 44.80	+24 49.8	1.140	2.125	4.0	19.0
11 17	2 34.20	+24 11.9	1.170	2.143	6.4	19.2
11 27	2 25.71	+23 28.3	1.225	2.161	11.0	19.5
12 7	2 20.35	+22 48.0	1.302	2.180	15.2	19.8

490961 2011 DE_{31} 11 6.2 216°.31 4°.7/ 1.5 17

9 28	3 8.05	+ 2 32.4	2.652	3.459	11.3	22.1
10 8	3 4.25	+ 1 30.5	2.571	3.455	9.0	21.9
10 18	2 58.84	+ 0 28.4	2.514	3.451	6.6	21.8
10 28	2 52.27	− 0 29.6	2.485	3.447	4.9	21.7
11 7	2 45.14	− 1 18.6	2.485	3.443	5.0	21.7
11 17	2 38.13	− 1 55.0	2.514	3.438	6.8	21.8
11 27	2 31.91	− 2 16.0	2.570	3.434	9.2	21.9
12 7	2 27.02	− 2 20.8	2.650	3.429	11.5	22.1

15009 1998 QF_{27} 11 6.2 339°.68 17°.7/21.0 17

9 28	3 4.02	− 5 18.7	0.890	1.767	22.3	18.2
10 8	3 3.84	− 9 54.0	0.848	1.759	19.4	17.9
10 18	2 59.96	−14 25.9	0.827	1.751	17.8	17.8
10 28	2 53.20	−18 24.8	0.826	1.744	18.2	17.8
11 7	2 45.05	−21 26.1	0.846	1.739	20.4	17.9
11 17	2 37.26	−23 16.2	0.882	1.734	23.4	18.1
11 27	2 31.50	−23 54.8	0.932	1.731	26.4	18.3
12 7	2 28.84	−23 31.4	0.993	1.728	29.0	18.5

134085 2004 XE_{102} 11 6.2 317°.58 0°.3/ 5.9 17

9 28	3 10.89	+15 27.9	1.969	2.774	14.7	19.7
10 8	3 7.42	+15 29.7	1.869	2.756	11.7	19.5
10 18	3 1.56	+15 24.5	1.791	2.738	8.1	19.2
10 28	2 53.81	+15 13.5	1.738	2.720	3.9	18.9
11 7	2 45.00	+14 59.0	1.712	2.703	0.6	18.6
11 17	2 36.15	+14 44.3	1.715	2.686	4.9	18.9
11 27	2 28.34	+14 33.4	1.745	2.670	9.1	19.2
12 7	2 22.46	+14 29.8	1.800	2.654	12.9	19.4

460358 2014 RW_{45} 11 6.2 339°.73 2°.5/ 7.8 17

9 28	3 11.95	+22 42.3	2.084	2.864	14.8	20.9
10 8	3 8.14	+23 7.4	1.992	2.858	12.0	20.7
10 18	3 1.98	+23 22.1	1.920	2.852	8.7	20.5
10 28	2 53.97	+23 25.7	1.874	2.847	5.1	20.3
11 7	2 44.99	+23 18.5	1.855	2.842	2.5	20.1
11 17	2 36.04	+23 2.9	1.865	2.837	4.6	20.2
11 27	2 28.19	+22 42.8	1.903	2.833	8.2	20.4
12 7	2 22.28	+22 23.1	1.966	2.829	11.6	20.6

29815 1999 CG_{112} 11 6.2 109°.15 3°.7/ 2.8 18

9 28	3 10.84	+ 9 31.4	2.155	2.963	13.5	19.1
10 8	3 6.67	+ 8 11.0	2.088	2.977	10.5	18.9
10 18	3 0.56	+ 6 45.1	2.045	2.991	7.2	18.8
10 28	2 53.10	+ 5 19.2	2.029	3.005	4.3	18.6
11 7	2 45.09	+ 3 59.6	2.042	3.018	4.0	18.6
11 17	2 37.36	+ 2 51.9	2.085	3.030	6.6	18.8
11 27	2 30.72	+ 2 0.6	2.156	3.043	9.7	19.0
12 7	2 25.76	+ 1 27.8	2.251	3.055	12.4	19.2

116305 2003 YL_{62} 11 6.2 254°.33 7°.1/ 1.3 18

9 28	3 13.31	− 2 12.0	1.994	2.804	14.3	19.6
10 8	3 8.98	− 3 4.9	1.914	2.795	11.7	19.5
10 18	3 2.40	− 3 54.0	1.857	2.785	9.1	19.3
10 28	2 54.12	− 4 33.1	1.824	2.776	7.3	19.2
11 7	2 44.99	− 4 56.2	1.819	2.766	7.5	19.1
11 17	2 35.99	− 4 59.4	1.840	2.756	9.5	19.3
11 27	2 28.09	− 4 40.8	1.887	2.746	12.3	19.4
12 7	2 22.07	− 4 1.5	1.957	2.736	15.0	19.6

103701 2000 CL_{78} 11 6.2 229°.52 4°.0/ 3.6 18

9 28	3 13.40	+ 9 20.0	1.648	2.468	16.4	20.0
10 8	3 9.56	+ 8 26.4	1.569	2.464	12.9	19.8
10 18	3 3.05	+ 7 26.3	1.511	2.460	9.0	19.6
10 28	2 54.51	+ 6 25.1	1.477	2.456	5.2	19.3
11 7	2 44.96	+ 5 29.4	1.471	2.451	4.4	19.3
11 17	2 35.59	+ 4 45.7	1.492	2.446	7.7	19.5
11 27	2 27.59	+ 4 19.2	1.539	2.441	11.8	19.7
12 7	2 21.85	+ 4 12.3	1.608	2.436	15.5	19.9

297985 2002 LX_{40} 11 6.2 78°.18 5°.0/ 2.9 18

9 28	3 14.12	+ 5 31.0	1.752	2.569	15.7	20.6
10 8	3 9.56	+ 4 34.3	1.699	2.591	12.3	20.5
10 18	3 2.66	+ 3 36.4	1.667	2.612	8.7	20.3
10 28	2 54.15	+ 2 43.4	1.661	2.633	5.6	20.2
11 7	2 45.01	+ 2 1.2	1.683	2.654	5.3	20.2
11 17	2 36.31	+ 1 34.3	1.732	2.675	7.9	20.4
11 27	2 29.01	+ 1 25.5	1.807	2.696	11.1	20.6
12 7	2 23.78	+ 1 35.2	1.906	2.716	14.1	20.9

279568 2011 DG_8 11 6.2 277°.87 0°.5/ 5.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 9.91	+16 2.5	2.438	3.230	12.5	21.6
10 8	3 6.06	+15 47.2	2.338	3.218	9.9	21.4
10 18	3 0.30	+15 24.7	2.262	3.206	6.8	21.2
10 28	2 53.08	+14 56.5	2.212	3.194	3.3	21.0
11 7	2 45.10	+14 25.2	2.191	3.182	0.6	20.7
11 17	2 37.16	+13 54.1	2.200	3.170	4.2	21.0
11 27	2 30.09	+13 27.1	2.238	3.158	7.7	21.2
12 7	2 24.55	+13 7.6	2.302	3.145	10.8	21.4

449446 2013 JH_{21} 11 6.2 138°.63 4°.2/ 2.4 18

9 28	3 9.30	+ 5 59.2	2.270	3.082	12.8	21.6
10 8	3 5.48	+ 4 56.9	2.195	3.084	10.0	21.4
10 18	2 59.80	+ 3 52.1	2.143	3.087	7.1	21.2
10 28	2 52.78	+ 2 49.8	2.119	3.090	4.7	21.1
11 7	2 45.15	+ 1 55.0	2.122	3.092	4.6	21.1
11 17	2 37.69	+ 1 12.5	2.155	3.094	6.8	21.2
11 27	2 31.20	+ 0 45.6	2.215	3.097	9.7	21.4
12 7	2 26.28	+ 0 35.6	2.299	3.099	12.4	21.6

26508 Jimmylin 11 6.2 118°.16 0°.4/ 6.5 18

9 28	3 16.94	+19 32.1	1.799	2.589	16.4	19.7
10 8	3 12.02	+19 12.9	1.729	2.604	13.0	19.5
10 18	3 4.51	+18 41.4	1.679	2.619	9.0	19.3
10 28	2 55.13	+17 59.4	1.654	2.634	4.5	19.1
11 7	2 44.94	+17 10.3	1.657	2.648	0.5	18.8
11 17	2 35.11	+16 19.5	1.689	2.661	4.9	19.2
11 27	2 26.76	+15 33.0	1.750	2.674	9.1	19.5
12 7	2 20.66	+14 55.9	1.835	2.687	12.8	19.7

335531 2006 AA_{72} 11 6.2 15°.17 2°.3/ 4.9 18

9 28	3 8.78	+13 44.8	1.130	1.980	20.5	19.8
10 8	3 6.91	+13 13.9	1.073	1.985	16.1	19.5
10 18	3 1.69	+12 32.0	1.034	1.992	10.9	19.3
10 28	2 53.94	+11 44.1	1.016	2.000	5.4	19.0
11 7	2 45.04	+10 57.1	1.021	2.010	2.7	18.8
11 17	2 36.57	+10 18.8	1.051	2.021	7.5	19.2
11 27	2 29.98	+ 9 55.5	1.103	2.033	12.7	19.5
12 7	2 26.25	+ 9 51.0	1.176	2.046	17.2	19.8

289294 2004 YO_{18} 11 6.2 254°.91 2°.9/ 8.8 17

9 28	3 10.94	+27 24.2	2.628	3.377	12.8	21.5
10 8	3 6.90	+27 24.6	2.521	3.365	10.5	21.3
10 18	3 0.89	+27 12.4	2.437	3.353	7.9	21.1
10 28	2 53.38	+26 46.9	2.378	3.341	5.0	20.9
11 7	2 45.09	+26 9.1	2.348	3.328	2.9	20.8
11 17	2 36.84	+25 21.5	2.347	3.315	4.1	20.8
11 27	2 29.47	+24 28.8	2.376	3.302	6.9	21.0
12 7	2 23.69	+23 36.0	2.431	3.289	9.8	21.2

343713 2011 ED_{36} 11 6.2 57°.72 13°.2/13.3 18

9 28	3 33.02	+41 18.4	1.479	2.175	23.2	19.7
10 8	3 27.16	+43 52.4	1.424	2.198	20.5	19.6
10 18	3 16.45	+46 3.2	1.385	2.222	17.7	19.5
10 28	3 1.57	+47 38.4	1.366	2.246	15.1	19.4
11 7	2 44.32	+48 28.7	1.369	2.270	13.5	19.3
11 17	2 27.26	+48 32.2	1.396	2.294	13.3	19.4
11 27	2 12.97	+47 56.7	1.445	2.318	14.5	19.5
12 7	2 3.08	+46 56.7	1.516	2.342	16.4	19.7

315904 2008 RD_1 11 6.2 97°.19 4°.6/ 2.2 18

9 28	3 10.55	+ 2 46.7	2.481	3.286	12.0	21.0
10 8	3 6.15	+ 1 54.9	2.421	3.304	9.5	20.8
10 18	3 0.07	+ 1 3.9	2.385	3.322	6.9	20.7
10 28	2 52.85	+ 0 18.3	2.376	3.340	4.9	20.6
11 7	2 45.17	− 0 17.9	2.395	3.357	4.8	20.6
11 17	2 37.74	− 0 41.4	2.444	3.374	6.7	20.8
11 27	2 31.25	− 0 50.2	2.520	3.391	9.1	21.0
12 7	2 26.22	− 0 43.9	2.621	3.407	11.4	21.2

56706 2000 LD_{36} 11 6.2 196°.23 0°.3/ 6.3 18

9 28	3 16.94	+17 0.8	1.663	2.464	17.1	19.3
10 8	3 12.51	+17 10.1	1.581	2.463	13.6	19.0
10 18	3 5.19	+17 10.5	1.519	2.463	9.4	18.8
10 28	2 55.63	+17 2.5	1.481	2.462	4.7	18.5
11 7	2 44.90	+16 48.4	1.471	2.462	0.5	18.2
11 17	2 34.33	+16 31.6	1.488	2.461	5.4	18.6
11 27	2 25.22	+16 17.0	1.533	2.460	10.0	18.8
12 7	2 18.55	+16 9.2	1.602	2.459	14.1	19.1

49935 1999 XV_{179} 11 6.2 146°.39 4°.2/ 9.2 18

9 28	3 19.07	+29 8.1	1.953	2.701	16.7	19.0
10 8	3 13.87	+29 22.8	1.872	2.711	13.8	18.8
10 18	3 5.92	+29 20.8	1.809	2.721	10.4	18.6
10 28	2 55.90	+29 0.0	1.771	2.730	6.9	18.4
11 7	2 44.90	+28 20.8	1.761	2.738	4.4	18.3
11 17	2 34.16	+27 27.0	1.779	2.745	5.5	18.4
11 27	2 24.91	+26 25.1	1.826	2.752	8.7	18.6
12 7	2 18.02	+25 23.0	1.898	2.758	12.1	18.8

197855 2004 QK_{11} 11 6.2 48°.05 1°.2/ 5.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 16.41	+13 54.3	1.350	2.173	19.2	19.7
10 8	3 12.26	+13 52.8	1.295	2.191	15.1	19.5
10 18	3 4.99	+13 43.5	1.258	2.210	10.2	19.3
10 28	2 55.44	+13 28.8	1.245	2.229	4.9	19.0
11 7	2 44.95	+13 12.5	1.258	2.248	1.4	18.8
11 17	2 34.96	+12 59.1	1.297	2.268	6.3	19.2
11 27	2 26.83	+12 53.4	1.362	2.288	11.0	19.6
12 7	2 21.43	+12 58.6	1.449	2.308	15.1	19.9

338442 2003 EQ_{33} 11 6.2 141°.65 2°.6/ 4.3 18

9 28	3 14.32	+11 51.4	1.848	2.656	15.4	21.9
10 8	3 9.88	+11 5.8	1.774	2.663	12.0	21.7
10 18	3 3.03	+10 13.2	1.722	2.670	8.2	21.5
10 28	2 54.44	+ 9 17.6	1.696	2.677	4.3	21.3
11 7	2 45.05	+ 8 24.5	1.698	2.683	2.9	21.2
11 17	2 35.93	+ 7 39.2	1.729	2.689	6.3	21.4
11 27	2 28.11	+ 7 6.6	1.787	2.695	10.1	21.7
12 7	2 22.36	+ 6 49.6	1.869	2.700	13.6	21.9

275937 2001 UK_{65} 11 6.2 4°.70 1°.1/ 6.7 18

9 28	3 6.48	+20 1.9	1.060	1.907	21.7	19.2
10 8	3 5.59	+19 57.9	0.997	1.905	17.4	18.9
10 18	3 1.10	+19 35.9	0.951	1.906	12.2	18.6
10 28	2 53.80	+18 57.3	0.925	1.908	6.2	18.3
11 7	2 45.10	+18 7.0	0.922	1.912	1.1	18.0
11 17	2 36.72	+17 13.0	0.941	1.918	6.5	18.4
11 27	2 30.34	+16 25.0	0.984	1.926	12.2	18.7
12 7	2 27.03	+15 50.6	1.046	1.935	17.2	19.0

183014 2002 PG_{92} 11 6.2 48°.10 3°.9/ 8.3 18

9 28	3 16.34	+25 7.4	1.270	2.073	21.3	19.6
10 8	3 12.82	+25 30.3	1.210	2.087	17.3	19.4
10 18	3 5.73	+25 34.2	1.167	2.102	12.6	19.2
10 28	2 55.94	+25 17.3	1.145	2.117	7.6	19.0
11 7	2 44.93	+24 41.1	1.148	2.133	3.9	18.8
11 17	2 34.41	+23 51.4	1.176	2.149	6.3	19.0
11 27	2 25.98	+22 57.2	1.229	2.165	10.9	19.3
12 7	2 20.64	+22 7.8	1.304	2.182	15.2	19.6

521198 2015 FG_{413} 11 6.2 141°.41 1°.0/ 6.8 18

9 28	3 16.48	+19 56.0	1.663	2.458	17.3	22.0
10 8	3 12.12	+19 54.8	1.584	2.462	13.9	21.7
10 18	3 4.88	+19 41.2	1.525	2.466	9.7	21.5
10 28	2 55.47	+19 15.8	1.491	2.470	5.0	21.3
11 7	2 44.98	+18 41.1	1.483	2.474	1.0	21.0
11 17	2 34.71	+18 1.8	1.504	2.477	5.2	21.3
11 27	2 25.97	+17 24.1	1.551	2.480	9.8	21.6
12 7	2 19.67	+16 53.8	1.623	2.483	13.8	21.8

184244 2004 RW_{290} 11 6.2 102°.45 1°.3/ 5.2 18

9 28	3 12.54	+13 8.3	2.273	3.070	13.2	20.3
10 8	3 8.03	+12 50.8	2.198	3.081	10.3	20.1
10 18	3 1.55	+12 27.8	2.147	3.092	7.0	19.9
10 28	2 53.67	+12 1.8	2.122	3.104	3.4	19.7
11 7	2 45.15	+11 35.6	2.126	3.115	1.5	19.6
11 17	2 36.85	+11 12.8	2.160	3.125	4.7	19.8
11 27	2 29.60	+10 56.5	2.222	3.136	8.1	20.1
12 7	2 24.03	+10 49.3	2.310	3.146	11.1	20.3

51000 2000 GK_{98} 11 6.2 274°.16 0°.4/ 5.8 18

9 28	3 10.58	+18 59.3	1.970	2.767	14.9	19.2
10 8	3 7.13	+18 13.1	1.870	2.752	11.9	19.0
10 18	3 1.33	+17 13.0	1.793	2.737	8.2	18.7
10 28	2 53.71	+16 1.4	1.740	2.722	4.0	18.4
11 7	2 45.14	+14 42.8	1.716	2.707	0.7	18.2
11 17	2 36.62	+13 23.7	1.721	2.692	5.1	18.5
11 27	2 29.22	+12 11.2	1.755	2.676	9.3	18.7
12 7	2 23.76	+11 11.4	1.813	2.661	13.1	18.9

324236 2006 BP_{121} 11 6.2 321°.28 4°.9/ 2.3 18

9 28	3 9.44	+ 3 45.2	2.133	2.949	13.3	20.5
10 8	3 5.80	+ 2 53.2	2.055	2.945	10.6	20.3
10 18	3 0.15	+ 2 0.6	2.000	2.942	7.7	20.1
10 28	2 53.04	+ 1 12.3	1.970	2.938	5.3	20.0
11 7	2 45.22	+ 0 33.6	1.969	2.935	5.3	19.9
11 17	2 37.53	+ 0 8.7	1.995	2.932	7.5	20.1
11 27	2 30.85	+ 0 0.6	2.048	2.929	10.4	20.3
12 7	2 25.83	+ 0 10.0	2.124	2.926	13.2	20.4

402374 2005 XO_{21} 11 6.2 18°.03 0°.3/ 5.9 17

9 28	3 11.46	+16 19.3	1.906	2.710	15.1	21.9
10 8	3 7.74	+16 9.9	1.826	2.712	11.9	21.7
10 18	3 1.66	+15 52.0	1.768	2.714	8.2	21.5
10 28	2 53.83	+15 27.3	1.735	2.717	4.0	21.2
11 7	2 45.14	+14 58.9	1.730	2.720	0.6	21.0
11 17	2 36.64	+14 30.8	1.752	2.724	4.9	21.3
11 27	2 29.33	+14 7.5	1.803	2.727	8.9	21.6
12 7	2 24.00	+13 52.8	1.878	2.731	12.5	21.8

49373 1998 WO_{35} 11 6.2 346°.25 2°.4/ 4.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 10.87	+11 59.0	1.655	2.477	16.3	19.3
10 8	3 7.63	+11 32.1	1.576	2.473	12.8	19.1
10 18	3 1.79	+10 58.2	1.518	2.469	8.8	18.9
10 28	2 53.96	+10 21.0	1.483	2.466	4.5	18.6
11 7	2 45.13	+ 9 45.3	1.476	2.463	2.6	18.5
11 17	2 36.46	+ 9 16.4	1.495	2.461	6.4	18.7
11 27	2 29.12	+ 8 58.9	1.541	2.459	10.7	19.0
12 7	2 23.95	+ 8 55.8	1.610	2.457	14.5	19.2

284232 2006 DZ_{73} 11 6.2 213°.80 0°.8/ 5.6 18

9 28	3 13.92	+15 52.7	1.978	2.775	14.9	21.8
10 8	3 9.63	+15 28.1	1.888	2.771	11.8	21.6
10 18	3 2.96	+14 54.3	1.821	2.766	8.0	21.4
10 28	2 54.49	+14 13.4	1.778	2.761	3.9	21.1
11 7	2 45.09	+13 29.2	1.765	2.755	1.1	20.9
11 17	2 35.81	+12 46.3	1.780	2.749	5.1	21.2
11 27	2 27.70	+12 10.0	1.824	2.742	9.2	21.4
12 7	2 21.57	+11 44.4	1.892	2.736	12.8	21.6

520506 2014 LC_{31} 11 6.2 67°.04 4°.1/ 2.8 18

9 28	3 9.64	+ 7 21.0	2.052	2.868	13.8	21.4
10 8	3 5.92	+ 6 18.6	1.985	2.878	10.8	21.3
10 18	3 0.18	+ 5 12.9	1.941	2.888	7.5	21.1
10 28	2 53.01	+ 4 9.1	1.924	2.898	4.7	20.9
11 7	2 45.23	+ 3 12.8	1.934	2.908	4.4	20.9
11 17	2 37.70	+ 2 29.0	1.973	2.918	6.9	21.1
11 27	2 31.26	+ 2 1.3	2.039	2.928	10.0	21.3
12 7	2 26.55	+ 1 51.1	2.128	2.939	12.9	21.5

496434 2014 LV_{15} 11 6.2 91°.88 1°.1/ 5.3 18

9 28	3 12.51	+14 32.0	2.289	3.082	13.2	22.2
10 8	3 7.91	+14 3.9	2.222	3.103	10.3	22.1
10 18	3 1.40	+13 29.2	2.178	3.123	6.9	21.9
10 28	2 53.57	+12 50.5	2.161	3.143	3.3	21.7
11 7	2 45.19	+12 11.2	2.173	3.163	1.3	21.6
11 17	2 37.10	+11 35.1	2.216	3.182	4.5	21.8
11 27	2 30.10	+11 6.0	2.287	3.201	7.9	22.1
12 7	2 24.76	+10 46.6	2.384	3.220	10.8	22.3

466008 2011 GE_{29} 11 6.2 312°.13 2°.3/ 4.3 17

9 28	3 8.46	+11 32.3	2.216	3.026	13.1	21.4
10 8	3 5.07	+10 55.1	2.126	3.016	10.3	21.2
10 18	2 59.70	+10 11.9	2.058	3.007	7.0	21.0
10 28	2 52.85	+ 9 26.1	2.017	2.998	3.7	20.8
11 7	2 45.25	+ 8 41.8	2.004	2.989	2.5	20.7
11 17	2 37.73	+ 8 3.4	2.019	2.980	5.5	20.8
11 27	2 31.14	+ 7 35.0	2.063	2.971	8.9	21.0
12 7	2 26.18	+ 7 19.5	2.131	2.963	12.1	21.2

352210 2007 SB_{12} 11 6.2 34°.09 0°.8/ 6.5 16

9 28	3 21.57	+14 43.0	1.171	1.994	21.5	19.6
10 8	3 16.66	+15 41.1	1.127	2.022	16.9	19.4
10 18	3 8.13	+16 32.2	1.103	2.052	11.6	19.2
10 28	2 57.01	+17 14.8	1.100	2.082	5.7	19.0
11 7	2 44.89	+17 48.9	1.123	2.113	0.9	18.7
11 17	2 33.53	+18 16.1	1.171	2.146	6.1	19.2
11 27	2 24.47	+18 40.3	1.246	2.179	11.2	19.6
12 7	2 18.62	+19 5.7	1.342	2.212	15.4	19.9

293929 2007 TB_{4} 11 6.2 80°.91 1°.2/ 5.2 18

9 28	3 12.19	+17 32.0	1.773	2.577	16.1	21.7
10 8	3 8.27	+16 30.3	1.705	2.592	12.6	21.5
10 18	3 1.94	+15 15.8	1.659	2.607	8.5	21.3
10 28	2 53.90	+13 52.8	1.639	2.622	4.0	21.0
11 7	2 45.17	+12 27.7	1.647	2.637	1.5	20.9
11 17	2 36.81	+11 7.5	1.684	2.651	5.5	21.2
11 27	2 29.83	+ 9 59.3	1.748	2.666	9.6	21.5
12 7	2 24.94	+ 9 7.7	1.837	2.680	13.2	21.7

143051 2002 WO_{1} 11 6.2 244°.93 1°.4/ 5.1 18

9 28	3 11.35	+14 39.4	2.017	2.821	14.4	20.5
10 8	3 7.54	+14 4.5	1.930	2.817	11.3	20.3
10 18	3 1.48	+13 21.0	1.865	2.812	7.7	20.0
10 28	2 53.75	+12 31.6	1.825	2.807	3.8	19.8
11 7	2 45.18	+11 40.7	1.814	2.803	1.7	19.6
11 17	2 36.73	+10 53.2	1.832	2.798	5.3	19.9
11 27	2 29.40	+10 14.4	1.877	2.793	9.2	20.1
12 7	2 23.92	+ 9 47.9	1.947	2.788	12.7	20.3

408083 2012 HC_{46} 11 6.2 199°.92 3°.1/ 3.1 17

9 28	3 8.98	+ 7 14.8	2.754	3.555	11.0	21.6
10 8	3 4.96	+ 6 28.9	2.668	3.552	8.7	21.5
10 18	2 59.35	+ 5 40.5	2.606	3.549	6.0	21.3
10 28	2 52.59	+ 4 53.0	2.572	3.546	3.7	21.1
11 7	2 45.29	+ 4 10.2	2.568	3.543	3.4	21.1
11 17	2 38.09	+ 3 35.6	2.593	3.539	5.5	21.3
11 27	2 31.66	+ 3 12.2	2.648	3.535	8.1	21.4
12 7	2 26.54	+ 3 1.4	2.727	3.531	10.5	21.6

120147 2003 GZ_{49} 11 6.2 285.°88 7.°5/10.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 16.31	+33 44.5	1.677	2.424	19.1	19.7
10 8	3 12.91	+34 34.6	1.575	2.405	16.4	19.5
10 18	3 6.11	+35 6.0	1.490	2.386	13.3	19.2
10 28	2 56.40	+35 12.9	1.427	2.367	10.0	19.0
11 7	2 44.92	+34 51.7	1.387	2.348	7.7	18.8
11 17	2 33.25	+34 3.4	1.374	2.329	8.2	18.8
11 27	2 23.11	+32 54.4	1.386	2.310	11.1	18.9
12 7	2 15.84	+31 35.5	1.421	2.291	14.8	19.1

436446 2011 CC_{49} 11 6.2 199.°76 0.°3/ 6.4 18

9 28	3 16.02	+19 20.1	1.943	2.729	15.5	22.4
10 8	3 11.38	+18 59.4	1.852	2.726	12.4	22.2
10 18	3 4.22	+18 26.6	1.782	2.722	8.6	21.9
10 28	2 55.13	+17 43.2	1.738	2.718	4.3	21.7
11 7	2 45.06	+16 52.3	1.722	2.713	0.4	21.3
11 17	2 35.13	+15 58.9	1.736	2.707	4.8	21.7
11 27	2 26.45	+15 8.9	1.778	2.701	9.1	21.9
12 7	2 19.89	+14 28.0	1.845	2.694	12.9	22.1

107370 2001 CQ_{30} 11 6.2 310.°81 9.°2/31.6 18

9 28	3 11.73	− 3 26.4	1.557	2.385	16.9	18.8
10 8	3 8.54	− 4 35.2	1.477	2.366	14.0	18.6
10 18	3 2.58	− 5 39.7	1.417	2.348	11.2	18.4
10 28	2 54.44	− 6 30.8	1.381	2.330	9.4	18.3
11 7	2 45.12	− 7 0.0	1.368	2.312	9.8	18.2
11 17	2 35.86	− 7 1.4	1.381	2.295	12.1	18.3
11 27	2 27.92	− 6 32.7	1.416	2.278	15.3	18.5
12 7	2 22.27	− 5 36.0	1.471	2.262	18.5	18.7

424433 2008 CU_{5} 11 6.2 178.°36 4.°3/ 3.5 18

9 28	3 16.39	+ 7 15.6	1.775	2.586	15.8	21.2
10 8	3 11.66	+ 6 30.2	1.698	2.588	12.5	21.0
10 18	3 4.38	+ 5 41.4	1.643	2.589	8.7	20.7
10 28	2 55.19	+ 4 54.1	1.614	2.590	5.3	20.5
11 7	2 45.08	+ 4 14.0	1.612	2.590	4.6	20.5
11 17	2 35.19	+ 3 46.5	1.639	2.589	7.6	20.7
11 27	2 26.65	+ 3 35.2	1.692	2.588	11.3	20.9
12 7	2 20.28	+ 3 41.6	1.768	2.586	14.8	21.1

181692 4621 T_{-2} 11 6.2 62.°06 2.°3/ 7.2 18

9 28	3 19.60	+20 19.6	1.392	2.194	19.8	19.7
10 8	3 15.04	+20 53.7	1.328	2.208	15.9	19.5
10 18	3 7.12	+21 15.8	1.282	2.223	11.2	19.3
10 28	2 56.64	+21 24.4	1.260	2.237	6.1	19.0
11 7	2 44.95	+21 20.4	1.263	2.252	2.3	18.8
11 17	2 33.66	+21 6.9	1.293	2.267	5.8	19.1
11 27	2 24.30	+20 50.2	1.349	2.282	10.6	19.4
12 7	2 17.87	+20 36.5	1.429	2.297	14.8	19.7

382030 2011 CP_{18} 11 6.2 301.°10 3.°3/ 7.8 18

9 28	3 15.31	+23 8.0	1.426	2.227	19.4	21.1
10 8	3 12.15	+23 38.0	1.336	2.214	15.9	20.8
10 18	3 5.56	+23 54.0	1.264	2.201	11.7	20.5
10 28	2 56.11	+23 53.5	1.214	2.188	6.9	20.2
11 7	2 44.98	+23 36.4	1.189	2.175	3.4	20.0
11 17	2 33.77	+23 5.8	1.189	2.163	6.2	20.1
11 27	2 24.19	+22 28.7	1.215	2.150	11.2	20.4
12 7	2 17.52	+21 53.4	1.264	2.139	15.8	20.6

452090 2014 PD_{55} 11 6.2 97.°90 3.°1/ 8.9 18

9 28	3 14.22	+27 23.7	2.455	3.202	13.7	21.7
10 8	3 9.37	+27 31.5	2.380	3.222	11.2	21.5
10 18	3 2.49	+27 26.3	2.326	3.240	8.3	21.4
10 28	2 54.15	+27 7.6	2.297	3.259	5.2	21.2
11 7	2 45.18	+26 36.5	2.298	3.277	3.1	21.1
11 17	2 36.46	+25 56.0	2.328	3.295	4.2	21.2
11 27	2 28.85	+25 10.7	2.387	3.313	7.0	21.4
12 7	2 23.01	+24 25.7	2.473	3.330	9.7	21.6

499840 2011 EZ_{11} 11 6.2 266.°06 21.°5/21.2 17

9 28	3 16.96	−24 23.9	1.150	1.946	23.5	20.8
10 8	3 13.63	−27 14.8	1.115	1.938	22.2	20.6
10 18	3 6.48	−29 36.2	1.095	1.930	21.5	20.6
10 28	2 56.41	−31 10.5	1.092	1.922	21.7	20.6
11 7	2 44.97	−31 45.5	1.104	1.914	22.6	20.6
11 17	2 34.01	−31 17.4	1.131	1.906	24.1	20.7
11 27	2 25.23	−29 50.4	1.171	1.898	25.9	20.8
12 7	2 19.71	−27 35.3	1.223	1.890	27.6	20.9

22024 1999 XY_{114} 11 6.2 359.°39 8.°5/ 9.5 18

9 28	3 16.81	+29 20.5	1.320	2.105	21.5	17.3
10 8	3 13.92	+31 8.4	1.244	2.102	18.3	17.0
10 18	3 7.13	+32 41.9	1.186	2.099	14.5	16.8
10 28	2 57.01	+33 53.3	1.149	2.098	10.8	16.6
11 7	2 44.91	+34 36.5	1.135	2.099	8.6	16.5
11 17	2 32.72	+34 49.8	1.145	2.100	9.4	16.5
11 27	2 22.48	+34 38.5	1.178	2.103	12.5	16.7
12 7	2 15.67	+34 12.7	1.233	2.107	16.2	16.9

287877 2003 SJ_{318} 11 6.2 106.°48 1.°1/ 7.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 12.26	+20 48.2	2.415	3.190	13.1	21.2
10 8	3 7.85	+20 46.4	2.333	3.199	10.5	21.0
10 18	3 1.48	+20 35.2	2.274	3.209	7.3	20.8
10 28	2 53.69	+20 15.2	2.241	3.218	3.9	20.6
11 7	2 45.24	+19 48.2	2.237	3.226	1.1	20.5
11 17	2 36.96	+19 17.2	2.263	3.235	3.8	20.7
11 27	2 29.68	+18 46.2	2.318	3.244	7.1	20.9
12 7	2 24.06	+18 19.2	2.400	3.252	10.1	21.1

442323 2011 SM_{132} 11 6.2 62.°69 0.°4/ 6.4 18

9 28	3 18.89	+16 24.4	1.704	2.500	16.9	20.9
10 8	3 13.67	+16 47.6	1.642	2.522	13.4	20.8
10 18	3 5.72	+17 3.1	1.601	2.543	9.2	20.6
10 28	2 55.81	+17 11.3	1.585	2.565	4.5	20.3
11 7	2 45.06	+17 13.6	1.596	2.587	0.5	20.1
11 17	2 34.70	+17 12.8	1.636	2.609	5.0	20.5
11 27	2 25.91	+17 12.6	1.705	2.631	9.2	20.8
12 7	2 19.51	+17 16.8	1.798	2.653	12.9	21.0

148154 1999 XA_{134} 11 6.2 321.°24 6.°9/ 9.7 18

9 28	3 14.27	+29 50.9	1.362	2.147	21.0	19.1
10 8	3 11.75	+30 45.4	1.275	2.135	17.7	18.8
10 18	3 5.54	+31 21.2	1.205	2.123	13.9	18.5
10 28	2 56.19	+31 32.6	1.155	2.112	9.8	18.3
11 7	2 44.99	+31 16.8	1.128	2.101	7.0	18.1
11 17	2 33.71	+30 35.6	1.126	2.091	8.0	18.1
11 27	2 24.24	+29 36.7	1.148	2.081	11.9	18.3
12 7	2 17.98	+28 31.9	1.191	2.072	16.1	18.5

272245 2005 QO_{125} 11 6.2 303.°39 0.°7/ 6.5 18

9 28	3 12.75	+19 2.4	1.449	2.263	18.5	20.9
10 8	3 9.90	+18 58.5	1.357	2.247	14.9	20.7
10 18	3 3.86	+18 41.1	1.285	2.232	10.5	20.4
10 28	2 55.22	+18 10.7	1.235	2.216	5.4	20.0
11 7	2 45.09	+17 30.5	1.210	2.201	0.7	19.7
11 17	2 34.92	+16 45.8	1.212	2.186	5.9	20.0
11 27	2 26.25	+16 4.1	1.239	2.171	11.3	20.2
12 7	2 20.26	+15 32.4	1.288	2.157	16.0	20.5

378079 2006 US_{69} 11 6.2 325.°05 3.°5/ 4.2 18

9 28	3 10.33	+12 2.8	1.274	2.114	19.1	20.6
10 8	3 8.07	+11 14.1	1.196	2.103	15.1	20.3
10 18	3 2.60	+10 14.2	1.137	2.093	10.4	20.0
10 28	2 54.56	+ 9 8.8	1.100	2.083	5.5	19.7
11 7	2 45.16	+ 8 5.8	1.088	2.074	3.9	19.6
11 17	2 35.88	+ 7 13.8	1.101	2.065	8.3	19.9
11 27	2 28.25	+ 6 40.3	1.137	2.057	13.4	20.1
12 7	2 23.35	+ 6 29.4	1.194	2.050	18.0	20.4

458096 2010 BY_{24} 11 6.2 328.°91 6.°1/11.6 17

9 28	3 12.17	+36 1.7	2.219	2.937	15.7	21.2
10 8	3 8.50	+36 21.7	2.124	2.933	13.5	21.1
10 18	3 2.33	+36 23.0	2.048	2.930	10.9	20.9
10 28	2 54.25	+36 2.6	1.996	2.926	8.3	20.7
11 7	2 45.19	+35 20.2	1.968	2.923	6.4	20.6
11 17	2 36.26	+34 18.1	1.969	2.920	6.5	20.6
11 27	2 28.58	+33 2.3	1.996	2.917	8.5	20.7
12 7	2 22.97	+31 40.7	2.050	2.914	11.1	20.9

451211 2009 VU_{79} 11 6.2 323.°18 14.°6/25.2 17

9 28	3 13.64	−24 8.7	1.922	2.680	16.6	20.5
10 8	3 9.61	−25 27.7	1.857	2.657	15.5	20.4
10 18	3 3.06	−26 27.1	1.810	2.634	14.8	20.3
10 28	2 54.59	−26 57.2	1.783	2.611	14.6	20.3
11 7	2 45.17	−26 51.2	1.776	2.590	15.2	20.3
11 17	2 35.91	−26 5.6	1.789	2.568	16.3	20.3
11 27	2 27.92	−24 41.8	1.822	2.548	17.8	20.4
12 7	2 22.04	−22 45.0	1.872	2.528	19.4	20.5

480515 2015 MJ_{6} 11 6.2 114.°03 3.°5/ 3.8 18

9 28	3 13.48	+ 9 8.2	1.835	2.649	15.3	21.2
10 8	3 9.24	+ 8 24.1	1.764	2.656	12.0	21.0
10 18	3 2.63	+ 7 35.5	1.716	2.663	8.2	20.8
10 28	2 54.31	+ 6 46.9	1.692	2.671	4.7	20.6
11 7	2 45.20	+ 6 3.6	1.696	2.677	3.8	20.5
11 17	2 36.37	+ 5 30.7	1.729	2.684	6.8	20.7
11 27	2 28.81	+ 5 12.2	1.789	2.691	10.4	21.0
12 7	2 23.27	+ 5 9.7	1.872	2.697	13.7	21.2

75804 2000 AH_{236} 11 6.2 319.°51 7.°7/31.4 18

9 28	3 8.37	+ 1 49.0	1.604	2.439	16.1	19.0
10 8	3 5.73	+ 0 13.3	1.528	2.427	13.0	18.8
10 18	3 0.54	− 1 24.7	1.473	2.415	9.9	18.6
10 28	2 53.41	− 2 55.8	1.443	2.403	7.9	18.5
11 7	2 45.28	− 4 10.6	1.439	2.392	8.3	18.5
11 17	2 37.27	− 5 1.4	1.459	2.382	11.0	18.6
11 27	2 30.54	− 5 23.7	1.503	2.371	14.3	18.8
12 7	2 25.91	− 5 17.3	1.568	2.362	17.4	19.0

325659 2009 SR_{351} 11 6.2 156°.39 1°.6/ 7.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 13.50	+21 38.6	2.537	3.304	12.8	21.0
10 8	3 8.82	+21 51.5	2.447	3.307	10.3	20.8
10 18	3 2.18	+21 55.5	2.379	3.310	7.3	20.6
10 28	2 54.07	+21 50.5	2.339	3.312	4.1	20.4
11 7	2 45.23	+21 37.6	2.327	3.315	1.6	20.2
11 17	2 36.48	+21 18.9	2.346	3.317	3.8	20.4
11 27	2 28.69	+20 58.0	2.394	3.319	7.0	20.6
12 7	2 22.50	+20 38.6	2.469	3.321	9.9	20.8

523578 2018 EO_8 11 6.2 141°.48 7°.9/28.3 18

9 28	3 11.52	−16 36.8	3.245	4.001	10.5	22.5
10 8	3 6.56	−17 41.0	3.199	4.015	9.2	22.5
10 18	3 0.23	−18 35.0	3.176	4.028	8.3	22.4
10 28	2 52.97	−19 14.1	3.179	4.041	7.9	22.4
11 7	2 45.33	−19 35.1	3.208	4.053	8.2	22.4
11 17	2 37.91	−19 36.1	3.262	4.064	9.1	22.5
11 27	2 31.26	−19 17.1	3.341	4.075	10.3	22.6
12 7	2 25.82	−18 40.0	3.441	4.086	11.4	22.7

10641 1998 XS_{52} 11 6.2 325°.36 0°.1/ 6.3 18

9 28	3 9.56	+17 42.7	2.030	2.830	14.4	17.9
10 8	3 6.28	+17 33.7	1.936	2.819	11.5	17.7
10 18	3 0.75	+17 15.3	1.863	2.808	7.9	17.5
10 28	2 53.47	+16 48.9	1.815	2.797	3.9	17.2
11 7	2 45.28	+16 17.2	1.795	2.786	0.3	16.9
11 17	2 37.12	+15 44.0	1.804	2.776	4.6	17.2
11 27	2 30.02	+15 14.1	1.840	2.767	8.6	17.4
12 7	2 24.76	+14 51.8	1.901	2.758	12.2	17.6

221956 1995 FW_5 11 6.2 340°.90 4°.1/ 8.9 17

9 28	3 13.32	+26 56.4	2.056	2.819	15.5	19.6
10 8	3 9.42	+27 32.8	1.964	2.815	12.8	19.4
10 18	3 3.01	+27 56.6	1.893	2.810	9.7	19.2
10 28	2 54.63	+28 5.6	1.845	2.806	6.4	19.0
11 7	2 45.17	+27 59.3	1.825	2.803	4.1	18.8
11 17	2 35.75	+27 39.5	1.833	2.799	5.3	18.9
11 27	2 27.49	+27 10.7	1.868	2.796	8.4	19.1
12 7	2 21.31	+26 38.9	1.929	2.793	11.7	19.3

104152 2000 EU_{68} 11 6.2 211°.80 0°.0/ 6.2 17

9 28	3 10.38	+17 40.0	2.828	3.607	11.3	21.0
10 8	3 6.14	+17 25.8	2.730	3.602	8.9	20.9
10 18	3 0.23	+17 4.5	2.657	3.596	6.1	20.7
10 28	2 53.09	+16 37.3	2.611	3.591	3.0	20.5
11 7	2 45.33	+16 6.2	2.594	3.585	0.3	20.2
11 17	2 37.63	+15 34.1	2.608	3.579	3.5	20.5
11 27	2 30.72	+15 4.4	2.652	3.573	6.6	20.7
12 7	2 25.15	+14 40.1	2.724	3.566	9.4	20.9

223445 2003 SF_{309} 11 6.2 46°.60 0°.0/ 6.2 18

9 28	3 10.10	+18 44.7	2.012	2.810	14.7	20.1
10 8	3 6.46	+18 18.3	1.941	2.822	11.5	19.9
10 18	3 0.67	+17 41.2	1.891	2.835	7.9	19.7
10 28	2 53.33	+16 55.6	1.867	2.848	3.9	19.5
11 7	2 45.31	+16 5.2	1.871	2.862	0.3	19.2
11 17	2 37.56	+15 14.8	1.903	2.875	4.4	19.6
11 27	2 30.98	+14 29.6	1.964	2.889	8.3	19.8
12 7	2 26.25	+13 53.9	2.050	2.903	11.6	20.1

10856 Bechstein 11 6.2 81°.30 9°.1/14.8 18

9 28	3 24.67	+45 28.1	2.539	3.167	15.8	18.1
10 8	3 18.46	+46 51.3	2.469	3.190	14.1	18.0
10 18	3 9.25	+47 55.7	2.416	3.213	12.3	17.9
10 28	2 57.70	+48 35.5	2.385	3.236	10.6	17.8
11 7	2 44.92	+48 47.4	2.379	3.258	9.4	17.8
11 17	2 32.28	+48 31.5	2.398	3.280	9.1	17.8
11 27	2 21.18	+47 52.0	2.444	3.302	9.8	17.9
12 7	2 12.61	+46 56.3	2.514	3.324	11.1	18.0

446178 2013 FC_6 11 6.2 60°.31 9°.2/30.4 18

9 28	3 11.28	− 7 35.8	1.922	2.732	14.8	20.6
10 8	3 7.31	− 8 56.2	1.871	2.742	12.4	20.5
10 18	3 1.18	−10 7.8	1.841	2.751	10.3	20.4
10 28	2 53.55	−11 3.0	1.836	2.761	9.2	20.3
11 7	2 45.29	−11 35.5	1.856	2.771	9.6	20.4
11 17	2 37.34	−11 42.0	1.901	2.781	11.3	20.5
11 27	2 30.60	−11 21.8	1.969	2.791	13.4	20.7
12 7	2 25.71	−10 37.7	2.058	2.801	15.5	20.9

236325 2006 BK_{82} 11 6.2 185°.43 0°.8/ 5.6 18

9 28	3 14.38	+15 51.8	2.070	2.864	14.4	22.4
10 8	3 9.85	+15 25.9	1.984	2.864	11.4	22.2
10 18	3 3.04	+14 51.1	1.919	2.864	7.8	22.0
10 28	2 54.54	+14 9.6	1.881	2.863	3.8	21.7
11 7	2 45.21	+13 25.2	1.871	2.861	1.0	21.5
11 17	2 36.03	+12 42.3	1.891	2.860	4.9	21.8
11 27	2 27.99	+12 5.8	1.940	2.857	8.8	22.0
12 7	2 21.86	+11 39.7	2.014	2.855	12.3	22.2

117278 2004 TQ_{120} 11 6.2 45°.45 4°.3/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 14.65	+ 4 41.1	1.821	2.635	15.3	18.4
10 8	3 10.07	+ 4 26.6	1.759	2.649	12.1	18.2
10 18	3 3.15	+ 4 13.2	1.719	2.664	8.5	18.0
10 28	2 54.54	+ 4 4.7	1.704	2.678	5.2	17.8
11 7	2 45.23	+ 4 4.9	1.717	2.693	4.5	17.8
11 17	2 36.24	+ 4 16.3	1.757	2.709	7.1	18.0
11 27	2 28.58	+ 4 40.7	1.825	2.724	10.4	18.2
12 7	2 22.95	+ 5 17.9	1.916	2.740	13.5	18.5

96508 1998 QJ_{30} 11 6.2 180°.59 0°.2/ 6.3 18

9 28	3 13.63	+19 19.2	2.320	3.100	13.5	20.9
10 8	3 9.02	+18 50.7	2.230	3.101	10.7	20.7
10 18	3 2.36	+18 11.5	2.163	3.102	7.4	20.5
10 28	2 54.17	+17 23.4	2.122	3.102	3.7	20.2
11 7	2 45.26	+16 29.5	2.110	3.101	0.3	20.0
11 17	2 36.51	+15 34.2	2.129	3.100	4.2	20.3
11 27	2 28.80	+14 42.5	2.178	3.099	7.8	20.5
12 7	2 22.81	+13 59.0	2.253	3.097	11.0	20.7

200352 2000 KH_{37} 11 6.2 352°.77 0°.1/ 6.1 17

9 28	3 12.42	+15 35.6	2.229	3.022	13.5	20.1
10 8	3 8.21	+15 44.5	2.141	3.020	10.7	19.9
10 18	3 1.90	+15 47.6	2.076	3.019	7.3	19.7
10 28	2 53.99	+15 45.6	2.037	3.018	3.6	19.5
11 7	2 45.28	+15 40.5	2.026	3.017	0.4	19.2
11 17	2 36.65	+15 34.5	2.045	3.017	4.3	19.5
11 27	2 29.03	+15 30.8	2.093	3.016	7.9	19.8
12 7	2 23.14	+15 32.3	2.166	3.016	11.2	20.0

158802 2003 SU_{235} 11 6.2 119°.76 1°.5/ 7.5 18

9 28	3 11.51	+22 42.2	2.526	3.294	12.8	20.7
10 8	3 7.21	+22 33.7	2.442	3.303	10.2	20.5
10 18	3 1.03	+22 14.6	2.380	3.311	7.3	20.3
10 28	2 53.49	+21 45.5	2.345	3.319	4.0	20.1
11 7	2 45.33	+21 8.4	2.339	3.328	1.5	20.0
11 17	2 37.34	+20 26.5	2.363	3.336	3.7	20.1
11 27	2 30.31	+19 44.0	2.417	3.343	6.8	20.3
12 7	2 24.87	+19 5.3	2.497	3.351	9.8	20.6

226144 2002 RN_{170} 11 6.2 62°.68 3°.2/ 8.1 16

9 28	3 19.06	+24 54.9	1.312	2.108	21.1	20.7
10 8	3 14.60	+25 0.8	1.260	2.134	17.0	20.5
10 18	3 6.71	+24 47.4	1.226	2.161	12.2	20.3
10 28	2 56.37	+24 14.0	1.214	2.187	7.0	20.1
11 7	2 45.09	+23 23.9	1.227	2.214	3.2	20.0
11 17	2 34.50	+22 23.7	1.267	2.241	5.9	20.2
11 27	2 26.05	+21 22.8	1.333	2.267	10.4	20.6
12 7	2 20.61	+20 29.7	1.421	2.293	14.6	20.9

58174 1990 SZ_{10} 11 6.2 55°.42 4°.2/ 8.4 18

9 28	3 18.92	+25 13.9	1.367	2.159	20.6	18.9
10 8	3 14.64	+25 52.7	1.308	2.178	16.7	18.7
10 18	3 6.91	+26 14.4	1.266	2.197	12.3	18.5
10 28	2 56.57	+26 16.3	1.247	2.216	7.6	18.3
11 7	2 45.06	+25 59.0	1.252	2.235	4.3	18.1
11 17	2 34.04	+25 26.4	1.284	2.255	6.3	18.3
11 27	2 25.05	+24 46.4	1.341	2.275	10.5	18.6
12 7	2 19.09	+24 7.5	1.422	2.295	14.5	18.9

186645 2003 NW_8 11 6.2 99°.73 0°.8/ 6.9 18

9 28	3 13.99	+20 6.9	2.538	3.309	12.7	21.0
10 8	3 8.97	+20 1.4	2.467	3.332	10.0	20.8
10 18	3 2.12	+19 47.2	2.419	3.354	7.0	20.7
10 28	2 53.99	+19 25.0	2.398	3.376	3.6	20.5
11 7	2 45.32	+18 57.0	2.407	3.397	0.8	20.3
11 17	2 36.90	+18 26.2	2.446	3.418	3.6	20.6
11 27	2 29.52	+17 56.2	2.516	3.439	6.8	20.8
12 7	2 23.73	+17 30.5	2.612	3.459	9.6	21.0

14485 1994 RK_{11} 11 6.2 21°.58 1°.3/ 6.8 18

9 28	3 9.97	+20 5.4	1.015	1.860	22.6	17.0
10 8	3 8.33	+20 6.7	0.964	1.871	18.0	16.7
10 18	3 2.94	+19 50.2	0.930	1.883	12.6	16.5
10 28	2 54.72	+19 17.3	0.915	1.898	6.5	16.2
11 7	2 45.26	+18 32.9	0.923	1.913	1.3	15.9
11 17	2 36.35	+17 44.9	0.954	1.931	6.5	16.3
11 27	2 29.63	+17 2.5	1.008	1.949	12.1	16.7
12 7	2 26.10	+16 32.9	1.082	1.969	16.9	17.0

397190 2006 BQ_{61} 11 6.2 359°.94 2°.2/ 7.0 18

9 28	3 13.34	+17 41.2	1.379	2.200	19.0	19.0
10 8	3 10.43	+18 43.9	1.304	2.196	15.3	18.7
10 18	3 4.25	+19 40.4	1.247	2.193	10.9	18.5
10 28	2 55.44	+20 28.5	1.213	2.192	5.9	18.2
11 7	2 45.18	+21 7.0	1.204	2.193	2.2	18.0
11 17	2 34.99	+21 36.3	1.221	2.195	5.9	18.2
11 27	2 26.42	+21 59.7	1.263	2.199	10.7	18.5
12 7	2 20.65	+22 21.6	1.328	2.205	15.1	18.8

323506 2004 QF_{28} 11 6.2 327°.27 2°.5/ 8.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 10.46	+25 30.4	2.071	2.845	15.1	20.6
10 8	3 7.01	+25 20.1	1.980	2.841	12.3	20.4
10 18	3 1.25	+24 55.0	1.909	2.837	8.9	20.2
10 28	2 53.73	+24 14.9	1.863	2.833	5.3	19.9
11 7	2 45.34	+23 21.9	1.844	2.830	2.5	19.8
11 17	2 37.08	+22 20.3	1.854	2.826	4.4	19.9
11 27	2 29.96	+21 16.4	1.892	2.823	8.1	20.1
12 7	2 24.77	+20 16.6	1.956	2.820	11.5	20.3

302102 2001 FE_{125} 11 6.2 245°.11 4°.2/ 2.5 18

9 28	3 11.23	+ 8 42.6	2.111	2.920	13.7	21.3
10 8	3 7.37	+ 7 21.3	2.017	2.907	10.8	21.1
10 18	3 1.38	+ 5 52.5	1.947	2.892	7.6	20.9
10 28	2 53.78	+ 4 21.9	1.903	2.878	4.8	20.7
11 7	2 45.34	+ 2 56.2	1.889	2.862	4.6	20.7
11 17	2 36.96	+ 1 42.2	1.904	2.847	7.3	20.8
11 27	2 29.59	+ 0 45.6	1.947	2.831	10.7	21.0
12 7	2 23.96	+ 0 9.3	2.013	2.814	13.8	21.2

410645 2008 RW_{131} 11 6.2 355°.20 3°.1/ 8.5 17

9 28	3 12.97	+25 27.0	2.282	3.044	14.2	20.9
10 8	3 8.80	+25 51.4	2.191	3.044	11.6	20.7
10 18	3 2.39	+26 4.3	2.122	3.043	8.6	20.5
10 28	2 54.29	+26 4.6	2.077	3.043	5.4	20.3
11 7	2 45.29	+25 52.7	2.061	3.042	3.1	20.2
11 17	2 36.37	+25 30.6	2.073	3.042	4.5	20.3
11 27	2 28.51	+25 2.4	2.114	3.042	7.6	20.5
12 7	2 22.48	+24 33.2	2.182	3.042	10.7	20.7

351105 2003 UT_{317} 11 6.2 357°.48 3°.5/ 8.1 18

9 28	3 4.86	+24 12.0	1.121	1.956	21.6	20.5
10 8	3 4.40	+24 28.9	1.051	1.949	17.6	20.2
10 18	3 0.44	+24 25.1	0.998	1.944	12.9	19.9
10 28	2 53.65	+23 59.4	0.964	1.941	7.6	19.6
11 7	2 45.36	+23 14.3	0.952	1.940	3.6	19.4
11 17	2 37.26	+22 16.1	0.964	1.941	6.4	19.6
11 27	2 31.04	+21 15.2	0.998	1.943	11.7	19.9
12 7	2 27.86	+20 21.5	1.053	1.948	16.5	20.1

66086 1998 RL_{69} 11 6.2 356°.68 3°.5/ 8.5 17

9 28	3 13.96	+25 37.8	2.109	2.874	15.1	18.9
10 8	3 9.81	+26 10.8	2.020	2.873	12.4	18.8
10 18	3 3.22	+26 32.0	1.951	2.872	9.2	18.6
10 28	2 54.75	+26 39.8	1.907	2.872	5.9	18.4
11 7	2 45.28	+26 33.9	1.891	2.871	3.6	18.2
11 17	2 35.88	+26 16.3	1.903	2.871	4.9	18.3
11 27	2 27.63	+25 51.2	1.944	2.872	8.1	18.5
12 7	2 21.38	+25 24.2	2.010	2.872	11.4	18.7

133481 2003 SS_{256} 11 6.2 331°.14 0°.2/ 6.1 18

9 28	3 9.61	+17 34.7	2.080	2.879	14.2	20.0
10 8	3 6.21	+17 15.3	1.991	2.874	11.2	19.8
10 18	3 0.64	+16 46.3	1.923	2.868	7.7	19.6
10 28	2 53.44	+16 9.4	1.881	2.863	3.8	19.3
11 7	2 45.40	+15 27.8	1.867	2.858	0.4	19.0
11 17	2 37.47	+14 45.9	1.882	2.853	4.5	19.3
11 27	2 30.59	+14 8.5	1.925	2.849	8.4	19.6
12 7	2 25.49	+13 39.8	1.992	2.845	11.9	19.8

220198 2002 VG_{23} 11 6.2 2°.36 2°.1/ 7.2 18

9 28	3 7.38	+20 29.3	1.001	1.850	22.6	20.0
10 8	3 6.64	+20 47.5	0.939	1.847	18.2	19.7
10 18	3 2.10	+20 48.4	0.892	1.846	12.9	19.4
10 28	2 54.49	+20 31.7	0.865	1.846	7.0	19.1
11 7	2 45.31	+20 0.6	0.859	1.849	2.1	18.8
11 17	2 36.40	+19 21.6	0.876	1.853	6.7	19.2
11 27	2 29.59	+18 43.9	0.915	1.860	12.5	19.5
12 7	2 26.09	+18 16.0	0.973	1.868	17.6	19.8

310318 2011 UP_{134} 11 6.2 69°.15 0°.6/ 6.6 18

9 28	3 18.59	+17 49.1	1.797	2.587	16.4	20.9
10 8	3 13.24	+18 0.2	1.739	2.615	12.9	20.7
10 18	3 5.34	+18 2.3	1.702	2.643	8.9	20.6
10 28	2 55.65	+17 55.9	1.690	2.670	4.4	20.4
11 7	2 45.24	+17 43.2	1.707	2.697	0.6	20.1
11 17	2 35.27	+17 27.5	1.752	2.724	4.7	20.5
11 27	2 26.83	+17 13.2	1.826	2.751	8.7	20.8
12 7	2 20.65	+17 4.2	1.924	2.778	12.2	21.1

374676 2006 QD 11 6.2 47°.59 3°.1/ 7.7 17

9 28	3 19.80	+22 46.1	1.090	1.907	23.2	20.6
10 8	3 15.70	+23 12.4	1.047	1.934	18.6	20.4
10 18	3 7.72	+23 20.1	1.021	1.963	13.2	20.2
10 28	2 56.95	+23 8.0	1.015	1.992	7.4	20.0
11 7	2 45.13	+22 38.7	1.033	2.021	3.2	19.8
11 17	2 34.16	+21 58.6	1.076	2.051	6.4	20.1
11 27	2 25.66	+21 16.9	1.143	2.081	11.4	20.5
12 7	2 20.56	+20 42.1	1.232	2.111	15.9	20.8

20009 1991 OY 11 6.2 47°.38 6°.2/ 2.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 12.69	+ 5 25.6	1.370	2.207	18.2	17.5
10 8	3 9.12	+ 4 12.3	1.324	2.227	14.3	17.4
10 18	3 2.75	+ 2 57.8	1.298	2.247	10.2	17.2
10 28	2 54.42	+ 1 50.1	1.296	2.268	6.8	17.1
11 7	2 45.34	+ 0 57.3	1.319	2.290	6.6	17.1
11 17	2 36.81	+ 0 25.5	1.368	2.312	9.5	17.3
11 27	2 29.97	+ 0 17.5	1.440	2.334	13.1	17.6
12 7	2 25.56	+ 0 32.7	1.534	2.356	16.4	17.9

229004 2003 WL_{178} 11 6.2 225°.35 0°.2/ 6.0 17

9 28	3 11.44	+16 10.6	2.578	3.364	12.1	21.6
10 8	3 7.17	+16 3.1	2.484	3.359	9.6	21.4
10 18	3 1.06	+15 49.2	2.413	3.354	6.6	21.2
10 28	2 53.58	+15 30.0	2.368	3.349	3.2	21.0
11 7	2 45.41	+15 7.8	2.353	3.344	0.4	20.8
11 17	2 37.30	+14 45.3	2.369	3.339	3.9	21.1
11 27	2 30.05	+14 25.8	2.413	3.333	7.2	21.3
12 7	2 24.28	+14 12.2	2.485	3.328	10.2	21.4

421966 2014 QR_{283} 11 6.2 354°.33 3°.9/ 3.7 18

9 28	3 12.53	+ 5 21.3	2.060	2.871	13.9	20.1
10 8	3 8.34	+ 5 1.2	1.981	2.870	11.0	19.9
10 18	3 2.01	+ 4 40.8	1.924	2.869	7.8	19.7
10 28	2 54.08	+ 4 24.1	1.894	2.868	4.8	19.5
11 7	2 45.37	+ 4 14.6	1.891	2.867	4.1	19.4
11 17	2 36.81	+ 4 15.6	1.916	2.867	6.6	19.6
11 27	2 29.33	+ 4 29.3	1.969	2.867	9.9	19.8
12 7	2 23.64	+ 4 56.1	2.046	2.867	12.9	20.0

335018 2004 NF_{12} 11 6.2 60°.52 6°.2/ 3.3 18

9 28	3 18.59	+ 3 7.0	1.397	2.221	18.6	20.3
10 8	3 13.53	+ 2 24.0	1.356	2.250	14.7	20.1
10 18	3 5.61	+ 1 43.5	1.335	2.279	10.5	20.0
10 28	2 55.75	+ 1 12.1	1.338	2.308	7.0	19.9
11 7	2 45.25	+ 0 55.7	1.367	2.337	6.4	19.9
11 17	2 35.42	+ 0 57.8	1.422	2.366	9.2	20.1
11 27	2 27.44	+ 1 19.5	1.502	2.395	12.7	20.4
12 7	2 22.02	+ 1 59.2	1.603	2.423	15.9	20.7

226965 2004 VE_{88} 11 6.2 239°.02 1°.0/ 6.9 17

9 28	3 13.17	+19 18.7	2.361	3.140	13.3	21.3
10 8	3 8.76	+19 28.0	2.268	3.137	10.6	21.1
10 18	3 2.29	+19 29.3	2.198	3.134	7.4	20.9
10 28	2 54.23	+19 22.8	2.153	3.131	3.9	20.7
11 7	2 45.36	+19 9.9	2.138	3.128	1.0	20.5
11 17	2 36.56	+18 53.0	2.152	3.125	4.0	20.7
11 27	2 28.73	+18 35.6	2.196	3.121	7.5	20.9
12 7	2 22.58	+18 21.4	2.266	3.118	10.7	21.1

141909 2002 PA_{78} 11 6.2 310°.87 2°.8/ 7.9 18

9 28	3 12.46	+24 27.7	1.382	2.187	19.8	19.7
10 8	3 9.90	+24 26.2	1.296	2.176	16.2	19.4
10 18	3 4.00	+24 5.4	1.227	2.166	11.8	19.1
10 28	2 55.38	+23 24.0	1.181	2.156	6.8	18.8
11 7	2 45.26	+22 24.4	1.158	2.146	2.9	18.6
11 17	2 35.21	+21 12.8	1.162	2.137	6.0	18.7
11 27	2 26.85	+19 59.0	1.190	2.128	11.1	19.0
12 7	2 21.35	+18 53.0	1.242	2.119	15.9	19.3

216443 2009 FS_{20} 11 6.2 24°.59 0°.3/ 6.0 18

9 28	3 14.56	+15 12.1	1.634	2.445	17.0	19.8
10 8	3 10.62	+15 20.8	1.560	2.449	13.4	19.6
10 18	3 3.92	+15 22.1	1.507	2.454	9.2	19.4
10 28	2 55.12	+15 17.3	1.477	2.459	4.5	19.1
11 7	2 45.29	+15 8.8	1.474	2.465	0.6	18.8
11 17	2 35.68	+15 0.1	1.499	2.471	5.4	19.2
11 27	2 27.52	+14 55.3	1.551	2.478	9.9	19.5
12 7	2 21.70	+14 58.1	1.626	2.485	13.8	19.7

236701 2007 EH_{38} 11 6.2 136°.65 2°.3/ 4.6 18

9 28	3 14.05	+13 16.0	1.794	2.602	15.8	20.7
10 8	3 9.83	+12 26.2	1.720	2.609	12.3	20.5
10 18	3 3.14	+11 27.7	1.668	2.616	8.4	20.3
10 28	2 54.66	+10 24.6	1.641	2.623	4.3	20.0
11 7	2 45.35	+ 9 22.6	1.642	2.629	2.6	20.0
11 17	2 36.32	+ 8 27.8	1.672	2.634	6.2	20.2
11 27	2 28.63	+ 7 45.7	1.729	2.640	10.2	20.5
12 7	2 23.03	+ 7 19.8	1.810	2.645	13.7	20.7

378165 2006 WC_{43} 11 6.2 55°.00 3°.7/ 4.7 15

9 28	3 20.47	+ 9 8.5	1.176	2.008	21.0	20.9
10 8	3 15.53	+ 8 48.2	1.137	2.038	16.3	20.7
10 18	3 7.22	+ 8 24.3	1.116	2.068	11.1	20.5
10 28	2 56.60	+ 8 2.0	1.117	2.098	5.9	20.3
11 7	2 45.21	+ 7 46.4	1.144	2.129	4.0	20.3
11 17	2 34.64	+ 7 42.3	1.196	2.159	7.9	20.6
11 27	2 26.28	+ 7 52.5	1.273	2.190	12.5	21.0
12 7	2 20.91	+ 8 17.8	1.371	2.221	16.4	21.3

120027 2003 AZ_{57} 11 6.2 221°.20 1°.6/ 5.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 15.63	+13 30.9	1.849	2.651	15.6	20.4
10 8	3 11.22	+13 9.3	1.760	2.645	12.3	20.2
10 18	3 4.25	+12 40.1	1.692	2.639	8.4	19.9
10 28	2 55.29	+12 5.9	1.650	2.632	4.2	19.7
11 7	2 45.30	+11 30.6	1.636	2.625	1.8	19.5
11 17	2 35.40	+10 58.9	1.650	2.617	5.7	19.7
11 27	2 26.75	+10 35.7	1.692	2.609	10.0	20.0
12 7	2 20.22	+10 24.4	1.759	2.600	13.8	20.2

355038 2006 RF_{77} 11 6.2 43°.82 2°.2/ 4.8 18

9 28	3 11.61	+12 52.4	1.765	2.580	15.7	21.0
10 8	3 7.98	+12 16.9	1.693	2.586	12.3	20.8
10 18	3 1.92	+11 33.8	1.642	2.592	8.4	20.6
10 28	2 54.07	+10 47.0	1.616	2.599	4.2	20.4
11 7	2 45.41	+10 1.3	1.618	2.605	2.4	20.3
11 17	2 37.00	+ 9 22.0	1.648	2.612	6.0	20.5
11 27	2 29.88	+ 8 54.0	1.704	2.620	10.0	20.8
12 7	2 24.82	+ 8 40.3	1.784	2.627	13.5	21.0

356740 2011 UE_{203} 11 6.2 55°.71 2°.0/ 4.9 18

9 28	3 12.53	+12 29.6	1.824	2.635	15.4	20.9
10 8	3 8.62	+12 2.9	1.751	2.642	12.1	20.7
10 18	3 2.32	+11 29.7	1.700	2.649	8.2	20.4
10 28	2 54.27	+10 53.3	1.674	2.656	4.1	20.2
11 7	2 45.40	+10 17.9	1.675	2.663	2.2	20.1
11 17	2 36.77	+ 9 48.2	1.705	2.670	5.8	20.4
11 27	2 29.42	+ 9 28.5	1.762	2.677	9.7	20.6
12 7	2 24.09	+ 9 21.5	1.843	2.685	13.2	20.8

100940 Maunder 11 6.2 127°.92 7°.6/31.9 18

9 28	3 15.27	− 4 39.1	2.081	2.882	14.1	19.9
10 8	3 10.25	− 5 40.1	2.023	2.894	11.6	19.7
10 18	3 3.14	− 6 34.8	1.988	2.906	9.2	19.6
10 28	2 54.57	− 7 16.8	1.978	2.918	7.7	19.6
11 7	2 45.39	− 7 40.9	1.995	2.929	7.9	19.6
11 17	2 36.52	− 7 43.9	2.040	2.939	9.6	19.7
11 27	2 28.84	− 7 24.9	2.110	2.949	11.9	19.9
12 7	2 22.98	− 6 45.8	2.202	2.959	14.2	20.1

369594 2011 CK_{14} 11 6.2 126°.11 3°.5/ 9.3 18

9 28	3 12.32	+28 45.6	2.513	3.257	13.5	21.4
10 8	3 8.08	+28 56.7	2.423	3.261	11.1	21.3
10 18	3 1.79	+28 54.7	2.354	3.264	8.4	21.1
10 28	2 53.98	+28 38.3	2.311	3.268	5.6	20.9
11 7	2 45.43	+28 8.5	2.295	3.271	3.6	20.8
11 17	2 37.01	+27 27.7	2.309	3.275	4.4	20.9
11 27	2 29.59	+26 40.4	2.352	3.278	7.0	21.1
12 7	2 23.87	+25 51.9	2.422	3.282	9.8	21.2

147491 2004 CO_{77} 11 6.2 139°.90 1°.7/ 5.0 18

9 28	3 12.33	+13 38.1	1.994	2.798	14.5	20.1
10 8	3 8.31	+13 6.9	1.913	2.800	11.4	19.9
10 18	3 2.05	+12 28.2	1.855	2.802	7.8	19.7
10 28	2 54.13	+11 45.1	1.822	2.804	3.8	19.5
11 7	2 45.42	+11 1.8	1.818	2.806	1.9	19.4
11 17	2 36.89	+10 22.8	1.843	2.808	5.4	19.6
11 27	2 29.52	+ 9 52.8	1.895	2.810	9.2	19.8
12 7	2 24.02	+ 9 35.0	1.972	2.812	12.6	20.1

20536 Tracicarter 11 6.2 109°.71 2°.0/ 5.0 18

9 28	3 17.87	+13 36.4	1.593	2.402	17.4	19.0
10 8	3 13.03	+13 3.0	1.529	2.418	13.6	18.8
10 18	3 5.41	+12 21.1	1.485	2.433	9.3	18.6
10 28	2 55.78	+11 34.3	1.467	2.449	4.6	18.4
11 7	2 45.30	+10 48.0	1.475	2.463	2.2	18.3
11 17	2 35.23	+10 7.8	1.512	2.478	6.3	18.6
11 27	2 26.78	+ 9 39.0	1.575	2.491	10.6	18.8
12 7	2 20.75	+ 9 25.0	1.663	2.505	14.4	19.1

442483 2011 UO_{351} 11 6.2 9°.57 3°.1/ 8.2 17

9 28	3 10.44	+25 1.1	1.488	2.289	18.8	20.6
10 8	3 7.88	+25 6.1	1.414	2.291	15.3	20.4
10 18	3 2.31	+24 53.1	1.357	2.293	11.1	20.2
10 28	2 54.43	+24 21.6	1.323	2.296	6.6	19.9
11 7	2 45.40	+23 33.8	1.314	2.301	3.2	19.7
11 17	2 36.61	+22 35.4	1.331	2.306	5.5	19.9
11 27	2 29.43	+21 34.3	1.374	2.311	9.9	20.2
12 7	2 24.79	+20 38.8	1.441	2.318	14.1	20.4

92093 1999 XD_{29} 11 6.2 149°.99 3°.8/ 3.4 18

9 28	3 12.59	+ 4 33.8	2.403	3.205	12.4	18.6
10 8	3 8.02	+ 4 8.0	2.325	3.208	9.8	18.4
10 18	3 1.61	+ 3 42.3	2.270	3.211	7.0	18.2
10 28	2 53.85	+ 3 20.2	2.242	3.214	4.5	18.1
11 7	2 45.46	+ 3 5.3	2.244	3.216	4.0	18.1
11 17	2 37.23	+ 3 0.3	2.274	3.219	6.2	18.2
11 27	2 29.93	+ 3 7.3	2.333	3.221	9.0	18.4
12 7	2 24.19	+ 3 26.8	2.416	3.223	11.6	18.6

152078 2004 RW_{19} 11 6.2 229°.46 0°.6/ 5.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 13.80	+14 21.9	2.215	3.008	13.6	19.9
10 8	3 9.32	+14 23.3	2.127	3.007	10.7	19.7
10 18	3 2.70	+14 19.2	2.061	3.005	7.4	19.5
10 28	2 54.47	+14 10.9	2.022	3.004	3.6	19.3
11 7	2 45.41	+14 0.5	2.012	3.002	0.8	19.0
11 17	2 36.46	+13 50.8	2.031	3.001	4.5	19.3
11 27	2 28.53	+13 45.0	2.079	2.999	8.2	19.5
12 7	2 22.36	+13 45.8	2.153	2.997	11.5	19.8

503405 2016 CU_{247} 11 6.2 40°.38 17°.5/19.2 17

9 28	3 21.58	+49 43.2	1.104	1.811	29.1	20.7
10 8	3 20.04	+51 37.7	1.046	1.817	26.7	20.5
10 18	3 12.67	+52 55.6	0.999	1.824	23.9	20.3
10 28	3 0.18	+53 22.3	0.965	1.831	21.1	20.2
11 7	2 44.92	+52 47.1	0.946	1.839	18.7	20.1
11 17	2 30.24	+51 8.9	0.945	1.848	17.5	20.0
11 27	2 19.30	+48 40.7	0.963	1.856	18.0	20.1
12 7	2 13.74	+45 45.1	1.000	1.865	19.8	20.2

26100 1990 QL_5 11 6.2 29°.12 2°.7/ 4.9 18

9 28	3 11.49	+13 16.5	1.056	1.907	21.5	17.6
10 8	3 9.14	+12 43.1	1.010	1.922	16.8	17.3
10 18	3 3.27	+11 59.4	0.981	1.939	11.4	17.1
10 28	2 54.85	+11 11.0	0.973	1.958	5.6	16.9
11 7	2 45.40	+10 25.4	0.989	1.977	3.0	16.8
11 17	2 36.56	+ 9 50.1	1.028	1.998	7.7	17.1
11 27	2 29.82	+ 9 31.3	1.091	2.020	12.9	17.5
12 7	2 26.05	+ 9 31.4	1.174	2.042	17.3	17.8

446789 1998 FN_9 11 6.2 270°.10 15°.9/25.8 15

9 28	3 12.97	+ 6 48.9	0.672	1.559	26.4	22.0
10 8	3 13.06	+ 2 37.9	0.600	1.531	21.8	21.6
10 18	3 8.06	− 2 24.2	0.544	1.502	17.4	21.2
10 28	2 58.23	− 7 52.2	0.507	1.471	16.1	20.9
11 7	2 45.05	−13 3.2	0.490	1.438	19.7	20.9
11 17	2 31.05	−17 12.4	0.491	1.405	26.3	21.1
11 27	2 19.29	−19 53.0	0.505	1.370	33.1	21.3
12 7	2 11.96	−21 4.2	0.527	1.335	39.3	21.5

136412 2005 BG_{25} 11 6.2 306°.93 2°.0/ 5.1 18

9 28	3 13.91	+12 9.5	1.678	2.493	16.4	20.0
10 8	3 10.14	+11 56.3	1.594	2.486	13.0	19.8
10 18	3 3.66	+11 37.0	1.530	2.479	8.9	19.5
10 28	2 55.08	+11 14.4	1.490	2.472	4.5	19.2
11 7	2 45.38	+10 52.3	1.478	2.466	2.2	19.1
11 17	2 35.77	+10 35.1	1.493	2.459	6.2	19.3
11 27	2 27.49	+10 27.1	1.534	2.453	10.6	19.5
12 7	2 21.46	+10 31.5	1.599	2.447	14.5	19.8

485981 2012 JT_{38} 11 6.2 279°.37 3°.5/ 3.8 17

9 28	3 12.53	+ 6 10.6	2.308	3.111	12.8	21.8
10 8	3 8.30	+ 5 48.0	2.207	3.092	10.2	21.6
10 18	3 2.03	+ 5 24.2	2.130	3.073	7.2	21.4
10 28	2 54.17	+ 5 2.4	2.079	3.054	4.4	21.2
11 7	2 45.46	+ 4 46.2	2.057	3.035	3.7	21.1
11 17	2 36.72	+ 4 39.2	2.064	3.015	6.2	21.3
11 27	2 28.86	+ 4 43.8	2.099	2.995	9.4	21.4
12 7	2 22.60	+ 5 1.4	2.159	2.976	12.5	21.6

81989 2000 QC_{136} 11 6.2 85°.49 4°.5/ 2.8 18

9 28	3 12.69	+ 4 59.2	2.075	2.885	13.8	19.5
10 8	3 8.22	+ 4 5.9	2.017	2.905	10.9	19.3
10 18	3 1.75	+ 3 11.9	1.982	2.924	7.7	19.2
10 28	2 53.90	+ 2 22.4	1.974	2.944	5.1	19.0
11 7	2 45.49	+ 1 42.2	1.993	2.963	4.8	19.1
11 17	2 37.41	+ 1 15.5	2.042	2.982	7.1	19.2
11 27	2 30.48	+ 1 4.7	2.117	3.001	10.0	19.5
12 7	2 25.31	+ 1 10.3	2.216	3.019	12.7	19.7

