256272 2006 WA_{90} 11 23.9 112°.14 2°.2/23.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 26.02	+14 55.2	2.087	2.898	13.5	20.6
10 28	4 21.07	+14 38.8	2.012	2.904	10.4	20.4
11 7	4 13.99	+14 21.4	1.960	2.909	6.9	20.2
11 17	4 5.42	+14 4.8	1.936	2.915	3.3	20.0
11 27	3 56.27	+13 51.4	1.940	2.921	2.7	20.0
12 7	3 47.54	+13 43.4	1.974	2.926	6.1	20.2
12 17	3 40.12	+13 43.0	2.036	2.931	9.6	20.4
12 27	3 34.71	+13 51.3	2.122	2.937	12.7	20.6

74396 1998 XK_{68} 11 23.9 0°.15 1°.3/24.6 18

10 18	4 26.28	+25 37.0	1.774	2.582	15.6	19.0
10 28	4 21.87	+25 24.7	1.694	2.582	12.2	18.7
11 7	4 14.82	+25 1.9	1.635	2.582	8.2	18.5
11 17	4 5.84	+24 28.5	1.602	2.581	3.8	18.2
11 27	3 56.08	+23 46.5	1.597	2.582	1.7	18.1
12 7	3 46.83	+23 0.1	1.620	2.582	5.9	18.4
12 17	3 39.22	+22 14.5	1.670	2.582	10.2	18.6
12 27	3 34.10	+21 35.1	1.744	2.583	13.9	18.9

225120 2008 EE_{82} 11 23.9 132°.06 3°.8/22.3 18

10 18	4 29.35	+13 22.3	1.709	2.525	15.8	20.6
10 28	4 23.94	+12 33.6	1.642	2.536	12.2	20.4
11 7	4 15.99	+11 43.6	1.598	2.546	8.2	20.2
11 17	4 6.27	+10 56.2	1.580	2.555	4.6	20.0
11 27	3 55.94	+10 16.1	1.590	2.565	4.4	20.0
12 7	3 46.22	+ 9 47.5	1.629	2.573	7.8	20.3
12 17	3 38.18	+ 9 33.1	1.694	2.581	11.7	20.5
12 27	3 32.59	+ 9 33.9	1.782	2.589	15.0	20.8

276857 2004 RX_{137} 11 23.9 126°.36 1°.7/23.1 17

10 18	4 29.52	+19 27.9	1.961	2.766	14.5	21.2
10 28	4 23.72	+18 32.3	1.892	2.781	11.1	21.0
11 7	4 15.66	+17 30.0	1.848	2.797	7.2	20.8
11 17	4 6.09	+16 24.0	1.831	2.811	3.2	20.6
11 27	3 56.05	+15 18.8	1.843	2.825	2.4	20.6
12 7	3 46.64	+14 19.4	1.886	2.839	6.2	20.8
12 17	3 38.80	+13 30.1	1.957	2.852	10.0	21.1
12 27	3 33.19	+12 54.0	2.053	2.864	13.2	21.3

373017 2011 DR_{20} 11 23.9 221°.69 5°.5/20.8 17

10 18	4 22.54	+ 3 23.4	2.593	3.392	11.5	21.6
10 28	4 18.01	+ 2 36.8	2.513	3.387	9.3	21.5
11 7	4 11.84	+ 1 55.3	2.458	3.382	7.1	21.3
11 17	4 4.51	+ 1 22.5	2.429	3.377	5.6	21.2
11 27	3 56.71	+ 1 2.0	2.430	3.372	5.9	21.2
12 7	3 49.18	+ 0 55.8	2.458	3.366	7.6	21.3
12 17	3 42.60	+ 1 4.7	2.514	3.360	9.9	21.5
12 27	3 37.55	+ 1 28.1	2.594	3.355	12.1	21.6

194172 2001 TU_{38} 11 23.9 98°.87 3°.1/25.6 18

10 18	4 33.70	+30 40.0	1.800	2.583	16.4	20.0
10 28	4 27.31	+30 37.4	1.739	2.608	13.0	19.8
11 7	4 18.16	+30 20.7	1.699	2.632	9.1	19.7
11 17	4 7.16	+29 48.4	1.684	2.655	5.1	19.5
11 27	3 55.62	+29 2.0	1.699	2.678	3.2	19.4
12 7	3 44.95	+28 6.0	1.742	2.701	6.0	19.6
12 17	3 36.25	+27 6.9	1.814	2.722	9.8	19.9
12 27	3 30.29	+26 11.3	1.910	2.743	13.1	20.2

64011 2001 SX_{134} 11 23.9 336°.45 2°.2/22.9 18

10 18	4 24.47	+16 59.4	1.826	2.648	14.7	19.1
10 28	4 20.27	+16 23.3	1.747	2.645	11.4	18.9
11 7	4 13.68	+15 43.0	1.690	2.642	7.5	18.7
11 17	4 5.37	+15 1.1	1.659	2.639	3.5	18.4
11 27	3 56.35	+14 21.4	1.656	2.637	2.9	18.4
12 7	3 47.76	+13 48.0	1.681	2.635	6.7	18.6
12 17	3 40.62	+13 24.3	1.733	2.633	10.7	18.9
12 27	3 35.71	+13 12.9	1.808	2.631	14.2	19.1

394903 2008 UL_{352} 11 23.9 79°.95 5°.7/22.2 18

10 18	4 28.08	+ 6 1.5	1.742	2.556	15.6	20.5
10 28	4 22.95	+ 5 37.3	1.676	2.563	12.4	20.3
11 7	4 15.36	+ 5 20.0	1.632	2.570	8.9	20.1
11 17	4 6.05	+ 5 13.2	1.613	2.577	6.2	20.0
11 27	3 56.08	+ 5 20.4	1.622	2.584	6.1	20.0
12 7	3 46.63	+ 5 42.9	1.658	2.591	8.8	20.2
12 17	3 38.74	+ 6 20.5	1.720	2.597	12.1	20.4
12 27	3 33.19	+ 7 11.6	1.805	2.604	15.2	20.6

100738 1998 DB_{12} 11 23.9 68°.60 3°.2/22.9 18

10 18	4 32.34	+14 59.8	1.300	2.130	19.1	19.2
10 28	4 26.65	+14 28.5	1.256	2.157	14.6	19.0
11 7	4 17.87	+13 56.0	1.231	2.184	9.6	18.8
11 17	4 7.05	+13 25.7	1.231	2.211	4.7	18.6
11 27	3 55.71	+13 1.7	1.258	2.238	3.9	18.6
12 7	3 45.43	+12 47.9	1.311	2.265	8.2	18.9
12 17	3 37.42	+12 46.5	1.389	2.291	12.7	19.3
12 27	3 32.44	+12 58.5	1.489	2.317	16.4	19.6

146270 2001 DT_{50} 11 23.9 193°.21 0°.3/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 31.92	+20 45.9	1.601	2.413	16.9	19.9
10 28	4 26.54	+21 1.6	1.521	2.413	13.2	19.7
11 7	4 18.09	+21 12.5	1.463	2.412	8.7	19.4
11 17	4 7.32	+21 18.0	1.429	2.410	3.7	19.1
11 27	3 55.50	+21 18.3	1.423	2.409	1.6	19.0
12 7	3 44.16	+21 15.5	1.446	2.407	6.7	19.3
12 17	3 34.66	+21 13.0	1.495	2.405	11.4	19.6
12 27	3 28.03	+21 14.6	1.568	2.402	15.4	19.8

449916 2015 NQ_{15} 11 23.9 149°.23 2°.0/25.0 18

10 18	4 30.26	+27 30.1	2.170	2.954	13.9	21.9
10 28	4 24.41	+27 29.0	2.090	2.963	11.0	21.7
11 7	4 16.23	+27 18.1	2.034	2.972	7.5	21.5
11 17	4 6.40	+26 56.6	2.004	2.980	3.8	21.3
11 27	3 55.96	+26 25.3	2.004	2.987	2.1	21.2
12 7	3 46.01	+25 47.3	2.035	2.994	5.2	21.5
12 17	3 37.55	+25 7.0	2.094	3.000	8.8	21.7
12 27	3 31.33	+24 29.1	2.179	3.006	11.9	21.9

501571 2014 OQ_{97} 11 23.9 129°.81 18°.8/16.6 17

10 18	4 30.38	−16 56.3	1.275	2.050	22.4	20.6
10 28	4 25.45	−19 20.3	1.241	2.055	20.5	20.5
11 7	4 17.30	−21 13.5	1.224	2.060	19.2	20.4
11 17	4 6.91	−22 22.8	1.224	2.065	18.8	20.4
11 27	3 55.76	−22 39.3	1.243	2.070	19.3	20.4
12 7	3 45.48	−22 2.5	1.280	2.075	20.6	20.5
12 17	3 37.38	−20 38.3	1.333	2.079	22.2	20.7
12 27	3 32.34	−18 36.7	1.400	2.083	23.9	20.8

227191 2005 QZ_{68} 11 24.0 64°.64 4°.3/22.9 18

10 18	4 30.63	+10 29.3	1.406	2.233	18.1	19.8
10 28	4 25.41	+10 19.5	1.348	2.246	14.0	19.6
11 7	4 17.20	+10 14.0	1.310	2.259	9.6	19.4
11 17	4 6.87	+10 15.9	1.297	2.272	5.4	19.2
11 27	3 55.79	+10 27.6	1.310	2.286	4.9	19.2
12 7	3 45.45	+10 50.7	1.350	2.299	8.6	19.4
12 17	3 37.11	+11 25.5	1.415	2.313	12.8	19.7
12 27	3 31.64	+12 11.1	1.503	2.326	16.5	20.0

108318 2001 JV_{6} 11 24.0 112°.92 0°.4/23.9 18

10 18	4 32.59	+19 23.1	1.652	2.462	16.5	20.2
10 28	4 26.69	+19 31.6	1.585	2.475	12.8	20.0
11 7	4 17.95	+19 36.2	1.539	2.489	8.3	19.8
11 17	4 7.19	+19 36.7	1.520	2.502	3.5	19.5
11 27	3 55.66	+19 34.1	1.529	2.514	1.6	19.4
12 7	3 44.78	+19 30.9	1.567	2.526	6.4	19.8
12 17	3 35.77	+19 29.9	1.631	2.538	10.8	20.1
12 27	3 29.49	+19 34.2	1.720	2.549	14.5	20.3

385810 2006 DB_{120} 11 24.0 88°.43 6°.8/26.9 18

10 18	4 36.79	+37 4.0	1.803	2.561	17.3	19.6
10 28	4 30.26	+38 4.9	1.741	2.583	14.3	19.5
11 7	4 20.45	+38 49.4	1.700	2.605	11.0	19.3
11 17	4 8.27	+39 12.1	1.683	2.627	8.1	19.2
11 27	3 55.20	+39 10.0	1.693	2.648	6.8	19.2
12 7	3 42.91	+38 45.4	1.731	2.669	8.1	19.3
12 17	3 32.82	+38 4.4	1.796	2.689	10.8	19.5
12 27	3 25.88	+37 15.5	1.884	2.709	13.6	19.7

470172 2006 UP_{219} 11 24.0 34°.72 5°.1/22.6 18

10 18	4 27.27	+11 41.4	1.102	1.952	20.4	20.6
10 28	4 23.44	+11 5.8	1.053	1.964	15.9	20.3
11 7	4 16.16	+10 32.8	1.023	1.977	10.8	20.1
11 17	4 6.48	+10 7.6	1.015	1.992	6.2	19.9
11 27	3 55.99	+ 9 55.3	1.031	2.007	5.8	19.9
12 7	3 46.45	+ 9 59.2	1.071	2.023	9.9	20.2
12 17	3 39.25	+10 20.3	1.134	2.039	14.6	20.5
12 27	3 35.28	+10 57.5	1.217	2.057	18.6	20.8

360129 2013 CX_{34} 11 24.0 248°.59 4°.9/26.6 18

10 18	4 29.53	+35 27.0	2.065	2.831	15.1	21.1
10 28	4 24.43	+35 39.7	1.970	2.822	12.4	20.9
11 7	4 16.59	+35 37.2	1.895	2.812	9.4	20.7
11 17	4 6.69	+35 16.4	1.846	2.802	6.3	20.5
11 27	3 55.85	+34 36.4	1.824	2.792	4.9	20.3
12 7	3 45.44	+33 40.2	1.831	2.781	6.6	20.4
12 17	3 36.65	+32 33.3	1.865	2.770	9.7	20.6
12 27	3 30.41	+31 23.3	1.925	2.759	13.0	20.8

329535 2002 TL_{61} 11 24.0 118°.41 1°.7/25.1 18

10 18	4 24.92	+28 5.0	2.591	3.374	12.0	20.7
10 28	4 19.97	+27 52.4	2.510	3.382	9.4	20.6
11 7	4 13.17	+27 30.7	2.453	3.390	6.4	20.4
11 17	4 5.10	+26 59.7	2.423	3.398	3.3	20.2
11 27	3 56.57	+26 20.9	2.423	3.406	1.8	20.1
12 7	3 48.44	+25 37.1	2.454	3.413	4.4	20.3
12 17	3 41.48	+24 52.0	2.514	3.421	7.5	20.5
12 27	3 36.30	+24 9.4	2.600	3.428	10.2	20.7