408967 2002 OW_{27} 11 6.2 7°.25 13°.7/20.4 16

9 28	3 15.78	+53 19.4	1.876	2.497	20.9	20.2
10 8	3 13.28	+54 43.9	1.801	2.499	19.4	20.0
10 18	3 6.74	+55 40.9	1.739	2.502	17.7	19.9
10 28	2 56.87	+56 2.4	1.693	2.505	16.0	19.8
11 7	2 45.22	+55 42.9	1.665	2.510	14.5	19.7
11 17	2 33.80	+54 41.6	1.657	2.516	13.8	19.7
11 27	2 24.63	+53 4.5	1.671	2.523	13.9	19.7
12 7	2 19.02	+51 2.8	1.707	2.531	14.9	19.8

133991 2004 TY_{359} 11 6.2 178°.33 0°.9/ 6.8 17

9 28	3 19.37	+19 35.6	1.643	2.434	17.7	20.7
10 8	3 14.57	+19 35.0	1.560	2.436	14.2	20.5
10 18	3 6.76	+19 22.1	1.497	2.437	9.9	20.3
10 28	2 56.61	+18 57.4	1.459	2.438	5.1	20.0
11 7	2 45.26	+18 23.2	1.447	2.438	0.9	19.7
11 17	2 34.10	+17 44.1	1.464	2.437	5.3	20.0
11 27	2 24.50	+17 6.6	1.509	2.436	10.1	20.3
12 7	2 17.46	+16 36.7	1.577	2.434	14.3	20.5

319216 2005 YM_{239} 11 6.2 209°.70 1°.6/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 10.83	+12 35.8	2.531	3.326	12.1	21.8
10 8	3 6.68	+12 8.0	2.441	3.323	9.5	21.6
10 18	3 0.73	+11 34.9	2.374	3.319	6.4	21.4
10 28	2 53.46	+10 58.7	2.334	3.315	3.2	21.2
11 7	2 45.53	+10 22.9	2.323	3.310	1.8	21.1
11 17	2 37.69	+ 9 50.8	2.343	3.306	4.6	21.2
11 27	2 30.72	+ 9 25.9	2.391	3.301	7.8	21.4
12 7	2 25.21	+ 9 10.8	2.466	3.296	10.7	21.6

4136 Artmane 11 6.2 193°.00 1°.8/ 5.0 18

9 28	3 15.61	+13 56.1	1.871	2.673	15.5	18.2
10 8	3 11.11	+13 20.9	1.786	2.671	12.2	18.0
10 18	3 4.11	+12 37.0	1.723	2.669	8.3	17.8
10 28	2 55.22	+11 47.5	1.685	2.667	4.1	17.5
11 7	2 45.39	+10 57.0	1.676	2.664	2.0	17.4
11 17	2 35.72	+10 11.0	1.695	2.661	5.8	17.6
11 27	2 27.32	+ 9 34.8	1.743	2.657	9.9	17.9
12 7	2 21.01	+ 9 12.2	1.815	2.652	13.6	18.1

217395 2005 EA_{175} 11 6.3 99°.10 3°.5/ 8.4 18

9 28	3 20.97	+25 54.4	1.613	2.385	18.7	20.3
10 8	3 15.74	+26 9.8	1.548	2.406	15.2	20.1
10 18	3 7.42	+26 8.2	1.502	2.427	11.1	19.9
10 28	2 56.84	+25 48.2	1.479	2.447	6.8	19.7
11 7	2 45.27	+25 11.3	1.483	2.466	3.6	19.6
11 17	2 34.18	+24 22.0	1.515	2.486	5.5	19.7
11 27	2 24.90	+23 28.1	1.574	2.504	9.5	20.0
12 7	2 18.33	+22 37.3	1.658	2.522	13.3	20.3

483657 2005 EP_{99} 11 6.3 218°.45 6°.0/31.9 18

9 28	3 11.18	+ 2 38.7	2.099	2.912	13.6	21.2
10 8	3 7.27	+ 1 10.3	2.019	2.906	10.9	21.0
10 18	3 1.30	− 0 19.9	1.963	2.900	8.2	20.8
10 28	2 53.78	− 1 45.4	1.934	2.894	6.2	20.7
11 7	2 45.52	− 2 59.0	1.933	2.887	6.5	20.7
11 17	2 37.39	− 3 54.9	1.960	2.880	8.7	20.9
11 27	2 30.29	− 4 29.0	2.013	2.872	11.6	21.0
12 7	2 24.90	− 4 40.5	2.089	2.865	14.3	21.2

306251 2011 QY_{89} 11 6.3 114°.55 5°.1/10.1 18

9 28	3 17.85	+31 25.2	2.046	2.783	16.4	20.9
10 8	3 12.96	+31 54.0	1.967	2.795	13.7	20.7
10 18	3 5.41	+32 6.1	1.907	2.807	10.6	20.5
10 28	2 55.86	+31 58.8	1.871	2.819	7.5	20.4
11 7	2 45.35	+31 31.8	1.862	2.830	5.3	20.2
11 17	2 35.08	+30 48.0	1.881	2.841	5.9	20.3
11 27	2 26.22	+29 53.2	1.928	2.851	8.5	20.5
12 7	2 19.63	+28 54.9	2.001	2.862	11.5	20.7

516741 2009 KF_{30} 11 6.3 248°.69 2°.4/ 4.5 18

9 28	3 12.59	+11 12.7	2.143	2.946	13.7	21.5
10 8	3 8.49	+10 40.9	2.048	2.935	10.8	21.3
10 18	3 2.22	+10 3.4	1.976	2.923	7.4	21.0
10 28	2 54.29	+ 9 23.2	1.930	2.911	3.9	20.8
11 7	2 45.49	+ 8 44.6	1.913	2.898	2.6	20.7
11 17	2 36.74	+ 8 11.7	1.925	2.886	5.7	20.9
11 27	2 28.98	+ 7 48.8	1.965	2.873	9.3	21.1
12 7	2 22.98	+ 7 38.6	2.030	2.860	12.7	21.3

60618 2000 FP_{3} 11 6.3 233°.24 4°.7/ 3.4 18

9 28	3 14.39	+ 7 4.4	1.664	2.484	16.3	19.5
10 8	3 10.43	+ 6 14.2	1.585	2.479	12.9	19.2
10 18	3 3.80	+ 5 20.0	1.527	2.474	9.1	19.0
10 28	2 55.14	+ 4 27.3	1.494	2.469	5.6	18.8
11 7	2 45.45	+ 3 42.6	1.487	2.464	5.0	18.7
11 17	2 35.92	+ 3 11.8	1.508	2.458	8.1	18.9
11 27	2 27.74	+ 2 59.2	1.555	2.453	12.0	19.1
12 7	2 21.79	+ 3 6.3	1.624	2.447	15.6	19.4

473158 2015 KN_{26} 11 6.3 51°.42 1°.6/ 7.2 18

9 28	3 15.83	+21 46.0	1.416	2.220	19.4	20.4
10 8	3 11.84	+21 41.5	1.362	2.244	15.4	20.2
10 18	3 4.79	+21 21.4	1.326	2.268	10.8	20.0
10 28	2 55.55	+20 46.6	1.314	2.292	5.7	19.8
11 7	2 45.43	+20 0.8	1.327	2.316	1.6	19.5
11 17	2 35.87	+19 10.1	1.367	2.341	5.3	19.9
11 27	2 28.15	+18 22.1	1.433	2.366	10.0	20.2
12 7	2 23.09	+17 43.2	1.522	2.391	14.0	20.5

75200 1999 VG_{177} 11 6.3 17°.92 6°.9/ 3.4 18

9 28	3 11.68	+ 4 22.0	1.020	1.880	21.4	17.9
10 8	3 9.46	+ 3 39.0	0.971	1.886	17.1	17.6
10 18	3 3.65	+ 2 56.6	0.939	1.894	12.2	17.4
10 28	2 55.15	+ 2 23.5	0.927	1.903	8.0	17.2
11 7	2 45.46	+ 2 7.6	0.937	1.913	7.3	17.2
11 17	2 36.28	+ 2 14.5	0.970	1.925	10.7	17.4
11 27	2 29.17	+ 2 46.0	1.025	1.938	15.2	17.7
12 7	2 25.11	+ 3 40.1	1.098	1.952	19.3	18.0

91792 1999 TM_{223} 11 6.3 11°.28 1°.3/ 5.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 12.33	+13 5.3	1.924	2.731	14.9	19.2
10 8	3 8.46	+12 58.3	1.844	2.732	11.7	19.0
10 18	3 2.27	+12 45.6	1.786	2.734	8.0	18.8
10 28	2 54.33	+12 29.3	1.754	2.736	3.9	18.6
11 7	2 45.53	+12 12.6	1.749	2.738	1.5	18.4
11 17	2 36.88	+11 59.0	1.772	2.740	5.2	18.7
11 27	2 29.41	+11 51.9	1.823	2.743	9.1	18.9
12 7	2 23.88	+11 54.2	1.899	2.746	12.6	19.1

147023 2002 RL_{3} 11 6.3 49°.61 2°.2/ 5.2 18

9 28	3 16.75	+13 18.0	1.185	2.018	20.7	20.0
10 8	3 12.89	+12 55.6	1.138	2.040	16.2	19.8
10 18	3 5.65	+12 24.4	1.108	2.062	11.0	19.6
10 28	2 56.00	+11 48.5	1.101	2.085	5.4	19.3
11 7	2 45.42	+11 13.9	1.119	2.108	2.4	19.2
11 17	2 35.50	+10 46.7	1.162	2.131	7.1	19.6
11 27	2 27.64	+10 32.3	1.230	2.155	12.1	19.9
12 7	2 22.72	+10 33.5	1.319	2.179	16.3	20.3

300614 2007 UL_{9} 11 6.3 88°.73 3°.0/ 4.6 18

9 28	3 16.32	+ 8 41.7	1.825	2.633	15.5	20.4
10 8	3 11.53	+ 8 26.4	1.757	2.645	12.2	20.2
10 18	3 4.29	+ 8 8.5	1.710	2.656	8.4	20.0
10 28	2 55.28	+ 7 51.4	1.688	2.667	4.6	19.8
11 7	2 45.47	+ 7 38.9	1.695	2.679	3.2	19.7
11 17	2 35.95	+ 7 34.2	1.730	2.690	6.3	19.9
11 27	2 27.77	+ 7 40.3	1.792	2.701	10.0	20.2
12 7	2 21.69	+ 7 58.4	1.879	2.712	13.4	20.4

7625 Louisspohr 11 6.3 51°.03 3°.5/ 3.6 18

9 28	3 11.43	+11 57.4	1.601	2.424	16.7	17.7
10 8	3 7.82	+10 38.6	1.550	2.448	12.9	17.6
10 18	3 1.74	+ 9 12.0	1.520	2.472	8.8	17.4
10 28	2 53.98	+ 7 44.1	1.516	2.496	4.8	17.2
11 7	2 45.59	+ 6 22.8	1.539	2.520	3.9	17.2
11 17	2 37.67	+ 5 15.1	1.589	2.545	7.2	17.5
11 27	2 31.23	+ 4 26.4	1.666	2.570	10.9	17.7
12 7	2 26.92	+ 3 58.8	1.765	2.595	14.2	18.0

59641 1999 JS_{85} 11 6.3 31°.29 4°.6/ 3.9 18

9 28	3 10.68	+11 32.9	0.973	1.833	22.2	17.7
10 8	3 8.71	+10 25.6	0.929	1.847	17.3	17.5
10 18	3 3.09	+ 9 8.1	0.903	1.863	11.8	17.2
10 28	2 54.82	+ 7 49.4	0.898	1.881	6.4	17.0
11 7	2 45.52	+ 6 40.2	0.915	1.899	5.0	17.0
11 17	2 36.88	+ 5 49.8	0.955	1.919	9.4	17.3
11 27	2 30.43	+ 5 24.5	1.018	1.940	14.4	17.7
12 7	2 27.02	+ 5 25.4	1.099	1.961	18.7	18.0

217658 1998 RB_{81} 11 6.3 33°.54 4°.8/ 8.9 18

9 28	3 14.37	+27 1.1	1.006	1.828	24.4	19.6
10 8	3 11.93	+27 23.6	0.964	1.851	19.9	19.4
10 18	3 5.44	+27 20.9	0.937	1.875	14.6	19.1
10 28	2 56.02	+26 51.2	0.930	1.901	9.0	18.9
11 7	2 45.45	+25 57.9	0.944	1.928	5.0	18.8
11 17	2 35.69	+24 49.4	0.982	1.957	6.9	19.0
11 27	2 28.44	+23 37.8	1.043	1.986	11.7	19.4
12 7	2 24.61	+22 34.2	1.126	2.016	16.1	19.8

155488 1998 WJ_{35} 11 6.3 161°.29 0°.0/ 6.2 18

9 28	3 10.88	+17 58.2	2.428	3.214	12.8	20.6
10 8	3 6.86	+17 40.7	2.340	3.215	10.1	20.4
10 18	3 0.94	+17 14.8	2.275	3.216	6.9	20.2
10 28	2 53.63	+16 42.0	2.237	3.217	3.4	20.0
11 7	2 45.64	+16 4.8	2.227	3.218	0.3	19.7
11 17	2 37.78	+15 26.8	2.248	3.219	3.9	20.1
11 27	2 30.85	+14 52.1	2.297	3.220	7.4	20.3
12 7	2 25.49	+14 24.3	2.373	3.221	10.4	20.5

217143 2002 LK_{11} 11 6.3 137°.73 3°.1/ 4.3 16

9 28	3 18.61	+ 9 59.5	1.815	2.617	15.8	21.6
10 8	3 13.31	+ 9 21.7	1.746	2.631	12.4	21.5
10 18	3 5.51	+ 8 38.9	1.698	2.644	8.5	21.2
10 28	2 55.89	+ 7 55.3	1.677	2.656	4.6	21.0
11 7	2 45.47	+ 7 15.9	1.684	2.667	3.3	21.0
11 17	2 35.39	+ 6 45.4	1.720	2.678	6.6	21.2
11 27	2 26.73	+ 6 27.9	1.783	2.687	10.4	21.5
12 7	2 20.24	+ 6 25.4	1.871	2.696	13.8	21.7

252730 2002 CO_{263} 11 6.3 294°.40 0°.4/ 6.6 18

9 28	3 11.58	+19 0.3	2.093	2.885	14.4	20.9
10 8	3 7.83	+18 48.7	2.003	2.880	11.4	20.7
10 18	3 1.84	+18 27.0	1.934	2.875	8.0	20.5
10 28	2 54.16	+17 56.2	1.890	2.870	4.0	20.2
11 7	2 45.61	+17 19.2	1.875	2.865	0.5	19.9
11 17	2 37.15	+16 39.7	1.888	2.861	4.4	20.2
11 27	2 29.76	+16 2.7	1.930	2.856	8.3	20.5
12 7	2 24.21	+15 32.7	1.997	2.852	11.8	20.7

105337 2000 QR_{86} 11 6.3 123°.83 4°.9/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 10.83	+ 4 37.2	2.243	3.052	13.0	20.2
10 8	3 6.75	+ 3 20.6	2.175	3.062	10.2	20.1
10 18	3 0.80	+ 2 2.4	2.132	3.072	7.4	19.9
10 28	2 53.53	+ 0 48.1	2.115	3.081	5.2	19.8
11 7	2 45.68	− 0 16.5	2.127	3.090	5.2	19.8
11 17	2 38.07	− 1 6.3	2.168	3.099	7.4	20.0
11 27	2 31.46	− 1 38.3	2.236	3.107	10.1	20.2
12 7	2 26.45	− 1 51.3	2.328	3.116	12.6	20.4

266098 2006 SK_{78} 11 6.3 334°.14 0°.0/ 6.2 18

9 28	3 15.51	+15 17.9	1.249	2.078	20.2	20.6
10 8	3 12.55	+15 40.1	1.170	2.069	16.1	20.3
10 18	3 6.02	+15 54.5	1.109	2.061	11.2	20.0
10 28	2 56.55	+16 1.7	1.070	2.053	5.6	19.7
11 7	2 45.43	+16 3.5	1.055	2.046	0.4	19.3
11 17	2 34.33	+16 3.3	1.066	2.040	6.5	19.7
11 27	2 25.01	+16 6.4	1.100	2.035	12.2	20.0
12 7	2 18.75	+16 17.3	1.157	2.030	17.1	20.3

220503 2004 DP_{21} 11 6.3 175°.19 1°.0/ 5.6 18

9 28	3 14.90	+16 55.6	1.755	2.556	16.3	20.6
10 8	3 10.75	+16 14.0	1.674	2.558	12.9	20.4
10 18	3 3.97	+15 20.4	1.613	2.559	8.8	20.2
10 28	2 55.24	+14 17.6	1.578	2.560	4.3	19.9
11 7	2 45.55	+13 10.8	1.571	2.561	1.2	19.7
11 17	2 36.09	+12 6.5	1.592	2.561	5.6	20.0
11 27	2 28.00	+11 11.4	1.641	2.561	10.0	20.3
12 7	2 22.11	+10 30.6	1.714	2.560	13.8	20.5

231805 2000 EQ_{115} 11 6.3 156°.98 3°.7/ 2.9 18

9 28	3 8.84	+ 7 1.7	2.431	3.239	12.1	20.6
10 8	3 5.15	+ 6 4.7	2.352	3.240	9.5	20.4
10 18	2 59.72	+ 5 4.6	2.297	3.241	6.7	20.3
10 28	2 53.02	+ 4 5.8	2.268	3.241	4.2	20.1
11 7	2 45.73	+ 3 13.1	2.269	3.242	4.0	20.1
11 17	2 38.59	+ 2 30.7	2.299	3.243	6.2	20.2
11 27	2 32.32	+ 2 1.9	2.357	3.243	9.0	20.4
12 7	2 27.50	+ 1 48.5	2.439	3.244	11.6	20.6

161935 2007 EN_{199} 11 6.3 107°.18 0°.2/ 6.4 18

9 28	3 16.77	+18 41.2	1.793	2.585	16.4	21.3
10 8	3 12.02	+18 23.4	1.723	2.601	13.0	21.1
10 18	3 4.71	+17 54.2	1.675	2.617	8.9	20.9
10 28	2 55.53	+17 15.4	1.651	2.632	4.4	20.7
11 7	2 45.54	+16 30.6	1.656	2.646	0.3	20.4
11 17	2 35.90	+15 44.7	1.689	2.661	4.9	20.8
11 27	2 27.71	+15 3.6	1.750	2.675	9.1	21.1
12 7	2 21.74	+14 32.0	1.836	2.688	12.8	21.3

52815 1998 QP_{98} 11 6.3 7°.19 3°.7/ 8.5 18

9 28	3 5.35	+26 39.6	1.029	1.863	23.2	17.4
10 8	3 5.07	+26 32.5	0.967	1.863	19.0	17.1
10 18	3 1.04	+25 57.8	0.921	1.865	13.9	16.9
10 28	2 54.06	+24 55.2	0.893	1.869	8.3	16.6
11 7	2 45.66	+23 29.5	0.888	1.875	3.8	16.4
11 17	2 37.63	+21 50.9	0.905	1.883	6.6	16.6
11 27	2 31.71	+20 13.4	0.945	1.892	12.0	16.9
12 7	2 28.96	+18 49.5	1.006	1.903	17.0	17.2

80735 2000 CT_{32} 11 6.3 140°.79 2°.5/ 7.9 18

9 28	3 18.28	+24 19.1	1.901	2.670	16.4	19.5
10 8	3 13.30	+24 21.3	1.821	2.680	13.3	19.3
10 18	3 5.67	+24 9.3	1.762	2.690	9.6	19.1
10 28	2 56.06	+23 42.5	1.727	2.699	5.6	18.9
11 7	2 45.51	+23 2.6	1.721	2.707	2.5	18.7
11 17	2 35.22	+22 13.8	1.743	2.715	4.8	18.9
11 27	2 26.36	+21 22.4	1.794	2.723	8.7	19.1
12 7	2 19.76	+20 34.9	1.871	2.729	12.3	19.4

201702 2003 UW_{140} 11 6.3 326°.05 10°.2/26.4 17

9 28	3 5.52	− 5 32.8	1.839	2.666	14.7	19.2
10 8	3 3.32	− 7 56.9	1.763	2.645	12.5	19.0
10 18	2 58.90	−10 19.5	1.711	2.625	10.7	18.8
10 28	2 52.78	−12 29.4	1.685	2.606	10.2	18.8
11 7	2 45.76	−14 16.2	1.684	2.587	11.2	18.8
11 17	2 38.78	−15 31.9	1.707	2.569	13.3	18.9
11 27	2 32.83	−16 12.5	1.752	2.551	15.7	19.0
12 7	2 28.68	−16 18.8	1.815	2.534	18.1	19.2

429819 2012 KR_{46} 11 6.3 147°.40 3°.6/ 4.2 18

9 28	3 18.11	+ 8 31.1	1.785	2.591	15.9	21.8
10 8	3 13.03	+ 7 56.8	1.713	2.599	12.5	21.6
10 18	3 5.40	+ 7 18.8	1.662	2.607	8.7	21.4
10 28	2 55.90	+ 6 41.5	1.637	2.615	4.9	21.2
11 7	2 45.53	+ 6 9.7	1.641	2.622	3.8	21.1
11 17	2 35.45	+ 5 48.0	1.672	2.628	6.9	21.3
11 27	2 26.75	+ 5 40.1	1.732	2.634	10.7	21.6
12 7	2 20.25	+ 5 47.4	1.815	2.639	14.2	21.8

369564 2011 BN_{14} 11 6.3 229°.80 5°.1/11.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 13.56	+36 18.9	2.889	3.583	12.9	21.2
10 8	3 9.08	+36 32.9	2.780	3.573	11.1	21.1
10 18	3 2.57	+36 31.9	2.692	3.563	9.0	20.9
10 28	2 54.50	+36 13.4	2.628	3.552	6.8	20.8
11 7	2 45.64	+35 37.2	2.591	3.541	5.3	20.7
11 17	2 36.82	+34 45.0	2.583	3.530	5.4	20.6
11 27	2 28.93	+33 40.8	2.605	3.519	7.1	20.7
12 7	2 22.68	+32 30.5	2.654	3.507	9.3	20.9

110209 2001 SM_{212} 11 6.3 4°.02 2°.6/ 4.5 18

9 28	3 10.63	+12 1.6	1.768	2.586	15.6	20.1
10 8	3 7.33	+11 20.6	1.691	2.586	12.2	19.8
10 18	3 1.60	+10 32.3	1.636	2.586	8.3	19.6
10 28	2 54.07	+ 9 40.6	1.605	2.587	4.3	19.4
11 7	2 45.67	+ 8 51.0	1.602	2.587	2.8	19.3
11 17	2 37.46	+ 8 9.1	1.626	2.588	6.3	19.5
11 27	2 30.49	+ 7 39.7	1.677	2.590	10.3	19.7
12 7	2 25.54	+ 7 25.8	1.751	2.592	13.8	20.0

316410 2010 TG_{95} 11 6.3 30°.39 1°.6/ 5.2 18

9 28	3 11.35	+13 47.7	1.851	2.662	15.2	21.2
10 8	3 7.76	+13 19.3	1.775	2.666	12.0	21.0
10 18	3 1.83	+12 43.3	1.721	2.670	8.1	20.8
10 28	2 54.16	+12 2.6	1.692	2.675	4.0	20.5
11 7	2 45.67	+11 21.7	1.691	2.679	1.8	20.4
11 17	2 37.39	+10 45.3	1.718	2.685	5.5	20.7
11 27	2 30.33	+10 18.1	1.771	2.690	9.5	20.9
12 7	2 25.25	+10 3.4	1.850	2.696	13.0	21.2

243961 2001 QL_{229} 11 6.3 59°.05 3°.9/ 9.1 18

9 28	3 15.56	+28 7.2	1.749	2.517	17.7	20.7
10 8	3 11.31	+28 15.3	1.686	2.540	14.4	20.6
10 18	3 4.32	+28 5.6	1.642	2.562	10.7	20.4
10 28	2 55.36	+27 37.1	1.622	2.585	6.8	20.2
11 7	2 45.59	+26 51.6	1.628	2.608	4.0	20.1
11 17	2 36.24	+25 53.9	1.661	2.631	5.3	20.2
11 27	2 28.48	+24 51.3	1.723	2.654	8.7	20.5
12 7	2 23.10	+23 51.5	1.809	2.677	12.1	20.8

42716 1998 QQ_{44} 11 6.3 5°.49 2°.2/ 4.7 18

9 28	3 9.45	+12 18.8	1.867	2.684	14.9	18.7
10 8	3 6.27	+11 45.1	1.790	2.684	11.7	18.5
10 18	3 0.82	+11 4.6	1.735	2.685	8.0	18.3
10 28	2 53.68	+10 20.9	1.704	2.686	4.1	18.1
11 7	2 45.72	+ 9 38.7	1.701	2.688	2.5	18.0
11 17	2 37.94	+ 9 2.8	1.726	2.690	5.8	18.2
11 27	2 31.32	+ 8 37.8	1.778	2.693	9.7	18.4
12 7	2 26.59	+ 8 26.5	1.853	2.696	13.1	18.7

515590 2014 JS_{22} 11 6.3 160°.04 0°.9/ 5.5 18

9 28	3 12.73	+16 27.4	2.392	3.178	12.9	22.5
10 8	3 8.25	+15 46.2	2.307	3.184	10.2	22.3
10 18	3 1.87	+14 56.2	2.247	3.189	6.9	22.1
10 28	2 54.10	+13 59.9	2.213	3.194	3.3	21.9
11 7	2 45.70	+13 1.1	2.209	3.199	1.0	21.7
11 17	2 37.48	+12 4.4	2.235	3.203	4.4	22.0
11 27	2 30.25	+11 14.6	2.291	3.206	7.8	22.2
12 7	2 24.65	+10 35.2	2.374	3.209	10.9	22.4

453718 2011 AZ_{40} 11 6.3 331°.54 4°.5/ 3.1 18

9 28	3 11.49	+ 3 50.8	2.189	2.999	13.2	21.3
10 8	3 7.46	+ 3 17.5	2.110	2.997	10.5	21.1
10 18	3 1.43	+ 2 44.5	2.054	2.995	7.6	20.9
10 28	2 53.93	+ 2 15.9	2.023	2.993	5.0	20.7
11 7	2 45.71	+ 1 55.9	2.021	2.991	4.7	20.7
11 17	2 37.62	+ 1 48.0	2.047	2.990	6.9	20.8
11 27	2 30.53	+ 1 54.5	2.100	2.988	9.9	21.0
12 7	2 25.09	+ 2 15.7	2.178	2.987	12.7	21.2

404552 2013 JX_{38} 11 6.3 51°.20 6°.6/ 1.9 18

9 28	3 12.47	− 2 19.5	2.048	2.858	14.0	20.4
10 8	3 8.16	− 3 3.3	1.991	2.871	11.4	20.3
10 18	3 1.83	− 3 41.9	1.955	2.884	8.7	20.2
10 28	2 54.07	− 4 9.8	1.946	2.898	6.9	20.1
11 7	2 45.71	− 4 22.5	1.963	2.911	6.9	20.1
11 17	2 37.65	− 4 17.0	2.007	2.925	8.7	20.2
11 27	2 30.73	− 3 52.7	2.078	2.939	11.2	20.4
12 7	2 25.57	− 3 10.8	2.171	2.954	13.6	20.6

245763 2006 EL_{66} 11 6.3 120°.39 1°.7/ 7.3 17

9 28	3 19.31	+22 12.9	1.526	2.317	18.8	21.0
10 8	3 14.64	+22 6.1	1.456	2.329	15.1	20.8
10 18	3 6.84	+21 43.6	1.404	2.341	10.7	20.6
10 28	2 56.71	+21 5.5	1.376	2.353	5.8	20.3
11 7	2 45.50	+20 15.1	1.375	2.364	1.7	20.1
11 17	2 34.68	+19 18.2	1.401	2.375	5.4	20.4
11 27	2 25.63	+18 22.7	1.455	2.385	10.1	20.7
12 7	2 19.29	+17 35.9	1.532	2.395	14.3	20.9

211681 2003 WG_{71} 11 6.3 336°.04 3°.5/ 8.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 8.05	+23 35.5	1.304	2.124	20.0	19.9
10 8	3 6.79	+24 0.3	1.214	2.103	16.4	19.6
10 18	3 2.18	+24 8.9	1.142	2.084	12.1	19.3
10 28	2 54.75	+23 59.0	1.090	2.066	7.2	19.0
11 7	2 45.63	+23 31.2	1.062	2.049	3.5	18.7
11 17	2 36.39	+22 49.4	1.058	2.034	6.3	18.9
11 27	2 28.73	+22 1.8	1.078	2.020	11.4	19.1
12 7	2 23.96	+21 17.4	1.119	2.008	16.3	19.3

390515 1994 TQ_5 11 6.3 149°.92 2°.8/ 8.1 18

9 28	3 18.38	+23 58.9	2.142	2.903	15.0	21.8
10 8	3 13.19	+24 25.0	2.057	2.910	12.2	21.6
10 18	3 5.55	+24 40.0	1.992	2.916	8.9	21.4
10 28	2 56.03	+24 42.5	1.953	2.921	5.4	21.2
11 7	2 45.57	+24 32.8	1.942	2.926	2.8	21.1
11 17	2 35.23	+24 13.2	1.961	2.931	4.6	21.2
11 27	2 26.11	+23 47.9	2.009	2.935	8.0	21.4
12 7	2 19.04	+23 22.3	2.083	2.939	11.3	21.6

216036 2006 DY_9 11 6.3 345°.07 1°.5/ 6.9 18

9 28	3 11.96	+17 39.6	1.206	2.039	20.5	19.6
10 8	3 9.95	+18 17.1	1.127	2.027	16.5	19.3
10 18	3 4.38	+18 45.4	1.066	2.016	11.7	19.0
10 28	2 55.83	+19 3.8	1.025	2.007	6.2	18.6
11 7	2 45.57	+19 12.7	1.009	1.999	1.5	18.3
11 17	2 35.27	+19 14.9	1.016	1.992	6.4	18.6
11 27	2 26.74	+19 15.6	1.047	1.987	12.0	18.9
12 7	2 21.29	+19 20.6	1.100	1.983	17.0	19.2

46201 2001 FS_{148} 11 6.3 222°.74 0°.3/ 5.9 18

9 28	3 12.74	+19 2.5	2.211	2.996	13.9	19.9
10 8	3 8.61	+18 15.5	2.113	2.988	11.0	19.7
10 18	3 2.33	+17 16.0	2.037	2.979	7.6	19.5
10 28	2 54.42	+16 6.4	1.989	2.970	3.7	19.2
11 7	2 45.70	+14 50.8	1.969	2.960	0.5	18.9
11 17	2 37.08	+13 34.9	1.980	2.949	4.6	19.2
11 27	2 29.49	+12 24.8	2.020	2.939	8.5	19.4
12 7	2 23.68	+11 26.0	2.086	2.928	11.9	19.6

49936 1999 XD_{180} 11 6.3 211°.82 0°.7/ 5.9 18

9 28	3 18.71	+14 40.6	1.891	2.684	15.6	19.1
10 8	3 13.72	+14 40.1	1.800	2.679	12.4	18.9
10 18	3 6.08	+14 32.8	1.730	2.673	8.6	18.6
10 28	2 56.37	+14 20.0	1.685	2.666	4.2	18.3
11 7	2 45.55	+14 4.1	1.669	2.659	0.9	18.1
11 17	2 34.78	+13 48.6	1.682	2.651	5.2	18.4
11 27	2 25.26	+13 37.5	1.723	2.643	9.6	18.6
12 7	2 17.91	+13 34.6	1.789	2.634	13.4	18.8

449221 2013 CS_{98} 11 6.3 194°.53 0°.9/ 5.6 18

9 28	3 12.77	+15 28.1	2.501	3.287	12.4	22.4
10 8	3 8.29	+15 0.1	2.409	3.285	9.8	22.2
10 18	3 1.92	+14 24.6	2.339	3.282	6.7	22.0
10 28	2 54.17	+13 43.8	2.298	3.279	3.3	21.8
11 7	2 45.72	+13 0.8	2.285	3.275	1.0	21.6
11 17	2 37.38	+12 19.4	2.304	3.271	4.3	21.9
11 27	2 29.95	+11 43.4	2.351	3.266	7.6	22.1
12 7	2 24.06	+11 16.3	2.425	3.261	10.7	22.3

186526 2002 VK_{56} 11 6.3 144°.72 2°.7/ 4.2 18

9 28	3 13.79	+14 23.5	1.683	2.495	16.5	20.1
10 8	3 9.86	+13 8.8	1.609	2.500	12.9	19.9
10 18	3 3.35	+11 42.0	1.556	2.505	8.8	19.7
10 28	2 54.94	+10 8.6	1.528	2.510	4.5	19.4
11 7	2 45.67	+ 8 36.1	1.528	2.514	3.0	19.3
11 17	2 36.69	+ 7 12.9	1.557	2.518	6.8	19.6
11 27	2 29.11	+ 6 6.0	1.613	2.522	11.0	19.8
12 7	2 23.74	+ 5 19.7	1.693	2.525	14.6	20.1

291563 2006 FH_{26} 11 6.3 111°.13 0°.7/ 6.8 18

9 28	3 17.04	+19 20.3	2.015	2.797	15.2	21.8
10 8	3 12.00	+19 17.1	1.943	2.813	12.0	21.6
10 18	3 4.60	+19 3.7	1.892	2.830	8.3	21.4
10 28	2 55.50	+18 41.2	1.867	2.845	4.3	21.2
11 7	2 45.63	+18 11.8	1.870	2.861	0.7	21.0
11 17	2 36.06	+17 39.4	1.903	2.875	4.4	21.3
11 27	2 27.78	+17 8.6	1.965	2.890	8.3	21.5
12 7	2 21.54	+16 43.9	2.052	2.904	11.6	21.8

157077 2003 UO_{294} 11 6.3 76°.83 2°.5/ 4.3 18

9 28	3 11.00	+10 33.9	2.259	3.064	13.0	20.2
10 8	3 6.89	+ 9 54.9	2.193	3.079	10.2	20.0
10 18	3 0.92	+ 9 11.5	2.149	3.095	6.9	19.8
10 28	2 53.63	+ 8 27.3	2.132	3.111	3.7	19.7
11 7	2 45.78	+ 7 46.4	2.143	3.127	2.7	19.6
11 17	2 38.18	+ 7 12.7	2.184	3.143	5.3	19.8
11 27	2 31.60	+ 6 49.5	2.254	3.158	8.5	20.0
12 7	2 26.64	+ 6 38.7	2.348	3.174	11.3	20.3

212419 2006 KK_{113} 11 6.3 128°.39 2°.2/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 16.94	+14 19.0	1.530	2.342	17.8	21.0
10 8	3 12.58	+13 31.3	1.461	2.352	14.0	20.8
10 18	3 5.33	+12 32.9	1.413	2.362	9.5	20.5
10 28	2 55.95	+11 28.1	1.389	2.371	4.7	20.3
11 7	2 45.60	+10 23.3	1.391	2.379	2.5	20.2
11 17	2 35.62	+ 9 25.7	1.422	2.387	6.6	20.5
11 27	2 27.27	+ 8 41.8	1.479	2.395	11.2	20.7
12 7	2 21.40	+ 8 15.6	1.559	2.402	15.1	21.0

118337 1999 BQ_9 11 6.3 287°.57 5°.8/ 3.8 18

9 28	3 22.58	+ 1 32.1	1.735	2.536	16.5	18.8
10 8	3 17.40	+ 1 21.3	1.622	2.501	13.5	18.5
10 18	3 9.12	+ 1 14.1	1.529	2.465	10.1	18.2
10 28	2 58.14	+ 1 15.6	1.461	2.429	6.8	18.0
11 7	2 45.42	+ 1 30.9	1.420	2.392	6.1	17.8
11 17	2 32.27	+ 2 3.7	1.408	2.354	9.1	17.9
11 27	2 20.21	+ 2 55.9	1.423	2.316	13.3	18.1
12 7	2 10.50	+ 4 6.6	1.462	2.277	17.4	18.2

116761 2004 ED_6 11 6.3 195°.43 1°.1/ 7.0 18

9 28	3 17.11	+20 44.3	1.842	2.626	16.3	21.1
10 8	3 12.57	+20 37.9	1.753	2.624	13.1	20.9
10 18	3 5.33	+20 19.1	1.685	2.622	9.2	20.6
10 28	2 56.00	+19 48.1	1.642	2.620	4.9	20.4
11 7	2 45.60	+19 7.4	1.626	2.616	1.1	20.1
11 17	2 35.33	+18 21.4	1.640	2.613	4.9	20.4
11 27	2 26.40	+17 36.4	1.681	2.609	9.2	20.6
12 7	2 19.72	+16 58.1	1.748	2.604	13.1	20.9

78400 2002 QG_5 11 6.3 318°.04 6°.8/31.1 17

9 28	3 6.84	+ 1 15.0	1.986	2.811	13.8	18.5
10 8	3 4.19	− 0 15.3	1.898	2.790	11.2	18.3
10 18	2 59.44	− 1 47.6	1.833	2.770	8.6	18.1
10 28	2 53.07	− 3 14.5	1.793	2.749	6.9	18.0
11 7	2 45.84	− 4 28.4	1.780	2.730	7.4	18.0
11 17	2 38.62	− 5 22.6	1.794	2.710	9.7	18.1
11 27	2 32.36	− 5 52.9	1.833	2.691	12.6	18.2
12 7	2 27.80	− 5 58.1	1.892	2.673	15.4	18.4

199762 2006 JC_{56} 11 6.3 161°.94 0°.6/ 6.7 17

9 28	3 12.91	+18 8.9	2.525	3.304	12.5	20.3
10 8	3 8.44	+18 16.2	2.435	3.305	9.9	20.1
10 18	3 2.07	+18 16.6	2.368	3.306	6.9	19.9
10 28	2 54.27	+18 10.5	2.328	3.307	3.5	19.7
11 7	2 45.75	+17 59.5	2.317	3.307	0.6	19.4
11 17	2 37.32	+17 45.8	2.336	3.308	3.7	19.7
11 27	2 29.78	+17 32.5	2.384	3.309	7.1	19.9
12 7	2 23.80	+17 22.8	2.460	3.309	10.0	20.1

285216 1997 EF_9 11 6.3 69°.59 3°.9/ 9.1 18

9 28	3 15.25	+27 29.2	2.157	2.911	15.1	20.7
10 8	3 10.83	+28 0.3	2.072	2.916	12.5	20.5
10 18	3 3.99	+28 18.4	2.007	2.921	9.4	20.4
10 28	2 55.30	+28 21.6	1.967	2.926	6.2	20.2
11 7	2 45.67	+28 9.8	1.955	2.932	4.0	20.1
11 17	2 36.16	+27 45.0	1.971	2.937	5.0	20.1
11 27	2 27.84	+27 12.0	2.016	2.942	8.0	20.3
12 7	2 21.53	+26 36.3	2.086	2.948	11.1	20.5

31830 1999 XT_{59} 11 6.3 13°.77 3°.5/ 4.2 18

9 28	3 13.18	+ 6 39.2	1.985	2.796	14.4	17.7
10 8	3 9.01	+ 6 24.8	1.908	2.797	11.3	17.5
10 18	3 2.62	+ 6 9.7	1.853	2.799	7.9	17.3
10 28	2 54.58	+ 5 57.1	1.824	2.801	4.6	17.1
11 7	2 45.73	+ 5 50.6	1.823	2.804	3.7	17.1
11 17	2 37.06	+ 5 53.4	1.851	2.806	6.4	17.3
11 27	2 29.51	+ 6 7.5	1.905	2.809	9.8	17.5
12 7	2 23.82	+ 6 33.9	1.984	2.813	12.9	17.7

269647 1992 HF_2 11 6.3 104°.53 1°.7/ 5.4 18

9 28	3 17.94	+12 41.9	1.711	2.516	16.6	20.7
10 8	3 13.07	+12 31.7	1.642	2.528	13.0	20.5
10 18	3 5.53	+12 15.5	1.594	2.540	8.9	20.2
10 28	2 56.03	+11 55.7	1.570	2.552	4.4	20.0
11 7	2 45.64	+11 35.9	1.575	2.564	1.8	19.9
11 17	2 35.55	+11 20.1	1.608	2.575	5.8	20.1
11 27	2 26.94	+11 12.2	1.668	2.586	10.0	20.4
12 7	2 20.62	+11 15.1	1.752	2.597	13.7	20.7

376101 2010 VB_{211} 11 6.3 187°.60 3°.0/ 7.9 17

9 28	3 18.95	+23 47.6	1.591	2.374	18.5	21.3
10 8	3 14.59	+24 6.1	1.507	2.374	15.1	21.1
10 18	3 7.04	+24 9.8	1.442	2.374	11.0	20.9
10 28	2 56.97	+23 57.1	1.401	2.373	6.4	20.6
11 7	2 45.56	+23 28.8	1.386	2.372	3.0	20.4
11 17	2 34.28	+22 48.6	1.398	2.371	5.6	20.6
11 27	2 24.63	+22 3.7	1.437	2.369	10.1	20.8
12 7	2 17.67	+21 21.6	1.501	2.367	14.3	21.1

511671 2015 BO_{356} 11 6.3 309°.24 3°.7/ 8.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 14.20	+24 11.8	1.270	2.080	20.9	21.5
10 8	3 11.82	+24 35.8	1.183	2.066	17.2	21.3
10 18	3 5.76	+24 42.6	1.114	2.052	12.7	20.9
10 28	2 56.58	+24 29.2	1.065	2.039	7.6	20.6
11 7	2 45.58	+23 55.8	1.040	2.027	3.8	20.4
11 17	2 34.49	+23 6.8	1.040	2.014	6.6	20.5
11 27	2 25.21	+22 11.2	1.064	2.003	11.9	20.8
12 7	2 19.09	+21 19.4	1.109	1.992	16.9	21.0

226988 2004 XW_{48} 11 6.3 157°.24 0°.5/ 6.7 18

9 28	3 12.14	+18 50.8	2.693	3.468	11.9	20.7
10 8	3 7.68	+18 47.3	2.604	3.472	9.5	20.5
10 18	3 1.46	+18 36.2	2.539	3.475	6.6	20.3
10 28	2 53.95	+18 18.3	2.500	3.479	3.4	20.1
11 7	2 45.80	+17 55.6	2.491	3.482	0.5	19.9
11 17	2 37.76	+17 30.4	2.513	3.485	3.5	20.1
11 27	2 30.58	+17 6.3	2.564	3.487	6.7	20.4
12 7	2 24.85	+16 46.3	2.642	3.490	9.5	20.6

163819 Teleki 11 6.3 22°.47 0°.6/ 6.6 18

9 28	3 13.26	+18 7.2	1.396	2.215	18.9	20.3
10 8	3 10.15	+18 12.8	1.329	2.221	15.0	20.1
10 18	3 3.94	+18 6.8	1.280	2.228	10.4	19.8
10 28	2 55.38	+17 50.0	1.255	2.236	5.3	19.6
11 7	2 45.69	+17 25.7	1.254	2.245	0.6	19.3
11 17	2 36.29	+16 58.6	1.280	2.255	5.6	19.7
11 27	2 28.58	+16 34.8	1.332	2.265	10.5	20.0
12 7	2 23.50	+16 19.7	1.406	2.276	14.8	20.3

444555 2006 SF_{329} 11 6.3 64°.98 0°.2/ 6.2 18

9 28	3 15.33	+16 43.0	1.779	2.579	16.2	21.3
10 8	3 10.88	+16 35.1	1.716	2.599	12.7	21.1
10 18	3 3.93	+16 18.2	1.674	2.618	8.7	20.9
10 28	2 55.20	+15 54.0	1.656	2.638	4.2	20.7
11 7	2 45.71	+15 25.8	1.667	2.658	0.4	20.4
11 17	2 36.58	+14 57.7	1.706	2.677	4.9	20.8
11 27	2 28.87	+14 34.5	1.772	2.697	9.0	21.1
12 7	2 23.32	+14 19.9	1.863	2.717	12.6	21.4

402356 2005 VX_{87} 11 6.3 70°.26 2°.9/ 4.5 17

9 28	3 14.28	+ 8 20.0	2.032	2.837	14.2	21.2
10 8	3 9.74	+ 8 4.9	1.961	2.847	11.2	21.0
10 18	3 3.04	+ 7 47.9	1.912	2.858	7.7	20.8
10 28	2 54.75	+ 7 31.8	1.889	2.868	4.3	20.6
11 7	2 45.75	+ 7 20.2	1.895	2.878	3.1	20.6
11 17	2 36.98	+ 7 16.1	1.929	2.888	5.9	20.8
11 27	2 29.36	+ 7 22.0	1.992	2.898	9.3	21.0
12 7	2 23.60	+ 7 39.1	2.079	2.909	12.4	21.2

241635 1999 XQ 11 6.3 220°.71 5°.9/31.9 17

9 28	3 11.24	− 3 51.0	2.794	3.588	11.1	20.8
10 8	3 6.82	− 4 38.9	2.712	3.580	9.1	20.6
10 18	3 0.80	− 5 22.8	2.654	3.572	7.2	20.5
10 28	2 53.61	− 5 58.4	2.623	3.564	6.0	20.4
11 7	2 45.84	− 6 21.6	2.620	3.555	6.2	20.4
11 17	2 38.16	− 6 29.5	2.645	3.546	7.6	20.5
11 27	2 31.24	− 6 20.6	2.698	3.537	9.6	20.6
12 7	2 25.62	− 5 55.4	2.774	3.527	11.7	20.8

165152 2000 QS_{38} 11 6.3 69°.24 3°.6/ 4.3 18

9 28	3 14.95	+11 25.7	1.355	2.184	18.8	19.6
10 8	3 11.48	+10 36.9	1.285	2.185	14.9	19.4
10 18	3 4.87	+ 9 39.1	1.234	2.186	10.2	19.1
10 28	2 55.86	+ 8 37.9	1.206	2.188	5.5	18.9
11 7	2 45.67	+ 7 40.5	1.204	2.189	3.9	18.8
11 17	2 35.77	+ 6 54.6	1.228	2.190	7.9	19.0
11 27	2 27.56	+ 6 26.4	1.277	2.192	12.7	19.3
12 7	2 22.03	+ 6 19.0	1.347	2.193	16.9	19.6

356581 2011 SE_{255} 11 6.3 332°.15 7°.4/31.7 18

9 28	3 7.60	+ 4 3.5	1.500	2.341	16.7	20.0
10 8	3 5.42	+ 2 20.2	1.426	2.330	13.4	19.8
10 18	3 0.59	+ 0 31.8	1.373	2.319	10.0	19.6
10 28	2 53.73	− 1 12.1	1.344	2.309	7.6	19.4
11 7	2 45.83	− 2 41.0	1.340	2.300	8.0	19.4
11 17	2 38.08	− 3 46.0	1.362	2.291	10.9	19.6
11 27	2 31.64	− 4 21.5	1.406	2.284	14.5	19.7
12 7	2 27.41	− 4 26.7	1.471	2.276	17.8	20.0

482779 2013 HT_{55} 11 6.3 277°.42 4°.7/ 8.9 17

9 28	3 18.53	+27 18.8	2.055	2.807	15.9	21.8
10 8	3 13.87	+28 13.8	1.954	2.795	13.2	21.6
10 18	3 6.42	+28 57.8	1.873	2.784	10.1	21.3
10 28	2 56.70	+29 27.2	1.817	2.773	6.9	21.1
11 7	2 45.62	+29 40.1	1.788	2.761	4.8	21.0
11 17	2 34.38	+29 36.8	1.787	2.750	5.9	21.0
11 27	2 24.31	+29 21.1	1.815	2.738	9.0	21.2
12 7	2 16.45	+28 58.9	1.869	2.727	12.3	21.4

432712 2011 CA_{30} 11 6.3 174°.99 1°.9/ 4.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 15.82	+13 49.1	2.022	2.817	14.7	22.6
10 8	3 11.08	+13 6.3	1.939	2.821	11.5	22.4
10 18	3 4.04	+12 15.1	1.878	2.823	7.9	22.2
10 28	2 55.30	+11 18.8	1.843	2.825	3.9	21.9
11 7	2 45.74	+10 22.1	1.838	2.826	2.1	21.8
11 17	2 36.37	+ 9 30.4	1.862	2.826	5.5	22.1
11 27	2 28.19	+ 8 48.7	1.915	2.825	9.4	22.3
12 7	2 21.95	+ 8 20.7	1.993	2.824	12.8	22.5

356964 2012 XK_{133} 11 6.3 24°.77 0°.2/ 6.2 18

9 28	3 14.11	+15 17.8	1.150	1.987	21.0	19.1
10 8	3 11.22	+15 35.6	1.097	2.001	16.6	18.9
10 18	3 4.84	+15 44.0	1.063	2.016	11.4	18.7
10 28	2 55.85	+15 44.5	1.049	2.033	5.6	18.4
11 7	2 45.72	+15 40.1	1.060	2.051	0.5	18.1
11 17	2 36.07	+15 34.9	1.095	2.070	6.3	18.6
11 27	2 28.46	+15 34.3	1.155	2.090	11.6	18.9
12 7	2 23.84	+15 42.4	1.236	2.112	16.0	19.3

347357 2012 QQ_{36} 11 6.3 66°.30 1°.4/ 5.5 18

9 28	3 16.26	+15 5.5	1.467	2.282	18.3	20.9
10 8	3 12.03	+14 36.2	1.411	2.303	14.3	20.7
10 18	3 4.92	+13 57.0	1.374	2.324	9.7	20.5
10 28	2 55.74	+13 11.3	1.362	2.344	4.7	20.2
11 7	2 45.73	+12 24.7	1.376	2.365	1.6	20.1
11 17	2 36.22	+11 43.0	1.417	2.386	6.1	20.4
11 27	2 28.42	+11 12.0	1.484	2.407	10.6	20.7
12 7	2 23.12	+10 55.4	1.575	2.427	14.5	21.0

35968 1999 LK_{14} 11 6.3 94°.53 2°.1/ 4.8 18

9 28	3 16.47	+13 11.0	1.858	2.659	15.6	18.9
10 8	3 11.50	+12 26.4	1.799	2.684	12.1	18.7
10 18	3 4.20	+11 34.6	1.762	2.708	8.2	18.6
10 28	2 55.29	+10 39.4	1.751	2.732	4.1	18.4
11 7	2 45.77	+ 9 46.0	1.769	2.755	2.3	18.3
11 17	2 36.67	+ 8 59.7	1.815	2.778	5.7	18.6
11 27	2 28.96	+ 8 25.0	1.890	2.801	9.5	18.8
12 7	2 23.31	+ 8 4.6	1.989	2.822	12.7	19.1

32323 2000 QW_{60} 11 6.3 12°.74 1°.4/ 5.4 18

9 28	3 12.02	+13 49.2	1.864	2.673	15.2	18.5
10 8	3 8.36	+13 30.5	1.785	2.674	12.0	18.3
10 18	3 2.32	+13 4.6	1.727	2.675	8.2	18.1
10 28	2 54.51	+12 34.2	1.694	2.677	4.0	17.9
11 7	2 45.82	+12 2.9	1.689	2.679	1.6	17.7
11 17	2 37.29	+11 35.2	1.713	2.681	5.4	17.9
11 27	2 29.97	+11 15.3	1.763	2.683	9.4	18.2
12 7	2 24.64	+11 6.4	1.838	2.686	12.9	18.4

424339 2007 UZ_{116} 11 6.3 351°.69 0°.2/ 6.4 17

9 28	3 14.58	+16 49.2	1.155	1.988	21.2	21.3
10 8	3 12.02	+16 58.8	1.083	1.984	16.9	21.1
10 18	3 5.76	+16 56.8	1.029	1.981	11.8	20.8
10 28	2 56.51	+16 44.1	0.996	1.979	5.9	20.4
11 7	2 45.67	+16 23.8	0.986	1.977	0.4	20.0
11 17	2 34.99	+16 1.3	1.001	1.976	6.7	20.5
11 27	2 26.26	+15 43.5	1.040	1.976	12.5	20.8
12 7	2 20.71	+15 36.5	1.099	1.977	17.5	21.1

63312 2001 FH_{24} 11 6.3 111°.79 1°.2/ 7.5 18

9 28	3 11.68	+23 10.3	2.642	3.406	12.4	19.5
10 8	3 7.30	+22 46.3	2.563	3.421	9.9	19.4
10 18	3 1.17	+22 11.3	2.506	3.436	7.0	19.2
10 28	2 53.81	+21 26.3	2.476	3.451	3.8	19.0
11 7	2 45.91	+20 33.9	2.476	3.465	1.2	18.8
11 17	2 38.22	+19 37.7	2.506	3.479	3.4	19.0
11 27	2 31.49	+18 42.4	2.566	3.492	6.5	19.3
12 7	2 26.26	+17 52.2	2.654	3.506	9.3	19.5

452551 2004 XV_{29} 11 6.3 3°.24 2°.5/ 8.1 16

9 28	3 3.80	+25 5.0	1.333	2.153	19.6	20.3
10 8	3 3.02	+24 47.9	1.262	2.152	15.9	20.0
10 18	2 59.23	+24 9.1	1.209	2.152	11.5	19.8
10 28	2 53.15	+23 9.4	1.178	2.155	6.6	19.5
11 7	2 45.95	+21 53.6	1.171	2.159	2.6	19.3
11 17	2 38.99	+20 29.4	1.188	2.165	5.5	19.5
11 27	2 33.63	+19 7.2	1.231	2.173	10.3	19.8
12 7	2 30.78	+17 56.1	1.296	2.183	14.6	20.1

408581 2013 LR_{18} 11 6.3 63°.37 0°.9/ 7.1 18

9 28	3 10.27	+22 55.3	2.185	2.965	14.2	20.4
10 8	3 6.63	+22 12.3	2.104	2.972	11.3	20.2
10 18	3 0.93	+21 15.2	2.044	2.980	7.9	20.0
10 28	2 53.75	+20 5.9	2.011	2.988	4.2	19.8
11 7	2 45.92	+18 48.5	2.006	2.996	0.9	19.5
11 17	2 38.32	+17 28.4	2.031	3.005	4.0	19.8
11 27	2 31.82	+16 12.0	2.086	3.013	7.7	20.0
12 7	2 27.07	+15 5.0	2.166	3.021	11.0	20.3

519195 2010 PF_{50} 11 6.3 186°.97 7°.1/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 12.46	− 2 37.2	2.293	3.096	12.9	22.3
10 8	3 8.12	− 4 9.5	2.222	3.096	10.6	22.2
10 18	3 1.86	− 5 39.5	2.174	3.095	8.4	22.0
10 28	2 54.21	− 7 0.1	2.154	3.093	7.2	21.9
11 7	2 45.90	− 8 5.1	2.161	3.091	7.6	22.0
11 17	2 37.75	− 8 49.4	2.196	3.089	9.4	22.1
11 27	2 30.57	− 9 10.7	2.257	3.085	11.7	22.2
12 7	2 24.99	− 9 9.2	2.340	3.082	13.9	22.4

234291 2000 YA_{7} 11 6.3 26°.41 4°.5/ 8.8 18

9 28	3 13.12	+25 43.0	1.154	1.969	22.3	18.3
10 8	3 10.73	+26 16.2	1.102	1.985	18.2	18.0
10 18	3 4.67	+26 28.7	1.066	2.003	13.4	17.8
10 28	2 55.84	+26 18.6	1.050	2.021	8.3	17.6
11 7	2 45.79	+25 47.3	1.057	2.041	4.6	17.5
11 17	2 36.26	+25 0.8	1.089	2.063	6.6	17.7
11 27	2 28.88	+24 8.4	1.144	2.085	11.1	18.0
12 7	2 24.63	+23 19.8	1.221	2.108	15.4	18.3

169778 2002 PW_{102} 11 6.3 16°.45 5°.0/10.1 18

9 28	3 14.12	+31 27.9	1.840	2.592	17.4	20.3
10 8	3 10.49	+31 37.6	1.753	2.593	14.6	20.1
10 18	3 4.07	+31 27.8	1.686	2.593	11.3	19.9
10 28	2 55.48	+30 56.0	1.641	2.594	7.8	19.7
11 7	2 45.82	+30 2.8	1.622	2.595	5.2	19.6
11 17	2 36.33	+28 52.4	1.630	2.595	5.9	19.6
11 27	2 28.30	+27 32.4	1.666	2.596	9.0	19.8
12 7	2 22.63	+26 11.7	1.727	2.597	12.5	20.0

397283 2006 SP_{40} 11 6.3 31°.10 0°.1/ 6.3 18

9 28	3 14.24	+16 11.0	1.626	2.435	17.1	20.5
10 8	3 10.47	+16 15.6	1.555	2.443	13.5	20.3
10 18	3 3.96	+16 11.7	1.504	2.451	9.3	20.1
10 28	2 55.38	+16 0.6	1.478	2.460	4.6	19.8
11 7	2 45.83	+15 44.9	1.478	2.469	0.4	19.5
11 17	2 36.52	+15 28.5	1.505	2.478	5.2	19.9
11 27	2 28.67	+15 16.0	1.560	2.488	9.7	20.2
12 7	2 23.14	+15 11.4	1.638	2.499	13.6	20.4

401649 2013 GN_{100} 11 6.3 110°.78 1°.2/ 7.4 18

9 28	3 11.73	+23 3.0	2.361	3.132	13.5	20.9
10 8	3 7.62	+22 34.9	2.280	3.142	10.8	20.8
10 18	3 1.54	+21 54.4	2.220	3.152	7.6	20.6
10 28	2 54.05	+21 2.6	2.187	3.162	4.1	20.4
11 7	2 45.93	+20 2.7	2.182	3.172	1.2	20.2
11 17	2 38.03	+18 58.9	2.208	3.181	3.8	20.4
11 27	2 31.17	+17 56.7	2.263	3.190	7.2	20.6
12 7	2 25.98	+17 1.1	2.345	3.199	10.3	20.8

152132 2004 TG_{123} 11 6.3 327°.86 2°.9/ 3.3 18

9 28	3 6.19	+ 7 47.9	2.821	3.627	10.7	19.5
10 8	3 2.96	+ 7 3.3	2.733	3.621	8.4	19.4
10 18	2 58.23	+ 6 15.9	2.669	3.614	5.8	19.2
10 28	2 52.41	+ 5 29.1	2.633	3.608	3.5	19.0
11 7	2 46.05	+ 4 46.4	2.626	3.602	3.1	19.0
11 17	2 39.77	+ 4 11.3	2.648	3.597	5.2	19.1
11 27	2 34.18	+ 3 46.7	2.698	3.591	7.7	19.3
12 7	2 29.80	+ 3 34.2	2.774	3.586	10.2	19.4

349146 2007 MC_{3} 11 6.3 80°.25 0°.4/ 6.1 18

9 28	3 14.94	+17 22.9	1.701	2.504	16.7	21.2
10 8	3 10.80	+17 1.5	1.632	2.517	13.2	21.0
10 18	3 4.05	+16 29.1	1.584	2.529	9.0	20.8
10 28	2 55.37	+15 48.2	1.560	2.542	4.4	20.6
11 7	2 45.84	+15 2.8	1.564	2.555	0.6	20.3
11 17	2 36.63	+14 18.1	1.595	2.567	5.2	20.7
11 27	2 28.88	+13 40.1	1.654	2.580	9.5	21.0
12 7	2 23.36	+13 13.1	1.738	2.592	13.3	21.2

315845 2008 HE_{13} 11 6.3 346°.59 0°.4/ 6.6 18

9 28	3 12.73	+17 27.2	1.745	2.550	16.3	20.4
10 8	3 9.29	+17 34.4	1.661	2.545	13.0	20.2
10 18	3 3.21	+17 32.6	1.597	2.541	9.0	19.9
10 28	2 55.07	+17 22.7	1.557	2.538	4.6	19.7
11 7	2 45.86	+17 6.7	1.543	2.534	0.5	19.4
11 17	2 36.73	+16 48.1	1.558	2.532	5.0	19.7
11 27	2 28.87	+16 31.8	1.599	2.529	9.4	20.0
12 7	2 23.20	+16 21.9	1.665	2.528	13.3	20.2

515810 2015 MU_{50} 11 6.3 127°.45 6°.9/11.3 18

9 28	3 20.52	+35 14.2	2.074	2.787	16.8	21.7
10 8	3 15.44	+36 9.1	1.990	2.795	14.4	21.5
10 18	3 7.45	+36 46.8	1.926	2.803	11.7	21.4
10 28	2 57.19	+37 2.7	1.885	2.811	9.0	21.2
11 7	2 45.73	+36 54.8	1.869	2.818	7.1	21.1
11 17	2 34.39	+36 24.2	1.881	2.826	7.3	21.2
11 27	2 24.51	+35 36.3	1.921	2.832	9.3	21.3
12 7	2 17.08	+34 39.0	1.986	2.839	11.9	21.5

135609 2002 JP_{25} 11 6.3 199°.35 2°.7/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 18.13	+10 50.1	1.559	2.372	17.5	20.7
10 8	3 13.71	+10 31.0	1.480	2.371	13.9	20.4
10 18	3 6.33	+10 6.4	1.421	2.369	9.6	20.2
10 28	2 56.64	+ 9 39.6	1.386	2.367	5.0	19.9
11 7	2 45.77	+ 9 15.3	1.379	2.365	2.9	19.8
11 17	2 35.07	+ 8 58.2	1.398	2.363	6.9	20.0
11 27	2 25.88	+ 8 52.8	1.444	2.360	11.4	20.3
12 7	2 19.19	+ 9 1.8	1.514	2.357	15.5	20.5

511692 2015 BF_{535} 11 6.3 259°.66 4°.7/ 8.8 17

9 28	3 18.39	+26 36.6	1.506	2.287	19.5	21.8
10 8	3 14.62	+27 12.3	1.419	2.280	16.2	21.5
10 18	3 7.41	+27 31.9	1.349	2.274	12.2	21.3
10 28	2 57.36	+27 31.6	1.302	2.267	7.9	21.0
11 7	2 45.71	+27 10.6	1.279	2.260	4.8	20.8
11 17	2 34.06	+26 31.7	1.283	2.253	6.5	20.9
11 27	2 24.09	+25 42.1	1.313	2.246	10.7	21.1
12 7	2 17.03	+24 51.3	1.367	2.239	15.0	21.4

430518 2001 YS_{23} 11 6.3 0°.75 3°.2/ 7.9 18

9 28	3 5.53	+23 1.5	0.871	1.727	24.5	20.4
10 8	3 5.87	+23 19.2	0.811	1.723	20.0	20.1
10 18	3 2.07	+23 13.7	0.766	1.720	14.4	19.8
10 28	2 54.88	+22 43.9	0.739	1.720	8.3	19.5
11 7	2 45.89	+21 53.1	0.732	1.721	3.3	19.2
11 17	2 37.19	+20 50.0	0.746	1.725	7.1	19.5
11 27	2 30.80	+19 47.0	0.781	1.730	13.2	19.8
12 7	2 28.02	+18 55.7	0.834	1.738	18.7	20.2

511487 2014 NT_{1} 11 6.3 150°.83 5°.3/ 1.7 18

9 28	3 13.08	+ 1 15.7	2.428	3.228	12.4	22.1
10 8	3 8.42	+ 0 10.3	2.360	3.238	9.9	22.0
10 18	3 1.96	− 0 54.1	2.315	3.247	7.4	21.8
10 28	2 54.24	− 1 52.3	2.298	3.255	5.6	21.7
11 7	2 45.96	− 2 39.3	2.309	3.263	5.7	21.7
11 17	2 37.89	− 3 11.4	2.350	3.270	7.5	21.9
11 27	2 30.77	− 3 26.0	2.418	3.276	9.9	22.0
12 7	2 25.17	− 3 23.0	2.509	3.282	12.2	22.2

368142 2013 LF_{12} 11 6.3 129°.78 9°.5/29.4 18

9 28	3 12.71	−14 5.4	2.391	3.169	13.2	21.0
10 8	3 8.20	−15 13.5	2.336	3.174	11.5	20.9
10 18	3 1.84	−16 10.3	2.304	3.179	10.1	20.8
10 28	2 54.19	−16 49.3	2.296	3.183	9.5	20.7
11 7	2 45.97	−17 5.7	2.313	3.188	9.8	20.8
11 17	2 37.98	−16 57.2	2.355	3.192	11.0	20.9
11 27	2 31.00	−16 23.9	2.421	3.196	12.6	21.0
12 7	2 25.60	−15 28.4	2.507	3.200	14.2	21.1

98932 2001 CZ_{6} 11 6.3 221°.98 2°.6/ 4.5 18

9 28	3 14.39	+10 28.3	2.149	2.949	13.8	20.2
10 8	3 9.96	+ 9 56.6	2.058	2.942	10.9	20.0
10 18	3 3.34	+ 9 19.8	1.988	2.933	7.5	19.8
10 28	2 55.05	+ 8 41.2	1.946	2.925	4.0	19.5
11 7	2 45.91	+ 8 4.8	1.931	2.916	2.8	19.4
11 17	2 36.83	+ 7 34.9	1.947	2.906	5.8	19.6
11 27	2 28.78	+ 7 15.4	1.990	2.896	9.4	19.8
12 7	2 22.50	+ 7 8.7	2.059	2.886	12.6	20.0

287614 2003 GV_{56} 11 6.3 273°.03 2°.0/ 7.4 18

9 28	3 17.15	+20 49.4	1.694	2.485	17.3	20.2
10 8	3 13.13	+21 11.5	1.599	2.473	14.0	20.0
10 18	3 6.11	+21 22.8	1.524	2.461	10.0	19.7
10 28	2 56.66	+21 22.1	1.473	2.449	5.6	19.4
11 7	2 45.79	+21 10.1	1.448	2.437	2.0	19.2
11 17	2 34.86	+20 49.5	1.451	2.424	5.3	19.4
11 27	2 25.27	+20 25.6	1.481	2.412	9.9	19.6
12 7	2 18.14	+20 4.6	1.535	2.400	14.1	19.8

300644 2007 UK_{75} 11 6.3 47°.17 1°.8/ 7.6 18

9 28	3 12.90	+23 17.9	1.654	2.447	17.5	20.7
10 8	3 9.45	+23 2.3	1.582	2.456	14.1	20.4
10 18	3 3.26	+22 30.5	1.529	2.466	10.0	20.2
10 28	2 55.06	+21 43.4	1.500	2.477	5.5	20.0
11 7	2 45.92	+20 44.6	1.498	2.487	1.8	19.8
11 17	2 37.09	+19 39.8	1.523	2.498	4.9	20.0
11 27	2 29.75	+18 36.7	1.576	2.509	9.2	20.3
12 7	2 24.73	+17 42.2	1.652	2.520	13.1	20.6

161895 2007 DV_{30} 11 6.3 144°.77 0°.4/ 5.9 18

9 28	3 12.18	+16 19.2	2.416	3.204	12.8	20.8
10 8	3 7.92	+16 1.1	2.332	3.209	10.1	20.6
10 18	3 1.75	+15 35.5	2.271	3.213	6.9	20.4
10 28	2 54.20	+15 4.3	2.236	3.217	3.4	20.2
11 7	2 45.98	+14 30.3	2.231	3.221	0.6	20.0
11 17	2 37.90	+13 56.8	2.255	3.225	4.1	20.3
11 27	2 30.78	+13 27.6	2.309	3.229	7.5	20.5
12 7	2 25.24	+13 6.1	2.389	3.232	10.5	20.7

51083 2000 GG_{170} 11 6.3 46°.39 5°.4/ 9.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 17.01	+30 8.7	1.908	2.658	17.0	19.4
10 8	3 12.75	+30 52.7	1.823	2.660	14.2	19.2
10 18	3 5.66	+31 21.3	1.757	2.663	11.0	19.0
10 28	2 56.34	+31 31.0	1.715	2.665	7.8	18.9
11 7	2 45.82	+31 20.6	1.698	2.668	5.6	18.7
11 17	2 35.40	+30 52.1	1.710	2.671	6.3	18.8
11 27	2 26.37	+30 10.8	1.748	2.673	9.1	19.0
12 7	2 19.71	+29 24.3	1.812	2.676	12.3	19.2

137388 1999 TY_{156} 11 6.3 331°.07 5°.4/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 18.28	+26 34.6	1.400	2.187	20.4	20.1
10 8	3 14.80	+27 29.8	1.318	2.183	17.0	19.9
10 18	3 7.70	+28 9.6	1.254	2.179	12.9	19.6
10 28	2 57.57	+28 29.5	1.212	2.176	8.5	19.4
11 7	2 45.73	+28 27.2	1.194	2.172	5.5	19.2
11 17	2 33.89	+28 4.5	1.201	2.169	7.1	19.3
11 27	2 23.86	+27 28.3	1.233	2.167	11.2	19.5
12 7	2 16.94	+26 48.1	1.289	2.164	15.5	19.8

299590 2006 HA_{11} 11 6.3 115°.97 2°.3/ 4.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 16.24	+11 1.9	2.158	2.953	13.9	21.4
10 8	3 11.09	+10 30.8	2.091	2.972	10.8	21.2
10 18	3 3.87	+ 9 55.1	2.047	2.991	7.4	21.1
10 28	2 55.20	+ 9 18.0	2.030	3.009	3.9	20.9
11 7	2 45.92	+ 8 43.4	2.042	3.027	2.5	20.8
11 17	2 36.94	+ 8 15.1	2.084	3.044	5.4	21.1
11 27	2 29.13	+ 7 56.5	2.155	3.061	8.7	21.3
12 7	2 23.12	+ 7 49.6	2.251	3.077	11.7	21.5

517332 2014 JD_{47} 11 6.3 133°.40 1°.8/ 7.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 12.82	+24 40.1	2.001	2.776	15.5	21.5
10 8	3 8.97	+24 12.6	1.915	2.779	12.5	21.3
10 18	3 2.75	+23 29.4	1.851	2.782	9.0	21.1
10 28	2 54.77	+22 31.0	1.811	2.785	5.0	20.8
11 7	2 45.95	+21 20.9	1.799	2.788	1.8	20.6
11 17	2 37.35	+20 4.4	1.817	2.790	4.4	20.8
11 27	2 29.99	+18 48.7	1.863	2.793	8.3	21.1
12 7	2 24.63	+17 40.4	1.935	2.795	11.8	21.3

384298 2009 RJ_{55} 11 6.3 40°.22 4°.0/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 12.15	+11 38.9	1.279	2.116	19.2	20.8
10 8	3 9.28	+10 31.1	1.221	2.127	15.1	20.6
10 18	3 3.33	+ 9 13.4	1.183	2.137	10.3	20.4
10 28	2 55.12	+ 7 53.2	1.167	2.149	5.6	20.2
11 7	2 45.93	+ 6 39.3	1.177	2.160	4.4	20.1
11 17	2 37.18	+ 5 40.4	1.212	2.173	8.3	20.4
11 27	2 30.18	+ 5 2.7	1.272	2.186	12.8	20.7
12 7	2 25.79	+ 4 48.6	1.352	2.199	16.8	21.0

97738 2000 HK_{28} 11 6.3 296°.72 7°.5/ 2.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 17.89	− 7 20.6	2.260	3.046	13.6	19.1
10 8	3 12.58	− 7 40.3	2.169	3.028	11.4	18.9
10 18	3 5.09	− 7 51.3	2.100	3.010	9.2	18.7
10 28	2 55.93	− 7 48.4	2.056	2.992	7.7	18.6
11 7	2 45.87	− 7 27.4	2.040	2.974	7.7	18.6
11 17	2 35.86	− 6 46.0	2.052	2.956	9.3	18.6
11 27	2 26.85	− 5 44.4	2.091	2.938	11.7	18.8
12 7	2 19.58	− 4 24.7	2.155	2.921	14.2	18.9

12669 1979 MY_{5} 11 6.4 130°.80 4°.6/10.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 15.66	+32 9.0	2.159	2.893	15.7	18.2
10 8	3 11.19	+32 12.1	2.074	2.901	13.1	18.1
10 18	3 4.26	+31 57.2	2.009	2.909	10.1	17.9
10 28	2 55.51	+31 22.8	1.968	2.917	7.0	17.7
11 7	2 45.92	+30 29.6	1.954	2.924	4.8	17.6
11 17	2 36.56	+29 21.4	1.968	2.931	5.3	17.6
11 27	2 28.51	+28 4.8	2.012	2.938	8.0	17.8
12 7	2 22.54	+26 47.3	2.082	2.945	11.0	18.0

333245 2012 HA_{71} 11 6.4 155°.53 0°.3/ 6.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 12.77	+15 22.8	2.780	3.560	11.5	21.2
10 8	3 8.12	+15 20.4	2.693	3.565	9.0	21.0
10 18	3 1.78	+15 12.6	2.629	3.569	6.2	20.8
10 28	2 54.20	+15 0.7	2.592	3.573	3.0	20.6
11 7	2 46.01	+14 46.5	2.586	3.577	0.5	20.4
11 17	2 37.93	+14 32.3	2.610	3.580	3.6	20.7
11 27	2 30.66	+14 20.8	2.664	3.583	6.7	20.9
12 7	2 24.78	+14 14.4	2.746	3.586	9.4	21.1

446440 2014 JU_{44} 11 6.4 219°.07 0°.5/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 12.86	+18 41.3	2.129	2.917	14.3	21.7
10 8	3 8.83	+17 52.4	2.034	2.911	11.3	21.5
10 18	3 2.59	+16 51.0	1.962	2.904	7.8	21.2
10 28	2 54.70	+15 39.4	1.916	2.897	3.8	21.0
11 7	2 45.97	+14 22.3	1.899	2.889	0.7	20.7
11 17	2 37.36	+13 5.5	1.912	2.881	4.7	21.0
11 27	2 29.83	+11 55.5	1.953	2.873	8.7	21.2
12 7	2 24.12	+10 57.6	2.021	2.864	12.2	21.4

212469 2006 QS_{44} 11 6.4 64°.66 4°.2/ 3.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 12.98	+ 6 53.5	1.838	2.654	15.1	20.2
10 8	3 9.06	+ 6 10.3	1.765	2.657	11.9	20.0
10 18	3 2.79	+ 5 24.5	1.715	2.661	8.4	19.8
10 28	2 54.79	+ 4 40.9	1.689	2.664	5.1	19.6
11 7	2 45.97	+ 4 5.0	1.691	2.668	4.5	19.6
11 17	2 37.36	+ 3 41.2	1.720	2.671	7.3	19.7
11 27	2 29.98	+ 3 33.1	1.777	2.675	10.7	20.0
12 7	2 24.57	+ 3 41.8	1.856	2.678	14.0	20.2

324071 2005 WA_{26} 11 6.4 356°.13 1°.7/ 7.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 11.22	+22 40.0	1.936	2.723	15.5	20.7
10 8	3 7.86	+22 32.6	1.850	2.722	12.5	20.5
10 18	3 2.09	+22 11.9	1.785	2.721	8.9	20.2
10 28	2 54.50	+21 38.2	1.744	2.720	4.9	20.0
11 7	2 45.99	+20 54.1	1.731	2.719	1.7	19.8
11 17	2 37.61	+20 3.8	1.745	2.719	4.5	20.0
11 27	2 30.43	+19 13.3	1.788	2.719	8.4	20.2
12 7	2 25.25	+18 28.4	1.855	2.720	12.1	20.4

130309 2000 EM_{103} 11 6.4 265°.32 6°.6/31.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 12.96	− 5 27.6	2.595	3.386	11.9	20.0
10 8	3 8.44	− 6 10.4	2.504	3.368	9.9	19.9
10 18	3 2.11	− 6 48.1	2.436	3.350	8.0	19.7
10 28	2 54.42	− 7 15.7	2.395	3.331	6.7	19.6
11 7	2 46.02	− 7 28.9	2.381	3.312	6.9	19.6
11 17	2 37.64	− 7 24.6	2.395	3.293	8.5	19.7
11 27	2 30.06	− 7 1.6	2.436	3.273	10.6	19.8
12 7	2 23.91	− 6 20.5	2.501	3.254	12.8	19.9

243454 2009 HH_{92} 11 6.4 136°.19 0°.4/ 6.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 14.27	+15 47.8	2.045	2.840	14.6	20.8
10 8	3 9.98	+15 41.0	1.962	2.842	11.5	20.6
10 18	3 3.40	+15 26.8	1.900	2.844	7.9	20.4
10 28	2 55.11	+15 6.6	1.864	2.846	3.9	20.2
11 7	2 45.97	+14 43.1	1.857	2.848	0.6	19.9
11 17	2 36.96	+14 19.9	1.879	2.849	4.6	20.2
11 27	2 29.09	+14 0.9	1.928	2.851	8.6	20.5
12 7	2 23.12	+13 49.7	2.004	2.853	12.0	20.7

104387 2000 FY_{36} 11 6.4 264°.75 4°.1/ 3.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 13.18	+10 5.8	1.669	2.489	16.3	20.4
10 8	3 9.73	+ 9 2.5	1.579	2.474	12.9	20.1
10 18	3 3.59	+ 7 50.4	1.510	2.460	9.0	19.9
10 28	2 55.34	+ 6 34.9	1.466	2.445	5.2	19.6
11 7	2 45.95	+ 5 23.4	1.449	2.429	4.4	19.5
11 17	2 36.59	+ 4 23.3	1.459	2.414	7.9	19.7
11 27	2 28.49	+ 3 41.3	1.496	2.398	12.1	19.9
12 7	2 22.60	+ 3 20.6	1.555	2.383	15.9	20.1

388185 2006 CX_{10} 11 6.4 193°.95 2°.5/ 8.4 14 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 21.19	+25 30.5	3.155	3.878	11.4	23.8
10 8	3 14.71	+25 53.7	3.046	3.875	9.3	23.7
10 18	3 6.33	+26 8.0	2.961	3.870	6.9	23.5
10 28	2 56.50	+26 12.2	2.904	3.865	4.3	23.3
11 7	2 45.89	+26 6.1	2.879	3.859	2.5	23.2
11 17	2 35.26	+25 51.1	2.886	3.851	3.6	23.3
11 27	2 25.44	+25 29.8	2.925	3.843	6.2	23.4
12 7	2 17.09	+25 6.1	2.993	3.833	8.7	23.6

416719 2005 CG_{43} 11 6.4 317°.70 9°.4/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 8.90	− 7 58.0	2.005	2.817	14.2	20.3
10 8	3 5.82	− 9 22.7	1.929	2.799	12.1	20.1
10 18	3 0.60	−10 41.0	1.874	2.782	10.3	19.9
10 28	2 53.75	−11 44.8	1.844	2.765	9.4	19.9
11 7	2 46.07	−12 26.9	1.838	2.749	10.0	19.9
11 17	2 38.45	−12 42.5	1.858	2.733	11.7	19.9
11 27	2 31.83	−12 29.7	1.900	2.718	14.0	20.1
12 7	2 26.95	−11 50.1	1.962	2.703	16.2	20.2

375187 2008 DM_{82} 11 6.4 350°.53 0°.8/ 6.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 13.79	+15 13.2	1.048	1.893	22.0	20.1
10 8	3 11.90	+15 58.5	0.977	1.884	17.7	19.8
10 18	3 6.06	+16 37.6	0.922	1.877	12.5	19.4
10 28	2 56.90	+17 9.7	0.888	1.871	6.4	19.1
11 7	2 45.85	+17 35.3	0.876	1.867	0.8	18.7
11 17	2 34.81	+17 56.2	0.887	1.864	6.9	19.1
11 27	2 25.80	+18 16.8	0.921	1.863	13.0	19.4
12 7	2 20.25	+18 41.8	0.976	1.863	18.3	19.7

333967 2000 FO_{48} 11 6.4 178°.90 3°.1/ 4.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 16.81	+ 9 14.1	2.078	2.876	14.2	21.8
10 8	3 11.83	+ 8 37.6	1.996	2.879	11.2	21.6
10 18	3 4.59	+ 7 56.8	1.936	2.880	7.8	21.4
10 28	2 55.68	+ 7 15.5	1.903	2.881	4.3	21.2
11 7	2 45.95	+ 6 38.1	1.899	2.881	3.3	21.1
11 17	2 36.39	+ 6 9.0	1.924	2.880	6.2	21.3
11 27	2 27.97	+ 5 51.8	1.978	2.878	9.7	21.5
12 7	2 21.43	+ 5 48.7	2.056	2.876	12.9	21.7

483904 2006 AQ_{52} 11 6.4 237°.78 2°.6/ 4.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 10.73	+10 5.2	2.403	3.204	12.4	21.9
10 8	3 6.83	+ 9 27.7	2.313	3.198	9.8	21.7
10 18	3 1.06	+ 8 45.7	2.247	3.192	6.7	21.5
10 28	2 53.92	+ 8 2.5	2.208	3.186	3.7	21.3
11 7	2 46.07	+ 7 21.9	2.197	3.180	2.8	21.2
11 17	2 38.32	+ 6 47.9	2.216	3.174	5.4	21.4
11 27	2 31.44	+ 6 24.0	2.264	3.167	8.5	21.6
12 7	2 26.07	+ 6 12.5	2.337	3.160	11.4	21.7

322082 2010 VP_{118} 11 6.4 256°.17 2°.9/ 8.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 12.37	+27 1.2	2.316	3.072	14.1	21.1
10 8	3 8.49	+26 59.4	2.216	3.064	11.6	20.9
10 18	3 2.42	+26 43.7	2.137	3.056	8.6	20.7
10 28	2 54.66	+26 13.2	2.083	3.048	5.4	20.5
11 7	2 46.02	+25 29.3	2.057	3.040	3.0	20.3
11 17	2 37.44	+24 35.2	2.061	3.031	4.3	20.4
11 27	2 29.89	+23 36.2	2.093	3.023	7.5	20.5
12 7	2 24.12	+22 38.4	2.152	3.014	10.7	20.7

71527 2000 CD_{82} 11 6.4 201°.66 0°.1/ 6.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 11.22	+17 12.7	2.841	3.619	11.3	20.3
10 8	3 6.95	+16 57.3	2.745	3.615	8.9	20.1
10 18	3 1.02	+16 35.0	2.672	3.612	6.1	19.9
10 28	2 53.86	+16 7.1	2.628	3.608	3.0	19.7
11 7	2 46.09	+15 35.8	2.613	3.604	0.3	19.4
11 17	2 38.38	+15 3.9	2.628	3.599	3.5	19.7
11 27	2 31.44	+14 34.6	2.674	3.594	6.6	19.9
12 7	2 25.85	+14 11.1	2.747	3.589	9.3	20.1

298124 2002 RE_{243} 11 6.4 73°.95 0°.2/ 6.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 13.35	+19 11.7	1.800	2.597	16.1	20.8
10 8	3 9.52	+18 47.1	1.725	2.606	12.8	20.6
10 18	3 3.20	+18 10.3	1.671	2.614	8.8	20.4
10 28	2 55.03	+17 23.2	1.642	2.623	4.4	20.2
11 7	2 46.01	+16 29.9	1.640	2.631	0.3	19.8
11 17	2 37.25	+15 35.6	1.667	2.640	4.8	20.2
11 27	2 29.83	+14 46.5	1.722	2.649	9.1	20.5
12 7	2 24.52	+14 7.9	1.801	2.657	12.8	20.8

452014 2014 OJ_{104} 11 6.4 11°.03 4°.6/ 9.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 13.70	+29 42.3	2.033	2.786	16.0	21.6
10 8	3 9.92	+30 8.3	1.946	2.787	13.3	21.4
10 18	3 3.59	+30 18.8	1.879	2.788	10.2	21.3
10 28	2 55.30	+30 11.6	1.835	2.789	7.0	21.1
11 7	2 45.99	+29 46.6	1.818	2.791	4.8	20.9
11 17	2 36.79	+29 6.5	1.828	2.792	5.5	21.0
11 27	2 28.83	+28 16.6	1.866	2.794	8.4	21.2
12 7	2 22.99	+27 24.0	1.930	2.797	11.6	21.4

523734 2014 QV_{441} 11 6.4 2°.29 1°.2/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 51.98	− 8 21.0	18.040	18.822	1.9	21.6
10 8	2 50.84	− 8 35.2	17.972	18.824	1.6	21.6
10 18	2 49.50	− 8 48.1	17.929	18.825	1.4	21.5
10 28	2 48.04	− 8 59.3	17.915	18.826	1.2	21.5
11 7	2 46.50	− 9 8.3	17.928	18.828	1.3	21.5
11 17	2 44.98	− 9 14.8	17.969	18.829	1.5	21.5
11 27	2 43.54	− 9 18.5	18.037	18.831	1.8	21.6
12 7	2 42.25	− 9 19.3	18.130	18.832	2.1	21.6

142827 2002 VK_{10} 11 6.4 105°.10 2°.4/ 8.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 14.67	+25 11.7	2.039	2.807	15.5	20.2
10 8	3 10.36	+25 4.3	1.960	2.818	12.5	20.1
10 18	3 3.67	+24 42.4	1.902	2.829	9.1	19.9
10 28	2 55.24	+24 6.0	1.869	2.840	5.3	19.7
11 7	2 46.01	+23 17.3	1.864	2.850	2.5	19.5
11 17	2 37.03	+22 20.7	1.888	2.861	4.4	19.7
11 27	2 29.32	+21 22.2	1.941	2.871	8.0	19.9
12 7	2 23.63	+20 28.1	2.019	2.881	11.4	20.1

518081 2016 AA_{228} 11 6.4 345°.06 3°.4/ 3.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 9.15	+ 8 26.9	2.123	2.937	13.4	21.7
10 8	3 5.83	+ 7 45.9	2.041	2.933	10.6	21.5
10 18	3 0.50	+ 7 1.2	1.982	2.929	7.3	21.3
10 28	2 53.68	+ 6 16.8	1.948	2.926	4.3	21.1
11 7	2 46.12	+ 5 37.4	1.943	2.923	3.6	21.0
11 17	2 38.67	+ 5 7.2	1.966	2.920	6.2	21.2
11 27	2 32.21	+ 4 49.8	2.016	2.918	9.5	21.4
12 7	2 27.39	+ 4 47.0	2.091	2.916	12.5	21.6

513963 2014 EO_{248} 11 6.4 204°.72 1°.8/ 7.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 18.68	+21 7.4	2.310	3.074	14.0	22.4
10 8	3 13.39	+21 28.9	2.211	3.069	11.3	22.2
10 18	3 5.78	+21 41.6	2.135	3.064	8.1	21.9
10 28	2 56.35	+21 44.9	2.085	3.058	4.5	21.7
11 7	2 45.93	+21 39.3	2.064	3.052	1.8	21.5
11 17	2 35.51	+21 26.6	2.074	3.045	4.2	21.7
11 27	2 26.14	+21 10.5	2.113	3.038	7.8	21.9
12 7	2 18.61	+20 55.2	2.180	3.030	11.1	22.1

262866 2007 BD_{47} 11 6.4 157°.68 1°.0/ 5.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 12.42	+14 22.0	2.433	3.224	12.6	21.3
10 8	3 8.10	+14 1.4	2.349	3.228	9.9	21.1
10 18	3 1.90	+13 34.6	2.287	3.231	6.7	20.9
10 28	2 54.32	+13 3.6	2.253	3.234	3.3	20.7
11 7	2 46.08	+12 31.5	2.247	3.237	1.2	20.6
11 17	2 37.97	+12 1.5	2.272	3.239	4.3	20.8
11 27	2 30.79	+11 37.3	2.326	3.242	7.7	21.0
12 7	2 25.17	+11 21.6	2.406	3.244	10.6	21.2

484988 2009 UL_{98} 11 6.4 195°.11 0°.9/ 5.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 13.26	+13 34.8	2.483	3.272	12.4	21.0
10 8	3 8.77	+13 31.5	2.394	3.272	9.8	20.8
10 18	3 2.38	+13 23.5	2.328	3.271	6.7	20.6
10 28	2 54.58	+13 12.3	2.289	3.270	3.3	20.4
11 7	2 46.06	+12 59.9	2.279	3.269	1.0	20.2
11 17	2 37.63	+12 49.1	2.299	3.267	4.2	20.5
11 27	2 30.09	+12 42.5	2.349	3.266	7.5	20.7
12 7	2 24.09	+12 42.6	2.425	3.264	10.5	20.9

284765 2008 WK_{70} 11 6.4 301°.11 0°.1/ 6.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 13.25	+18 33.4	1.709	2.512	16.6	21.2
10 8	3 9.77	+18 15.7	1.624	2.507	13.3	20.9
10 18	3 3.59	+17 45.7	1.558	2.503	9.2	20.7
10 28	2 55.34	+17 5.2	1.517	2.498	4.6	20.4
11 7	2 46.01	+16 17.7	1.503	2.494	0.3	20.0
11 17	2 36.79	+15 28.5	1.517	2.490	5.2	20.4
11 27	2 28.91	+14 44.1	1.557	2.485	9.8	20.7
12 7	2 23.26	+14 10.0	1.622	2.481	13.8	20.9

228936 2003 SC_{390} 11 6.4 297°.22 1°.1/ 5.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 11.69	+13 36.7	2.235	3.033	13.3	20.9
10 8	3 7.86	+13 25.8	2.139	3.022	10.5	20.7
10 18	3 1.95	+13 9.2	2.066	3.012	7.2	20.5
10 28	2 54.44	+12 48.7	2.019	3.001	3.6	20.3
11 7	2 46.07	+12 27.2	2.001	2.990	1.3	20.1
11 17	2 37.73	+12 7.8	2.011	2.979	4.7	20.3
11 27	2 30.33	+11 54.2	2.050	2.969	8.4	20.5
12 7	2 24.59	+11 49.1	2.115	2.959	11.7	20.7

4664 Hanner 11 6.4 58°.46 0°.8/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 12.95	+19 49.1	1.984	2.774	15.1	17.0
10 8	3 9.04	+19 41.2	1.904	2.780	12.0	16.8
10 18	3 2.81	+19 22.5	1.846	2.786	8.4	16.6
10 28	2 54.85	+18 54.0	1.813	2.792	4.3	16.4
11 7	2 46.05	+18 18.4	1.807	2.798	0.8	16.2
11 17	2 37.44	+17 39.7	1.831	2.804	4.4	16.4
11 27	2 30.03	+17 3.0	1.882	2.811	8.3	16.7
12 7	2 24.57	+16 32.9	1.959	2.817	11.8	16.9

475397 2006 HK_{74} 11 6.4 347°.28 3°.1/ 4.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 6.72	+14 46.1	1.331	2.171	18.5	20.3
10 8	3 5.21	+13 31.3	1.255	2.163	14.6	20.0
10 18	3 0.75	+12 0.6	1.199	2.155	10.0	19.7
10 28	2 54.01	+10 20.4	1.166	2.149	5.1	19.4
11 7	2 46.11	+ 8 40.1	1.158	2.144	3.5	19.3
11 17	2 38.38	+ 7 10.4	1.175	2.140	7.8	19.6
11 27	2 32.18	+ 6 0.7	1.217	2.136	12.7	19.8
12 7	2 28.43	+ 5 16.4	1.279	2.134	17.0	20.1

434104 2002 LM_{5} 11 6.4 53°.55 3°.0/ 5.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 21.90	+ 8 4.8	1.469	2.282	18.4	20.1
10 8	3 16.26	+ 8 11.1	1.423	2.313	14.4	19.9
10 18	3 7.72	+ 8 16.3	1.397	2.344	9.8	19.7
10 28	2 57.18	+ 8 23.1	1.395	2.375	5.2	19.5
11 7	2 45.91	+ 8 34.4	1.421	2.407	3.2	19.5
11 17	2 35.29	+ 8 52.6	1.474	2.438	6.7	19.8
11 27	2 26.50	+ 9 19.6	1.554	2.470	10.8	20.1
12 7	2 20.32	+ 9 56.1	1.658	2.501	14.4	20.4

206548 2003 UY_{217} 11 6.4 8°.61 2°.2/ 5.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 13.84	+11 55.6	1.729	2.543	16.0	19.9
10 8	3 10.03	+11 32.9	1.651	2.543	12.6	19.7
10 18	3 3.65	+11 4.1	1.594	2.543	8.7	19.4
10 28	2 55.33	+10 32.2	1.562	2.544	4.4	19.2
11 7	2 46.03	+10 1.7	1.557	2.544	2.4	19.1
11 17	2 36.91	+ 9 37.2	1.580	2.545	6.1	19.3
11 27	2 29.09	+ 9 23.0	1.629	2.546	10.3	19.5
12 7	2 23.42	+ 9 22.0	1.702	2.547	14.0	19.8

120191 Tombagg 11 6.4 249°.89 2°.9/ 4.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 15.96	+11 9.1	1.741	2.551	16.1	20.0
10 8	3 11.89	+10 33.8	1.648	2.537	12.8	19.8
10 18	3 5.10	+ 9 51.3	1.575	2.522	8.9	19.5
10 28	2 56.15	+ 9 5.3	1.527	2.507	4.7	19.2
11 7	2 46.00	+ 8 21.0	1.507	2.492	3.2	19.1
11 17	2 35.85	+ 7 44.1	1.514	2.476	6.8	19.3
11 27	2 26.94	+ 7 19.9	1.549	2.460	11.2	19.5
12 7	2 20.24	+ 7 11.8	1.607	2.443	15.1	19.7

309072 2006 VT_{10} 11 6.4 304°.36 0°.3/ 6.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 11.67	+19 16.0	1.929	2.725	15.3	20.7
10 8	3 8.23	+18 55.3	1.839	2.718	12.2	20.5
10 18	3 2.39	+18 22.7	1.770	2.712	8.5	20.3
10 28	2 54.72	+17 39.8	1.726	2.706	4.3	20.0
11 7	2 46.10	+16 50.0	1.710	2.700	0.3	19.7
11 17	2 37.58	+15 58.1	1.722	2.695	4.7	20.0
11 27	2 30.22	+15 9.9	1.761	2.689	8.9	20.3
12 7	2 24.82	+14 30.8	1.826	2.684	12.6	20.5

411602 2011 GY_{45} 11 6.4 285°.52 1°.5/ 5.2 17

9 28	3 11.08	+12 31.8	2.415	3.212	12.5	21.1
10 8	3 7.18	+12 15.9	2.321	3.204	9.9	20.9
10 18	3 1.37	+11 55.1	2.251	3.196	6.7	20.7
10 28	2 54.13	+11 31.5	2.207	3.188	3.4	20.5
11 7	2 46.15	+11 8.0	2.192	3.180	1.6	20.3
11 17	2 38.21	+10 47.7	2.206	3.172	4.6	20.5
11 27	2 31.15	+10 33.8	2.249	3.164	8.0	20.7
12 7	2 25.60	+10 28.8	2.318	3.156	11.0	20.9

471037 2009 TO_{20} 11 6.4 9°.58 4°.1/ 4.1 16

9 28	3 3.01	+13 32.0	0.893	1.768	22.4	20.4
10 8	3 3.29	+12 24.7	0.844	1.771	17.6	20.1
10 18	2 59.88	+11 2.0	0.811	1.775	12.0	19.8
10 28	2 53.67	+ 9 33.1	0.798	1.783	6.3	19.5
11 7	2 46.19	+ 8 10.1	0.806	1.792	4.5	19.5
11 17	2 39.15	+ 7 4.6	0.835	1.804	9.3	19.8
11 27	2 34.14	+ 6 25.3	0.886	1.818	14.7	20.2
12 7	2 32.15	+ 6 14.9	0.954	1.833	19.4	20.5

280012 2001 VR_{72} 11 6.4 324°.46 0°.1/ 6.4 18

9 28	3 11.25	+19 52.3	1.449	2.265	18.5	20.7
10 8	3 8.73	+19 19.5	1.366	2.257	14.8	20.5
10 18	3 3.19	+18 29.9	1.301	2.249	10.3	20.2
10 28	2 55.26	+17 25.4	1.259	2.241	5.2	19.9
11 7	2 46.08	+16 11.4	1.243	2.234	0.3	19.5
11 17	2 37.02	+14 55.5	1.253	2.227	5.8	19.9
11 27	2 29.48	+13 47.0	1.289	2.221	11.0	20.2
12 7	2 24.48	+12 53.2	1.348	2.215	15.5	20.4

327582 2006 DM_{132} 11 6.4 246°.23 2°.6/ 4.2 17

9 28	3 10.82	+ 9 37.2	2.436	3.237	12.3	21.4
10 8	3 6.90	+ 9 4.0	2.346	3.231	9.7	21.2
10 18	3 1.14	+ 8 26.9	2.279	3.225	6.7	21.0
10 28	2 54.01	+ 7 49.1	2.240	3.218	3.7	20.8
11 7	2 46.18	+ 7 14.2	2.229	3.211	2.8	20.8
11 17	2 38.43	+ 6 45.8	2.248	3.205	5.3	20.9
11 27	2 31.54	+ 6 27.3	2.295	3.198	8.4	21.1
12 7	2 26.14	+ 6 20.7	2.367	3.191	11.3	21.3

114885 2003 QG_{16} 11 6.4 345°.10 11°.1/13.5 17

9 28	3 9.95	+40 21.0	1.588	2.319	20.6	17.8
10 8	3 8.58	+41 45.0	1.497	2.302	18.4	17.6
10 18	3 3.70	+42 47.1	1.422	2.286	15.8	17.4
10 28	2 55.80	+43 19.7	1.366	2.272	13.3	17.2
11 7	2 46.05	+43 17.4	1.331	2.259	11.5	17.1
11 17	2 36.11	+42 39.0	1.318	2.247	11.2	17.1
11 27	2 27.83	+41 30.3	1.328	2.237	12.7	17.1
12 7	2 22.63	+40 2.4	1.359	2.229	15.3	17.2

58797 1998 FU_{98} 11 6.4 1°.91 6°.6/10.9 18

9 28	3 13.13	+32 51.9	1.712	2.467	18.5	17.8
10 8	3 10.16	+33 33.4	1.630	2.466	15.7	17.6
10 18	3 4.16	+33 55.6	1.565	2.465	12.5	17.4
10 28	2 55.75	+33 54.6	1.522	2.466	9.2	17.2
11 7	2 46.07	+33 29.1	1.503	2.467	6.8	17.1
11 17	2 36.49	+32 41.6	1.510	2.468	7.2	17.1
11 27	2 28.44	+31 38.9	1.543	2.471	9.8	17.2
12 7	2 22.94	+30 30.4	1.600	2.474	13.1	17.5

162027 1995 UN_{10} 11 6.4 18°.95 0°.8/ 6.9 18

9 28	3 11.85	+20 9.3	1.407	2.223	18.9	19.9
10 8	3 9.14	+19 57.9	1.337	2.228	15.1	19.7
10 18	3 3.39	+19 31.5	1.287	2.233	10.6	19.5
10 28	2 55.31	+18 51.5	1.258	2.239	5.4	19.2
11 7	2 46.11	+18 2.1	1.255	2.246	0.8	18.9
11 17	2 37.19	+17 9.5	1.278	2.253	5.5	19.2
11 27	2 29.91	+16 21.4	1.327	2.262	10.5	19.6
12 7	2 25.21	+15 44.2	1.398	2.271	14.8	19.8

438313 2006 HX_{109} 11 6.4 117°.17 5°.2/11.1 18

9 28	3 18.48	+34 34.7	2.220	2.935	15.8	21.3
10 8	3 13.31	+34 38.8	2.142	2.953	13.3	21.2
10 18	3 5.67	+34 23.9	2.084	2.971	10.5	21.0
10 28	2 56.25	+33 48.1	2.049	2.988	7.5	20.9
11 7	2 46.05	+32 52.1	2.042	3.005	5.4	20.8
11 17	2 36.21	+31 39.6	2.063	3.021	5.7	20.8
11 27	2 27.77	+30 17.4	2.114	3.036	7.9	21.0
12 7	2 21.48	+28 53.4	2.191	3.051	10.7	21.2

224717 2006 BX_{166} 11 6.4 333°.99 5°.5/ 2.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 9.59	+ 2 56.0	2.050	2.867	13.7	19.9
10 8	3 6.24	+ 1 55.2	1.973	2.863	11.0	19.7
10 18	3 0.83	+ 0 53.8	1.918	2.859	8.1	19.6
10 28	2 53.90	− 0 2.4	1.890	2.854	5.9	19.4
11 7	2 46.22	− 0 47.6	1.888	2.851	5.9	19.4
11 17	2 38.67	− 1 17.0	1.915	2.847	8.1	19.5
11 27	2 32.13	− 1 27.7	1.967	2.844	11.0	19.7
12 7	2 27.28	− 1 19.0	2.042	2.841	13.7	19.9

322470 2011 UZ_{177} 11 6.4 109°.15 1°.5/ 5.2 18

9 28	3 14.16	+13 48.2	2.103	2.900	14.1	21.4
10 8	3 9.66	+13 16.3	2.032	2.914	11.1	21.3
10 18	3 3.06	+12 37.4	1.983	2.928	7.5	21.1
10 28	2 54.94	+11 54.6	1.960	2.941	3.7	20.9
11 7	2 46.16	+11 11.8	1.966	2.955	1.7	20.7
11 17	2 37.63	+10 33.2	2.002	2.967	5.0	21.0
11 27	2 30.25	+10 3.1	2.066	2.980	8.6	21.2
12 7	2 24.68	+ 9 44.4	2.155	2.992	11.7	21.5

271569 2004 KP_{8} 11 6.4 196°.77 1°.8/ 7.5 18

9 28	3 19.06	+21 54.2	2.040	2.809	15.4	21.7
10 8	3 14.01	+22 2.8	1.946	2.807	12.5	21.5
10 18	3 6.38	+22 0.1	1.873	2.804	8.9	21.3
10 28	2 56.74	+21 45.7	1.826	2.800	5.0	21.1
11 7	2 46.03	+21 20.6	1.807	2.795	1.8	20.8
11 17	2 35.39	+20 48.0	1.817	2.790	4.5	21.0
11 27	2 25.96	+20 13.0	1.857	2.784	8.5	21.3
12 7	2 18.64	+19 41.0	1.922	2.777	12.2	21.5

70931 1999 VW_{219} 11 6.4 355°.48 3°.7/ 3.6 18

9 28	3 7.88	+13 47.8	1.431	2.266	17.7	18.8
10 8	3 5.85	+12 17.8	1.358	2.262	13.9	18.5
10 18	3 1.04	+10 33.2	1.305	2.260	9.5	18.3
10 28	2 54.13	+ 8 41.4	1.276	2.258	5.1	18.0
11 7	2 46.21	+ 6 52.1	1.273	2.257	4.1	18.0
11 17	2 38.52	+ 5 16.0	1.297	2.256	8.0	18.2
11 27	2 32.28	+ 4 1.7	1.346	2.257	12.5	18.5
12 7	2 28.35	+ 3 13.8	1.416	2.258	16.4	18.7

35744 1999 GF_{30} 11 6.4 159°.11 1°.2/ 5.6 18

9 28	3 17.24	+16 9.7	1.590	2.396	17.6	19.9
10 8	3 12.97	+15 35.5	1.513	2.400	13.9	19.7
10 18	3 5.81	+14 49.6	1.457	2.404	9.5	19.4
10 28	2 56.47	+13 55.0	1.425	2.407	4.7	19.2
11 7	2 46.07	+12 57.0	1.420	2.410	1.4	19.0
11 17	2 35.92	+12 2.0	1.443	2.413	6.0	19.3
11 27	2 27.31	+11 16.7	1.493	2.415	10.7	19.6
12 7	2 21.15	+10 46.1	1.567	2.416	14.7	19.8

98699 2000 XW_{28} 11 6.4 63°.95 3°.8/ 4.8 18

9 28	3 20.90	+ 6 9.3	1.559	2.371	17.6	18.1
10 8	3 15.50	+ 6 8.1	1.504	2.392	13.9	17.9
10 18	3 7.29	+ 6 7.4	1.469	2.414	9.6	17.7
10 28	2 57.07	+ 6 10.7	1.458	2.435	5.5	17.5
11 7	2 46.04	+ 6 21.1	1.475	2.457	4.0	17.5
11 17	2 35.49	+ 6 41.2	1.520	2.479	7.1	17.7
11 27	2 26.61	+ 7 12.4	1.591	2.501	11.0	18.0
12 7	2 20.20	+ 7 54.6	1.687	2.522	14.5	18.3

392386 2010 JZ_{39} 11 6.4 187°.17 2°.8/ 3.8 18

9 28	3 13.09	+11 23.6	2.310	3.107	13.0	22.1
10 8	3 8.73	+10 18.0	2.223	3.107	10.2	22.0
10 18	3 2.40	+ 9 5.4	2.161	3.106	7.0	21.8
10 28	2 54.64	+ 7 49.8	2.126	3.104	3.9	21.6
11 7	2 46.19	+ 6 36.7	2.121	3.102	3.1	21.5
11 17	2 37.89	+ 5 31.5	2.146	3.099	5.8	21.7
11 27	2 30.57	+ 4 39.0	2.199	3.096	9.1	21.9
12 7	2 24.87	+ 4 2.3	2.278	3.092	12.0	22.1

265299 2004 GK_{60} 11 6.4 176°.64 2°.7/ 8.0 18

9 28	3 19.17	+23 38.8	1.824	2.597	16.9	20.9
10 8	3 14.42	+23 57.9	1.738	2.598	13.7	20.7
10 18	3 6.83	+24 4.1	1.672	2.600	10.0	20.4
10 28	2 57.02	+23 55.9	1.629	2.600	5.9	20.2
11 7	2 46.05	+23 34.0	1.615	2.601	2.8	20.0
11 17	2 35.18	+23 1.6	1.629	2.601	5.0	20.2
11 27	2 25.73	+22 24.3	1.670	2.600	9.1	20.4
12 7	2 18.65	+21 48.8	1.738	2.599	12.9	20.6

92099 1999 XJ_{41} 11 6.4 317°.65 0°.8/ 5.8 18

9 28	3 9.42	+17 35.9	2.053	2.853	14.3	18.9
10 8	3 6.27	+16 51.8	1.962	2.846	11.3	18.7
10 18	3 0.96	+15 56.1	1.893	2.839	7.8	18.5
10 28	2 54.02	+14 51.5	1.850	2.832	3.8	18.2
11 7	2 46.25	+13 42.7	1.835	2.825	0.9	18.0
11 17	2 38.58	+12 35.3	1.849	2.819	4.8	18.3
11 27	2 31.96	+11 35.3	1.891	2.812	8.8	18.5
12 7	2 27.12	+10 47.5	1.958	2.806	12.3	18.7

79102 1981 EP_{31} 11 6.4 64°.21 1°.2/ 7.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 19.55	+19 51.0	1.425	2.227	19.4	19.0
10 8	3 14.90	+19 57.3	1.370	2.251	15.4	18.8
10 18	3 7.10	+19 50.4	1.334	2.276	10.7	18.6
10 28	2 57.04	+19 31.0	1.321	2.300	5.6	18.4
11 7	2 46.06	+19 1.9	1.335	2.325	1.2	18.1
11 17	2 35.62	+18 28.3	1.375	2.350	5.4	18.5
11 27	2 27.07	+17 56.6	1.442	2.374	10.1	18.8
12 7	2 21.26	+17 32.7	1.533	2.399	14.1	19.1

361813 2008 CN_{71} 11 6.4 307°.34 4°.2/ 4.0 18

9 28	3 13.40	+ 6 36.2	1.735	2.554	15.8	20.9
10 8	3 9.91	+ 6 11.9	1.641	2.534	12.6	20.6
10 18	3 3.80	+ 5 45.5	1.568	2.515	8.9	20.4
10 28	2 55.57	+ 5 21.4	1.519	2.495	5.4	20.1
11 7	2 46.14	+ 5 4.4	1.497	2.476	4.5	20.0
11 17	2 36.65	+ 4 59.2	1.502	2.458	7.6	20.2
11 27	2 28.32	+ 5 9.2	1.533	2.439	11.6	20.4
12 7	2 22.10	+ 5 35.6	1.587	2.421	15.4	20.6

444782 2007 TC_{59} 11 6.4 321°.26 4°.9/ 2.5 18

9 28	3 9.95	+ 9 15.0	1.661	2.488	16.0	20.9
10 8	3 7.07	+ 7 44.2	1.583	2.483	12.6	20.7
10 18	3 1.69	+ 6 4.5	1.527	2.477	8.9	20.5
10 28	2 54.42	+ 4 23.1	1.496	2.472	5.6	20.3
11 7	2 46.22	+ 2 49.0	1.493	2.467	5.4	20.3
11 17	2 38.19	+ 1 30.6	1.516	2.463	8.5	20.4
11 27	2 31.42	+ 0 34.6	1.565	2.458	12.3	20.7
12 7	2 26.73	+ 0 3.5	1.636	2.454	15.7	20.9

40078 1998 ML_{8} 11 6.4 36°.63 4°.9/ 3.1 18

9 28	3 10.45	+11 47.3	1.240	2.083	19.4	17.8
10 8	3 7.81	+10 1.7	1.198	2.106	15.0	17.6
10 18	3 2.21	+ 8 6.6	1.176	2.131	10.2	17.5
10 28	2 54.58	+ 6 12.0	1.177	2.157	5.9	17.3
11 7	2 46.23	+ 4 29.0	1.204	2.183	5.3	17.3
11 17	2 38.48	+ 3 7.3	1.256	2.210	8.9	17.6
11 27	2 32.50	+ 2 12.9	1.332	2.238	13.0	17.9
12 7	2 28.99	+ 1 46.8	1.429	2.266	16.6	18.2

324836 2007 JD_{12} 11 6.4 226°.13 4°.5/ 2.1 18

9 28	3 8.92	+ 5 58.1	2.318	3.130	12.5	20.8
10 8	3 5.44	+ 4 39.7	2.241	3.129	9.9	20.7
10 18	3 0.14	+ 3 18.1	2.187	3.129	7.1	20.5
10 28	2 53.52	+ 1 58.5	2.160	3.129	4.9	20.4
11 7	2 46.29	+ 0 46.8	2.162	3.128	4.9	20.4
11 17	2 39.19	− 0 11.8	2.193	3.128	7.0	20.5
11 27	2 33.00	− 0 53.2	2.251	3.128	9.8	20.7
12 7	2 28.31	− 1 16.1	2.334	3.127	12.4	20.9

103624 2000 CF_{27} 11 6.4 189°.64 0°.6/ 6.9 18

9 28	3 14.35	+20 10.8	2.588	3.357	12.5	20.8
10 8	3 9.62	+19 52.3	2.493	3.356	10.0	20.7
10 18	3 2.99	+19 24.1	2.420	3.354	7.0	20.5
10 28	2 54.95	+18 47.3	2.374	3.351	3.6	20.2
11 7	2 46.20	+18 4.3	2.358	3.348	0.6	20.0
11 17	2 37.55	+17 18.3	2.373	3.345	3.7	20.2
11 27	2 29.81	+16 33.8	2.418	3.340	7.0	20.5
12 7	2 23.63	+15 54.9	2.490	3.335	10.1	20.6

407635 2011 DB_{9} 11 6.4 264°.66 4°.8/ 9.7 17

9 28	3 17.43	+30 10.0	2.524	3.251	13.8	20.7
10 8	3 12.59	+30 59.6	2.416	3.238	11.7	20.5
10 18	3 5.40	+31 38.0	2.331	3.226	9.1	20.3
10 28	2 56.32	+32 2.3	2.270	3.214	6.6	20.1
11 7	2 46.12	+32 10.9	2.237	3.201	4.9	20.0
11 17	2 35.78	+32 4.1	2.233	3.189	5.5	20.0
11 27	2 26.37	+31 45.1	2.259	3.176	7.8	20.1
12 7	2 18.76	+31 18.8	2.311	3.163	10.5	20.3

177509 2004 EM_{59} 11 6.4 221°.74 3°.3/ 9.1 18

9 28	3 14.50	+28 7.0	2.292	3.041	14.5	21.4
10 8	3 10.26	+28 9.4	2.193	3.035	12.0	21.2
10 18	3 3.72	+27 57.2	2.114	3.028	9.0	21.0
10 28	2 55.42	+27 29.4	2.061	3.022	5.8	20.8
11 7	2 46.19	+26 46.8	2.035	3.015	3.4	20.7
11 17	2 37.03	+25 52.5	2.038	3.007	4.6	20.7
11 27	2 28.95	+24 52.0	2.071	2.999	7.7	20.9
12 7	2 22.74	+23 51.6	2.130	2.991	10.9	21.1

64355 2001 UY_{84} 11 6.4 11°.43 1°.0/ 6.9 18

9 28	3 8.88	+20 21.2	0.930	1.783	23.6	17.9
10 8	3 8.16	+20 12.6	0.874	1.785	18.9	17.6
10 18	3 3.44	+19 43.4	0.833	1.789	13.3	17.3
10 28	2 55.58	+18 55.5	0.811	1.794	6.8	17.0
11 7	2 46.18	+17 54.8	0.810	1.801	1.0	16.7
11 17	2 37.19	+16 50.8	0.831	1.809	6.9	17.1
11 27	2 30.45	+15 55.0	0.875	1.819	13.0	17.5
12 7	2 27.10	+15 15.9	0.937	1.830	18.3	17.8

305080 2007 US_{118} 11 6.4 141°.80 1°.8/ 5.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 17.09	+11 6.8	1.969	2.768	14.9	20.5
10 8	3 12.29	+11 6.3	1.888	2.770	11.7	20.3
10 18	3 5.08	+11 2.1	1.828	2.773	8.1	20.1
10 28	2 56.07	+10 56.4	1.795	2.775	4.1	19.9
11 7	2 46.16	+10 51.7	1.790	2.778	1.9	19.7
11 17	2 36.38	+10 51.0	1.814	2.780	5.4	20.0
11 27	2 27.80	+10 57.1	1.866	2.782	9.2	20.2
12 7	2 21.22	+11 12.1	1.944	2.784	12.7	20.4

12950 4321 T_{-1} 11 6.4 283°.12 0°.4/ 6.1 18

9 28	3 13.94	+16 23.7	1.837	2.639	15.7	18.7
10 8	3 10.29	+16 13.2	1.739	2.623	12.5	18.4
10 18	3 4.03	+15 53.3	1.662	2.607	8.7	18.2
10 28	2 55.69	+15 25.6	1.609	2.591	4.3	17.9
11 7	2 46.17	+14 53.0	1.584	2.575	0.6	17.6
11 17	2 36.62	+14 20.0	1.587	2.559	5.2	17.9
11 27	2 28.21	+13 51.6	1.618	2.543	9.7	18.1
12 7	2 21.91	+13 32.6	1.672	2.527	13.7	18.3

457972 2009 VO_{94} 11 6.4 344°.75 0°.2/ 6.5 17

9 28	3 11.53	+16 57.2	1.879	2.683	15.3	21.6
10 8	3 8.23	+17 2.2	1.792	2.676	12.2	21.3
10 18	3 2.49	+16 59.1	1.725	2.669	8.5	21.1
10 28	2 54.87	+16 48.8	1.682	2.663	4.3	20.8
11 7	2 46.24	+16 33.5	1.667	2.658	0.3	20.5
11 17	2 37.65	+16 16.5	1.680	2.654	4.7	20.9
11 27	2 30.22	+16 2.0	1.720	2.650	8.9	21.1
12 7	2 24.77	+15 54.0	1.785	2.646	12.6	21.3

421955 2014 QF_{267} 11 6.4 87°.33 4°.7/ 2.0 18

9 28	3 11.11	+ 3 21.5	2.447	3.251	12.2	21.1
10 8	3 6.84	+ 2 12.5	2.392	3.275	9.6	21.0
10 18	3 0.90	+ 1 3.7	2.361	3.298	7.0	20.9
10 28	2 53.83	+ 0 0.3	2.358	3.320	5.0	20.8
11 7	2 46.32	− 0 53.1	2.383	3.343	5.0	20.8
11 17	2 39.07	− 1 32.5	2.438	3.365	6.9	21.0
11 27	2 32.77	− 1 55.6	2.520	3.387	9.2	21.2
12 7	2 27.94	− 2 2.0	2.626	3.408	11.5	21.4

354456 2004 BA_{28} 11 6.4 179°.23 3°.8/ 9.6 18

9 28	3 16.32	+29 43.5	2.471	3.203	14.0	21.6
10 8	3 11.49	+29 56.4	2.376	3.205	11.6	21.4
10 18	3 4.45	+29 55.3	2.302	3.206	8.8	21.2
10 28	2 55.75	+29 38.7	2.253	3.206	6.0	21.1
11 7	2 46.19	+29 7.1	2.232	3.206	3.9	20.9
11 17	2 36.73	+28 22.7	2.241	3.205	4.7	21.0
11 27	2 28.33	+27 30.5	2.280	3.204	7.3	21.2
12 7	2 21.75	+26 36.1	2.345	3.203	10.2	21.3

120570 1995 GK_{2} 11 6.4 103°.36 2°.1/ 4.6 18

9 28	3 11.09	+11 13.0	2.531	3.328	12.0	21.1
10 8	3 6.91	+10 37.5	2.458	3.341	9.4	20.9
10 18	3 1.02	+ 9 57.8	2.409	3.354	6.4	20.7
10 28	2 53.93	+ 9 16.6	2.387	3.367	3.4	20.6
11 7	2 46.31	+ 8 37.6	2.394	3.379	2.2	20.5
11 17	2 38.87	+ 8 4.2	2.432	3.392	4.7	20.7
11 27	2 32.34	+ 7 39.6	2.498	3.404	7.7	20.9
12 7	2 27.25	+ 7 25.8	2.590	3.416	10.4	21.1

406757 2008 JP_{34} 11 6.4 122°.06 2°.9/ 3.7 18

9 28	3 10.50	+10 46.5	2.301	3.105	12.8	21.2
10 8	3 6.66	+ 9 42.8	2.225	3.112	10.0	21.1
10 18	3 0.97	+ 8 33.2	2.172	3.119	6.9	20.9
10 28	2 53.94	+ 7 22.0	2.147	3.125	3.9	20.7
11 7	2 46.31	+ 6 14.4	2.151	3.131	3.2	20.7
11 17	2 38.86	+ 5 15.5	2.184	3.137	5.7	20.8
11 27	2 32.39	+ 4 29.5	2.245	3.143	8.8	21.0
12 7	2 27.47	+ 3 59.0	2.332	3.149	11.7	21.2

263179 2007 XP_{33} 11 6.4 339°.54 0°.1/ 6.4 18

9 28	3 14.38	+16 7.8	1.161	1.996	21.0	20.6
10 8	3 12.01	+16 18.4	1.086	1.988	16.8	20.3
10 18	3 5.96	+16 18.5	1.028	1.981	11.7	20.0
10 28	2 56.89	+16 9.1	0.991	1.975	5.9	19.6
11 7	2 46.12	+15 53.1	0.978	1.969	0.4	19.2
11 17	2 35.42	+15 35.7	0.989	1.964	6.7	19.6
11 27	2 26.59	+15 23.3	1.024	1.960	12.6	20.0
12 7	2 20.93	+15 21.7	1.079	1.958	17.7	20.2

442429 2011 UX_{138} 11 6.4 27°.42 0°.5/ 6.7 18

9 28	3 13.96	+18 22.0	1.702	2.504	16.7	21.2
10 8	3 10.30	+18 22.5	1.625	2.508	13.3	21.0
10 18	3 3.97	+18 12.6	1.569	2.513	9.3	20.8
10 28	2 55.60	+17 53.1	1.537	2.517	4.7	20.5
11 7	2 46.23	+17 26.9	1.532	2.523	0.5	20.2
11 17	2 37.05	+16 58.0	1.554	2.528	4.9	20.6
11 27	2 29.24	+16 31.6	1.604	2.534	9.4	20.9
12 7	2 23.68	+16 12.7	1.678	2.540	13.2	21.1

214844 2006 WM_{45} 11 6.4 65°.63 1°.9/ 5.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 12.28	+13 32.4	1.891	2.699	15.1	20.8
10 8	3 8.54	+12 54.0	1.817	2.706	11.8	20.6
10 18	3 2.50	+12 7.8	1.765	2.713	8.0	20.4
10 28	2 54.79	+11 17.2	1.738	2.720	4.0	20.1
11 7	2 46.29	+10 27.1	1.739	2.727	2.1	20.0
11 17	2 38.01	+ 9 42.6	1.768	2.734	5.6	20.3
11 27	2 30.94	+ 9 8.6	1.825	2.741	9.4	20.5
12 7	2 25.80	+ 8 48.2	1.907	2.748	12.8	20.8

44321 1998 RY_{42} 11 6.4 292°.44 7°.1/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 10.21	+ 3 29.5	1.806	2.630	15.0	18.6
10 8	3 7.02	+ 1 25.7	1.733	2.626	12.0	18.4
10 18	3 1.53	− 0 42.5	1.684	2.623	9.1	18.2
10 28	2 54.34	− 2 45.8	1.661	2.619	7.2	18.1
11 7	2 46.32	− 4 34.2	1.666	2.616	7.7	18.1
11 17	2 38.49	− 5 59.6	1.698	2.613	10.2	18.3
11 27	2 31.81	− 6 56.8	1.755	2.610	13.2	18.5
12 7	2 27.04	− 7 24.8	1.834	2.607	16.1	18.7

33802 1999 VA_{203} 11 6.4 66°.79 5°.6/ 2.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 12.07	+ 1 32.3	2.075	2.887	13.8	17.8
10 8	3 8.06	+ 0 41.8	2.009	2.894	11.0	17.6
10 18	3 2.01	− 0 7.0	1.965	2.901	8.2	17.5
10 28	2 54.49	− 0 48.8	1.947	2.909	6.0	17.3
11 7	2 46.32	− 1 18.6	1.956	2.916	5.9	17.3
11 17	2 38.36	− 1 32.6	1.993	2.924	7.9	17.5
11 27	2 31.48	− 1 28.9	2.057	2.931	10.7	17.7
12 7	2 26.32	− 1 7.4	2.143	2.939	13.3	17.9

367717 2010 TW_{115} 11 6.4 11°.28 1°.9/ 7.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 11.91	+23 57.2	1.189	2.009	21.5	20.1
10 8	3 9.89	+23 33.7	1.120	2.010	17.4	19.9
10 18	3 4.32	+22 47.2	1.067	2.012	12.4	19.6
10 28	2 55.95	+21 38.5	1.035	2.014	6.8	19.3
11 7	2 46.22	+20 12.9	1.027	2.017	2.0	19.0
11 17	2 36.81	+18 40.0	1.044	2.020	6.1	19.3
11 27	2 29.35	+17 11.9	1.085	2.025	11.7	19.6
12 7	2 24.91	+15 58.8	1.148	2.030	16.6	19.9

318890 2005 TX_{154} 11 6.4 317°.16 2°.6/ 8.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 13.24	+24 49.3	2.046	2.818	15.3	21.6
10 8	3 9.48	+24 55.8	1.956	2.815	12.5	21.4
10 18	3 3.30	+24 49.0	1.886	2.812	9.1	21.2
10 28	2 55.27	+24 28.2	1.840	2.810	5.5	21.0
11 7	2 46.28	+23 54.8	1.822	2.807	2.7	20.8
11 17	2 37.36	+23 12.0	1.832	2.805	4.5	20.9
11 27	2 29.61	+22 25.3	1.871	2.802	8.2	21.2
12 7	2 23.84	+21 40.7	1.935	2.800	11.6	21.4

64041 2001 SF_{232} 11 6.4 310°.03 0°.7/ 6.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 13.82	+18 34.0	1.457	2.271	18.5	19.4
10 8	3 11.00	+18 39.2	1.366	2.255	14.9	19.1
10 18	3 5.00	+18 32.5	1.293	2.239	10.5	18.8
10 28	2 56.37	+18 14.3	1.242	2.223	5.5	18.5
11 7	2 46.20	+17 46.9	1.217	2.208	0.8	18.1
11 17	2 35.93	+17 14.8	1.218	2.193	5.8	18.4
11 27	2 27.13	+16 44.7	1.245	2.179	11.1	18.7
12 7	2 20.97	+16 22.9	1.294	2.165	15.8	18.9

227053 2005 CP_{76} 11 6.4 310°.06 1°.1/ 5.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 8.98	+16 13.4	2.139	2.941	13.8	20.1
10 8	3 5.91	+15 32.5	2.042	2.928	10.9	19.9
10 18	3 0.74	+14 41.4	1.968	2.914	7.5	19.6
10 28	2 53.98	+13 42.9	1.919	2.901	3.7	19.4
11 7	2 46.37	+12 41.1	1.898	2.888	1.2	19.2
11 17	2 38.81	+11 41.3	1.906	2.875	4.9	19.4
11 27	2 32.20	+10 49.1	1.943	2.862	8.7	19.6
12 7	2 27.29	+10 8.7	2.004	2.850	12.1	19.8

98901 2001 BB_{51} 11 6.4 318°.02 14°.2/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 12.93	−17 42.3	1.662	2.455	17.4	19.2
10 8	3 9.48	−19 33.8	1.609	2.447	15.8	19.0
10 18	3 3.38	−21 8.6	1.576	2.439	14.6	18.9
10 28	2 55.31	−22 15.4	1.564	2.431	14.3	18.9
11 7	2 46.30	−22 45.9	1.573	2.424	14.9	18.9
11 17	2 37.52	−22 36.0	1.602	2.417	16.3	19.0
11 27	2 30.13	−21 46.8	1.651	2.411	18.1	19.1
12 7	2 24.94	−20 23.4	1.716	2.404	20.0	19.3

128984 2004 TP_{204} 11 6.4 19°.70 0°.2/ 6.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 11.89	+18 25.6	2.254	3.041	13.6	20.4
10 8	3 8.01	+18 13.4	2.166	3.041	10.8	20.2
10 18	3 2.07	+17 52.2	2.101	3.041	7.5	20.0
10 28	2 54.59	+17 23.2	2.062	3.042	3.8	19.7
11 7	2 46.35	+16 49.1	2.051	3.042	0.3	19.4
11 17	2 38.21	+16 13.4	2.070	3.042	4.1	19.8
11 27	2 31.08	+15 40.3	2.117	3.042	7.7	20.0
12 7	2 25.63	+15 13.9	2.190	3.043	11.0	20.2

341890 2008 HK_{12} 11 6.4 220°.79 0°.2/ 6.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 18.50	+15 49.6	1.613	2.416	17.5	20.9
10 8	3 14.15	+15 55.6	1.530	2.413	13.9	20.6
10 18	3 6.81	+15 53.4	1.466	2.411	9.7	20.4
10 28	2 57.13	+15 43.9	1.427	2.408	4.8	20.1
11 7	2 46.19	+15 29.6	1.415	2.405	0.4	19.7
11 17	2 35.34	+15 14.1	1.430	2.402	5.5	20.1
11 27	2 25.96	+15 2.3	1.473	2.399	10.3	20.4
12 7	2 19.07	+14 58.6	1.539	2.396	14.5	20.7

182008 1999 XE_{69} 11 6.4 25°.55 0°.7/ 6.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 12.07	+19 39.9	1.074	1.912	22.1	19.4
10 8	3 10.08	+19 29.2	1.019	1.922	17.6	19.2
10 18	3 4.42	+19 1.1	0.981	1.933	12.2	18.9
10 28	2 55.97	+18 17.7	0.963	1.945	6.2	18.6
11 7	2 46.27	+17 24.4	0.968	1.959	0.7	18.3
11 17	2 37.04	+16 29.4	0.997	1.974	6.4	18.8
11 27	2 29.92	+15 42.0	1.050	1.989	12.0	19.1
12 7	2 25.90	+15 9.1	1.123	2.006	16.8	19.5

214623 2006 RT_{84} 11 6.4 100°.36 0°.5/ 6.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 14.05	+19 22.0	1.979	2.768	15.2	21.0
10 8	3 9.97	+19 10.6	1.898	2.773	12.1	20.8
10 18	3 3.54	+18 48.6	1.839	2.779	8.4	20.6
10 28	2 55.35	+18 17.0	1.805	2.785	4.3	20.4
11 7	2 46.31	+17 38.7	1.799	2.790	0.5	20.1
11 17	2 37.46	+16 57.9	1.822	2.795	4.4	20.4
11 27	2 29.81	+16 19.7	1.873	2.801	8.4	20.7
12 7	2 24.13	+15 48.9	1.950	2.806	12.0	20.9

265280 2004 FU_{80} 11 6.4 188°.91 2°.4/ 4.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 17.55	+11 13.5	2.138	2.931	14.1	21.4
10 8	3 12.47	+10 41.7	2.050	2.930	11.1	21.2
10 18	3 5.15	+10 4.4	1.985	2.928	7.6	21.0
10 28	2 56.14	+ 9 24.6	1.947	2.926	4.0	20.7
11 7	2 46.28	+ 8 46.3	1.938	2.923	2.5	20.6
11 17	2 36.54	+ 8 14.0	1.959	2.919	5.6	20.8
11 27	2 27.90	+ 7 51.4	2.008	2.914	9.3	21.1
12 7	2 21.11	+ 7 41.3	2.083	2.909	12.5	21.3

422134 2014 QY_{423} 11 6.4 353°.12 1°.6/ 5.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 9.06	+15 15.9	2.139	2.942	13.7	21.0
10 8	3 5.84	+14 22.1	2.054	2.941	10.8	20.8
10 18	3 0.60	+13 18.7	1.992	2.940	7.3	20.6
10 28	2 53.87	+12 9.2	1.957	2.939	3.6	20.3
11 7	2 46.42	+10 58.5	1.950	2.938	1.8	20.2
11 17	2 39.11	+ 9 52.4	1.972	2.938	5.1	20.4
11 27	2 32.82	+ 8 56.1	2.023	2.937	8.7	20.7
12 7	2 28.18	+ 8 13.7	2.098	2.937	11.9	20.9

141702 2002 LG_{4} 11 6.4 77°.53 2°.3/ 5.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 19.93	+13 23.3	1.408	2.222	19.0	20.4
10 8	3 15.01	+12 48.2	1.358	2.249	14.8	20.3
10 18	3 7.08	+12 4.6	1.327	2.276	10.1	20.0
10 28	2 57.05	+11 16.9	1.320	2.302	5.0	19.8
11 7	2 46.23	+10 30.9	1.340	2.328	2.5	19.7
11 17	2 36.03	+ 9 52.6	1.387	2.354	6.6	20.1
11 27	2 27.68	+ 9 27.3	1.460	2.379	11.1	20.4
12 7	2 21.98	+ 9 17.8	1.557	2.404	14.9	20.7

36053 1999 RY_{23} 11 6.4 112°.91 4°.4/ 2.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 11.32	+ 4 55.6	2.281	3.089	12.8	19.1
10 8	3 7.29	+ 3 56.8	2.212	3.098	10.1	18.9
10 18	3 1.41	+ 2 56.8	2.166	3.106	7.3	18.8
10 28	2 54.20	+ 2 0.4	2.147	3.115	4.9	18.6
11 7	2 46.40	+ 1 12.5	2.156	3.124	4.7	18.6
11 17	2 38.80	+ 0 37.3	2.194	3.132	6.9	18.8
11 27	2 32.18	+ 0 17.8	2.259	3.140	9.6	19.0
12 7	2 27.12	+ 0 14.8	2.349	3.148	12.2	19.2

493087 2014 SC_{318} 11 6.4 355°.36 0°.4/ 6.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 11.64	+17 56.1	2.033	2.829	14.6	20.9
10 8	3 8.11	+17 59.0	1.947	2.827	11.6	20.7
10 18	3 2.31	+17 53.5	1.883	2.825	8.1	20.5
10 28	2 54.78	+17 40.3	1.843	2.823	4.1	20.3
11 7	2 46.37	+17 21.7	1.831	2.822	0.5	20.0
11 17	2 38.04	+17 0.7	1.848	2.822	4.3	20.3
11 27	2 30.79	+16 41.5	1.893	2.822	8.3	20.5
12 7	2 25.39	+16 27.9	1.963	2.822	11.8	20.7

343851 2011 HA_{44} 11 6.4 123°.71 1°.8/ 5.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 15.53	+13 55.9	1.739	2.546	16.3	21.7
10 8	3 11.34	+13 22.5	1.665	2.553	12.8	21.5
10 18	3 4.57	+12 40.6	1.612	2.559	8.7	21.3
10 28	2 55.89	+11 53.4	1.584	2.566	4.3	21.0
11 7	2 46.31	+11 5.9	1.584	2.572	2.0	20.9
11 17	2 36.97	+10 23.4	1.611	2.578	5.8	21.2
11 27	2 29.00	+ 9 51.3	1.666	2.584	10.0	21.4
12 7	2 23.21	+ 9 33.1	1.745	2.589	13.7	21.7

70590 1999 TY_{173} 11 6.4 27°.76 1°.5/ 5.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 13.23	+14 23.3	1.452	2.274	18.1	19.3
10 8	3 10.04	+14 4.7	1.385	2.282	14.3	19.1
10 18	3 3.93	+13 37.0	1.339	2.289	9.7	18.9
10 28	2 55.64	+13 3.4	1.315	2.298	4.8	18.6
11 7	2 46.32	+12 28.6	1.317	2.307	1.7	18.4
11 17	2 37.30	+11 57.9	1.346	2.317	6.1	18.7
11 27	2 29.86	+11 37.0	1.401	2.327	10.8	19.0
12 7	2 24.87	+11 29.4	1.478	2.338	14.8	19.3

206432 2003 SY_{181} 11 6.4 23°.11 7°.0/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 10.07	+ 5 4.3	0.936	1.804	22.2	18.6
10 8	3 8.25	+ 4 6.9	0.908	1.827	17.5	18.4
10 18	3 2.87	+ 3 10.6	0.896	1.853	12.4	18.2
10 28	2 55.05	+ 2 25.2	0.904	1.880	8.1	18.1
11 7	2 46.37	+ 1 58.9	0.933	1.909	7.4	18.2
11 17	2 38.47	+ 1 56.8	0.985	1.941	10.6	18.5
11 27	2 32.71	+ 2 19.9	1.059	1.973	14.7	18.8
12 7	2 29.85	+ 3 5.4	1.151	2.007	18.5	19.2

179612 2002 OT_{29} 11 6.4 75°.08 1°.7/ 5.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 17.95	+15 13.2	1.394	2.210	19.1	21.0
10 8	3 13.61	+14 36.0	1.339	2.232	15.0	20.8
10 18	3 6.23	+13 47.9	1.304	2.253	10.1	20.6
10 28	2 56.69	+12 53.1	1.292	2.274	5.0	20.4
11 7	2 46.27	+11 57.6	1.306	2.296	1.9	20.2
11 17	2 36.39	+11 8.3	1.348	2.317	6.4	20.6
11 27	2 28.34	+10 31.4	1.415	2.338	11.0	20.9
12 7	2 22.92	+10 10.8	1.506	2.358	15.0	21.2

271187 2003 SJ_{304} 11 6.4 330°.29 5°.4/ 1.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 6.44	+ 7 3.8	1.833	2.663	14.6	19.5
10 8	3 4.20	+ 5 29.4	1.747	2.646	11.6	19.2
10 18	2 59.74	+ 3 47.6	1.682	2.630	8.4	19.0
10 28	2 53.56	+ 2 5.6	1.644	2.615	5.8	18.8
11 7	2 46.49	+ 0 31.9	1.633	2.601	5.9	18.8
11 17	2 39.48	− 0 45.7	1.649	2.587	8.7	18.9
11 27	2 33.50	− 1 40.9	1.690	2.573	12.1	19.1
12 7	2 29.34	− 2 11.3	1.753	2.561	15.3	19.3

46435 2002 KY_{4} 11 6.4 158°.98 1°.4/ 5.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 15.04	+14 13.4	2.162	2.955	13.9	19.8
10 8	3 10.45	+13 41.9	2.081	2.960	11.0	19.6
10 18	3 3.73	+13 3.0	2.022	2.966	7.5	19.4
10 28	2 55.43	+12 19.4	1.989	2.970	3.7	19.2
11 7	2 46.39	+11 34.9	1.986	2.975	1.6	19.1
11 17	2 37.52	+10 53.9	2.012	2.978	4.9	19.3
11 27	2 29.75	+10 20.7	2.067	2.982	8.6	19.5
12 7	2 23.77	+ 9 58.6	2.148	2.984	11.8	19.8

346626 2008 WJ_{113} 11 6.4 292°.49 1°.9/ 5.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 14.48	+12 45.7	1.697	2.509	16.4	20.8
10 8	3 10.98	+12 30.9	1.599	2.489	13.0	20.6
10 18	3 4.71	+12 9.1	1.521	2.469	9.0	20.3
10 28	2 56.18	+11 42.8	1.468	2.450	4.6	20.0
11 7	2 46.33	+11 15.8	1.441	2.430	2.1	19.8
11 17	2 36.38	+10 52.9	1.442	2.410	6.2	20.0
11 27	2 27.62	+10 38.9	1.470	2.391	10.8	20.2
12 7	2 21.10	+10 37.7	1.521	2.371	15.0	20.4

282215 2001 XY_{78} 11 6.4 35°.50 5°.0/ 3.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 14.91	+ 3 11.5	1.865	2.677	15.1	19.8
10 8	3 10.61	+ 2 46.4	1.794	2.682	12.0	19.6
10 18	3 3.96	+ 2 22.9	1.745	2.686	8.7	19.4
10 28	2 55.59	+ 2 5.5	1.721	2.691	5.8	19.3
11 7	2 46.39	+ 1 58.6	1.724	2.696	5.2	19.3
11 17	2 37.40	+ 2 5.4	1.755	2.701	7.6	19.4
11 27	2 29.64	+ 2 27.6	1.813	2.706	10.9	19.6
12 7	2 23.86	+ 3 4.9	1.894	2.712	13.9	19.8

362885 2012 BF_{109} 11 6.4 299°.54 1°.5/ 5.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 12.21	+13 30.8	2.063	2.866	14.2	21.4
10 8	3 8.46	+13 7.6	1.977	2.862	11.2	21.2
10 18	3 2.51	+12 37.6	1.912	2.858	7.6	20.9
10 28	2 54.90	+12 3.4	1.873	2.854	3.8	20.7
11 7	2 46.44	+11 28.7	1.862	2.850	1.7	20.5
11 17	2 38.08	+10 57.5	1.880	2.847	5.1	20.8
11 27	2 30.77	+10 34.1	1.926	2.843	8.9	21.0
12 7	2 25.26	+10 21.5	1.996	2.840	12.3	21.2

133299 2003 SC_{39} 11 6.4 67°.51 0°.1/ 6.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 12.50	+21 7.6	1.718	2.515	16.8	20.0
10 8	3 9.06	+20 8.1	1.642	2.522	13.3	19.8
10 18	3 3.05	+18 51.7	1.587	2.530	9.2	19.5
10 28	2 55.17	+17 21.7	1.557	2.537	4.6	19.3
11 7	2 46.45	+15 44.4	1.554	2.545	0.3	19.0
11 17	2 38.03	+14 7.8	1.580	2.553	5.1	19.4
11 27	2 31.01	+12 40.4	1.635	2.561	9.6	19.6
12 7	2 26.15	+11 29.0	1.713	2.568	13.4	19.9

12404 1995 QW_{3} 11 6.4 52°.55 5°.6/11.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 15.82	+36 39.3	1.335	2.092	22.6	18.0
10 8	3 12.71	+35 47.1	1.267	2.107	19.1	17.8
10 18	3 5.97	+34 19.3	1.216	2.123	14.7	17.6
10 28	2 56.66	+32 14.3	1.185	2.139	10.0	17.4
11 7	2 46.37	+29 37.8	1.179	2.155	6.1	17.2
11 17	2 36.79	+26 42.5	1.200	2.172	6.5	17.3
11 27	2 29.42	+23 46.0	1.249	2.189	10.5	17.6
12 7	2 25.08	+21 4.6	1.324	2.206	14.7	17.9

236548 2006 HW_{48} 11 6.4 86°.82 5°.3/ 2.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 14.06	+ 5 55.9	1.865	2.678	15.0	20.2
10 8	3 9.69	+ 4 26.1	1.812	2.701	11.8	20.1
10 18	3 3.14	+ 2 54.0	1.782	2.724	8.4	19.9
10 28	2 55.09	+ 1 26.5	1.779	2.747	5.8	19.8
11 7	2 46.46	+ 0 11.1	1.803	2.769	5.7	19.8
11 17	2 38.23	− 0 46.6	1.856	2.791	8.1	20.0
11 27	2 31.28	− 1 23.0	1.935	2.813	11.1	20.3
12 7	2 26.25	− 1 37.4	2.038	2.834	13.9	20.5

299183 2005 GN_{105} 11 6.5 271°.37 1°.4/ 5.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 13.53	+14 13.4	1.883	2.687	15.3	21.8
10 8	3 9.77	+13 49.7	1.795	2.681	12.1	21.5
10 18	3 3.57	+13 18.0	1.728	2.675	8.3	21.3
10 28	2 55.50	+12 40.8	1.686	2.668	4.1	21.0
11 7	2 46.44	+12 2.0	1.672	2.662	1.6	20.8
11 17	2 37.46	+11 26.4	1.687	2.655	5.4	21.1
11 27	2 29.64	+10 58.9	1.729	2.649	9.6	21.3
12 7	2 23.82	+10 43.1	1.795	2.642	13.3	21.6

82799 2001 QF_{26} 11 6.5 35°.60 1°.9/ 7.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 14.42	+21 47.6	1.786	2.575	16.6	19.8
10 8	3 10.66	+21 56.6	1.708	2.581	13.3	19.6
10 18	3 4.25	+21 53.4	1.650	2.586	9.5	19.4
10 28	2 55.85	+21 37.7	1.616	2.592	5.3	19.1
11 7	2 46.44	+21 11.3	1.609	2.598	1.9	18.9
11 17	2 37.21	+20 38.1	1.630	2.604	4.7	19.1
11 27	2 29.33	+20 3.5	1.679	2.611	8.8	19.4
12 7	2 23.66	+19 33.2	1.752	2.618	12.6	19.7

401320 2013 AR_{18} 11 6.5 252°.26 11°.3/28.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 15.02	−14 56.4	2.046	2.828	15.0	21.2
10 8	3 10.63	−16 18.6	1.980	2.818	13.2	21.1
10 18	3 3.97	−17 28.4	1.935	2.808	11.9	21.0
10 28	2 55.63	−18 17.4	1.914	2.798	11.3	20.9
11 7	2 46.46	−18 39.1	1.916	2.787	11.7	21.0
11 17	2 37.44	−18 29.8	1.942	2.776	13.1	21.0
11 27	2 29.55	−17 49.5	1.990	2.765	15.0	21.1
12 7	2 23.53	−16 41.6	2.058	2.754	16.8	21.3

454696 2014 SF_{12} 11 6.5 10°.26 0°.0/ 6.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 11.10	+18 0.1	2.038	2.835	14.5	21.1
10 8	3 7.64	+17 44.6	1.955	2.836	11.5	20.9
10 18	3 1.97	+17 19.5	1.894	2.837	8.0	20.7
10 28	2 54.65	+16 46.3	1.858	2.839	4.0	20.5
11 7	2 46.51	+16 8.2	1.850	2.841	0.2	20.2
11 17	2 38.51	+15 29.3	1.870	2.843	4.4	20.5
11 27	2 31.60	+14 54.3	1.918	2.845	8.3	20.8
12 7	2 26.52	+14 27.5	1.992	2.848	11.7	21.0

124956 2001 TR_{92} 11 6.5 68°.67 2°.5/ 7.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 18.25	+22 39.4	1.287	2.093	20.9	20.9
10 8	3 14.73	+22 49.9	1.217	2.098	16.9	20.6
10 18	3 7.62	+22 43.3	1.165	2.104	12.2	20.4
10 28	2 57.69	+22 18.8	1.134	2.110	6.8	20.1
11 7	2 46.35	+21 38.5	1.128	2.116	2.5	19.9
11 17	2 35.31	+20 48.3	1.148	2.123	6.0	20.1
11 27	2 26.23	+19 56.9	1.192	2.129	11.2	20.4
12 7	2 20.23	+19 13.0	1.260	2.135	15.8	20.7

514746 2007 DE_{44} 11 6.5 145°.00 4°.8/ 1.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 10.69	+ 0 52.1	2.903	3.699	10.7	22.6
10 8	3 6.39	− 0 15.7	2.834	3.709	8.5	22.5
10 18	3 0.63	− 1 22.4	2.791	3.720	6.4	22.4
10 28	2 53.83	− 2 23.6	2.776	3.729	5.0	22.3
11 7	2 46.59	− 3 15.1	2.790	3.739	5.1	22.3
11 17	2 39.50	− 3 53.4	2.834	3.748	6.6	22.4
11 27	2 33.18	− 4 16.3	2.905	3.756	8.7	22.6
12 7	2 28.09	− 4 23.5	3.001	3.764	10.7	22.7

335434 2005 UY_{170} 11 6.5 329°.97 1°.0/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 15.47	+18 58.0	1.488	2.296	18.5	20.7
10 8	3 12.13	+19 6.0	1.405	2.291	14.8	20.5
10 18	3 5.67	+19 2.4	1.342	2.286	10.4	20.2
10 28	2 56.71	+18 47.2	1.302	2.282	5.5	19.9
11 7	2 46.41	+18 22.9	1.287	2.278	1.0	19.6
11 17	2 36.19	+17 53.6	1.300	2.274	5.5	19.9
11 27	2 27.51	+17 25.7	1.338	2.271	10.5	20.2
12 7	2 21.43	+17 5.2	1.399	2.268	15.0	20.4

71976 2000 WD_{136} 11 6.5 91°.06 2°.5/ 8.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 19.23	+24 39.3	1.453	2.241	19.7	19.9
10 8	3 14.88	+24 29.2	1.389	2.259	15.9	19.6
10 18	3 7.31	+24 0.4	1.343	2.276	11.4	19.4
10 28	2 57.37	+23 12.8	1.319	2.293	6.5	19.2
11 7	2 46.39	+22 10.0	1.322	2.310	2.5	19.0
11 17	2 35.89	+20 58.9	1.352	2.326	5.4	19.2
11 27	2 27.26	+19 48.4	1.409	2.343	10.1	19.5
12 7	2 21.42	+18 47.0	1.490	2.358	14.2	19.8

332726 2009 SF_{276} 11 6.5 62°.59 0°.2/ 6.4 18

9 28	3 18.81	+16 41.8	1.364	2.177	19.6	20.8
10 8	3 14.55	+16 40.7	1.306	2.195	15.5	20.6
10 18	3 7.09	+16 29.0	1.266	2.213	10.6	20.4
10 28	2 57.26	+16 8.1	1.250	2.232	5.2	20.2
11 7	2 46.40	+15 41.9	1.259	2.250	0.4	19.8
11 17	2 36.01	+15 15.3	1.295	2.269	5.8	20.3
11 27	2 27.48	+14 54.2	1.357	2.288	10.7	20.6
12 7	2 21.72	+14 43.4	1.442	2.306	14.9	20.9

112242 2002 LP_{4} 11 6.5 133°.89 3°.9/ 4.1 18

9 28	3 18.30	+ 8 56.3	1.671	2.481	16.7	20.1
10 8	3 13.53	+ 8 11.0	1.603	2.492	13.1	19.9
10 18	3 6.10	+ 7 20.9	1.556	2.502	9.1	19.7
10 28	2 56.71	+ 6 31.2	1.534	2.512	5.2	19.5
11 7	2 46.43	+ 5 47.6	1.540	2.521	4.1	19.4
11 17	2 36.47	+ 5 15.5	1.574	2.529	7.3	19.6
11 27	2 27.98	+ 4 59.1	1.634	2.537	11.2	19.9
12 7	2 21.77	+ 5 0.2	1.718	2.545	14.7	20.1

511849 2015 FW_{335} 11 6.5 160°.83 1°.8/ 5.2 18

9 28	3 16.84	+13 10.9	1.923	2.721	15.2	22.0
10 8	3 12.18	+12 42.2	1.843	2.726	12.0	21.8
10 18	3 5.10	+12 6.5	1.785	2.730	8.2	21.6
10 28	2 56.22	+11 26.5	1.753	2.734	4.1	21.4
11 7	2 46.47	+10 46.5	1.750	2.738	2.0	21.2
11 17	2 36.91	+10 11.1	1.775	2.741	5.5	21.5
11 27	2 28.59	+ 9 44.9	1.829	2.743	9.5	21.7
12 7	2 22.30	+ 9 31.0	1.907	2.745	13.0	22.0

262458 2006 UP_{126} 11 6.5 104°.87 1°.5/ 7.6 18

9 28	3 16.20	+21 59.5	2.165	2.936	14.6	21.5
10 8	3 11.42	+21 57.5	2.091	2.953	11.7	21.4
10 18	3 4.43	+21 44.3	2.038	2.969	8.3	21.2
10 28	2 55.82	+21 20.3	2.010	2.985	4.5	21.0
11 7	2 46.49	+20 47.6	2.012	3.001	1.5	20.8
11 17	2 37.41	+20 9.7	2.043	3.016	4.0	21.0
11 27	2 29.52	+19 31.3	2.103	3.031	7.6	21.3
12 7	2 23.53	+18 57.3	2.189	3.045	10.8	21.5

191353 2003 QL_{67} 11 6.5 13°.44 0°.5/ 6.2 18

9 28	3 18.04	+12 6.7	1.734	2.538	16.4	18.5
10 8	3 13.48	+12 48.3	1.658	2.543	13.0	18.3
10 18	3 6.22	+13 27.8	1.604	2.549	8.9	18.1
10 28	2 56.86	+14 5.5	1.574	2.556	4.4	17.8
11 7	2 46.44	+14 41.6	1.572	2.563	0.7	17.5
11 17	2 36.16	+15 17.1	1.599	2.571	5.1	17.9
11 27	2 27.24	+15 53.6	1.654	2.581	9.4	18.2
12 7	2 20.59	+16 33.0	1.734	2.591	13.2	18.4

36884 2000 SN_{158} 11 6.5 242°.06 0°.9/ 5.8 18

9 28	3 12.97	+14 51.3	2.158	2.954	13.9	19.3
10 8	3 8.98	+14 34.9	2.071	2.952	10.9	19.1
10 18	3 2.84	+14 11.4	2.006	2.950	7.5	18.9
10 28	2 55.10	+13 42.8	1.966	2.948	3.7	18.7
11 7	2 46.54	+13 12.2	1.956	2.946	1.0	18.5
11 17	2 38.08	+12 43.3	1.974	2.943	4.6	18.7
11 27	2 30.64	+12 20.2	2.021	2.941	8.4	18.9
12 7	2 24.95	+12 6.0	2.093	2.939	11.7	19.2

319274 2006 BZ_{47} 11 6.5 217°.91 0°.9/ 5.7 17

9 28	3 11.99	+14 45.3	2.620	3.406	11.9	22.0
10 8	3 7.82	+14 24.8	2.525	3.401	9.4	21.8
10 18	3 1.86	+13 58.1	2.453	3.395	6.4	21.6
10 28	2 54.56	+13 27.0	2.408	3.389	3.2	21.4
11 7	2 46.58	+12 54.2	2.392	3.382	1.0	21.2
11 17	2 38.65	+12 22.9	2.407	3.375	4.1	21.4
11 27	2 31.54	+11 56.6	2.452	3.368	7.3	21.6
12 7	2 25.86	+11 38.1	2.523	3.361	10.2	21.8

289591 2005 FC_{13} 11 6.5 91°.63 4°.1/ 3.7 18

9 28	3 16.94	+ 5 30.5	2.091	2.891	14.1	21.0
10 8	3 11.71	+ 4 52.9	2.036	2.918	11.1	20.9
10 18	3 4.44	+ 4 14.9	2.003	2.943	7.8	20.7
10 28	2 55.76	+ 3 40.8	1.997	2.969	4.9	20.6
11 7	2 46.53	+ 3 14.7	2.020	2.994	4.3	20.6
11 17	2 37.67	+ 3 0.1	2.072	3.018	6.6	20.8
11 27	2 30.03	+ 2 59.0	2.151	3.042	9.5	21.0
12 7	2 24.20	+ 3 11.9	2.256	3.065	12.3	21.2

163320 2002 JS_{106} 11 6.5 62°.79 3°.6/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 16.94	+27 23.6	1.618	2.393	18.6	19.5
10 8	3 12.79	+27 25.0	1.556	2.415	15.2	19.3
10 18	3 5.73	+27 7.7	1.513	2.437	11.2	19.1
10 28	2 56.55	+26 30.9	1.493	2.459	6.9	18.9
11 7	2 46.48	+25 37.2	1.498	2.481	3.7	18.8
11 17	2 36.87	+24 32.0	1.531	2.504	5.3	19.0
11 27	2 28.96	+23 23.6	1.592	2.526	9.1	19.2
12 7	2 23.56	+22 19.9	1.677	2.548	12.8	19.5

436475 2011 EB_{4} 11 6.5 90°.89 1°.0/ 5.9 18

9 28	3 16.23	+15 50.9	1.587	2.395	17.5	21.9
10 8	3 12.23	+15 29.1	1.515	2.402	13.8	21.7
10 18	3 5.40	+14 57.1	1.463	2.410	9.5	21.5
10 28	2 56.45	+14 17.5	1.435	2.417	4.6	21.2
11 7	2 46.49	+13 34.7	1.434	2.425	1.1	21.0
11 17	2 36.80	+12 54.3	1.461	2.432	5.7	21.3
11 27	2 28.62	+12 22.0	1.515	2.439	10.3	21.6
12 7	2 22.84	+12 2.3	1.592	2.447	14.3	21.9

44234 1998 QE_{29} 11 6.5 10°.38 8°.3/12.4 18

9 28	3 11.61	+36 13.7	1.435	2.193	21.3	17.2
10 8	3 9.68	+36 52.9	1.362	2.196	18.3	17.0
10 18	3 4.26	+37 6.3	1.305	2.200	14.9	16.8
10 28	2 56.08	+36 48.7	1.267	2.204	11.3	16.6
11 7	2 46.50	+35 58.8	1.252	2.210	8.7	16.5
11 17	2 37.17	+34 40.7	1.261	2.217	8.6	16.5
11 27	2 29.73	+33 4.2	1.294	2.225	11.0	16.7
12 7	2 25.24	+31 22.1	1.351	2.234	14.4	16.9