446618 2015 MP_{82} 11 24.0 71.°88 3.°6/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 26.12	+13 53.1	1.692	2.516	15.6	21.1
10 28	4 21.58	+13 4.4	1.623	2.521	12.1	20.9
11 7	4 14.55	+12 14.0	1.577	2.527	8.1	20.7
11 17	4 5.75	+11 25.6	1.555	2.532	4.5	20.5
11 27	3 56.30	+10 44.1	1.562	2.538	4.3	20.5
12 7	3 47.40	+10 13.8	1.597	2.543	7.7	20.7
12 17	3 40.10	+ 9 57.6	1.657	2.549	11.6	20.9
12 27	3 35.17	+ 9 56.8	1.740	2.555	15.0	21.2

20123 1995 WD_{32} 11 24.0 300.°85 1.°8/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 24.05	+16 40.8	2.053	2.868	13.6	19.0
10 28	4 19.81	+16 20.1	1.963	2.858	10.5	18.8
11 7	4 13.37	+15 56.5	1.896	2.847	6.9	18.6
11 17	4 5.29	+15 31.8	1.856	2.836	3.2	18.3
11 27	3 56.48	+15 8.6	1.844	2.826	2.4	18.3
12 7	3 47.97	+14 49.8	1.861	2.816	6.1	18.5
12 17	3 40.70	+14 38.2	1.906	2.806	9.9	18.7
12 27	3 35.45	+14 36.0	1.975	2.796	13.2	18.9

55069 2001 QR_{85} 11 24.0 221.°12 1.°6/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 25.56	+18 7.6	2.025	2.837	13.8	19.3
10 28	4 20.91	+17 36.9	1.942	2.834	10.7	19.1
11 7	4 14.03	+17 1.6	1.882	2.832	7.0	18.9
11 17	4 5.54	+16 23.7	1.848	2.829	3.1	18.6
11 27	3 56.40	+15 46.2	1.844	2.827	2.3	18.5
12 7	3 47.64	+15 12.9	1.869	2.824	6.0	18.8
12 17	3 40.23	+14 46.9	1.922	2.821	9.8	19.0
12 27	3 34.91	+14 31.1	1.999	2.818	13.1	19.2

425007 2009 DQ_{66} 11 24.0 83.°51 2.°2/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 34.06	+26 42.0	1.319	2.133	19.7	21.1
10 28	4 28.48	+26 43.9	1.263	2.152	15.4	20.9
11 7	4 19.37	+26 32.6	1.226	2.172	10.4	20.7
11 17	4 7.82	+26 6.7	1.212	2.191	5.1	20.4
11 27	3 55.48	+25 28.0	1.225	2.209	2.6	20.3
12 7	3 44.18	+24 41.8	1.265	2.228	7.2	20.7
12 17	3 35.35	+23 55.5	1.331	2.246	12.0	21.0
12 27	3 29.90	+23 15.9	1.419	2.264	16.1	21.3

136281 2003 YY_{128} 11 24.0 33.°22 5.°1/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 29.19	+ 6 44.9	1.580	2.399	16.8	19.3
10 28	4 24.09	+ 6 48.0	1.515	2.406	13.2	19.1
11 7	4 16.27	+ 6 59.3	1.472	2.414	9.3	18.9
11 17	4 6.51	+ 7 21.7	1.453	2.423	5.9	18.7
11 27	3 56.00	+ 7 56.8	1.462	2.431	5.5	18.7
12 7	3 46.05	+ 8 44.7	1.498	2.441	8.5	18.9
12 17	3 37.83	+ 9 44.2	1.560	2.450	12.3	19.1
12 27	3 32.19	+10 53.2	1.645	2.460	15.7	19.4

272031 2005 EG_{78} 11 24.0 150.°66 4.°5/21.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 21.90	+ 7 2.4	2.622	3.427	11.2	20.4
10 28	4 17.48	+ 6 9.1	2.548	3.430	8.9	20.2
11 7	4 11.48	+ 5 18.4	2.499	3.433	6.5	20.1
11 17	4 4.40	+ 4 34.0	2.477	3.436	4.7	20.0
11 27	3 56.91	+ 3 59.2	2.484	3.438	5.0	20.0
12 7	3 49.72	+ 3 36.7	2.521	3.441	6.9	20.1
12 17	3 43.50	+ 3 27.8	2.585	3.443	9.3	20.3
12 27	3 38.78	+ 3 32.6	2.673	3.445	11.5	20.4

517418 2014 MB_{10} 11 24.0 123.°82 2.°0/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 26.20	+17 36.8	2.238	3.043	12.9	21.5
10 28	4 20.99	+16 45.4	2.166	3.056	9.9	21.3
11 7	4 13.84	+15 49.5	2.120	3.068	6.4	21.2
11 17	4 5.39	+14 51.9	2.100	3.080	3.0	21.0
11 27	3 56.50	+13 56.5	2.112	3.092	2.6	21.0
12 7	3 48.11	+13 7.1	2.153	3.103	5.8	21.2
12 17	3 41.00	+12 27.3	2.223	3.114	9.1	21.4
12 27	3 35.78	+11 59.2	2.318	3.124	12.0	21.6

197026 2003 UY_{122} 11 24.0 91.°88 4.°2/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 31.68	+34 12.6	1.878	2.651	16.2	20.0
10 28	4 25.86	+34 9.3	1.811	2.670	13.0	19.8
11 7	4 17.29	+33 49.4	1.766	2.689	9.5	19.6
11 17	4 6.87	+33 11.3	1.745	2.708	5.9	19.4
11 27	3 55.89	+32 15.9	1.753	2.726	4.2	19.4
12 7	3 45.71	+31 8.0	1.789	2.744	6.2	19.5
12 17	3 37.45	+29 54.5	1.854	2.762	9.6	19.8
12 27	3 31.85	+28 42.9	1.944	2.780	12.8	20.0

117157 2004 QR_{9} 11 24.0 40.°03 3.°4/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 30.45	+27 0.1	1.383	2.199	18.9	19.1
10 28	4 25.85	+27 38.8	1.320	2.209	14.9	18.9
11 7	4 17.82	+28 6.8	1.277	2.220	10.3	18.6
11 17	4 7.26	+28 20.9	1.257	2.232	5.6	18.4
11 27	3 55.69	+28 20.0	1.263	2.244	3.6	18.3
12 7	3 44.88	+28 6.6	1.295	2.257	7.2	18.6
12 17	3 36.30	+27 46.2	1.353	2.270	11.7	18.9
12 27	3 30.98	+27 25.4	1.433	2.283	15.7	19.1

512025 2015 MW_{9} 11 24.0 220.°08 2.°7/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 28.67	+14 28.8	1.987	2.795	14.2	21.8
10 28	4 23.39	+14 1.0	1.897	2.787	11.0	21.6
11 7	4 15.73	+13 31.4	1.831	2.778	7.4	21.4
11 17	4 6.31	+13 2.3	1.791	2.769	3.8	21.1
11 27	3 56.08	+12 37.0	1.781	2.759	3.3	21.1
12 7	3 46.19	+12 18.6	1.800	2.749	6.8	21.3
12 17	3 37.65	+12 9.7	1.846	2.737	10.6	21.5
12 27	3 31.31	+12 12.2	1.917	2.726	14.1	21.7

397667 2008 AU_{35} 11 24.0 89.°87 20.°3/22.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 37.63	−21 45.4	1.161	1.913	25.4	20.2
10 28	4 31.18	−23 6.4	1.129	1.924	23.3	20.1
11 7	4 21.06	−23 47.8	1.110	1.935	21.6	20.0
11 17	4 8.49	−23 37.6	1.107	1.946	20.5	20.0
11 27	3 55.25	−22 29.2	1.122	1.957	20.4	20.0
12 7	3 43.24	−20 26.0	1.155	1.968	21.3	20.1
12 17	3 33.90	−17 38.6	1.206	1.978	22.8	20.3
12 27	3 28.11	−14 21.4	1.275	1.988	24.5	20.5

290881 2005 WW_{72} 11 24.0 345.°12 0.°1/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 27.77	+19 3.0	2.049	2.855	13.9	20.0
10 28	4 22.70	+19 24.6	1.965	2.854	10.8	19.8
11 7	4 15.28	+19 44.1	1.905	2.853	7.1	19.6
11 17	4 6.13	+20 1.1	1.871	2.852	3.0	19.3
11 27	3 56.18	+20 15.8	1.866	2.851	1.3	19.2
12 7	3 46.57	+20 29.1	1.891	2.851	5.5	19.5
12 17	3 38.29	+20 42.8	1.944	2.850	9.4	19.7
12 27	3 32.18	+20 59.1	2.022	2.850	12.7	20.0

172804 2004 FL_{143} 11 24.0 282.°05 3.°5/25.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 27.53	+31 22.5	1.952	2.738	15.2	20.0
10 28	4 23.00	+31 25.3	1.853	2.722	12.3	19.7
11 7	4 15.74	+31 14.6	1.774	2.706	8.8	19.5
11 17	4 6.39	+30 48.3	1.721	2.690	5.3	19.3
11 27	3 56.06	+30 6.3	1.696	2.674	3.6	19.1
12 7	3 46.06	+29 11.8	1.699	2.658	6.2	19.3
12 17	3 37.61	+28 10.5	1.730	2.641	10.0	19.4
12 27	3 31.67	+27 9.4	1.786	2.625	13.6	19.6

439284 2012 UJ_{85} 11 24.0 104.°26 1.°4/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 28.71	+19 44.5	1.687	2.503	16.0	21.5
10 28	4 23.59	+19 4.9	1.619	2.514	12.3	21.3
11 7	4 15.86	+18 18.4	1.574	2.525	8.0	21.1
11 17	4 6.32	+17 27.6	1.555	2.536	3.4	20.8
11 27	3 56.16	+16 36.5	1.564	2.547	2.3	20.8
12 7	3 46.65	+15 50.1	1.601	2.558	6.6	21.1
12 17	3 38.89	+15 12.8	1.665	2.568	10.9	21.3
12 27	3 33.63	+14 47.9	1.753	2.578	14.5	21.6

327831 2006 WF_{61} 11 24.0 58.°75 2.°7/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 32.07	+14 55.8	1.231	2.065	19.7	20.3
10 28	4 26.76	+14 47.5	1.184	2.088	15.1	20.1
11 7	4 18.15	+14 38.9	1.157	2.111	9.9	19.9
11 17	4 7.29	+14 32.2	1.154	2.134	4.6	19.7
11 27	3 55.77	+14 30.0	1.176	2.158	3.5	19.7
12 7	3 45.28	+14 35.0	1.224	2.182	8.2	20.0
12 17	3 37.13	+14 49.2	1.297	2.205	12.9	20.3
12 27	3 32.17	+15 13.4	1.392	2.229	16.9	20.7

444615 2006 VT_{24} 11 24.0 3.°33 1.°3/23.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 22.56	+20 12.7	1.454	2.290	17.1	20.6
10 28	4 19.42	+19 37.8	1.383	2.289	13.2	20.4
11 7	4 13.44	+18 54.9	1.334	2.289	8.6	20.1
11 17	4 5.40	+18 6.6	1.308	2.290	3.6	19.8
11 27	3 56.53	+17 17.3	1.308	2.292	2.3	19.7
12 7	3 48.24	+16 32.6	1.335	2.295	7.1	20.1
12 17	3 41.74	+15 57.4	1.387	2.300	11.8	20.3
12 27	3 37.90	+15 35.5	1.460	2.305	15.8	20.6

324118 2005 YO_{16} 11 24.0 222.°11 0.°9/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 24.40	+18 35.0	2.844	3.640	10.7	21.7
10 28	4 19.45	+18 17.6	2.746	3.630	8.2	21.6
11 7	4 12.84	+17 56.7	2.673	3.620	5.4	21.4
11 17	4 5.03	+17 33.5	2.628	3.609	2.3	21.1
11 27	3 56.68	+17 9.7	2.615	3.598	1.5	21.1
12 7	3 48.56	+16 47.3	2.632	3.587	4.5	21.3
12 17	3 41.36	+16 28.6	2.679	3.575	7.5	21.4
12 27	3 35.66	+16 15.8	2.752	3.562	10.2	21.6

210779 2001 BF_{59} 11 24.0 274.°32 7.°7/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 31.74	+40 30.7	1.867	2.618	17.0	20.2
10 28	4 26.83	+41 13.1	1.773	2.606	14.5	20.0
11 7	4 18.57	+41 37.7	1.700	2.595	11.6	19.8
11 17	4 7.68	+41 38.5	1.649	2.584	9.0	19.7
11 27	3 55.53	+41 12.1	1.624	2.572	7.7	19.6
12 7	3 43.81	+40 20.1	1.626	2.560	8.7	19.6
12 17	3 34.07	+39 8.8	1.653	2.549	11.4	19.7
12 27	3 27.46	+37 47.8	1.705	2.537	14.5	19.9

446562 2014 OD_{67} 11 24.0 12.°52 0.°4/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 25.91	+20 4.9	2.033	2.842	13.9	21.6
10 28	4 21.23	+19 59.3	1.952	2.842	10.7	21.4
11 7	4 14.28	+19 49.3	1.893	2.843	7.0	21.2
11 17	4 5.69	+19 35.2	1.861	2.843	2.9	20.9
11 27	3 56.41	+19 18.9	1.858	2.843	1.4	20.8
12 7	3 47.52	+19 2.8	1.884	2.844	5.5	21.1
12 17	3 39.98	+18 49.9	1.938	2.844	9.4	21.3
12 27	3 34.57	+18 42.9	2.017	2.844	12.7	21.5