246325 2007 TD_{214} 11 6.5 157°.93 0°.3/ 6.7 18

9 28	3 13.39	+21 7.2	2.050	2.833	14.9	20.7
10 8	3 9.41	+20 22.8	1.964	2.836	11.9	20.5
10 18	3 3.17	+19 24.3	1.901	2.839	8.3	20.3
10 28	2 55.26	+18 14.0	1.863	2.842	4.2	20.1
11 7	2 46.56	+16 56.1	1.854	2.844	0.3	19.8
11 17	2 38.07	+15 36.8	1.874	2.847	4.4	20.1
11 27	2 30.75	+14 22.6	1.924	2.849	8.4	20.4
12 7	2 25.32	+13 19.5	1.999	2.850	11.9	20.6

416569 2004 EL_{28} 11 6.5 334°.89 2°.8/ 4.3 17

9 28	3 7.73	+11 11.5	1.928	2.747	14.4	20.6
10 8	3 5.19	+10 27.9	1.837	2.732	11.4	20.4
10 18	3 0.44	+ 9 37.4	1.768	2.718	7.8	20.2
10 28	2 53.99	+ 8 43.9	1.724	2.704	4.3	19.9
11 7	2 46.64	+ 7 52.6	1.707	2.692	3.1	19.8
11 17	2 39.32	+ 7 8.9	1.718	2.679	6.2	20.0
11 27	2 33.01	+ 6 37.8	1.756	2.668	10.0	20.2
12 7	2 28.48	+ 6 22.3	1.817	2.657	13.4	20.4

4457 van Gogh 11 6.5 245°.72 4°.2/ 2.9 18

9 28	3 11.77	+ 8 37.3	2.057	2.867	13.9	16.6
10 8	3 8.12	+ 7 21.2	1.967	2.857	11.0	16.4
10 18	3 2.32	+ 5 58.3	1.901	2.846	7.8	16.2
10 28	2 54.88	+ 4 34.2	1.861	2.835	4.9	16.0
11 7	2 46.60	+ 3 15.4	1.850	2.824	4.5	16.0
11 17	2 38.40	+ 2 8.5	1.868	2.813	7.2	16.1
11 27	2 31.21	+ 1 18.8	1.913	2.802	10.6	16.3
12 7	2 25.77	+ 0 49.0	1.981	2.790	13.8	16.5

118499 2000 DM_{59} 11 6.5 122°.81 0°.5/ 6.8 18

9 28	3 18.24	+19 27.4	1.805	2.591	16.5	21.0
10 8	3 13.46	+19 13.1	1.731	2.605	13.1	20.8
10 18	3 6.06	+18 47.1	1.678	2.617	9.1	20.6
10 28	2 56.73	+18 10.5	1.651	2.630	4.6	20.4
11 7	2 46.51	+17 26.6	1.651	2.642	0.5	20.1
11 17	2 36.58	+16 40.4	1.680	2.653	4.8	20.5
11 27	2 28.08	+15 57.7	1.737	2.664	9.0	20.7
12 7	2 21.83	+15 23.7	1.819	2.674	12.8	21.0

36354 2000 NE_{27} 11 6.5 11°.80 4°.6/ 8.9 18

9 28	3 11.98	+26 1.8	1.213	2.025	21.6	17.6
10 8	3 10.10	+26 33.1	1.147	2.028	17.8	17.4
10 18	3 4.63	+26 44.5	1.097	2.032	13.2	17.1
10 28	2 56.30	+26 33.5	1.068	2.038	8.3	16.9
11 7	2 46.52	+26 0.9	1.061	2.045	4.7	16.7
11 17	2 37.00	+25 11.8	1.079	2.052	6.6	16.8
11 27	2 29.42	+24 15.4	1.120	2.062	11.1	17.1
12 7	2 24.91	+23 21.9	1.183	2.072	15.6	17.4

389163 2009 BH_{63} 11 6.5 226°.99 2°.7/ 4.6 18

9 28	3 14.02	+10 45.1	1.936	2.743	14.8	21.1
10 8	3 10.03	+10 11.0	1.852	2.740	11.7	20.8
10 18	3 3.69	+ 9 31.2	1.790	2.736	8.1	20.6
10 28	2 55.58	+ 8 49.4	1.753	2.732	4.3	20.4
11 7	2 46.57	+ 8 10.2	1.744	2.729	2.9	20.3
11 17	2 37.68	+ 7 38.2	1.764	2.724	6.1	20.5
11 27	2 29.91	+ 7 17.8	1.811	2.720	9.9	20.7
12 7	2 24.07	+ 7 11.5	1.882	2.716	13.3	20.9

444533 2006 SA_{169} 11 6.5 340°.37 2°.0/ 7.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 11.37	+22 9.5	1.588	2.391	17.7	20.5
10 8	3 8.78	+22 14.0	1.502	2.382	14.4	20.3
10 18	3 3.32	+22 4.2	1.434	2.374	10.3	20.0
10 28	2 55.57	+21 39.7	1.390	2.366	5.8	19.7
11 7	2 46.58	+21 2.8	1.370	2.359	2.0	19.5
11 17	2 37.62	+20 17.9	1.378	2.353	5.2	19.7
11 27	2 30.05	+19 31.9	1.412	2.348	9.8	19.9
12 7	2 24.88	+18 51.8	1.469	2.344	14.0	20.2

99452 2002 CM_{38} 11 6.5 53°.77 6°.7/ 2.7 18

9 28	3 15.08	+ 3 40.7	1.411	2.241	18.1	18.7
10 8	3 11.19	+ 2 30.7	1.365	2.263	14.4	18.6
10 18	3 4.53	+ 1 21.5	1.340	2.285	10.4	18.4
10 28	2 55.93	+ 0 21.0	1.339	2.307	7.3	18.3
11 7	2 46.59	− 0 23.2	1.363	2.330	7.0	18.3
11 17	2 37.77	− 0 45.8	1.413	2.353	9.6	18.5
11 27	2 30.61	− 0 44.5	1.487	2.376	13.1	18.8
12 7	2 25.84	− 0 20.7	1.582	2.399	16.2	19.1

472252 2014 MP_{58} 11 6.5 20°.69 5°.7/ 3.3 18

9 28	3 12.32	+ 2 31.1	1.706	2.529	15.8	20.1
10 8	3 8.78	+ 1 56.9	1.644	2.537	12.6	19.9
10 18	3 2.83	+ 1 24.7	1.603	2.545	9.2	19.8
10 28	2 55.13	+ 1 0.1	1.586	2.554	6.3	19.6
11 7	2 46.63	+ 0 48.1	1.596	2.564	5.9	19.6
11 17	2 38.40	+ 0 52.2	1.632	2.575	8.3	19.8
11 27	2 31.46	+ 1 14.0	1.693	2.586	11.5	20.0
12 7	2 26.55	+ 1 52.9	1.777	2.598	14.6	20.2

131415 2001 NA_{19} 11 6.5 116°.99 17°.0/24.9 17

9 28	3 15.53	−11 23.6	1.121	1.955	21.6	19.5
10 8	3 12.47	−14 49.7	1.087	1.961	19.1	19.3
10 18	3 5.93	−17 59.6	1.072	1.967	17.4	19.2
10 28	2 56.80	−20 33.6	1.077	1.972	17.0	19.2
11 7	2 46.54	−22 16.8	1.103	1.977	18.2	19.3
11 17	2 36.78	−23 2.5	1.148	1.982	20.3	19.5
11 27	2 29.03	−22 52.7	1.209	1.987	22.6	19.7
12 7	2 24.23	−21 56.2	1.283	1.991	24.7	19.9

511227 2014 BO_{4} 11 6.5 255°.49 3°.4/ 4.4 18

9 28	3 16.08	+ 9 25.1	1.808	2.617	15.6	21.9
10 8	3 11.99	+ 8 51.2	1.714	2.602	12.4	21.7
10 18	3 5.29	+ 8 11.9	1.640	2.586	8.7	21.4
10 28	2 56.50	+ 7 31.3	1.592	2.571	4.9	21.2
11 7	2 46.55	+ 6 54.3	1.572	2.554	3.6	21.1
11 17	2 36.57	+ 6 26.1	1.579	2.538	6.9	21.2
11 27	2 27.76	+ 6 11.5	1.614	2.521	11.0	21.4
12 7	2 21.05	+ 6 12.9	1.672	2.504	14.8	21.6

263054 2007 HE_{55} 11 6.5 339°.33 5°.1/ 3.6 18

9 28	3 13.91	+ 2 25.7	1.933	2.746	14.6	19.5
10 8	3 9.91	+ 2 5.0	1.853	2.740	11.7	19.3
10 18	3 3.60	+ 1 46.4	1.794	2.734	8.6	19.1
10 28	2 55.55	+ 1 34.4	1.760	2.729	5.8	19.0
11 7	2 46.60	+ 1 33.2	1.754	2.724	5.3	18.9
11 17	2 37.76	+ 1 45.9	1.775	2.720	7.6	19.1
11 27	2 30.03	+ 2 14.1	1.823	2.716	10.8	19.3
12 7	2 24.18	+ 2 57.6	1.894	2.712	13.9	19.4

363268 2002 GC_{3} 11 6.5 206°.01 1°.7/ 4.6 18

9 28	3 11.07	+14 8.5	2.812	3.598	11.2	21.4
10 8	3 6.92	+13 4.9	2.716	3.593	8.8	21.2
10 18	3 1.15	+11 53.5	2.644	3.587	6.0	21.1
10 28	2 54.21	+10 37.4	2.601	3.581	3.1	20.9
11 7	2 46.69	+ 9 20.9	2.588	3.574	1.9	20.8
11 17	2 39.26	+ 8 8.6	2.607	3.567	4.5	20.9
11 27	2 32.60	+ 7 5.1	2.657	3.559	7.4	21.1
12 7	2 27.25	+ 6 13.6	2.733	3.551	10.1	21.3

79033 2185 $T\text{-}_{2}$ 11 6.5 325°.15 0°.2/ 6.6 17

9 28	3 10.62	+17 59.7	2.063	2.860	14.4	19.3
10 8	3 7.42	+17 52.8	1.967	2.847	11.5	19.0
10 18	3 1.98	+17 36.6	1.892	2.835	8.0	18.8
10 28	2 54.79	+17 12.4	1.843	2.823	4.1	18.6
11 7	2 46.65	+16 42.6	1.821	2.812	0.3	18.2
11 17	2 38.52	+16 10.9	1.827	2.801	4.4	18.5
11 27	2 31.38	+15 41.9	1.862	2.790	8.4	18.8
12 7	2 26.05	+15 19.7	1.921	2.780	12.0	19.0

479361 2013 XV_{12} 11 6.5 314°.91 1°.7/ 7.3 18

9 28	3 13.14	+20 45.0	1.372	2.187	19.4	21.1
10 8	3 10.80	+20 52.4	1.282	2.170	15.8	20.8
10 18	3 5.12	+20 45.3	1.209	2.153	11.3	20.5
10 28	2 56.66	+20 23.2	1.158	2.137	6.2	20.1
11 7	2 46.54	+19 47.9	1.132	2.122	1.7	19.8
11 17	2 36.31	+19 4.5	1.131	2.107	5.9	20.1
11 27	2 27.63	+18 20.7	1.155	2.093	11.3	20.3
12 7	2 21.74	+17 44.5	1.201	2.079	16.3	20.6

155257 2005 WL_{81} 11 6.5 339°.55 0°.6/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 11.66	+19 43.7	1.972	2.765	15.1	20.2
10 8	3 8.28	+19 31.7	1.884	2.761	12.0	20.0
10 18	3 2.56	+19 8.5	1.817	2.758	8.4	19.8
10 28	2 55.06	+18 35.3	1.775	2.754	4.4	19.5
11 7	2 46.64	+17 54.8	1.761	2.751	0.6	19.2
11 17	2 38.32	+17 11.3	1.775	2.749	4.4	19.5
11 27	2 31.12	+16 30.1	1.817	2.746	8.5	19.8
12 7	2 25.83	+15 56.3	1.884	2.744	12.1	20.0

440183 2004 CU_{37} 11 6.5 269°.35 11°.0/27.0 18

9 28	3 11.70	−11 53.1	2.005	2.803	14.7	20.7
10 8	3 8.16	−13 46.8	1.937	2.789	12.9	20.5
10 18	3 2.40	−15 31.9	1.891	2.776	11.5	20.4
10 28	2 54.96	−16 58.8	1.869	2.762	11.0	20.4
11 7	2 46.65	−17 59.6	1.871	2.747	11.7	20.4
11 17	2 38.43	−18 29.0	1.897	2.733	13.3	20.4
11 27	2 31.25	−18 25.5	1.944	2.719	15.3	20.6
12 7	2 25.88	−17 51.5	2.010	2.704	17.2	20.7

66697 1999 TX_{80} 11 6.5 183°.89 0°.1/ 6.4 18

9 28	3 18.94	+17 1.4	1.694	2.490	17.1	20.3
10 8	3 14.39	+16 56.9	1.611	2.490	13.6	20.1
10 18	3 6.97	+16 42.7	1.548	2.490	9.4	19.9
10 28	2 57.33	+16 19.7	1.509	2.490	4.7	19.6
11 7	2 46.53	+15 51.0	1.498	2.489	0.3	19.2
11 17	2 35.86	+15 20.8	1.516	2.488	5.3	19.6
11 27	2 26.63	+14 54.6	1.560	2.486	9.9	19.9
12 7	2 19.78	+14 37.2	1.629	2.484	14.0	20.1

398454 2011 UV_{72} 11 6.5 38°.76 0°.1/ 6.4 18

9 28	3 12.41	+18 54.6	1.856	2.654	15.7	21.1
10 8	3 8.91	+18 22.7	1.775	2.656	12.5	20.9
10 18	3 2.99	+17 38.4	1.715	2.658	8.6	20.7
10 28	2 55.26	+16 44.0	1.680	2.661	4.3	20.4
11 7	2 46.65	+15 43.6	1.672	2.663	0.3	20.1
11 17	2 38.22	+14 43.0	1.693	2.666	4.8	20.5
11 27	2 31.02	+13 48.4	1.742	2.668	9.0	20.7
12 7	2 25.84	+13 5.0	1.815	2.671	12.7	21.0

266624 2008 QH_{8} 11 6.5 60°.71 4°.9/ 2.3 18

9 28	3 10.04	+ 3 56.9	2.226	3.038	13.0	20.3
10 8	3 6.42	+ 2 53.9	2.158	3.045	10.3	20.1
10 18	3 0.94	+ 1 50.2	2.113	3.053	7.5	20.0
10 28	2 54.13	+ 0 51.0	2.095	3.061	5.3	19.9
11 7	2 46.72	+ 0 1.6	2.104	3.068	5.2	19.9
11 17	2 39.49	− 0 33.8	2.142	3.076	7.2	20.0
11 27	2 33.22	− 0 52.3	2.207	3.084	9.9	20.2
12 7	2 28.52	− 0 53.1	2.295	3.092	12.5	20.4

181025 2005 OU_{3} 11 6.5 117°.86 1°.7/ 7.5 17

9 28	3 21.74	+21 9.3	1.791	2.567	17.0	20.9
10 8	3 16.30	+21 21.3	1.719	2.584	13.6	20.7
10 18	3 8.07	+21 21.6	1.668	2.600	9.6	20.5
10 28	2 57.78	+21 9.8	1.641	2.616	5.3	20.3
11 7	2 46.53	+20 47.4	1.643	2.632	1.7	20.1
11 17	2 35.59	+20 18.2	1.674	2.647	4.8	20.3
11 27	2 26.18	+19 47.6	1.733	2.661	8.9	20.6
12 7	2 19.18	+19 21.1	1.817	2.674	12.6	20.9

487407 2014 QQ_{365} 11 6.5 108°.14 3°.1/ 3.7 18

9 28	3 11.17	+ 9 21.1	2.347	3.150	12.7	21.5
10 8	3 7.20	+ 8 24.6	2.274	3.160	9.9	21.3
10 18	3 1.42	+ 7 23.8	2.226	3.171	6.8	21.2
10 28	2 54.36	+ 6 22.9	2.205	3.181	4.0	21.0
11 7	2 46.71	+ 5 26.7	2.212	3.191	3.3	21.0
11 17	2 39.27	+ 4 39.5	2.250	3.201	5.7	21.1
11 27	2 32.77	+ 4 5.0	2.315	3.211	8.7	21.3
12 7	2 27.80	+ 3 45.2	2.405	3.220	11.4	21.5

34950 4188 $T\text{-}_{1}$ 11 6.5 284°.05 1°.6/ 5.6 18

9 28	3 14.92	+15 9.0	1.433	2.253	18.5	19.4
10 8	3 11.78	+14 39.7	1.349	2.243	14.7	19.1
10 18	3 5.51	+13 58.6	1.284	2.234	10.2	18.8
10 28	2 56.72	+13 8.9	1.242	2.225	5.1	18.5
11 7	2 46.58	+12 15.9	1.226	2.216	1.8	18.3
11 17	2 36.49	+11 26.4	1.237	2.207	6.6	18.6
11 27	2 27.93	+10 47.8	1.273	2.198	11.7	18.8
12 7	2 21.98	+10 25.3	1.331	2.189	16.3	19.1

223562 2004 EB_{116} 11 6.5 76°.82 3°.9/ 8.6 18

9 28	3 20.00	+25 23.7	1.506	2.288	19.5	20.4
10 8	3 15.66	+25 54.4	1.437	2.301	15.9	20.2
10 18	3 8.03	+26 8.9	1.387	2.314	11.7	19.9
10 28	2 57.89	+26 5.0	1.359	2.327	7.3	19.7
11 7	2 46.53	+25 43.1	1.357	2.340	4.0	19.6
11 17	2 35.49	+25 6.9	1.382	2.354	5.8	19.7
11 27	2 26.25	+24 23.7	1.433	2.367	10.0	20.0
12 7	2 19.82	+23 41.7	1.509	2.380	13.9	20.3

523750 2014 US_{224} 11 6.5 285°.40 0°.2/ 9.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 50.05	+28 4.1	45.168	45.887	0.9	21.7
10 8	2 49.41	+28 3.0	45.063	45.885	0.7	21.7
10 18	2 48.68	+28 1.3	44.983	45.882	0.5	21.7
10 28	2 47.90	+27 58.8	44.929	45.879	0.4	21.7
11 7	2 47.08	+27 55.7	44.905	45.876	0.3	21.6
11 17	2 46.27	+27 52.2	44.911	45.873	0.3	21.6
11 27	2 45.50	+27 48.3	44.946	45.870	0.4	21.7
12 7	2 44.78	+27 44.2	45.010	45.867	0.6	21.7

51177 2000 HM_{70} 11 6.5 311°.19 2°.3/ 8.1 18

9 28	3 13.42	+23 18.1	2.342	3.109	13.7	19.1
10 8	3 9.39	+23 35.2	2.247	3.105	11.1	18.9
10 18	3 3.21	+23 42.1	2.173	3.100	8.1	18.7
10 28	2 55.38	+23 38.3	2.125	3.096	4.8	18.5
11 7	2 46.67	+23 24.5	2.106	3.091	2.3	18.3
11 17	2 37.98	+23 2.9	2.115	3.087	4.1	18.4
11 27	2 30.25	+22 37.3	2.153	3.083	7.4	18.6
12 7	2 24.24	+22 12.2	2.218	3.079	10.5	18.8

169719 2002 MU_{1} 11 6.5 149°.78 4°.0/ 4.4 18

9 28	3 18.96	+ 8 1.7	1.573	2.386	17.4	20.2
10 8	3 14.38	+ 7 32.5	1.500	2.391	13.8	20.0
10 18	3 6.92	+ 7 0.0	1.448	2.395	9.6	19.7
10 28	2 57.28	+ 6 28.9	1.421	2.398	5.5	19.5
11 7	2 46.57	+ 6 4.3	1.420	2.402	4.2	19.4
11 17	2 36.10	+ 5 51.0	1.446	2.405	7.5	19.6
11 27	2 27.15	+ 5 52.7	1.499	2.407	11.7	19.9
12 7	2 20.63	+ 6 10.7	1.575	2.410	15.5	20.1

515563 2014 HU_{27} 11 6.5 242°.74 0°.2/ 6.4 18

9 28	3 15.48	+16 48.8	1.858	2.655	15.7	21.8
10 8	3 11.43	+16 42.3	1.771	2.651	12.5	21.6
10 18	3 4.83	+16 26.8	1.705	2.648	8.7	21.4
10 28	2 56.24	+16 3.5	1.664	2.644	4.3	21.1
11 7	2 46.63	+15 35.4	1.650	2.641	0.3	20.8
11 17	2 37.09	+15 6.4	1.665	2.637	4.9	21.1
11 27	2 28.77	+14 41.3	1.707	2.633	9.2	21.4
12 7	2 22.56	+14 24.5	1.774	2.629	13.0	21.6

224180 2005 QX_{157} 11 6.5 67°.74 1°.6/ 5.7 18

9 28	3 19.18	+12 47.2	1.448	2.262	18.6	19.8
10 8	3 14.75	+12 45.7	1.384	2.274	14.7	19.6
10 18	3 7.25	+12 38.0	1.339	2.287	10.0	19.4
10 28	2 57.44	+12 26.3	1.318	2.300	5.0	19.1
11 7	2 46.57	+12 14.2	1.323	2.313	1.7	18.9
11 17	2 36.05	+12 5.8	1.356	2.326	6.2	19.3
11 27	2 27.24	+12 5.2	1.414	2.339	10.9	19.6
12 7	2 21.06	+12 15.4	1.496	2.352	15.0	19.9

211312 2002 SD_{36} 11 6.5 0°.73 4°.3/ 3.5 18

9 28	3 0.99	+14 10.3	1.086	1.950	20.1	18.2
10 8	3 1.31	+12 36.5	1.024	1.945	15.8	18.0
10 18	2 58.48	+10 44.9	0.980	1.942	10.8	17.7
10 28	2 53.22	+ 8 44.8	0.958	1.942	5.9	17.4
11 7	2 46.79	+ 6 49.1	0.960	1.944	4.8	17.4
11 17	2 40.62	+ 5 11.0	0.984	1.948	9.2	17.6
11 27	2 36.09	+ 4 0.7	1.031	1.954	14.1	17.9
12 7	2 34.13	+ 3 22.4	1.098	1.963	18.5	18.2

378102 2006 UR_{184} 11 6.5 338°.06 6°.3/ 9.3 18

9 28	3 13.52	+27 21.4	1.198	2.004	22.1	20.4
10 8	3 11.84	+28 19.6	1.117	1.992	18.6	20.1
10 18	3 6.30	+29 0.0	1.053	1.982	14.3	19.8
10 28	2 57.42	+29 17.3	1.008	1.972	9.7	19.5
11 7	2 46.55	+29 8.7	0.985	1.964	6.5	19.3
11 17	2 35.57	+28 36.0	0.986	1.956	7.9	19.4
11 27	2 26.50	+27 47.6	1.010	1.950	12.3	19.6
12 7	2 20.82	+26 54.8	1.055	1.945	17.0	19.9

257012 2008 EA_{169} 11 6.5 274°.99 5°.9/ 2.3 18

9 28	3 12.90	+ 0 55.7	2.068	2.878	13.9	20.1
10 8	3 8.91	+ 0 6.7	1.992	2.875	11.2	19.9
10 18	3 2.81	− 0 40.6	1.938	2.873	8.4	19.7
10 28	2 55.14	− 1 20.8	1.910	2.870	6.2	19.6
11 7	2 46.70	− 1 48.6	1.909	2.867	6.2	19.6
11 17	2 38.39	− 2 0.1	1.935	2.865	8.2	19.7
11 27	2 31.13	− 1 53.1	1.988	2.862	11.0	19.9
12 7	2 25.60	− 1 27.7	2.064	2.859	13.8	20.0

478971 2012 XN_{97} 11 6.5 92°.25 2°.7/ 8.3 18

9 28	3 16.75	+24 32.4	1.802	2.578	16.9	21.3
10 8	3 12.50	+24 38.1	1.726	2.588	13.7	21.1
10 18	3 5.56	+24 29.2	1.670	2.599	10.0	20.9
10 28	2 56.58	+24 4.9	1.638	2.609	5.9	20.7
11 7	2 46.63	+23 27.2	1.633	2.619	2.7	20.5
11 17	2 36.92	+22 40.0	1.656	2.629	4.8	20.7
11 27	2 28.65	+21 50.0	1.707	2.639	8.7	21.0
12 7	2 22.66	+21 3.6	1.783	2.649	12.4	21.2

157396 Vansevicius 11 6.5 285°.96 2°.4/ 8.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 14.94	+23 19.1	2.266	3.032	14.1	20.1
10 8	3 10.66	+23 40.8	2.173	3.030	11.5	19.9
10 18	3 4.14	+23 52.4	2.101	3.027	8.4	19.7
10 28	2 55.87	+23 52.9	2.054	3.024	5.0	19.5
11 7	2 46.67	+23 43.0	2.036	3.021	2.4	19.3
11 17	2 37.50	+23 24.5	2.047	3.018	4.2	19.4
11 27	2 29.35	+23 1.6	2.087	3.016	7.6	19.6
12 7	2 23.01	+22 38.7	2.153	3.013	10.8	19.8

367674 2010 EJ_{15} 11 6.5 43°.63 9°.8/30.9 18

9 28	3 15.01	−14 15.8	2.201	2.980	14.2	19.9
10 8	3 10.28	−15 6.3	2.149	2.987	12.3	19.8
10 18	3 3.55	−15 43.9	2.117	2.995	10.7	19.7
10 28	2 55.42	−16 2.1	2.109	3.004	9.9	19.7
11 7	2 46.71	−15 56.5	2.127	3.012	10.1	19.7
11 17	2 38.28	−15 25.5	2.169	3.021	11.3	19.8
11 27	2 30.98	−14 29.8	2.235	3.029	12.9	19.9
12 7	2 25.41	−13 13.0	2.323	3.038	14.6	20.1

253897 2004 BJ_{95} 11 6.5 258°.64 5°.9/11.3 18

9 28	3 15.95	+35 0.1	2.183	2.901	16.0	20.3
10 8	3 11.97	+35 18.1	2.076	2.887	13.7	20.1
10 18	3 5.33	+35 17.9	1.988	2.873	11.0	19.9
10 28	2 56.58	+34 55.9	1.924	2.859	8.2	19.7
11 7	2 46.65	+34 11.2	1.885	2.844	6.2	19.5
11 17	2 36.71	+33 6.0	1.874	2.829	6.4	19.5
11 27	2 27.97	+31 46.2	1.891	2.814	8.7	19.6
12 7	2 21.38	+30 20.3	1.934	2.798	11.7	19.8

278193 2007 EF_{4} 11 6.5 333°.72 1°.5/ 7.2 18

9 28	3 11.93	+20 20.6	1.273	2.096	20.1	20.5
10 8	3 9.99	+20 26.2	1.191	2.084	16.3	20.3
10 18	3 4.63	+20 16.7	1.126	2.073	11.6	20.0
10 28	2 56.45	+19 51.9	1.083	2.063	6.2	19.6
11 7	2 46.66	+19 14.5	1.063	2.054	1.5	19.3
11 17	2 36.86	+18 30.0	1.069	2.045	6.0	19.6
11 27	2 28.75	+17 46.8	1.098	2.037	11.6	19.9
12 7	2 23.53	+17 12.8	1.149	2.031	16.5	20.1

293114 2006 XH_{29} 11 6.5 158°.90 1°.1/ 5.6 18

9 28	3 12.87	+14 59.4	2.093	2.891	14.2	21.6
10 8	3 8.98	+14 32.6	2.009	2.891	11.2	21.4
10 18	3 2.91	+13 57.8	1.947	2.892	7.6	21.2
10 28	2 55.22	+13 17.5	1.912	2.893	3.8	21.0
11 7	2 46.74	+12 35.4	1.904	2.894	1.3	20.8
11 17	2 38.39	+11 55.9	1.926	2.894	4.8	21.0
11 27	2 31.10	+11 23.5	1.975	2.895	8.6	21.3
12 7	2 25.60	+11 1.7	2.051	2.895	11.9	21.5

393216 2013 EH_{16} 11 6.5 194°.27 1°.4/ 4.4 18

9 28	3 3.97	+ 9 44.7	4.579	5.368	7.2	21.7
10 8	3 0.78	+ 9 22.5	4.489	5.367	5.6	21.6
10 18	2 56.69	+ 8 58.4	4.424	5.367	3.8	21.4
10 28	2 51.96	+ 8 34.1	4.388	5.366	2.1	21.3
11 7	2 46.92	+ 8 11.3	4.383	5.366	1.5	21.3
11 17	2 41.91	+ 7 51.6	4.408	5.365	2.9	21.4
11 27	2 37.32	+ 7 36.6	4.464	5.365	4.7	21.5
12 7	2 33.44	+ 7 27.4	4.547	5.364	6.4	21.6

516692 2008 UA_{150} 11 6.5 87°.29 0°.8/ 5.8 18

9 28	3 11.99	+15 14.6	2.507	3.295	12.4	21.8
10 8	3 7.77	+14 52.6	2.434	3.311	9.7	21.7
10 18	3 1.79	+14 24.2	2.385	3.327	6.6	21.5
10 28	2 54.56	+13 51.5	2.362	3.343	3.2	21.3
11 7	2 46.78	+13 17.3	2.368	3.358	0.9	21.1
11 17	2 39.19	+12 45.1	2.405	3.374	4.0	21.4
11 27	2 32.53	+12 18.1	2.471	3.389	7.2	21.6
12 7	2 27.36	+11 59.2	2.563	3.404	10.0	21.8

439795 2015 HQ_{60} 11 6.5 79°.96 5°.6/ 2.6 18

9 28	3 14.64	+ 5 33.8	1.703	2.522	16.0	20.9
10 8	3 10.46	+ 4 14.9	1.650	2.542	12.6	20.8
10 18	3 3.89	+ 2 54.0	1.619	2.562	9.0	20.6
10 28	2 55.64	+ 1 38.3	1.613	2.582	6.1	20.5
11 7	2 46.73	+ 0 35.1	1.634	2.602	5.9	20.5
11 17	2 38.21	− 0 10.0	1.683	2.621	8.5	20.7
11 27	2 31.09	− 0 33.5	1.757	2.641	11.7	20.9
12 7	2 26.04	− 0 35.2	1.854	2.660	14.6	21.2

43562 2001 FE_{97} 11 6.5 234°.00 1°.2/ 5.7 18

9 28	3 14.52	+12 27.7	2.510	3.298	12.4	19.2
10 8	3 9.94	+12 26.0	2.415	3.291	9.8	19.0
10 18	3 3.43	+12 20.4	2.342	3.285	6.7	18.8
10 28	2 55.47	+12 12.4	2.297	3.278	3.4	18.6
11 7	2 46.73	+12 4.1	2.282	3.271	1.3	18.4
11 17	2 38.02	+11 57.9	2.296	3.264	4.3	18.7
11 27	2 30.16	+11 56.6	2.341	3.256	7.6	18.9
12 7	2 23.83	+12 2.1	2.411	3.249	10.6	19.0

10395 Jirkahorn 11 6.5 334.°92 0.°9/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 11.53	+16 57.8	1.387	2.211	18.7	17.8
10 8	3 9.19	+16 30.3	1.306	2.203	14.9	17.5
10 18	3 3.77	+15 49.0	1.244	2.195	10.3	17.2
10 28	2 55.89	+14 56.8	1.205	2.188	5.1	16.9
11 7	2 46.70	+13 59.0	1.190	2.181	1.1	16.6
11 17	2 37.61	+13 2.8	1.202	2.175	6.3	17.0
11 27	2 30.04	+12 16.1	1.239	2.170	11.5	17.3
12 7	2 25.06	+11 44.9	1.298	2.165	16.0	17.5

269785 1999 TZ_{211} 11 6.5 55.°12 3.°1/ 3.9 16

9 28	3 17.81	+18 51.7	1.429	2.236	19.1	19.8
10 8	3 13.08	+16 20.2	1.384	2.274	14.8	19.6
10 18	3 5.60	+13 31.6	1.362	2.311	9.8	19.4
10 28	2 56.38	+10 36.4	1.368	2.349	4.9	19.2
11 7	2 46.71	+ 7 48.5	1.402	2.387	3.5	19.3
11 17	2 37.83	+ 5 20.7	1.467	2.424	7.5	19.6
11 27	2 30.80	+ 3 22.3	1.559	2.462	11.7	19.9
12 7	2 26.22	+ 1 56.5	1.675	2.499	15.2	20.2

180664 2004 GD_{60} 11 6.5 307.°29 1.°6/ 5.4 18

9 28	3 13.32	+13 21.3	1.926	2.731	15.0	20.3
10 8	3 9.57	+12 59.3	1.841	2.727	11.8	20.1
10 18	3 3.46	+12 30.4	1.778	2.724	8.1	19.9
10 28	2 55.55	+11 57.2	1.740	2.721	4.1	19.6
11 7	2 46.74	+11 23.5	1.730	2.718	1.8	19.5
11 17	2 38.02	+10 53.8	1.748	2.715	5.4	19.7
11 27	2 30.43	+10 32.3	1.794	2.713	9.4	20.0
12 7	2 24.78	+10 22.4	1.864	2.710	12.9	20.2

212481 2006 QM_{81} 11 6.5 84.°67 1.°8/ 5.3 18

9 28	3 15.00	+13 30.5	1.906	2.708	15.2	21.3
10 8	3 10.65	+12 59.1	1.840	2.725	11.9	21.1
10 18	3 4.01	+12 20.6	1.795	2.741	8.1	20.9
10 28	2 55.73	+11 38.3	1.777	2.758	4.0	20.7
11 7	2 46.74	+10 56.5	1.786	2.774	1.9	20.6
11 17	2 38.05	+10 19.7	1.824	2.791	5.3	20.9
11 27	2 30.62	+ 9 52.4	1.891	2.807	9.1	21.1
12 7	2 25.16	+ 9 37.4	1.981	2.823	12.4	21.4

398427 2011 UC_{9} 11 6.5 148.°69 0.°2/ 6.3 18

9 28	3 13.23	+18 54.6	2.142	2.928	14.2	21.2
10 8	3 9.20	+18 17.0	2.058	2.933	11.3	21.0
10 18	3 3.02	+17 28.2	1.996	2.937	7.8	20.8
10 28	2 55.27	+16 30.2	1.961	2.941	3.9	20.6
11 7	2 46.77	+15 27.2	1.954	2.945	0.3	20.3
11 17	2 38.45	+14 24.1	1.977	2.948	4.4	20.6
11 27	2 31.23	+13 26.7	2.028	2.951	8.2	20.9
12 7	2 25.79	+12 39.5	2.106	2.954	11.5	21.1

68170 2001 BS_{32} 11 6.5 333.°57 8.°7/ 1.1 18

9 28	3 6.15	+ 2 46.0	1.220	2.077	18.8	18.3
10 8	3 5.27	+ 1 18.2	1.141	2.053	15.3	18.0
10 18	3 1.28	− 0 14.0	1.081	2.031	11.7	17.7
10 28	2 54.76	− 1 40.1	1.043	2.010	9.0	17.5
11 7	2 46.79	− 2 48.2	1.027	1.990	9.4	17.5
11 17	2 38.78	− 3 28.3	1.034	1.972	12.6	17.6
11 27	2 32.22	− 3 34.1	1.061	1.955	16.7	17.8
12 7	2 28.27	− 3 5.8	1.107	1.940	20.7	18.0

395997 2013 BE_{43} 11 6.5 137.°98 4.°0/ 3.6 18

9 28	3 14.59	+ 5 50.0	2.195	2.997	13.4	21.3
10 8	3 10.05	+ 5 10.1	2.122	3.005	10.6	21.1
10 18	3 3.49	+ 4 28.9	2.071	3.012	7.5	20.9
10 28	2 55.47	+ 3 50.6	2.048	3.020	4.8	20.8
11 7	2 46.78	+ 3 19.4	2.053	3.027	4.2	20.7
11 17	2 38.28	+ 2 59.2	2.087	3.033	6.5	20.9
11 27	2 30.82	+ 2 52.6	2.148	3.039	9.5	21.1
12 7	2 25.06	+ 3 0.7	2.235	3.045	12.3	21.3

294564 2007 YA_{46} 11 6.5 19.°90 0.°8/ 7.0 18

9 28	3 12.72	+20 6.5	1.692	2.493	16.9	21.0
10 8	3 9.48	+19 55.2	1.615	2.496	13.5	20.8
10 18	3 3.58	+19 31.1	1.557	2.499	9.4	20.6
10 28	2 55.67	+18 55.3	1.524	2.503	4.9	20.3
11 7	2 46.76	+18 11.2	1.517	2.508	0.8	20.0
11 17	2 38.04	+17 23.7	1.538	2.513	4.8	20.3
11 27	2 30.69	+16 39.3	1.586	2.518	9.3	20.6
12 7	2 25.54	+16 3.6	1.658	2.523	13.2	20.9

101214 1998 SF_{52} 11 6.5 196.°95 1.°5/ 7.6 18

9 28	3 16.09	+21 38.0	2.153	2.926	14.6	20.7
10 8	3 11.63	+21 38.2	2.061	2.924	11.8	20.5
10 18	3 4.83	+21 27.5	1.990	2.922	8.4	20.3
10 28	2 56.25	+21 5.8	1.944	2.919	4.6	20.1
11 7	2 46.73	+20 34.9	1.927	2.916	1.5	19.8
11 17	2 37.29	+19 58.1	1.940	2.913	4.2	20.0
11 27	2 28.95	+19 20.2	1.981	2.909	8.0	20.3
12 7	2 22.51	+18 46.3	2.049	2.905	11.4	20.5

515826 2015 ML_{121} 11 6.5 67.°37 5.°3/ 2.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 14.30	+ 5 41.2	1.742	2.559	15.8	21.3
10 8	3 10.10	+ 4 28.1	1.693	2.584	12.4	21.1
10 18	3 3.58	+ 3 13.7	1.665	2.609	8.8	21.0
10 28	2 55.49	+ 2 4.5	1.664	2.634	5.9	20.9
11 7	2 46.78	+ 1 7.2	1.689	2.659	5.6	20.9
11 17	2 38.51	+ 0 27.0	1.742	2.683	8.1	21.1
11 27	2 31.60	+ 0 6.9	1.821	2.708	11.2	21.4
12 7	2 26.70	+ 0 7.2	1.923	2.732	14.1	21.6

196015 2002 RD_{263} 11 6.5 154.°75 1.°8/ 4.8 18

9 28	3 9.88	+13 25.4	2.468	3.265	12.3	20.7
10 8	3 6.25	+12 37.5	2.383	3.266	9.6	20.5
10 18	3 0.85	+11 42.6	2.321	3.267	6.6	20.3
10 28	2 54.16	+10 44.0	2.287	3.267	3.4	20.1
11 7	2 46.85	+ 9 45.8	2.282	3.268	2.0	20.0
11 17	2 39.66	+ 8 52.4	2.306	3.269	4.7	20.2
11 27	2 33.34	+ 8 8.0	2.360	3.270	7.9	20.4
12 7	2 28.48	+ 7 35.6	2.439	3.270	10.8	20.6

178808 2001 FF_{63} 11 6.5 135.°28 5.°4/ 3.1 16

9 28	3 16.47	+ 6 3.1	1.638	2.455	16.6	20.4
10 8	3 12.21	+ 4 58.7	1.571	2.463	13.2	20.2
10 18	3 5.32	+ 3 51.1	1.525	2.470	9.4	20.0
10 28	2 56.47	+ 2 47.0	1.504	2.476	6.1	19.8
11 7	2 46.73	+ 1 53.5	1.510	2.482	5.7	19.8
11 17	2 37.28	+ 1 16.6	1.543	2.488	8.5	20.0
11 27	2 29.25	+ 1 0.3	1.602	2.494	12.1	20.2
12 7	2 23.46	+ 1 5.3	1.684	2.499	15.5	20.5

403523 2010 CN_{150} 11 6.5 349.°87 16.°3/14.4 17

9 28	3 24.90	+43 21.2	1.184	1.910	26.6	20.3
10 8	3 22.67	+45 49.1	1.115	1.907	24.1	20.1
10 18	3 15.06	+47 52.4	1.059	1.905	21.3	19.9
10 28	3 2.39	+49 16.6	1.019	1.904	18.6	19.7
11 7	2 46.39	+49 48.7	0.996	1.903	16.7	19.6
11 17	2 30.03	+49 23.7	0.994	1.902	16.3	19.6
11 27	2 16.61	+48 9.1	1.011	1.902	17.6	19.6
12 7	2 8.31	+46 23.0	1.046	1.902	19.9	19.8

289744 2005 JO_{49} 11 6.5 100.°25 2.°0/ 5.2 18

9 28	3 14.40	+12 35.9	1.948	2.751	14.9	20.6
10 8	3 10.25	+12 7.8	1.873	2.758	11.7	20.4
10 18	3 3.81	+11 33.4	1.820	2.766	8.0	20.2
10 28	2 55.69	+10 55.8	1.792	2.773	4.1	20.0
11 7	2 46.78	+10 19.0	1.793	2.780	2.1	19.8
11 17	2 38.07	+ 9 47.5	1.822	2.788	5.4	20.1
11 27	2 30.55	+ 9 25.4	1.880	2.795	9.2	20.3
12 7	2 24.94	+ 9 15.5	1.961	2.802	12.6	20.5

504555 2008 SO_{266} 11 6.5 44.°43 0.°5/ 1.3 18

9 28	2 50.56	− 1 15.9	33.283	34.076	1.0	21.6
10 8	2 49.83	− 1 22.5	33.211	34.083	0.8	21.6
10 18	2 49.00	− 1 28.8	33.165	34.089	0.6	21.6
10 28	2 48.11	− 1 34.5	33.147	34.096	0.5	21.6
11 7	2 47.18	− 1 39.4	33.158	34.102	0.5	21.6
11 17	2 46.25	− 1 43.3	33.198	34.109	0.7	21.6
11 27	2 45.36	− 1 46.2	33.267	34.115	0.9	21.6
12 7	2 44.55	− 1 47.8	33.362	34.122	1.1	21.6

261655 2005 YB_{103} 11 6.5 304.°69 0.°9/ 5.9 17

9 28	3 11.41	+15 32.1	1.998	2.801	14.6	21.1
10 8	3 8.16	+15 11.6	1.898	2.783	11.6	20.8
10 18	3 2.60	+14 42.2	1.819	2.765	8.0	20.6
10 28	2 55.21	+14 6.2	1.766	2.748	4.0	20.3
11 7	2 46.80	+13 26.8	1.740	2.731	1.0	20.0
11 17	2 38.35	+12 48.6	1.743	2.714	5.0	20.3
11 27	2 30.90	+12 16.5	1.773	2.697	9.1	20.5
12 7	2 25.30	+11 54.7	1.829	2.680	12.8	20.7

219221 1999 VF_{123} 11 6.5 326.°21 0.°8/ 5.9 17

9 28	3 8.47	+16 31.6	1.630	2.449	16.6	20.2
10 8	3 6.57	+16 9.8	1.523	2.418	13.3	19.9
10 18	3 1.95	+15 35.9	1.437	2.387	9.3	19.6
10 28	2 55.07	+14 52.0	1.374	2.357	4.7	19.3
11 7	2 46.80	+14 2.0	1.337	2.327	1.0	18.9
11 17	2 38.33	+13 11.8	1.326	2.299	5.8	19.2
11 27	2 30.98	+12 28.4	1.341	2.271	10.8	19.4
12 7	2 25.82	+11 58.0	1.379	2.245	15.3	19.6

263326 2008 CT_{51} 11 6.5 187.°85 2.°8/ 4.6 18

9 28	3 13.60	+10 11.8	1.991	2.797	14.5	20.9
10 8	3 9.63	+ 9 38.9	1.910	2.797	11.4	20.7
10 18	3 3.42	+ 9 1.0	1.851	2.797	7.9	20.5
10 28	2 55.53	+ 8 22.0	1.818	2.797	4.3	20.3
11 7	2 46.80	+ 7 46.2	1.813	2.797	3.0	20.2
11 17	2 38.21	+ 7 17.9	1.836	2.796	6.0	20.4
11 27	2 30.72	+ 7 1.1	1.887	2.796	9.6	20.6
12 7	2 25.08	+ 6 57.9	1.963	2.796	12.9	20.9

283780 2003 QJ_{22} 11 6.5 54°.98 5°.7/10.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 17.14	+31 18.4	1.611	2.370	19.3	20.9
10 8	3 13.38	+31 46.4	1.541	2.384	16.1	20.7
10 18	3 6.47	+31 53.9	1.489	2.398	12.5	20.5
10 28	2 57.16	+31 37.9	1.459	2.412	8.7	20.3
11 7	2 46.73	+30 58.7	1.454	2.426	6.0	20.2
11 17	2 36.61	+30 0.1	1.476	2.440	6.5	20.3
11 27	2 28.23	+28 50.5	1.524	2.455	9.7	20.5
12 7	2 22.52	+27 39.4	1.596	2.470	13.1	20.7

436818 2012 RK_{26} 11 6.5 60°.09 1°.8/ 5.5 18

9 28	3 16.95	+14 22.0	1.415	2.233	18.7	21.1
10 8	3 12.90	+13 52.2	1.360	2.254	14.7	20.9
10 18	3 5.89	+13 13.0	1.325	2.275	10.0	20.6
10 28	2 56.76	+12 28.3	1.314	2.296	4.9	20.4
11 7	2 46.76	+11 43.6	1.328	2.318	2.0	20.3
11 17	2 37.25	+11 4.9	1.370	2.339	6.3	20.6
11 27	2 29.48	+10 37.8	1.437	2.361	10.8	20.9
12 7	2 24.26	+10 25.6	1.528	2.383	14.8	21.2

231670 1993 UN_5 11 6.5 2°.33 2°.6/ 5.1 18

9 28	3 12.06	+10 1.9	1.690	2.511	16.0	19.7
10 8	3 8.87	+ 9 52.6	1.614	2.509	12.7	19.5
10 18	3 3.13	+ 9 39.7	1.560	2.509	8.7	19.3
10 28	2 55.47	+ 9 26.3	1.529	2.510	4.6	19.0
11 7	2 46.82	+ 9 16.3	1.525	2.511	2.8	18.9
11 17	2 38.32	+ 9 13.1	1.548	2.514	6.2	19.1
11 27	2 31.08	+ 9 20.0	1.598	2.517	10.2	19.4
12 7	2 25.94	+ 9 38.9	1.670	2.521	13.9	19.6

207982 1997 AY_8 11 6.5 6°.61 6°.0/ 3.4 18

9 28	3 8.99	+ 6 42.7	1.174	2.027	19.6	19.3
10 8	3 7.35	+ 5 47.5	1.115	2.028	15.5	19.0
10 18	3 2.52	+ 4 48.6	1.075	2.030	11.1	18.8
10 28	2 55.26	+ 3 53.9	1.056	2.033	7.0	18.6
11 7	2 46.84	+ 3 12.0	1.060	2.038	6.3	18.6
11 17	2 38.71	+ 2 50.0	1.088	2.044	9.7	18.8
11 27	2 32.29	+ 2 52.0	1.139	2.052	14.1	19.0
12 7	2 28.52	+ 3 18.0	1.209	2.061	18.0	19.3

294204 2007 TS_{430} 11 6.5 165°.83 1°.0/ 7.1 16

9 28	3 22.21	+19 49.4	1.920	2.693	16.1	21.9
10 8	3 16.64	+19 52.1	1.835	2.700	12.9	21.7
10 18	3 8.38	+19 44.2	1.772	2.706	9.1	21.5
10 28	2 58.06	+19 25.8	1.734	2.711	4.8	21.3
11 7	2 46.71	+18 58.6	1.724	2.714	1.0	21.0
11 17	2 35.52	+18 26.3	1.745	2.717	4.6	21.3
11 27	2 25.70	+17 54.1	1.794	2.720	8.9	21.5
12 7	2 18.13	+17 27.2	1.869	2.721	12.6	21.8

358755 2008 CJ_{176} 11 6.5 266°.12 4°.2/ 3.8 18

9 28	3 14.51	+ 5 38.0	2.033	2.840	14.2	20.7
10 8	3 10.38	+ 5 7.7	1.945	2.830	11.3	20.5
10 18	3 3.98	+ 4 36.1	1.878	2.821	8.1	20.3
10 28	2 55.86	+ 4 7.4	1.838	2.811	5.1	20.1
11 7	2 46.82	+ 3 46.0	1.825	2.801	4.4	20.0
11 17	2 37.82	+ 3 35.8	1.841	2.791	6.9	20.2
11 27	2 29.86	+ 3 39.7	1.884	2.781	10.3	20.4
12 7	2 23.72	+ 3 58.8	1.951	2.770	13.5	20.5

510230 2011 ER_{67} 11 6.5 225°.03 0°.4/ 6.8 18

9 28	3 17.02	+19 7.3	1.833	2.622	16.2	22.8
10 8	3 12.82	+18 53.2	1.739	2.614	13.0	22.6
10 18	3 5.92	+18 27.4	1.666	2.606	9.1	22.3
10 28	2 56.91	+17 50.6	1.619	2.598	4.7	22.0
11 7	2 46.76	+17 6.0	1.598	2.589	0.4	21.7
11 17	2 36.65	+16 18.1	1.607	2.580	4.9	22.0
11 27	2 27.80	+15 33.2	1.643	2.570	9.4	22.3
12 7	2 21.14	+14 57.0	1.704	2.560	13.4	22.5

509415 2007 EE_{28} 11 6.5 215°.61 0°.4/ 6.2 18

9 28	3 16.28	+17 29.8	1.920	2.711	15.5	22.2
10 8	3 12.03	+17 3.9	1.828	2.705	12.3	22.0
10 18	3 5.26	+16 27.1	1.756	2.698	8.5	21.8
10 28	2 56.54	+15 41.3	1.711	2.691	4.3	21.5
11 7	2 46.79	+14 50.0	1.693	2.684	0.6	21.2
11 17	2 37.11	+13 58.3	1.705	2.676	5.0	21.5
11 27	2 28.63	+13 12.3	1.745	2.667	9.3	21.8
12 7	2 22.20	+12 36.8	1.810	2.658	13.1	22.0

303573 2005 GC_{111} 11 6.5 138°.85 2°.6/ 4.7 18

9 28	3 15.32	+10 3.5	2.156	2.954	13.8	21.2
10 8	3 10.71	+ 9 33.6	2.080	2.963	10.8	21.0
10 18	3 4.01	+ 8 59.6	2.027	2.971	7.5	20.8
10 28	2 55.78	+ 8 24.8	2.000	2.978	4.0	20.6
11 7	2 46.83	+ 7 53.1	2.001	2.985	2.8	20.6
11 17	2 38.08	+ 7 28.3	2.033	2.992	5.6	20.8
11 27	2 30.40	+ 7 13.8	2.092	2.998	8.9	21.0
12 7	2 24.48	+ 7 11.4	2.177	3.004	12.0	21.2

483505 2002 XD_{31} 11 6.5 323°.37 4°.2/ 9.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 8.99	+27 41.0	1.509	2.302	18.9	21.1
10 8	3 7.55	+27 48.0	1.402	2.272	15.8	20.8
10 18	3 2.98	+27 34.6	1.313	2.242	12.0	20.5
10 28	2 55.73	+26 57.9	1.245	2.212	7.8	20.2
11 7	2 46.83	+25 58.2	1.201	2.184	4.4	19.9
11 17	2 37.67	+24 39.7	1.183	2.157	6.1	19.9
11 27	2 29.85	+23 11.6	1.189	2.130	10.7	20.1
12 7	2 24.66	+21 45.2	1.219	2.105	15.5	20.3

258749 2002 GZ_{177} 11 6.5 244°.02 1°.9/ 7.7 16

9 28	3 16.57	+23 18.1	1.517	2.310	18.8	21.3
10 8	3 13.12	+23 5.8	1.430	2.304	15.3	21.0
10 18	3 6.49	+22 35.8	1.361	2.298	11.0	20.8
10 28	2 57.32	+21 47.8	1.315	2.291	6.1	20.5
11 7	2 46.77	+20 44.8	1.295	2.284	2.0	20.2
11 17	2 36.31	+19 33.0	1.302	2.277	5.5	20.4
11 27	2 27.43	+18 21.3	1.336	2.270	10.5	20.7
12 7	2 21.21	+17 18.7	1.393	2.263	15.0	20.9

121870 2000 CB_{98} 11 6.5 213°.85 2°.6/ 4.2 17

9 28	3 11.57	+ 8 59.5	2.591	3.388	11.8	20.3
10 8	3 7.51	+ 8 26.6	2.502	3.384	9.3	20.2
10 18	3 1.72	+ 7 50.5	2.437	3.380	6.4	20.0
10 28	2 54.64	+ 7 14.1	2.398	3.375	3.6	19.8
11 7	2 46.91	+ 6 41.0	2.390	3.371	2.8	19.7
11 17	2 39.26	+ 6 14.6	2.411	3.366	5.1	19.9
11 27	2 32.42	+ 5 57.7	2.461	3.361	8.0	20.1
12 7	2 26.97	+ 5 52.2	2.536	3.356	10.7	20.2

193341 2000 UE_7 11 6.5 318°.77 0°.5/ 6.8 18

9 28	3 14.09	+18 38.2	1.556	2.364	17.8	19.8
10 8	3 11.01	+18 36.6	1.469	2.355	14.3	19.5
10 18	3 4.97	+18 23.2	1.401	2.346	10.0	19.2
10 28	2 56.54	+17 58.7	1.357	2.337	5.2	18.9
11 7	2 46.81	+17 26.0	1.338	2.329	0.6	18.6
11 17	2 37.10	+16 49.7	1.347	2.322	5.4	18.9
11 27	2 28.80	+16 16.2	1.381	2.314	10.3	19.2
12 7	2 22.95	+15 51.4	1.439	2.307	14.7	19.4

404240 2013 EK_9 11 6.5 90°.74 2°.6/ 8.8 18

9 28	3 16.97	+26 26.6	2.445	3.191	13.8	22.0
10 8	3 11.80	+26 27.6	2.377	3.219	11.2	21.8
10 18	3 4.62	+26 16.0	2.331	3.247	8.2	21.7
10 28	2 56.03	+25 51.5	2.310	3.274	5.0	21.5
11 7	2 46.85	+25 15.8	2.318	3.301	2.7	21.4
11 17	2 37.98	+24 32.1	2.357	3.327	3.9	21.5
11 27	2 30.25	+23 45.0	2.425	3.353	6.8	21.8
12 7	2 24.28	+22 59.5	2.521	3.378	9.5	22.0

269649 1993 BG_{11} 11 6.5 317°.03 3°.1/ 5.1 18

9 28	3 13.09	+11 21.7	1.287	2.123	19.2	20.4
10 8	3 10.82	+11 0.2	1.201	2.105	15.4	20.1
10 18	3 5.21	+10 30.8	1.133	2.087	10.8	19.7
10 28	2 56.83	+ 9 57.7	1.087	2.069	5.7	19.4
11 7	2 46.80	+ 9 26.6	1.065	2.052	3.3	19.2
11 17	2 36.67	+ 9 3.9	1.068	2.036	7.8	19.4
11 27	2 28.07	+ 8 55.8	1.095	2.021	13.2	19.7
12 7	2 22.25	+ 9 5.9	1.143	2.007	18.0	19.9

378612 2008 FW_{39} 11 6.5 241°.17 1°.4/ 5.6 18

9 28	3 17.52	+14 47.1	1.812	2.610	16.0	22.3
10 8	3 13.27	+14 20.3	1.714	2.596	12.8	22.1
10 18	3 6.30	+13 44.0	1.636	2.581	8.8	21.8
10 28	2 57.16	+13 0.4	1.584	2.565	4.4	21.5
11 7	2 46.79	+12 13.8	1.560	2.549	1.6	21.3
11 17	2 36.38	+11 29.4	1.564	2.532	5.8	21.5
11 27	2 27.17	+10 53.1	1.596	2.515	10.3	21.8
12 7	2 20.14	+10 29.6	1.652	2.497	14.4	22.0

152026 2004 NO_5 11 6.5 156°.21 1°.0/ 7.2 18

9 28	3 18.51	+20 11.0	1.961	2.739	15.7	21.1
10 8	3 13.67	+20 7.0	1.878	2.746	12.5	20.9
10 18	3 6.30	+19 51.9	1.816	2.751	8.8	20.7
10 28	2 57.03	+19 26.2	1.779	2.757	4.6	20.5
11 7	2 46.82	+18 52.3	1.771	2.762	1.0	20.2
11 17	2 36.78	+18 14.0	1.792	2.766	4.5	20.5
11 27	2 28.03	+17 36.6	1.842	2.769	8.6	20.7
12 7	2 21.37	+17 5.2	1.918	2.773	12.2	21.0

40077 1998 MZ_4 11 6.5 176°.76 4°.8/ 2.6 18

9 28	3 13.74	+ 5 43.5	2.095	2.902	13.8	19.4
10 8	3 9.56	+ 4 31.4	2.018	2.904	11.0	19.2
10 18	3 3.28	+ 3 16.2	1.964	2.905	7.9	19.0
10 28	2 55.46	+ 2 3.5	1.937	2.906	5.3	18.9
11 7	2 46.90	+ 0 59.5	1.939	2.906	5.2	18.9
11 17	2 38.51	+ 0 9.6	1.969	2.906	7.5	19.0
11 27	2 31.18	− 0 22.2	2.026	2.906	10.6	19.2
12 7	2 25.58	− 0 34.6	2.107	2.905	13.4	19.4

236639 2006 KJ_{39} 11 6.5 131°.93 4°.2/ 9.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 20.96	+28 14.0	2.164	2.903	15.5	20.8
10 8	3 15.57	+28 50.4	2.081	2.915	12.8	20.7
10 18	3 7.61	+29 13.5	2.019	2.926	9.7	20.5
10 28	2 57.70	+29 20.8	1.982	2.937	6.5	20.3
11 7	2 46.79	+29 11.8	1.973	2.947	4.3	20.2
11 17	2 36.03	+28 48.4	1.993	2.957	5.2	20.3
11 27	2 26.55	+28 15.2	2.042	2.967	8.1	20.5
12 7	2 19.20	+27 38.4	2.118	2.975	11.1	20.7

490478 2009 SG_{349} 11 6.5 349°.21 3°.8/ 8.1 17

9 28	3 18.50	+21 50.0	1.724	2.507	17.3	20.1
10 8	3 14.49	+23 5.2	1.633	2.499	14.2	19.9
10 18	3 7.44	+24 13.5	1.563	2.492	10.5	19.6
10 28	2 57.87	+25 11.5	1.517	2.485	6.5	19.4
11 7	2 46.78	+25 56.5	1.497	2.480	3.9	19.2
11 17	2 35.53	+26 27.7	1.506	2.475	5.8	19.3
11 27	2 25.58	+26 47.7	1.542	2.472	9.7	19.5
12 7	2 18.08	+27 1.2	1.602	2.469	13.5	19.8

156940 2003 FA_{121} 11 6.5 331°.20 2°.7/ 5.1 18

9 28	3 10.03	+13 12.4	1.256	2.097	19.3	19.8
10 8	3 8.39	+12 38.4	1.174	2.081	15.4	19.5
10 18	3 3.50	+11 52.9	1.111	2.066	10.7	19.2
10 28	2 55.94	+11 0.5	1.069	2.053	5.5	18.9
11 7	2 46.88	+10 7.8	1.052	2.040	3.0	18.7
11 17	2 37.82	+ 9 22.7	1.059	2.028	7.6	18.9
11 27	2 30.31	+ 8 52.9	1.089	2.017	13.0	19.2
12 7	2 25.54	+ 8 43.1	1.140	2.008	17.8	19.4

100636 1997 UY_{26} 11 6.5 336°.00 1°.8/ 6.9 18 R

9 28	3 18.13	+14 12.0	1.152	1.984	21.3	18.1
10 8	3 15.69	+15 32.6	1.063	1.962	17.4	17.8
10 18	3 9.24	+16 55.1	0.992	1.942	12.4	17.5
10 28	2 59.18	+18 17.3	0.942	1.924	6.6	17.1
11 7	2 46.71	+19 35.8	0.916	1.906	1.8	16.7
11 17	2 33.71	+20 47.5	0.915	1.891	6.9	17.0
11 27	2 22.39	+21 52.3	0.937	1.877	13.1	17.3
12 7	2 14.50	+22 53.2	0.981	1.865	18.5	17.6

255281 2005 VW_{71} 11 6.5 53°.33 1°.5/ 5.4 18

9 28	3 12.69	+13 34.9	2.079	2.880	14.1	20.8
10 8	3 8.86	+13 10.6	1.998	2.883	11.1	20.6
10 18	3 2.87	+12 39.6	1.940	2.886	7.6	20.4
10 28	2 55.29	+12 4.6	1.907	2.888	3.8	20.2
11 7	2 46.93	+11 29.2	1.903	2.891	1.6	20.0
11 17	2 38.71	+10 57.6	1.927	2.895	5.0	20.3
11 27	2 31.56	+10 33.8	1.980	2.898	8.7	20.5
12 7	2 26.18	+10 20.7	2.057	2.901	12.0	20.7

207032 2004 VN_{86} 11 6.5 34°.98 1°.8/ 5.7 16

9 28	3 16.16	+13 18.3	1.153	1.989	21.0	20.2
10 8	3 12.83	+13 8.8	1.109	2.012	16.4	20.0
10 18	3 6.11	+12 51.1	1.082	2.036	11.2	19.8
10 28	2 56.96	+12 28.7	1.078	2.061	5.5	19.6
11 7	2 46.86	+12 6.8	1.098	2.087	2.0	19.4
11 17	2 37.38	+11 50.6	1.143	2.114	6.7	19.8
11 27	2 29.94	+11 45.0	1.212	2.142	11.7	20.2
12 7	2 25.40	+11 52.7	1.302	2.171	15.9	20.5

355409 2007 UG_{87} 11 6.5 96°.42 0°.1/ 6.5 18

9 28	3 19.74	+15 30.4	1.945	2.732	15.5	20.8
10 8	3 14.50	+15 44.1	1.872	2.747	12.2	20.6
10 18	3 6.78	+15 51.4	1.821	2.761	8.4	20.4
10 28	2 57.24	+15 53.0	1.796	2.776	4.2	20.2
11 7	2 46.84	+15 50.7	1.799	2.790	0.2	19.9
11 17	2 36.68	+15 46.9	1.832	2.804	4.6	20.3
11 27	2 27.82	+15 45.1	1.894	2.818	8.6	20.5
12 7	2 21.06	+15 48.5	1.982	2.832	12.1	20.8

133180 2003 QH_{50} 11 6.5 319°.79 5°.1/ 9.9 17

9 28	3 15.91	+29 55.5	2.142	2.885	15.5	19.4
10 8	3 11.93	+30 42.9	2.044	2.877	13.1	19.2
10 18	3 5.36	+31 17.3	1.967	2.869	10.2	19.0
10 28	2 56.71	+31 35.5	1.913	2.861	7.3	18.8
11 7	2 46.86	+31 35.9	1.886	2.854	5.3	18.7
11 17	2 36.93	+31 19.6	1.887	2.846	5.9	18.7
11 27	2 28.11	+30 50.5	1.915	2.839	8.5	18.9
12 7	2 21.35	+30 14.9	1.969	2.833	11.5	19.0

405226 2003 SA_{41} 11 6.5 5°.72 6°.7/ 9.6 17

9 28	3 18.82	+28 54.3	1.717	2.477	18.2	20.0
10 8	3 14.91	+30 25.7	1.636	2.478	15.4	19.8
10 18	3 7.81	+31 45.0	1.574	2.480	12.1	19.6
10 28	2 58.07	+32 46.4	1.536	2.483	8.8	19.4
11 7	2 46.80	+33 26.2	1.522	2.486	6.8	19.3
11 17	2 35.44	+33 43.4	1.536	2.491	7.5	19.4
11 27	2 25.54	+33 41.9	1.575	2.497	10.2	19.5
12 7	2 18.29	+33 28.6	1.639	2.504	13.4	19.7

69868 1998 SU_{61} 11 6.5 50°.50 4°.9/10.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 15.67	+30 39.3	2.142	2.883	15.6	19.0
10 8	3 11.52	+31 13.4	2.060	2.891	13.1	18.8
10 18	3 4.90	+31 32.5	1.998	2.899	10.1	18.7
10 28	2 56.38	+31 34.1	1.959	2.907	7.1	18.5
11 7	2 46.90	+31 18.0	1.948	2.916	5.1	18.4
11 17	2 37.54	+30 46.1	1.964	2.925	5.6	18.4
11 27	2 29.41	+30 3.5	2.008	2.934	8.1	18.6
12 7	2 23.33	+29 16.6	2.078	2.943	11.0	18.8

394150 2006 KW_{115} 11 6.5 215°.09 0°.6/ 6.0 18

9 28	3 14.99	+17 0.5	2.208	2.994	13.9	22.8
10 8	3 10.66	+16 28.6	2.112	2.987	11.0	22.6
10 18	3 4.15	+15 47.0	2.038	2.979	7.6	22.4
10 28	2 55.97	+14 57.7	1.990	2.971	3.8	22.1
11 7	2 46.92	+14 4.1	1.972	2.962	0.8	21.9
11 17	2 37.93	+13 10.9	1.983	2.953	4.6	22.1
11 27	2 29.95	+12 23.3	2.024	2.943	8.4	22.4
12 7	2 23.74	+11 45.7	2.090	2.933	11.8	22.6

316519 2010 VO_{169} 11 6.5 102°.37 0°.1/ 6.5 18

9 28	3 12.92	+17 51.7	2.223	3.010	13.8	20.8
10 8	3 8.91	+17 32.1	2.142	3.017	10.9	20.6
10 18	3 2.85	+17 3.4	2.083	3.023	7.5	20.4
10 28	2 55.26	+16 27.4	2.049	3.030	3.7	20.2
11 7	2 46.96	+15 47.1	2.045	3.036	0.2	19.9
11 17	2 38.81	+15 6.3	2.070	3.042	4.1	20.3
11 27	2 31.69	+14 29.6	2.124	3.048	7.8	20.5
12 7	2 26.28	+14 0.9	2.203	3.054	11.0	20.7

327587 2006 DX_{159} 11 6.5 199°.37 1°.2/ 5.5 17

9 28	3 11.53	+14 5.2	2.686	3.473	11.6	22.1
10 8	3 7.46	+13 38.4	2.594	3.471	9.2	21.9
10 18	3 1.69	+13 5.6	2.526	3.468	6.3	21.7
10 28	2 54.66	+12 29.1	2.485	3.466	3.1	21.5
11 7	2 46.99	+11 51.6	2.474	3.463	1.3	21.3
11 17	2 39.41	+11 16.6	2.493	3.459	4.1	21.5
11 27	2 32.61	+10 47.4	2.541	3.456	7.2	21.7
12 7	2 27.19	+10 26.8	2.617	3.452	10.0	21.9

521706 2015 RF_{264} 11 6.6 119°.82 2°.1/ 4.9 18

9 28	3 13.06	+13 10.1	1.936	2.741	14.9	22.1
10 8	3 9.30	+12 27.5	1.856	2.744	11.7	21.8
10 18	3 3.26	+11 37.0	1.799	2.746	8.0	21.6
10 28	2 55.52	+10 42.2	1.767	2.748	4.1	21.4
11 7	2 46.96	+ 9 48.1	1.764	2.751	2.3	21.3
11 17	2 38.56	+ 9 0.0	1.789	2.753	5.7	21.5
11 27	2 31.32	+ 8 22.9	1.841	2.755	9.5	21.8
12 7	2 25.97	+ 8 0.0	1.918	2.757	12.9	22.0

484739 2008 YJ_{66} 11 6.6 321°.45 1°.2/ 5.9 18

9 28	3 12.90	+14 25.8	1.490	2.312	17.8	21.0
10 8	3 10.24	+14 19.3	1.400	2.295	14.2	20.7
10 18	3 4.58	+14 4.3	1.328	2.279	9.9	20.4
10 28	2 56.46	+13 42.8	1.280	2.263	5.0	20.1
11 7	2 46.90	+13 18.5	1.257	2.247	1.3	19.8
11 17	2 37.26	+12 56.2	1.261	2.233	6.1	20.1
11 27	2 28.98	+12 41.6	1.289	2.219	11.2	20.4
12 7	2 23.17	+12 38.9	1.340	2.206	15.7	20.6

141060 2001 XB_{7} 11 6.6 255°.58 1°.2/ 7.5 18

9 28	3 13.05	+22 14.5	2.244	3.019	14.0	20.4
10 8	3 9.24	+21 55.6	2.142	3.006	11.3	20.1
10 18	3 3.25	+21 24.3	2.061	2.994	8.1	19.9
10 28	2 55.56	+20 41.1	2.006	2.981	4.4	19.7
11 7	2 46.96	+19 48.4	1.979	2.968	1.2	19.4
11 17	2 38.37	+18 50.4	1.981	2.955	4.0	19.6
11 27	2 30.77	+17 52.6	2.013	2.942	7.8	19.8
12 7	2 24.92	+17 0.5	2.071	2.928	11.3	20.0

103344 2000 AC_{85} 11 6.6 273°.37 4°.9/10.2 18

9 28	3 15.39	+31 25.9	2.020	2.762	16.4	19.7
10 8	3 11.74	+31 37.1	1.911	2.744	13.8	19.5
10 18	3 5.36	+31 30.4	1.822	2.726	10.8	19.3
10 28	2 56.77	+31 3.0	1.755	2.707	7.5	19.0
11 7	2 46.90	+30 14.5	1.715	2.688	5.1	18.8
11 17	2 36.96	+29 7.7	1.703	2.668	5.8	18.8
11 27	2 28.21	+27 49.2	1.719	2.649	8.9	19.0
12 7	2 21.67	+26 27.7	1.761	2.630	12.4	19.2

70128 1999 NF_{4} 11 6.6 87°.87 2°.0/ 7.9 18

9 28	3 19.11	+23 11.6	1.811	2.586	16.9	20.0
10 8	3 14.18	+23 9.9	1.746	2.609	13.6	19.8
10 18	3 6.61	+22 54.3	1.702	2.632	9.6	19.6
10 28	2 57.16	+22 24.9	1.682	2.655	5.4	19.4
11 7	2 46.90	+21 44.2	1.690	2.678	2.0	19.2
11 17	2 37.03	+20 56.9	1.726	2.700	4.6	19.4
11 27	2 28.67	+20 9.1	1.791	2.722	8.5	19.7
12 7	2 22.60	+19 26.8	1.881	2.743	12.1	20.0

52597 1997 RM_9 11 6.6 66°.97 5°.8/10.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 20.48	+30 41.7	1.847	2.591	17.7	19.2
10 8	3 15.70	+31 35.1	1.776	2.608	14.8	19.1
10 18	3 7.96	+32 12.3	1.724	2.625	11.5	18.9
10 28	2 57.97	+32 29.5	1.695	2.642	8.2	18.7
11 7	2 46.86	+32 25.3	1.693	2.659	6.0	18.6
11 17	2 35.97	+32 1.6	1.717	2.676	6.5	18.7
11 27	2 26.65	+31 24.3	1.770	2.693	9.1	18.9
12 7	2 19.82	+30 40.9	1.847	2.710	12.2	19.1

485282 2010 XO_{76} 11 6.6 283°.32 2°.3/ 8.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 12.06	+25 44.4	2.206	2.972	14.5	21.3
10 8	3 8.52	+25 29.9	2.109	2.965	11.8	21.1
10 18	3 2.76	+25 0.7	2.033	2.958	8.7	20.9
10 28	2 55.31	+24 17.0	1.982	2.952	5.2	20.7
11 7	2 46.98	+23 20.6	1.959	2.945	2.4	20.5
11 17	2 38.73	+22 15.9	1.965	2.938	4.1	20.6
11 27	2 31.53	+21 8.7	2.000	2.932	7.7	20.8
12 7	2 26.12	+20 5.3	2.061	2.925	11.1	21.0

4865 Sor 11 6.6 297°.01 0°.1/ 6.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 14.73	+16 26.0	2.201	2.989	13.9	17.3
10 8	3 10.52	+16 34.9	2.108	2.983	11.0	17.1
10 18	3 4.11	+16 37.3	2.037	2.977	7.7	16.9
10 28	2 55.99	+16 34.0	1.992	2.971	3.9	16.6
11 7	2 46.95	+16 26.5	1.975	2.966	0.2	16.3
11 17	2 37.93	+16 17.3	1.988	2.960	4.2	16.6
11 27	2 29.90	+16 9.8	2.029	2.955	8.0	16.9
12 7	2 23.63	+16 7.2	2.096	2.949	11.4	17.1

383 Janina 11 6.6 348°.70 1°.2/ 5.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 10.52	+14 20.8	1.831	2.643	15.3	14.2
10 8	3 7.59	+14 5.2	1.747	2.637	12.1	14.0
10 18	3 2.27	+13 42.0	1.683	2.631	8.3	13.7
10 28	2 55.11	+13 13.5	1.644	2.627	4.1	13.5
11 7	2 47.00	+12 43.6	1.633	2.622	1.3	13.3
11 17	2 38.95	+12 16.3	1.648	2.619	5.2	13.5
11 27	2 32.04	+11 56.4	1.691	2.616	9.4	13.8
12 7	2 27.08	+11 47.2	1.758	2.614	13.1	14.0

133680 2003 US_{198} 11 6.6 296°.53 2°.4/ 4.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 9.94	+11 41.9	2.296	3.099	12.9	19.9
10 8	3 6.53	+10 53.0	2.208	3.094	10.1	19.7
10 18	3 1.21	+ 9 57.7	2.143	3.089	6.9	19.5
10 28	2 54.48	+ 8 59.6	2.104	3.084	3.7	19.3
11 7	2 47.03	+ 8 3.2	2.095	3.079	2.6	19.2
11 17	2 39.67	+ 7 13.3	2.114	3.074	5.4	19.4
11 27	2 33.21	+ 6 34.1	2.162	3.069	8.7	19.6
12 7	2 28.29	+ 6 8.6	2.235	3.064	11.7	19.8

71887 2000 WW 11 6.6 174°.21 0°.1/ 6.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 20.51	+17 8.6	1.675	2.468	17.3	19.2
10 8	3 15.75	+17 10.0	1.593	2.470	13.8	19.0
10 18	3 8.04	+17 1.9	1.530	2.472	9.6	18.7
10 28	2 58.05	+16 45.1	1.493	2.473	4.9	18.4
11 7	2 46.88	+16 22.0	1.483	2.474	0.2	18.1
11 17	2 35.83	+15 56.6	1.501	2.474	5.2	18.5
11 27	2 26.26	+15 34.3	1.547	2.474	9.9	18.8
12 7	2 19.14	+15 19.9	1.617	2.473	14.0	19.0

223459 2003 UG_{65} 11 6.6 38°.27 1°.6/ 6.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 25.12	+ 8 20.0	1.781	2.573	16.5	19.0
10 8	3 18.81	+ 9 10.9	1.717	2.594	13.0	18.8
10 18	3 9.78	+10 2.7	1.674	2.615	9.0	18.6
10 28	2 58.76	+10 55.7	1.658	2.638	4.5	18.4
11 7	2 46.86	+11 49.7	1.671	2.661	1.7	18.3
11 17	2 35.30	+12 44.4	1.715	2.684	5.3	18.6
11 27	2 25.26	+13 40.3	1.788	2.708	9.3	18.8
12 7	2 17.59	+14 38.1	1.887	2.732	12.8	19.1

181734 1995 UQ_6 11 6.6 15°.71 3°.0/ 5.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 12.32	+12 6.6	1.093	1.942	21.1	19.4
10 8	3 10.31	+11 40.1	1.035	1.946	16.7	19.1
10 18	3 4.77	+11 4.7	0.994	1.951	11.5	18.8
10 28	2 56.52	+10 25.6	0.974	1.958	5.9	18.6
11 7	2 46.95	+ 9 49.5	0.978	1.966	3.2	18.4
11 17	2 37.75	+ 9 23.5	1.005	1.975	7.8	18.7
11 27	2 30.48	+ 9 13.5	1.055	1.985	13.1	19.1
12 7	2 26.19	+ 9 22.1	1.125	1.996	17.7	19.4

484975 2009 TX_{46} 11 6.6 12°.49 1°.6/ 7.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 18.59	+18 23.0	1.977	2.759	15.4	20.1
10 8	3 13.87	+19 7.0	1.892	2.761	12.4	19.9
10 18	3 6.59	+19 44.7	1.828	2.763	8.8	19.7
10 28	2 57.30	+20 15.0	1.789	2.765	4.8	19.5
11 7	2 46.93	+20 37.7	1.779	2.768	1.6	19.3
11 17	2 36.59	+20 53.7	1.798	2.771	4.5	19.5
11 27	2 27.44	+21 5.8	1.846	2.775	8.4	19.7
12 7	2 20.37	+21 17.5	1.919	2.779	12.0	20.0

27968 Bobylapointe 11 6.6 96°.54 0°.4/ 6.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 18.01	+17 32.5	1.661	2.459	17.2	19.3
10 8	3 13.51	+17 9.9	1.595	2.476	13.6	19.1
10 18	3 6.27	+16 36.2	1.549	2.492	9.4	18.9
10 28	2 57.05	+15 53.5	1.527	2.508	4.6	18.6
11 7	2 46.95	+15 6.2	1.533	2.524	0.5	18.3
11 17	2 37.20	+14 19.6	1.567	2.539	5.2	18.7
11 27	2 28.98	+13 39.8	1.628	2.554	9.6	19.0
12 7	2 23.10	+13 11.3	1.714	2.569	13.4	19.3

254930 2005 SH_{135} 11 6.6 84°.64 0°.6/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 14.17	+19 5.6	2.076	2.862	14.6	21.7
10 8	3 10.16	+19 0.8	1.991	2.864	11.7	21.5
10 18	3 3.87	+18 46.3	1.928	2.867	8.2	21.3
10 28	2 55.87	+18 23.0	1.890	2.869	4.2	21.0
11 7	2 47.00	+17 53.2	1.881	2.871	0.6	20.8
11 17	2 38.26	+17 20.6	1.900	2.874	4.2	21.1
11 27	2 30.62	+16 49.8	1.948	2.876	8.1	21.3
12 7	2 24.86	+16 25.0	2.022	2.879	11.6	21.5

98967 2001 DT_2 11 6.6 94°.76 1°.2/ 5.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 12.80	+14 16.0	2.361	3.152	12.9	19.4
10 8	3 8.60	+13 50.9	2.286	3.165	10.1	19.2
10 18	3 2.52	+13 19.6	2.235	3.178	6.9	19.1
10 28	2 55.09	+12 44.3	2.210	3.191	3.4	18.9
11 7	2 47.05	+12 8.5	2.214	3.203	1.3	18.7
11 17	2 39.19	+11 35.5	2.248	3.216	4.3	19.0
11 27	2 32.32	+11 9.0	2.311	3.228	7.7	19.2
12 7	2 27.02	+10 51.8	2.400	3.240	10.6	19.4

24923 Claralouisa 11 6.6 200°.13 1°.6/ 7.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 19.22	+21 8.9	1.793	2.574	16.8	19.3
10 8	3 14.69	+21 14.4	1.703	2.571	13.6	19.1
10 18	3 7.33	+21 8.0	1.634	2.568	9.7	18.8
10 28	2 57.73	+20 49.1	1.589	2.565	5.3	18.6
11 7	2 46.93	+20 19.4	1.572	2.561	1.6	18.3
11 17	2 36.20	+19 42.7	1.583	2.557	4.9	18.5
11 27	2 26.82	+19 4.9	1.622	2.552	9.3	18.8
12 7	2 19.78	+18 31.9	1.687	2.547	13.3	19.0

199567 2006 EA_{48} 11 6.6 100°.18 3°.1/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 12.24	+ 7 28.2	2.539	3.337	11.9	20.6
10 8	3 7.94	+ 6 52.5	2.470	3.352	9.4	20.4
10 18	3 1.96	+ 6 14.9	2.425	3.366	6.5	20.3
10 28	2 54.78	+ 5 38.8	2.406	3.381	3.9	20.1
11 7	2 47.08	+ 5 7.7	2.417	3.395	3.2	20.1
11 17	2 39.56	+ 4 44.7	2.458	3.409	5.4	20.3
11 27	2 32.93	+ 4 32.5	2.527	3.422	8.1	20.5
12 7	2 27.74	+ 4 32.2	2.622	3.436	10.6	20.6

202582 2006 FW_{36} 11 6.6 153°.09 4°.5/ 4.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 20.90	+ 3 9.4	2.029	2.823	14.7	20.4
10 8	3 15.26	+ 2 56.9	1.952	2.828	11.7	20.2
10 18	3 7.27	+ 2 46.4	1.898	2.834	8.4	20.0
10 28	2 57.53	+ 2 41.6	1.870	2.839	5.4	19.9
11 7	2 46.96	+ 2 46.0	1.871	2.844	4.7	19.8
11 17	2 36.58	+ 3 2.1	1.901	2.848	7.0	20.0
11 27	2 27.42	+ 3 31.2	1.960	2.852	10.2	20.2
12 7	2 20.22	+ 4 13.1	2.044	2.855	13.3	20.4

128221 2003 SZ_{99} 11 6.6 133°.08 0°.2/ 6.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 12.54	+18 36.8	2.325	3.108	13.3	20.8
10 8	3 8.60	+18 22.6	2.237	3.110	10.6	20.6
10 18	3 2.67	+17 59.4	2.172	3.111	7.4	20.4
10 28	2 55.24	+17 28.5	2.134	3.113	3.7	20.2
11 7	2 47.07	+16 52.6	2.123	3.114	0.3	19.9
11 17	2 39.01	+16 15.0	2.143	3.116	3.9	20.2
11 27	2 31.91	+15 40.1	2.191	3.117	7.5	20.4
12 7	2 26.45	+15 11.7	2.266	3.119	10.7	20.6

265309 2004 JW_8 11 6.6 195°.65 0°.8/ 6.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 17.59	+16 2.9	1.916	2.707	15.5	21.9
10 8	3 13.05	+15 41.0	1.827	2.705	12.3	21.7
10 18	3 5.99	+15 9.7	1.760	2.703	8.5	21.5
10 28	2 56.99	+14 31.1	1.719	2.700	4.2	21.2
11 7	2 46.99	+13 48.8	1.706	2.696	0.9	21.0
11 17	2 37.09	+13 7.3	1.722	2.692	5.1	21.3
11 27	2 28.40	+12 32.1	1.766	2.687	9.3	21.5
12 7	2 21.79	+12 7.5	1.835	2.682	13.0	21.7

70843 1999 VD_{99} 11 6.6 54°.01 0°.4/ 6.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 15.35	+17 22.2	1.557	2.366	17.8	19.8
10 8	3 11.61	+17 3.5	1.494	2.381	14.0	19.6
10 18	3 5.08	+16 33.6	1.450	2.396	9.6	19.3
10 28	2 56.51	+15 54.7	1.430	2.412	4.8	19.1
11 7	2 47.02	+15 11.3	1.437	2.428	0.5	18.8
11 17	2 37.89	+14 28.7	1.471	2.444	5.3	19.2
11 27	2 30.30	+13 53.1	1.532	2.460	9.8	19.5
12 7	2 25.09	+13 29.1	1.616	2.477	13.7	19.8

46094 2001 EX_{21} 11 6.6 195°.16 1°.3/ 5.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 11.04	+15 0.4	2.543	3.332	12.2	19.8
10 8	3 7.20	+14 15.3	2.453	3.331	9.6	19.6
10 18	3 1.58	+13 22.5	2.386	3.330	6.5	19.4
10 28	2 54.66	+12 24.6	2.347	3.328	3.2	19.2
11 7	2 47.11	+11 25.6	2.337	3.326	1.4	19.0
11 17	2 39.67	+10 29.6	2.358	3.323	4.4	19.3
11 27	2 33.06	+ 9 41.1	2.408	3.321	7.6	19.5
12 7	2 27.90	+ 9 3.3	2.484	3.318	10.5	19.6

283631 2002 DO_{10} 11 6.6 176°.20 1°.7/ 5.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 14.86	+14 33.1	1.886	2.687	15.4	20.9
10 8	3 10.85	+13 53.9	1.804	2.688	12.1	20.7
10 18	3 4.42	+13 5.4	1.743	2.689	8.3	20.4
10 28	2 56.18	+12 11.0	1.708	2.690	4.2	20.2
11 7	2 47.05	+11 15.5	1.701	2.690	1.9	20.0
11 17	2 38.07	+10 24.3	1.723	2.690	5.5	20.3
11 27	2 30.30	+ 9 42.9	1.773	2.690	9.6	20.5
12 7	2 24.52	+ 9 15.2	1.847	2.689	13.2	20.7

160373 2004 FU_{63} 11 6.6 143°.53 0°.9/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 18.54	+15 37.7	1.875	2.667	15.8	21.3
10 8	3 13.70	+15 17.1	1.798	2.676	12.5	21.1
10 18	3 6.35	+14 47.8	1.742	2.685	8.6	20.8
10 28	2 57.12	+14 11.9	1.712	2.693	4.2	20.6
11 7	2 47.01	+13 33.1	1.711	2.701	1.0	20.4
11 17	2 37.12	+12 56.0	1.738	2.708	5.1	20.7
11 27	2 28.56	+12 25.6	1.794	2.715	9.2	21.0
12 7	2 22.11	+12 5.7	1.875	2.721	12.8	21.2

16240 2000 GJ_{115} 11 6.6 257°.59 2°.1/ 8.4 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 12.43	+24 26.5	2.484	3.246	13.2	18.5
10 8	3 8.56	+24 25.4	2.386	3.240	10.7	18.3
10 18	3 2.69	+24 12.9	2.309	3.234	7.8	18.1
10 28	2 55.29	+23 48.9	2.259	3.228	4.6	17.9
11 7	2 47.10	+23 14.7	2.236	3.222	2.1	17.7
11 17	2 38.95	+22 33.2	2.243	3.216	3.8	17.8
11 27	2 31.70	+21 48.8	2.280	3.210	7.0	18.0
12 7	2 26.06	+21 6.3	2.343	3.204	10.0	18.2

140202 2001 SU_{224} 11 6.6 13°.41 3°.5/ 4.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 11.77	+ 9 50.9	1.796	2.613	15.4	19.9
10 8	3 8.47	+ 9 0.7	1.721	2.615	12.1	19.7
10 18	3 2.81	+ 8 4.6	1.668	2.616	8.4	19.5
10 28	2 55.38	+ 7 7.6	1.639	2.618	4.8	19.3
11 7	2 47.10	+ 6 15.4	1.638	2.620	3.8	19.2
11 17	2 38.99	+ 5 33.7	1.665	2.622	6.8	19.4
11 27	2 32.07	+ 5 7.0	1.717	2.624	10.5	19.6
12 7	2 27.11	+ 4 57.6	1.794	2.627	13.9	19.9

300597 2007 TD_{421} 11 6.6 22°.64 10°.0/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 11.66	− 4 20.9	1.524	2.352	17.1	19.8
10 8	3 8.66	− 5 57.8	1.471	2.357	14.2	19.6
10 18	3 3.03	− 7 28.3	1.438	2.362	11.6	19.5
10 28	2 55.50	− 8 42.2	1.428	2.368	10.0	19.4
11 7	2 47.11	− 9 30.9	1.443	2.374	10.5	19.4
11 17	2 39.01	− 9 49.1	1.481	2.381	12.5	19.6
11 27	2 32.32	− 9 35.7	1.541	2.389	15.2	19.8
12 7	2 27.82	− 8 53.4	1.621	2.396	17.8	20.0

414729 2009 YH_{1} 11 6.6 15°.66 1°.2/ 7.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 10.49	+23 3.1	2.000	2.785	15.2	20.9
10 8	3 7.39	+22 33.5	1.917	2.787	12.2	20.7
10 18	3 2.03	+21 49.3	1.855	2.790	8.6	20.5
10 28	2 54.99	+20 51.8	1.817	2.794	4.7	20.2
11 7	2 47.14	+19 44.7	1.808	2.797	1.2	20.0
11 17	2 39.46	+18 33.4	1.827	2.801	4.2	20.2
11 27	2 32.92	+17 24.4	1.874	2.806	8.1	20.5
12 7	2 28.26	+16 23.8	1.947	2.811	11.6	20.7

139831 2001 RH_{35} 11 6.6 11°.52 1°.4/ 5.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 12.28	+15 19.5	1.837	2.644	15.5	19.9
10 8	3 8.91	+14 41.5	1.757	2.644	12.2	19.7
10 18	3 3.14	+13 53.7	1.698	2.645	8.4	19.4
10 28	2 55.58	+12 59.3	1.664	2.646	4.2	19.2
11 7	2 47.12	+12 3.0	1.658	2.647	1.6	19.0
11 17	2 38.82	+11 10.5	1.679	2.648	5.4	19.3
11 27	2 31.72	+10 27.5	1.729	2.650	9.5	19.5
12 7	2 26.60	+ 9 58.0	1.802	2.651	13.1	19.8

137651 1999 WG_{25} 11 6.6 116°.59 0°.0/ 6.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 19.49	+18 37.4	1.716	2.507	17.1	20.9
10 8	3 14.63	+18 14.9	1.647	2.523	13.5	20.7
10 18	3 7.05	+17 40.4	1.598	2.539	9.4	20.5
10 28	2 57.49	+16 55.9	1.574	2.554	4.7	20.2
11 7	2 47.04	+16 5.3	1.578	2.569	0.2	19.9
11 17	2 36.95	+15 14.2	1.611	2.583	5.0	20.3
11 27	2 28.37	+14 28.8	1.671	2.597	9.4	20.6
12 7	2 22.12	+13 54.1	1.757	2.610	13.2	20.9

285 Regina 11 6.6 59°.49 8°.5/14.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 19.19	+42 36.7	2.143	2.815	17.4	15.5
10 8	3 14.70	+43 25.2	2.073	2.835	15.3	15.4
10 18	3 7.29	+43 52.1	2.020	2.855	13.0	15.3
10 28	2 57.68	+43 52.8	1.987	2.876	10.7	15.2
11 7	2 47.04	+43 25.3	1.979	2.896	9.0	15.1
11 17	2 36.70	+42 31.7	1.996	2.916	8.6	15.1
11 27	2 27.95	+41 18.0	2.039	2.937	9.6	15.2
12 7	2 21.69	+39 53.1	2.108	2.957	11.5	15.4

395985 2013 BK_{33} 11 6.6 134°.57 0°.2/ 6.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 14.58	+19 1.1	2.035	2.821	14.9	21.7
10 8	3 10.50	+18 40.9	1.952	2.826	11.8	21.5
10 18	3 4.12	+18 9.9	1.891	2.831	8.2	21.3
10 28	2 56.03	+17 29.7	1.856	2.835	4.2	21.1
11 7	2 47.11	+16 43.5	1.849	2.840	0.2	20.8
11 17	2 38.35	+15 55.7	1.871	2.844	4.4	21.1
11 27	2 30.75	+15 11.8	1.921	2.848	8.3	21.4
12 7	2 25.05	+14 36.2	1.997	2.851	11.8	21.6

358210 2006 SJ_{192} 11 6.6 282°.66 0°.6/ 6.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 14.44	+15 33.1	1.951	2.749	15.0	21.5
10 8	3 10.67	+15 24.1	1.855	2.737	12.0	21.3
10 18	3 4.45	+15 7.2	1.780	2.724	8.3	21.0
10 28	2 56.31	+14 44.0	1.731	2.712	4.1	20.7
11 7	2 47.10	+14 17.3	1.709	2.700	0.7	20.4
11 17	2 37.86	+13 50.9	1.716	2.688	4.9	20.7
11 27	2 29.71	+13 29.4	1.751	2.675	9.1	21.0
12 7	2 23.51	+13 16.7	1.811	2.663	12.9	21.2

487306 2014 QR_{87} 11 6.6 42°.95 0°.6/ 7.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 11.55	+21 12.9	1.979	2.768	15.2	20.6
10 8	3 8.15	+20 42.6	1.902	2.777	12.1	20.4
10 18	3 2.50	+19 59.2	1.847	2.786	8.4	20.2
10 28	2 55.21	+19 4.5	1.817	2.795	4.4	20.0
11 7	2 47.16	+18 2.4	1.814	2.805	0.7	19.8
11 17	2 39.32	+16 58.2	1.840	2.815	4.2	20.1
11 27	2 32.66	+15 58.0	1.895	2.825	8.2	20.3
12 7	2 27.88	+15 7.1	1.975	2.835	11.6	20.6

322310 2011 FA_{143} 11 6.6 96°.72 0°.6/ 6.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 18.95	+16 10.5	1.746	2.541	16.6	21.0
10 8	3 14.11	+15 56.9	1.680	2.559	13.1	20.8
10 18	3 6.65	+15 34.3	1.634	2.577	9.0	20.6
10 28	2 57.28	+15 4.7	1.614	2.595	4.4	20.4
11 7	2 47.08	+14 31.6	1.622	2.613	0.7	20.2
11 17	2 37.22	+13 59.5	1.658	2.630	5.1	20.5
11 27	2 28.82	+13 33.3	1.722	2.646	9.3	20.8
12 7	2 22.68	+13 17.0	1.811	2.663	13.0	21.1

366150 2012 EC_{7} 11 6.6 151°.86 1°.8/ 7.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 18.22	+23 56.3	1.622	2.405	18.2	21.1
10 8	3 14.08	+23 33.8	1.542	2.411	14.7	20.9
10 18	3 6.96	+22 53.5	1.482	2.416	10.5	20.6
10 28	2 57.57	+21 55.8	1.445	2.420	5.9	20.4
11 7	2 47.07	+20 44.4	1.435	2.424	1.8	20.1
11 17	2 36.83	+19 25.8	1.453	2.428	5.1	20.4
11 27	2 28.17	+18 8.7	1.499	2.431	9.7	20.6
12 7	2 22.03	+17 1.4	1.569	2.434	13.9	20.9

511943 2015 HX_{173} 11 6.6 152°.48 4°.1/ 4.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 17.18	+ 7 36.7	1.740	2.550	16.1	21.3
10 8	3 12.79	+ 6 55.9	1.666	2.554	12.7	21.1
10 18	3 5.82	+ 6 11.9	1.613	2.558	8.9	20.9
10 28	2 56.93	+ 5 29.3	1.586	2.562	5.3	20.7
11 7	2 47.10	+ 4 53.6	1.586	2.565	4.4	20.6
11 17	2 37.47	+ 4 29.9	1.614	2.568	7.3	20.8
11 27	2 29.18	+ 4 21.7	1.668	2.570	11.1	21.1
12 7	2 23.05	+ 4 30.6	1.746	2.573	14.5	21.3

270685 2002 QW_{39} 11 6.6 318°.27 12°.6/18.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 23.39	+53 54.4	2.360	2.938	17.9	20.3
10 8	3 19.35	+55 28.6	2.266	2.929	16.7	20.2
10 18	3 11.48	+56 42.3	2.187	2.919	15.4	20.1
10 28	3 0.26	+57 27.5	2.125	2.910	14.1	20.0
11 7	2 46.93	+57 38.3	2.083	2.901	13.0	19.9
11 17	2 33.33	+57 12.1	2.062	2.893	12.6	19.8
11 27	2 21.47	+56 12.0	2.063	2.884	12.9	19.8
12 7	2 12.86	+54 46.1	2.086	2.876	13.8	19.9

263484 2008 EJ_{83} 11 6.6 252°.74 4°.6/ 9.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 17.74	+28 26.4	1.583	2.354	19.1	20.5
10 8	3 14.23	+28 42.6	1.492	2.346	15.9	20.3
10 18	3 7.45	+28 39.8	1.419	2.339	12.1	20.0
10 28	2 57.99	+28 15.1	1.369	2.331	7.9	19.8
11 7	2 47.06	+27 28.4	1.343	2.323	4.8	19.6
11 17	2 36.13	+26 23.8	1.344	2.315	6.1	19.6
11 27	2 26.79	+25 9.7	1.372	2.307	10.2	19.9
12 7	2 20.19	+23 56.3	1.424	2.299	14.4	20.1

265562 2005 QF_{33} 11 6.6 63°.81 3°.7/ 8.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 19.68	+25 13.8	1.423	2.210	20.1	20.5
10 8	3 15.60	+25 38.4	1.360	2.227	16.4	20.3
10 18	3 8.18	+25 45.7	1.314	2.244	12.0	20.1
10 28	2 58.21	+25 34.0	1.291	2.261	7.3	19.9
11 7	2 47.06	+25 4.3	1.293	2.278	3.8	19.7
11 17	2 36.30	+24 21.3	1.322	2.295	5.8	19.9
11 27	2 27.44	+23 32.8	1.376	2.312	10.1	20.2
12 7	2 21.44	+22 47.2	1.455	2.329	14.2	20.5

516297 2016 WC_{53} 11 6.6 10°.28 1°.6/ 7.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 14.40	+19 22.8	1.347	2.164	19.6	20.1
10 8	3 11.65	+19 45.1	1.277	2.166	15.7	19.9
10 18	3 5.64	+19 55.6	1.224	2.169	11.1	19.6
10 28	2 57.04	+19 53.9	1.193	2.173	6.0	19.3
11 7	2 47.11	+19 41.6	1.187	2.177	1.6	19.1
11 17	2 37.35	+19 22.8	1.207	2.183	5.6	19.4
11 27	2 29.28	+19 3.5	1.252	2.190	10.6	19.7
12 7	2 23.96	+18 49.7	1.319	2.197	15.1	19.9

198498 2004 XD_{73} 11 6.6 339°.73 0°.1/ 6.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 10.78	+17 54.4	1.321	2.149	19.3	19.3
10 8	3 8.96	+17 48.5	1.239	2.137	15.5	19.1
10 18	3 3.93	+17 29.5	1.175	2.125	10.9	18.8
10 28	2 56.27	+16 58.6	1.133	2.115	5.5	18.4
11 7	2 47.15	+16 19.8	1.115	2.106	0.2	18.0
11 17	2 38.03	+15 38.9	1.122	2.098	6.0	18.4
11 27	2 30.46	+15 3.4	1.154	2.091	11.4	18.7
12 7	2 25.59	+14 39.8	1.208	2.085	16.2	19.0

293945 2007 TB_{20} 11 6.6 69°.00 0°.8/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 13.69	+18 35.7	1.719	2.520	16.6	20.2
10 8	3 10.05	+17 40.3	1.651	2.534	13.1	20.0
10 18	3 3.90	+16 31.4	1.604	2.549	8.9	19.8
10 28	2 55.94	+15 12.6	1.582	2.564	4.4	19.5
11 7	2 47.20	+13 49.9	1.588	2.578	1.0	19.3
11 17	2 38.80	+12 30.7	1.622	2.593	5.2	19.7
11 27	2 31.78	+11 22.0	1.684	2.607	9.5	19.9
12 7	2 26.90	+10 29.1	1.770	2.622	13.2	20.2

487022 2014 OW_{18} 11 6.6 229°.52 2°.4/ 4.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 13.09	+11 8.3	2.238	3.037	13.3	22.1
10 8	3 9.12	+10 30.7	2.148	3.031	10.5	21.9
10 18	3 3.11	+ 9 47.5	2.080	3.025	7.2	21.7
10 28	2 55.56	+ 9 2.0	2.039	3.018	3.9	21.5
11 7	2 47.22	+ 8 18.3	2.026	3.011	2.6	21.4
11 17	2 38.93	+ 7 40.7	2.043	3.004	5.4	21.6
11 27	2 31.60	+ 7 13.3	2.088	2.996	8.9	21.8
12 7	2 25.90	+ 6 58.7	2.159	2.988	12.0	22.0

332416 2007 RO_{109} 11 6.6 118°.29 1°.6/ 7.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 18.14	+22 10.8	2.049	2.820	15.3	21.6
10 8	3 13.28	+22 11.3	1.973	2.834	12.3	21.4
10 18	3 6.02	+21 59.9	1.917	2.848	8.7	21.2
10 28	2 57.00	+21 37.0	1.887	2.861	4.9	21.0
11 7	2 47.16	+21 4.3	1.886	2.874	1.7	20.8
11 17	2 37.55	+20 25.7	1.913	2.887	4.2	21.0
11 27	2 29.20	+19 46.1	1.970	2.899	8.0	21.2
12 7	2 22.87	+19 10.9	2.053	2.911	11.4	21.5

484866 2009 ON 11 6.6 123°.59 3°.2/ 9.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 15.75	+27 46.0	2.381	3.126	14.1	21.3
10 8	3 11.22	+27 53.3	2.296	3.136	11.6	21.1
10 18	3 4.53	+27 47.1	2.233	3.145	8.7	20.9
10 28	2 56.25	+27 26.7	2.195	3.155	5.6	20.8
11 7	2 47.19	+26 53.0	2.185	3.164	3.3	20.6
11 17	2 38.30	+26 8.9	2.205	3.173	4.3	20.7
11 27	2 30.49	+25 19.3	2.254	3.182	7.1	20.9
12 7	2 24.47	+24 29.7	2.329	3.191	10.1	21.1

273649 2007 DO_{74} 11 6.6 129°.68 0°.5/ 6.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 17.79	+17 3.4	1.908	2.697	15.6	21.8
10 8	3 13.08	+16 38.7	1.833	2.709	12.4	21.6
10 18	3 5.91	+16 4.1	1.780	2.721	8.5	21.4
10 28	2 56.96	+15 21.7	1.752	2.733	4.2	21.2
11 7	2 47.17	+14 35.4	1.753	2.743	0.6	20.9
11 17	2 37.64	+13 49.9	1.783	2.754	4.8	21.3
11 27	2 29.42	+13 10.5	1.841	2.763	8.9	21.5
12 7	2 23.26	+12 41.6	1.925	2.773	12.5	21.8

365515 2010 RP_{114} 11 6.6 346°.86 0°.3/ 6.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 11.52	+18 51.4	1.954	2.750	15.1	20.8
10 8	3 8.25	+18 11.7	1.868	2.749	12.0	20.6
10 18	3 2.68	+17 19.5	1.804	2.747	8.3	20.4
10 28	2 55.38	+16 17.3	1.765	2.746	4.1	20.1
11 7	2 47.23	+15 9.6	1.754	2.745	0.4	19.8
11 17	2 39.22	+14 2.0	1.772	2.744	4.7	20.1
11 27	2 32.34	+13 0.9	1.818	2.744	8.8	20.4
12 7	2 27.34	+12 11.6	1.889	2.743	12.4	20.6

220869 2004 WR_{11} 11 6.6 87°.30 0°.4/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 13.18	+18 49.5	2.279	3.062	13.6	20.7
10 8	3 9.17	+18 40.4	2.196	3.067	10.8	20.5
10 18	3 3.12	+18 22.3	2.134	3.072	7.5	20.3
10 28	2 55.55	+17 56.4	2.099	3.077	3.9	20.1
11 7	2 47.24	+17 25.1	2.091	3.082	0.4	19.8
11 17	2 39.05	+16 51.8	2.114	3.087	3.9	20.1
11 27	2 31.86	+16 20.6	2.165	3.092	7.5	20.4
12 7	2 26.35	+15 55.3	2.243	3.097	10.7	20.6

13485 1981 QJ_{3} 11 6.6 45°.56 1°.4/ 5.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 12.47	+14 9.7	1.943	2.748	14.8	17.8
10 8	3 8.79	+13 43.3	1.877	2.763	11.6	17.6
10 18	3 2.90	+13 9.7	1.832	2.778	7.9	17.4
10 28	2 55.42	+12 31.8	1.812	2.794	3.9	17.2
11 7	2 47.24	+11 53.7	1.820	2.809	1.5	17.0
11 17	2 39.32	+11 19.6	1.857	2.826	5.0	17.3
11 27	2 32.57	+10 53.8	1.922	2.842	8.7	17.6
12 7	2 27.67	+10 39.2	2.011	2.859	12.0	17.8

519293 2011 CG_{38} 11 6.6 122°.44 4°.2/ 9.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 20.48	+27 19.8	1.704	2.468	18.2	21.8
10 8	3 15.90	+27 43.3	1.627	2.477	15.0	21.6
10 18	3 8.28	+27 50.4	1.568	2.486	11.2	21.4
10 28	2 58.30	+27 38.6	1.533	2.495	7.2	21.1
11 7	2 47.13	+27 8.3	1.523	2.503	4.3	21.0
11 17	2 36.18	+26 23.1	1.542	2.512	5.6	21.1
11 27	2 26.83	+25 29.8	1.588	2.519	9.3	21.3
12 7	2 20.06	+24 36.6	1.659	2.527	13.1	21.6

46519 1979 ME_{3} 11 6.6 8°.90 2°.9/ 4.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 9.97	+10 40.6	1.985	2.799	14.2	18.8
10 8	3 6.87	+ 9 56.9	1.908	2.800	11.2	18.6
10 18	3 1.64	+ 9 7.5	1.854	2.802	7.7	18.4
10 28	2 54.84	+ 8 16.6	1.825	2.804	4.2	18.2
11 7	2 47.28	+ 7 29.1	1.823	2.807	3.1	18.2
11 17	2 39.86	+ 6 49.8	1.850	2.810	6.0	18.3
11 27	2 33.49	+ 6 23.0	1.904	2.813	9.5	18.6
12 7	2 28.87	+ 6 11.1	1.982	2.817	12.7	18.8

85139 1981 EN_{9} 11 6.6 186°.34 3°.4/ 9.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 20.12	+27 4.4	2.140	2.887	15.5	20.9
10 8	3 15.07	+27 19.8	2.046	2.887	12.8	20.7
10 18	3 7.45	+27 21.4	1.972	2.886	9.5	20.5
10 28	2 57.83	+27 7.5	1.923	2.885	6.1	20.3
11 7	2 47.15	+26 38.2	1.902	2.883	3.6	20.1
11 17	2 36.54	+25 56.4	1.911	2.880	4.8	20.2
11 27	2 27.13	+25 7.4	1.949	2.877	8.1	20.4
12 7	2 19.83	+24 17.7	2.013	2.872	11.5	20.6

262890 2007 CJ_{17} 11 6.6 166°.46 0°.3/ 6.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 13.90	+18 36.6	2.488	3.264	12.8	21.7
10 8	3 9.56	+18 25.5	2.399	3.267	10.1	21.5
10 18	3 3.31	+18 6.1	2.333	3.270	7.0	21.3
10 28	2 55.64	+17 39.5	2.293	3.272	3.6	21.1
11 7	2 47.25	+17 7.9	2.283	3.274	0.3	20.8
11 17	2 38.97	+16 34.5	2.302	3.275	3.7	21.1
11 27	2 31.59	+16 3.0	2.352	3.277	7.1	21.4
12 7	2 25.78	+15 37.2	2.428	3.278	10.1	21.6

394116 2006 DB_{170} 11 6.6 133°.39 4°.1/ 9.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 21.72	+27 47.6	2.124	2.865	15.7	21.6
10 8	3 16.30	+28 24.7	2.042	2.877	13.0	21.4
10 18	3 8.26	+28 48.7	1.980	2.888	9.8	21.2
10 28	2 58.22	+28 57.1	1.943	2.899	6.5	21.1
11 7	2 47.15	+28 49.1	1.934	2.909	4.3	20.9
11 17	2 36.22	+28 26.8	1.954	2.919	5.2	21.0
11 27	2 26.59	+27 54.8	2.003	2.928	8.1	21.2
12 7	2 19.13	+27 19.4	2.078	2.936	11.2	21.4

460486 2014 SR_{302} 11 6.6 86°.54 1°.7/ 8.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 13.69	+24 11.2	2.279	3.045	14.1	21.2
10 8	3 9.53	+23 53.8	2.203	3.060	11.3	21.0
10 18	3 3.31	+23 23.5	2.148	3.076	8.1	20.9
10 28	2 55.62	+22 41.2	2.119	3.091	4.6	20.7
11 7	2 47.26	+21 49.3	2.119	3.107	1.8	20.5
11 17	2 39.14	+20 52.1	2.148	3.122	3.8	20.7
11 27	2 32.11	+19 54.8	2.207	3.137	7.2	20.9
12 7	2 26.83	+19 2.6	2.292	3.152	10.3	21.2

395127 2009 YR_{13} 11 6.6 304°.70 2°.9/ 5.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 14.63	+11 4.1	1.466	2.290	17.9	21.3
10 8	3 11.82	+10 44.6	1.369	2.266	14.4	21.0
10 18	3 5.89	+10 18.3	1.291	2.242	10.1	20.7
10 28	2 57.34	+ 9 48.8	1.237	2.218	5.4	20.3
11 7	2 47.19	+ 9 21.0	1.207	2.194	3.1	20.1
11 17	2 36.81	+ 9 0.6	1.204	2.171	7.3	20.3
11 27	2 27.74	+ 8 53.2	1.226	2.148	12.4	20.5
12 7	2 21.19	+ 9 2.3	1.270	2.126	17.1	20.8

59063 1998 UC_{32} 11 6.6 317.°67 1.°3/ 6.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 15.23	+14 7.1	1.399	2.221	18.7	19.5
10 8	3 12.32	+14 3.6	1.313	2.209	15.0	19.2
10 18	3 6.20	+13 51.8	1.247	2.197	10.4	19.0
10 28	2 57.45	+13 33.9	1.203	2.186	5.2	18.6
11 7	2 47.20	+13 13.5	1.185	2.175	1.4	18.3
11 17	2 36.90	+12 55.4	1.192	2.165	6.4	18.6
11 27	2 28.11	+12 45.2	1.225	2.155	11.6	18.9
12 7	2 21.98	+12 47.1	1.279	2.145	16.3	19.2

115459 2003 TG_{15} 11 6.6 50.°03 2.°8/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 14.69	+11 18.0	1.675	2.489	16.4	20.0
10 8	3 10.98	+10 45.5	1.603	2.494	12.9	19.8
10 18	3 4.68	+10 6.8	1.551	2.499	8.9	19.5
10 28	2 56.43	+ 9 25.8	1.524	2.505	4.7	19.3
11 7	2 47.25	+ 8 47.6	1.524	2.510	2.9	19.2
11 17	2 38.27	+ 8 17.3	1.552	2.516	6.4	19.4
11 27	2 30.64	+ 7 59.5	1.606	2.522	10.5	19.7
12 7	2 25.18	+ 7 56.6	1.684	2.528	14.2	19.9

375704 2009 PJ_{6} 11 6.6 125.°99 1.°2/ 7.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 18.74	+22 3.7	1.663	2.448	17.7	21.7
10 8	3 14.32	+21 42.7	1.588	2.459	14.2	21.5
10 18	3 7.04	+21 6.2	1.534	2.470	10.0	21.2
10 28	2 57.62	+20 15.2	1.503	2.480	5.4	21.0
11 7	2 47.20	+19 13.6	1.500	2.490	1.2	20.7
11 17	2 37.09	+18 7.3	1.525	2.499	4.9	21.0
11 27	2 28.54	+17 4.2	1.578	2.508	9.5	21.3
12 7	2 22.41	+16 10.8	1.656	2.517	13.5	21.6

119293 2001 SB_{2} 11 6.6 69.°44 3.°1/ 8.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 20.55	+23 41.1	1.500	2.286	19.3	19.6
10 8	3 16.11	+24 7.6	1.435	2.303	15.7	19.4
10 18	3 8.46	+24 19.2	1.390	2.321	11.4	19.1
10 28	2 58.39	+24 14.2	1.367	2.338	6.7	18.9
11 7	2 47.18	+23 53.7	1.370	2.356	3.2	18.8
11 17	2 36.34	+23 21.6	1.400	2.374	5.5	19.0
11 27	2 27.29	+22 44.8	1.457	2.391	9.8	19.2
12 7	2 21.00	+22 10.6	1.538	2.409	13.7	19.5

291727 2006 JX_{37} 11 6.6 107.°50 2.°3/ 5.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 18.93	+14 28.0	1.506	2.315	18.2	21.3
10 8	3 14.46	+13 34.6	1.443	2.332	14.3	21.0
10 18	3 7.09	+12 30.3	1.401	2.348	9.8	20.8
10 28	2 57.61	+11 20.0	1.383	2.364	4.9	20.6
11 7	2 47.23	+10 10.4	1.392	2.379	2.5	20.5
11 17	2 37.27	+ 9 9.0	1.429	2.394	6.6	20.8
11 27	2 28.97	+ 8 22.1	1.492	2.409	11.0	21.1
12 7	2 23.17	+ 7 53.7	1.579	2.422	14.9	21.3

354492 2004 FQ_{119} 11 6.6 219.°84 1.°3/ 7.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 15.97	+20 46.6	2.226	2.999	14.2	21.8
10 8	3 11.60	+20 50.5	2.131	2.994	11.4	21.6
10 18	3 4.97	+20 44.7	2.056	2.989	8.1	21.4
10 28	2 56.59	+20 29.1	2.008	2.984	4.4	21.2
11 7	2 47.27	+20 5.3	1.988	2.978	1.3	20.9
11 17	2 37.97	+19 36.1	1.998	2.971	4.0	21.1
11 27	2 29.69	+19 6.0	2.037	2.965	7.8	21.4
12 7	2 23.22	+18 39.4	2.102	2.958	11.2	21.6

25803 2000 CW_{87} 11 6.6 142.°30 1.°1/ 7.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 13.62	+21 5.9	2.692	3.457	12.2	19.2
10 8	3 9.23	+21 5.3	2.604	3.463	9.7	19.0
10 18	3 3.02	+20 56.1	2.539	3.469	6.9	18.8
10 28	2 55.50	+20 38.6	2.500	3.475	3.8	18.6
11 7	2 47.32	+20 14.6	2.491	3.480	1.1	18.5
11 17	2 39.23	+19 46.4	2.512	3.485	3.4	18.6
11 27	2 32.01	+19 17.5	2.563	3.490	6.5	18.9
12 7	2 26.25	+18 51.6	2.641	3.495	9.3	19.0

40736 1999 SD_{20} 11 6.6 69.°60 2.°4/ 5.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 22.41	+ 9 13.9	1.637	2.439	17.3	18.3
10 8	3 16.93	+ 9 24.7	1.576	2.460	13.6	18.1
10 18	3 8.67	+ 9 33.6	1.536	2.480	9.4	17.9
10 28	2 58.38	+ 9 42.9	1.521	2.501	4.9	17.7
11 7	2 47.21	+ 9 54.9	1.534	2.521	2.5	17.6
11 17	2 36.43	+10 12.0	1.575	2.542	6.0	17.9
11 27	2 27.24	+10 36.2	1.644	2.562	10.1	18.2
12 7	2 20.46	+11 8.7	1.738	2.582	13.8	18.5

389371 2009 VH_{101} 11 6.6 333.°83 2.°2/ 5.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 7.96	+15 40.1	1.195	2.039	19.9	20.6
10 8	3 7.02	+14 55.6	1.113	2.022	15.9	20.3
10 18	3 2.78	+13 54.8	1.049	2.006	11.0	20.0
10 28	2 55.81	+12 42.0	1.007	1.991	5.6	19.7
11 7	2 47.30	+11 25.0	0.988	1.977	2.4	19.4
11 17	2 38.77	+10 13.5	0.993	1.965	7.5	19.7
11 27	2 31.84	+ 9 17.6	1.021	1.953	13.2	20.0
12 7	2 27.70	+ 8 44.0	1.070	1.943	18.2	20.2

255091 2005 UU_{44} 11 6.6 131.°03 1.°3/ 5.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 13.37	+14 0.8	2.177	2.973	13.7	21.4
10 8	3 9.39	+13 37.7	2.094	2.975	10.8	21.3
10 18	3 3.33	+13 8.0	2.033	2.977	7.4	21.0
10 28	2 55.71	+12 34.0	1.998	2.979	3.7	20.8
11 7	2 47.32	+11 59.1	1.992	2.981	1.4	20.7
11 17	2 39.05	+11 27.2	2.015	2.983	4.7	20.9
11 27	2 31.79	+11 2.3	2.066	2.984	8.3	21.1
12 7	2 26.25	+10 47.4	2.143	2.986	11.6	21.3

521773 2015 SZ_{25} 11 6.6 55.°92 4.°8/ 3.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 12.27	+ 6 50.2	1.809	2.627	15.2	21.0
10 8	3 8.77	+ 5 42.9	1.743	2.636	12.0	20.8
10 18	3 2.98	+ 4 32.2	1.700	2.645	8.5	20.6
10 28	2 55.53	+ 3 24.1	1.682	2.654	5.5	20.5
11 7	2 47.33	+ 2 25.3	1.691	2.664	5.1	20.5
11 17	2 39.37	+ 1 41.3	1.727	2.673	7.7	20.7
11 27	2 32.62	+ 1 16.1	1.790	2.683	11.0	20.9
12 7	2 27.79	+ 1 10.8	1.876	2.692	14.1	21.1

264308 1999 NA_{5} 11 6.6 181.°04 3.°1/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 35.05	+25 27.9	0.989	1.784	26.6	22.7
10 8	3 29.82	+25 20.2	0.916	1.789	21.9	22.4
10 18	3 19.32	+24 46.1	0.858	1.792	16.0	22.1
10 28	3 4.36	+23 41.0	0.819	1.793	9.2	21.7
11 7	2 46.97	+22 6.7	0.803	1.792	3.2	21.4
11 17	2 29.92	+20 14.1	0.813	1.788	7.8	21.7
11 27	2 15.90	+18 21.3	0.847	1.782	14.8	22.0
12 7	2 6.55	+16 45.2	0.902	1.773	20.9	22.3

369957 1993 TX_{35} 11 6.6 10.°96 1.°1/ 7.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 13.00	+17 39.4	0.971	1.819	23.2	19.8
10 8	3 11.59	+18 6.1	0.913	1.821	18.6	19.6
10 18	3 6.18	+18 20.0	0.871	1.825	13.1	19.3
10 28	2 57.54	+18 21.2	0.848	1.831	6.8	19.0
11 7	2 47.24	+18 12.1	0.847	1.838	1.1	18.6
11 17	2 37.25	+17 57.7	0.868	1.846	6.7	19.0
11 27	2 29.46	+17 45.4	0.912	1.856	12.7	19.4
12 7	2 25.10	+17 41.6	0.976	1.868	17.8	19.7

485269 2010 WC_{35} 11 6.6 316.°78 1.°8/ 5.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 12.42	+12 51.6	1.955	2.762	14.7	21.9
10 8	3 9.02	+12 31.9	1.865	2.752	11.6	21.7
10 18	3 3.31	+12 5.7	1.796	2.742	8.0	21.4
10 28	2 55.80	+11 35.7	1.752	2.733	4.1	21.2
11 7	2 47.32	+11 5.5	1.735	2.724	1.9	21.0
11 17	2 38.86	+10 39.4	1.747	2.715	5.4	21.2
11 27	2 31.46	+10 21.6	1.787	2.706	9.3	21.4
12 7	2 25.92	+10 15.2	1.850	2.698	12.9	21.7

224696 2006 BH_{31} 11 6.6 250.°73 1.°1/ 5.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 12.38	+14 38.0	2.332	3.125	13.0	21.3
10 8	3 8.53	+14 16.2	2.242	3.121	10.3	21.1
10 18	3 2.71	+13 47.7	2.174	3.117	7.1	20.9
10 28	2 55.41	+13 14.5	2.132	3.113	3.5	20.6
11 7	2 47.35	+12 39.8	2.120	3.109	1.2	20.5
11 17	2 39.35	+12 7.0	2.137	3.105	4.4	20.7
11 27	2 32.26	+11 40.2	2.182	3.101	7.9	20.9
12 7	2 26.76	+11 22.4	2.254	3.097	11.1	21.1

517972 2015 TO_{367} 11 6.6 73.°88 4.°0/ 3.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 11.51	+ 7 38.8	2.138	2.948	13.5	21.3
10 8	3 7.78	+ 6 35.4	2.072	2.960	10.6	21.1
10 18	3 2.10	+ 5 28.7	2.029	2.973	7.4	20.9
10 28	2 55.04	+ 4 23.7	2.012	2.986	4.7	20.8
11 7	2 47.36	+ 3 25.7	2.024	2.998	4.2	20.8
11 17	2 39.91	+ 2 39.7	2.065	3.011	6.6	21.0
11 27	2 33.49	+ 2 9.1	2.132	3.024	9.5	21.2
12 7	2 28.71	+ 1 55.4	2.224	3.037	12.3	21.4

182753 2001 XZ_{133} 11 6.6 11.°77 1.°1/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 13.70	+14 40.9	1.906	2.708	15.2	20.2
10 8	3 10.01	+14 25.3	1.824	2.709	12.0	20.0
10 18	3 3.94	+14 2.1	1.764	2.710	8.2	19.8
10 28	2 56.09	+13 33.7	1.729	2.711	4.1	19.5
11 7	2 47.32	+13 3.3	1.722	2.712	1.2	19.3
11 17	2 38.68	+12 35.2	1.743	2.714	5.0	19.6
11 27	2 31.20	+12 13.7	1.792	2.715	9.0	19.8
12 7	2 25.66	+12 2.4	1.865	2.717	12.6	20.1

56044 1998 XU_{17} 11 6.6 352.°47 3.°1/ 5.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 10.17	+12 29.0	1.166	2.013	20.1	18.4
10 8	3 8.67	+11 56.0	1.096	2.006	16.0	18.1
10 18	3 3.81	+11 12.8	1.044	2.000	11.1	17.8
10 28	2 56.27	+10 24.3	1.013	1.996	5.8	17.5
11 7	2 47.31	+ 9 37.9	1.006	1.993	3.3	17.3
11 17	2 38.50	+ 9 1.1	1.022	1.991	7.8	17.6
11 27	2 31.40	+ 8 40.9	1.062	1.991	13.1	17.9
12 7	2 27.13	+ 8 40.8	1.122	1.992	17.8	18.2

444497 2006 RT_{41} 11 6.6 12°.41 1°.7/ 7.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 14.94	+21 10.4	1.761	2.552	16.7	21.3
10 8	3 11.36	+21 20.5	1.680	2.553	13.5	21.0
10 18	3 5.09	+21 18.8	1.618	2.555	9.6	20.8
10 28	2 56.74	+21 5.1	1.580	2.557	5.3	20.6
11 7	2 47.30	+20 41.2	1.569	2.559	1.7	20.3
11 17	2 37.98	+20 10.7	1.586	2.561	4.7	20.5
11 27	2 29.98	+19 39.1	1.630	2.564	9.0	20.8
12 7	2 24.19	+19 11.8	1.699	2.567	12.8	21.1

484996 2009 VK_{18} 11 6.6 34°.70 0°.1/ 6.6 18

9 28	3 17.92	+14 29.9	2.121	2.908	14.3	20.6
10 8	3 13.09	+14 55.8	2.039	2.913	11.4	20.4
10 18	3 5.96	+15 17.4	1.978	2.918	7.9	20.2
10 28	2 57.08	+15 35.0	1.943	2.923	4.0	19.9
11 7	2 47.30	+15 49.6	1.938	2.929	0.2	19.6
11 17	2 37.60	+16 2.8	1.962	2.934	4.3	20.0
11 27	2 29.00	+16 16.9	2.015	2.940	8.1	20.2
12 7	2 22.28	+16 34.5	2.095	2.946	11.4	20.5

81287 2000 FG_{62} 11 6.6 86°.61 1°.4/ 5.6 18

9 28	3 12.93	+16 9.4	1.906	2.707	15.2	19.2
10 8	3 9.33	+15 20.9	1.828	2.712	12.0	19.0
10 18	3 3.41	+14 21.8	1.771	2.717	8.2	18.8
10 28	2 55.79	+13 15.3	1.741	2.722	4.1	18.5
11 7	2 47.35	+12 6.8	1.738	2.727	1.5	18.4
11 17	2 39.12	+11 2.2	1.763	2.732	5.2	18.6
11 27	2 32.07	+10 7.5	1.817	2.737	9.2	18.9
12 7	2 26.94	+ 9 27.0	1.896	2.741	12.7	19.1

353034 2009 CZ_{29} 11 6.6 113°.98 2°.2/ 5.1 18

9 28	3 15.14	+11 54.1	1.959	2.761	14.8	21.2
10 8	3 10.96	+11 24.4	1.883	2.768	11.7	21.0
10 18	3 4.48	+10 48.9	1.830	2.775	8.0	20.8
10 28	2 56.31	+10 10.7	1.802	2.782	4.2	20.6
11 7	2 47.34	+ 9 34.2	1.802	2.788	2.4	20.5
11 17	2 38.56	+ 9 3.6	1.830	2.795	5.6	20.7
11 27	2 30.94	+ 8 43.0	1.887	2.801	9.3	20.9
12 7	2 25.23	+ 8 34.9	1.968	2.807	12.6	21.2

220642 2004 RA_{52} 11 6.6 11°.48 5°.4/ 2.5 18

9 28	3 10.42	+ 4 43.1	1.871	2.692	14.7	19.6
10 8	3 7.33	+ 3 36.0	1.801	2.694	11.7	19.4
10 18	3 2.03	+ 2 26.9	1.753	2.696	8.5	19.3
10 28	2 55.10	+ 1 22.1	1.730	2.698	5.9	19.1
11 7	2 47.40	+ 0 28.0	1.734	2.701	5.7	19.1
11 17	2 39.87	− 0 10.0	1.765	2.704	8.1	19.3
11 27	2 33.45	− 0 28.3	1.822	2.707	11.2	19.5
12 7	2 28.84	− 0 26.1	1.901	2.711	14.2	19.7

162255 1999 TU_{313} 11 6.6 340°.71 1°.4/ 7.4 18

9 28	3 12.90	+21 10.0	1.519	2.325	18.2	20.3
10 8	3 10.25	+21 5.3	1.436	2.319	14.7	20.0
10 18	3 4.61	+20 45.8	1.371	2.313	10.5	19.8
10 28	2 56.61	+20 12.0	1.330	2.308	5.7	19.5
11 7	2 47.34	+19 26.7	1.313	2.303	1.4	19.2
11 17	2 38.14	+18 35.5	1.323	2.299	5.2	19.4
11 27	2 30.39	+17 45.6	1.360	2.296	10.1	19.7
12 7	2 25.11	+17 4.1	1.419	2.293	14.5	20.0

407628 2011 CY_{75} 11 6.6 279°.13 0°.3/ 6.9 18

9 28	3 13.15	+18 7.3	2.408	3.189	13.0	21.2
10 8	3 9.27	+18 3.3	2.302	3.172	10.4	21.0
10 18	3 3.34	+17 51.2	2.217	3.155	7.3	20.8
10 28	2 55.81	+17 32.0	2.159	3.138	3.8	20.5
11 7	2 47.38	+17 7.5	2.130	3.121	0.3	20.2
11 17	2 38.89	+16 40.6	2.131	3.104	3.9	20.5
11 27	2 31.23	+16 15.1	2.160	3.086	7.6	20.7
12 7	2 25.16	+15 54.8	2.216	3.069	10.9	20.8

129139 2005 AV_{48} 11 6.6 68°.89 1°.1/ 5.8 18

9 28	3 13.21	+14 39.2	2.227	3.020	13.5	20.0
10 8	3 9.08	+14 16.1	2.158	3.038	10.6	19.9
10 18	3 2.99	+13 46.5	2.112	3.056	7.2	19.7
10 28	2 55.51	+13 12.7	2.092	3.073	3.6	19.5
11 7	2 47.40	+12 37.9	2.101	3.091	1.2	19.3
11 17	2 39.53	+12 6.0	2.140	3.109	4.4	19.6
11 27	2 32.70	+11 40.6	2.207	3.126	7.8	19.8
12 7	2 27.54	+11 24.4	2.300	3.144	10.8	20.1

388161 2005 YQ_{133} 11 6.6 248°.27 0°.1/ 6.6 18

9 28	3 17.12	+17 18.4	1.897	2.687	15.7	22.2
10 8	3 12.98	+17 9.6	1.798	2.675	12.6	22.0
10 18	3 6.22	+16 51.2	1.721	2.662	8.8	21.7
10 28	2 57.37	+16 24.3	1.668	2.648	4.5	21.4
11 7	2 47.33	+15 51.4	1.643	2.634	0.2	21.0
11 17	2 37.24	+15 16.8	1.647	2.620	4.9	21.4
11 27	2 28.30	+14 45.5	1.679	2.605	9.4	21.6
12 7	2 21.44	+14 22.6	1.736	2.590	13.3	21.8

411513 2011 BA_{33} 11 6.6 303°.40 0°.2/ 6.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 11.79	+17 13.7	2.128	2.922	14.1	21.9
10 8	3 8.44	+16 57.9	2.029	2.908	11.2	21.6
10 18	3 2.89	+16 33.0	1.951	2.893	7.8	21.4
10 28	2 55.62	+16 0.5	1.899	2.879	3.9	21.2
11 7	2 47.40	+15 23.2	1.874	2.865	0.3	20.8
11 17	2 39.16	+14 45.2	1.879	2.851	4.4	21.1
11 27	2 31.87	+14 11.1	1.911	2.838	8.4	21.4
12 7	2 26.33	+13 45.2	1.969	2.824	11.9	21.5

172195 2002 QK_{9} 11 6.6 72°.92 1°.4/ 7.5 18

9 28	3 18.35	+19 44.8	1.812	2.598	16.5	20.1
10 8	3 13.90	+20 4.9	1.735	2.606	13.2	19.9
10 18	3 6.76	+20 15.3	1.678	2.614	9.4	19.7
10 28	2 57.56	+20 15.7	1.646	2.622	5.1	19.5
11 7	2 47.34	+20 7.1	1.641	2.631	1.5	19.3
11 17	2 37.27	+19 52.4	1.665	2.639	4.6	19.5
11 27	2 28.55	+19 36.2	1.716	2.647	8.8	19.8
12 7	2 22.07	+19 23.2	1.793	2.655	12.5	20.0

398648 2012 TT_{52} 11 6.6 33°.58 16°.1/25.1 14 C

9 28	3 9.79	− 1 42.3	0.863	1.737	23.2	19.5
10 8	3 8.79	− 6 6.5	0.830	1.743	19.4	19.3
10 18	3 3.95	−10 26.5	0.817	1.751	16.8	19.2
10 28	2 56.27	−14 14.3	0.825	1.759	16.2	19.2
11 7	2 47.39	−17 6.2	0.854	1.768	18.0	19.3
11 17	2 39.09	−18 50.4	0.902	1.778	20.9	19.6
11 27	2 32.97	−19 27.6	0.965	1.788	23.9	19.8
12 7	2 29.95	−19 7.8	1.041	1.799	26.6	20.1

488186 2015 XD_{138} 11 6.6 121°.70 2°.2/ 5.1 17

9 28	3 15.20	+ 9 35.5	2.328	3.122	13.0	21.5
10 8	3 10.64	+ 9 24.5	2.247	3.127	10.2	21.3
10 18	3 4.10	+ 9 10.9	2.189	3.132	7.1	21.1
10 28	2 56.11	+ 8 57.1	2.158	3.137	3.8	20.9
11 7	2 47.41	+ 8 45.9	2.156	3.142	2.4	20.8
11 17	2 38.83	+ 8 40.1	2.184	3.146	5.0	21.0
11 27	2 31.21	+ 8 42.0	2.241	3.151	8.2	21.2
12 7	2 25.21	+ 8 53.3	2.323	3.155	11.2	21.4

270786 2002 RL_{218} 11 6.6 13°.90 4°.5/ 9.7 17

9 28	3 16.39	+28 33.7	2.201	2.947	15.1	20.6
10 8	3 12.19	+29 18.5	2.112	2.948	12.6	20.4
10 18	3 5.54	+29 51.0	2.044	2.950	9.7	20.2
10 28	2 56.98	+30 8.5	2.000	2.953	6.7	20.1
11 7	2 47.37	+30 10.1	1.983	2.955	4.6	19.9
11 17	2 37.78	+29 57.1	1.995	2.958	5.3	20.0
11 27	2 29.29	+29 33.3	2.035	2.961	8.0	20.2
12 7	2 22.77	+29 4.4	2.101	2.964	10.9	20.4

375128 2007 VR_{218} 11 6.6 95°.32 0°.0/ 6.6 15

9 28	3 22.26	+17 15.6	1.458	2.258	19.1	21.4
10 8	3 17.33	+17 13.1	1.396	2.277	15.2	21.2
10 18	3 9.24	+16 59.7	1.353	2.296	10.5	20.9
10 28	2 58.80	+16 36.8	1.333	2.314	5.3	20.7
11 7	2 47.31	+16 7.8	1.340	2.331	0.2	20.3
11 17	2 36.26	+15 37.5	1.375	2.349	5.5	20.8
11 27	2 27.01	+15 12.0	1.437	2.366	10.4	21.1
12 7	2 20.50	+14 56.1	1.522	2.382	14.5	21.4

121405 1999 TZ_{134} 11 6.6 125°.90 1°.8/ 5.0 18

9 28	3 11.87	+13 57.8	2.317	3.113	13.0	19.6
10 8	3 8.04	+13 8.3	2.237	3.118	10.2	19.4
10 18	3 2.31	+12 11.2	2.180	3.124	7.0	19.2
10 28	2 55.20	+11 9.9	2.149	3.130	3.5	19.0
11 7	2 47.45	+10 8.8	2.148	3.135	1.9	18.9
11 17	2 39.86	+ 9 12.6	2.176	3.140	4.8	19.1
11 27	2 33.22	+ 8 25.9	2.234	3.145	8.2	19.3
12 7	2 28.14	+ 7 51.9	2.317	3.150	11.2	19.5

391640 2007 VG_{257} 11 6.6 113°.53 5°.4/ 3.6 18

9 28	3 18.31	+ 1 33.1	1.955	2.757	14.9	21.0
10 8	3 13.35	+ 1 6.5	1.886	2.765	11.9	20.8
10 18	3 6.08	+ 0 42.6	1.838	2.773	8.8	20.6
10 28	2 57.13	+ 0 26.1	1.816	2.780	6.1	20.5
11 7	2 47.38	+ 0 21.3	1.822	2.788	5.6	20.5
11 17	2 37.86	+ 0 31.0	1.856	2.795	7.8	20.6
11 27	2 29.55	+ 0 56.7	1.917	2.802	10.8	20.8
12 7	2 23.19	+ 1 37.7	2.002	2.809	13.7	21.0

412849 2014 PO_{54} 11 6.6 55°.19 1°.1/ 5.8 18

9 28	3 13.55	+14 34.4	2.008	2.807	14.6	21.6
10 8	3 9.60	+14 13.6	1.940	2.824	11.5	21.4
10 18	3 3.48	+13 45.8	1.895	2.840	7.8	21.2
10 28	2 55.80	+13 13.4	1.875	2.857	3.9	21.0
11 7	2 47.43	+12 40.1	1.884	2.873	1.2	20.8
11 17	2 39.31	+12 9.8	1.921	2.890	4.7	21.1
11 27	2 32.34	+11 46.5	1.986	2.907	8.4	21.4
12 7	2 27.20	+11 33.2	2.076	2.925	11.7	21.6

146757 2001 XB_{163} 11 6.6 291°.24 1°.6/ 5.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 13.41	+13 31.4	2.048	2.848	14.3	19.8
10 8	3 9.64	+13 8.0	1.962	2.845	11.3	19.6
10 18	3 3.65	+12 37.7	1.897	2.843	7.8	19.4
10 28	2 55.97	+12 3.3	1.859	2.840	3.9	19.2
11 7	2 47.43	+11 28.2	1.849	2.837	1.7	19.0
11 17	2 38.97	+10 56.8	1.867	2.835	5.1	19.2
11 27	2 31.57	+10 33.2	1.913	2.832	8.9	19.5
12 7	2 25.97	+10 20.5	1.985	2.830	12.3	19.7

412245 2013 HG_{27} 11 6.6 147°.67 2°.3/ 4.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 13.48	+10 2.9	2.653	3.444	11.7	22.3
10 8	3 8.99	+ 9 31.5	2.574	3.452	9.2	22.2
10 18	3 2.82	+ 8 56.8	2.518	3.460	6.3	22.0
10 28	2 55.42	+ 8 21.3	2.489	3.467	3.5	21.8
11 7	2 47.45	+ 7 48.3	2.491	3.474	2.4	21.8
11 17	2 39.62	+ 7 21.1	2.523	3.481	4.7	21.9
11 27	2 32.63	+ 7 2.4	2.584	3.487	7.6	22.1
12 7	2 27.03	+ 6 54.2	2.671	3.493	10.2	22.3

488098 2015 VY_{62} 11 6.6 337°.72 5°.3/ 2.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 11.27	+ 3 55.1	1.968	2.785	14.3	20.8
10 8	3 7.94	+ 2 57.5	1.891	2.781	11.4	20.6
10 18	3 2.46	+ 1 58.8	1.836	2.777	8.3	20.4
10 28	2 55.36	+ 1 4.6	1.807	2.774	5.8	20.3
11 7	2 47.45	+ 0 20.7	1.804	2.770	5.6	20.2
11 17	2 39.66	− 0 8.0	1.829	2.768	7.9	20.4
11 27	2 32.91	− 0 18.1	1.880	2.765	11.0	20.6
12 7	2 27.92	− 0 9.1	1.954	2.763	13.9	20.8

51430 Ireneclaire 11 6.6 59°.39 0°.5/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 20.97	+16 56.4	1.342	2.152	20.0	19.1
10 8	3 16.69	+17 16.4	1.280	2.166	15.9	18.9
10 18	3 9.03	+17 26.7	1.236	2.181	11.1	18.6
10 28	2 58.79	+17 27.6	1.215	2.196	5.7	18.4
11 7	2 47.33	+17 21.1	1.220	2.211	0.5	18.1
11 17	2 36.25	+17 11.0	1.251	2.226	5.7	18.5
11 27	2 27.04	+17 2.5	1.308	2.241	10.7	18.8
12 7	2 20.73	+17 0.6	1.388	2.257	15.1	19.1

319315 2006 BF_{157} 11 6.7 172°.96 4°.0/10.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 16.13	+30 37.7	2.769	3.490	12.9	21.9
10 8	3 11.43	+31 3.9	2.673	3.492	10.8	21.7
10 18	3 4.72	+31 18.0	2.599	3.493	8.3	21.6
10 28	2 56.48	+31 18.2	2.549	3.495	5.9	21.4
11 7	2 47.42	+31 4.2	2.528	3.496	4.2	21.3
11 17	2 38.40	+30 37.6	2.537	3.496	4.6	21.3
11 27	2 30.28	+30 1.9	2.575	3.497	6.7	21.5
12 7	2 23.76	+29 21.9	2.640	3.497	9.2	21.6

125517 2001 WG_{43} 11 6.7 77°.18 3°.8/ 4.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 18.10	+ 9 19.5	1.537	2.353	17.6	19.4
10 8	3 13.67	+ 8 35.9	1.481	2.373	13.8	19.2
10 18	3 6.49	+ 7 47.8	1.446	2.393	9.5	19.0
10 28	2 57.35	+ 7 0.3	1.435	2.413	5.4	18.8
11 7	2 47.40	+ 6 19.6	1.451	2.433	4.0	18.8
11 17	2 37.88	+ 5 50.8	1.494	2.452	7.2	19.0
11 27	2 29.95	+ 5 37.9	1.563	2.472	11.2	19.3
12 7	2 24.38	+ 5 42.2	1.655	2.491	14.7	19.6

420260 2011 JN_{20} 11 6.7 210°.32 1°.5/ 5.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 11.37	+11 53.5	2.812	3.601	11.1	21.4
10 8	3 7.36	+11 35.2	2.721	3.599	8.7	21.2
10 18	3 1.74	+11 12.9	2.654	3.597	6.0	21.1
10 28	2 54.92	+10 48.7	2.615	3.594	3.1	20.9
11 7	2 47.50	+10 25.2	2.605	3.592	1.6	20.8
11 17	2 40.13	+10 4.9	2.625	3.590	4.1	20.9
11 27	2 33.51	+ 9 50.8	2.675	3.587	7.0	21.1
12 7	2 28.16	+ 9 44.6	2.752	3.584	9.6	21.3

172226 2002 RB_{97} 11 6.7 50°.35 1°.0/ 7.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 16.35	+19 30.3	1.711	2.505	17.0	19.7
10 8	3 12.42	+19 37.2	1.638	2.515	13.6	19.5
10 18	3 5.79	+19 33.2	1.585	2.524	9.5	19.2
10 28	2 57.10	+19 18.7	1.556	2.534	5.0	19.0
11 7	2 47.42	+18 56.0	1.554	2.545	1.1	18.7
11 17	2 37.94	+18 28.9	1.580	2.555	4.7	19.0
11 27	2 29.88	+18 2.6	1.633	2.565	9.1	19.3
12 7	2 24.08	+17 42.1	1.711	2.576	12.9	19.6

96599 1998 XP_{49} 11 6.7 306°.09 7°.8/13.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 15.39	+39 40.6	2.266	2.957	16.1	19.4
10 8	3 11.88	+40 25.4	2.159	2.941	14.2	19.2
10 18	3 5.64	+40 52.2	2.071	2.925	12.0	19.0
10 28	2 57.18	+40 56.3	2.005	2.910	9.7	18.9
11 7	2 47.41	+40 35.1	1.963	2.894	8.1	18.7
11 17	2 37.53	+39 49.1	1.947	2.879	7.9	18.7
11 27	2 28.83	+38 42.9	1.957	2.865	9.4	18.8
12 7	2 22.32	+37 24.2	1.993	2.850	11.7	18.9

510154 2010 WJ_{35} 11 6.7 330°.97 4°.5/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 17.21	+ 6 59.7	1.211	2.048	20.2	21.0
10 8	3 14.28	+ 6 51.4	1.135	2.038	16.2	20.7
10 18	3 7.81	+ 6 42.1	1.077	2.029	11.5	20.4
10 28	2 58.41	+ 6 36.7	1.041	2.020	6.6	20.1
11 7	2 47.37	+ 6 40.6	1.028	2.012	4.7	20.0
11 17	2 36.35	+ 6 57.9	1.040	2.005	8.6	20.2
11 27	2 27.05	+ 7 31.7	1.076	1.998	13.7	20.5
12 7	2 20.74	+ 8 22.2	1.132	1.992	18.4	20.7

303083 2004 AT_{16} 11 6.7 72°.15 0°.3/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 15.09	+18 49.0	1.851	2.644	15.9	20.9
10 8	3 11.23	+18 37.3	1.772	2.649	12.7	20.7
10 18	3 4.86	+18 14.8	1.714	2.655	8.8	20.5
10 28	2 56.62	+17 42.8	1.681	2.661	4.5	20.2
11 7	2 47.45	+17 4.3	1.675	2.666	0.3	19.9
11 17	2 38.45	+16 23.9	1.698	2.672	4.6	20.3
11 27	2 30.72	+15 46.8	1.749	2.678	8.8	20.5
12 7	2 25.06	+15 17.9	1.824	2.683	12.5	20.8

25035 Scalesse 11 6.7 57°.63 0°.4/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 14.65	+20 4.4	1.648	2.447	17.3	18.8
10 8	3 11.07	+19 37.5	1.581	2.461	13.8	18.6
10 18	3 4.80	+18 56.8	1.533	2.475	9.6	18.4
10 28	2 56.57	+18 4.3	1.509	2.489	4.9	18.2
11 7	2 47.46	+17 4.7	1.513	2.504	0.4	17.9
11 17	2 38.66	+16 4.0	1.544	2.518	4.9	18.3
11 27	2 31.33	+15 9.1	1.602	2.533	9.3	18.6
12 7	2 26.25	+14 25.6	1.685	2.548	13.2	18.8

211751 2004 AP_{3} 11 6.7 318°.86 1°.0/ 7.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 15.44	+19 23.4	1.772	2.566	16.5	20.2
10 8	3 11.83	+19 30.8	1.684	2.560	13.3	19.9
10 18	3 5.51	+19 27.7	1.615	2.555	9.4	19.7
10 28	2 57.06	+19 14.4	1.572	2.550	5.0	19.4
11 7	2 47.44	+18 52.6	1.555	2.545	1.0	19.1
11 17	2 37.86	+18 26.1	1.565	2.540	4.8	19.4
11 27	2 29.53	+17 59.9	1.604	2.536	9.2	19.7
12 7	2 23.40	+17 39.1	1.666	2.531	13.2	19.9

328025 2007 JM_{23} 11 6.7 194°.57 4°.9/ 1.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 10.81	+ 2 8.2	2.599	3.401	11.6	21.2
10 8	3 6.99	+ 1 2.0	2.520	3.399	9.3	21.1
10 18	3 1.51	− 0 4.3	2.465	3.398	6.9	20.9
10 28	2 54.82	− 1 5.9	2.437	3.396	5.2	20.8
11 7	2 47.53	− 1 58.1	2.438	3.394	5.2	20.8
11 17	2 40.34	− 2 36.8	2.468	3.391	7.0	20.9
11 27	2 33.95	− 2 59.2	2.525	3.389	9.4	21.1
12 7	2 28.90	− 3 4.6	2.607	3.386	11.6	21.2

150416 2000 FU_{52} 11 6.7 326°.23 0°.5/ 7.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 9.91	+18 48.8	2.684	3.464	11.8	19.8
10 8	3 6.47	+18 46.7	2.584	3.453	9.4	19.6
10 18	3 1.28	+18 37.4	2.506	3.443	6.6	19.4
10 28	2 54.77	+18 21.4	2.455	3.433	3.5	19.2
11 7	2 47.54	+18 0.5	2.432	3.423	0.5	18.9
11 17	2 40.30	+17 37.1	2.440	3.414	3.4	19.1
11 27	2 33.81	+17 14.5	2.476	3.404	6.6	19.3
12 7	2 28.68	+16 56.0	2.540	3.395	9.5	19.5

44008 1997 TN_{25} 11 6.7 52°.00 4°.0/ 4.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 17.33	+12 23.0	1.072	1.913	21.9	17.7
10 8	3 14.01	+11 17.7	1.031	1.937	17.1	17.5
10 18	3 7.14	+10 2.5	1.007	1.961	11.7	17.3
10 28	2 57.76	+ 8 45.1	1.004	1.986	6.2	17.1
11 7	2 47.45	+ 7 35.3	1.026	2.011	4.3	17.1
11 17	2 37.85	+ 6 41.7	1.072	2.037	8.4	17.4
11 27	2 30.42	+ 6 10.5	1.142	2.062	13.3	17.7
12 7	2 25.99	+ 6 3.3	1.232	2.088	17.5	18.1

42812 1999 JC_{94} 11 6.7 276°.98 4°.9/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 13.03	+ 4 43.5	2.059	2.869	13.9	18.8
10 8	3 9.38	+ 3 51.9	1.967	2.853	11.2	18.5
10 18	3 3.54	+ 2 58.0	1.896	2.837	8.1	18.3
10 28	2 55.99	+ 2 7.0	1.852	2.821	5.5	18.1
11 7	2 47.51	+ 1 24.4	1.835	2.804	5.2	18.1
11 17	2 39.01	+ 0 55.2	1.846	2.788	7.6	18.2
11 27	2 31.48	+ 0 43.1	1.884	2.771	10.8	18.4
12 7	2 25.69	+ 0 49.4	1.945	2.754	13.9	18.5

128207 2003 SL_{61} 11 6.7 42°.47 5°.1/ 2.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 11.47	+ 3 6.7	2.164	2.974	13.3	19.6
10 8	3 7.83	+ 2 11.5	2.092	2.978	10.6	19.4
10 18	3 2.24	+ 1 16.4	2.044	2.982	7.8	19.3
10 28	2 55.23	+ 0 26.5	2.021	2.986	5.6	19.2
11 7	2 47.54	− 0 13.2	2.026	2.990	5.4	19.2
11 17	2 40.01	− 0 38.5	2.059	2.994	7.4	19.3
11 27	2 33.45	− 0 46.7	2.119	2.998	10.2	19.5
12 7	2 28.51	− 0 37.5	2.202	3.003	12.8	19.7

353574 2011 SX_{255} 11 6.7 293°.62 2°.4/ 5.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 13.63	+12 23.0	1.873	2.681	15.2	21.1
10 8	3 10.02	+11 46.3	1.791	2.679	12.0	20.9
10 18	3 4.02	+11 2.3	1.730	2.677	8.3	20.7
10 28	2 56.22	+10 14.7	1.694	2.675	4.3	20.5
11 7	2 47.51	+ 9 28.1	1.686	2.673	2.5	20.3
11 17	2 38.91	+ 8 47.8	1.706	2.671	5.9	20.6
11 27	2 31.46	+ 8 18.7	1.754	2.669	9.8	20.8
12 7	2 25.96	+ 8 3.7	1.825	2.667	13.3	21.0

189081 2001 MM_{16} 11 6.7 168°.56 0°.3/ 6.5 17

9 28	3 19.37	+16 46.4	1.891	2.679	15.8	21.3
10 8	3 14.56	+16 35.7	1.808	2.683	12.6	21.1
10 18	3 7.17	+16 16.0	1.745	2.686	8.7	20.8
10 28	2 57.81	+15 48.5	1.709	2.689	4.4	20.6
11 7	2 47.46	+15 16.2	1.700	2.691	0.4	20.3
11 17	2 37.24	+14 43.4	1.720	2.692	4.8	20.6
11 27	2 28.31	+14 14.9	1.769	2.693	9.1	20.9
12 7	2 21.51	+13 55.1	1.843	2.694	12.8	21.1

262718 2006 XS_{19} 11 6.7 106°.04 3°.3/ 4.3 18

9 28	3 14.00	+ 8 9.3	2.118	2.922	13.8	20.5
10 8	3 9.89	+ 7 35.4	2.042	2.927	10.9	20.4
10 18	3 3.70	+ 6 58.5	1.988	2.932	7.6	20.2
10 28	2 55.98	+ 6 22.5	1.961	2.937	4.4	20.0
11 7	2 47.53	+ 5 51.6	1.962	2.942	3.5	19.9
11 17	2 39.23	+ 5 29.6	1.992	2.947	6.0	20.1
11 27	2 31.97	+ 5 19.8	2.049	2.952	9.3	20.3
12 7	2 26.44	+ 5 23.5	2.132	2.957	12.3	20.5

209316 2004 BP_{13} 11 6.7 349°.38 0°.0/ 6.6 18

9 28	3 13.84	+17 12.6	1.596	2.406	17.3	20.4
10 8	3 10.78	+17 10.5	1.515	2.402	13.8	20.2
10 18	3 4.89	+16 58.3	1.453	2.398	9.6	19.9
10 28	2 56.78	+16 37.2	1.414	2.395	4.9	19.7
11 7	2 47.50	+16 10.3	1.402	2.393	0.2	19.3
11 17	2 38.29	+15 42.0	1.417	2.391	5.2	19.7
11 27	2 30.44	+15 17.8	1.458	2.390	10.0	20.0
12 7	2 24.92	+15 2.5	1.522	2.389	14.1	20.2

298108 2002 RV_{140} 11 6.7 31°.05 3°.0/ 4.9 18

9 28	3 15.58	+ 9 29.9	1.700	2.514	16.3	19.9
10 8	3 11.72	+ 9 10.6	1.627	2.518	12.8	19.7
10 18	3 5.27	+ 8 47.5	1.575	2.522	8.9	19.5
10 28	2 56.87	+ 8 24.4	1.547	2.526	4.9	19.3
11 7	2 47.50	+ 8 5.4	1.546	2.531	3.2	19.2
11 17	2 38.31	+ 7 54.7	1.573	2.536	6.4	19.4
11 27	2 30.44	+ 7 55.6	1.626	2.541	10.4	19.6
12 7	2 24.72	+ 8 9.9	1.703	2.546	14.0	19.9

53847 2000 FJ_{13} 11 6.7 105°.31 4°.8/ 3.1 18

9 28	3 14.50	+ 4 59.9	2.043	2.850	14.1	19.5
10 8	3 10.24	+ 4 2.3	1.978	2.863	11.2	19.4
10 18	3 3.89	+ 3 3.4	1.936	2.876	8.0	19.2
10 28	2 56.04	+ 2 8.7	1.920	2.888	5.4	19.1
11 7	2 47.53	+ 1 23.5	1.932	2.901	5.0	19.1
11 17	2 39.27	+ 0 52.2	1.972	2.913	7.3	19.2
11 27	2 32.13	+ 0 37.8	2.040	2.925	10.2	19.4
12 7	2 26.75	+ 0 40.9	2.131	2.936	13.0	19.6

272418 2005 TA_{98} 11 6.7 102°.95 1°.0/ 7.3 16

9 28	3 20.03	+21 3.8	1.771	2.552	17.0	21.7
10 8	3 15.06	+20 49.4	1.705	2.573	13.6	21.5
10 18	3 7.43	+20 21.8	1.658	2.594	9.5	21.3
10 28	2 57.87	+19 42.2	1.637	2.614	5.0	21.1
11 7	2 47.47	+18 53.9	1.643	2.634	1.0	20.8
11 17	2 37.45	+18 1.9	1.679	2.653	4.6	21.1
11 27	2 28.95	+17 12.7	1.742	2.671	8.8	21.4
12 7	2 22.74	+16 31.8	1.831	2.689	12.5	21.7

323209 2003 SG_{13} 11 6.7 31°.45 7°.4/31.4 18

9 28	3 9.30	+ 0 44.6	1.809	2.635	14.9	19.6
10 8	3 6.43	− 1 0.8	1.756	2.647	12.0	19.5
10 18	3 1.39	− 2 44.9	1.725	2.659	9.3	19.3
10 28	2 54.82	− 4 19.2	1.719	2.672	7.5	19.3
11 7	2 47.58	− 5 35.7	1.740	2.685	7.9	19.3
11 17	2 40.60	− 6 28.7	1.787	2.699	10.0	19.5
11 27	2 34.78	− 6 55.2	1.858	2.714	12.6	19.7
12 7	2 30.75	− 6 55.9	1.951	2.729	15.1	19.9