115458 2003 TN_{14} 11 24.0 91.°05 2.°9/22.6 18

10 18	4 24.07	+12 18.8	2.311	3.121	12.4	19.5
10 28	4 19.43	+11 58.2	2.233	3.123	9.6	19.3
11 7	4 12.91	+11 38.2	2.179	3.125	6.5	19.2
11 17	4 5.07	+11 21.1	2.152	3.127	3.6	19.0
11 27	3 56.69	+11 9.3	2.154	3.129	3.3	19.0
12 7	3 48.65	+11 4.8	2.186	3.132	6.1	19.2
12 17	3 41.74	+11 9.1	2.246	3.134	9.2	19.3
12 27	3 36.59	+11 23.0	2.330	3.136	12.0	19.5

21559 Jingyuanluo 11 24.0 184.°84 3.°3/26.1 18

10 18	4 30.35	+32 54.4	2.505	3.265	12.9	19.0
10 28	4 24.38	+32 52.6	2.413	3.265	10.4	18.8
11 7	4 16.22	+32 38.6	2.343	3.265	7.5	18.7
11 17	4 6.48	+32 10.8	2.301	3.264	4.7	18.5
11 27	3 56.12	+31 29.4	2.288	3.262	3.3	18.4
12 7	3 46.19	+30 37.3	2.306	3.260	5.2	18.5
12 17	3 37.60	+29 39.1	2.354	3.257	8.1	18.7
12 27	3 31.09	+28 40.3	2.428	3.253	10.9	18.9

223306 2003 OV_{6} 11 24.0 79.°31 2.°3/25.4 18

10 18	4 25.94	+29 23.2	2.210	2.997	13.6	20.0
10 28	4 21.15	+29 12.8	2.130	3.002	10.8	19.8
11 7	4 14.16	+28 51.1	2.072	3.008	7.5	19.6
11 17	4 5.63	+28 17.6	2.040	3.013	4.0	19.4
11 27	3 56.52	+27 33.7	2.037	3.019	2.4	19.3
12 7	3 47.88	+26 42.8	2.064	3.024	5.1	19.5
12 17	3 40.63	+25 49.7	2.119	3.029	8.5	19.7
12 27	3 35.47	+24 59.3	2.201	3.035	11.6	19.9

288115 2003 WY_{62} 11 24.0 14.°32 1.°4/24.6 18

10 18	4 23.03	+25 21.7	1.195	2.037	19.7	20.1
10 28	4 20.38	+25 9.3	1.137	2.043	15.4	19.9
11 7	4 14.34	+24 43.5	1.096	2.050	10.3	19.6
11 17	4 5.85	+24 4.6	1.078	2.059	4.7	19.3
11 27	3 56.44	+23 16.2	1.084	2.070	2.0	19.2
12 7	3 47.86	+22 24.5	1.116	2.082	7.3	19.6
12 17	3 41.51	+21 36.8	1.171	2.095	12.4	19.9
12 27	3 38.33	+20 59.1	1.247	2.109	16.8	20.2

453532 2009 WF_{14} 11 24.0 312.°65 3.°0/23.2 17

10 18	4 26.92	+10 50.4	2.034	2.845	13.8	20.8
10 28	4 22.17	+11 3.2	1.935	2.825	10.9	20.6
11 7	4 15.07	+11 20.3	1.860	2.806	7.4	20.3
11 17	4 6.14	+11 43.1	1.810	2.786	4.0	20.1
11 27	3 56.27	+12 12.7	1.790	2.767	3.4	20.0
12 7	3 46.54	+12 49.8	1.799	2.749	6.7	20.2
12 17	3 38.01	+13 34.5	1.835	2.731	10.5	20.4
12 27	3 31.55	+14 26.6	1.897	2.713	13.9	20.6

296250 2009 DC_{20} 11 24.0 1.°30 12.°8/ 1.3 17

10 18	4 38.02	+53 3.8	1.815	2.499	19.6	20.0
10 28	4 32.84	+54 25.4	1.740	2.499	17.7	19.8
11 7	4 23.12	+55 22.4	1.681	2.498	15.7	19.7
11 17	4 9.77	+55 45.3	1.641	2.498	14.0	19.6
11 27	3 54.75	+55 27.3	1.622	2.499	12.9	19.5
12 7	3 40.57	+54 28.9	1.626	2.499	13.0	19.5
12 17	3 29.38	+52 57.6	1.653	2.500	14.2	19.6
12 27	3 22.54	+51 5.7	1.702	2.501	16.0	19.7

240135 2002 JN_{36} 11 24.0 258.°84 2.°4/22.7 18

10 18	4 26.13	+18 15.2	1.830	2.647	14.9	20.3
10 28	4 21.66	+17 14.2	1.742	2.637	11.5	20.0
11 7	4 14.71	+16 5.6	1.676	2.627	7.6	19.8
11 17	4 5.95	+14 52.7	1.637	2.617	3.6	19.5
11 27	3 56.41	+13 40.7	1.627	2.607	3.1	19.5
12 7	3 47.27	+12 35.6	1.645	2.597	7.1	19.7
12 17	3 39.61	+11 42.6	1.691	2.586	11.2	19.9
12 27	3 34.25	+11 5.2	1.760	2.575	14.8	20.1

482604 2013 AL_{3} 11 24.0 280.°14 15.°0/17.5 18

10 18	4 31.39	−22 14.7	2.006	2.711	17.4	20.6
10 28	4 25.55	−23 18.1	1.934	2.690	16.3	20.5
11 7	4 17.20	−23 57.1	1.880	2.669	15.4	20.3
11 17	4 6.99	−24 3.1	1.846	2.648	15.0	20.3
11 27	3 55.96	−23 30.0	1.833	2.627	15.3	20.3
12 7	3 45.31	−22 16.4	1.841	2.606	16.3	20.3
12 17	3 36.13	−20 25.7	1.870	2.584	17.7	20.3
12 27	3 29.25	−18 4.5	1.918	2.563	19.3	20.4

509425 2007 EQ_{67} 11 24.0 203.°64 1.°2/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 29.18	+18 40.8	1.906	2.714	14.7	22.6
10 28	4 23.92	+18 20.8	1.821	2.711	11.4	22.4
11 7	4 16.15	+17 55.9	1.758	2.707	7.5	22.1
11 17	4 6.55	+17 27.7	1.721	2.703	3.2	21.9
11 27	3 56.15	+16 58.6	1.714	2.698	2.0	21.8
12 7	3 46.15	+16 32.0	1.736	2.692	6.3	22.0
12 17	3 37.64	+16 11.4	1.785	2.686	10.4	22.3
12 27	3 31.45	+16 0.0	1.859	2.680	13.9	22.5

100049 Cesarann 11 24.0 15.°52 1.°5/23.7 18

10 18	4 24.95	+17 43.9	1.030	1.888	21.0	19.4
10 28	4 22.20	+17 46.0	0.976	1.893	16.2	19.1
11 7	4 15.72	+17 44.8	0.940	1.900	10.6	18.8
11 17	4 6.50	+17 41.7	0.925	1.908	4.5	18.5
11 27	3 56.20	+17 39.2	0.933	1.918	2.6	18.4
12 7	3 46.77	+17 40.8	0.965	1.930	8.5	18.8
12 17	3 39.79	+17 49.7	1.020	1.942	14.0	19.2
12 27	3 36.31	+18 8.2	1.094	1.956	18.6	19.5

274171 2008 GM_{47} 11 24.0 206.°21 3.°2/22.6 18

10 18	4 28.93	+14 37.6	1.756	2.572	15.5	21.6
10 28	4 23.85	+13 57.0	1.675	2.568	12.0	21.4
11 7	4 16.16	+13 13.6	1.616	2.565	8.0	21.2
11 17	4 6.56	+12 30.8	1.582	2.560	4.2	20.9
11 27	3 56.16	+11 52.6	1.578	2.555	3.8	20.9
12 7	3 46.19	+11 23.5	1.601	2.550	7.6	21.1
12 17	3 37.79	+11 6.6	1.652	2.544	11.6	21.3
12 27	3 31.81	+11 3.9	1.725	2.538	15.2	21.5

484259 2007 GO_{48} 11 24.0 142.°18 0.°5/24.3 18

10 18	4 26.45	+22 24.1	2.804	3.591	11.0	22.1
10 28	4 21.00	+22 31.9	2.723	3.600	8.5	21.9
11 7	4 13.84	+22 35.2	2.666	3.609	5.6	21.8
11 17	4 5.47	+22 33.9	2.639	3.618	2.5	21.6
11 27	3 56.63	+22 28.7	2.641	3.627	1.0	21.5
12 7	3 48.10	+22 20.9	2.676	3.635	4.1	21.7
12 17	3 40.60	+22 12.6	2.740	3.642	7.1	21.9
12 27	3 34.72	+22 6.2	2.831	3.649	9.7	22.1

222191 2000 DL_{34} 11 24.0 299.°19 1.°4/23.5 18

10 18	4 26.80	+19 8.3	1.435	2.266	17.6	20.8
10 28	4 23.04	+18 45.0	1.348	2.250	13.7	20.5
11 7	4 16.11	+18 14.9	1.281	2.235	9.1	20.2
11 17	4 6.70	+17 39.6	1.237	2.219	3.9	19.9
11 27	3 56.08	+17 2.8	1.220	2.204	2.5	19.7
12 7	3 45.81	+16 29.2	1.230	2.190	7.7	20.0
12 17	3 37.36	+16 4.1	1.264	2.175	12.9	20.3
12 27	3 31.86	+15 51.6	1.320	2.161	17.4	20.5

295519 2008 RK_{109} 11 24.0 262.°17 2.°1/25.1 18

10 18	4 25.66	+27 30.6	2.433	3.219	12.6	21.1
10 28	4 20.91	+27 39.3	2.337	3.210	9.9	20.9
11 7	4 14.06	+27 39.8	2.264	3.201	6.9	20.7
11 17	4 5.65	+27 31.2	2.218	3.192	3.7	20.5
11 27	3 56.54	+27 13.7	2.201	3.183	2.2	20.4
12 7	3 47.70	+26 49.2	2.215	3.174	4.9	20.5
12 17	3 40.02	+26 21.0	2.257	3.164	8.2	20.7
12 27	3 34.25	+25 53.0	2.325	3.155	11.2	20.9

483722 2005 TL_{87} 11 24.0 70.°30 0.°2/24.1 17

10 18	4 26.73	+21 40.0	1.979	2.787	14.3	22.1
10 28	4 21.89	+21 38.0	1.905	2.794	11.0	21.9
11 7	4 14.73	+21 30.2	1.853	2.801	7.2	21.7
11 17	4 5.92	+21 16.9	1.827	2.809	3.1	21.5
11 27	3 56.46	+20 59.7	1.831	2.816	1.3	21.3
12 7	3 47.47	+20 41.1	1.863	2.823	5.5	21.6
12 17	3 39.92	+20 24.4	1.923	2.831	9.3	21.9
12 27	3 34.57	+20 12.8	2.008	2.838	12.7	22.1

12597 1999 RL_{158} 11 24.0 227.°62 1.°3/23.4 18

10 18	4 25.05	+17 50.5	2.160	2.969	13.2	18.6
10 28	4 20.43	+17 31.8	2.077	2.968	10.1	18.4
11 7	4 13.71	+17 9.7	2.017	2.967	6.6	18.2
11 17	4 5.50	+16 45.6	1.985	2.966	2.9	17.9
11 27	3 56.65	+16 21.9	1.981	2.964	2.0	17.9
12 7	3 48.16	+16 1.3	2.007	2.963	5.6	18.1
12 17	3 40.92	+15 46.5	2.061	2.962	9.2	18.3
12 27	3 35.62	+15 39.8	2.140	2.960	12.4	18.5

195845 2002 QB_{72} 11 24.0 133.°58 0.°4/23.8 18

10 18	4 24.69	+20 0.1	2.689	3.486	11.2	21.6
10 28	4 19.67	+19 47.4	2.611	3.495	8.6	21.4
11 7	4 12.98	+19 30.8	2.557	3.504	5.6	21.2
11 17	4 5.12	+19 11.1	2.531	3.513	2.3	21.0
11 27	3 56.82	+18 49.9	2.536	3.521	1.2	20.9
12 7	3 48.87	+18 29.4	2.572	3.529	4.4	21.2
12 17	3 41.95	+18 11.8	2.636	3.537	7.5	21.4
12 27	3 36.64	+17 59.3	2.728	3.544	10.1	21.6

517958 2015 TO_{359} 11 24.0 119°.24 0°.8/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 26.04	+19 39.4	2.098	2.906	13.6	21.7
10 28	4 21.20	+19 19.9	2.021	2.911	10.4	21.5
11 7	4 14.21	+18 55.6	1.967	2.916	6.8	21.3
11 17	4 5.69	+18 27.7	1.939	2.921	2.9	21.1
11 27	3 56.59	+17 58.5	1.941	2.926	1.6	21.0
12 7	3 47.91	+17 31.2	1.972	2.930	5.5	21.3
12 17	3 40.56	+17 8.8	2.032	2.935	9.2	21.5
12 27	3 35.26	+16 54.1	2.116	2.939	12.4	21.7