80984 Santomurakami 11 6.7 86°.34 2°.1/ 5.6 18

9 28	3 20.34	+11 55.8	1.565	2.372	17.7	19.0
10 8	3 15.57	+11 44.6	1.502	2.388	14.0	18.8
10 18	3 7.93	+11 27.7	1.458	2.404	9.6	18.6
10 28	2 58.17	+11 8.1	1.440	2.420	4.9	18.3
11 7	2 47.47	+10 49.7	1.448	2.436	2.2	18.2
11 17	2 37.12	+10 36.5	1.484	2.452	6.1	18.5
11 27	2 28.37	+10 32.6	1.547	2.467	10.5	18.8
12 7	2 22.07	+10 40.4	1.634	2.482	14.3	19.0

460588 2014 US_{20} 11 6.7 347°.69 2°.6/ 4.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 11.63	+ 9 40.0	2.100	2.909	13.8	21.3
10 8	3 8.19	+ 9 21.6	2.016	2.904	10.9	21.1
10 18	3 2.64	+ 8 59.9	1.953	2.899	7.5	20.9
10 28	2 55.51	+ 8 37.8	1.917	2.896	4.1	20.7
11 7	2 47.56	+ 8 18.8	1.907	2.892	2.7	20.6
11 17	2 39.68	+ 8 6.4	1.927	2.889	5.5	20.8
11 27	2 32.77	+ 8 3.6	1.974	2.887	9.0	21.0
12 7	2 27.55	+ 8 12.3	2.046	2.885	12.2	21.2

375212 2008 FA_3 11 6.7 152°.10 3°.7/ 8.8 18

9 28	3 20.95	+25 45.7	1.682	2.451	18.2	21.1
10 8	3 16.45	+26 11.1	1.600	2.456	15.0	20.9
10 18	3 8.84	+26 21.5	1.537	2.460	11.1	20.7
10 28	2 58.79	+26 14.5	1.498	2.464	6.9	20.5
11 7	2 47.45	+25 50.2	1.484	2.467	3.8	20.3
11 17	2 36.24	+25 11.9	1.499	2.470	5.5	20.4
11 27	2 26.58	+24 26.2	1.541	2.473	9.5	20.6
12 7	2 19.51	+23 40.8	1.607	2.475	13.4	20.9

3439 Lebofsky 11 6.7 97°.04 1°.5/ 7.7 18

9 28	3 17.40	+21 33.1	2.023	2.797	15.4	16.9
10 8	3 12.81	+21 37.7	1.947	2.811	12.3	16.7
10 18	3 5.84	+21 31.1	1.893	2.825	8.7	16.5
10 28	2 57.10	+21 13.5	1.864	2.838	4.8	16.3
11 7	2 47.52	+20 46.8	1.863	2.852	1.6	16.1
11 17	2 38.15	+20 14.4	1.891	2.865	4.2	16.3
11 27	2 30.03	+19 41.0	1.948	2.878	8.0	16.6
12 7	2 23.91	+19 11.7	2.030	2.891	11.4	16.8

254293 2004 RE_{266} 11 6.7 325°.87 0°.3/ 6.4 18

9 28	3 13.37	+16 35.4	2.098	2.891	14.3	20.8
10 8	3 9.63	+16 24.3	2.010	2.888	11.3	20.6
10 18	3 3.69	+16 5.2	1.944	2.886	7.8	20.4
10 28	2 56.06	+15 39.3	1.903	2.883	3.9	20.2
11 7	2 47.56	+15 9.7	1.890	2.881	0.4	19.9
11 17	2 39.12	+14 39.9	1.906	2.879	4.4	20.2
11 27	2 31.72	+14 14.1	1.951	2.877	8.3	20.4
12 7	2 26.11	+13 56.2	2.021	2.875	11.7	20.6

50934 2000 GW_{68} 11 6.7 308°.65 0°.1/ 6.8 18 R

9 28	3 16.09	+17 12.0	1.930	2.721	15.4	19.5
10 8	3 12.01	+17 14.0	1.844	2.721	12.3	19.3
10 18	3 5.45	+17 7.7	1.779	2.720	8.6	19.1
10 28	2 56.99	+16 54.0	1.739	2.719	4.4	18.9
11 7	2 47.53	+16 35.0	1.727	2.718	0.2	18.5
11 17	2 38.13	+16 14.0	1.744	2.717	4.6	18.9
11 27	2 29.91	+15 55.5	1.789	2.717	8.7	19.1
12 7	2 23.71	+15 43.4	1.859	2.716	12.4	19.4

304395 2006 TJ_1 11 6.7 23°.43 2°.5/ 8.1 18

9 28	3 15.02	+22 39.5	1.608	2.401	17.9	20.4
10 8	3 11.72	+22 57.6	1.533	2.407	14.5	20.2
10 18	3 5.52	+23 2.1	1.478	2.413	10.5	19.9
10 28	2 57.09	+22 52.4	1.447	2.420	6.0	19.7
11 7	2 47.54	+22 29.9	1.440	2.428	2.5	19.5
11 17	2 38.16	+21 58.3	1.461	2.436	5.0	19.7
11 27	2 30.25	+21 23.6	1.509	2.445	9.3	20.0
12 7	2 24.76	+20 52.5	1.580	2.454	13.3	20.2

398890 2013 CU_{99} 11 6.7 78°.31 1°.4/ 7.7 17

9 28	3 14.79	+22 6.9	1.942	2.723	15.7	21.3
10 8	3 10.94	+21 57.2	1.861	2.729	12.6	21.1
10 18	3 4.66	+21 34.8	1.802	2.736	9.0	20.9
10 28	2 56.55	+21 0.1	1.767	2.743	4.9	20.6
11 7	2 47.56	+20 15.8	1.760	2.749	1.4	20.4
11 17	2 38.74	+19 26.2	1.781	2.756	4.3	20.6
11 27	2 31.15	+18 37.2	1.831	2.763	8.3	20.9
12 7	2 25.58	+17 54.4	1.906	2.769	11.9	21.1

273244 2006 KG_{43} 11 6.7 289°.64 1°.7/ 5.4 17

9 28	3 12.67	+12 9.5	2.335	3.132	12.9	21.1
10 8	3 8.89	+11 53.8	2.237	3.118	10.2	20.9
10 18	3 3.10	+11 33.2	2.161	3.105	7.1	20.7
10 28	2 55.77	+11 10.0	2.111	3.091	3.6	20.4
11 7	2 47.59	+10 47.0	2.090	3.078	1.8	20.3
11 17	2 39.39	+10 27.6	2.098	3.064	4.7	20.4
11 27	2 32.05	+10 15.1	2.135	3.051	8.2	20.6
12 7	2 26.26	+10 12.0	2.197	3.038	11.4	20.8

500763 2013 CF_1 11 6.7 347°.61 22°.6/16.4 17

9 28	3 7.91	−19 25.7	0.934	1.777	24.3	20.1
10 8	3 7.54	−23 33.1	0.909	1.771	23.0	20.0
10 18	3 3.34	−27 10.3	0.900	1.766	22.6	20.0
10 28	2 56.17	−29 54.4	0.909	1.761	23.3	20.0
11 7	2 47.58	−31 30.4	0.931	1.758	24.7	20.1
11 17	2 39.36	−31 53.8	0.967	1.756	26.5	20.2
11 27	2 33.20	−31 9.4	1.013	1.755	28.3	20.4
12 7	2 30.17	−29 28.9	1.068	1.755	29.9	20.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
367820 2011 AE_{79}		11 6.7 219°.94 9°.6/17.4 17				
	h m	° ′			°	m
9 28	3 21.09	+50 37.4	2.710	3.302	15.5	21.5
10 8	3 16.35	+51 26.2	2.612	3.298	14.2	21.4
10 18	3 8.69	+51 55.0	2.530	3.294	12.7	21.3
10 28	2 58.71	+51 58.4	2.467	3.290	11.2	21.1
11 7	2 47.50	+51 33.2	2.427	3.286	10.0	21.1
11 17	2 36.36	+50 39.2	2.410	3.281	9.6	21.0
11 27	2 26.65	+49 20.5	2.420	3.277	10.0	21.0
12 7	2 19.35	+47 44.4	2.454	3.272	11.1	21.1
140781 2001 UD_{134}		11 6.7 204°.64 0°.6/ 6.2 18				
9 28	3 13.62	+17 13.3	2.426	3.208	12.9	20.6
10 8	3 9.49	+16 38.1	2.331	3.204	10.2	20.4
10 18	3 3.41	+15 53.7	2.260	3.200	7.0	20.2
10 28	2 55.88	+15 2.1	2.215	3.195	3.5	20.0
11 7	2 47.60	+14 6.9	2.199	3.190	0.7	19.8
11 17	2 39.40	+13 12.3	2.214	3.184	4.1	20.0
11 27	2 32.11	+12 22.9	2.258	3.178	7.6	20.2
12 7	2 26.38	+11 42.9	2.329	3.171	10.8	20.4
124037 2001 FU_{133}		11 6.7 125°.38 0°.4/ 6.4 18				
9 28	3 13.97	+15 56.2	2.644	3.423	12.0	20.3
10 8	3 9.49	+15 46.6	2.562	3.433	9.5	20.1
10 18	3 3.25	+15 30.8	2.503	3.442	6.5	20.0
10 28	2 55.74	+15 10.3	2.472	3.452	3.2	19.8
11 7	2 47.61	+14 47.3	2.470	3.461	0.4	19.6
11 17	2 39.61	+14 24.5	2.499	3.470	3.6	19.8
11 27	2 32.48	+14 5.0	2.558	3.479	6.8	20.1
12 7	2 26.79	+13 51.5	2.643	3.487	9.6	20.3
116623 2004 BN_{118}		11 6.7 170°.87 2°.1/ 5.5 18				
9 28	3 19.54	+11 56.9	1.707	2.510	16.7	20.3
10 8	3 14.95	+11 43.4	1.627	2.512	13.2	20.0
10 18	3 7.59	+11 24.1	1.568	2.513	9.1	19.8
10 28	2 58.11	+11 1.8	1.534	2.515	4.7	19.5
11 7	2 47.53	+10 40.3	1.527	2.516	2.2	19.4
11 17	2 37.10	+10 23.7	1.549	2.516	6.0	19.6
11 27	2 28.03	+10 16.2	1.598	2.517	10.3	19.9
12 7	2 21.26	+10 20.5	1.671	2.516	14.2	20.1
149739 2004 ND_{5}		11 6.7 128°.41 0°.6/ 7.1 18				
9 28	3 18.93	+19 58.2	1.930	2.709	15.8	21.3
10 8	3 14.08	+19 42.6	1.855	2.723	12.6	21.1
10 18	3 6.74	+19 15.4	1.800	2.736	8.8	20.9
10 28	2 57.57	+18 37.8	1.771	2.749	4.6	20.6
11 7	2 47.55	+17 52.8	1.770	2.761	0.6	20.4
11 17	2 37.79	+17 5.1	1.799	2.773	4.4	20.7
11 27	2 29.35	+16 20.3	1.856	2.784	8.5	21.0
12 7	2 23.02	+15 43.3	1.940	2.794	12.1	21.2
305890 2009 FL_{21}		11 6.7 241°.10 0°.7/ 7.1 18				
9 28	3 15.44	+19 30.4	1.938	2.725	15.5	21.3
10 8	3 11.54	+19 24.6	1.849	2.723	12.4	21.1
10 18	3 5.17	+19 8.1	1.782	2.720	8.7	20.8
10 28	2 56.88	+18 41.6	1.739	2.717	4.6	20.6
11 7	2 47.58	+18 7.5	1.724	2.715	0.7	20.3
11 17	2 38.36	+17 29.9	1.738	2.712	4.5	20.6
11 27	2 30.30	+16 53.9	1.779	2.709	8.6	20.8
12 7	2 24.26	+16 24.5	1.846	2.706	12.3	21.0
13992 Cesarebarbieri		11 6.7 128°.96 0°.7/ 7.1 18				
9 28	3 20.86	+18 18.5	1.720	2.508	17.1	18.5
10 8	3 16.03	+18 28.9	1.643	2.516	13.7	18.3
10 18	3 8.36	+18 29.7	1.586	2.524	9.6	18.0
10 28	2 58.49	+18 21.0	1.554	2.532	5.0	17.8
11 7	2 47.53	+18 4.8	1.549	2.539	0.7	17.5
11 17	2 36.76	+17 44.5	1.573	2.547	4.9	17.8
11 27	2 27.44	+17 25.0	1.624	2.553	9.4	18.1
12 7	2 20.51	+17 11.2	1.701	2.560	13.3	18.4
512091 2015 OP_{8}		11 6.7 335°.22 12°.0/27.4 18				
9 28	3 12.07	−11 8.3	1.730	2.539	16.2	20.6
10 8	3 8.91	−13 16.3	1.676	2.536	14.2	20.4
10 18	3 3.30	−15 13.9	1.644	2.534	12.6	20.3
10 28	2 55.90	−16 50.2	1.635	2.532	12.0	20.3
11 7	2 47.62	−17 56.2	1.649	2.531	12.7	20.4
11 17	2 39.54	−18 26.6	1.686	2.529	14.4	20.5
11 27	2 32.69	−18 20.6	1.743	2.528	16.4	20.6
12 7	2 27.86	−17 41.7	1.819	2.526	18.4	20.8
251526 2008 GX_{98}		11 6.7 292°.47 1°.4/ 5.7 18				
9 28	3 13.21	+14 18.9	2.052	2.851	14.3	20.6
10 8	3 9.52	+13 51.7	1.966	2.849	11.3	20.4
10 18	3 3.62	+13 16.9	1.902	2.847	7.8	20.2
10 28	2 56.04	+12 37.1	1.864	2.845	3.9	20.0
11 7	2 47.62	+11 56.0	1.854	2.843	1.5	19.8
11 17	2 39.29	+11 18.1	1.873	2.841	5.0	20.0
11 27	2 32.00	+10 48.0	1.920	2.840	8.8	20.3
12 7	2 26.52	+10 29.0	1.992	2.838	12.2	20.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
518565 2007 GL_{62}		11 6.7 210°.44 2°.4/ 8.1 18				
	h m	° ′			°	m
9 28	3 19.06	+23 0.2	1.843	2.617	16.7	21.1
10 8	3 14.70	+23 16.6	1.752	2.614	13.6	20.9
10 18	3 7.54	+23 20.6	1.681	2.610	9.9	20.7
10 28	2 58.15	+23 11.2	1.635	2.607	5.8	20.4
11 7	2 47.55	+22 49.0	1.616	2.603	2.5	20.2
11 17	2 36.96	+22 17.2	1.625	2.598	4.8	20.3
11 27	2 27.68	+21 41.1	1.662	2.594	9.0	20.6
12 7	2 20.68	+21 7.2	1.725	2.589	12.8	20.8
482890 2014 FR_{53}		11 6.7 232°.72 4°.6/ 2.7 18				
9 28	3 13.43	+ 7 45.2	2.047	2.855	14.1	21.7
10 8	3 9.67	+ 6 22.1	1.958	2.845	11.2	21.5
10 18	3 3.71	+ 4 52.4	1.893	2.836	8.0	21.3
10 28	2 56.10	+ 3 22.1	1.854	2.825	5.2	21.1
11 7	2 47.62	+ 1 58.4	1.844	2.815	5.0	21.1
11 17	2 39.20	+ 0 47.8	1.863	2.804	7.6	21.2
11 27	2 31.80	− 0 4.1	1.909	2.793	10.9	21.4
12 7	2 26.16	− 0 34.8	1.978	2.781	14.0	21.6
190 Ismene		11 6.7 327°.45 1°.8/ 4.9 18				
9 28	3 7.84	+12 5.3	2.700	3.499	11.3	13.2
10 8	3 4.77	+11 30.7	2.605	3.488	8.9	13.0
10 18	3 0.09	+10 51.0	2.532	3.478	6.1	12.8
10 28	2 54.20	+10 8.7	2.487	3.467	3.2	12.6
11 7	2 47.69	+ 9 27.2	2.471	3.457	1.9	12.5
11 17	2 41.20	+ 8 50.0	2.484	3.447	4.4	12.6
11 27	2 35.42	+ 8 20.4	2.526	3.438	7.4	12.8
12 7	2 30.90	+ 8 1.0	2.594	3.428	10.1	13.0
320206 2007 HJ_{13}		11 6.7 163°.18 0°.1/ 6.6 18				
9 28	3 15.25	+16 7.7	2.908	3.678	11.2	21.5
10 8	3 10.37	+16 6.7	2.818	3.683	8.9	21.4
10 18	3 3.82	+16 0.4	2.752	3.688	6.1	21.2
10 28	2 56.04	+15 49.6	2.713	3.692	3.1	21.0
11 7	2 47.65	+15 35.9	2.705	3.696	0.2	20.8
11 17	2 39.32	+15 21.5	2.728	3.699	3.3	21.0
11 27	2 31.78	+15 9.0	2.782	3.702	6.3	21.3
12 7	2 25.57	+15 0.9	2.863	3.705	9.0	21.4
349231 2007 TB_{34}		11 6.7 35°.63 0°.5/ 6.9 18				
9 28	3 16.90	+17 29.3	1.423	2.235	19.0	19.6
10 8	3 13.31	+17 43.0	1.362	2.249	15.1	19.4
10 18	3 6.64	+17 46.5	1.319	2.264	10.5	19.1
10 28	2 57.66	+17 40.6	1.300	2.280	5.4	18.9
11 7	2 47.59	+17 27.6	1.306	2.297	0.5	18.6
11 17	2 37.87	+17 11.6	1.339	2.314	5.3	19.0
11 27	2 29.83	+16 58.0	1.397	2.332	10.1	19.3
12 7	2 24.39	+16 51.3	1.479	2.350	14.2	19.6
487003 2014 NK_{60}		11 6.7 42°.65 10°.1/30.6 18				
9 28	3 12.91	−10 25.3	1.896	2.698	15.3	20.2
10 8	3 9.12	−11 45.7	1.854	2.714	13.0	20.1
10 18	3 3.17	−12 54.5	1.833	2.730	11.1	20.0
10 28	2 55.73	−13 43.9	1.836	2.747	10.1	20.0
11 7	2 47.68	−14 8.2	1.863	2.763	10.5	20.0
11 17	2 39.96	−14 4.5	1.914	2.781	11.8	20.1
11 27	2 33.45	−13 33.3	1.988	2.798	13.7	20.3
12 7	2 28.77	−12 37.9	2.082	2.816	15.6	20.5
403935 2012 BR_{18}		11 6.7 107°.03 5°.4/ 2.0 18				
9 28	3 12.09	+ 1 47.7	2.326	3.131	12.7	21.5
10 8	3 8.14	+ 0 42.6	2.259	3.140	10.2	21.3
10 18	3 2.39	− 0 21.8	2.217	3.150	7.6	21.2
10 28	2 55.33	− 1 20.0	2.200	3.159	5.7	21.1
11 7	2 47.70	− 2 7.1	2.212	3.168	5.7	21.1
11 17	2 40.24	− 2 39.0	2.253	3.177	7.5	21.2
11 27	2 33.72	− 2 53.2	2.320	3.186	10.0	21.4
12 7	2 28.71	− 2 49.6	2.411	3.195	12.3	21.6
195833 2002 QE_{62}		11 6.7 11°.02 3°.5/ 9.5 17				
9 28	3 13.94	+27 54.7	2.300	3.051	14.4	20.9
10 8	3 10.12	+28 11.2	2.210	3.051	11.9	20.8
10 18	3 4.07	+28 14.4	2.140	3.052	9.0	20.6
10 28	2 56.31	+28 3.2	2.094	3.053	5.9	20.4
11 7	2 47.67	+27 37.9	2.076	3.054	3.7	20.3
11 17	2 39.09	+27 1.1	2.087	3.055	4.5	20.3
11 27	2 31.55	+26 17.3	2.126	3.056	7.4	20.5
12 7	2 25.80	+25 32.2	2.191	3.057	10.4	20.7
190930 2001 VF_{5}		11 6.7 333°.05 1°.2/ 7.3 18				
9 28	3 11.07	+20 13.1	1.270	2.095	20.1	19.7
10 8	3 9.57	+20 14.5	1.185	2.079	16.3	19.4
10 18	3 4.70	+20 0.5	1.117	2.065	11.6	19.1
10 28	2 57.00	+19 31.0	1.071	2.051	6.3	18.8
11 7	2 47.65	+18 49.1	1.048	2.038	1.3	18.4
11 17	2 38.21	+18 0.5	1.050	2.027	6.0	18.7
11 27	2 30.37	+17 13.8	1.075	2.016	11.6	19.0
12 7	2 25.39	+16 37.2	1.123	2.007	16.6	19.3

194590 2001 XA_{117} 11 6.7 296°.17 0°.0/ 6.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 17.36	+16 24.3	1.615	2.419	17.4	20.0
10 8	3 13.70	+16 33.0	1.525	2.409	14.0	19.7
10 18	3 7.07	+16 33.3	1.455	2.399	9.8	19.5
10 28	2 58.03	+16 25.9	1.409	2.389	5.0	19.2
11 7	2 47.62	+16 13.0	1.388	2.379	0.2	18.7
11 17	2 37.15	+15 58.0	1.396	2.370	5.3	19.1
11 27	2 28.03	+15 45.8	1.430	2.360	10.2	19.4
12 7	2 21.31	+15 41.1	1.487	2.351	14.6	19.6

274222 2008 JS_{40} 11 6.7 215°.47 1°.5/ 5.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 16.44	+15 40.5	1.700	2.503	16.7	21.4
10 8	3 12.62	+15 2.2	1.614	2.499	13.3	21.2
10 18	3 6.08	+14 12.6	1.549	2.495	9.2	20.9
10 28	2 57.42	+13 14.8	1.509	2.491	4.6	20.7
11 7	2 47.66	+12 14.0	1.496	2.486	1.6	20.5
11 17	2 38.00	+11 16.3	1.512	2.481	5.8	20.7
11 27	2 29.66	+10 28.6	1.554	2.476	10.3	21.0
12 7	2 23.57	+ 9 55.6	1.621	2.470	14.3	21.2

198712 2005 CS_{51} 11 6.7 276°.12 4°.9/10.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 15.29	+32 16.0	2.495	3.217	14.1	20.2
10 8	3 11.22	+32 47.2	2.393	3.209	11.9	20.0
10 18	3 4.89	+33 4.7	2.311	3.202	9.4	19.9
10 28	2 56.78	+33 5.9	2.254	3.194	6.9	19.7
11 7	2 47.68	+32 50.2	2.223	3.186	5.1	19.6
11 17	2 38.53	+32 18.8	2.221	3.178	5.4	19.6
11 27	2 30.35	+31 35.8	2.248	3.170	7.5	19.7
12 7	2 23.95	+30 46.9	2.301	3.162	10.2	19.9

481612 2007 TX_{452} 11 6.7 346°.57 1°.7/ 5.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 4.63	+19 32.7	1.266	2.103	19.4	20.0
10 8	3 4.21	+18 10.4	1.185	2.090	15.5	19.7
10 18	3 0.74	+16 24.2	1.123	2.078	10.7	19.4
10 28	2 54.87	+14 19.5	1.084	2.068	5.3	19.1
11 7	2 47.73	+12 6.4	1.069	2.059	2.0	18.9
11 17	2 40.70	+ 9 58.2	1.080	2.051	7.1	19.2
11 27	2 35.17	+ 8 8.3	1.115	2.045	12.5	19.4
12 7	2 32.15	+ 6 45.4	1.172	2.041	17.2	19.7

400207 2007 BC_{16} 11 6.7 115°.50 3°.3/ 4.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 14.09	+ 7 16.2	2.372	3.170	12.7	21.7
10 8	3 9.69	+ 6 39.0	2.301	3.182	10.0	21.6
10 18	3 3.45	+ 5 59.8	2.253	3.194	7.0	21.4
10 28	2 55.89	+ 5 22.2	2.232	3.206	4.2	21.3
11 7	2 47.72	+ 4 50.1	2.240	3.217	3.5	21.2
11 17	2 39.74	+ 4 27.0	2.277	3.228	5.7	21.4
11 27	2 32.72	+ 4 15.5	2.343	3.239	8.6	21.6
12 7	2 27.23	+ 4 16.9	2.434	3.249	11.3	21.8

168375 1997 EE_{1} 11 6.7 116°.65 5°.2/ 2.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 13.87	+ 6 14.3	1.902	2.715	14.8	20.9
10 8	3 9.99	+ 4 48.9	1.835	2.724	11.7	20.7
10 18	3 3.88	+ 3 19.7	1.791	2.733	8.4	20.5
10 28	2 56.17	+ 1 53.5	1.773	2.742	5.7	20.4
11 7	2 47.72	+ 0 37.5	1.783	2.750	5.6	20.4
11 17	2 39.52	− 0 22.1	1.821	2.758	8.0	20.6
11 27	2 32.48	− 1 1.0	1.885	2.766	11.2	20.8
12 7	2 27.31	− 1 17.9	1.973	2.774	14.1	21.0

480686 2015 PA_{49} 11 6.7 97°.14 9°.9/30.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 16.26	−10 32.9	1.990	2.781	15.0	21.3
10 8	3 11.62	−11 59.3	1.947	2.799	12.8	21.2
10 18	3 4.84	−13 14.6	1.925	2.817	10.9	21.2
10 28	2 56.57	−14 11.0	1.928	2.835	10.0	21.1
11 7	2 47.71	−14 42.5	1.956	2.852	10.3	21.2
11 17	2 39.20	−14 46.3	2.009	2.869	11.7	21.3
11 27	2 31.91	−14 22.5	2.085	2.885	13.5	21.5
12 7	2 26.47	−13 34.5	2.182	2.901	15.4	21.7

261300 2005 UN_{181} 11 6.7 190°.64 1°.2/ 5.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 13.78	+13 59.6	2.254	3.047	13.4	21.0
10 8	3 9.76	+13 39.2	2.167	3.047	10.6	20.8
10 18	3 3.70	+13 12.4	2.103	3.046	7.3	20.6
10 28	2 56.10	+12 41.4	2.065	3.046	3.7	20.3
11 7	2 47.73	+12 9.4	2.056	3.045	1.3	20.2
11 17	2 39.44	+11 40.0	2.076	3.044	4.6	20.4
11 27	2 32.12	+11 17.1	2.125	3.043	8.1	20.6
12 7	2 26.44	+11 3.5	2.199	3.042	11.3	20.8

157746 2006 BX_{270} 11 6.7 286°.08 1°.2/ 7.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 15.23	+19 52.3	2.253	3.029	13.9	20.4
10 8	3 11.09	+20 4.6	2.159	3.025	11.2	20.2
10 18	3 4.74	+20 8.6	2.086	3.020	7.9	20.0
10 28	2 56.69	+20 4.1	2.040	3.016	4.3	19.7
11 7	2 47.72	+19 52.4	2.022	3.011	1.2	19.5
11 17	2 38.75	+19 35.8	2.033	3.007	3.9	19.7
11 27	2 30.76	+19 18.0	2.073	3.002	7.6	19.9
12 7	2 24.51	+19 3.0	2.139	2.998	10.9	20.1

488211 2015 XR_{295} 11 6.7 153°.14 2°.8/ 4.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 14.54	+ 7 58.3	2.447	3.242	12.4	21.6
10 8	3 10.09	+ 7 40.4	2.365	3.244	9.8	21.5
10 18	3 3.79	+ 7 20.6	2.306	3.247	6.8	21.3
10 28	2 56.10	+ 7 1.9	2.273	3.249	3.9	21.1
11 7	2 47.74	+ 6 47.1	2.270	3.252	2.9	21.0
11 17	2 39.48	+ 6 39.1	2.297	3.254	5.2	21.2
11 27	2 32.10	+ 6 40.2	2.352	3.256	8.2	21.4
12 7	2 26.24	+ 6 51.8	2.433	3.257	11.0	21.6

228246 1998 WC_{46} 11 6.7 300°.75 7°.6/31.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 13.55	− 5 11.4	2.213	3.013	13.4	19.9
10 8	3 9.72	− 6 2.2	2.120	2.989	11.3	19.7
10 18	3 3.79	− 6 48.1	2.048	2.964	9.1	19.5
10 28	2 56.22	− 7 22.8	2.002	2.940	7.7	19.4
11 7	2 47.74	− 7 40.8	1.982	2.916	7.9	19.4
11 17	2 39.21	− 7 38.1	1.989	2.891	9.7	19.4
11 27	2 31.54	− 7 12.9	2.021	2.867	12.1	19.5
12 7	2 25.50	− 6 26.1	2.076	2.843	14.6	19.7

157597 2005 VX_{52} 11 6.7 295°.59 3°.4/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 17.12	+ 9 12.8	1.576	2.392	17.2	20.2
10 8	3 13.36	+ 8 51.8	1.494	2.386	13.7	19.9
10 18	3 6.72	+ 8 26.8	1.433	2.380	9.6	19.7
10 28	2 57.82	+ 8 1.6	1.396	2.375	5.3	19.4
11 7	2 47.69	+ 7 41.0	1.385	2.369	3.6	19.3
11 17	2 37.63	+ 7 29.8	1.401	2.364	7.1	19.5
11 27	2 28.95	+ 7 31.7	1.443	2.359	11.4	19.8
12 7	2 22.62	+ 7 48.9	1.508	2.353	15.4	20.0

328683 2009 SB_{341} 11 6.7 280°.82 1°.9/ 7.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 16.72	+21 12.8	2.270	3.038	14.1	20.7
10 8	3 12.36	+21 38.8	2.169	3.029	11.4	20.5
10 18	3 5.71	+21 56.6	2.090	3.019	8.2	20.3
10 28	2 57.23	+22 5.3	2.037	3.009	4.7	20.0
11 7	2 47.72	+22 5.3	2.012	2.999	1.9	19.8
11 17	2 38.13	+21 58.0	2.016	2.989	4.1	20.0
11 27	2 29.49	+21 46.9	2.050	2.980	7.7	20.2
12 7	2 22.63	+21 36.1	2.110	2.970	11.0	20.4

338997 2004 GO_{30} 11 6.7 162°.18 1°.0/ 7.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 19.50	+20 34.8	1.976	2.751	15.7	21.9
10 8	3 14.65	+20 27.0	1.891	2.756	12.6	21.7
10 18	3 7.27	+20 7.7	1.828	2.762	8.9	21.5
10 28	2 57.97	+19 37.4	1.790	2.766	4.7	21.3
11 7	2 47.72	+18 58.5	1.780	2.770	1.0	21.0
11 17	2 37.61	+18 15.1	1.800	2.773	4.4	21.3
11 27	2 28.77	+17 32.6	1.848	2.776	8.5	21.5
12 7	2 22.02	+16 56.5	1.923	2.778	12.1	21.8

517048 2013 AJ_{58} 11 6.7 286°.82 5°.6/ 3.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 14.38	+ 3 52.5	1.823	2.638	15.3	21.4
10 8	3 10.82	+ 3 3.9	1.734	2.623	12.3	21.1
10 18	3 4.78	+ 2 14.0	1.667	2.608	9.0	20.9
10 28	2 56.79	+ 1 28.5	1.625	2.593	6.2	20.7
11 7	2 47.75	+ 0 53.4	1.609	2.578	5.8	20.7
11 17	2 38.69	+ 0 34.0	1.621	2.564	8.4	20.8
11 27	2 30.73	+ 0 33.8	1.659	2.549	11.9	21.0
12 7	2 24.75	+ 0 53.7	1.719	2.534	15.2	21.1

187813 1999 TR_{154} 11 6.7 24°.57 1°.0/ 6.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 12.11	+15 29.3	1.569	2.386	17.2	19.7
10 8	3 9.21	+15 10.3	1.506	2.399	13.6	19.5
10 18	3 3.66	+14 42.0	1.463	2.412	9.3	19.3
10 28	2 56.16	+14 7.3	1.444	2.427	4.6	19.0
11 7	2 47.77	+13 30.5	1.452	2.442	1.1	18.8
11 17	2 39.67	+12 56.7	1.486	2.458	5.4	19.2
11 27	2 32.98	+12 31.2	1.546	2.475	9.7	19.5
12 7	2 28.49	+12 17.6	1.629	2.492	13.5	19.7

243086 2007 PH_{2} 11 6.7 345°.05 4°.6/ 9.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 16.68	+28 58.9	1.733	2.496	18.0	20.2
10 8	3 13.15	+29 18.6	1.647	2.496	15.0	20.0
10 18	3 6.66	+29 20.7	1.580	2.495	11.4	19.8
10 28	2 57.81	+29 2.6	1.535	2.494	7.6	19.6
11 7	2 47.72	+28 24.5	1.516	2.493	4.8	19.4
11 17	2 37.72	+27 29.9	1.524	2.493	5.8	19.5
11 27	2 29.16	+26 26.0	1.559	2.493	9.3	19.7
12 7	2 23.06	+25 21.4	1.619	2.492	13.0	19.9

226054 2002 GP_{128} 11 6.7 67°.61 3°.8/ 9.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 19.60	+27 55.3	2.177	2.920	15.3	20.1
10 8	3 14.44	+28 24.6	2.113	2.949	12.6	19.9
10 18	3 6.92	+28 40.2	2.070	2.978	9.4	19.8
10 28	2 57.70	+28 40.5	2.051	3.007	6.2	19.6
11 7	2 47.73	+28 25.9	2.060	3.036	3.9	19.5
11 17	2 38.07	+27 58.9	2.099	3.065	4.8	19.6
11 27	2 29.71	+27 24.4	2.166	3.093	7.5	19.9
12 7	2 23.36	+26 47.9	2.259	3.121	10.3	20.1

175837 1999 TF_{138} 11 6.7 87°.02 2°.6/ 8.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 23.68	+22 36.4	1.508	2.290	19.4	20.4
10 8	3 18.59	+22 58.9	1.446	2.312	15.6	20.2
10 18	3 10.26	+23 7.1	1.402	2.334	11.2	20.0
10 28	2 59.52	+23 0.0	1.382	2.355	6.4	19.8
11 7	2 47.70	+22 38.7	1.389	2.376	2.7	19.6
11 17	2 36.29	+22 7.4	1.423	2.397	5.3	19.8
11 27	2 26.73	+21 32.7	1.484	2.417	9.7	20.1
12 7	2 19.96	+21 1.6	1.569	2.437	13.7	20.4

305908 2009 FQ_{45} 11 6.7 204°.91 4°.0/ 3.2 18

9 28	3 12.94	+ 8 35.0	2.145	2.950	13.6	21.3
10 8	3 9.16	+ 7 21.6	2.061	2.947	10.8	21.1
10 18	3 3.31	+ 6 2.5	2.001	2.944	7.6	20.9
10 28	2 55.94	+ 4 42.9	1.967	2.941	4.7	20.7
11 7	2 47.80	+ 3 28.8	1.963	2.937	4.3	20.7
11 17	2 39.77	+ 2 26.1	1.987	2.933	6.8	20.8
11 27	2 32.74	+ 1 39.8	2.039	2.929	10.0	21.0
12 7	2 27.37	+ 1 12.0	2.115	2.925	13.0	21.2

317123 2001 US_{15} 11 6.7 50°.84 1°.6/ 7.6 18

9 28	3 18.55	+21 37.7	1.298	2.105	20.7	20.0
10 8	3 14.83	+21 35.7	1.245	2.128	16.5	19.8
10 18	3 7.76	+21 17.4	1.211	2.152	11.6	19.6
10 28	2 58.26	+20 43.5	1.198	2.176	6.3	19.4
11 7	2 47.74	+19 58.0	1.211	2.201	1.7	19.1
11 17	2 37.78	+19 7.2	1.249	2.225	5.4	19.5
11 27	2 29.77	+18 19.3	1.314	2.250	10.3	19.8
12 7	2 24.61	+17 41.1	1.401	2.276	14.6	20.1

457902 2009 TD_{46} 11 6.7 264°.65 5°.1/ 3.1 17

9 28	3 17.50	− 1 40.6	2.669	3.452	11.8	21.0
10 8	3 12.37	− 1 57.1	2.569	3.434	9.7	20.9
10 18	3 5.39	− 2 9.6	2.493	3.417	7.4	20.7
10 28	2 56.98	− 2 14.4	2.445	3.398	5.5	20.5
11 7	2 47.79	− 2 8.2	2.425	3.380	5.3	20.5
11 17	2 38.57	− 1 48.7	2.435	3.361	7.0	20.6
11 27	2 30.13	− 1 15.0	2.474	3.342	9.4	20.7
12 7	2 23.10	− 0 27.4	2.539	3.323	11.8	20.8

442781 2012 XL_{135} 11 6.7 32°.90 3°.1/ 5.0 18

9 28	3 14.04	+11 47.8	1.371	2.200	18.6	20.3
10 8	3 11.06	+11 10.5	1.311	2.211	14.7	20.0
10 18	3 5.11	+10 25.5	1.271	2.222	10.1	19.8
10 28	2 56.95	+ 9 37.9	1.253	2.235	5.3	19.6
11 7	2 47.79	+ 8 53.9	1.261	2.247	3.2	19.5
11 17	2 38.96	+ 8 19.7	1.295	2.261	7.0	19.8
11 27	2 31.74	+ 8 0.6	1.353	2.275	11.5	20.0
12 7	2 27.02	+ 7 59.0	1.434	2.289	15.5	20.3

238517 2004 TN_{113} 11 6.7 346°.71 0°.2/ 6.7 18

9 28	3 14.00	+13 30.2	1.157	1.996	20.7	20.0
10 8	3 12.18	+14 10.6	1.078	1.983	16.7	19.7
10 18	3 6.71	+14 47.4	1.018	1.971	11.7	19.4
10 28	2 58.15	+15 20.8	0.978	1.960	6.0	19.1
11 7	2 47.74	+15 51.6	0.961	1.952	0.3	18.6
11 17	2 37.20	+16 21.3	0.968	1.945	6.5	19.1
11 27	2 28.37	+16 53.0	0.999	1.939	12.3	19.4
12 7	2 22.65	+17 30.1	1.051	1.936	17.4	19.7

449429 2013 HZ_{96} 11 6.7 12°.75 0°.7/ 6.2 17

9 28	3 12.91	+16 23.7	1.864	2.666	15.5	22.0
10 8	3 9.56	+16 0.4	1.783	2.667	12.3	21.8
10 18	3 3.82	+15 27.5	1.724	2.669	8.5	21.6
10 28	2 56.27	+14 47.4	1.689	2.671	4.2	21.3
11 7	2 47.81	+14 3.9	1.682	2.673	0.8	21.1
11 17	2 39.48	+13 21.7	1.703	2.675	4.9	21.4
11 27	2 32.33	+12 46.3	1.752	2.678	9.0	21.7
12 7	2 27.14	+12 21.5	1.825	2.681	12.7	21.9

85867 1999 BY_{9} 11 6.7 246°.90 0°.4/ 6.9 17 R

9 28	3 24.51	+19 37.8	1.442	2.234	19.7	21.5
10 8	3 20.25	+19 22.7	1.336	2.211	16.1	21.2
10 18	3 12.26	+18 51.9	1.248	2.188	11.5	20.9
10 28	3 1.01	+18 4.8	1.183	2.162	6.1	20.5
11 7	2 47.67	+17 4.1	1.145	2.136	0.4	20.0
11 17	2 33.91	+15 56.0	1.134	2.108	6.4	20.4
11 27	2 21.66	+14 50.3	1.150	2.078	12.4	20.6
12 7	2 12.40	+13 56.5	1.188	2.047	17.8	20.9

231116 2005 SQ_{164} 11 6.7 343°.52 5°.4/ 4.0 18

9 28	3 14.21	+ 6 34.8	1.336	2.171	18.7	19.8
10 8	3 11.49	+ 5 54.3	1.263	2.165	14.9	19.5
10 18	3 5.66	+ 5 10.8	1.210	2.160	10.7	19.3
10 28	2 57.37	+ 4 30.4	1.179	2.155	6.6	19.0
11 7	2 47.78	+ 4 0.4	1.172	2.151	5.6	19.0
11 17	2 38.31	+ 3 46.7	1.191	2.148	8.9	19.1
11 27	2 30.39	+ 3 53.5	1.233	2.145	13.3	19.4
12 7	2 25.06	+ 4 21.4	1.297	2.143	17.4	19.6

47099 1999 AO_{37} 11 6.7 311°.62 6°.8/11.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 13.10	+34 52.2	1.704	2.450	18.8	18.1
10 8	3 10.84	+35 9.5	1.597	2.427	16.3	17.8
10 18	3 5.43	+35 4.0	1.508	2.404	13.1	17.6
10 28	2 57.39	+34 31.1	1.440	2.382	9.8	17.3
11 7	2 47.78	+33 28.9	1.395	2.360	7.1	17.1
11 17	2 38.03	+32 0.4	1.377	2.339	7.3	17.1
11 27	2 29.69	+30 14.0	1.384	2.318	10.2	17.2
12 7	2 23.94	+28 21.6	1.416	2.297	14.0	17.4

481550 2007 RH_{171} 11 6.7 32°.35 0°.4/ 6.9 18

9 28	3 16.18	+17 39.3	1.483	2.292	18.4	21.0
10 8	3 12.75	+17 45.3	1.415	2.301	14.7	20.8
10 18	3 6.33	+17 40.9	1.366	2.310	10.2	20.6
10 28	2 57.62	+17 27.0	1.340	2.320	5.2	20.3
11 7	2 47.79	+17 6.3	1.340	2.331	0.4	20.0
11 17	2 38.20	+16 43.3	1.367	2.342	5.2	20.4
11 27	2 30.19	+16 23.3	1.420	2.353	10.0	20.7
12 7	2 24.69	+16 11.2	1.496	2.365	14.1	20.9

265334 2004 PZ_{38} 11 6.7 161°.89 17°.1/15.0 17

9 28	3 35.33	+46 4.8	1.290	1.976	26.4	20.3
10 8	3 31.66	+48 46.7	1.221	1.979	24.2	20.1
10 18	3 22.08	+51 5.4	1.164	1.981	21.7	20.0
10 28	3 6.76	+52 44.9	1.124	1.983	19.3	19.8
11 7	2 47.51	+53 30.3	1.103	1.984	17.6	19.7
11 17	2 27.64	+53 14.6	1.101	1.985	17.2	19.7
11 27	2 10.96	+52 5.0	1.119	1.986	18.1	19.8
12 7	1 59.95	+50 20.0	1.155	1.987	20.1	19.9

46760 1998 FK_{67} 11 6.7 63°.82 4°.7/ 4.2 18

9 28	3 17.62	+ 9 15.5	1.301	2.130	19.5	18.0
10 8	3 13.85	+ 8 16.5	1.249	2.148	15.3	17.8
10 18	3 6.97	+ 7 11.8	1.217	2.167	10.6	17.6
10 28	2 57.84	+ 6 8.4	1.208	2.186	6.2	17.4
11 7	2 47.79	+ 5 14.2	1.224	2.205	4.9	17.4
11 17	2 38.24	+ 4 36.0	1.266	2.224	8.4	17.6
11 27	2 30.49	+ 4 18.4	1.333	2.243	12.6	17.9
12 7	2 25.38	+ 4 22.3	1.421	2.262	16.4	18.2

358883 2008 GO_{17} 11 6.7 36°.08 1°.2/ 5.9 18

9 28	3 13.41	+15 8.0	1.868	2.672	15.4	20.7
10 8	3 9.89	+14 42.1	1.791	2.676	12.2	20.5
10 18	3 4.01	+14 7.7	1.736	2.681	8.3	20.3
10 28	2 56.35	+13 27.4	1.705	2.687	4.2	20.1
11 7	2 47.84	+12 45.2	1.702	2.692	1.3	19.9
11 17	2 39.48	+12 6.1	1.727	2.698	5.1	20.2
11 27	2 32.31	+11 34.7	1.780	2.703	9.1	20.4
12 7	2 27.10	+11 14.9	1.857	2.709	12.7	20.7

411566 2011 CE_{109} 11 6.7 109°.76 4°.3/10.6 18

9 28	3 15.00	+31 28.2	2.553	3.278	13.7	21.0
10 8	3 10.80	+31 49.0	2.463	3.283	11.5	20.8
10 18	3 4.48	+31 56.0	2.392	3.287	9.0	20.7
10 28	2 56.57	+31 47.4	2.347	3.291	6.4	20.5
11 7	2 47.83	+31 23.3	2.329	3.295	4.5	20.4
11 17	2 39.17	+30 45.6	2.339	3.299	4.9	20.5
11 27	2 31.50	+29 58.7	2.379	3.303	7.0	20.6
12 7	2 25.54	+29 8.0	2.445	3.307	9.6	20.8

216155 2006 SY_{318} 11 6.7 329°.50 1°.2/ 6.0 18

9 28	3 14.67	+14 10.6	1.810	2.615	15.8	20.6
10 8	3 11.10	+14 0.3	1.725	2.610	12.5	20.4
10 18	3 5.00	+13 42.8	1.660	2.606	8.7	20.2
10 28	2 56.94	+13 20.3	1.620	2.601	4.4	19.9
11 7	2 47.82	+12 56.0	1.607	2.597	1.3	19.7
11 17	2 38.76	+12 34.0	1.623	2.593	5.2	20.0
11 27	2 30.88	+12 18.7	1.665	2.590	9.5	20.2
12 7	2 25.06	+12 13.5	1.732	2.587	13.3	20.4

474692 2005 EW_{240} 11 6.7 305°.58 5°.7/ 3.2 18

9 28	3 13.16	+ 5 39.2	1.588	2.414	16.7	20.8
10 8	3 10.43	+ 4 45.5	1.492	2.388	13.5	20.5
10 18	3 4.90	+ 3 47.3	1.415	2.361	9.8	20.3
10 28	2 57.06	+ 2 50.8	1.362	2.335	6.5	20.0
11 7	2 47.82	+ 2 3.4	1.335	2.308	6.0	19.9
11 17	2 38.40	+ 1 32.2	1.334	2.282	9.1	20.0
11 27	2 30.14	+ 1 22.6	1.357	2.257	13.3	20.2
12 7	2 24.11	+ 1 36.4	1.402	2.232	17.3	20.4

48139 2001 FY_{144} 11 6.7 251°.47 8°.9/29.9 18

9 28	3 13.06	− 5 4.4	1.997	2.804	14.4	19.0
10 8	3 9.47	− 6 45.0	1.922	2.794	12.1	18.8
10 18	3 3.66	− 8 22.1	1.870	2.783	10.0	18.6
10 28	2 56.19	− 9 47.1	1.843	2.772	8.9	18.5
11 7	2 47.85	−10 52.1	1.842	2.762	9.4	18.6
11 17	2 39.58	−11 31.5	1.867	2.750	11.3	18.6
11 27	2 32.34	−11 42.6	1.916	2.739	13.6	18.8
12 7	2 26.87	−11 26.2	1.985	2.727	16.0	18.9

75768 2000 AE_{186} 11 6.7 286.°91 5.°4/ 2.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 12.01	+ 7 7.5	1.765	2.586	15.5	18.5
10 8	3 8.97	+ 5 41.5	1.682	2.576	12.3	18.3
10 18	3 3.50	+ 4 8.7	1.622	2.567	8.9	18.1
10 28	2 56.16	+ 2 36.2	1.586	2.557	6.0	17.9
11 7	2 47.85	+ 1 12.2	1.578	2.548	5.8	17.9
11 17	2 39.62	+ 0 4.4	1.597	2.538	8.6	18.0
11 27	2 32.52	− 0 41.4	1.641	2.529	12.1	18.2
12 7	2 27.40	− 1 2.9	1.708	2.519	15.5	18.4

450316 2004 RN_{253} 11 6.7 65.°73 7.°5/31.9 18

9 28	3 13.03	− 2 24.4	1.989	2.799	14.4	20.5
10 8	3 9.12	− 3 47.4	1.940	2.819	11.7	20.4
10 18	3 3.18	− 5 5.7	1.915	2.838	9.2	20.3
10 28	2 55.82	− 6 12.1	1.914	2.858	7.6	20.2
11 7	2 47.88	− 7 0.6	1.940	2.878	7.8	20.3
11 17	2 40.24	− 7 27.0	1.993	2.897	9.6	20.4
11 27	2 33.74	− 7 30.1	2.071	2.917	11.9	20.6
12 7	2 28.98	− 7 11.1	2.170	2.937	14.1	20.8

246239 2007 RF_{278} 11 6.7 16.°77 9.°0/ 2.4 18

9 28	3 12.43	− 0 58.9	1.255	2.098	19.2	19.7
10 8	3 9.95	− 2 3.1	1.205	2.105	15.7	19.5
10 18	3 4.42	− 3 1.7	1.173	2.113	12.1	19.3
10 28	2 56.64	− 3 45.4	1.163	2.122	9.4	19.2
11 7	2 47.85	− 4 5.9	1.176	2.133	9.3	19.2
11 17	2 39.43	− 3 58.8	1.212	2.144	11.7	19.4
11 27	2 32.66	− 3 23.2	1.270	2.157	15.0	19.6
12 7	2 28.43	− 2 22.5	1.349	2.171	18.2	19.9

74587 1999 ON_{1} 11 6.7 121.°46 2.°6/ 5.1 18

9 28	3 19.44	+12 32.0	1.619	2.425	17.3	20.2
10 8	3 14.86	+11 50.8	1.551	2.438	13.6	20.0
10 18	3 7.52	+11 1.8	1.504	2.450	9.4	19.8
10 28	2 58.14	+10 9.0	1.482	2.462	4.9	19.5
11 7	2 47.82	+ 9 18.2	1.487	2.474	2.8	19.4
11 17	2 37.81	+ 8 35.1	1.521	2.485	6.4	19.7
11 27	2 29.33	+ 8 5.2	1.581	2.496	10.7	20.0
12 7	2 23.18	+ 7 51.4	1.665	2.506	14.4	20.2

92917 2000 RF_{15} 11 6.7 28.°54 1.°1/ 7.5 18

9 28	3 14.07	+22 20.2	1.514	2.315	18.5	19.8
10 8	3 11.14	+21 54.1	1.438	2.318	14.9	19.5
10 18	3 5.26	+21 10.7	1.382	2.322	10.6	19.3
10 28	2 57.11	+20 11.2	1.348	2.326	5.7	19.0
11 7	2 47.84	+19 0.1	1.341	2.331	1.2	18.7
11 17	2 38.80	+17 44.6	1.360	2.336	5.1	19.0
11 27	2 31.31	+16 33.2	1.406	2.341	9.9	19.3
12 7	2 26.27	+15 33.6	1.476	2.347	14.2	19.6

407026 2009 SK_{43} 11 6.7 330.°81 0.°5/ 7.1 18

9 28	3 10.48	+20 40.1	1.963	2.756	15.1	20.8
10 8	3 7.69	+20 11.1	1.869	2.746	12.1	20.6
10 18	3 2.59	+19 28.8	1.797	2.737	8.5	20.3
10 28	2 55.71	+18 34.6	1.750	2.728	4.5	20.1
11 7	2 47.88	+17 32.3	1.729	2.720	0.5	19.8
11 17	2 40.11	+16 27.0	1.738	2.712	4.4	20.1
11 27	2 33.40	+15 25.3	1.774	2.705	8.5	20.3
12 7	2 28.55	+14 32.9	1.835	2.698	12.3	20.5

71200 1999 XT_{236} 11 6.7 349.°88 1.°6/ 7.7 18

9 28	3 13.31	+21 45.8	1.536	2.338	18.2	18.4
10 8	3 10.65	+21 43.3	1.454	2.334	14.7	18.2
10 18	3 5.03	+21 25.8	1.391	2.331	10.5	17.9
10 28	2 57.07	+20 53.7	1.350	2.328	5.8	17.6
11 7	2 47.85	+20 9.5	1.336	2.325	1.7	17.4
11 17	2 38.73	+19 18.6	1.348	2.324	5.1	17.6
11 27	2 31.05	+18 28.3	1.385	2.322	9.9	17.9
12 7	2 25.81	+17 45.6	1.447	2.322	14.2	18.1

356831 2011 US_{407} 11 6.7 58.°97 1.°5/ 5.9 18

9 28	3 16.46	+13 28.7	1.742	2.547	16.3	21.2
10 8	3 12.42	+13 16.6	1.671	2.557	12.8	21.0
10 18	3 5.81	+12 57.8	1.622	2.567	8.8	20.8
10 28	2 57.29	+12 34.9	1.597	2.578	4.4	20.6
11 7	2 47.86	+12 11.5	1.599	2.589	1.6	20.4
11 17	2 38.66	+11 51.5	1.630	2.599	5.4	20.7
11 27	2 30.79	+11 39.1	1.687	2.610	9.5	20.9
12 7	2 25.06	+11 37.4	1.769	2.621	13.2	21.2

345403 2006 BL_{247} 11 6.7 81.°42 1.°4/ 7.6 18

9 28	3 19.08	+21 21.0	1.720	2.504	17.3	20.4
10 8	3 14.52	+21 17.8	1.654	2.524	13.8	20.2
10 18	3 7.25	+21 1.6	1.609	2.544	9.8	20.0
10 28	2 57.99	+20 33.0	1.588	2.564	5.3	19.8
11 7	2 47.84	+19 54.7	1.594	2.584	1.4	19.6
11 17	2 38.05	+19 11.5	1.629	2.603	4.6	19.8
11 27	2 29.77	+18 29.4	1.691	2.623	8.8	20.1
12 7	2 23.81	+17 54.1	1.778	2.642	12.6	20.4

266004 2006 DJ_{195} 11 6.7 144.°51 2.°2/ 4.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 12.48	+ 9 59.3	2.851	3.640	11.0	20.9
10 8	3 8.20	+ 9 28.3	2.771	3.648	8.6	20.7
10 18	3 2.36	+ 8 54.0	2.714	3.656	5.9	20.6
10 28	2 55.40	+ 8 19.2	2.686	3.663	3.3	20.4
11 7	2 47.92	+ 7 46.8	2.687	3.670	2.3	20.3
11 17	2 40.54	+ 7 19.8	2.719	3.677	4.4	20.5
11 27	2 33.93	+ 7 0.8	2.780	3.683	7.1	20.7
12 7	2 28.60	+ 6 51.6	2.868	3.689	9.6	20.9

175928 2000 DE_{79} 11 6.7 85.°66 16.°3/13.9 17

9 28	3 34.62	+42 39.4	1.197	1.911	26.9	19.7
10 8	3 30.89	+45 28.8	1.135	1.918	24.3	19.5
10 18	3 21.35	+47 55.4	1.086	1.926	21.4	19.3
10 28	3 6.30	+49 42.8	1.054	1.933	18.6	19.2
11 7	2 47.62	+50 36.6	1.041	1.941	16.7	19.1
11 17	2 28.54	+50 30.8	1.048	1.949	16.4	19.1
11 27	2 12.66	+49 33.7	1.076	1.956	17.6	19.2
12 7	2 2.31	+48 4.1	1.122	1.964	19.9	19.4

405863 2006 DJ_{84} 11 6.7 306.°88 2.°9/ 8.8 17

9 28	3 13.60	+25 20.7	2.119	2.886	15.0	21.4
10 8	3 10.19	+25 33.2	2.018	2.873	12.3	21.2
10 18	3 4.39	+25 33.2	1.936	2.859	9.1	20.9
10 28	2 56.68	+25 19.3	1.879	2.846	5.7	20.7
11 7	2 47.89	+24 52.2	1.850	2.833	3.0	20.5
11 17	2 39.05	+24 14.7	1.848	2.821	4.5	20.6
11 27	2 31.22	+23 31.6	1.875	2.808	8.0	20.8
12 7	2 25.28	+22 48.9	1.927	2.796	11.5	21.0

472603 2015 DZ_{151} 11 6.7 41.°87 2.°9/ 5.4 18

9 28	3 17.09	+11 55.4	1.192	2.026	20.6	20.4
10 8	3 13.86	+11 30.5	1.139	2.041	16.2	20.2
10 18	3 7.24	+10 58.0	1.104	2.056	11.1	20.0
10 28	2 58.11	+10 22.6	1.090	2.072	5.8	19.7
11 7	2 47.86	+ 9 50.5	1.101	2.089	3.0	19.6
11 17	2 38.08	+ 9 27.5	1.138	2.107	7.3	19.9
11 27	2 30.23	+ 9 18.8	1.198	2.125	12.2	20.3
12 7	2 25.24	+ 9 26.8	1.280	2.143	16.5	20.6

60721 2000 GA_{73} 11 6.7 112.°11 1.°5/ 5.5 18

9 28	3 14.58	+15 18.0	2.172	2.963	13.9	18.6
10 8	3 10.34	+14 29.7	2.098	2.977	10.9	18.5
10 18	3 4.06	+13 32.8	2.048	2.991	7.5	18.3
10 28	2 56.31	+12 30.6	2.024	3.005	3.7	18.1
11 7	2 47.92	+11 27.7	2.029	3.018	1.6	17.9
11 17	2 39.75	+10 29.2	2.064	3.031	4.8	18.2
11 27	2 32.67	+ 9 39.9	2.128	3.044	8.3	18.4
12 7	2 27.31	+ 9 3.3	2.218	3.056	11.4	18.7

351450 2005 JN_{141} 11 6.7 116.°40 1.°8/ 5.5 18

9 28	3 16.11	+12 20.5	1.989	2.787	14.8	21.3
10 8	3 11.86	+12 1.8	1.910	2.792	11.7	21.1
10 18	3 5.30	+11 37.7	1.853	2.798	8.0	20.9
10 28	2 57.02	+11 10.5	1.822	2.803	4.1	20.7
11 7	2 47.90	+10 44.0	1.820	2.808	2.0	20.6
11 17	2 38.92	+10 22.0	1.846	2.812	5.2	20.8
11 27	2 31.09	+10 8.2	1.900	2.817	9.0	21.0
12 7	2 25.14	+10 5.1	1.979	2.822	12.4	21.3

257892 2000 SK_{339} 11 6.7 37.°76 8.°2/ 3.4 18

9 28	3 16.77	+ 2 47.7	1.008	1.860	22.2	19.5
10 8	3 13.88	+ 1 45.8	0.968	1.877	17.7	19.3
10 18	3 7.33	+ 0 46.7	0.945	1.894	13.0	19.1
10 28	2 58.13	+ 0 0.3	0.942	1.913	9.1	19.0
11 7	2 47.87	− 0 24.4	0.962	1.932	8.5	19.0
11 17	2 38.26	− 0 22.1	1.004	1.953	11.5	19.3
11 27	2 30.81	+ 0 8.1	1.068	1.974	15.5	19.6
12 7	2 26.42	+ 1 2.7	1.151	1.995	19.3	19.9

431706 2008 ET_{82} 11 6.8 228.°37 0.°0/ 6.7 18

9 28	3 17.31	+19 33.5	1.734	2.526	16.9	21.9
10 8	3 13.45	+19 1.5	1.641	2.518	13.6	21.7
10 18	3 6.80	+18 15.2	1.569	2.509	9.5	21.4
10 28	2 57.94	+17 16.1	1.520	2.500	4.9	21.1
11 7	2 47.89	+16 8.4	1.499	2.490	0.1	20.7
11 17	2 37.87	+14 58.4	1.507	2.480	5.2	21.1
11 27	2 29.17	+13 53.8	1.543	2.470	9.9	21.3
12 7	2 22.74	+13 1.2	1.602	2.459	14.1	21.6

267722 2003 DD_{14} 11 6.8 97.°73 9.°1/ 8.7 18

9 28	3 37.69	+26 2.7	1.146	1.919	24.8	19.6
10 8	3 32.16	+28 34.0	1.076	1.927	20.9	19.3
10 18	3 21.45	+30 57.8	1.022	1.935	16.4	19.1
10 28	3 6.05	+33 1.2	0.991	1.942	11.9	18.8
11 7	2 47.67	+34 31.6	0.983	1.949	9.2	18.7
11 17	2 28.99	+35 22.4	1.002	1.956	10.5	18.8
11 27	2 12.95	+35 38.3	1.045	1.963	14.4	19.1
12 7	2 1.56	+35 32.4	1.109	1.970	18.6	19.4

410 Chloris 11 6.8 105°.89 4°.3/ 3.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 17.89	+ 4 24.9	2.176	2.971	13.8	13.1
10 8	3 12.77	+ 3 47.4	2.115	2.993	10.9	13.0
10 18	3 5.63	+ 3 10.0	2.077	3.013	7.8	12.8
10 28	2 57.07	+ 2 37.1	2.065	3.034	5.1	12.7
11 7	2 47.93	+ 2 12.8	2.082	3.053	4.5	12.7
11 17	2 39.06	+ 2 0.4	2.129	3.073	6.6	12.9
11 27	2 31.33	+ 2 1.8	2.204	3.091	9.5	13.1
12 7	2 25.34	+ 2 17.5	2.303	3.109	12.1	13.3

66145 1998 *TM* 11 6.8 41°.26 0°.9/ 7.5 18

9 28	3 11.90	+22 5.8	2.028	2.812	15.0	18.9
10 8	3 8.58	+21 34.5	1.951	2.821	12.0	18.7
10 18	3 3.04	+20 49.7	1.894	2.830	8.4	18.5
10 28	2 55.87	+19 53.1	1.863	2.840	4.5	18.3
11 7	2 47.96	+18 48.4	1.859	2.850	0.9	18.1
11 17	2 40.24	+17 40.8	1.885	2.860	4.1	18.3
11 27	2 33.66	+16 36.6	1.939	2.870	7.9	18.6
12 7	2 28.92	+15 41.2	2.019	2.881	11.3	18.8

148176 2000 *AL*$_{46}$ 11 6.8 329°.04 1°.8/ 5.9 18

9 28	3 12.63	+14 22.4	1.230	2.066	20.0	20.0
10 8	3 10.83	+14 4.7	1.148	2.051	16.0	19.7
10 18	3 5.62	+13 35.9	1.084	2.038	11.2	19.4
10 28	2 57.58	+12 59.1	1.042	2.025	5.7	19.1
11 7	2 47.91	+12 19.7	1.024	2.014	1.9	18.8
11 17	2 38.18	+11 44.4	1.030	2.003	7.0	19.1
11 27	2 30.06	+11 20.7	1.059	1.993	12.7	19.4
12 7	2 24.79	+11 13.5	1.110	1.984	17.6	19.6

326889 2003 *WN*$_{14}$ 11 6.8 348°.18 0°.4/ 7.1 18

9 28	3 11.02	+20 29.9	2.172	2.958	14.1	20.8
10 8	3 7.81	+19 59.0	2.082	2.955	11.2	20.6
10 18	3 2.51	+19 16.1	2.015	2.953	7.9	20.4
10 28	2 55.63	+18 22.9	1.973	2.952	4.1	20.2
11 7	2 47.97	+17 22.8	1.959	2.950	0.4	19.9
11 17	2 40.40	+16 20.7	1.975	2.949	4.0	20.2
11 27	2 33.83	+15 22.2	2.019	2.948	7.8	20.4
12 7	2 28.96	+14 32.2	2.088	2.947	11.2	20.6

50564 2000 *EE*$_{37}$ 11 6.8 70°.31 1°.2/ 7.5 18

9 28	3 16.16	+20 43.6	1.860	2.646	16.1	18.4
10 8	3 12.20	+20 42.8	1.782	2.653	12.9	18.2
10 18	3 5.70	+20 30.4	1.725	2.661	9.1	18.0
10 28	2 57.29	+20 6.9	1.692	2.669	4.9	17.8
11 7	2 47.93	+19 34.5	1.687	2.677	1.2	17.5
11 17	2 38.74	+18 57.4	1.710	2.685	4.4	17.8
11 27	2 30.83	+18 20.9	1.761	2.693	8.5	18.1
12 7	2 25.03	+17 50.1	1.837	2.701	12.2	18.3

72879 2001 *KR*$_{5}$ 11 6.8 354°.62 0°.1/ 6.9 18

9 28	3 10.67	+21 17.5	2.120	2.905	14.4	18.8
10 8	3 7.57	+20 25.0	2.031	2.904	11.5	18.6
10 18	3 2.34	+19 18.3	1.964	2.903	8.0	18.3
10 28	2 55.54	+17 59.7	1.923	2.902	4.1	18.1
11 7	2 47.98	+16 33.8	1.910	2.901	0.1	17.8
11 17	2 40.56	+15 6.9	1.927	2.901	4.2	18.1
11 27	2 34.17	+13 45.6	1.973	2.901	8.1	18.4
12 7	2 29.51	+12 35.9	2.045	2.901	11.5	18.6

483143 2015 *OT*$_{44}$ 11 6.8 4°.19 0°.4/ 6.9 18

9 28	3 14.94	+17 49.8	1.527	2.336	18.0	21.0
10 8	3 11.86	+17 53.2	1.450	2.336	14.4	20.8
10 18	3 5.83	+17 46.1	1.391	2.336	10.1	20.5
10 28	2 57.49	+17 29.2	1.357	2.337	5.2	20.2
11 7	2 47.94	+17 5.5	1.347	2.338	0.4	19.9
11 17	2 38.50	+16 39.1	1.365	2.340	5.2	20.3
11 27	2 30.51	+16 15.8	1.409	2.343	10.0	20.5
12 7	2 24.96	+16 0.6	1.476	2.346	14.3	20.8

84202 2002 *RF*$_{127}$ 11 6.8 302°.16 6°.4/31.9 18

9 28	3 11.01	+ 6 41.7	1.748	2.571	15.5	18.9
10 8	3 8.21	+ 4 37.7	1.667	2.562	12.3	18.7
10 18	3 3.00	+ 2 24.8	1.609	2.552	9.0	18.5
10 28	2 55.96	+ 0 12.2	1.577	2.543	6.6	18.3
11 7	2 47.99	− 1 49.7	1.573	2.534	7.0	18.3
11 17	2 40.10	− 3 31.2	1.597	2.525	9.7	18.5
11 27	2 33.36	− 4 45.2	1.646	2.517	13.1	18.7
12 7	2 28.56	− 5 29.4	1.717	2.508	16.3	18.8

43452 2000 *YE*$_{99}$ 11 6.8 157°.89 1°.4/ 7.8 18

9 28	3 16.56	+22 24.2	1.976	2.752	15.6	19.9
10 8	3 12.43	+22 12.8	1.891	2.755	12.6	19.7
10 18	3 5.83	+21 48.3	1.826	2.758	9.0	19.5
10 28	2 57.36	+21 11.1	1.786	2.761	5.0	19.3
11 7	2 47.95	+20 23.7	1.774	2.763	1.5	19.0
11 17	2 38.68	+19 30.5	1.791	2.765	4.3	19.3
11 27	2 30.62	+18 37.6	1.836	2.767	8.3	19.5
12 7	2 24.58	+17 50.7	1.907	2.769	11.9	19.7

496257 2012 *OO*$_{1}$ 11 6.8 46°.61 25°.4/ 3.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 30.77	−32 30.9	0.957	1.722	29.2	20.9
10 8	3 25.41	−34 11.3	0.940	1.732	27.7	20.8
10 18	3 15.37	−35 6.2	0.933	1.742	26.4	20.8
10 28	3 2.11	−34 59.4	0.938	1.754	25.6	20.8
11 7	2 47.85	−33 42.9	0.957	1.765	25.5	20.8
11 17	2 34.89	−31 19.1	0.989	1.778	26.0	20.9
11 27	2 25.04	−27 59.7	1.036	1.790	27.0	21.1
12 7	2 19.15	−24 2.4	1.097	1.803	28.3	21.2

386696 2009 *WY*$_{38}$ 11 6.8 354°.44 1°.8/ 7.8 18

9 28	3 13.46	+22 49.6	1.365	2.174	19.8	20.9
10 8	3 11.15	+22 37.6	1.288	2.171	16.0	20.6
10 18	3 5.59	+22 7.1	1.228	2.169	11.5	20.3
10 28	2 57.45	+21 18.6	1.190	2.168	6.4	20.0
11 7	2 47.95	+20 15.6	1.177	2.167	1.8	19.8
11 17	2 38.60	+19 5.2	1.190	2.166	5.5	20.0
11 27	2 30.89	+17 56.6	1.228	2.167	10.7	20.3
12 7	2 25.89	+16 58.7	1.288	2.167	15.3	20.6

270825 2002 *SG*$_{22}$ 11 6.8 10°.01 10°.3/12.3 17

9 28	3 26.66	+39 47.1	2.024	2.704	18.1	20.1
10 8	3 21.71	+41 53.3	1.939	2.706	16.1	20.0
10 18	3 13.19	+43 44.6	1.874	2.709	13.9	19.8
10 28	3 1.53	+45 12.5	1.831	2.713	11.8	19.7
11 7	2 47.85	+46 10.5	1.813	2.717	10.5	19.6
11 17	2 33.74	+46 35.5	1.820	2.722	10.4	19.6
11 27	2 21.06	+46 30.4	1.853	2.728	11.6	19.7
12 7	2 11.25	+46 3.3	1.909	2.734	13.5	19.9

249023 2007 *RS*$_{207}$ 11 6.8 157°.84 0°.1/ 6.8 17

9 28	3 22.27	+18 0.8	1.661	2.449	17.6	22.2
10 8	3 17.33	+17 52.8	1.582	2.456	14.1	21.9
10 18	3 9.43	+17 33.8	1.523	2.463	9.8	21.7
10 28	2 59.25	+17 4.8	1.489	2.468	5.0	21.4
11 7	2 47.92	+16 28.9	1.482	2.473	0.1	21.1
11 17	2 36.78	+15 50.7	1.504	2.477	5.2	21.5
11 27	2 27.16	+15 16.4	1.553	2.480	9.9	21.8
12 7	2 20.03	+14 51.2	1.627	2.483	13.9	22.0

443580 2014 *KE*$_{67}$ 11 6.8 303°.59 3°.6/ 4.5 18

9 28	3 15.11	+ 8 16.6	1.860	2.669	15.2	21.4
10 8	3 11.29	+ 7 44.9	1.779	2.667	12.1	21.2
10 18	3 5.06	+ 7 9.8	1.720	2.664	8.5	21.0
10 28	2 56.99	+ 6 35.4	1.685	2.662	4.9	20.8
11 7	2 47.98	+ 6 6.3	1.678	2.660	3.8	20.7
11 17	2 39.07	+ 5 47.0	1.700	2.657	6.6	20.9
11 27	2 31.31	+ 5 41.1	1.748	2.655	10.3	21.1
12 7	2 25.51	+ 5 50.2	1.820	2.653	13.7	21.3

215552 2003 *AJ*$_{18}$ 11 6.8 349°.82 3°.7/ 5.6 18

9 28	3 12.06	+ 6 44.0	1.151	2.001	20.2	18.6
10 8	3 10.53	+ 7 6.1	1.074	1.985	16.2	18.3
10 18	3 5.52	+ 7 30.9	1.015	1.970	11.5	18.0
10 28	2 57.60	+ 8 2.1	0.977	1.958	6.4	17.7
11 7	2 47.96	+ 8 42.8	0.962	1.948	3.8	17.5
11 17	2 38.23	+ 9 34.9	0.970	1.941	7.9	17.7
11 27	2 30.14	+10 39.2	1.002	1.936	13.2	18.0
12 7	2 24.97	+11 54.9	1.054	1.933	18.0	18.3

312733 2010 *SC*$_{21}$ 11 6.8 11°.72 0°.1/ 6.7 18

9 28	3 13.25	+17 57.3	1.856	2.655	15.7	21.2
10 8	3 9.92	+17 39.0	1.775	2.656	12.5	21.0
10 18	3 4.15	+17 10.1	1.714	2.657	8.7	20.8
10 28	2 56.54	+16 32.4	1.678	2.659	4.4	20.5
11 7	2 48.00	+15 49.4	1.670	2.661	0.2	20.2
11 17	2 39.58	+15 5.9	1.689	2.663	4.6	20.6
11 27	2 32.35	+14 27.2	1.736	2.665	8.9	20.8
12 7	2 27.10	+13 58.0	1.808	2.668	12.6	21.1

201164 2002 *MN*$_{5}$ 11 6.8 73°.27 8°.7/ 1.6 18

9 28	3 16.90	− 4 54.3	1.757	2.565	16.1	19.8
10 8	3 12.47	− 6 2.1	1.708	2.582	13.3	19.7
10 18	3 5.65	− 7 2.1	1.680	2.599	10.6	19.6
10 28	2 57.17	− 7 46.9	1.677	2.616	8.9	19.5
11 7	2 47.99	− 8 10.2	1.699	2.633	9.0	19.6
11 17	2 39.18	− 8 8.8	1.746	2.650	10.7	19.7
11 27	2 31.72	− 7 42.3	1.819	2.667	13.1	19.9
12 7	2 26.31	− 6 53.5	1.912	2.684	15.5	20.1

368824 2006 *BS*$_{147}$ 11 6.8 206°.33 5°.3/12.1 18

9 28	3 16.92	+36 44.2	2.970	3.653	12.8	21.6
10 8	3 12.23	+37 9.6	2.865	3.648	11.0	21.5
10 18	3 5.48	+37 20.8	2.781	3.643	9.0	21.3
10 28	2 57.16	+37 15.4	2.720	3.637	7.0	21.2
11 7	2 47.99	+36 52.5	2.687	3.631	5.5	21.1
11 17	2 38.82	+36 13.3	2.682	3.625	5.5	21.1
11 27	2 30.54	+35 21.4	2.707	3.618	7.0	21.2
12 7	2 23.87	+34 22.1	2.759	3.611	9.0	21.3

359362 2009 UL_{102} 11 6.8 359°.24 2°.3/ 4.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 10.82	+12 55.8	2.071	2.877	14.0	20.6
10 8	3 7.66	+12 3.7	1.989	2.876	11.0	20.4
10 18	3 2.40	+11 3.7	1.929	2.876	7.6	20.2
10 28	2 55.60	+ 9 59.8	1.896	2.876	4.0	19.9
11 7	2 48.04	+ 8 57.0	1.890	2.876	2.5	19.9
11 17	2 40.59	+ 8 0.7	1.913	2.876	5.5	20.0
11 27	2 34.15	+ 7 16.0	1.964	2.877	9.1	20.3
12 7	2 29.39	+ 6 46.0	2.040	2.877	12.3	20.5

465255 2007 SD_{6} 11 6.8 50°.59 1°.4/ 5.9 17

9 28	3 17.77	+17 43.0	1.047	1.881	22.8	20.7
10 8	3 14.69	+16 53.1	1.003	1.905	17.9	20.4
10 18	3 7.90	+15 46.7	0.976	1.929	12.2	20.2
10 28	2 58.45	+14 29.2	0.970	1.953	6.0	20.0
11 7	2 47.98	+13 9.5	0.988	1.979	1.6	19.8
11 17	2 38.24	+11 57.6	1.031	2.004	7.0	20.2
11 27	2 30.74	+11 2.7	1.098	2.030	12.4	20.6
12 7	2 26.36	+10 29.4	1.185	2.056	17.0	20.9

227380 2005 UJ_{255} 11 6.8 220°.63 1°.1/ 6.0 18

9 28	3 17.45	+15 32.2	1.882	2.676	15.7	21.8
10 8	3 13.28	+15 5.4	1.790	2.669	12.5	21.5
10 18	3 6.54	+14 29.2	1.719	2.662	8.6	21.3
10 28	2 57.81	+13 45.7	1.674	2.654	4.3	21.0
11 7	2 47.99	+12 58.9	1.656	2.646	1.2	20.8
11 17	2 38.21	+12 13.8	1.668	2.638	5.2	21.0
11 27	2 29.61	+11 36.1	1.707	2.628	9.6	21.3
12 7	2 23.07	+11 10.0	1.771	2.619	13.4	21.5

454051 2012 GY_{38} 11 6.8 189°.82 5°.2/ 1.5 17

9 28	3 11.11	− 0 11.5	2.797	3.593	11.0	21.9
10 8	3 7.21	− 1 14.3	2.719	3.592	8.9	21.8
10 18	3 1.76	− 2 15.8	2.665	3.591	6.8	21.6
10 28	2 55.19	− 3 11.3	2.639	3.590	5.4	21.5
11 7	2 48.06	− 3 56.4	2.642	3.588	5.5	21.5
11 17	2 41.02	− 4 27.8	2.673	3.586	7.0	21.6
11 27	2 34.71	− 4 43.1	2.731	3.583	9.1	21.8
12 7	2 29.64	− 4 41.9	2.814	3.581	11.2	21.9

236402 2006 DY_{61} 11 6.8 133°.60 5°.0/ 3.4 18

9 28	3 18.24	+ 2 58.4	2.116	2.913	14.1	20.4
10 8	3 13.21	+ 2 15.0	2.048	2.925	11.2	20.3
10 18	3 6.06	+ 1 32.3	2.003	2.938	8.2	20.1
10 28	2 57.38	+ 0 55.4	1.985	2.950	5.6	20.0
11 7	2 48.02	+ 0 28.6	1.995	2.961	5.2	20.0
11 17	2 38.89	+ 0 15.7	2.034	2.971	7.3	20.1
11 27	2 30.88	+ 0 18.8	2.100	2.982	10.2	20.3
12 7	2 24.67	+ 0 37.9	2.191	2.991	12.9	20.5

47644 2000 CO_{36} 11 6.8 180°.86 0°.8/ 5.9 18

9 28	3 12.08	+15 16.8	2.933	3.712	11.0	19.1
10 8	3 7.97	+14 48.7	2.841	3.713	8.6	18.9
10 18	3 2.29	+14 14.4	2.773	3.713	5.9	18.7
10 28	2 55.47	+13 35.9	2.733	3.713	3.0	18.5
11 7	2 48.08	+12 55.7	2.723	3.713	0.9	18.4
11 17	2 40.75	+12 17.1	2.743	3.712	3.6	18.6
11 27	2 34.15	+11 43.2	2.794	3.711	6.5	18.8
12 7	2 28.81	+11 16.8	2.872	3.709	9.1	18.9

433364 2013 SW_{26} 11 6.8 3°.47 0°.7/ 7.0 18

9 28	3 18.11	+16 34.3	1.195	2.020	21.1	20.8
10 8	3 15.27	+17 3.6	1.124	2.019	17.0	20.6
10 18	3 8.73	+17 23.9	1.071	2.019	11.9	20.3
10 28	2 59.19	+17 35.1	1.038	2.020	6.2	20.0
11 7	2 48.00	+17 38.6	1.030	2.021	0.7	19.6
11 17	2 36.90	+17 37.4	1.047	2.023	6.1	20.0
11 27	2 27.68	+17 37.1	1.088	2.026	11.8	20.3
12 7	2 21.58	+17 43.0	1.150	2.030	16.7	20.6

425170 2009 TB_{33} 11 6.8 81°.06 4°.0/ 8.9 18

9 28	3 21.95	+25 41.6	1.518	2.294	19.6	20.6
10 8	3 17.51	+26 13.4	1.450	2.309	16.0	20.4
10 18	3 9.78	+26 29.1	1.400	2.324	11.9	20.2
10 28	2 59.51	+26 26.2	1.373	2.339	7.4	20.0
11 7	2 48.00	+26 4.9	1.372	2.354	4.1	19.8
11 17	2 36.79	+25 29.0	1.397	2.369	5.7	20.0
11 27	2 27.38	+24 45.6	1.450	2.384	9.8	20.2
12 7	2 20.76	+24 2.8	1.526	2.398	13.7	20.5

188378 2004 CD_{59} 11 6.8 182°.56 0°.7/ 6.3 17

9 28	3 20.50	+15 34.1	2.043	2.825	15.0	21.5
10 8	3 15.40	+15 22.3	1.955	2.826	11.9	21.3
10 18	3 7.86	+15 2.9	1.888	2.827	8.3	21.1
10 28	2 58.43	+14 37.2	1.847	2.827	4.2	20.9
11 7	2 48.03	+14 8.2	1.835	2.825	0.8	20.6
11 17	2 37.72	+13 39.4	1.853	2.824	4.7	20.9
11 27	2 28.57	+13 15.5	1.900	2.821	8.8	21.1
12 7	2 21.40	+13 0.0	1.973	2.817	12.3	21.4

484136 2006 SR_{396} 11 6.8 8°.38 0°.8/ 7.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 13.39	+20 45.0	1.736	2.532	16.7	21.4
10 8	3 10.28	+20 28.7	1.655	2.532	13.4	21.2
10 18	3 4.56	+19 58.8	1.594	2.533	9.4	21.0
10 28	2 56.83	+19 16.6	1.556	2.535	5.0	20.7
11 7	2 48.07	+18 25.5	1.546	2.536	0.9	20.4
11 17	2 39.45	+17 30.7	1.563	2.538	4.7	20.7
11 27	2 32.12	+16 38.8	1.607	2.541	9.1	21.0
12 7	2 26.94	+15 55.7	1.676	2.543	13.0	21.2

164688 1997 SO_{1} 11 6.8 20°.79 2°.5/ 5.4 18

9 28	3 13.51	+15 21.1	1.139	1.977	21.0	19.7
10 8	3 11.45	+14 28.4	1.076	1.981	16.7	19.4
10 18	3 5.90	+13 20.8	1.030	1.985	11.5	19.2
10 28	2 57.64	+12 3.6	1.007	1.990	5.8	18.9
11 7	2 48.06	+10 45.6	1.007	1.995	2.7	18.7
11 17	2 38.79	+ 9 36.7	1.031	2.002	7.6	19.0
11 27	2 31.40	+ 8 45.9	1.079	2.008	13.0	19.3
12 7	2 26.93	+ 8 18.1	1.148	2.016	17.6	19.6

396473 2014 FH_{36} 11 6.8 213°.86 1°.3/ 5.9 18

9 28	3 16.23	+14 18.6	1.956	2.753	15.1	21.5
10 8	3 12.15	+13 58.7	1.869	2.750	11.9	21.3
10 18	3 5.68	+13 31.4	1.803	2.747	8.2	21.0
10 28	2 57.36	+12 58.7	1.763	2.744	4.2	20.8
11 7	2 48.07	+12 24.4	1.751	2.740	1.4	20.6
11 17	2 38.85	+11 52.7	1.768	2.737	5.1	20.8
11 27	2 30.75	+11 28.2	1.812	2.733	9.1	21.1
12 7	2 24.60	+11 14.3	1.882	2.729	12.7	21.3

46229 2001 HQ_{3} 11 6.8 205°.01 1°.9/ 5.1 18

9 28	3 14.13	+15 2.8	2.107	2.901	14.2	19.6
10 8	3 10.26	+14 0.8	2.017	2.898	11.2	19.4
10 18	3 4.23	+12 48.3	1.951	2.895	7.7	19.2
10 28	2 56.57	+11 29.2	1.910	2.891	3.9	19.0
11 7	2 48.09	+10 8.8	1.899	2.887	2.1	18.8
11 17	2 39.72	+ 8 53.3	1.918	2.882	5.4	19.1
11 27	2 32.39	+ 7 48.9	1.965	2.877	9.1	19.3
12 7	2 26.82	+ 6 59.7	2.038	2.872	12.4	19.5

189593 2000 WL_{73} 11 6.8 313°.25 2°.1/ 7.8 18

9 28	3 18.18	+20 34.3	1.626	2.418	17.8	19.6
10 8	3 14.53	+21 2.3	1.537	2.410	14.5	19.4
10 18	3 7.83	+21 20.0	1.467	2.403	10.4	19.1
10 28	2 58.65	+21 26.1	1.421	2.396	5.9	18.8
11 7	2 48.04	+21 21.0	1.401	2.389	2.1	18.6
11 17	2 37.37	+21 7.3	1.408	2.383	5.2	18.8
11 27	2 28.07	+20 49.8	1.442	2.377	9.8	19.0
12 7	2 21.26	+20 34.6	1.500	2.371	14.0	19.3

402226 2005 EV_{152} 11 6.8 135°.01 2°.8/ 4.5 18

9 28	3 15.44	+10 11.2	2.277	3.072	13.3	22.0
10 8	3 10.94	+ 9 24.0	2.204	3.084	10.4	21.8
10 18	3 4.48	+ 8 32.2	2.153	3.095	7.2	21.6
10 28	2 56.61	+ 7 39.4	2.129	3.106	4.0	21.5
11 7	2 48.10	+ 6 50.2	2.134	3.116	3.0	21.4
11 17	2 39.78	+ 6 8.9	2.170	3.126	5.5	21.6
11 27	2 32.48	+ 5 39.2	2.234	3.136	8.7	21.8
12 7	2 26.80	+ 5 23.1	2.323	3.145	11.5	22.0

273766 2007 EH_{166} 11 6.8 195°.90 2°.9/ 4.8 18

9 28	3 15.57	+12 36.5	1.736	2.545	16.2	20.9
10 8	3 11.86	+11 42.7	1.655	2.544	12.8	20.7
10 18	3 5.58	+10 39.8	1.596	2.543	8.8	20.4
10 28	2 57.34	+ 9 32.2	1.561	2.541	4.7	20.2
11 7	2 48.10	+ 8 26.1	1.555	2.540	3.0	20.1
11 17	2 39.00	+ 7 28.2	1.576	2.538	6.5	20.3
11 27	2 31.17	+ 6 44.3	1.624	2.536	10.6	20.5
12 7	2 25.45	+ 6 18.2	1.695	2.534	14.3	20.8

473099 2015 HG_{167} 11 6.8 55°.78 3°.2/ 4.9 18

9 28	3 16.19	+11 20.2	1.461	2.282	18.1	21.1
10 8	3 12.64	+10 39.2	1.399	2.294	14.3	20.8
10 18	3 6.21	+ 9 51.1	1.356	2.305	9.8	20.6
10 28	2 57.64	+ 9 0.8	1.337	2.317	5.3	20.4
11 7	2 48.09	+ 8 14.6	1.344	2.330	3.4	20.3
11 17	2 38.87	+ 7 38.5	1.378	2.342	7.0	20.6
11 27	2 31.20	+ 7 17.5	1.438	2.355	11.3	20.8
12 7	2 25.96	+ 7 14.1	1.520	2.368	15.2	21.1

126905 Junetveekrem 11 6.8 286°.96 3°.0/ 4.9 18

9 28	3 15.37	+ 7 57.6	2.154	2.954	13.7	19.7
10 8	3 11.22	+ 7 42.8	2.065	2.947	10.9	19.5
10 18	3 4.92	+ 7 26.1	1.998	2.941	7.6	19.3
10 28	2 56.96	+ 7 10.5	1.957	2.934	4.4	19.1
11 7	2 48.12	+ 6 59.3	1.945	2.927	3.1	19.0
11 17	2 39.31	+ 6 55.6	1.962	2.921	5.7	19.1
11 27	2 31.47	+ 7 2.0	2.007	2.915	9.2	19.3
12 7	2 25.34	+ 7 20.0	2.076	2.908	12.3	19.5

227261 2005 SE_{93} 11 6.8 307°.21 0°.7/ 7.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 15.83	+19 23.0	1.506	2.312	18.4	20.7
10 8	3 12.82	+19 19.6	1.419	2.303	14.8	20.4
10 18	3 6.72	+19 3.2	1.351	2.294	10.5	20.1
10 28	2 58.10	+18 34.4	1.306	2.286	5.5	19.8
11 7	2 48.09	+17 56.0	1.287	2.278	0.7	19.5
11 17	2 38.06	+17 13.0	1.294	2.270	5.4	19.8
11 27	2 29.48	+16 32.5	1.327	2.262	10.5	20.1
12 7	2 23.45	+16 1.1	1.384	2.255	15.0	20.3

446205 2013 GA_{17} 11 6.8 181°.69 0°.8/ 6.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 14.56	+15 53.1	2.065	2.858	14.5	21.5
10 8	3 10.70	+15 32.8	1.979	2.858	11.5	21.3
10 18	3 4.59	+15 4.3	1.915	2.858	7.9	21.1
10 28	2 56.79	+14 29.5	1.877	2.858	4.0	20.8
11 7	2 48.12	+13 51.7	1.867	2.858	0.8	20.6
11 17	2 39.55	+13 15.2	1.887	2.858	4.6	20.9
11 27	2 32.04	+12 44.4	1.934	2.857	8.5	21.1
12 7	2 26.35	+12 23.0	2.007	2.857	11.9	21.3

415181 2012 FF_{78} 11 6.8 131°.68 3°.7/ 9.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 21.00	+27 24.6	2.702	3.428	13.0	21.1
10 8	3 15.44	+28 13.6	2.611	3.436	10.8	20.9
10 18	3 7.73	+28 52.9	2.541	3.443	8.2	20.8
10 28	2 58.36	+29 20.3	2.499	3.450	5.6	20.6
11 7	2 48.10	+29 34.8	2.485	3.457	3.8	20.5
11 17	2 37.82	+29 36.9	2.502	3.464	4.5	20.6
11 27	2 28.47	+29 29.5	2.549	3.470	6.8	20.7
12 7	2 20.79	+29 16.6	2.624	3.476	9.4	20.9

38986 2000 UP_5 11 6.8 34°.40 2°.9/ 5.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 17.02	+10 26.0	1.324	2.152	19.3	18.0
10 8	3 13.59	+10 14.0	1.266	2.164	15.2	17.8
10 18	3 7.02	+ 9 57.2	1.227	2.178	10.5	17.6
10 28	2 58.10	+ 9 39.7	1.211	2.192	5.5	17.4
11 7	2 48.11	+ 9 26.0	1.220	2.207	3.1	17.3
11 17	2 38.47	+ 9 20.6	1.254	2.222	6.9	17.5
11 27	2 30.57	+ 9 27.2	1.314	2.238	11.5	17.9
12 7	2 25.30	+ 9 47.5	1.396	2.255	15.6	18.1

96883 1999 TA_{24} 11 6.8 245°.40 0°.4/ 7.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 17.06	+18 11.4	1.840	2.631	16.1	20.1
10 8	3 13.09	+18 10.1	1.752	2.627	12.9	19.9
10 18	3 6.50	+17 59.0	1.684	2.624	9.0	19.6
10 28	2 57.86	+17 38.9	1.641	2.620	4.7	19.4
11 7	2 48.11	+17 12.2	1.626	2.617	0.4	19.0
11 17	2 38.40	+16 42.6	1.639	2.613	4.7	19.4
11 27	2 29.92	+16 15.3	1.679	2.609	9.1	19.6
12 7	2 23.55	+15 54.9	1.745	2.605	12.9	19.8

448340 2009 FM_{38} 11 6.8 185°.13 0°.8/ 7.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 19.51	+18 14.9	2.280	3.051	14.0	21.3
10 8	3 14.47	+18 30.5	2.187	3.051	11.2	21.1
10 18	3 7.16	+18 38.9	2.117	3.050	7.9	20.9
10 28	2 58.11	+18 40.2	2.073	3.050	4.2	20.7
11 7	2 48.11	+18 35.4	2.058	3.048	0.8	20.4
11 17	2 38.14	+18 26.7	2.074	3.047	3.9	20.7
11 27	2 29.18	+18 17.2	2.119	3.045	7.7	20.9
12 7	2 22.02	+18 10.7	2.191	3.043	11.0	21.1

3837 Carr 11 6.8 121°.18 0°.5/ 7.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 16.98	+20 30.3	1.711	2.501	17.1	17.0
10 8	3 13.09	+20 3.7	1.633	2.508	13.7	16.7
10 18	3 6.47	+19 23.0	1.575	2.514	9.6	16.5
10 28	2 57.80	+18 29.8	1.542	2.521	5.0	16.3
11 7	2 48.12	+17 28.1	1.536	2.527	0.5	15.9
11 17	2 38.66	+16 23.9	1.558	2.532	4.8	16.3
11 27	2 30.61	+15 24.5	1.608	2.538	9.3	16.6
12 7	2 24.82	+14 35.9	1.682	2.543	13.3	16.8

202374 2005 EO_{323} 11 6.8 306°.48 9°.8/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 12.11	− 4 15.7	1.662	2.483	16.2	20.1
10 8	3 9.31	− 5 54.5	1.585	2.467	13.6	19.8
10 18	3 3.96	− 7 30.2	1.530	2.452	11.2	19.7
10 28	2 56.59	− 8 52.8	1.498	2.436	9.9	19.6
11 7	2 48.14	− 9 53.2	1.491	2.421	10.4	19.6
11 17	2 39.72	−10 24.3	1.509	2.406	12.5	19.6
11 27	2 32.47	−10 23.1	1.548	2.391	15.3	19.8
12 7	2 27.28	− 9 51.1	1.608	2.377	18.1	19.9

307529 2003 BN_{15} 11 6.8 295°.87 0°.1/ 6.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 12.97	+19 42.1	1.925	2.717	15.4	21.2
10 8	3 9.97	+19 13.0	1.814	2.691	12.4	21.0
10 18	3 4.46	+18 30.3	1.724	2.664	8.8	20.7
10 28	2 56.90	+17 35.2	1.658	2.638	4.6	20.4
11 7	2 48.14	+16 30.9	1.620	2.611	0.1	20.0
11 17	2 39.22	+15 23.0	1.611	2.585	4.8	20.3
11 27	2 31.31	+14 18.5	1.629	2.559	9.3	20.5
12 7	2 25.36	+13 23.8	1.673	2.532	13.4	20.7

231212 2005 WK_{57} 11 6.8 346°.40 9°.7/ 2.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 11.02	− 0 47.1	1.087	1.943	20.7	19.9
10 8	3 9.71	− 1 40.6	1.021	1.930	17.1	19.7
10 18	3 4.91	− 2 29.3	0.973	1.918	13.2	19.4
10 28	2 57.30	− 3 2.5	0.944	1.908	10.2	19.2
11 7	2 48.13	− 3 10.7	0.936	1.899	10.0	19.2
11 17	2 39.04	− 2 47.6	0.950	1.893	12.8	19.3
11 27	2 31.68	− 1 51.9	0.985	1.888	16.8	19.5
12 7	2 27.22	− 0 27.6	1.039	1.885	20.8	19.8

308800 2006 QU_{59} 11 6.8 16°.97 4°.1/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 8.74	+12 13.9	1.306	2.148	18.7	19.4
10 8	3 7.09	+10 54.3	1.248	2.155	14.7	19.2
10 18	3 2.53	+ 9 23.9	1.210	2.165	10.1	18.9
10 28	2 55.84	+ 7 50.3	1.194	2.175	5.7	18.7
11 7	2 48.18	+ 6 23.1	1.204	2.187	4.5	18.7
11 17	2 40.83	+ 5 11.5	1.238	2.199	8.1	18.9
11 27	2 35.02	+ 4 22.4	1.297	2.213	12.4	19.2
12 7	2 31.57	+ 3 58.4	1.378	2.228	16.3	19.5

326081 2011 BD_4 11 6.8 239°.88 4°.2/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 12.64	+ 4 34.8	2.381	3.183	12.5	20.9
10 8	3 8.78	+ 3 52.4	2.298	3.180	10.0	20.8
10 18	3 3.07	+ 3 9.1	2.238	3.177	7.2	20.6
10 28	2 55.97	+ 2 29.2	2.205	3.174	4.8	20.4
11 7	2 48.18	+ 1 56.8	2.200	3.170	4.4	20.4
11 17	2 40.46	+ 1 35.7	2.225	3.167	6.5	20.5
11 27	2 33.61	+ 1 28.4	2.276	3.163	9.2	20.7
12 7	2 28.24	+ 1 36.0	2.353	3.160	11.9	20.9

117031 2004 JK_{17} 11 6.8 231°.07 1°.5/ 7.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 16.89	+22 26.4	1.674	2.461	17.6	20.2
10 8	3 13.30	+22 12.5	1.586	2.457	14.2	20.0
10 18	3 6.83	+21 43.2	1.518	2.454	10.2	19.7
10 28	2 58.09	+20 58.6	1.474	2.450	5.6	19.4
11 7	2 48.14	+20 1.7	1.456	2.446	1.5	19.2
11 17	2 38.27	+18 58.0	1.466	2.442	4.9	19.4
11 27	2 29.79	+17 55.3	1.504	2.437	9.6	19.6
12 7	2 23.69	+17 0.7	1.566	2.433	13.8	19.9

243083 2007 NU_6 11 6.8 71°.32 3°.6/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 19.61	+ 7 42.0	1.641	2.450	16.9	19.7
10 8	3 14.96	+ 7 25.3	1.579	2.466	13.4	19.5
10 18	3 7.62	+ 7 6.8	1.537	2.482	9.3	19.3
10 28	2 58.32	+ 6 50.5	1.521	2.498	5.3	19.1
11 7	2 48.14	+ 6 40.5	1.531	2.514	3.8	19.1
11 17	2 38.28	+ 6 40.2	1.569	2.529	6.8	19.3
11 27	2 29.90	+ 6 52.3	1.634	2.545	10.6	19.6
12 7	2 23.79	+ 7 17.5	1.723	2.561	14.1	19.8

358768 2008 DH_9 11 6.8 305°.93 3°.0/ 4.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 13.09	+10 49.9	1.928	2.737	14.8	21.0
10 8	3 9.67	+10 3.2	1.845	2.733	11.7	20.8
10 18	3 3.95	+ 9 10.1	1.784	2.730	8.1	20.6
10 28	2 56.51	+ 8 14.6	1.748	2.727	4.5	20.4
11 7	2 48.19	+ 7 22.2	1.740	2.724	3.2	20.3
11 17	2 39.95	+ 6 38.2	1.761	2.721	6.2	20.5
11 27	2 32.81	+ 6 7.2	1.808	2.718	9.9	20.7
12 7	2 27.51	+ 5 52.0	1.880	2.715	13.3	20.9

29158 1989 EE_3 11 6.8 286°.62 6°.7/31.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 10.66	− 1 6.3	2.269	3.078	12.9	19.4
10 8	3 7.40	− 2 28.9	2.185	3.064	10.5	19.2
10 18	3 2.22	− 3 50.6	2.125	3.051	8.3	19.0
10 28	2 55.60	− 5 5.2	2.091	3.037	6.9	18.9
11 7	2 48.21	− 6 6.1	2.084	3.024	7.2	18.9
11 17	2 40.85	− 6 48.3	2.104	3.010	9.0	19.0
11 27	2 34.33	− 7 8.7	2.150	2.997	11.4	19.1
12 7	2 29.32	− 7 6.8	2.218	2.983	13.8	19.3

139714 2001 QQ_{237} 11 6.8 61°.47 5°.1/ 3.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 17.31	+ 8 17.4	1.370	2.197	18.8	19.3
10 8	3 13.44	+ 7 7.9	1.323	2.220	14.8	19.1
10 18	3 6.66	+ 5 54.0	1.295	2.243	10.3	18.9
10 28	2 57.82	+ 4 43.1	1.290	2.266	6.3	18.7
11 7	2 48.17	+ 3 43.3	1.312	2.289	5.4	18.7
11 17	2 39.03	+ 3 1.3	1.360	2.313	8.5	19.0
11 27	2 31.61	+ 2 41.1	1.432	2.336	12.4	19.3
12 7	2 26.67	+ 2 43.2	1.527	2.360	15.9	19.5

268174 2004 XN_{31} 11 6.8 230°.63 3°.7/10.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 14.53	+31 53.6	2.992	3.705	12.1	21.2
10 8	3 10.24	+31 56.7	2.881	3.694	10.2	21.0
10 18	3 4.09	+31 46.6	2.791	3.682	8.0	20.8
10 28	2 56.53	+31 22.1	2.726	3.670	5.6	20.7
11 7	2 48.20	+30 43.6	2.690	3.658	3.9	20.5
11 17	2 39.87	+29 52.9	2.684	3.645	4.2	20.5
11 27	2 32.34	+28 54.2	2.708	3.632	6.3	20.6
12 7	2 26.25	+27 52.3	2.760	3.619	8.7	20.8

287675 2003 QE_1 11 6.8 145°.04 1°.4/ 5.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 16.79	+15 8.2	2.198	2.984	13.9	21.7
10 8	3 12.15	+14 23.7	2.120	2.995	11.0	21.5
10 18	3 5.42	+13 30.8	2.064	3.005	7.5	21.3
10 28	2 57.16	+12 32.4	2.035	3.015	3.8	21.1
11 7	2 48.20	+11 32.9	2.035	3.024	1.5	20.9
11 17	2 39.43	+10 37.1	2.066	3.032	4.8	21.2
11 27	2 31.75	+ 9 50.1	2.125	3.040	8.3	21.4
12 7	2 25.82	+ 9 15.2	2.211	3.047	11.5	21.6

379535 2010 WS_{60} 11 6.8 223°.85 1°.0/ 6.2 18

9 28	3 19.02	+15 33.8	1.643	2.444	17.3	21.5
10 8	3 14.97	+15 17.3	1.556	2.438	13.8	21.3
10 18	3 8.01	+14 51.1	1.488	2.432	9.6	21.0
10 28	2 58.72	+14 17.2	1.445	2.426	4.9	20.7
11 7	2 48.16	+13 39.3	1.429	2.419	1.1	20.5
11 17	2 37.63	+13 2.6	1.441	2.412	5.6	20.8
11 27	2 28.48	+12 33.0	1.480	2.405	10.4	21.0
12 7	2 21.69	+12 15.0	1.542	2.397	14.6	21.3

84912 2003 UP_{222} 11 6.8 282°.23 1°.3/ 7.5 18

9 28	3 19.58	+18 39.1	1.899	2.681	16.0	18.5
10 8	3 15.34	+19 6.4	1.792	2.661	13.0	18.3
10 18	3 8.32	+19 26.5	1.706	2.641	9.3	18.0
10 28	2 58.96	+19 38.5	1.645	2.621	5.1	17.7
11 7	2 48.16	+19 42.8	1.611	2.601	1.3	17.4
11 17	2 37.09	+19 40.9	1.606	2.580	4.7	17.6
11 27	2 27.09	+19 36.5	1.629	2.560	9.2	17.8
12 7	2 19.24	+19 34.1	1.678	2.539	13.3	18.0

324770 2007 GR_{40} 11 6.8 77°.06 0°.8/ 6.1 18

9 28	3 11.94	+17 19.7	2.270	3.060	13.4	21.2
10 8	3 8.36	+16 35.7	2.189	3.066	10.6	21.0
10 18	3 2.82	+15 42.1	2.130	3.072	7.3	20.8
10 28	2 55.86	+14 41.3	2.098	3.078	3.6	20.6
11 7	2 48.22	+13 37.7	2.094	3.085	0.8	20.4
11 17	2 40.74	+12 36.0	2.120	3.091	4.3	20.7
11 27	2 34.23	+11 41.3	2.176	3.097	7.8	20.9
12 7	2 29.32	+10 57.5	2.257	3.103	10.9	21.1

122795 2000 SL_{94} 11 6.8 221°.94 2°.5/ 8.5 18

9 28	3 17.38	+24 45.4	1.897	2.666	16.4	19.9
10 8	3 13.43	+24 42.7	1.803	2.661	13.4	19.7
10 18	3 6.80	+24 25.0	1.730	2.656	9.8	19.5
10 28	2 58.06	+23 51.7	1.680	2.651	5.8	19.2
11 7	2 48.18	+23 4.5	1.658	2.645	2.5	19.0
11 17	2 38.34	+22 7.5	1.665	2.639	4.6	19.1
11 27	2 29.76	+21 7.2	1.699	2.632	8.7	19.3
12 7	2 23.34	+20 10.9	1.759	2.626	12.5	19.6

256662 2007 XT_{26} 11 6.8 334°.23 3°.8/ 8.8 18

9 28	3 11.10	+25 22.1	1.117	1.939	22.4	19.8
10 8	3 10.33	+25 35.3	1.037	1.926	18.6	19.5
10 18	3 5.75	+25 26.4	0.973	1.913	13.8	19.1
10 28	2 57.92	+24 52.8	0.927	1.902	8.5	18.8
11 7	2 48.18	+23 55.7	0.904	1.891	4.0	18.5
11 17	2 38.36	+22 41.7	0.904	1.882	6.6	18.7
11 27	2 30.43	+21 22.4	0.927	1.873	12.2	18.9
12 7	2 25.76	+20 10.3	0.971	1.866	17.5	19.2

335007 2004 HR_{20} 11 6.8 78°.49 0°.2/ 6.9 18

9 28	3 22.54	+17 22.6	1.555	2.349	18.4	21.0
10 8	3 17.48	+17 26.8	1.496	2.373	14.6	20.8
10 18	3 9.45	+17 21.0	1.457	2.398	10.1	20.6
10 28	2 59.27	+17 6.2	1.442	2.422	5.1	20.3
11 7	2 48.17	+16 45.3	1.454	2.445	0.2	20.0
11 17	2 37.50	+16 22.3	1.495	2.469	5.1	20.5
11 27	2 28.54	+16 2.6	1.562	2.492	9.6	20.8
12 7	2 22.13	+15 50.6	1.654	2.515	13.5	21.1

383072 2005 RQ_{41} 11 6.8 5°.99 2°.5/ 5.7 18

9 28	3 11.83	+12 49.0	1.087	1.936	21.2	20.3
10 8	3 10.34	+12 33.6	1.025	1.936	16.8	20.0
10 18	3 5.31	+12 9.2	0.980	1.937	11.6	19.7
10 28	2 57.47	+11 39.8	0.956	1.939	6.0	19.4
11 7	2 48.20	+11 11.4	0.954	1.944	2.6	19.2
11 17	2 39.14	+10 50.6	0.977	1.949	7.4	19.5
11 27	2 31.96	+10 43.4	1.021	1.956	12.8	19.9
12 7	2 27.73	+10 52.9	1.086	1.965	17.6	20.2

407591 2011 AF_{68} 11 6.8 10°.78 4°.0/10.1 18

9 28	3 14.51	+29 27.7	2.264	3.008	14.8	21.2
10 8	3 10.77	+29 43.5	2.173	3.008	12.3	21.0
10 18	3 4.73	+29 44.8	2.102	3.009	9.4	20.8
10 28	2 56.93	+29 30.1	2.055	3.010	6.4	20.6
11 7	2 48.22	+28 59.9	2.036	3.010	4.2	20.5
11 17	2 39.56	+28 16.5	2.045	3.011	4.8	20.6
11 27	2 31.97	+27 25.1	2.082	3.013	7.5	20.7
12 7	2 26.23	+26 31.8	2.146	3.014	10.5	20.9

28395 1999 RZ_{42} 11 6.8 19°.11 2°.3/ 6.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 23.22	+ 7 28.9	1.218	2.043	20.8	17.0
10 8	3 18.96	+ 8 21.6	1.156	2.051	16.6	16.8
10 18	3 11.07	+ 9 17.5	1.113	2.061	11.5	16.5
10 28	3 0.32	+10 17.5	1.091	2.072	6.0	16.2
11 7	2 48.15	+11 21.4	1.095	2.085	2.3	16.1
11 17	2 36.27	+12 28.5	1.126	2.098	6.7	16.4
11 27	2 26.36	+13 38.4	1.182	2.113	11.9	16.7
12 7	2 19.54	+14 51.3	1.261	2.129	16.4	17.0

289328 2005 AK_{53} 11 6.8 261°.80 2°.8/ 8.8 18

9 28	3 16.21	+25 51.9	1.963	2.728	16.1	20.8
10 8	3 12.54	+25 50.7	1.860	2.715	13.2	20.6
10 18	3 6.23	+25 34.3	1.778	2.701	9.8	20.3
10 28	2 57.81	+25 1.6	1.720	2.687	6.0	20.1
11 7	2 48.20	+24 13.6	1.688	2.673	2.9	19.9
11 17	2 38.53	+23 14.3	1.685	2.659	4.7	20.0
11 27	2 30.02	+22 10.1	1.711	2.644	8.6	20.2
12 7	2 23.61	+21 8.3	1.762	2.630	12.4	20.4

452556 2004 XW_{155} 11 6.8 267°.39 7°.2/ 1.6 17

9 28	3 16.98	− 7 16.8	2.480	3.262	12.7	21.1
10 8	3 12.17	− 7 51.8	2.392	3.247	10.6	20.9
10 18	3 5.42	− 8 19.8	2.328	3.233	8.7	20.8
10 28	2 57.21	− 8 35.6	2.288	3.218	7.4	20.7
11 7	2 48.23	− 8 35.0	2.277	3.203	7.5	20.7
11 17	2 39.27	− 8 15.3	2.293	3.188	8.9	20.7
11 27	2 31.17	− 7 35.8	2.336	3.173	11.0	20.8
12 7	2 24.59	− 6 37.9	2.402	3.158	13.2	21.0

329723 2003 WH_{145} 11 6.8 347°.34 4°.6/ 4.9 18

9 28	3 20.19	+ 1 45.3	1.933	2.732	15.1	20.3
10 8	3 15.28	+ 1 58.5	1.848	2.726	12.2	20.0
10 18	3 7.88	+ 2 16.6	1.784	2.720	8.9	19.8
10 28	2 58.55	+ 2 42.8	1.746	2.715	5.8	19.6
11 7	2 48.20	+ 3 19.8	1.736	2.711	4.7	19.6
11 17	2 37.89	+ 4 8.6	1.755	2.708	7.0	19.7
11 27	2 28.72	+ 5 9.3	1.803	2.705	10.4	19.9
12 7	2 21.55	+ 6 20.8	1.875	2.702	13.7	20.1

398915 2013 CX_{156} 11 6.8 317°.16 2°.0/ 5.5 18

9 28	3 13.97	+13 6.2	1.766	2.575	15.9	21.0
10 8	3 10.70	+12 38.7	1.680	2.569	12.6	20.7
10 18	3 4.88	+12 3.4	1.615	2.562	8.7	20.5
10 28	2 57.08	+11 23.5	1.575	2.556	4.5	20.2
11 7	2 48.23	+10 43.5	1.561	2.549	2.2	20.0
11 17	2 39.42	+10 8.5	1.576	2.543	5.8	20.3
11 27	2 31.80	+ 9 43.5	1.617	2.538	10.0	20.5
12 7	2 26.22	+ 9 32.0	1.682	2.532	13.8	20.7

241983 2002 KF 11 6.8 185°.99 5°.4/ 2.6 18

9 28	3 16.82	+ 1 25.6	2.307	3.101	13.1	21.1
10 8	3 12.09	+ 0 32.0	2.227	3.101	10.6	21.0
10 18	3 5.37	− 0 20.7	2.171	3.101	7.9	20.8
10 28	2 57.17	− 1 7.6	2.141	3.100	5.8	20.7
11 7	2 48.24	− 1 43.6	2.140	3.098	5.7	20.7
11 17	2 39.42	− 2 4.8	2.168	3.095	7.6	20.8
11 27	2 31.55	− 2 8.8	2.223	3.092	10.2	20.9
12 7	2 25.31	− 1 55.4	2.302	3.088	12.8	21.1

254953 2005 SV_{200} 11 6.8 104°.09 0°.8/ 6.2 18

9 28	3 14.22	+16 2.2	2.112	2.904	14.2	21.4
10 8	3 10.35	+15 37.5	2.031	2.909	11.3	21.3
10 18	3 4.32	+15 4.3	1.971	2.913	7.8	21.0
10 28	2 56.68	+14 24.9	1.937	2.917	3.9	20.8
11 7	2 48.25	+13 42.8	1.931	2.922	0.9	20.6
11 17	2 39.95	+13 2.3	1.955	2.926	4.5	20.9
11 27	2 32.70	+12 27.9	2.007	2.930	8.2	21.1
12 7	2 27.22	+12 3.2	2.085	2.934	11.6	21.3

486202 2013 AQ_{68} 11 6.8 276°.77 2°.6/ 8.8 18

9 28	3 14.68	+26 13.4	1.916	2.685	16.3	21.1
10 8	3 11.38	+25 57.0	1.813	2.670	13.4	20.9
10 18	3 5.45	+25 23.4	1.730	2.655	9.9	20.7
10 28	2 57.43	+24 31.8	1.671	2.640	6.0	20.4
11 7	2 48.24	+23 24.2	1.638	2.625	2.7	20.2
11 17	2 39.02	+22 5.7	1.635	2.609	4.6	20.3
11 27	2 30.97	+20 43.7	1.659	2.594	8.7	20.5
12 7	2 25.03	+19 26.5	1.709	2.578	12.7	20.7

195752 2002 PU_{104} 11 6.8 123°.65 1°.8/ 5.1 18

9 28	3 11.72	+13 24.1	2.530	3.322	12.2	20.6
10 8	3 7.94	+12 38.2	2.449	3.328	9.5	20.4
10 18	3 2.42	+11 45.8	2.391	3.334	6.5	20.2
10 28	2 55.65	+10 50.1	2.360	3.340	3.4	20.0
11 7	2 48.28	+ 9 54.8	2.359	3.346	1.9	19.9
11 17	2 41.03	+ 9 4.2	2.388	3.351	4.5	20.1
11 27	2 34.64	+ 8 22.3	2.446	3.357	7.6	20.3
12 7	2 29.66	+ 7 51.7	2.530	3.362	10.4	20.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
183420 2003 AU_{14}		11 6.8 299°69 1°7/ 8.0 17				
	h m	° ′			°	m
9 28	3 12.82	+23 47.2	1.887	2.669	16.0	19.9
10 8	3 9.99	+23 25.7	1.777	2.645	13.1	19.6
10 18	3 4.56	+22 47.8	1.688	2.621	9.5	19.4
10 28	2 57.02	+21 53.6	1.623	2.597	5.4	19.1
11 7	2 48.25	+20 45.4	1.585	2.574	1.7	18.8
11 17	2 39.35	+19 28.4	1.575	2.550	4.6	18.9
11 27	2 31.53	+18 10.4	1.592	2.527	9.1	19.1
12 7	2 25.76	+16 59.1	1.635	2.504	13.2	19.3
88461 2001 QL_{98}		11 6.8 33°05 0°8/ 6.4 18				
9 28	3 14.29	+17 31.7	1.177	2.008	21.0	18.7
10 8	3 11.88	+17 2.4	1.122	2.021	16.6	18.5
10 18	3 6.07	+16 18.6	1.085	2.036	11.4	18.2
10 28	2 57.73	+15 23.6	1.069	2.051	5.7	18.0
11 7	2 48.24	+14 24.2	1.077	2.068	0.9	17.7
11 17	2 39.20	+13 28.2	1.111	2.085	6.3	18.1
11 27	2 32.05	+12 43.8	1.168	2.103	11.5	18.5
12 7	2 27.74	+12 16.2	1.248	2.122	16.0	18.8
18327 1985 CX_{1}		11 6.8 215°93 0°1/ 6.7 18				
9 28	3 18.27	+18 39.9	1.592	2.390	17.9	18.7
10 8	3 14.50	+18 15.4	1.506	2.386	14.3	18.5
10 18	3 7.74	+17 37.4	1.440	2.382	10.0	18.2
10 28	2 58.62	+16 47.4	1.397	2.377	5.1	17.9
11 7	2 48.24	+15 49.7	1.381	2.372	0.2	17.5
11 17	2 37.93	+14 50.3	1.393	2.367	5.4	17.9
11 27	2 29.07	+13 57.0	1.432	2.362	10.4	18.2
12 7	2 22.66	+13 15.9	1.495	2.356	14.7	18.5
490891 2011 BB_{65}		11 6.8 215°35 5°9/31.8 17				
9 28	3 11.01	− 2 13.8	2.705	3.502	11.3	22.5
10 8	3 7.27	− 3 22.9	2.627	3.498	9.3	22.3
10 18	3 1.93	− 4 29.7	2.574	3.494	7.3	22.2
10 28	2 55.42	− 5 29.0	2.547	3.489	6.1	22.1
11 7	2 48.31	− 6 16.1	2.548	3.484	6.3	22.1
11 17	2 41.28	− 6 47.4	2.578	3.479	7.8	22.2
11 27	2 34.98	− 7 0.6	2.634	3.474	9.8	22.3
12 7	2 29.97	− 6 55.6	2.713	3.469	11.8	22.5
137081 1998 XO_{7}		11 6.8 135°58 0°5/ 7.2 18				
9 28	3 15.56	+21 8.3	2.169	2.944	14.4	20.1
10 8	3 11.35	+20 33.7	2.086	2.952	11.5	20.0
10 18	3 4.97	+19 46.7	2.026	2.961	8.1	19.8
10 28	2 57.01	+18 48.9	1.991	2.969	4.2	19.5
11 7	2 48.29	+17 43.9	1.986	2.976	0.5	19.3
11 17	2 39.76	+16 36.9	2.010	2.984	4.0	19.6
11 27	2 32.34	+15 33.6	2.063	2.991	7.8	19.8
12 7	2 26.72	+14 39.1	2.143	2.997	11.1	20.0
213349 2001 SD_{327}		11 6.8 32°11 1°8/ 5.5 18				
9 28	3 11.82	+16 20.7	1.647	2.460	16.7	20.2
10 8	3 8.99	+15 19.2	1.578	2.468	13.2	20.0
10 18	3 3.63	+14 5.0	1.529	2.477	9.0	19.8
10 28	2 56.40	+12 42.9	1.505	2.487	4.5	19.6
11 7	2 48.31	+11 19.5	1.508	2.497	2.0	19.4
11 17	2 40.47	+10 2.5	1.539	2.507	5.8	19.7
11 27	2 33.96	+ 8 59.0	1.596	2.518	10.1	20.0
12 7	2 29.55	+ 8 13.5	1.677	2.529	13.8	20.2
451393 2011 DQ_{10}		11 6.8 276°49 9°0/29.2 17				
9 28	3 16.95	−14 35.6	2.725	3.484	12.2	21.7
10 8	3 12.13	−15 34.8	2.630	3.454	10.8	21.6
10 18	3 5.43	−16 25.0	2.557	3.422	9.6	21.4
10 28	2 57.27	−17 0.0	2.509	3.390	9.0	21.4
11 7	2 48.30	−17 14.7	2.487	3.358	9.4	21.3
11 17	2 39.25	−17 5.7	2.491	3.325	10.6	21.4
11 27	2 30.94	−16 32.0	2.520	3.292	12.2	21.4
12 7	2 24.04	−15 35.3	2.570	3.258	14.0	21.5
419212 2009 UY_{117}		11 6.8 352°21 1°6/ 8.2 18				
9 28	3 12.01	+24 15.3	2.121	2.895	14.8	20.6
10 8	3 8.80	+23 51.2	2.031	2.893	12.0	20.4
10 18	3 3.36	+23 12.5	1.962	2.892	8.6	20.2
10 28	2 56.26	+22 20.1	1.918	2.891	4.9	19.9
11 7	2 48.32	+21 16.9	1.901	2.890	1.7	19.7
11 17	2 40.48	+20 7.6	1.914	2.889	4.0	19.9
11 27	2 33.70	+18 58.4	1.955	2.889	7.7	20.1
12 7	2 28.71	+17 55.5	2.023	2.888	11.2	20.3
444586 2006 UA_{21}		11 6.8 304°33 1°5/ 7.8 18				
9 28	3 16.10	+21 16.3	1.961	2.741	15.6	21.5
10 8	3 12.25	+21 22.5	1.872	2.739	12.6	21.3
10 18	3 5.91	+21 17.6	1.803	2.737	9.0	21.1
10 28	2 57.62	+21 1.6	1.760	2.735	5.0	20.8
11 7	2 48.29	+20 36.1	1.744	2.733	1.6	20.6
11 17	2 39.01	+20 4.4	1.756	2.731	4.3	20.8
11 27	2 30.88	+19 31.4	1.797	2.729	8.4	21.0
12 7	2 24.76	+19 2.4	1.863	2.727	12.0	21.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1600 Vyssotsky		11 6.8 289°80 8°4/ 5.9 18				
	h m	° ′			°	m
9 28	3 35.48	− 3 20.1	1.026	1.842	24.4	15.1
10 8	3 29.86	− 2 53.3	0.954	1.837	20.3	14.8
10 18	3 19.46	− 2 9.2	0.897	1.832	15.4	14.5
10 28	3 4.99	− 0 59.9	0.861	1.828	10.5	14.3
11 7	2 48.16	+ 0 38.3	0.849	1.823	8.4	14.1
11 17	2 31.35	+ 2 43.0	0.863	1.819	11.6	14.3
11 27	2 17.02	+ 5 7.2	0.901	1.814	16.8	14.6
12 7	2 6.79	+ 7 41.7	0.961	1.810	21.8	14.9
385761 2005 YK_{74}		11 6.8 252°06 1°6/ 7.8 18 R				
9 28	3 17.09	+22 3.7	1.794	2.577	16.7	21.9
10 8	3 13.38	+21 59.4	1.700	2.568	13.6	21.7
10 18	3 6.90	+21 41.5	1.625	2.559	9.8	21.4
10 28	2 58.21	+21 9.9	1.575	2.550	5.4	21.2
11 7	2 48.29	+20 26.6	1.551	2.540	1.6	20.9
11 17	2 38.35	+19 36.1	1.556	2.531	4.7	21.1
11 27	2 29.67	+18 44.8	1.588	2.521	9.2	21.3
12 7	2 23.22	+17 59.4	1.645	2.511	13.3	21.6
199091 2005 YF_{10}		11 6.8 263°98 0°1/ 6.7 18 R				
9 28	3 16.44	+18 10.7	1.768	2.563	16.5	21.5
10 8	3 12.88	+17 51.9	1.671	2.550	13.2	21.2
10 18	3 6.58	+17 21.2	1.594	2.536	9.3	21.0
10 28	2 58.07	+16 40.0	1.542	2.522	4.8	20.7
11 7	2 48.31	+15 51.6	1.517	2.507	0.2	20.3
11 17	2 38.49	+15 1.3	1.519	2.493	5.1	20.6
11 27	2 29.87	+14 15.4	1.550	2.478	9.8	20.9
12 7	2 23.44	+13 39.7	1.604	2.463	13.9	21.1
128076 2003 OA_{15}		11 6.8 158°79 5°1/ 1.7 18				
9 28	3 11.33	+ 3 42.4	2.449	3.253	12.2	20.0
10 8	3 7.68	+ 2 17.9	2.373	3.255	9.7	19.9
10 18	3 2.28	+ 0 51.7	2.323	3.257	7.2	19.7
10 28	2 55.63	− 0 30.8	2.299	3.260	5.3	19.6
11 7	2 48.37	− 1 43.7	2.305	3.262	5.4	19.6
11 17	2 41.22	− 2 42.0	2.339	3.263	7.3	19.7
11 27	2 34.92	− 3 22.3	2.401	3.265	9.8	19.9
12 7	2 30.03	− 3 43.4	2.486	3.266	12.1	20.1
41404 2000 AG_{187}		11 6.8 20°79 4°7/ 3.1 18				
9 28	3 10.74	+11 55.1	1.464	2.295	17.6	17.8
10 8	3 8.42	+10 7.8	1.398	2.299	13.8	17.5
10 18	3 3.38	+ 8 8.3	1.353	2.304	9.6	17.3
10 28	2 56.34	+ 6 5.1	1.332	2.310	5.7	17.1
11 7	2 48.36	+ 4 9.0	1.338	2.317	5.1	17.1
11 17	2 40.64	+ 2 30.5	1.371	2.324	8.5	17.3
11 27	2 34.34	+ 1 17.2	1.429	2.331	12.6	17.6
12 7	2 30.27	+ 0 32.3	1.509	2.340	16.2	17.8
156806 2003 BR_{43}		11 6.8 256°10 5°1/ 3.8 18				
9 28	3 16.65	+ 6 10.2	1.650	2.466	16.6	20.3
10 8	3 12.94	+ 5 22.2	1.570	2.460	13.3	20.1
10 18	3 6.51	+ 4 31.1	1.511	2.455	9.5	19.9
10 28	2 57.99	+ 3 42.7	1.477	2.450	6.1	19.7
11 7	2 48.36	+ 3 3.2	1.469	2.444	5.3	19.6
11 17	2 38.82	+ 2 38.5	1.488	2.438	8.2	19.8
11 27	2 30.56	+ 2 32.5	1.532	2.433	12.0	20.0
12 7	2 24.51	+ 2 46.4	1.600	2.427	15.6	20.2
219016 3191 $T\text{-}_{2}$		11 6.8 25°21 8°6/ 2.2 18				
9 28	3 9.90	+ 5 31.5	0.962	1.828	21.9	19.1
10 8	3 8.72	+ 3 40.8	0.924	1.842	17.4	18.9
10 18	3 4.00	+ 1 47.4	0.904	1.858	12.7	18.7
10 28	2 56.72	+ 0 4.6	0.904	1.875	9.1	18.6
11 7	2 48.39	− 1 14.3	0.926	1.894	9.0	18.6
11 17	2 40.62	− 2 0.5	0.970	1.915	12.2	18.9
11 27	2 34.84	− 2 10.7	1.034	1.936	16.2	19.2
12 7	2 31.89	− 1 47.8	1.117	1.959	19.9	19.5
428634 2008 FZ_{90}		11 6.8 137°09 0°8/ 7.4 16				
9 28	3 21.55	+20 3.7	1.888	2.663	16.3	22.2
10 8	3 16.43	+19 55.7	1.811	2.677	13.0	22.0
10 18	3 8.69	+19 36.2	1.755	2.689	9.2	21.8
10 28	2 58.99	+19 6.0	1.724	2.701	4.8	21.6
11 7	2 48.36	+18 27.6	1.722	2.713	0.8	21.3
11 17	2 37.96	+17 45.4	1.749	2.723	4.5	21.6
11 27	2 28.93	+17 5.0	1.805	2.733	8.7	21.9
12 7	2 22.11	+16 31.5	1.886	2.742	12.3	22.1
25914 Bair		11 6.8 284°96 1°6/ 7.7 18				
9 28	3 17.70	+20 39.4	1.841	2.624	16.3	19.4
10 8	3 14.06	+20 50.7	1.730	2.599	13.3	19.1
10 18	3 7.58	+20 51.4	1.639	2.574	9.6	18.9
10 28	2 58.72	+20 40.6	1.573	2.549	5.4	18.6
11 7	2 48.36	+20 19.3	1.533	2.523	1.6	18.2
11 17	2 37.72	+19 50.3	1.522	2.497	4.8	18.4
11 27	2 28.14	+19 18.9	1.538	2.471	9.5	18.6
12 7	2 20.74	+18 51.0	1.579	2.444	13.8	18.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
360422 2002 GF_{174} 11 6.8 77°.81 1°.5/ 5.9 18						
	h m	° ′			°	m
9 28	3 19.54	+11 10.6	2.271	3.055	13.6	20.1
10 8	3 14.18	+11 17.7	2.204	3.077	10.7	19.9
10 18	3 6.77	+11 22.0	2.160	3.100	7.3	19.8
10 28	2 57.91	+11 24.8	2.143	3.122	3.7	19.6
11 7	2 48.39	+11 28.1	2.155	3.143	1.5	19.5
11 17	2 39.11	+11 34.0	2.197	3.165	4.4	19.7
11 27	2 30.92	+11 44.7	2.270	3.186	7.8	19.9
12 7	2 24.47	+12 1.6	2.368	3.208	10.7	20.2
355053 2006 SR_{99} 11 6.9 195°.87 0°.8/ 7.4 18						
9 28	3 16.43	+19 26.1	2.071	2.852	14.8	21.7
10 8	3 12.34	+19 25.1	1.983	2.852	11.9	21.5
10 18	3 5.90	+19 14.5	1.915	2.851	8.4	21.3
10 28	2 57.65	+18 54.8	1.873	2.850	4.5	21.0
11 7	2 48.45	+18 28.0	1.859	2.849	0.8	20.8
11 17	2 39.30	+17 57.4	1.874	2.848	4.1	21.0
11 27	2 31.24	+17 27.7	1.917	2.847	8.1	21.3
12 7	2 25.07	+17 3.3	1.986	2.846	11.6	21.5
413222 2003 QM_{95} 11 6.9 329°.39 4°.1/10.1 17						
9 28	3 14.34	+29 24.2	2.187	2.934	15.1	21.1
10 8	3 10.83	+29 39.6	2.092	2.929	12.6	20.9
10 18	3 4.94	+29 40.3	2.017	2.925	9.7	20.7
10 28	2 57.20	+29 24.4	1.967	2.921	6.6	20.5
11 7	2 48.46	+28 52.2	1.943	2.918	4.3	20.3
11 17	2 39.74	+28 6.5	1.947	2.914	4.9	20.4
11 27	2 32.10	+27 12.3	1.979	2.911	7.8	20.6
12 7	2 26.36	+26 16.1	2.038	2.908	10.9	20.7
403497 2009 UT_{132} 11 6.9 23°.25 9°.2/12.9 17						
9 28	3 20.12	+37 55.9	1.800	2.514	19.0	20.1
10 8	3 16.43	+39 24.4	1.727	2.523	16.6	20.0
10 18	3 9.42	+40 33.7	1.672	2.534	13.9	19.8
10 28	2 59.68	+41 17.6	1.637	2.545	11.3	19.7
11 7	2 48.42	+41 32.1	1.626	2.557	9.5	19.6
11 17	2 37.18	+41 17.0	1.640	2.570	9.4	19.6
11 27	2 27.56	+40 37.6	1.678	2.583	10.8	19.8
12 7	2 20.72	+39 43.1	1.741	2.598	13.1	19.9
65821 De Curtis 11 6.9 359°.59 2°.0/ 8.5 17 R						
9 28	3 9.69	+23 42.3	2.259	3.035	13.9	18.6
10 8	3 6.91	+23 44.4	2.170	3.033	11.3	18.4
10 18	3 2.07	+23 35.0	2.102	3.031	8.2	18.2
10 28	2 55.69	+23 14.1	2.059	3.031	4.8	18.0
11 7	2 48.49	+22 43.5	2.044	3.031	2.1	17.8
11 17	2 41.34	+22 6.1	2.057	3.032	3.8	17.9
11 27	2 35.13	+21 26.4	2.098	3.033	7.2	18.1
12 7	2 30.55	+20 49.3	2.165	3.036	10.3	18.3
173820 2001 SJ_{328} 11 6.9 68°.10 1°.9/ 8.2 18						
9 28	3 16.66	+22 52.2	1.856	2.635	16.4	20.5
10 8	3 12.72	+22 52.2	1.782	2.647	13.2	20.3
10 18	3 6.22	+22 39.0	1.728	2.659	9.5	20.1
10 28	2 57.80	+22 12.7	1.698	2.671	5.4	19.9
11 7	2 48.47	+21 35.5	1.695	2.683	2.0	19.7
11 17	2 39.34	+20 51.5	1.721	2.696	4.4	19.9
11 27	2 31.53	+20 6.6	1.774	2.708	8.3	20.2
12 7	2 25.85	+19 26.6	1.853	2.720	12.0	20.4
437858 2000 LA_{34} 11 6.9 187°.36 2°.6/ 5.1 18						
9 28	3 19.91	+ 9 54.9	2.155	2.944	14.1	22.2
10 8	3 14.83	+ 9 29.8	2.068	2.943	11.2	22.0
10 18	3 7.48	+ 9 0.7	2.002	2.942	7.8	21.8
10 28	2 58.42	+ 8 30.5	1.963	2.941	4.3	21.6
11 7	2 48.47	+ 8 3.0	1.954	2.938	2.8	21.5
11 17	2 38.59	+ 7 41.8	1.974	2.935	5.6	21.7
11 27	2 29.77	+ 7 30.5	2.024	2.931	9.1	21.9
12 7	2 22.77	+ 7 31.1	2.099	2.926	12.4	22.1
100273 1994 WO_{1} 11 6.9 6°.86 4°.6/ 5.6 18						
9 28	3 14.03	+ 6 8.9	0.949	1.810	22.6	18.2
10 8	3 12.53	+ 6 23.8	0.894	1.810	18.1	17.9
10 18	3 7.12	+ 6 41.2	0.856	1.813	12.8	17.6
10 28	2 58.59	+ 7 5.5	0.836	1.817	7.3	17.3
11 7	2 48.47	+ 7 40.8	0.838	1.824	4.6	17.2
11 17	2 38.63	+ 8 28.9	0.863	1.833	8.7	17.5
11 27	2 30.89	+ 9 30.6	0.909	1.844	14.0	17.8
12 7	2 26.45	+10 44.3	0.975	1.857	18.8	18.2
325729 2009 VH_{29} 11 6.9 56°.50 1°.6/ 8.1 14 C						
9 28	3 14.16	+22 53.3	2.116	2.890	14.8	21.3
10 8	3 10.39	+22 44.7	2.040	2.903	11.9	21.1
10 18	3 4.43	+22 23.8	1.986	2.916	8.5	20.9
10 28	2 56.85	+21 51.4	1.957	2.930	4.8	20.7
11 7	2 48.51	+21 9.7	1.955	2.944	1.6	20.5
11 17	2 40.36	+20 22.8	1.983	2.957	3.9	20.7
11 27	2 33.33	+19 35.8	2.039	2.971	7.5	21.0
12 7	2 28.12	+18 53.7	2.121	2.985	10.8	21.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
520512 2014 LQ_{31} 11 6.9 69°.76 0°.2/ 7.0 18						
	h m	° ′			°	m
9 28	3 13.61	+20 22.0	2.117	2.899	14.5	21.2
10 8	3 9.85	+19 44.7	2.044	2.915	11.5	21.0
10 18	3 3.97	+18 55.6	1.993	2.930	8.0	20.8
10 28	2 56.58	+17 56.9	1.967	2.946	4.1	20.6
11 7	2 48.51	+16 52.5	1.970	2.961	0.2	20.3
11 17	2 40.68	+15 47.5	2.003	2.977	4.0	20.6
11 27	2 33.96	+14 47.5	2.064	2.992	7.7	20.9
12 7	2 29.00	+13 57.4	2.152	3.008	11.0	21.1
509655 2008 GX_{86} 11 6.9 246°.42 0°.6/ 6.6 18						
9 28	3 21.18	+14 52.9	1.676	2.472	17.2	22.4
10 8	3 16.85	+14 57.9	1.582	2.461	13.8	22.1
10 18	3 9.51	+14 55.9	1.508	2.450	9.7	21.9
10 28	2 59.71	+14 47.9	1.458	2.438	4.9	21.6
11 7	2 48.48	+14 36.1	1.435	2.426	0.7	21.2
11 17	2 37.13	+14 24.0	1.441	2.414	5.5	21.6
11 27	2 27.08	+14 16.1	1.474	2.401	10.3	21.8
12 7	2 19.43	+14 16.5	1.531	2.388	14.6	22.0
484114 2006 SU_{149} 11 6.9 51°.59 2°.1/ 8.2 18						
9 28	3 17.03	+22 30.8	1.773	2.555	16.9	21.1
10 8	3 13.18	+22 42.3	1.699	2.566	13.7	20.9
10 18	3 6.65	+22 41.2	1.645	2.577	9.8	20.7
10 28	2 58.08	+22 26.9	1.615	2.588	5.6	20.5
11 7	2 48.51	+22 1.3	1.612	2.600	2.2	20.3
11 17	2 39.12	+21 27.9	1.636	2.611	4.6	20.5
11 27	2 31.11	+20 52.3	1.688	2.623	8.6	20.7
12 7	2 25.31	+20 20.4	1.766	2.635	12.3	21.0
327533 2006 BE_{150} 11 6.9 288°.01 4°.3/ 3.9 17						
9 28	3 15.06	+ 4 20.3	2.200	3.001	13.4	20.4
10 8	3 11.06	+ 3 54.7	2.106	2.987	10.8	20.2
10 18	3 4.94	+ 3 29.1	2.035	2.973	7.8	20.0
10 28	2 57.18	+ 3 7.2	1.990	2.959	5.1	19.8
11 7	2 48.52	+ 2 53.3	1.972	2.945	4.5	19.7
11 17	2 39.84	+ 2 50.5	1.984	2.931	6.7	19.8
11 27	2 32.05	+ 3 1.5	2.023	2.918	9.8	20.0
12 7	2 25.91	+ 3 26.8	2.086	2.904	12.8	20.2
447480 2006 QA_{184} 11 6.9 16°.54 1°.9/ 8.0 18						
9 28	3 17.29	+21 28.3	1.832	2.614	16.5	21.5
10 8	3 13.43	+21 46.2	1.747	2.615	13.3	21.3
10 18	3 6.89	+21 53.2	1.683	2.616	9.6	21.0
10 28	2 58.27	+21 48.5	1.644	2.618	5.4	20.8
11 7	2 48.52	+21 33.3	1.631	2.619	2.0	20.6
11 17	2 38.83	+21 10.5	1.646	2.621	4.6	20.8
11 27	2 30.39	+20 44.9	1.689	2.623	8.7	21.0
12 7	2 24.14	+20 22.0	1.757	2.625	12.5	21.3
45119 1999 XA_{86} 11 6.9 180°.21 2°.6/ 9.6 18						
9 28	3 14.49	+27 59.2	2.999	3.730	11.8	18.9
10 8	3 10.11	+27 54.4	2.901	3.731	9.7	18.7
10 18	3 3.99	+27 38.0	2.824	3.732	7.3	18.5
10 28	2 56.59	+27 9.8	2.774	3.732	4.7	18.4
11 7	2 48.54	+26 30.7	2.752	3.732	2.7	18.2
11 17	2 40.56	+25 43.1	2.762	3.731	3.5	18.3
11 27	2 33.37	+24 51.0	2.801	3.730	5.9	18.5
12 7	2 27.56	+23 58.8	2.869	3.728	8.5	18.6
70080 1999 JN_{61} 11 6.9 95°.03 0°.2/ 6.7 18						
9 28	3 20.26	+19 4.3	1.484	2.283	18.9	18.7
10 8	3 15.96	+18 31.2	1.421	2.301	15.0	18.5
10 18	3 8.62	+17 43.8	1.377	2.319	10.4	18.3
10 28	2 59.06	+16 44.8	1.357	2.337	5.2	18.0
11 7	2 48.51	+15 39.5	1.363	2.354	0.3	17.7
11 17	2 38.38	+14 34.9	1.397	2.371	5.4	18.1
11 27	2 29.96	+13 38.6	1.458	2.387	10.2	18.5
12 7	2 24.11	+12 56.5	1.542	2.403	14.3	18.8
373441 1999 TB_{328} 11 6.9 21°.35 2°.4/ 8.1 18						
9 28	3 10.71	+22 50.0	0.894	1.742	24.7	19.8
10 8	3 10.18	+22 52.2	0.849	1.754	19.9	19.6
10 18	3 5.53	+22 31.2	0.818	1.769	14.2	19.3
10 28	2 57.74	+21 48.1	0.806	1.785	7.9	19.0
11 7	2 48.53	+20 48.2	0.814	1.804	2.5	18.8
11 17	2 39.87	+19 41.3	0.845	1.824	6.4	19.1
11 27	2 33.53	+18 39.1	0.898	1.846	12.2	19.5
12 7	2 30.56	+17 50.9	0.971	1.870	17.2	19.9
436447 2011 CE_{54} 11 6.9 187°.09 0°.0/ 6.8 18						
9 28	3 19.08	+18 24.3	1.896	2.680	15.9	22.8
10 8	3 14.64	+18 5.6	1.808	2.680	12.7	22.6
10 18	3 7.61	+17 35.9	1.741	2.680	8.9	22.3
10 28	2 58.59	+16 56.5	1.700	2.679	4.6	22.1
11 7	2 48.53	+16 10.6	1.686	2.677	0.1	21.7
11 17	2 38.55	+15 23.1	1.701	2.674	4.7	22.1
11 27	2 29.81	+14 39.7	1.745	2.672	9.0	22.3
12 7	2 23.17	+14 5.4	1.814	2.668	12.8	22.6

518674 2008 TS_{192} 11 6.9 78°.89 2°.4/ 5.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 16.61	+12 21.2	1.689	2.498	16.6	21.2
10 8	3 12.83	+11 51.7	1.614	2.502	13.1	21.0
10 18	3 6.41	+11 15.1	1.559	2.506	9.1	20.8
10 28	2 57.97	+10 34.9	1.529	2.509	4.7	20.5
11 7	2 48.54	+ 9 56.0	1.526	2.513	2.5	20.4
11 17	2 39.26	+ 9 23.5	1.551	2.517	6.0	20.6
11 27	2 31.31	+ 9 2.2	1.602	2.521	10.3	20.9
12 7	2 25.54	+ 8 55.1	1.677	2.525	14.0	21.1

443519 2014 JV_{59} 11 6.9 32°.18 3°.9/ 4.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 14.61	+ 8 10.9	1.816	2.629	15.4	20.9
10 8	3 11.01	+ 7 27.0	1.741	2.631	12.2	20.7
10 18	3 5.03	+ 6 39.1	1.688	2.633	8.6	20.5
10 28	2 57.23	+ 5 52.0	1.659	2.635	5.1	20.3
11 7	2 48.55	+ 5 11.2	1.657	2.637	4.1	20.3
11 17	2 40.01	+ 4 41.7	1.684	2.639	6.9	20.5
11 27	2 32.64	+ 4 27.2	1.736	2.642	10.5	20.7
12 7	2 27.23	+ 4 29.6	1.813	2.644	13.9	20.9

37968 1998 HB_{94} 11 6.9 175°.75 0°.0/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 16.15	+20 28.9	2.108	2.885	14.7	19.4
10 8	3 11.99	+19 43.2	2.019	2.887	11.8	19.2
10 18	3 5.57	+18 44.2	1.952	2.889	8.2	19.0
10 28	2 57.47	+17 33.9	1.912	2.890	4.2	18.8
11 7	2 48.55	+16 16.6	1.900	2.891	0.0	18.4
11 17	2 39.76	+14 58.2	1.918	2.891	4.3	18.8
11 27	2 32.10	+13 45.2	1.965	2.890	8.3	19.0
12 7	2 26.27	+12 43.1	2.039	2.890	11.8	19.3

181105 2005 QO_{72} 11 6.9 69°.94 2°.9/ 9.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 16.18	+25 49.3	2.031	2.794	15.7	20.2
10 8	3 12.27	+25 58.1	1.948	2.800	12.8	20.0
10 18	3 5.92	+25 53.1	1.885	2.807	9.5	19.8
10 28	2 57.70	+25 33.5	1.847	2.813	5.9	19.6
11 7	2 48.54	+25 0.4	1.836	2.820	3.1	19.5
11 17	2 39.51	+24 17.2	1.854	2.826	4.5	19.6
11 27	2 31.67	+23 29.3	1.899	2.833	7.9	19.8
12 7	2 25.83	+22 42.9	1.971	2.839	11.3	20.0

326807 2003 SK_{393} 11 6.9 320°.69 3°.1/ 4.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 12.71	+ 8 36.4	2.233	3.036	13.2	21.1
10 8	3 9.10	+ 8 2.4	2.148	3.033	10.4	20.9
10 18	3 3.50	+ 7 25.0	2.086	3.029	7.3	20.7
10 28	2 56.42	+ 6 47.8	2.050	3.026	4.3	20.5
11 7	2 48.56	+ 6 14.9	2.042	3.023	3.3	20.5
11 17	2 40.77	+ 5 50.0	2.063	3.020	5.7	20.6
11 27	2 33.90	+ 5 36.6	2.112	3.017	8.9	20.8
12 7	2 28.60	+ 5 36.4	2.186	3.014	11.9	21.0

417283 2006 AL_{97} 11 6.9 285°.25 5°.6/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 16.92	− 0 26.2	2.229	3.025	13.5	20.4
10 8	3 12.37	− 0 49.7	2.147	3.020	10.9	20.2
10 18	3 5.74	− 1 9.5	2.086	3.015	8.2	20.1
10 28	2 57.55	− 1 21.2	2.052	3.010	6.1	19.9
11 7	2 48.55	− 1 20.9	2.046	3.005	5.7	19.9
11 17	2 39.62	− 1 6.0	2.068	3.001	7.6	20.0
11 27	2 31.65	− 0 35.3	2.118	2.996	10.3	20.2
12 7	2 25.34	+ 0 10.6	2.192	2.991	12.9	20.3

487431 2014 RR_{3} 11 6.9 48°.57 4°.7/ 3.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 12.30	+ 5 0.4	2.161	2.969	13.4	21.7
10 8	3 8.76	+ 4 2.6	2.086	2.972	10.7	21.5
10 18	3 3.24	+ 3 3.2	2.034	2.974	7.7	21.4
10 28	2 56.26	+ 2 7.2	2.009	2.977	5.2	21.2
11 7	2 48.58	+ 1 19.8	2.011	2.980	4.9	21.2
11 17	2 41.02	+ 0 45.6	2.042	2.983	7.1	21.3
11 27	2 34.42	+ 0 27.8	2.099	2.985	9.9	21.5
12 7	2 29.43	+ 0 27.3	2.181	2.988	12.7	21.7

244852 2003 UG_{145} 11 6.9 348°.43 1°.7/ 5.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 10.20	+16 20.0	1.398	2.226	18.4	19.9
10 8	3 8.47	+15 34.1	1.320	2.218	14.7	19.7
10 18	3 3.80	+14 33.9	1.260	2.212	10.1	19.4
10 28	2 56.80	+13 23.3	1.224	2.207	5.1	19.1
11 7	2 48.58	+12 9.1	1.213	2.202	1.8	18.9
11 17	2 40.44	+10 59.6	1.227	2.199	6.4	19.1
11 27	2 33.74	+10 3.1	1.266	2.196	11.4	19.4
12 7	2 29.45	+ 9 25.3	1.328	2.195	15.8	19.7

352833 2008 VN_{2} 11 6.9 65°.71 2°.2/ 7.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 25.19	+19 9.5	1.594	2.377	18.5	19.8
10 8	3 19.92	+20 1.8	1.526	2.394	14.9	19.6
10 18	3 11.50	+20 45.7	1.477	2.411	10.6	19.4
10 28	3 0.63	+21 19.1	1.453	2.428	5.9	19.2
11 7	2 48.54	+21 41.3	1.456	2.444	2.2	19.0
11 17	2 36.67	+21 53.7	1.488	2.461	5.1	19.2
11 27	2 26.47	+22 0.0	1.547	2.478	9.5	19.5
12 7	2 18.94	+22 5.4	1.630	2.495	13.4	19.8

169124 2001 PZ_{25} 11 6.9 347°.22 7°.0/ 2.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 11.72	+ 2 27.3	1.556	2.387	16.7	19.3
10 8	3 9.19	+ 1 23.2	1.484	2.380	13.5	19.1
10 18	3 4.03	+ 0 18.8	1.432	2.374	10.1	18.9
10 28	2 56.83	− 0 38.3	1.404	2.369	7.5	18.7
11 7	2 48.59	− 1 20.5	1.401	2.364	7.3	18.7
11 17	2 40.44	− 1 41.8	1.423	2.361	9.8	18.9
11 27	2 33.57	− 1 38.9	1.469	2.358	13.2	19.1
12 7	2 28.84	− 1 11.9	1.536	2.356	16.5	19.3

60421 2000 CZ_{31} 11 6.9 318°.04 1°.2/ 5.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 5.42	+11 32.3	4.366	5.150	7.5	19.5
10 8	3 2.37	+11 6.6	4.273	5.148	5.9	19.4
10 18	2 58.37	+10 38.2	4.206	5.147	4.0	19.2
10 28	2 53.67	+10 8.8	4.167	5.145	2.1	19.1
11 7	2 48.63	+ 9 40.1	4.158	5.143	1.3	19.0
11 17	2 43.62	+ 9 14.0	4.180	5.142	2.8	19.2
11 27	2 39.02	+ 8 52.3	4.232	5.140	4.7	19.3
12 7	2 35.17	+ 8 36.5	4.312	5.139	6.5	19.4

519936 2013 RC_{106} 11 6.9 344°.04 4°.7/ 9.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 19.01	+25 9.2	1.293	2.090	21.3	21.7
10 8	3 16.23	+25 56.0	1.215	2.086	17.6	21.4
10 18	3 9.71	+26 27.1	1.153	2.083	13.2	21.2
10 28	3 0.03	+26 38.7	1.112	2.080	8.5	20.9
11 7	2 48.55	+26 29.3	1.095	2.077	4.9	20.7
11 17	2 37.02	+26 1.4	1.102	2.075	6.7	20.8
11 27	2 27.31	+25 22.6	1.135	2.074	11.3	21.1
12 7	2 20.77	+24 42.3	1.189	2.073	15.9	21.3

64374 2001 UO_{115} 11 6.9 286°.21 1°.8/ 5.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 14.99	+15 7.2	1.613	2.424	17.1	19.8
10 8	3 11.87	+14 26.2	1.528	2.417	13.6	19.5
10 18	3 5.96	+13 33.7	1.462	2.409	9.4	19.3
10 28	2 57.86	+12 33.2	1.421	2.402	4.8	19.0
11 7	2 48.58	+11 30.2	1.406	2.395	2.0	18.8
11 17	2 39.36	+10 31.6	1.419	2.388	6.1	19.0
11 27	2 31.44	+ 9 44.3	1.458	2.381	10.7	19.3
12 7	2 25.79	+ 9 13.1	1.521	2.374	14.9	19.5

230175 2001 RC_{69} 11 6.9 18°.60 6°.4/10.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 14.19	+27 54.8	1.056	1.871	23.9	18.9
10 8	3 12.85	+28 52.9	1.001	1.880	19.9	18.7
10 18	3 7.47	+29 28.8	0.961	1.891	15.2	18.4
10 28	2 58.84	+29 37.7	0.940	1.904	10.3	18.2
11 7	2 48.58	+29 18.8	0.940	1.918	6.7	18.1
11 17	2 38.64	+28 36.4	0.962	1.934	7.7	18.2
11 27	2 30.95	+27 41.0	1.008	1.951	11.8	18.5
12 7	2 26.69	+26 44.3	1.074	1.970	16.2	18.8

189765 2002 BC_{11} 11 6.9 194°.12 5°.0/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 19.08	+36 8.5	3.132	3.810	12.3	20.5
10 8	3 13.93	+36 37.5	3.027	3.807	10.5	20.4
10 18	3 6.79	+36 53.5	2.943	3.804	8.6	20.2
10 28	2 58.11	+36 53.9	2.883	3.800	6.6	20.1
11 7	2 48.59	+36 38.0	2.851	3.796	5.2	20.0
11 17	2 39.06	+36 6.5	2.848	3.791	5.2	20.0
11 27	2 30.36	+35 22.8	2.876	3.785	6.7	20.1
12 7	2 23.20	+34 31.6	2.931	3.779	8.6	20.2

55768 1992 GH_{4} 11 6.9 105°.62 0°.5/ 7.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 20.13	+19 9.9	1.770	2.555	16.8	19.2
10 8	3 15.49	+19 2.8	1.699	2.570	13.4	19.0
10 18	3 8.17	+18 44.5	1.648	2.585	9.4	18.8
10 28	2 58.85	+18 16.1	1.622	2.600	4.9	18.5
11 7	2 48.60	+17 40.5	1.623	2.614	0.5	18.2
11 17	2 38.61	+17 2.1	1.654	2.628	4.6	18.6
11 27	2 30.05	+16 26.5	1.712	2.642	8.9	18.9
12 7	2 23.74	+15 58.8	1.795	2.655	12.7	19.1

75260 1999 XO_{10} 11 6.9 313°.91 4°.7/ 9.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 19.41	+25 58.9	1.436	2.221	20.1	18.7
10 8	3 16.26	+26 42.7	1.351	2.214	16.7	18.5
10 18	3 9.59	+27 11.4	1.283	2.208	12.6	18.2
10 28	2 59.96	+27 21.0	1.236	2.201	8.2	17.9
11 7	2 48.58	+27 10.2	1.214	2.195	4.9	17.7
11 17	2 37.10	+26 41.1	1.218	2.190	6.4	17.8
11 27	2 27.26	+26 0.5	1.247	2.184	10.8	18.1
12 7	2 20.36	+25 17.5	1.300	2.179	15.2	18.3

491569 2012 RO_{8} 11 6.9 105°.06 3°.5/ 9.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 20.31	+26 44.3	1.731	2.495	17.9	20.6
10 8	3 15.96	+26 54.2	1.656	2.508	14.7	20.4
10 18	3 8.68	+26 47.4	1.600	2.520	10.9	20.2
10 28	2 59.19	+26 22.6	1.567	2.532	6.8	20.0
11 7	2 48.61	+25 41.0	1.561	2.544	3.7	19.8
11 17	2 38.28	+24 47.0	1.583	2.556	5.1	20.0
11 27	2 29.48	+23 47.6	1.633	2.567	8.9	20.2
12 7	2 23.12	+22 50.7	1.708	2.578	12.6	20.5

208139 2000 EP_{32} 11 6.9 204°.64 2°.4/ 5.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 15.91	+10 53.5	2.291	3.083	13.3	21.3
10 8	3 11.61	+10 20.7	2.200	3.079	10.5	21.1
10 18	3 5.25	+ 9 42.8	2.133	3.075	7.3	20.9
10 28	2 57.35	+ 9 3.0	2.092	3.070	4.0	20.7
11 7	2 48.64	+ 8 25.0	2.080	3.065	2.5	20.6
11 17	2 39.97	+ 7 52.8	2.098	3.059	5.2	20.8
11 27	2 32.24	+ 7 30.2	2.144	3.053	8.6	21.0
12 7	2 26.13	+ 7 19.6	2.217	3.046	11.7	21.2

366166 2012 FR_{58} 11 6.9 49°.40 4°.6/ 3.1 18

9 28	3 11.69	+ 5 41.3	2.154	2.964	13.4	20.7
10 8	3 8.27	+ 4 38.2	2.084	2.970	10.6	20.5
10 18	3 2.90	+ 3 32.9	2.036	2.977	7.6	20.4
10 28	2 56.11	+ 2 30.6	2.014	2.983	5.1	20.2
11 7	2 48.65	+ 1 36.8	2.020	2.990	4.8	20.2
11 17	2 41.35	+ 0 56.2	2.055	2.997	7.0	20.4
11 27	2 35.01	+ 0 32.0	2.117	3.003	9.8	20.6
12 7	2 30.26	+ 0 25.5	2.202	3.011	12.5	20.8

128321 Philipdumont 11 6.9 160°.43 1°.4/ 5.9 18

9 28	3 19.06	+14 58.0	1.900	2.691	15.6	20.9
10 8	3 14.48	+14 26.7	1.820	2.697	12.4	20.7
10 18	3 7.42	+13 46.6	1.760	2.702	8.5	20.5
10 28	2 58.49	+13 0.4	1.727	2.707	4.3	20.2
11 7	2 48.63	+12 12.2	1.721	2.711	1.5	20.0
11 17	2 38.93	+11 27.2	1.745	2.714	5.2	20.3
11 27	2 30.47	+10 50.6	1.798	2.717	9.3	20.6
12 7	2 24.06	+10 26.2	1.875	2.719	12.9	20.8