140152 2001 SS_{165} 11 24.0 313°.70 6°.7/26.8 18

10 18	4 29.09	+36 55.8	1.808	2.580	16.8	19.4
10 28	4 24.76	+37 42.3	1.717	2.568	14.0	19.2
11 7	4 17.23	+38 13.6	1.646	2.557	10.9	19.0
11 17	4 7.19	+38 24.6	1.598	2.546	8.0	18.8
11 27	3 55.90	+38 12.1	1.576	2.535	6.7	18.7
12 7	3 44.96	+37 37.5	1.581	2.524	8.1	18.8
12 17	3 35.86	+36 46.2	1.611	2.514	11.2	18.9
12 27	3 29.73	+35 46.5	1.666	2.504	14.4	19.1

298366 2003 QX_{95} 11 24.0 110°.44 3°.5/22.3 18

10 18	4 28.19	+12 55.0	1.958	2.769	14.3	22.0
10 28	4 22.73	+12 8.4	1.896	2.786	11.0	21.8
11 7	4 15.11	+11 21.4	1.857	2.803	7.4	21.6
11 17	4 6.02	+10 37.4	1.845	2.820	4.2	21.5
11 27	3 56.48	+10 0.4	1.862	2.836	4.0	21.5
12 7	3 47.50	+ 9 33.8	1.909	2.851	7.0	21.7
12 17	3 40.00	+ 9 19.8	1.982	2.867	10.4	21.9
12 27	3 34.62	+ 9 19.2	2.080	2.881	13.4	22.2

362216 2009 HL_{66} 11 24.0 298°.51 8°.0/19.7 18

10 18	4 23.45	+ 3 5.0	1.793	2.611	15.1	21.0
10 28	4 19.57	+ 1 40.6	1.714	2.598	12.4	20.8
11 7	4 13.35	+ 0 21.1	1.658	2.584	9.7	20.6
11 17	4 5.41	− 0 46.3	1.626	2.571	8.1	20.5
11 27	3 56.69	− 1 34.6	1.621	2.558	8.7	20.5
12 7	3 48.31	− 1 59.4	1.641	2.545	11.0	20.6
12 17	3 41.27	− 1 58.9	1.685	2.532	13.9	20.7
12 27	3 36.38	− 1 34.4	1.751	2.520	16.8	20.9

88380 2001 PQ_{40} 11 24.0 351°.98 4°.4/26.1 18

10 18	4 25.43	+32 32.7	1.583	2.385	17.5	18.5
10 28	4 21.88	+32 40.0	1.503	2.380	14.2	18.3
11 7	4 15.24	+32 30.7	1.443	2.376	10.3	18.0
11 17	4 6.28	+32 2.3	1.405	2.373	6.4	17.8
11 27	3 56.33	+31 14.9	1.394	2.371	4.4	17.7
12 7	3 46.94	+30 13.1	1.409	2.369	7.0	17.8
12 17	3 39.48	+29 4.0	1.450	2.368	11.0	18.1
12 27	3 34.92	+27 56.3	1.515	2.368	14.8	18.3

406979 2009 QE_{62} 11 24.0 26°.24 1°.0/23.6 16

10 18	4 24.40	+18 58.1	1.607	2.435	16.1	20.8
10 28	4 20.46	+18 46.3	1.547	2.448	12.4	20.6
11 7	4 13.93	+18 30.1	1.508	2.461	8.0	20.4
11 17	4 5.61	+18 10.9	1.494	2.476	3.4	20.2
11 27	3 56.65	+17 51.4	1.506	2.491	1.9	20.1
12 7	3 48.31	+17 34.9	1.547	2.507	6.4	20.4
12 17	3 41.65	+17 24.3	1.613	2.524	10.6	20.7
12 27	3 37.44	+17 22.3	1.702	2.541	14.2	21.0

366804 2005 AS_{74} 11 24.0 57°.94 4°.3/22.0 18

10 18	4 23.87	+ 8 9.3	2.224	3.034	12.8	21.0
10 28	4 19.30	+ 7 39.9	2.154	3.041	10.0	20.8
11 7	4 12.86	+ 7 14.0	2.107	3.047	7.1	20.7
11 17	4 5.11	+ 6 54.7	2.088	3.054	4.7	20.5
11 27	3 56.86	+ 6 44.9	2.096	3.061	4.7	20.5
12 7	3 49.00	+ 6 46.5	2.134	3.068	7.0	20.7
12 17	3 42.30	+ 7 0.4	2.199	3.075	9.9	20.9
12 27	3 37.38	+ 7 26.2	2.288	3.082	12.5	21.1

66466 1999 RK_{16} 11 24.0 7°.71 5°.2/25.7 18

10 18	4 19.32	+29 0.5	0.937	1.795	22.6	17.4
10 28	4 18.57	+29 47.9	0.885	1.797	18.1	17.1
11 7	4 13.75	+30 18.6	0.850	1.801	12.9	16.9
11 17	4 5.80	+30 28.2	0.834	1.809	7.6	16.6
11 27	3 56.58	+30 15.7	0.839	1.819	5.3	16.6
12 7	3 48.27	+29 45.7	0.866	1.832	8.8	16.8
12 17	3 42.65	+29 6.5	0.914	1.847	13.8	17.1
12 27	3 40.85	+28 27.6	0.982	1.865	18.4	17.5

452487 2004 FB_{1} 11 24.1 163°.70 5°.1/21.4 18

10 18	4 25.73	+ 5 32.4	2.408	3.207	12.3	22.3
10 28	4 20.57	+ 4 50.7	2.335	3.212	9.8	22.1
11 7	4 13.62	+ 4 13.4	2.285	3.216	7.2	22.0
11 17	4 5.43	+ 3 44.0	2.263	3.220	5.3	21.8
11 27	3 56.76	+ 3 25.9	2.271	3.223	5.4	21.9
12 7	3 48.44	+ 3 21.2	2.307	3.226	7.4	22.0
12 17	3 41.22	+ 3 30.6	2.371	3.229	10.0	22.2
12 27	3 35.71	+ 3 53.7	2.459	3.230	12.4	22.3

223392 2003 SU_{94} 11 24.1 127°.62 1°.5/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 25.57	+27 17.7	2.435	3.221	12.5	20.4
10 28	4 20.65	+27 2.9	2.352	3.227	9.8	20.2
11 7	4 13.76	+26 38.9	2.294	3.233	6.7	20.1
11 17	4 5.51	+26 5.6	2.262	3.239	3.3	19.8
11 27	3 56.74	+25 24.6	2.261	3.244	1.7	19.7
12 7	3 48.39	+24 39.0	2.289	3.249	4.6	20.0
12 17	3 41.26	+23 52.7	2.347	3.254	7.9	20.2
12 27	3 36.01	+23 9.9	2.430	3.259	10.8	20.4

58866 1998 HP_{110} 11 24.1 146°.40 2°.7/22.7 18

10 18	4 25.27	+13 35.7	2.271	3.079	12.7	20.0
10 28	4 20.41	+13 9.0	2.194	3.083	9.8	19.8
11 7	4 13.61	+12 41.7	2.141	3.087	6.5	19.6
11 17	4 5.46	+12 16.1	2.115	3.091	3.5	19.4
11 27	3 56.77	+11 55.0	2.118	3.095	3.1	19.4
12 7	3 48.46	+11 40.8	2.151	3.098	6.0	19.6
12 17	3 41.32	+11 35.5	2.212	3.101	9.2	19.8
12 27	3 36.00	+11 40.0	2.298	3.104	12.1	20.0

392343 2010 EK_{133} 11 24.1 183°.79 3°.6/22.3 18

10 18	4 27.32	+11 33.4	2.229	3.033	13.0	22.2
10 28	4 22.01	+10 54.9	2.148	3.034	10.1	22.0
11 7	4 14.69	+10 16.6	2.090	3.034	6.9	21.8
11 17	4 5.92	+ 9 41.5	2.061	3.033	4.1	21.7
11 27	3 56.58	+ 9 12.9	2.061	3.032	4.0	21.6
12 7	3 47.60	+ 8 53.9	2.091	3.030	6.8	21.8
12 17	3 39.83	+ 8 46.3	2.148	3.028	9.9	22.0
12 27	3 33.96	+ 8 51.0	2.230	3.025	12.8	22.2

446456 2014 JP_{67} 11 24.1 321°.58 3°.1/22.3 18

10 18	4 25.10	+16 43.7	1.765	2.587	15.1	20.8
10 28	4 20.86	+15 34.3	1.687	2.585	11.7	20.6
11 7	4 14.17	+14 18.7	1.631	2.582	7.8	20.4
11 17	4 5.76	+13 1.1	1.602	2.580	4.0	20.1
11 27	3 56.65	+11 47.4	1.601	2.578	3.8	20.1
12 7	3 48.04	+10 43.8	1.628	2.576	7.5	20.4
12 17	3 40.93	+ 9 54.9	1.682	2.575	11.4	20.6
12 27	3 36.12	+ 9 23.6	1.759	2.573	14.9	20.8

235137 2003 QK_{63} 11 24.1 68°.13 8°.6/20.8 18

10 18	4 28.70	+ 1 13.9	1.612	2.424	16.8	20.0
10 28	4 23.27	− 0 4.0	1.576	2.453	13.6	19.8
11 7	4 15.47	− 1 10.3	1.561	2.482	10.6	19.7
11 17	4 6.18	− 1 58.6	1.570	2.511	8.8	19.7
11 27	3 56.54	− 2 23.5	1.606	2.540	9.0	19.8
12 7	3 47.72	− 2 23.3	1.667	2.568	11.0	19.9
12 17	3 40.62	− 1 59.3	1.753	2.597	13.6	20.2
12 27	3 35.89	− 1 15.1	1.859	2.625	16.1	20.4

493973 2016 AP_{71} 11 24.1 57°.06 2°.2/25.4 18

10 18	4 25.78	+29 28.5	2.140	2.929	14.0	20.6
10 28	4 21.11	+29 12.1	2.061	2.935	11.0	20.4
11 7	4 14.20	+28 43.7	2.005	2.942	7.6	20.2
11 17	4 5.73	+28 3.1	1.975	2.949	4.1	20.0
11 27	3 56.69	+27 12.0	1.974	2.955	2.3	19.9
12 7	3 48.15	+26 14.3	2.002	2.962	5.1	20.1
12 17	3 41.05	+25 15.1	2.058	2.969	8.6	20.3
12 27	3 36.08	+24 19.8	2.140	2.976	11.8	20.5

443530 2014 JP_{71} 11 24.1 298°.72 0°.3/23.9 18

10 18	4 26.00	+23 7.7	1.712	2.528	15.8	20.5
10 28	4 21.84	+22 28.1	1.626	2.520	12.3	20.3
11 7	4 14.99	+21 37.7	1.562	2.512	8.1	20.0
11 17	4 6.17	+20 37.9	1.523	2.504	3.4	19.7
11 27	3 56.49	+19 32.7	1.511	2.497	1.6	19.6
12 7	3 47.28	+18 27.7	1.528	2.489	6.4	19.9
12 17	3 39.68	+17 29.1	1.572	2.482	10.9	20.1
12 27	3 34.59	+16 42.1	1.640	2.474	14.8	20.4

440415 2005 QR_{68} 11 24.1 32°.00 15°.3/ 3.0 17

10 18	4 41.57	+54 43.5	1.549	2.237	22.3	19.9
10 28	4 36.70	+56 54.6	1.504	2.256	20.3	19.8
11 7	4 26.30	+58 36.7	1.474	2.277	18.2	19.7
11 17	4 11.34	+59 38.0	1.462	2.299	16.5	19.6
11 27	3 54.31	+59 50.4	1.469	2.321	15.5	19.6
12 7	3 38.48	+59 14.9	1.496	2.345	15.4	19.7
12 17	3 26.56	+58 1.0	1.544	2.369	16.1	19.8
12 27	3 20.01	+56 23.0	1.611	2.393	17.4	19.9

76759 2000 KA_{9} 11 24.1 13°.81 0°.3/24.2 18

10 18	4 24.07	+22 10.7	2.091	2.900	13.6	18.9
10 28	4 19.82	+22 6.3	2.012	2.902	10.5	18.7
11 7	4 13.40	+21 56.0	1.956	2.904	6.9	18.5
11 17	4 5.43	+21 40.1	1.926	2.907	3.0	18.2
11 27	3 56.82	+21 20.2	1.925	2.910	1.2	18.1
12 7	3 48.60	+20 58.8	1.953	2.914	5.2	18.4
12 17	3 41.69	+20 39.2	2.008	2.918	8.9	18.6
12 27	3 36.80	+20 24.4	2.089	2.922	12.1	18.9

123975 2001 FV_{30} 11 24.1 234°.75 0°.3/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 25.09	+20 25.0	2.319	3.122	12.6	19.5
10 28	4 20.40	+20 18.8	2.233	3.120	9.7	19.4
11 7	4 13.70	+20 8.3	2.170	3.118	6.4	19.1
11 17	4 5.54	+19 53.9	2.134	3.116	2.7	18.9
11 27	3 56.77	+19 37.1	2.128	3.113	1.2	18.8
12 7	3 48.31	+19 20.3	2.152	3.111	5.0	19.0
12 17	3 41.01	+19 5.9	2.204	3.109	8.5	19.3
12 27	3 35.58	+18 56.6	2.282	3.107	11.6	19.5

41818 2000 WC_{41} 11 24.1 14°.89 9°.7/22.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 22.45	+ 2 28.6	0.972	1.832	21.8	16.9
10 28	4 20.05	+ 1 50.8	0.932	1.841	17.6	16.7
11 7	4 14.17	+ 1 29.3	0.908	1.852	13.4	16.5
11 17	4 5.85	+ 1 31.9	0.904	1.865	10.2	16.4
11 27	3 56.71	+ 2 3.1	0.921	1.881	10.0	16.4
12 7	3 48.49	+ 3 2.6	0.961	1.898	12.8	16.7
12 17	3 42.59	+ 4 25.8	1.021	1.918	16.6	16.9
12 27	3 39.91	+ 6 5.9	1.100	1.939	20.2	17.3

403402 2009 RR_{45} 11 24.1 86°.24 2°.7/22.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 24.75	+14 43.1	2.225	3.035	12.8	21.0
10 28	4 19.93	+13 55.6	2.161	3.052	9.8	20.8
11 7	4 13.23	+13 6.3	2.120	3.068	6.5	20.7
11 17	4 5.28	+12 18.2	2.107	3.084	3.5	20.5
11 27	3 56.93	+11 35.0	2.124	3.100	3.2	20.5
12 7	3 49.06	+10 59.8	2.170	3.116	6.1	20.7
12 17	3 42.43	+10 35.3	2.244	3.132	9.2	20.9
12 27	3 37.62	+10 22.8	2.343	3.147	12.0	21.2

7951 1992 WC_{2} 11 24.1 7°.98 0°.1/24.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 23.50	+21 21.5	1.796	2.616	15.0	17.8
10 28	4 19.71	+21 13.3	1.721	2.618	11.6	17.6
11 7	4 13.49	+20 58.9	1.668	2.620	7.6	17.3
11 17	4 5.51	+20 39.1	1.641	2.623	3.2	17.1
11 27	3 56.81	+20 16.0	1.641	2.626	1.4	17.0
12 7	3 48.57	+19 52.7	1.669	2.631	5.8	17.3
12 17	3 41.81	+19 32.7	1.723	2.636	9.9	17.5
12 27	3 37.35	+19 19.5	1.802	2.641	13.5	17.8

307163 2002 DG_{11} 11 24.1 321°.73 4°.3/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 29.62	+29 20.2	1.259	2.079	20.1	20.9
10 28	4 25.98	+29 47.0	1.182	2.072	16.2	20.6
11 7	4 18.46	+29 59.4	1.122	2.065	11.5	20.3
11 17	4 7.86	+29 53.5	1.084	2.058	6.6	20.0
11 27	3 55.80	+29 27.7	1.071	2.052	4.4	19.9
12 7	3 44.29	+28 45.8	1.083	2.046	8.1	20.1
12 17	3 35.18	+27 55.5	1.119	2.040	13.2	20.4
12 27	3 29.73	+27 6.4	1.176	2.035	17.8	20.6

272485 2005 UC_{118} 11 24.1 180°.88 0°.6/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 30.60	+23 20.2	1.913	2.712	15.0	22.0
10 28	4 25.08	+23 12.6	1.830	2.714	11.7	21.8
11 7	4 16.98	+22 57.1	1.769	2.714	7.8	21.6
11 17	4 6.99	+22 33.7	1.734	2.714	3.4	21.3
11 27	3 56.21	+22 3.9	1.729	2.714	1.4	21.1
12 7	3 45.89	+21 31.0	1.752	2.713	5.8	21.4
12 17	3 37.15	+20 59.3	1.804	2.711	9.9	21.7
12 27	3 30.83	+20 33.3	1.881	2.709	13.5	21.9

226516 2003 UR_{46} 11 24.1 101°.72 1°.3/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 24.56	+18 5.0	2.411	3.215	12.1	21.2
10 28	4 19.74	+17 37.9	2.338	3.227	9.3	21.0
11 7	4 13.11	+17 7.2	2.290	3.239	6.0	20.8
11 17	4 5.26	+16 34.8	2.269	3.250	2.7	20.6
11 27	3 56.96	+16 3.1	2.279	3.261	1.9	20.6
12 7	3 49.07	+15 34.8	2.318	3.273	5.1	20.8
12 17	3 42.33	+15 12.5	2.386	3.284	8.3	21.0
12 27	3 37.32	+14 58.2	2.480	3.294	11.1	21.2

514224 2015 OC_{64} 11 24.1 127°.08 0°.6/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 31.39	+17 30.5	1.981	2.783	14.5	21.3
10 28	4 25.51	+17 53.3	1.904	2.790	11.2	21.1
11 7	4 17.18	+18 15.0	1.850	2.798	7.3	20.9
11 17	4 7.07	+18 35.1	1.824	2.805	3.1	20.7
11 27	3 56.21	+18 54.0	1.827	2.812	1.5	20.6
12 7	3 45.76	+19 12.4	1.860	2.819	5.7	20.9
12 17	3 36.80	+19 31.7	1.922	2.825	9.6	21.1
12 27	3 30.13	+19 53.9	2.009	2.831	13.0	21.3

285296 1998 TZ_{4} 11 24.1 37°.04 2°.4/25.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 27.88	+26 24.2	2.070	2.864	14.2	20.4
10 28	4 22.92	+26 57.3	1.992	2.870	11.2	20.2
11 7	4 15.54	+27 23.1	1.936	2.875	7.7	20.0
11 17	4 6.40	+27 39.7	1.907	2.882	4.1	19.8
11 27	3 56.48	+27 46.6	1.907	2.888	2.6	19.7
12 7	3 46.96	+27 44.9	1.935	2.894	5.5	19.9
12 17	3 38.87	+27 37.6	1.992	2.901	9.0	20.1
12 27	3 33.03	+27 28.7	2.073	2.908	12.2	20.3

240138 2002 JR_{63} 11 24.1 205°.18 1°.0/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 27.80	+20 24.1	2.224	3.024	13.2	21.4
10 28	4 22.53	+19 43.9	2.133	3.019	10.2	21.2
11 7	4 15.12	+18 56.9	2.066	3.014	6.7	21.0
11 17	4 6.17	+18 4.7	2.027	3.008	2.8	20.7
11 27	3 56.59	+17 10.5	2.017	3.001	1.8	20.6
12 7	3 47.36	+16 18.5	2.039	2.994	5.6	20.9
12 17	3 39.42	+15 32.8	2.089	2.986	9.3	21.1
12 27	3 33.47	+14 56.8	2.164	2.978	12.5	21.3

27206 1999 CZ_{80} 11 24.1 35°.44 0°.4/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 23.37	+22 5.3	2.244	3.050	12.9	17.6
10 28	4 19.06	+21 26.3	2.165	3.054	9.9	17.4
11 7	4 12.79	+20 40.0	2.109	3.058	6.5	17.2
11 17	4 5.16	+19 48.1	2.081	3.062	2.7	17.0
11 27	3 57.02	+18 53.6	2.082	3.067	1.3	16.9
12 7	3 49.30	+18 0.7	2.112	3.071	5.1	17.2
12 17	3 42.81	+17 13.2	2.172	3.076	8.6	17.4
12 27	3 38.19	+16 34.5	2.256	3.081	11.7	17.6

522035 2015 XS_{408} 11 24.1 319°.58 2°.8/23.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 24.71	+12 42.0	2.062	2.877	13.5	21.3
10 28	4 20.37	+12 35.6	1.973	2.866	10.5	21.1
11 7	4 13.84	+12 30.6	1.908	2.856	7.1	20.9
11 17	4 5.69	+12 28.6	1.868	2.846	3.7	20.7
11 27	3 56.78	+12 31.8	1.858	2.836	3.2	20.6
12 7	3 48.12	+12 41.9	1.876	2.827	6.4	20.8
12 17	3 40.68	+13 0.1	1.922	2.818	10.0	21.0
12 27	3 35.22	+13 27.1	1.991	2.809	13.3	21.2

126612 2002 CW_{145} 11 24.1 160°.75 2°.1/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 28.33	+15 57.0	2.235	3.037	13.0	21.0
10 28	4 22.77	+15 23.2	2.157	3.044	10.0	20.8
11 7	4 15.18	+14 46.6	2.104	3.051	6.6	20.6
11 17	4 6.16	+14 9.5	2.077	3.056	3.2	20.4
11 27	3 56.61	+13 34.9	2.081	3.061	2.7	20.4
12 7	3 47.48	+13 5.9	2.116	3.065	5.9	20.6
12 17	3 39.63	+12 45.2	2.178	3.069	9.3	20.8
12 27	3 33.72	+12 34.6	2.266	3.072	12.3	21.0

194749 2001 YU_{31} 11 24.1 75°.47 0°.7/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 31.61	+23 8.1	1.538	2.350	17.4	20.3
10 28	4 26.13	+23 6.4	1.480	2.371	13.5	20.1
11 7	4 17.72	+22 56.3	1.443	2.392	8.9	19.9
11 17	4 7.28	+22 37.8	1.431	2.412	3.9	19.6
11 27	3 56.20	+22 12.6	1.447	2.432	1.5	19.5
12 7	3 45.92	+21 44.8	1.491	2.453	6.4	19.9
12 17	3 37.68	+21 18.9	1.561	2.473	10.8	20.2
12 27	3 32.27	+20 59.5	1.655	2.493	14.6	20.5

107072 2001 AL_{18} 11 24.1 220°.14 11°.9/17.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 28.12	− 8 56.2	1.912	2.686	15.9	19.1
10 28	4 23.01	−10 45.6	1.845	2.677	14.0	19.0
11 7	4 15.56	−12 20.9	1.800	2.668	12.5	18.9
11 17	4 6.41	−13 33.4	1.778	2.658	11.9	18.8
11 27	3 56.52	−14 15.5	1.781	2.647	12.5	18.8
12 7	3 46.99	−14 24.0	1.808	2.636	14.1	18.9
12 17	3 38.85	−13 59.3	1.857	2.623	16.1	19.0
12 27	3 32.87	−13 5.6	1.923	2.610	18.1	19.1

51045 2000 GL_{135} 11 24.1 27°.60 8°.0/21.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 25.37	+ 2 21.3	1.539	2.362	16.9	17.9
10 28	4 21.19	+ 1 33.3	1.483	2.370	13.7	17.7
11 7	4 14.45	+ 0 55.6	1.448	2.378	10.5	17.6
11 17	4 5.92	+ 0 34.2	1.436	2.387	8.3	17.5
11 27	3 56.75	+ 0 33.9	1.449	2.397	8.4	17.5
12 7	3 48.18	+ 0 56.4	1.488	2.408	10.7	17.6
12 17	3 41.26	+ 1 40.6	1.551	2.419	13.8	17.9
12 27	3 36.78	+ 2 43.0	1.635	2.430	16.7	18.1

17170 Vsevustinov 11 24.1 179°.08 2°.0/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 32.27	+15 55.9	1.733	2.542	15.9	18.0
10 28	4 26.52	+15 47.0	1.654	2.544	12.3	17.8
11 7	4 18.02	+15 36.4	1.597	2.545	8.2	17.5
11 17	4 7.49	+15 25.5	1.566	2.546	3.7	17.3
11 27	3 56.08	+15 16.4	1.563	2.546	2.7	17.2
12 7	3 45.14	+15 11.7	1.590	2.545	6.9	17.4
12 17	3 35.88	+15 13.9	1.644	2.543	11.2	17.7
12 27	3 29.20	+15 25.0	1.722	2.541	14.9	17.9

178550 1999 VK_{78} 11 24.1 16°.98 3°.2/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 24.77	+26 23.2	0.951	1.804	22.6	18.6
10 28	4 22.62	+26 47.5	0.900	1.811	17.8	18.3
11 7	4 16.32	+26 57.2	0.866	1.820	12.2	18.0
11 17	4 6.93	+26 50.1	0.851	1.831	6.2	17.7
11 27	3 56.35	+26 26.8	0.859	1.843	3.4	17.6
12 7	3 46.80	+25 53.0	0.890	1.857	8.4	18.0
12 17	3 40.04	+25 16.6	0.942	1.872	13.9	18.3
12 27	3 37.14	+24 45.8	1.014	1.889	18.6	18.7

72033 2000 XQ_{35} 11 24.1 291.°96 2.°4/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 32.76	+23 40.2	1.724	2.526	16.3	18.9
10 28	4 27.38	+24 36.8	1.637	2.520	12.9	18.6
11 7	4 18.92	+25 29.7	1.571	2.514	8.8	18.4
11 17	4 8.00	+26 15.7	1.531	2.508	4.5	18.1
11 27	3 55.83	+26 51.9	1.519	2.502	2.7	18.0
12 7	3 43.92	+27 17.9	1.536	2.496	6.5	18.2
12 17	3 33.69	+27 35.7	1.581	2.490	10.9	18.5
12 27	3 26.29	+27 49.6	1.649	2.484	14.7	18.7

276353 2002 UY_{20} 11 24.1 359.°91 2.°7/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 26.61	+24 52.7	1.139	1.979	20.5	20.1
10 28	4 23.71	+25 26.1	1.072	1.976	16.2	19.8
11 7	4 16.98	+25 50.2	1.022	1.974	11.1	19.5
11 17	4 7.26	+26 1.8	0.994	1.974	5.6	19.2
11 27	3 56.17	+26 0.3	0.990	1.974	3.0	19.1
12 7	3 45.72	+25 48.2	1.011	1.976	8.0	19.4
12 17	3 37.68	+25 31.4	1.054	1.979	13.4	19.7
12 27	3 33.28	+25 16.6	1.118	1.983	18.1	20.0