212465 Goroshky 11 6.9 30°.11 5°.3/ 3.3 18

9 28	3 13.41	+ 6 1.0	1.671	2.493	16.1	20.0
10 8	3 10.23	+ 4 57.3	1.604	2.498	12.8	19.8
10 18	3 4.57	+ 3 50.7	1.558	2.503	9.2	19.6
10 28	2 57.05	+ 2 47.5	1.537	2.508	6.1	19.4
11 7	2 48.66	+ 1 54.8	1.542	2.514	5.6	19.4
11 17	2 40.46	+ 1 18.3	1.574	2.520	8.2	19.6
11 27	2 33.53	+ 1 2.0	1.631	2.527	11.7	19.8
12 7	2 28.64	+ 1 6.7	1.711	2.534	14.9	20.0

482609 2013 AE_{13} 11 6.9 276°.98 3°.0/ 4.9 18

9 28	3 15.39	+10 36.5	1.894	2.699	15.1	21.8
10 8	3 11.83	+10 1.9	1.796	2.682	12.1	21.5
10 18	3 5.79	+ 9 21.1	1.720	2.665	8.5	21.3
10 28	2 57.79	+ 8 37.7	1.669	2.648	4.7	21.0
11 7	2 48.65	+ 7 56.5	1.646	2.630	3.1	20.9
11 17	2 39.44	+ 7 22.5	1.650	2.612	6.3	21.1
11 27	2 31.26	+ 7 0.6	1.682	2.595	10.3	21.3
12 7	2 25.02	+ 6 53.8	1.738	2.577	14.0	21.5

359367 2009 VR_{38} 11 6.9 62°.25 1°.3/ 6.1 18

9 28	3 19.07	+12 5.8	2.076	2.865	14.5	20.1
10 8	3 14.07	+12 12.0	2.012	2.888	11.4	19.9
10 18	3 6.88	+12 14.3	1.970	2.912	7.8	19.7
10 28	2 58.11	+12 14.4	1.955	2.935	4.0	19.6
11 7	2 48.65	+12 14.4	1.968	2.958	1.3	19.4
11 17	2 39.45	+12 16.7	2.012	2.981	4.6	19.7
11 27	2 31.44	+12 23.7	2.083	3.004	8.1	20.0
12 7	2 25.29	+12 37.3	2.181	3.027	11.3	20.2

242874 2006 HX_{52} 11 6.9 152°.32 3°.5/ 4.5 18

9 28	3 18.21	+ 7 41.1	2.137	2.932	14.0	21.0
10 8	3 13.42	+ 7 6.4	2.061	2.940	11.1	20.8
10 18	3 6.48	+ 6 29.1	2.007	2.947	7.8	20.6
10 28	2 57.95	+ 5 53.0	1.979	2.953	4.6	20.4
11 7	2 48.66	+ 5 22.3	1.980	2.959	3.6	20.4
11 17	2 39.52	+ 5 0.9	2.011	2.965	6.1	20.6
11 27	2 31.46	+ 4 51.7	2.069	2.970	9.4	20.8
12 7	2 25.17	+ 4 56.3	2.153	2.974	12.4	21.0

184188 2004 PX_{17} 11 6.9 106°.85 0°.6/ 6.5 18

9 28	3 15.80	+15 40.6	2.232	3.018	13.8	20.8
10 8	3 11.53	+15 28.3	2.152	3.026	10.9	20.7
10 18	3 5.19	+15 9.0	2.095	3.035	7.5	20.5
10 28	2 57.31	+14 44.4	2.064	3.043	3.8	20.2
11 7	2 48.68	+14 17.2	2.061	3.052	0.6	20.0
11 17	2 40.18	+13 50.8	2.088	3.060	4.2	20.3
11 27	2 32.70	+13 28.9	2.144	3.068	7.8	20.5
12 7	2 26.91	+13 14.7	2.227	3.076	10.9	20.8

120284 2004 HO_{43} 11 6.9 122°.10 0°.3/ 6.7 18

9 28	3 19.47	+18 3.2	1.801	2.589	16.5	21.2
10 8	3 14.91	+17 38.8	1.728	2.602	13.1	21.0
10 18	3 7.75	+17 3.2	1.675	2.615	9.1	20.8
10 28	2 58.66	+16 18.5	1.648	2.627	4.6	20.6
11 7	2 48.66	+15 28.6	1.648	2.639	0.3	20.3
11 17	2 38.92	+14 38.7	1.678	2.651	4.8	20.6
11 27	2 30.56	+13 54.6	1.735	2.662	9.1	20.9
12 7	2 24.37	+13 21.2	1.818	2.672	12.8	21.2

312915 2011 VG_{14} 11 6.9 293°.88 0°.6/ 6.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 14.81	+16 49.7	1.921	2.717	15.3	21.2
10 8	3 11.25	+16 27.7	1.834	2.714	12.2	21.0
10 18	3 5.29	+15 55.9	1.769	2.711	8.5	20.8
10 28	2 57.47	+15 16.4	1.728	2.708	4.3	20.5
11 7	2 48.68	+14 32.7	1.715	2.705	0.6	20.2
11 17	2 39.96	+13 49.4	1.730	2.703	4.7	20.6
11 27	2 32.36	+13 11.9	1.773	2.700	8.9	20.8
12 7	2 26.69	+12 44.6	1.842	2.697	12.6	21.0

212852 2007 VM_{63} 11 6.9 295°.53 1°.6/ 5.9 18

9 28	3 16.34	+13 5.3	1.841	2.643	15.6	20.7
10 8	3 12.58	+12 52.7	1.754	2.637	12.4	20.5
10 18	3 6.29	+12 33.9	1.687	2.632	8.6	20.2
10 28	2 58.02	+12 11.1	1.646	2.626	4.4	20.0
11 7	2 48.69	+11 47.7	1.632	2.621	1.7	19.8
11 17	2 39.37	+11 27.7	1.646	2.615	5.4	20.0
11 27	2 31.20	+11 15.4	1.687	2.610	9.6	20.2
12 7	2 25.07	+11 13.7	1.753	2.605	13.3	20.5

283009 2007 UT_{50} 11 6.9 13°.21 4°.4/ 4.4 18

9 28	3 4.23	+12 43.7	0.930	1.802	22.0	19.0
10 8	3 4.59	+11 32.3	0.888	1.812	17.3	18.7
10 18	3 1.43	+10 8.5	0.862	1.825	11.8	18.5
10 28	2 55.64	+ 8 41.7	0.857	1.840	6.5	18.3
11 7	2 48.71	+ 7 23.7	0.873	1.858	4.7	18.3
11 17	2 42.21	+ 6 24.5	0.911	1.879	8.9	18.6
11 27	2 37.59	+ 5 51.3	0.971	1.901	13.8	18.9
12 7	2 35.73	+ 5 45.6	1.049	1.926	18.2	19.3

161367 2003 SP_{208} 11 6.9 134°.39 1°.9/ 8.4 18

9 28	3 18.18	+24 0.0	2.012	2.778	15.7	20.7
10 8	3 13.80	+23 49.8	1.931	2.787	12.7	20.5
10 18	3 6.96	+23 25.8	1.869	2.796	9.2	20.3
10 28	2 58.28	+22 48.0	1.833	2.804	5.3	20.1
11 7	2 48.70	+21 58.8	1.824	2.812	2.0	19.9
11 17	2 39.29	+21 2.4	1.845	2.820	4.2	20.1
11 27	2 31.13	+20 5.1	1.895	2.827	8.0	20.3
12 7	2 24.99	+19 12.8	1.970	2.833	11.5	20.5

281198 2007 ET_{223} 11 6.9 226°.00 1°.3/ 6.1 18

9 28	3 18.32	+14 33.3	1.871	2.666	15.7	21.2
10 8	3 14.15	+14 12.4	1.779	2.658	12.5	21.0
10 18	3 7.40	+13 43.3	1.708	2.651	8.7	20.8
10 28	2 58.61	+13 8.2	1.662	2.643	4.4	20.5
11 7	2 48.70	+12 30.8	1.644	2.634	1.4	20.3
11 17	2 38.79	+11 55.6	1.655	2.625	5.3	20.5
11 27	2 30.05	+11 27.7	1.694	2.616	9.6	20.8
12 7	2 23.36	+11 11.2	1.758	2.606	13.4	21.0

514604 2003 SW_{276} 11 6.9 63°.27 8°.2/12.2 18

9 28	3 23.75	+35 45.6	1.687	2.411	19.8	21.2
10 8	3 19.29	+36 55.7	1.620	2.429	17.0	21.1
10 18	3 11.37	+37 45.6	1.569	2.447	13.8	20.9
10 28	3 0.73	+38 9.4	1.540	2.465	10.7	20.8
11 7	2 48.69	+38 4.1	1.535	2.483	8.5	20.7
11 17	2 36.87	+37 31.2	1.556	2.501	8.5	20.7
11 27	2 26.86	+36 37.5	1.603	2.519	10.4	20.9
12 7	2 19.78	+35 33.2	1.674	2.537	13.2	21.1

268752 2006 QX_{110} 11 6.9 301°.02 16°.7/11.8 18

9 28	3 31.94	+44 56.1	1.514	2.190	23.4	20.1
10 8	3 28.91	+47 52.2	1.420	2.170	21.7	19.9
10 18	3 20.63	+50 35.0	1.341	2.151	19.7	19.7
10 28	3 6.87	+52 49.9	1.281	2.131	17.9	19.5
11 7	2 48.64	+54 21.6	1.241	2.112	16.8	19.4
11 17	2 28.49	+54 59.2	1.222	2.093	16.9	19.3
11 27	2 10.09	+54 43.0	1.223	2.074	18.1	19.4
12 7	1 56.53	+53 45.8	1.243	2.056	20.1	19.4

178596 2000 BF_{6} 11 6.9 323°.39 4°.4/ 5.2 18

9 28	3 20.16	+ 4 42.6	1.595	2.407	17.2	19.7
10 8	3 16.07	+ 4 47.4	1.508	2.395	13.9	19.5
10 18	3 9.02	+ 4 54.7	1.441	2.384	10.0	19.2
10 28	2 59.57	+ 5 8.2	1.398	2.373	6.1	19.0
11 7	2 48.74	+ 5 31.5	1.382	2.362	4.5	18.9
11 17	2 37.85	+ 6 6.8	1.392	2.352	7.5	19.0
11 27	2 28.26	+ 6 55.4	1.430	2.343	11.7	19.2
12 7	2 21.04	+ 7 56.9	1.490	2.334	15.7	19.5

439534 2014 CR_{11} 11 6.9 244°.46 1°.8/ 5.7 18

9 28	3 17.50	+13 25.3	1.887	2.685	15.5	22.1
10 8	3 13.51	+12 59.3	1.792	2.674	12.3	21.8
10 18	3 6.98	+12 25.7	1.719	2.662	8.6	21.6
10 28	2 58.43	+11 46.9	1.670	2.650	4.4	21.3
11 7	2 48.75	+11 7.1	1.649	2.638	1.9	21.1
11 17	2 39.04	+10 31.0	1.657	2.625	5.6	21.3
11 27	2 30.44	+10 3.7	1.693	2.612	9.8	21.6
12 7	2 23.84	+ 9 48.9	1.754	2.599	13.6	21.8

337286 2000 WQ_{111} 11 6.9 10°.41 0°.4/ 7.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 14.69	+15 4.9	1.058	1.901	22.0	19.0
10 8	3 12.93	+15 46.3	0.999	1.904	17.6	18.7
10 18	3 7.41	+16 20.4	0.957	1.910	12.4	18.4
10 28	2 58.86	+16 47.1	0.935	1.917	6.4	18.2
11 7	2 48.75	+17 7.4	0.936	1.927	0.4	17.8
11 17	2 38.86	+17 23.9	0.960	1.938	6.2	18.2
11 27	2 30.97	+17 40.8	1.008	1.951	11.9	18.6
12 7	2 26.26	+18 2.6	1.076	1.966	16.7	18.9

513944 2014 DJ_{107} 11 6.9 185°.81 2°.1/ 8.5 18

9 28	3 18.94	+23 53.1	2.171	2.931	14.9	22.3
10 8	3 14.36	+23 56.0	2.078	2.931	12.1	22.2
10 18	3 7.39	+23 46.7	2.006	2.930	8.8	21.9
10 28	2 58.56	+23 24.6	1.960	2.929	5.2	21.7
11 7	2 48.76	+22 51.2	1.941	2.928	2.2	21.5
11 17	2 39.00	+22 9.4	1.952	2.926	4.1	21.7
11 27	2 30.34	+21 24.4	1.992	2.923	7.8	21.9
12 7	2 23.61	+20 41.9	2.059	2.920	11.2	22.1

492901 2014 QM_{428} 11 6.9 34°.98 4°.6/10.7 18

9 28	3 15.45	+31 9.3	2.162	2.900	15.5	21.5
10 8	3 11.78	+31 26.4	2.074	2.903	13.0	21.4
10 18	3 5.67	+31 27.4	2.006	2.907	10.1	21.2
10 28	2 57.71	+31 10.5	1.962	2.911	7.1	21.0
11 7	2 48.78	+30 35.7	1.944	2.915	4.8	20.9
11 17	2 39.93	+29 46.0	1.954	2.919	5.2	20.9
11 27	2 32.25	+28 46.7	1.993	2.923	7.8	21.1
12 7	2 26.53	+27 44.8	2.057	2.927	10.8	21.3

21571 Naegeli 11 6.9 126°.97 0°.5/ 7.3 18

9 28	3 15.94	+20 22.2	1.948	2.731	15.6	18.1
10 8	3 12.09	+19 56.9	1.865	2.736	12.4	17.9
10 18	3 5.83	+19 19.1	1.804	2.741	8.7	17.7
10 28	2 57.75	+18 30.3	1.768	2.745	4.6	17.4
11 7	2 48.78	+17 34.0	1.759	2.750	0.5	17.1
11 17	2 39.95	+16 35.3	1.780	2.754	4.3	17.4
11 27	2 32.32	+15 40.2	1.828	2.758	8.4	17.7
12 7	2 26.66	+14 54.2	1.903	2.762	12.1	17.9

180023 2003 AU_{16} 11 6.9 18°.28 21°.0/21.5 17

9 28	3 27.75	+52 36.6	1.095	1.779	30.4	19.5
10 8	3 27.30	+55 21.8	1.037	1.781	28.4	19.3
10 18	3 20.26	+57 34.4	0.990	1.783	26.3	19.1
10 28	3 6.67	+58 57.3	0.953	1.785	24.0	19.0
11 7	2 48.70	+59 14.8	0.931	1.788	22.2	18.9
11 17	2 30.45	+58 19.8	0.923	1.792	21.2	18.8
11 27	2 16.36	+56 20.6	0.931	1.796	21.2	18.9
12 7	2 8.93	+53 38.6	0.956	1.800	22.4	19.0

326561 2002 PZ_{174} 11 6.9 67°.50 2°.0/ 5.5 18

9 28	3 14.70	+11 21.1	2.253	3.048	13.4	21.0
10 8	3 10.57	+11 2.1	2.181	3.061	10.5	20.8
10 18	3 4.49	+10 39.0	2.132	3.075	7.2	20.6
10 28	2 56.98	+10 14.3	2.109	3.088	3.8	20.4
11 7	2 48.81	+ 9 51.4	2.115	3.102	2.0	20.3
11 17	2 40.80	+ 9 33.2	2.151	3.116	4.8	20.5
11 27	2 33.79	+ 9 23.0	2.214	3.129	8.0	20.8
12 7	2 28.39	+ 9 22.5	2.304	3.143	11.0	21.0

324145 2005 YZ_{123} 11 6.9 248°.21 1°.7/ 5.6 17

9 28	3 14.66	+11 51.3	2.500	3.288	12.4	20.9
10 8	3 10.56	+11 32.3	2.401	3.277	9.8	20.7
10 18	3 4.56	+11 8.7	2.324	3.265	6.8	20.5
10 28	2 57.08	+10 42.7	2.275	3.253	3.6	20.3
11 7	2 48.81	+10 17.3	2.254	3.241	1.8	20.1
11 17	2 40.51	+ 9 55.4	2.264	3.229	4.5	20.3
11 27	2 33.01	+ 9 40.5	2.302	3.216	7.8	20.5
12 7	2 26.97	+ 9 34.8	2.367	3.203	10.9	20.7

450964 2008 KG_{39} 11 6.9 15°.92 6°.0/ 2.5 18

9 28	3 12.40	+ 2 31.3	1.930	2.746	14.5	20.8
10 8	3 9.13	+ 1 26.9	1.860	2.748	11.7	20.7
10 18	3 3.69	+ 0 22.6	1.813	2.750	8.7	20.5
10 28	2 56.64	− 0 35.5	1.790	2.752	6.4	20.4
11 7	2 48.81	− 1 21.2	1.794	2.755	6.2	20.4
11 17	2 41.13	− 1 49.6	1.825	2.758	8.4	20.5
11 27	2 34.50	− 1 57.9	1.882	2.762	11.3	20.7
12 7	2 29.65	− 1 45.9	1.962	2.765	14.1	20.9

328778 2009 UL_{136} 11 6.9 322°.88 14°.0/25.3 18

9 28	3 15.28	−24 47.7	2.083	2.828	15.9	19.5
10 8	3 11.45	−26 16.9	2.030	2.816	14.8	19.4
10 18	3 5.33	−27 27.1	1.996	2.804	14.1	19.3
10 28	2 57.48	−28 9.8	1.982	2.793	14.0	19.3
11 7	2 48.81	−28 18.7	1.988	2.783	14.5	19.3
11 17	2 40.29	−27 51.1	2.015	2.772	15.5	19.4
11 27	2 32.92	−26 48.2	2.060	2.762	16.7	19.5
12 7	2 27.43	−25 14.4	2.122	2.753	18.0	19.6

13363 1998 UR_{16} 11 6.9 104°.61 0°.7/ 6.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 14.74	+15 29.4	2.465	3.248	12.7	18.5
10 8	3 10.48	+15 11.6	2.388	3.260	10.0	18.3
10 18	3 4.37	+14 47.3	2.333	3.272	6.9	18.1
10 28	2 56.91	+14 18.3	2.305	3.284	3.5	17.9
11 7	2 48.82	+13 47.4	2.306	3.296	0.7	17.7
11 17	2 40.87	+13 17.8	2.337	3.308	3.9	18.0
11 27	2 33.84	+12 52.9	2.398	3.320	7.2	18.2
12 7	2 28.33	+12 35.5	2.485	3.331	10.1	18.4

511957 2015 KQ_{7} 11 6.9 278°.74 2°.3/ 8.4 18

9 28	3 16.39	+24 44.2	1.555	2.342	18.7	21.4
10 8	3 13.54	+24 30.1	1.457	2.327	15.4	21.1
10 18	3 7.54	+23 56.8	1.378	2.311	11.3	20.8
10 28	2 58.93	+23 3.5	1.322	2.295	6.6	20.5
11 7	2 48.80	+21 52.6	1.291	2.279	2.4	20.2
11 17	2 38.58	+20 30.0	1.287	2.263	5.3	20.4
11 27	2 29.77	+19 5.4	1.309	2.247	10.3	20.6
12 7	2 23.52	+17 48.6	1.356	2.231	15.0	20.8

269564 2009 WW_{73} 11 6.9 333°.97 1°.2/ 6.1 16

9 28	3 12.17	+14 41.2	1.954	2.758	14.8	20.8
10 8	3 9.20	+14 22.7	1.863	2.748	11.8	20.6
10 18	3 3.93	+13 56.5	1.794	2.739	8.2	20.3
10 28	2 56.86	+13 24.7	1.749	2.730	4.1	20.1
11 7	2 48.83	+12 51.0	1.732	2.721	1.2	19.8
11 17	2 40.79	+12 19.6	1.742	2.714	4.9	20.1
11 27	2 33.76	+11 54.9	1.781	2.706	8.9	20.3
12 7	2 28.56	+11 40.7	1.843	2.699	12.6	20.5

179116 2001 SH_{245} 11 6.9 160°.17 1°.0/ 7.6 18

9 28	3 16.77	+19 50.3	2.065	2.845	14.9	20.8
10 8	3 12.70	+19 53.1	1.978	2.845	12.0	20.6
10 18	3 6.27	+19 46.2	1.911	2.846	8.5	20.4
10 28	2 58.02	+19 30.0	1.870	2.847	4.6	20.1
11 7	2 48.82	+19 6.2	1.857	2.847	1.0	19.9
11 17	2 39.67	+18 38.1	1.873	2.847	4.1	20.1
11 27	2 31.61	+18 10.1	1.917	2.848	8.0	20.3
12 7	2 25.44	+17 46.8	1.987	2.848	11.5	20.6

14109 1998 OM_{14} 11 6.9 0°.71 10°.1/31.9 18

9 28	3 8.24	− 0 33.9	1.201	2.054	19.2	17.2
10 8	3 7.13	− 2 11.4	1.145	2.051	15.8	17.0
10 18	3 2.97	− 3 46.3	1.108	2.049	12.5	16.8
10 28	2 56.48	− 5 6.8	1.092	2.049	10.3	16.7
11 7	2 48.83	− 6 1.9	1.098	2.050	10.6	16.7
11 17	2 41.39	− 6 24.2	1.127	2.053	13.1	16.9
11 27	2 35.50	− 6 11.2	1.176	2.057	16.4	17.1
12 7	2 32.08	− 5 25.8	1.244	2.063	19.7	17.3

517284 2014 GU_{56} 11 6.9 282°.97 2°.3/ 5.9 18

9 28	3 21.35	+ 9 29.7	1.774	2.572	16.3	21.4
10 8	3 16.73	+ 9 41.3	1.684	2.565	13.0	21.1
10 18	3 9.33	+ 9 51.3	1.615	2.557	9.1	20.9
10 28	2 59.71	+10 2.0	1.571	2.550	4.9	20.6
11 7	2 48.82	+10 15.4	1.555	2.542	2.3	20.4
11 17	2 37.88	+10 34.0	1.567	2.535	5.8	20.7
11 27	2 28.16	+10 59.9	1.608	2.528	10.2	20.9
12 7	2 20.65	+11 34.6	1.673	2.520	14.0	21.1

89127 2001 UX_{3} 11 6.9 153°.84 1°.0/ 6.3 18

9 28	3 20.30	+14 26.0	1.862	2.653	15.9	19.5
10 8	3 15.62	+14 19.0	1.781	2.658	12.6	19.3
10 18	3 8.34	+14 5.1	1.721	2.662	8.8	19.1
10 28	2 59.09	+13 46.0	1.687	2.667	4.4	18.9
11 7	2 48.82	+13 24.7	1.680	2.671	1.1	18.6
11 17	2 38.68	+13 4.8	1.703	2.674	5.0	18.9
11 27	2 29.79	+12 50.6	1.754	2.677	9.2	19.2
12 7	2 23.02	+12 45.4	1.830	2.680	12.9	19.4

118112 2665 $T\text{-}_{3}$ 11 6.9 20°.19 0°.3/ 7.1 18

9 28	3 9.79	+19 7.2	0.799	1.664	25.3	18.7
10 8	3 9.75	+18 58.8	0.758	1.676	20.2	18.4
10 18	3 5.44	+18 30.4	0.731	1.690	14.1	18.2
10 28	2 57.87	+17 45.3	0.722	1.706	7.2	17.9
11 7	2 48.83	+16 50.9	0.734	1.725	0.3	17.5
11 17	2 40.38	+15 56.9	0.766	1.745	6.9	18.0
11 27	2 34.34	+15 13.9	0.820	1.768	13.1	18.5
12 7	2 31.75	+14 48.7	0.892	1.792	18.3	18.9

425168 2009 TD_{18} 11 6.9 68°.82 2°.9/ 8.5 17

9 28	3 24.82	+23 22.3	1.409	2.193	20.4	21.0
10 8	3 19.85	+23 46.1	1.355	2.222	16.5	20.8
10 18	3 11.50	+23 54.3	1.320	2.250	11.9	20.6
10 28	3 0.69	+23 45.5	1.307	2.278	6.9	20.4
11 7	2 48.82	+23 21.1	1.320	2.306	3.0	20.2
11 17	2 37.49	+22 45.8	1.360	2.334	5.4	20.4
11 27	2 28.15	+22 7.0	1.426	2.362	9.8	20.8
12 7	2 21.72	+21 32.0	1.517	2.389	13.8	21.1

481039 2005 EE_{41} 11 6.9 271°.62 5°.4/ 3.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 18.17	+ 2 57.7	1.940	2.743	14.9	21.3
10 8	3 13.98	+ 2 23.7	1.844	2.724	12.1	21.0
10 18	3 7.31	+ 1 50.0	1.768	2.704	8.9	20.8
10 28	2 58.65	+ 1 21.5	1.718	2.685	6.2	20.6
11 7	2 48.84	+ 1 3.5	1.696	2.665	5.6	20.5
11 17	2 38.93	+ 1 0.2	1.701	2.644	8.0	20.6
11 27	2 30.02	+ 1 14.4	1.733	2.624	11.4	20.8
12 7	2 23.03	+ 1 46.7	1.789	2.603	14.8	21.0

484426 2008 AM_{22} 11 6.9 322°.16 7°.1/ 2.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 12.76	+ 1 42.6	1.609	2.435	16.5	21.3
10 8	3 10.13	+ 0 42.6	1.525	2.418	13.4	21.1
10 18	3 4.84	− 0 17.7	1.462	2.401	10.2	20.9
10 28	2 57.44	− 1 10.9	1.422	2.385	7.6	20.7
11 7	2 48.85	− 1 49.3	1.408	2.370	7.5	20.7
11 17	2 40.22	− 2 6.7	1.419	2.355	10.0	20.8
11 27	2 32.77	− 1 59.7	1.453	2.341	13.5	20.9
12 7	2 27.45	− 1 28.1	1.510	2.327	16.9	21.1

328402 2008 SF_{34} 11 6.9 26°.56 3°.0/ 4.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 11.71	+10 35.3	1.964	2.775	14.5	20.2
10 8	3 8.57	+ 9 50.9	1.893	2.783	11.4	20.0
10 18	3 3.30	+ 9 1.1	1.844	2.790	7.9	19.8
10 28	2 56.45	+ 8 10.1	1.820	2.799	4.4	19.6
11 7	2 48.85	+ 7 23.0	1.824	2.807	3.1	19.6
11 17	2 41.42	+ 6 44.4	1.856	2.817	5.9	19.8
11 27	2 35.06	+ 6 18.5	1.915	2.826	9.3	20.0
12 7	2 30.44	+ 6 7.4	1.999	2.836	12.5	20.2

398447 2011 UO_{52} 11 6.9 34°.91 2°.0/ 5.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 15.87	+12 37.7	1.642	2.454	16.8	21.0
10 8	3 12.35	+12 20.0	1.572	2.461	13.3	20.8
10 18	3 6.18	+11 55.8	1.523	2.470	9.2	20.6
10 28	2 58.00	+11 28.3	1.497	2.478	4.7	20.4
11 7	2 48.85	+11 1.4	1.499	2.487	2.1	20.2
11 17	2 39.90	+10 39.8	1.527	2.496	5.7	20.5
11 27	2 32.29	+10 27.8	1.583	2.506	10.0	20.7
12 7	2 26.88	+10 28.0	1.662	2.516	13.8	21.0

99525 2002 EW_{70} 11 6.9 106°.35 2°.9/ 8.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 23.38	+24 45.0	1.594	2.366	18.9	19.8
10 8	3 18.56	+24 54.5	1.525	2.384	15.4	19.7
10 18	3 10.60	+24 47.9	1.475	2.401	11.2	19.4
10 28	3 0.28	+24 24.1	1.448	2.418	6.7	19.2
11 7	2 48.84	+23 44.7	1.448	2.434	3.0	19.0
11 17	2 37.74	+22 54.4	1.476	2.450	5.1	19.2
11 27	2 28.36	+22 0.7	1.532	2.466	9.4	19.5
12 7	2 21.63	+21 11.3	1.612	2.481	13.3	19.8

224735 2006 DR_{1} 11 6.9 298°.33 2°.6/ 8.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 16.32	+24 22.8	2.295	3.053	14.2	20.1
10 8	3 12.25	+24 43.0	2.201	3.051	11.6	19.9
10 18	3 5.94	+24 52.6	2.128	3.049	8.6	19.7
10 28	2 57.88	+24 50.4	2.080	3.046	5.3	19.5
11 7	2 48.88	+24 37.1	2.060	3.044	2.7	19.4
11 17	2 39.86	+24 14.6	2.070	3.042	4.1	19.5
11 27	2 31.82	+23 46.9	2.108	3.040	7.4	19.7
12 7	2 25.55	+23 18.8	2.173	3.037	10.5	19.9

91707 1999 TH_{146} 11 6.9 114°.04 0°.6/ 7.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 14.62	+20 4.4	2.250	3.027	13.9	20.0
10 8	3 10.74	+19 50.5	2.164	3.031	11.1	19.8
10 18	3 4.77	+19 26.5	2.100	3.035	7.8	19.6
10 28	2 57.22	+18 53.3	2.061	3.038	4.1	19.4
11 7	2 48.88	+18 13.6	2.051	3.042	0.6	19.1
11 17	2 40.64	+17 31.1	2.071	3.045	3.8	19.4
11 27	2 33.39	+16 50.3	2.119	3.049	7.5	19.6
12 7	2 27.83	+16 15.7	2.194	3.052	10.7	19.8

202527 2006 DP_{8} 11 6.9 28°.60 10°.3/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 12.76	− 0 56.2	1.097	1.949	20.8	19.2
10 8	3 10.60	− 2 36.9	1.063	1.967	16.9	19.0
10 18	3 5.20	− 4 10.7	1.047	1.987	13.2	18.9
10 28	2 57.49	− 5 25.4	1.052	2.008	10.7	18.8
11 7	2 48.88	− 6 11.1	1.079	2.030	10.7	18.9
11 17	2 40.83	− 6 22.5	1.128	2.054	13.1	19.1
11 27	2 34.62	− 5 59.5	1.198	2.079	16.2	19.4
12 7	2 31.06	− 5 6.9	1.287	2.104	19.3	19.6

86935 2000 HO_{69} 11 6.9 74°.52 2°.0/ 5.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 18.94	+14 10.9	1.527	2.336	18.0	19.7
10 8	3 14.81	+13 36.3	1.468	2.355	14.2	19.5
10 18	3 7.84	+12 52.8	1.428	2.374	9.7	19.3
10 28	2 58.81	+12 4.0	1.413	2.394	4.9	19.1
11 7	2 48.88	+11 15.5	1.424	2.413	2.1	18.9
11 17	2 39.33	+10 33.2	1.463	2.432	6.0	19.2
11 27	2 31.36	+10 2.4	1.528	2.451	10.4	19.5
12 7	2 25.79	+ 9 46.6	1.617	2.470	14.2	19.8

479531 2014 BW_{36} 11 6.9 308°.57 5°.0/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 14.46	+ 7 53.7	1.498	2.324	17.5	20.9
10 8	3 11.68	+ 6 57.3	1.417	2.314	14.0	20.7
10 18	3 6.02	+ 5 54.8	1.355	2.303	10.0	20.4
10 28	2 58.08	+ 4 52.5	1.317	2.293	6.2	20.2
11 7	2 48.88	+ 3 57.8	1.305	2.283	5.3	20.1
11 17	2 39.70	+ 3 18.1	1.319	2.273	8.5	20.3
11 27	2 31.86	+ 2 58.8	1.357	2.264	12.7	20.5
12 7	2 26.34	+ 3 1.9	1.417	2.255	16.7	20.7

483170 2015 PD_{42} 11 6.9 326°.26 5°.1/ 9.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 19.79	+27 0.9	1.703	2.469	18.1	20.8
10 8	3 16.13	+27 57.9	1.612	2.462	15.2	20.5
10 18	3 9.32	+28 42.2	1.540	2.455	11.6	20.3
10 28	2 59.88	+29 9.9	1.491	2.449	7.9	20.1
11 7	2 48.87	+29 18.7	1.467	2.443	5.3	19.9
11 17	2 37.71	+29 9.3	1.471	2.437	6.3	20.0
11 27	2 27.90	+28 46.4	1.500	2.432	9.8	20.1
12 7	2 20.64	+28 17.4	1.555	2.427	13.5	20.4

289698 2005 GL_{181} 11 6.9 145°.91 0°.8/ 6.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 16.99	+15 20.7	1.981	2.773	15.1	21.0
10 8	3 12.87	+15 6.2	1.898	2.775	12.0	20.8
10 18	3 6.38	+14 44.1	1.836	2.778	8.3	20.6
10 28	2 58.10	+14 16.2	1.800	2.780	4.2	20.4
11 7	2 48.89	+13 45.5	1.792	2.783	0.9	20.1
11 17	2 39.78	+13 16.2	1.813	2.785	4.7	20.4
11 27	2 31.80	+12 52.5	1.862	2.787	8.7	20.7
12 7	2 25.74	+12 38.0	1.937	2.789	12.2	20.9

230604 2003 FV_{25} 11 6.9 41°.44 4°.5/ 4.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 14.52	+11 4.4	1.269	2.104	19.5	19.0
10 8	3 11.77	+ 9 51.0	1.218	2.120	15.3	18.8
10 18	3 5.95	+ 8 29.0	1.186	2.138	10.6	18.6
10 28	2 57.90	+ 7 6.2	1.176	2.156	6.1	18.4
11 7	2 48.90	+ 5 51.6	1.192	2.174	4.7	18.4
11 17	2 40.34	+ 4 53.6	1.233	2.193	8.2	18.6
11 27	2 33.50	+ 4 17.9	1.299	2.213	12.6	18.9
12 7	2 29.20	+ 4 6.2	1.386	2.233	16.4	19.2

277641 2006 BR_{109} 11 6.9 120°.91 3°.9/10.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 16.59	+29 15.9	2.397	3.133	14.2	20.7
10 8	3 12.42	+29 36.8	2.306	3.136	11.9	20.5
10 18	3 6.02	+29 44.3	2.236	3.140	9.1	20.3
10 28	2 57.91	+29 37.0	2.190	3.143	6.2	20.2
11 7	2 48.91	+29 14.8	2.172	3.146	4.1	20.0
11 17	2 39.95	+28 40.0	2.183	3.149	4.6	20.1
11 27	2 32.02	+27 56.9	2.223	3.152	7.2	20.3
12 7	2 25.86	+27 11.1	2.290	3.155	10.1	20.4

484919 2009 SH_{51} 11 6.9 349°.60 3°.5/ 9.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 16.72	+25 9.7	1.970	2.737	16.0	20.8
10 8	3 13.05	+25 44.9	1.880	2.734	13.2	20.6
10 18	3 6.77	+26 8.5	1.810	2.731	9.8	20.4
10 28	2 58.42	+26 18.4	1.764	2.728	6.3	20.2
11 7	2 48.91	+26 14.4	1.745	2.726	3.6	20.0
11 17	2 39.35	+25 58.3	1.754	2.725	4.9	20.1
11 27	2 30.95	+25 34.3	1.790	2.723	8.3	20.3
12 7	2 24.62	+25 8.2	1.852	2.723	11.8	20.5

365354 2009 SK_{328} 11 6.9 74°.13 1°.1/ 7.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 17.78	+19 57.3	2.205	2.977	14.3	20.7
10 8	3 13.18	+20 8.9	2.131	2.994	11.4	20.5
10 18	3 6.41	+20 11.6	2.080	3.012	8.1	20.4
10 28	2 58.04	+20 5.7	2.054	3.029	4.4	20.2
11 7	2 48.91	+19 52.6	2.057	3.046	1.2	20.0
11 17	2 39.95	+19 35.0	2.089	3.063	3.8	20.2
11 27	2 32.10	+19 16.6	2.150	3.081	7.3	20.4
12 7	2 26.04	+19 1.2	2.238	3.098	10.5	20.7

42766 1998 SN_{143} 11 6.9 72°.49 2°.2/ 5.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 12.45	+12 42.0	2.226	3.025	13.4	19.0
10 8	3 8.91	+11 51.6	2.148	3.031	10.5	18.8
10 18	3 3.42	+10 54.4	2.094	3.038	7.2	18.6
10 28	2 56.51	+ 9 54.1	2.066	3.045	3.8	18.5
11 7	2 48.92	+ 8 55.2	2.066	3.052	2.4	18.4
11 17	2 41.47	+ 8 2.6	2.096	3.059	5.1	18.6
11 27	2 34.98	+ 7 20.8	2.154	3.065	8.4	18.8
12 7	2 30.08	+ 6 52.5	2.238	3.072	11.5	19.0

351456 2005 LB_{28} 11 6.9 166°.23 6°.0/ 2.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 15.88	− 0 48.9	2.363	3.158	12.8	21.7
10 8	3 11.41	− 1 49.1	2.291	3.162	10.4	21.6
10 18	3 5.05	− 2 46.9	2.242	3.166	8.0	21.4
10 28	2 57.32	− 3 37.0	2.219	3.169	6.3	21.3
11 7	2 48.92	− 4 14.3	2.224	3.172	6.3	21.3
11 17	2 40.65	− 4 35.2	2.258	3.174	8.0	21.4
11 27	2 33.31	− 4 37.6	2.319	3.176	10.3	21.6
12 7	2 27.51	− 4 21.7	2.403	3.177	12.7	21.8

189889 2003 SF_{25} 11 6.9 102°.23 3°.7/10.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 15.30	+29 38.9	2.372	3.110	14.3	20.1
10 8	3 11.37	+29 43.6	2.283	3.115	11.9	20.0
10 18	3 5.25	+29 33.8	2.214	3.119	9.1	19.8
10 28	2 57.50	+29 8.2	2.170	3.124	6.1	19.6
11 7	2 48.92	+28 27.8	2.153	3.129	3.8	19.5
11 17	2 40.43	+27 35.5	2.165	3.133	4.4	19.5
11 27	2 32.99	+26 36.5	2.207	3.138	7.1	19.7
12 7	2 27.31	+25 36.7	2.275	3.142	10.0	19.9

264045 Heinerklinkrad 11 6.9 310°.86 2°.2/ 5.1 17

9 28	3 10.96	+14 24.1	2.074	2.877	14.1	20.2
10 8	3 8.08	+13 24.2	1.979	2.865	11.1	20.0
10 18	3 3.08	+12 14.1	1.907	2.853	7.7	19.7
10 28	2 56.43	+10 57.5	1.861	2.842	4.0	19.5
11 7	2 48.92	+ 9 39.9	1.843	2.830	2.3	19.3
11 17	2 41.43	+ 8 27.4	1.854	2.819	5.5	19.5
11 27	2 34.89	+ 7 26.2	1.893	2.808	9.2	19.7
12 7	2 30.02	+ 6 40.5	1.957	2.797	12.6	19.9

443206 2014 DQ_{72} 11 6.9 244°.29 3°.0/ 5.0 18

9 28	3 16.81	+10 30.4	1.874	2.677	15.4	21.9
10 8	3 12.92	+ 9 57.3	1.785	2.670	12.2	21.7
10 18	3 6.56	+ 9 18.5	1.718	2.662	8.5	21.5
10 28	2 58.26	+ 8 37.7	1.676	2.654	4.7	21.2
11 7	2 48.92	+ 7 59.6	1.661	2.646	3.1	21.1
11 17	2 39.58	+ 7 29.0	1.675	2.637	6.2	21.3
11 27	2 31.37	+ 7 10.3	1.716	2.629	10.1	21.5
12 7	2 25.13	+ 7 6.4	1.782	2.620	13.8	21.7

398430 2011 UC_{18} 11 6.9 51°.07 0°.4/ 6.7 18

9 28	3 14.67	+18 20.3	1.838	2.633	15.9	21.5
10 8	3 11.25	+17 47.6	1.757	2.636	12.7	21.3
10 18	3 5.36	+17 2.9	1.697	2.639	8.8	21.1
10 28	2 57.61	+16 8.6	1.662	2.642	4.5	20.8
11 7	2 48.93	+15 9.0	1.655	2.645	0.4	20.5
11 17	2 40.39	+14 9.7	1.675	2.649	4.7	20.8
11 27	2 33.06	+13 17.0	1.724	2.652	9.0	21.1
12 7	2 27.74	+12 35.9	1.797	2.655	12.7	21.3

347828 2002 PL_{25} 11 6.9 10°.50 9°.1/ 1.9 18

9 28	3 6.49	+ 2 39.3	1.045	1.912	20.5	18.9
10 8	3 6.05	+ 1 6.1	1.001	1.917	16.5	18.7
10 18	3 2.34	− 0 26.4	0.974	1.924	12.5	18.5
10 28	2 56.20	− 1 46.1	0.967	1.934	9.5	18.4
11 7	2 48.94	− 2 41.9	0.982	1.946	9.5	18.4
11 17	2 42.04	− 3 6.3	1.019	1.960	12.3	18.6
11 27	2 36.85	− 2 56.7	1.076	1.976	16.0	18.9
12 7	2 34.25	− 2 16.3	1.152	1.994	19.5	19.2

221834 2008 EY_{151} 11 6.9 46°.90 1°.3/ 7.6 18

9 28	3 20.23	+20 16.2	1.183	1.998	21.9	20.0
10 8	3 16.71	+20 21.8	1.134	2.021	17.4	19.8
10 18	3 9.59	+20 12.1	1.102	2.045	12.3	19.6
10 28	2 59.83	+19 47.7	1.091	2.069	6.5	19.4
11 7	2 48.93	+19 12.2	1.104	2.094	1.4	19.1
11 17	2 38.60	+18 31.8	1.143	2.120	5.6	19.5
11 27	2 30.37	+17 54.5	1.207	2.146	10.8	19.8
12 7	2 25.17	+17 26.8	1.293	2.172	15.3	20.2

179702 2002 RP_{32} 11 6.9 127°.58 1°.0/ 7.6 18

9 28	3 19.69	+21 14.9	1.646	2.432	17.9	20.4
10 8	3 15.56	+21 0.6	1.569	2.440	14.4	20.2
10 18	3 8.53	+20 31.9	1.512	2.448	10.2	20.0
10 28	2 59.29	+19 49.7	1.479	2.456	5.5	19.7
11 7	2 48.94	+18 57.3	1.472	2.463	1.1	19.5
11 17	2 38.79	+18 0.2	1.494	2.470	4.8	19.7
11 27	2 30.15	+17 5.6	1.543	2.476	9.5	20.0
12 7	2 23.92	+16 20.1	1.617	2.482	13.5	20.3

513539 2010 GK_{32} 11 6.9 190°.47 4°.4/ 2.9 18

9 28	3 16.10	+ 4 33.1	2.554	3.344	12.1	23.2
10 8	3 11.51	+ 3 29.2	2.469	3.343	9.7	23.0
10 18	3 5.11	+ 2 23.4	2.407	3.341	7.0	22.8
10 28	2 57.37	+ 1 20.2	2.374	3.338	4.9	22.7
11 7	2 48.95	+ 0 24.6	2.369	3.334	4.7	22.7
11 17	2 40.61	− 0 19.1	2.395	3.329	6.6	22.8
11 27	2 33.10	− 0 47.7	2.450	3.324	9.2	23.0
12 7	2 27.04	− 0 59.8	2.529	3.318	11.7	23.1

50645 2000 EQ_{87} 11 6.9 94°.67 3°.2/ 8.8 18

9 28	3 21.58	+23 48.1	1.964	2.726	16.2	18.4
10 8	3 16.82	+24 31.0	1.880	2.731	13.3	18.2
10 18	3 9.34	+25 3.4	1.816	2.737	9.8	18.0
10 28	2 59.73	+25 23.1	1.776	2.742	6.1	17.8
11 7	2 48.95	+25 29.6	1.764	2.747	3.3	17.7
11 17	2 38.19	+25 24.2	1.781	2.752	4.8	17.8
11 27	2 28.67	+25 11.0	1.827	2.758	8.4	18.0
12 7	2 21.35	+24 55.2	1.898	2.763	11.8	18.2

488226 2016 AK_{19} 11 6.9 343°.13 1°.2/ 6.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 12.83	+14 32.6	2.234	3.028	13.5	21.2
10 8	3 9.35	+14 9.9	2.147	3.026	10.7	21.0
10 18	3 3.84	+13 40.3	2.081	3.024	7.4	20.8
10 28	2 56.80	+13 6.1	2.042	3.022	3.7	20.6
11 7	2 48.97	+12 30.4	2.031	3.021	1.2	20.4
11 17	2 41.19	+11 57.2	2.049	3.019	4.4	20.6
11 27	2 34.34	+11 30.4	2.096	3.018	8.0	20.9
12 7	2 29.10	+11 13.1	2.168	3.017	11.2	21.1

190142 2005 SX_{109} 11 6.9 218°.37 1°.6/ 5.8 18

9 28	3 16.80	+15 39.5	1.768	2.568	16.3	20.9
10 8	3 13.09	+14 55.0	1.681	2.564	13.0	20.6
10 18	3 6.77	+13 59.1	1.615	2.559	9.0	20.4
10 28	2 58.40	+12 55.0	1.574	2.554	4.6	20.1
11 7	2 48.97	+11 48.1	1.560	2.549	1.7	19.9
11 17	2 39.60	+10 44.8	1.574	2.543	5.6	20.2
11 27	2 31.47	+ 9 51.8	1.617	2.538	10.0	20.4
12 7	2 25.46	+ 9 13.9	1.683	2.531	13.9	20.6

406286 2007 EM_{191} 11 6.9 182°.48 0°.6/ 6.5 18

9 28	3 14.13	+16 12.4	2.432	3.215	12.8	21.8
10 8	3 10.18	+15 50.8	2.342	3.215	10.2	21.6
10 18	3 4.32	+15 21.7	2.275	3.215	7.0	21.4
10 28	2 57.02	+14 47.0	2.235	3.215	3.6	21.2
11 7	2 48.99	+14 9.5	2.224	3.214	0.6	21.0
11 17	2 41.02	+13 32.7	2.243	3.214	3.9	21.3
11 27	2 33.93	+13 0.5	2.291	3.213	7.4	21.5
12 7	2 28.36	+12 36.3	2.365	3.213	10.4	21.7

410956 2009 SP_{349} 11 6.9 62°.47 1°.0/ 7.6 18

9 28	3 17.84	+19 38.1	2.064	2.841	15.0	21.0
10 8	3 13.34	+19 46.5	1.996	2.862	12.0	20.8
10 18	3 6.58	+19 45.7	1.950	2.884	8.4	20.6
10 28	2 58.16	+19 36.0	1.929	2.905	4.5	20.4
11 7	2 48.98	+19 19.4	1.937	2.927	1.0	20.2
11 17	2 40.04	+18 58.7	1.973	2.948	3.9	20.5
11 27	2 32.29	+18 38.0	2.039	2.970	7.6	20.8
12 7	2 26.43	+18 21.4	2.130	2.991	10.9	21.0

207214 2005 EX_{78} 11 6.9 265°.26 0°.1/ 7.1 18

9 28	3 16.88	+18 8.9	1.956	2.743	15.4	21.4
10 8	3 13.11	+17 59.7	1.855	2.729	12.4	21.2
10 18	3 6.82	+17 40.5	1.775	2.714	8.7	20.9
10 28	2 58.49	+17 12.3	1.720	2.699	4.5	20.6
11 7	2 49.00	+16 37.5	1.693	2.684	0.1	20.2
11 17	2 39.41	+16 0.0	1.695	2.669	4.6	20.6
11 27	2 30.88	+15 25.2	1.724	2.653	8.9	20.8
12 7	2 24.32	+14 58.0	1.779	2.638	12.8	21.0

35952 1999 KN_{14} 11 6.9 103°.45 2°.0/ 5.6 18

9 28	3 18.38	+13 39.7	1.833	2.630	15.9	19.3
10 8	3 13.96	+13 1.6	1.765	2.646	12.5	19.1
10 18	3 7.09	+12 15.8	1.719	2.662	8.6	18.9
10 28	2 58.45	+11 25.6	1.698	2.678	4.4	18.7
11 7	2 49.01	+10 36.0	1.706	2.694	2.1	18.6
11 17	2 39.84	+ 9 52.1	1.742	2.709	5.5	18.8
11 27	2 31.98	+ 9 18.8	1.806	2.723	9.4	19.1
12 7	2 26.17	+ 8 59.2	1.894	2.737	12.9	19.3

223636 2004 KZ_{11} 11 6.9 16°.35 1°.1/ 7.2 18

9 28	3 24.25	+12 46.9	1.050	1.880	23.0	18.9
10 8	3 20.77	+14 15.2	0.990	1.887	18.5	18.6
10 18	3 13.10	+15 43.7	0.946	1.895	13.0	18.3
10 28	3 1.98	+17 9.1	0.924	1.905	6.8	18.0
11 7	2 49.00	+18 27.8	0.926	1.916	1.1	17.7
11 17	2 36.21	+19 37.2	0.953	1.929	6.4	18.1
11 27	2 25.66	+20 38.3	1.004	1.944	12.3	18.5
12 7	2 18.73	+21 34.6	1.076	1.960	17.2	18.8

114896 2003 QV_{21} 11 6.9 67°.17 1°.2/ 6.1 18

9 28	3 15.59	+13 28.6	2.205	2.997	13.7	19.5
10 8	3 11.44	+13 19.2	2.129	3.007	10.8	19.3
10 18	3 5.23	+13 4.5	2.075	3.017	7.5	19.1
10 28	2 57.50	+12 46.4	2.047	3.027	3.8	18.9
11 7	2 49.02	+12 27.7	2.048	3.037	1.2	18.7
11 17	2 40.68	+12 11.5	2.078	3.047	4.4	19.0
11 27	2 33.36	+12 0.9	2.136	3.058	7.9	19.2
12 7	2 27.71	+11 58.4	2.221	3.068	11.0	19.5

346482 2008 UZ_{10} 11 6.9 128°.57 0°.8/ 7.5 18

9 28	3 19.44	+20 39.0	1.937	2.713	15.9	21.6
10 8	3 14.86	+20 23.6	1.859	2.725	12.7	21.4
10 18	3 7.79	+19 56.2	1.802	2.736	9.0	21.2
10 28	2 58.85	+19 17.7	1.771	2.747	4.8	20.9
11 7	2 49.03	+18 31.1	1.767	2.758	0.8	20.7
11 17	2 39.40	+17 41.1	1.793	2.768	4.3	21.0
11 27	2 31.06	+16 53.3	1.848	2.778	8.4	21.2
12 7	2 24.80	+16 13.1	1.929	2.787	12.0	21.5

396952 2005 LC_{26} 11 6.9 147°.43 5°.3/ 3.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 15.31	+ 3 43.4	2.017	2.824	14.3	21.1
10 8	3 11.37	+ 2 47.6	1.943	2.826	11.5	20.9
10 18	3 5.27	+ 1 51.1	1.892	2.829	8.4	20.7
10 28	2 57.55	+ 0 59.5	1.866	2.831	5.9	20.6
11 7	2 49.03	+ 0 18.1	1.868	2.834	5.5	20.6
11 17	2 40.65	− 0 8.3	1.897	2.836	7.7	20.7
11 27	2 33.33	− 0 16.8	1.953	2.838	10.7	20.9
12 7	2 27.77	− 0 6.9	2.033	2.839	13.5	21.1

2753 Duncan 11 6.9 295°.07 3°.4/ 9.3 18

9 28	3 17.35	+26 6.6	1.998	2.759	16.0	17.0
10 8	3 13.53	+26 28.7	1.906	2.755	13.2	16.8
10 18	3 7.12	+26 37.5	1.833	2.752	9.9	16.6
10 28	2 58.64	+26 31.4	1.785	2.748	6.3	16.3
11 7	2 49.03	+26 10.7	1.763	2.745	3.6	16.2
11 17	2 39.39	+25 37.7	1.770	2.741	4.8	16.2
11 27	2 30.92	+24 57.6	1.804	2.737	8.3	16.4
12 7	2 24.51	+24 16.6	1.864	2.734	11.8	16.7

320363 2007 TP_{247} 11 6.9 244°.58 3°.4/ 8.8 18

9 28	3 20.34	+24 38.0	1.439	2.226	20.0	21.2
10 8	3 16.92	+24 56.1	1.356	2.223	16.4	21.0
10 18	3 10.05	+24 57.8	1.290	2.220	12.1	20.7
10 28	3 0.33	+24 40.8	1.246	2.216	7.4	20.4
11 7	2 49.02	+24 5.6	1.227	2.213	3.5	20.2
11 17	2 37.72	+23 16.5	1.234	2.209	5.7	20.3
11 27	2 28.07	+22 21.6	1.268	2.205	10.5	20.6
12 7	2 21.30	+21 29.9	1.324	2.202	15.1	20.9

485984 2012 JT_{66} 11 6.9 231°.61 10°.3/26.3 17

9 28	3 14.79	−20 58.0	2.785	3.526	12.4	22.0
10 8	3 10.46	−22 19.2	2.724	3.516	11.3	21.9
10 18	3 4.39	−23 27.8	2.684	3.506	10.5	21.8
10 28	2 57.03	−24 17.4	2.667	3.495	10.3	21.8
11 7	2 49.04	−24 43.2	2.674	3.484	10.8	21.8
11 17	2 41.12	−24 42.7	2.705	3.472	11.7	21.9
11 27	2 34.00	−24 15.7	2.756	3.461	12.8	22.0
12 7	2 28.28	−23 24.5	2.826	3.448	14.1	22.0

228974 2003 UV_{224} 11 6.9 333°.29 2°.4/ 8.7 17

9 28	3 13.16	+23 49.9	1.971	2.749	15.6	19.9
10 8	3 10.23	+24 0.0	1.875	2.738	12.8	19.7
10 18	3 4.84	+23 57.5	1.800	2.728	9.4	19.5
10 28	2 57.49	+23 41.7	1.748	2.718	5.6	19.2
11 7	2 49.03	+23 13.9	1.722	2.709	2.5	19.0
11 17	2 40.53	+22 36.9	1.725	2.700	4.4	19.1
11 27	2 33.08	+21 56.1	1.756	2.692	8.2	19.3
12 7	2 27.59	+21 17.4	1.811	2.684	11.9	19.6

68850 2002 GK_{165} 11 6.9 307°.10 1°.7/ 5.9 18

9 28	3 14.86	+14 48.4	1.650	2.460	16.8	19.2
10 8	3 11.82	+14 16.2	1.563	2.452	13.4	19.0
10 18	3 6.05	+13 33.7	1.497	2.444	9.3	18.7
10 28	2 58.13	+12 44.0	1.455	2.436	4.8	18.5
11 7	2 49.04	+11 52.1	1.440	2.429	1.8	18.2
11 17	2 39.97	+11 4.0	1.451	2.422	5.8	18.5
11 27	2 32.15	+10 25.9	1.490	2.415	10.4	18.7
12 7	2 26.53	+10 2.4	1.552	2.408	14.5	19.0

449701 2014 MM_{1} 11 6.9 72°.01 5°.5/ 2.5 18

9 28	3 13.29	+ 5 49.1	1.899	2.713	14.8	20.9
10 8	3 9.83	+ 4 18.8	1.835	2.724	11.7	20.7
10 18	3 4.19	+ 2 45.1	1.794	2.735	8.5	20.5
10 28	2 56.97	+ 1 15.2	1.779	2.746	5.9	20.4
11 7	2 49.04	− 0 3.8	1.792	2.757	5.8	20.4
11 17	2 41.33	− 1 5.3	1.832	2.768	8.1	20.6
11 27	2 34.75	− 1 45.4	1.899	2.779	11.1	20.8
12 7	2 29.97	− 2 3.0	1.988	2.790	14.0	21.0

421785 2014 QP_{24} 11 6.9 327°.67 5°.3/ 2.3 18

9 28	3 10.44	+ 5 57.7	2.001	2.818	14.0	20.6
10 8	3 7.67	+ 4 32.2	1.919	2.810	11.2	20.4
10 18	3 2.79	+ 3 2.0	1.860	2.802	8.2	20.2
10 28	2 56.33	+ 1 33.5	1.827	2.795	5.7	20.0
11 7	2 49.04	+ 0 14.0	1.822	2.788	5.6	20.0
11 17	2 41.82	− 0 50.2	1.844	2.781	8.0	20.1
11 27	2 35.56	− 1 34.1	1.893	2.775	11.1	20.3
12 7	2 30.96	− 1 55.9	1.965	2.769	14.0	20.5

264042 2009 RU_{4} 11 6.9 118°.27 3°.1/ 5.2 16

9 28	3 20.54	+10 42.1	1.645	2.449	17.1	21.2
10 8	3 15.99	+10 8.0	1.577	2.461	13.5	21.0
10 18	3 8.69	+ 9 28.3	1.529	2.473	9.4	20.8
10 28	2 59.35	+ 8 47.0	1.506	2.484	5.1	20.6
11 7	2 49.04	+ 8 9.3	1.510	2.495	3.2	20.5
11 17	2 39.00	+ 7 40.4	1.543	2.506	6.5	20.7
11 27	2 30.41	+ 7 24.5	1.602	2.516	10.6	21.0
12 7	2 24.12	+ 7 23.9	1.685	2.526	14.3	21.3

304355 2006 SB_{315} 11 6.9 317°.40 1°.9/ 5.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 14.12	+13 39.3	1.855	2.661	15.4	21.4
10 8	3 10.84	+13 5.6	1.770	2.656	12.2	21.2
10 18	3 5.15	+12 23.7	1.705	2.651	8.5	21.0
10 28	2 57.59	+11 36.7	1.666	2.646	4.4	20.7
11 7	2 49.05	+10 49.3	1.653	2.641	2.0	20.5
11 17	2 40.55	+10 6.5	1.669	2.637	5.5	20.8
11 27	2 33.17	+ 9 33.7	1.712	2.633	9.6	21.0
12 7	2 27.74	+ 9 14.3	1.780	2.629	13.3	21.2

128143 2003 QS_{60} 11 6.9 50°.81 2°.9/ 4.9 18

9 28	3 14.08	+10 2.2	2.003	2.808	14.4	19.7
10 8	3 10.35	+ 9 26.7	1.938	2.824	11.3	19.5
10 18	3 4.50	+ 8 47.1	1.895	2.839	7.8	19.3
10 28	2 57.12	+ 8 7.2	1.878	2.855	4.4	19.1
11 7	2 49.05	+ 7 31.3	1.888	2.872	3.0	19.1
11 17	2 41.20	+ 7 3.6	1.927	2.888	5.7	19.3
11 27	2 34.45	+ 6 47.4	1.994	2.905	9.0	19.5
12 7	2 29.46	+ 6 44.5	2.085	2.922	12.1	19.8

406963 2009 PU_{15} 11 6.9 354°.83 3°.4/ 4.4 18

9 28	3 11.08	+10 43.7	1.862	2.678	15.0	20.3
10 8	3 8.35	+ 9 46.6	1.783	2.675	11.8	20.1
10 18	3 3.35	+ 8 42.5	1.725	2.673	8.2	19.9
10 28	2 56.63	+ 7 36.3	1.693	2.671	4.7	19.7
11 7	2 49.05	+ 6 33.8	1.688	2.670	3.6	19.6
11 17	2 41.57	+ 5 41.2	1.711	2.669	6.5	19.8
11 27	2 35.15	+ 5 3.4	1.760	2.669	10.1	20.0
12 7	2 30.56	+ 4 43.3	1.833	2.670	13.5	20.2

520613 2014 ON_{412} 11 6.9 153°.59 0°.3/ 6.7 18

9 28	3 15.59	+16 47.3	2.638	3.412	12.2	22.6
10 8	3 11.13	+16 31.3	2.552	3.419	9.7	22.4
10 18	3 4.87	+16 8.4	2.489	3.425	6.7	22.3
10 28	2 57.29	+15 40.0	2.452	3.431	3.4	22.1
11 7	2 49.06	+15 8.4	2.445	3.436	0.3	21.8
11 17	2 40.91	+14 36.8	2.469	3.441	3.6	22.1
11 27	2 33.61	+14 8.4	2.523	3.446	6.8	22.3
12 7	2 27.76	+13 46.4	2.604	3.450	9.7	22.5

54967 Millucci 11 6.9 246°.40 2°.0/ 8.4 18

9 28	3 16.20	+23 36.0	2.049	2.819	15.3	19.6
10 8	3 12.45	+23 34.0	1.956	2.815	12.5	19.3
10 18	3 6.26	+23 19.0	1.883	2.810	9.1	19.1
10 28	2 58.17	+22 50.8	1.835	2.806	5.3	18.9
11 7	2 49.06	+22 11.2	1.814	2.801	2.1	18.7
11 17	2 39.98	+21 23.7	1.822	2.797	4.2	18.8
11 27	2 31.99	+20 33.9	1.858	2.792	8.0	19.0
12 7	2 25.94	+19 47.8	1.921	2.787	11.6	19.3

154203 2002 HD_{7} 11 6.9 137°.62 1°.8/ 5.1 18

9 28	3 13.72	+12 18.2	2.945	3.726	10.9	21.2
10 8	3 9.35	+11 34.5	2.866	3.739	8.5	21.0
10 18	3 3.47	+10 46.0	2.812	3.752	5.9	20.9
10 28	2 56.52	+ 9 55.4	2.786	3.764	3.1	20.7
11 7	2 49.08	+ 9 6.1	2.791	3.776	1.9	20.6
11 17	2 41.77	+ 8 21.3	2.827	3.788	4.1	20.8
11 27	2 35.21	+ 7 44.2	2.892	3.798	6.7	21.0
12 7	2 29.89	+ 7 17.2	2.985	3.809	9.2	21.2

523030 2016 PN_{125} 11 6.9 89°.94 2°.8/ 5.1 17

9 28	3 17.62	+13 23.0	1.561	2.372	17.6	21.7
10 8	3 13.81	+12 25.8	1.496	2.385	13.9	21.5
10 18	3 7.23	+11 18.9	1.451	2.398	9.5	21.2
10 28	2 58.61	+10 7.4	1.431	2.411	5.0	21.0
11 7	2 49.07	+ 8 58.0	1.438	2.424	3.0	20.9
11 17	2 39.84	+ 7 57.9	1.472	2.437	6.6	21.2
11 27	2 32.10	+ 7 13.2	1.533	2.449	10.8	21.5
12 7	2 26.66	+ 6 47.3	1.617	2.462	14.6	21.7

520788 2014 SG_{358} 11 6.9 334°.27 2°.0/ 8.5 17

9 28	3 13.71	+23 22.6	2.187	2.958	14.5	21.3
10 8	3 10.31	+23 24.6	2.094	2.953	11.8	21.1
10 18	3 4.69	+23 14.9	2.021	2.949	8.5	20.9
10 28	2 57.34	+22 53.3	1.973	2.945	5.0	20.6
11 7	2 49.08	+22 21.4	1.953	2.941	2.1	20.4
11 17	2 40.82	+21 42.3	1.962	2.937	3.9	20.6
11 27	2 33.55	+21 0.8	1.999	2.933	7.5	20.8
12 7	2 28.04	+20 22.1	2.063	2.930	10.9	21.0

454475 2014 OU_{98} 11 6.9 93°.52 4°.6/10.8 17

9 28	3 16.62	+31 32.3	2.283	3.013	15.0	21.6
10 8	3 12.67	+31 52.4	2.192	3.015	12.7	21.5
10 18	3 6.34	+31 57.2	2.121	3.018	9.9	21.3
10 28	2 58.19	+31 44.7	2.074	3.020	7.0	21.1
11 7	2 49.07	+31 14.7	2.054	3.022	4.9	21.0
11 17	2 40.02	+30 29.6	2.062	3.024	5.2	21.0
11 27	2 32.06	+29 34.4	2.099	3.027	7.6	21.2
12 7	2 26.01	+28 35.5	2.162	3.029	10.5	21.3

494495 2016 WZ_{45} 11 6.9 302°.27 3°.6/ 9.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 14.63	+29 34.1	1.712	2.478	18.1	21.7
10 8	3 11.89	+29 12.8	1.616	2.468	15.0	21.4
10 18	3 6.24	+28 29.3	1.539	2.457	11.4	21.2
10 28	2 58.28	+27 22.2	1.484	2.447	7.3	20.9
11 7	2 49.08	+25 53.7	1.455	2.437	3.9	20.7
11 17	2 39.91	+24 10.0	1.453	2.428	5.1	20.8
11 27	2 32.13	+22 20.9	1.480	2.418	9.2	21.0
12 7	2 26.70	+20 37.2	1.531	2.409	13.4	21.2

422262 2014 SO_{141} 11 6.9 12°.23 2°.1/ 5.3 18

9 28	3 11.10	+13 39.1	1.949	2.757	14.7	20.3
10 8	3 8.25	+12 52.2	1.871	2.759	11.6	20.1
10 18	3 3.22	+11 57.1	1.816	2.762	8.0	19.9
10 28	2 56.56	+10 57.4	1.785	2.766	4.1	19.6
11 7	2 49.10	+ 9 58.4	1.783	2.770	2.2	19.5
11 17	2 41.76	+ 9 5.3	1.808	2.774	5.4	19.7
11 27	2 35.48	+ 8 23.5	1.861	2.780	9.1	20.0
12 7	2 30.96	+ 7 56.1	1.939	2.785	12.5	20.2

80486 2000 AT_{38} 11 6.9 284°.83 0°.3/ 6.8 18

9 28	3 16.41	+16 39.3	1.856	2.651	15.8	19.8
10 8	3 12.91	+16 31.2	1.756	2.635	12.7	19.6
10 18	3 6.79	+16 14.0	1.678	2.619	8.9	19.3
10 28	2 58.56	+15 48.9	1.623	2.603	4.6	19.0
11 7	2 49.10	+15 18.8	1.596	2.587	0.4	18.7
11 17	2 39.52	+14 47.6	1.598	2.572	4.9	19.0
11 27	2 31.02	+14 20.4	1.627	2.556	9.4	19.2
12 7	2 24.56	+14 1.9	1.680	2.540	13.4	19.4

79752 1998 SL_{168} 11 6.9 285°.19 0°.7/ 7.5 18

9 28	3 16.13	+21 35.9	1.540	2.337	18.4	19.5
10 8	3 13.15	+21 7.1	1.454	2.333	14.9	19.3
10 18	3 7.16	+20 21.2	1.388	2.328	10.6	19.0
10 28	2 58.77	+19 19.2	1.345	2.323	5.6	18.7
11 7	2 49.11	+18 5.7	1.328	2.318	0.8	18.4
11 17	2 39.51	+16 47.5	1.338	2.314	5.2	18.7
11 27	2 31.37	+15 33.8	1.374	2.309	10.2	19.0
12 7	2 25.70	+14 32.4	1.435	2.304	14.6	19.2

107505 2001 DK_{49} 11 6.9 299°.90 0°.0/ 6.9 18

9 28	3 19.78	+16 3.5	1.397	2.208	19.3	19.3
10 8	3 16.51	+16 18.9	1.310	2.197	15.6	19.0
10 18	3 9.84	+16 26.0	1.241	2.186	11.0	18.8
10 28	3 0.32	+16 25.2	1.195	2.175	5.7	18.4
11 7	2 49.11	+16 18.5	1.173	2.164	0.0	17.9
11 17	2 37.74	+16 9.3	1.179	2.154	5.8	18.4
11 27	2 27.88	+16 2.8	1.209	2.144	11.3	18.7
12 7	2 20.80	+16 4.0	1.263	2.134	16.1	18.9

317408 2002 PW_{158} 11 6.9 128°.95 4°.3/11.6 18

9 28	3 17.96	+34 11.5	3.036	3.729	12.3	22.2
10 8	3 13.01	+34 28.8	2.949	3.744	10.5	22.1
10 18	3 6.18	+34 32.8	2.883	3.759	8.3	22.0
10 28	2 57.98	+34 21.8	2.843	3.773	6.1	21.8
11 7	2 49.12	+33 56.0	2.830	3.786	4.6	21.7
11 17	2 40.37	+33 17.0	2.847	3.800	4.6	21.8
11 27	2 32.53	+32 28.5	2.894	3.812	6.2	21.9
12 7	2 26.21	+31 35.4	2.969	3.825	8.3	22.1

282397 2003 SU_{257} 11 6.9 7°.19 6°.4/ 3.0 17

9 28	3 8.67	+ 7 46.0	1.195	2.047	19.4	19.6
10 8	3 7.56	+ 6 20.8	1.136	2.048	15.4	19.4
10 18	3 3.36	+ 4 48.6	1.097	2.050	11.0	19.1
10 28	2 56.81	+ 3 18.9	1.079	2.054	7.3	19.0
11 7	2 49.11	+ 2 2.5	1.085	2.060	6.8	19.0
11 17	2 41.65	+ 1 8.5	1.114	2.066	10.0	19.2
11 27	2 35.77	+ 0 42.7	1.166	2.075	14.2	19.4
12 7	2 32.39	+ 0 45.6	1.238	2.084	18.1	19.7

383524 2007 DD_5 11 6.9 248°.77 1°.9/ 5.9 18

9 28	3 18.55	+13 25.3	1.727	2.528	16.5	22.1
10 8	3 14.70	+13 2.2	1.634	2.518	13.2	21.8
10 18	3 8.07	+12 31.2	1.563	2.507	9.2	21.6
10 28	2 59.22	+11 54.7	1.515	2.496	4.8	21.3
11 7	2 49.12	+11 17.2	1.495	2.484	2.0	21.1
11 17	2 38.96	+10 43.5	1.503	2.472	5.9	21.3
11 27	2 30.03	+10 19.0	1.538	2.460	10.4	21.6
12 7	2 23.29	+10 7.8	1.598	2.448	14.5	21.8

213504 2002 GM_{81} 11 6.9 99°.60 5°.6/ 3.4 17

9 28	3 19.73	+ 7 21.0	1.537	2.351	17.7	20.6
10 8	3 15.31	+ 5 56.6	1.482	2.371	14.0	20.4
10 18	3 8.16	+ 4 27.9	1.448	2.391	9.9	20.2
10 28	2 59.05	+ 3 2.6	1.439	2.411	6.4	20.1
11 7	2 49.12	+ 1 49.0	1.457	2.430	5.8	20.1
11 17	2 39.62	+ 0 54.3	1.502	2.448	8.6	20.3
11 27	2 31.67	+ 0 22.7	1.573	2.466	12.3	20.6
12 7	2 26.05	+ 0 15.0	1.666	2.483	15.6	20.8

431485 2007 TM_{45} 11 6.9 3°.30 2°.5/ 7.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 18.67	+18 56.0	1.065	1.895	22.8	20.1
10 8	3 16.52	+19 46.1	0.998	1.893	18.6	19.8
10 18	3 10.31	+20 25.8	0.946	1.893	13.4	19.5
10 28	3 0.69	+20 52.6	0.915	1.893	7.5	19.2
11 7	2 49.13	+21 6.0	0.906	1.895	2.5	18.9
11 17	2 37.60	+21 8.1	0.920	1.898	6.4	19.2
11 27	2 28.13	+21 5.1	0.958	1.902	12.3	19.5
12 7	2 22.14	+21 4.2	1.017	1.907	17.4	19.9

295632 2008 SS_{249} 11 6.9 160°.88 0°.6/ 7.6 18

9 28	3 13.34	+20 48.9	2.748	3.513	11.9	21.2
10 8	3 9.37	+20 25.3	2.657	3.517	9.6	21.1
10 18	3 3.68	+19 52.2	2.588	3.520	6.7	20.9
10 28	2 56.73	+19 10.9	2.547	3.523	3.6	20.7
11 7	2 49.14	+18 23.7	2.535	3.525	0.6	20.5
11 17	2 41.64	+17 34.0	2.554	3.528	3.2	20.7
11 27	2 34.94	+16 45.9	2.602	3.530	6.3	20.9
12 7	2 29.61	+16 3.2	2.678	3.532	9.2	21.1

9681 Sherwoodrowland 11 7.0 213°.73 1°.5/ 5.7 18

10 8	3 9.09	+14 1.4	2.331	3.209	10.0	18.5
10 18	3 3.61	+13 10.0	2.264	3.207	6.9	18.3
10 28	2 56.73	+12 13.5	2.225	3.204	3.5	18.1
11 7	2 49.15	+11 15.9	2.214	3.202	1.5	18.0
11 17	2 41.63	+10 21.6	2.233	3.200	4.4	18.2
11 27	2 34.97	+ 9 35.3	2.281	3.197	7.8	18.4
12 7	2 29.80	+ 9 0.1	2.355	3.194	10.8	18.6
12 17	2 26.51	+ 8 38.0	2.451	3.192	13.3	18.7

96243 1994 CF_6 11 7.0 242°.82 4°.5/ 2.7 17

10 8	3 8.60	+ 2 4.7	2.585	3.461	9.2	20.3
10 18	3 3.17	+ 1 10.0	2.518	3.451	6.8	20.1
10 28	2 56.49	+ 0 18.9	2.479	3.441	4.9	20.0
11 7	2 49.15	− 0 24.1	2.469	3.430	4.8	19.9
11 17	2 41.82	− 0 55.5	2.488	3.420	6.5	20.0
11 27	2 35.22	− 1 12.4	2.535	3.409	8.9	20.2
12 7	2 29.91	− 1 13.7	2.606	3.397	11.3	20.3
12 17	2 26.29	− 0 59.8	2.699	3.386	13.4	20.5

148938 2001 XB_{117} 11 7.0 323°.29 2°.8/ 5.5 18

10 8	3 12.38	+ 9 27.0	1.663	2.552	12.7	19.3
10 18	3 6.46	+ 9 16.3	1.591	2.537	8.9	19.0
10 28	2 58.42	+ 9 5.3	1.543	2.522	4.9	18.8
11 7	2 49.15	+ 8 57.8	1.521	2.507	2.9	18.6
11 17	2 39.77	+ 8 57.2	1.527	2.494	6.2	18.8
11 27	2 31.50	+ 9 7.1	1.560	2.480	10.4	19.0
12 7	2 25.30	+ 9 29.3	1.617	2.467	14.3	19.2
12 17	2 21.75	+10 4.3	1.693	2.455	17.6	19.4

20703 1999 VC_{203} 11 7.0 59°.54 6°.6/ 3.2 18 R

10 8	3 13.18	+ 0 58.7	1.580	2.467	13.4	17.7
10 18	3 6.76	+ 0 6.9	1.538	2.475	10.0	17.5
10 28	2 58.41	− 0 36.5	1.519	2.482	7.2	17.4
11 7	2 49.15	− 1 5.2	1.527	2.490	6.8	17.4
11 17	2 40.12	− 1 14.6	1.561	2.498	9.1	17.6
11 27	2 32.44	− 1 2.6	1.620	2.506	12.3	17.8
12 7	2 26.90	− 0 29.9	1.701	2.514	15.4	18.0
12 17	2 23.93	+ 0 20.7	1.801	2.523	18.1	18.2

175000 2004 ED_{64} 11 7.0 132°.25 4°.3/ 4.0 18

10 8	3 12.69	+ 4 11.8	2.111	2.990	10.9	20.2
10 18	3 6.09	+ 3 35.5	2.061	2.998	7.8	20.0
10 28	2 57.98	+ 3 2.9	2.038	3.006	5.1	19.9
11 7	2 49.16	+ 2 38.4	2.042	3.014	4.4	19.8
11 17	2 40.50	+ 2 25.3	2.076	3.022	6.6	20.0
11 27	2 32.86	+ 2 26.1	2.137	3.029	9.5	20.2
12 7	2 26.91	+ 2 41.4	2.224	3.036	12.3	20.4
12 17	2 23.05	+ 3 10.4	2.331	3.043	14.7	20.6

288359 2004 CN_5 11 7.0 186°.41 2°.4/ 8.3 18

10 8	3 17.75	+22 44.6	1.626	2.488	14.4	20.5
10 18	3 10.29	+22 55.4	1.559	2.488	10.5	20.3
10 28	3 0.39	+22 52.9	1.516	2.488	6.1	20.1
11 7	2 49.16	+22 37.3	1.500	2.487	2.5	19.8
11 17	2 37.93	+22 11.6	1.512	2.486	5.0	20.0
11 27	2 28.12	+21 41.3	1.552	2.485	9.3	20.3
12 7	2 20.77	+21 12.9	1.616	2.484	13.4	20.5
12 17	2 16.46	+20 51.8	1.702	2.482	16.8	20.7

432628 2010 VR_{91} 11 7.0 330°.81 1°.1/ 6.6 18

10 8	3 15.80	+13 50.6	1.157	2.054	16.4	20.6
10 18	3 9.54	+13 58.0	1.094	2.044	11.6	20.3
10 28	3 0.24	+14 0.4	1.053	2.035	6.0	19.9
11 7	2 49.16	+14 0.5	1.036	2.026	1.1	19.6
11 17	2 37.95	+14 2.0	1.044	2.019	6.5	19.9
11 27	2 28.41	+14 9.7	1.076	2.012	12.2	20.2
12 7	2 21.86	+14 27.6	1.129	2.005	17.2	20.5
12 17	2 18.99	+14 57.8	1.201	2.000	21.4	20.7