410950 2009 SS_{332} 11 24.1 50.°16 0.°3/23.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 26.35	+20 23.8	1.873	2.686	14.8	21.4
10 28	4 21.63	+20 16.4	1.810	2.703	11.3	21.2
11 7	4 14.59	+20 3.9	1.770	2.720	7.4	21.0
11 17	4 5.95	+19 47.2	1.755	2.737	3.1	20.8
11 27	3 56.77	+19 28.2	1.769	2.755	1.4	20.7
12 7	3 48.14	+19 9.9	1.812	2.772	5.6	21.1
12 17	3 41.05	+18 55.3	1.882	2.790	9.5	21.3
12 27	3 36.19	+18 47.1	1.977	2.809	12.8	21.6

84318 2002 TN_{45} 11 24.1 81.°56 0.°8/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 30.71	+20 54.4	1.464	2.284	17.8	20.1
10 28	4 25.53	+20 25.8	1.404	2.301	13.7	19.9
11 7	4 17.38	+19 49.3	1.366	2.318	8.9	19.7
11 17	4 7.17	+19 6.8	1.352	2.334	3.7	19.4
11 27	3 56.29	+18 22.3	1.366	2.351	1.9	19.4
12 7	3 46.24	+17 40.7	1.407	2.367	6.9	19.7
12 17	3 38.24	+17 7.1	1.474	2.383	11.5	20.0
12 27	3 33.09	+16 45.2	1.564	2.399	15.4	20.3

422857 2002 LW_{30} 11 24.1 111.°32 5.°1/22.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 32.77	+ 8 48.3	1.714	2.523	16.1	21.8
10 28	4 26.46	+ 8 6.9	1.660	2.546	12.6	21.6
11 7	4 17.67	+ 7 29.4	1.628	2.568	8.8	21.4
11 17	4 7.22	+ 6 59.9	1.622	2.589	5.7	21.3
11 27	3 56.28	+ 6 42.3	1.644	2.610	5.6	21.3
12 7	3 46.08	+ 6 39.0	1.695	2.630	8.4	21.5
12 17	3 37.62	+ 6 51.0	1.772	2.649	11.8	21.8
12 27	3 31.63	+ 7 17.3	1.873	2.667	14.9	22.0

74174 1998 RL_{11} 11 24.1 334.°83 7.°6/26.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 32.42	+36 59.5	1.722	2.492	17.6	19.2
10 28	4 27.62	+38 14.2	1.640	2.488	14.7	19.0
11 7	4 19.33	+39 14.8	1.577	2.484	11.6	18.8
11 17	4 8.26	+39 54.8	1.537	2.480	8.8	18.6
11 27	3 55.77	+40 9.2	1.524	2.476	7.6	18.5
12 7	3 43.63	+39 58.2	1.536	2.473	9.0	18.6
12 17	3 33.51	+39 26.7	1.574	2.470	11.9	18.8
12 27	3 26.64	+38 43.3	1.635	2.468	15.0	19.0

480242 2015 HN_{27} 11 24.1 104.°55 1.°0/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 32.46	+22 15.9	1.586	2.396	17.1	20.9
10 28	4 26.99	+22 37.5	1.515	2.405	13.3	20.7
11 7	4 18.48	+22 53.2	1.466	2.413	8.9	20.4
11 17	4 7.73	+23 1.6	1.441	2.422	4.0	20.2
11 27	3 56.06	+23 2.7	1.445	2.430	1.7	20.0
12 7	3 44.98	+22 58.7	1.476	2.438	6.5	20.4
12 17	3 35.82	+22 53.1	1.534	2.445	11.0	20.7
12 27	3 29.55	+22 50.3	1.616	2.453	14.9	20.9

277990 2006 UY_{7} 11 24.1 31.°27 0.°5/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 28.36	+19 29.9	0.951	1.808	22.4	19.6
10 28	4 24.90	+19 37.7	0.911	1.826	17.2	19.3
11 7	4 17.49	+19 39.7	0.888	1.846	11.2	19.1
11 17	4 7.32	+19 36.6	0.885	1.868	4.7	18.8
11 27	3 56.30	+19 30.5	0.906	1.891	2.1	18.7
12 7	3 46.48	+19 25.5	0.950	1.915	8.3	19.2
12 17	3 39.43	+19 25.6	1.016	1.940	13.8	19.6
12 27	3 36.04	+19 34.3	1.102	1.966	18.4	19.9

295364 2008 HA_{51} 11 24.1 151.°68 1.°3/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 25.77	+17 39.1	2.303	3.107	12.6	21.6
10 28	4 20.86	+17 22.7	2.222	3.111	9.7	21.4
11 7	4 13.99	+17 3.4	2.166	3.114	6.3	21.2
11 17	4 5.72	+16 42.4	2.137	3.117	2.8	21.0
11 27	3 56.90	+16 21.8	2.137	3.120	1.9	20.9
12 7	3 48.43	+16 4.1	2.168	3.123	5.3	21.2
12 17	3 41.15	+15 51.7	2.226	3.125	8.7	21.4
12 27	3 35.71	+15 46.6	2.311	3.128	11.7	21.6

144660 2004 FO_{117} 11 24.1 205.°99 3.°9/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 26.37	+ 9 48.4	2.171	2.979	13.2	20.3
10 28	4 21.42	+ 9 23.1	2.090	2.976	10.3	20.1
11 7	4 14.41	+ 9 0.2	2.031	2.974	7.2	19.9
11 17	4 5.93	+ 8 42.3	2.000	2.971	4.5	19.8
11 27	3 56.81	+ 8 32.5	1.998	2.968	4.3	19.7
12 7	3 48.02	+ 8 32.7	2.025	2.964	7.0	19.9
12 17	3 40.44	+ 8 44.4	2.079	2.961	10.1	20.1
12 27	3 34.75	+ 9 7.6	2.158	2.957	13.0	20.3

196027 2002 SB_{14} 11 24.1 112.°79 0.°0/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 25.20	+21 15.7	2.634	3.428	11.5	20.9
10 28	4 20.15	+21 7.4	2.559	3.441	8.8	20.7
11 7	4 13.38	+20 54.5	2.508	3.454	5.8	20.5
11 17	4 5.43	+20 37.6	2.485	3.466	2.4	20.3
11 27	3 57.03	+20 18.1	2.493	3.478	1.0	20.2
12 7	3 49.01	+19 58.2	2.531	3.490	4.4	20.5
12 17	3 42.06	+19 40.3	2.598	3.501	7.4	20.7
12 27	3 36.77	+19 26.6	2.692	3.513	10.1	20.9

182488 2001 SO_{158} 11 24.1 354.°04 8.°6/27.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 29.21	+38 6.2	1.542	2.322	18.9	19.9
10 28	4 25.52	+39 25.9	1.464	2.317	15.9	19.7
11 7	4 18.15	+40 29.5	1.406	2.313	12.7	19.5
11 17	4 7.81	+41 9.5	1.369	2.309	9.9	19.3
11 27	3 55.99	+41 20.8	1.357	2.307	8.6	19.3
12 7	3 44.59	+41 3.7	1.369	2.306	9.9	19.3
12 17	3 35.41	+40 24.0	1.406	2.306	12.7	19.5
12 27	3 29.73	+39 31.3	1.464	2.306	15.9	19.7

450063 2015 RQ_{45} 11 24.1 156.°61 1.°1/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 28.32	+24 43.1	2.018	2.816	14.4	21.5
10 28	4 23.24	+24 40.3	1.936	2.819	11.2	21.3
11 7	4 15.75	+24 29.3	1.877	2.821	7.5	21.1
11 17	4 6.52	+24 9.8	1.845	2.824	3.5	20.8
11 27	3 56.58	+23 43.0	1.841	2.826	1.5	20.7
12 7	3 47.07	+23 11.9	1.867	2.828	5.4	21.0
12 17	3 39.04	+22 40.6	1.921	2.830	9.3	21.2
12 27	3 33.26	+22 13.2	1.999	2.831	12.7	21.4

276694 2003 YE_{125} 11 24.1 37.°66 4.°7/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 28.07	+35 34.0	1.732	2.514	17.0	18.8
10 28	4 23.34	+35 27.5	1.677	2.539	13.8	18.6
11 7	4 15.82	+35 2.4	1.642	2.565	10.1	18.5
11 17	4 6.48	+34 17.6	1.631	2.592	6.5	18.3
11 27	3 56.66	+33 14.7	1.647	2.619	4.7	18.3
12 7	3 47.72	+31 59.3	1.691	2.647	6.5	18.4
12 17	3 40.75	+30 39.0	1.762	2.675	9.7	18.7
12 27	3 36.45	+29 21.4	1.858	2.704	12.9	19.0

75516 1999 XV_{203} 11 24.1 2.°12 9.°0/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 28.50	+40 52.7	1.442	2.219	20.1	19.1
10 28	4 25.11	+41 42.8	1.369	2.217	17.1	18.9
11 7	4 17.86	+42 10.5	1.314	2.217	13.8	18.7
11 17	4 7.64	+42 9.0	1.279	2.217	10.7	18.5
11 27	3 56.11	+41 34.7	1.268	2.218	9.1	18.5
12 7	3 45.32	+40 30.6	1.281	2.221	10.1	18.5
12 17	3 37.01	+39 5.7	1.318	2.224	12.9	18.7
12 27	3 32.35	+37 32.1	1.377	2.228	16.2	18.9

156899 2003 EK_{30} 11 24.1 291.°39 0.°9/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 27.30	+20 19.0	1.540	2.364	16.9	20.6
10 28	4 23.32	+19 58.2	1.449	2.347	13.2	20.3
11 7	4 16.31	+19 29.9	1.379	2.331	8.8	20.0
11 17	4 6.93	+18 55.1	1.333	2.315	3.7	19.7
11 27	3 56.38	+18 17.0	1.314	2.299	2.0	19.5
12 7	3 46.16	+17 40.2	1.322	2.283	7.2	19.8
12 17	3 37.65	+17 9.8	1.356	2.267	12.2	20.1
12 27	3 31.93	+16 50.3	1.413	2.252	16.5	20.3

291231 2006 BW_{23} 11 24.1 290.°76 2.°9/25.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 26.10	+30 34.8	2.176	2.961	13.9	20.4
10 28	4 21.59	+30 34.1	2.083	2.952	11.1	20.2
11 7	4 14.72	+30 21.5	2.011	2.944	7.9	20.0
11 17	4 6.12	+29 55.8	1.966	2.936	4.6	19.8
11 27	3 56.76	+29 17.5	1.949	2.927	3.0	19.7
12 7	3 47.74	+28 29.5	1.960	2.919	5.4	19.8
12 17	3 40.10	+27 36.6	2.001	2.911	8.9	20.0
12 27	3 34.63	+26 44.5	2.066	2.903	12.1	20.2

31465 Piyasiri 11 24.1 239.°46 0.°7/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 29.49	+19 27.1	1.806	2.616	15.3	19.0
10 28	4 24.50	+19 20.1	1.716	2.607	11.9	18.8
11 7	4 16.81	+19 8.4	1.648	2.598	7.9	18.5
11 17	4 7.07	+18 52.5	1.607	2.588	3.4	18.2
11 27	3 56.36	+18 34.4	1.593	2.578	1.7	18.1
12 7	3 45.99	+18 16.8	1.609	2.568	6.3	18.4
12 17	3 37.15	+18 3.4	1.651	2.557	10.7	18.6
12 27	3 30.77	+17 57.3	1.718	2.546	14.6	18.8

127372 2002 JF_{145} 11 24.1 137°.37 6°.5/21.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 24.31	+ 1 32.8	2.276	3.075	12.9	20.1
10 28	4 19.67	+ 0 49.6	2.205	3.076	10.5	19.9
11 7	4 13.18	+ 0 13.9	2.157	3.078	8.2	19.8
11 17	4 5.39	− 0 10.2	2.135	3.079	6.6	19.7
11 27	3 57.10	− 0 19.0	2.142	3.080	6.8	19.7
12 7	3 49.15	− 0 10.6	2.175	3.081	8.6	19.8
12 17	3 42.32	+ 0 14.8	2.236	3.082	11.0	20.0
12 27	3 37.22	+ 0 55.9	2.319	3.083	13.3	20.1

324818 2007 HU_{80} 11 24.1 29°.06 1°.4/23.4 18

10 18	4 24.21	+18 38.0	2.055	2.868	13.6	21.1
10 28	4 19.91	+18 7.3	1.978	2.871	10.5	20.9
11 7	4 13.48	+17 31.8	1.924	2.874	6.8	20.7
11 17	4 5.56	+16 53.7	1.896	2.877	3.0	20.5
11 27	3 57.04	+16 15.8	1.897	2.880	2.0	20.4
12 7	3 48.95	+15 41.8	1.928	2.884	5.8	20.7
12 17	3 42.15	+15 15.0	1.985	2.887	9.4	20.9
12 27	3 37.36	+14 57.8	2.068	2.891	12.6	21.1

475893 2007 DJ_{31} 11 24.1 310°.03 2°.0/23.4 18

10 18	4 26.16	+17 41.2	1.366	2.202	18.0	21.3
10 28	4 22.80	+17 20.2	1.278	2.183	14.1	21.0
11 7	4 16.18	+16 54.1	1.210	2.165	9.4	20.7
11 17	4 6.96	+16 24.8	1.166	2.147	4.2	20.4
11 27	3 56.41	+15 56.1	1.147	2.130	2.9	20.2
12 7	3 46.17	+15 32.6	1.153	2.113	8.2	20.5
12 17	3 37.76	+15 19.0	1.184	2.097	13.4	20.8
12 27	3 32.38	+15 18.7	1.237	2.081	18.1	21.0

403504 2009 VP_{61} 11 24.1 46°.28 0°.1/24.0 16

10 18	4 25.61	+21 22.6	1.917	2.729	14.5	21.2
10 28	4 21.06	+21 10.9	1.853	2.744	11.2	21.0
11 7	4 14.24	+20 53.3	1.811	2.761	7.3	20.8
11 17	4 5.86	+20 30.6	1.796	2.777	3.1	20.6
11 27	3 56.94	+20 5.0	1.809	2.794	1.3	20.5
12 7	3 48.56	+19 39.6	1.850	2.811	5.5	20.8
12 17	3 41.68	+19 17.9	1.919	2.828	9.3	21.1
12 27	3 36.96	+19 2.7	2.013	2.846	12.5	21.3

349872 2009 DZ_{68} 11 24.1 304°.94 4°.2/22.8 18

10 18	4 26.91	+11 9.2	1.567	2.394	16.5	20.5
10 28	4 22.93	+10 51.8	1.475	2.373	13.0	20.2
11 7	4 16.04	+10 36.8	1.403	2.352	9.0	19.9
11 17	4 6.85	+10 27.4	1.355	2.331	5.2	19.6
11 27	3 56.46	+10 27.2	1.335	2.310	4.8	19.6
12 7	3 46.26	+10 39.1	1.341	2.290	8.6	19.7
12 17	3 37.60	+11 4.6	1.372	2.270	13.1	19.9
12 27	3 31.57	+11 44.0	1.425	2.251	17.1	20.1

235879 2005 BX_{34} 11 24.1 22°.67 1°.6/23.5 16

10 18	4 24.01	+17 25.3	1.705	2.531	15.4	20.6
10 28	4 20.11	+17 10.9	1.641	2.541	11.8	20.4
11 7	4 13.76	+16 53.5	1.598	2.551	7.7	20.2
11 17	4 5.70	+16 34.9	1.581	2.562	3.4	20.0
11 27	3 57.00	+16 17.8	1.591	2.574	2.3	19.9
12 7	3 48.84	+16 5.0	1.628	2.587	6.4	20.2
12 17	3 42.23	+15 59.2	1.692	2.600	10.4	20.5
12 27	3 37.93	+16 2.4	1.780	2.614	13.8	20.7

109100 2001 QG_{35} 11 24.1 357°.69 3°.4/25.4 18

10 18	4 21.95	+28 23.8	1.051	1.898	21.4	18.2
10 28	4 20.40	+28 30.4	0.985	1.892	17.1	18.0
11 7	4 14.94	+28 19.4	0.936	1.888	11.9	17.7
11 17	4 6.46	+27 48.8	0.908	1.886	6.4	17.4
11 27	3 56.66	+27 0.0	0.902	1.885	3.6	17.2
12 7	3 47.60	+25 59.7	0.919	1.886	8.1	17.5
12 17	3 41.04	+24 57.5	0.958	1.889	13.7	17.8
12 27	3 38.14	+24 2.7	1.018	1.893	18.5	18.1

352294 2007 TG_{421} 11 24.1 37°.74 6°.8/22.6 18

10 18	4 29.25	+ 3 35.3	1.523	2.341	17.3	19.8
10 28	4 24.25	+ 3 22.6	1.464	2.351	13.9	19.6
11 7	4 16.54	+ 3 20.9	1.425	2.361	10.2	19.4
11 17	4 6.89	+ 3 34.2	1.411	2.371	7.3	19.3
11 27	3 56.53	+ 4 5.2	1.422	2.382	7.1	19.3
12 7	3 46.80	+ 4 54.1	1.461	2.393	9.7	19.5
12 17	3 38.83	+ 5 58.8	1.524	2.405	13.1	19.7
12 27	3 33.46	+ 7 16.2	1.610	2.417	16.4	19.9

110981 2001 UN_{188} 11 24.1 4°.89 3°.3/22.8 18

10 18	4 25.69	+12 32.7	1.802	2.623	14.9	19.8
10 28	4 21.33	+12 12.6	1.727	2.623	11.6	19.6
11 7	4 14.57	+11 53.3	1.674	2.623	7.8	19.4
11 17	4 6.08	+11 37.6	1.647	2.623	4.3	19.2
11 27	3 56.85	+11 28.3	1.647	2.624	3.9	19.1
12 7	3 48.05	+11 28.2	1.676	2.625	7.2	19.3
12 17	3 40.69	+11 38.6	1.731	2.627	11.0	19.6
12 27	3 35.57	+12 0.3	1.809	2.628	14.3	19.8

78546 2002 RF_{122} 11 24.1 39°.13 7°.3/20.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 23.22	− 1 11.4	2.302	3.097	12.9	18.9
10 28	4 18.80	− 2 1.4	2.236	3.100	10.7	18.8
11 7	4 12.60	− 2 42.3	2.193	3.103	8.6	18.7
11 17	4 5.16	− 3 9.4	2.175	3.105	7.4	18.6
11 27	3 57.25	− 3 19.0	2.184	3.108	7.6	18.6
12 7	3 49.69	− 3 9.4	2.221	3.111	9.2	18.7
12 17	3 43.21	− 2 41.0	2.283	3.114	11.3	18.9
12 27	3 38.43	− 1 55.6	2.367	3.118	13.4	19.0

311715 2006 SS_{352} 11 24.1 31°.96 1°.2/24.7 18

10 18	4 26.61	+25 27.2	1.731	2.541	15.9	20.5
10 28	4 22.28	+25 15.3	1.657	2.546	12.4	20.3
11 7	4 15.29	+24 53.0	1.605	2.551	8.3	20.0
11 17	4 6.39	+24 20.4	1.577	2.556	3.9	19.8
11 27	3 56.75	+23 39.6	1.577	2.562	1.7	19.6
12 7	3 47.66	+22 54.8	1.605	2.568	5.9	19.9
12 17	3 40.26	+22 11.1	1.660	2.574	10.1	20.2
12 27	3 35.35	+21 33.8	1.739	2.580	13.8	20.5

31987 2000 HN_{28} 11 24.1 52°.56 1°.1/24.5 18 R

10 18	4 30.82	+24 12.4	1.302	2.126	19.3	18.8
10 28	4 25.98	+24 7.0	1.251	2.148	15.0	18.6
11 7	4 17.85	+23 50.8	1.220	2.170	9.9	18.4
11 17	4 7.45	+23 24.0	1.212	2.193	4.4	18.1
11 27	3 56.37	+22 49.1	1.231	2.216	1.8	18.0
12 7	3 46.28	+22 11.4	1.276	2.240	6.9	18.4
12 17	3 38.51	+21 36.6	1.346	2.263	11.7	18.7
12 27	3 33.89	+21 10.1	1.438	2.287	15.8	19.0

475273 2005 WR_{126} 11 24.1 124°.25 0°.1/24.1 18

10 18	4 31.86	+20 52.5	1.812	2.615	15.5	22.0
10 28	4 26.05	+20 52.0	1.741	2.628	12.0	21.8
11 7	4 17.63	+20 46.0	1.694	2.641	7.9	21.6
11 17	4 7.35	+20 34.6	1.672	2.653	3.3	21.4
11 27	3 56.37	+20 19.4	1.679	2.665	1.4	21.2
12 7	3 45.98	+20 3.0	1.716	2.676	5.9	21.6
12 17	3 37.28	+19 48.8	1.780	2.686	10.1	21.8
12 27	3 31.08	+19 40.4	1.869	2.696	13.6	22.1

46942 1998 SL_{75} 11 24.1 75°.51 1°.3/23.6 18

10 18	4 29.75	+18 0.5	1.757	2.569	15.6	19.4
10 28	4 24.30	+17 48.2	1.699	2.591	11.9	19.2
11 7	4 16.38	+17 32.5	1.664	2.614	7.8	19.0
11 17	4 6.78	+17 14.8	1.654	2.635	3.3	18.8
11 27	3 56.66	+16 57.3	1.673	2.657	2.0	18.8
12 7	3 47.21	+16 43.1	1.721	2.679	6.2	19.1
12 17	3 39.45	+16 34.8	1.796	2.700	10.1	19.4
12 27	3 34.09	+16 34.6	1.896	2.722	13.5	19.6

315739 2008 EK_{168} 11 24.1 121°.05 2°.8/23.1 18

10 18	4 28.12	+11 40.2	2.199	3.003	13.2	20.3
10 28	4 22.70	+11 37.5	2.124	3.010	10.2	20.1
11 7	4 15.23	+11 36.9	2.074	3.018	6.9	19.9
11 17	4 6.31	+11 39.9	2.050	3.026	3.7	19.7
11 27	3 56.82	+11 48.2	2.056	3.033	3.2	19.7
12 7	3 47.72	+12 3.0	2.092	3.040	6.1	19.9
12 17	3 39.86	+12 25.0	2.157	3.047	9.4	20.1
12 27	3 33.94	+12 54.7	2.247	3.054	12.3	20.3

452623 2005 SZ_{66} 11 24.1 36°.25 2°.5/22.9 15

10 18	4 24.75	+16 17.0	1.749	2.572	15.2	21.7
10 28	4 20.59	+15 37.1	1.682	2.581	11.7	21.5
11 7	4 14.05	+14 54.0	1.638	2.589	7.7	21.3
11 17	4 5.84	+14 10.7	1.619	2.599	3.7	21.1
11 27	3 57.03	+13 31.2	1.628	2.608	3.2	21.1
12 7	3 48.76	+12 59.6	1.665	2.618	6.8	21.3
12 17	3 42.01	+12 39.1	1.728	2.628	10.7	21.6
12 27	3 37.52	+12 31.4	1.815	2.639	14.1	21.8

445573 2011 QG_{42} 11 24.1 97°.35 5°.8/21.9 18

10 18	4 28.90	+ 5 47.6	1.882	2.689	14.9	21.3
10 28	4 23.38	+ 5 4.8	1.826	2.708	11.8	21.1
11 7	4 15.66	+ 4 28.1	1.793	2.727	8.6	20.9
11 17	4 6.46	+ 4 1.6	1.787	2.746	6.2	20.8
11 27	3 56.80	+ 3 49.1	1.808	2.764	6.2	20.9
12 7	3 47.73	+ 3 52.7	1.857	2.782	8.5	21.1
12 17	3 40.16	+ 4 12.4	1.933	2.800	11.5	21.3
12 27	3 34.74	+ 4 46.9	2.031	2.817	14.2	21.5

485982 2012 JQ_{63} 11 24.1 211°.96 0°.1/24.0 18

10 18	4 25.04	+20 55.2	2.983	3.773	10.4	22.9
10 28	4 20.00	+20 46.5	2.886	3.765	8.0	22.7
11 7	4 13.33	+20 33.6	2.813	3.757	5.3	22.6
11 17	4 5.50	+20 17.1	2.769	3.749	2.2	22.3
11 27	3 57.15	+19 58.1	2.755	3.741	1.0	22.2
12 7	3 49.01	+19 38.5	2.773	3.731	4.1	22.4
12 17	3 41.76	+19 20.5	2.821	3.722	7.0	22.6
12 27	3 35.98	+19 6.3	2.897	3.712	9.6	22.8

482352 2011 WS_{76} 11 24.1 85°.76 1°.2/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 32.67	+21 51.7	1.909	2.707	15.1	21.5
10 28	4 26.66	+22 31.3	1.839	2.722	11.7	21.3
11 7	4 18.05	+23 6.8	1.793	2.737	7.8	21.1
11 17	4 7.56	+23 36.3	1.773	2.752	3.6	20.9
11 27	3 56.32	+23 59.0	1.782	2.767	1.6	20.8
12 7	3 45.58	+24 15.5	1.821	2.781	5.6	21.1
12 17	3 36.46	+24 28.1	1.888	2.796	9.5	21.3
12 27	3 29.81	+24 39.9	1.981	2.810	12.9	21.6

452723 2005 YA_{266} 11 24.1 292°.34 0°.9/23.7 17

10 18	4 24.50	+19 40.2	2.117	2.927	13.4	21.9
10 28	4 20.26	+19 18.0	2.024	2.916	10.4	21.7
11 7	4 13.83	+18 50.6	1.955	2.904	6.8	21.5
11 17	4 5.79	+18 19.1	1.911	2.893	2.9	21.2
11 27	3 57.02	+17 46.1	1.897	2.882	1.7	21.1
12 7	3 48.53	+17 14.9	1.912	2.870	5.6	21.3
12 17	3 41.27	+16 48.7	1.955	2.859	9.4	21.6
12 27	3 36.01	+16 30.6	2.022	2.848	12.8	21.8

311534 2005 YF_{109} 11 24.1 196°.93 2°.4/25.5 17

10 18	4 26.39	+29 41.8	2.305	3.088	13.3	20.9
10 28	4 21.59	+29 32.4	2.217	3.087	10.5	20.7
11 7	4 14.61	+29 11.8	2.152	3.086	7.4	20.5
11 17	4 6.09	+28 39.5	2.113	3.086	4.1	20.3
11 27	3 56.94	+27 56.4	2.104	3.085	2.4	20.2
12 7	3 48.19	+27 5.9	2.124	3.084	5.0	20.4
12 17	3 40.75	+26 12.4	2.173	3.083	8.3	20.6
12 27	3 35.35	+25 20.9	2.248	3.082	11.4	20.8

159142 2004 XQ_{33} 11 24.1 166°.53 0°.1/24.2 18

10 18	4 25.27	+22 9.9	2.654	3.446	11.5	20.8
10 28	4 20.31	+21 58.7	2.568	3.449	8.8	20.6
11 7	4 13.59	+21 42.3	2.507	3.452	5.8	20.4
11 17	4 5.62	+21 21.0	2.474	3.454	2.5	20.2
11 27	3 57.14	+20 56.4	2.471	3.456	1.0	20.1
12 7	3 48.98	+20 30.7	2.499	3.458	4.4	20.4
12 17	3 41.87	+20 6.6	2.556	3.460	7.5	20.6
12 27	3 36.41	+19 46.8	2.640	3.461	10.3	20.8

101964 1999 RU_{41} 11 24.1 39°.92 3°.5/22.9 18

10 18	4 27.41	+15 19.3	1.256	2.097	19.0	19.2
10 28	4 23.17	+14 34.2	1.214	2.121	14.5	19.0
11 7	4 15.89	+13 47.2	1.191	2.145	9.6	18.8
11 17	4 6.61	+13 2.9	1.191	2.171	4.8	18.6
11 27	3 56.80	+12 26.4	1.217	2.197	4.2	18.6
12 7	3 47.94	+12 2.4	1.269	2.223	8.4	18.9
12 17	3 41.22	+11 53.3	1.345	2.250	12.7	19.3
12 27	3 37.37	+11 59.9	1.443	2.278	16.5	19.6

12595 Amandashaw 11 24.1 63°.03 2°.7/25.1 18

10 18	4 32.97	+27 1.0	1.282	2.100	20.0	18.0
10 28	4 27.90	+27 12.2	1.228	2.119	15.7	17.8
11 7	4 19.27	+27 10.1	1.193	2.138	10.7	17.6
11 17	4 8.14	+26 53.0	1.181	2.158	5.4	17.4
11 27	3 56.18	+26 22.1	1.194	2.178	2.9	17.3
12 7	3 45.23	+25 42.3	1.234	2.198	7.2	17.6
12 17	3 36.75	+25 0.6	1.299	2.217	12.0	17.9
12 27	3 31.67	+24 24.2	1.387	2.237	16.1	18.2

431771 2008 HH_{65} 11 24.1 178°.32 1°.2/23.6 18

10 18	4 31.15	+18 24.8	1.931	2.734	14.7	22.2
10 28	4 25.46	+18 11.3	1.849	2.736	11.4	22.0
11 7	4 17.27	+17 53.7	1.790	2.738	7.5	21.8
11 17	4 7.26	+17 33.2	1.758	2.738	3.2	21.5
11 27	3 56.49	+17 11.8	1.755	2.739	1.9	21.4
12 7	3 46.15	+16 52.5	1.781	2.738	6.1	21.7
12 17	3 37.32	+16 38.5	1.836	2.737	10.1	22.0
12 27	3 30.82	+16 32.4	1.915	2.735	13.6	22.2

355396 2007 UM_{9} 11 24.1 350°.00 4°.0/23.0 18

10 18	4 24.06	+12 20.2	1.317	2.161	18.1	19.9
10 28	4 21.02	+12 6.8	1.245	2.153	14.2	19.6
11 7	4 14.89	+11 55.7	1.192	2.146	9.6	19.4
11 17	4 6.39	+11 50.1	1.161	2.140	5.2	19.1
11 27	3 56.82	+11 53.5	1.156	2.135	4.6	19.1
12 7	3 47.69	+12 8.6	1.176	2.131	8.7	19.3
12 17	3 40.42	+12 36.6	1.220	2.129	13.4	19.5
12 27	3 36.03	+13 17.5	1.285	2.128	17.6	19.8

67229 2000 DX_{108} 11 24.1 45°.50 1°.1/23.7 18

10 18	4 26.07	+17 45.1	1.947	2.761	14.2	18.4
10 28	4 21.38	+17 42.3	1.883	2.776	10.9	18.2
11 7	4 14.47	+17 37.1	1.841	2.791	7.1	18.0
11 17	4 6.03	+17 30.3	1.825	2.807	3.1	17.8
11 27	3 57.02	+17 23.6	1.839	2.823	1.8	17.7
12 7	3 48.52	+17 19.2	1.881	2.839	5.7	18.0
12 17	3 41.45	+17 19.3	1.950	2.856	9.4	18.3
12 27	3 36.50	+17 25.6	2.044	2.873	12.6	18.5

81699 2000 JY_{17} 11 24.1 161°.16 3°.4/22.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 26.09	+11 27.6	2.510	3.311	11.8	20.9
10 28	4 20.87	+10 43.2	2.433	3.317	9.2	20.7
11 7	4 13.91	+ 9 59.0	2.381	3.323	6.3	20.6
11 17	4 5.75	+ 9 17.9	2.358	3.328	3.8	20.4
11 27	3 57.13	+ 8 42.9	2.364	3.333	3.8	20.4
12 7	3 48.87	+ 8 17.1	2.401	3.337	6.2	20.6
12 17	3 41.68	+ 8 2.1	2.466	3.341	9.0	20.8
12 27	3 36.16	+ 7 58.9	2.556	3.344	11.5	21.0

244453 2002 RC_{128} 11 24.1 76°.44 0°.0/24.1 18

10 18	4 29.05	+23 56.5	1.777	2.583	15.7	20.6
10 28	4 23.77	+23 11.7	1.716	2.604	12.1	20.4
11 7	4 16.02	+22 16.9	1.678	2.625	7.9	20.2
11 17	4 6.65	+21 13.9	1.665	2.647	3.3	19.9
11 27	3 56.81	+20 7.1	1.682	2.668	1.4	19.8
12 7	3 47.72	+19 1.8	1.728	2.688	5.8	20.2
12 17	3 40.35	+18 3.7	1.802	2.709	9.9	20.5
12 27	3 35.40	+17 17.0	1.900	2.729	13.3	20.7

188109 2002 AR_{8} 11 24.1 337°.09 1°.4/23.5 18

10 18	4 25.34	+17 57.4	1.963	2.778	14.1	21.0
10 28	4 20.97	+17 36.6	1.882	2.776	10.9	20.8
11 7	4 14.32	+17 12.0	1.823	2.774	7.2	20.5
11 17	4 6.02	+16 45.1	1.791	2.772	3.2	20.3
11 27	3 57.02	+16 18.7	1.787	2.771	2.1	20.2
12 7	3 48.40	+15 55.8	1.812	2.769	6.0	20.5
12 17	3 41.13	+15 39.6	1.864	2.768	9.9	20.7
12 27	3 35.98	+15 32.4	1.941	2.767	13.2	20.9

77433 2001 GP_{7} 11 24.1 319°.91 0°.6/24.3 18

10 18	4 31.36	+19 48.2	1.710	2.519	16.1	19.3
10 28	4 26.21	+20 29.7	1.625	2.515	12.6	19.1
11 7	4 18.12	+21 9.9	1.562	2.510	8.4	18.8
11 17	4 7.76	+21 46.9	1.525	2.506	3.7	18.6
11 27	3 56.29	+22 19.4	1.517	2.502	1.5	18.4
12 7	3 45.12	+22 47.5	1.537	2.498	6.3	18.7
12 17	3 35.58	+23 12.7	1.584	2.495	10.8	19.0
12 27	3 28.73	+23 37.8	1.656	2.491	14.7	19.2

158790 2003 SG_{134} 11 24.1 206°.20 2°.8/22.4 18

10 18	4 23.70	+14 3.6	2.399	3.208	12.1	20.3
10 28	4 19.23	+13 16.6	2.316	3.206	9.3	20.1
11 7	4 12.94	+12 27.8	2.257	3.204	6.3	19.9
11 17	4 5.38	+11 39.8	2.226	3.202	3.5	19.7
11 27	3 57.30	+10 56.2	2.225	3.200	3.3	19.7
12 7	3 49.54	+10 20.3	2.253	3.197	6.0	19.9
12 17	3 42.86	+ 9 54.7	2.310	3.195	9.1	20.0
12 27	3 37.87	+ 9 41.1	2.391	3.192	11.9	20.2

194883 2002 AU_{76} 11 24.1 236°.52 1°.1/24.6 18

10 18	4 30.08	+24 0.4	1.931	2.729	14.9	21.5
10 28	4 24.93	+24 4.6	1.837	2.719	11.7	21.3
11 7	4 17.13	+24 1.3	1.765	2.709	7.9	21.1
11 17	4 7.30	+23 49.7	1.719	2.698	3.6	20.8
11 27	3 56.50	+23 30.4	1.702	2.687	1.6	20.6
12 7	3 46.00	+23 6.1	1.714	2.675	5.8	20.9
12 17	3 36.98	+22 40.6	1.754	2.663	10.0	21.1
12 27	3 30.38	+22 18.5	1.819	2.651	13.7	21.3

15698 1986 QO_{2} 11 24.1 80°.42 0°.7/23.7 18

10 18	4 25.84	+19 21.1	2.276	3.080	12.8	18.6
10 28	4 20.89	+19 6.7	2.208	3.096	9.8	18.4
11 7	4 14.01	+18 48.2	2.164	3.113	6.4	18.2
11 17	4 5.81	+18 27.0	2.148	3.129	2.7	18.0
11 27	3 57.15	+18 5.0	2.161	3.145	1.4	18.0
12 7	3 48.95	+17 44.6	2.203	3.161	5.0	18.2
12 17	3 41.99	+17 28.4	2.275	3.177	8.4	18.5
12 27	3 36.90	+17 18.6	2.372	3.193	11.3	18.7

362476 2010 SF_{19} 11 24.1 55°.23 0°.2/24.0 18

10 18	4 27.13	+20 34.2	1.865	2.677	14.9	20.8
10 28	4 22.40	+20 31.2	1.795	2.686	11.5	20.6
11 7	4 15.27	+20 23.0	1.747	2.696	7.5	20.4
11 17	4 6.42	+20 10.4	1.724	2.706	3.2	20.2
11 27	3 56.90	+19 54.8	1.730	2.716	1.3	20.0
12 7	3 47.89	+19 39.1	1.765	2.726	5.7	20.4
12 17	3 40.40	+19 26.3	1.827	2.736	9.7	20.6
12 27	3 35.20	+19 19.4	1.914	2.747	13.1	20.9

130308 2000 EZ_{102} 11 24.1 203°.91 1°.0/24.6 18

10 18	4 27.46	+23 24.7	2.868	3.650	11.0	20.3
10 28	4 22.01	+23 46.3	2.772	3.646	8.5	20.1
11 7	4 14.75	+24 3.6	2.702	3.642	5.7	19.9
11 17	4 6.18	+24 16.0	2.659	3.637	2.7	19.7
11 27	3 56.99	+24 23.3	2.648	3.632	1.3	19.6
12 7	3 48.00	+24 26.4	2.668	3.627	4.2	19.8
12 17	3 39.96	+24 27.0	2.719	3.622	7.1	20.0
12 27	3 33.52	+24 27.5	2.796	3.616	9.8	20.2

353978 2000 DJ_{32} 11 24.1 208°.67 8°.0/19.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 25.67	− 2 4.2	2.269	3.058	13.3	21.4
10 28	4 20.79	− 3 13.5	2.195	3.053	11.1	21.2
11 7	4 14.00	− 4 14.1	2.145	3.048	9.2	21.1
11 17	4 5.86	− 5 0.5	2.120	3.042	8.1	21.0
11 27	3 57.14	− 5 27.6	2.123	3.036	8.4	21.0
12 7	3 48.74	− 5 33.1	2.152	3.030	10.1	21.1
12 17	3 41.46	− 5 16.6	2.207	3.023	12.2	21.3
12 27	3 35.96	− 4 39.9	2.283	3.016	14.4	21.4

481708 2008 CY_{139} 11 24.1 258°.16 0°.8/24.5 17

10 18	4 27.11	+24 4.6	2.137	2.935	13.7	21.9
10 28	4 22.38	+23 58.4	2.040	2.923	10.7	21.7
11 7	4 15.32	+23 44.6	1.966	2.910	7.2	21.4
11 17	4 6.51	+23 22.9	1.918	2.898	3.3	21.1
11 27	3 56.88	+22 54.7	1.900	2.885	1.3	21.0
12 7	3 47.53	+22 22.6	1.911	2.872	5.3	21.2
12 17	3 39.47	+21 50.6	1.951	2.859	9.2	21.4
12 27	3 33.52	+21 22.8	2.015	2.846	12.6	21.6

320142 2007 EL_{215} 11 24.1 21°.63 6°.0/21.7 18

10 18	4 24.64	+ 5 2.6	1.940	2.753	14.3	19.6
10 28	4 20.28	+ 4 22.8	1.871	2.756	11.4	19.5
11 7	4 13.79	+ 3 49.1	1.825	2.759	8.5	19.3
11 17	4 5.79	+ 3 25.8	1.804	2.762	6.3	19.2
11 27	3 57.20	+ 3 16.9	1.811	2.765	6.4	19.2
12 7	3 49.02	+ 3 24.4	1.845	2.769	8.6	19.3
12 17	3 42.14	+ 3 48.6	1.904	2.773	11.6	19.5
12 27	3 37.27	+ 4 28.2	1.987	2.777	14.3	19.7

377209 2003 WY_{193} 11 24.1 305°.03 0°.8/24.5 18

10 18	4 28.03	+24 52.8	1.367	2.192	18.6	21.1
10 28	4 24.28	+24 29.9	1.285	2.183	14.6	20.9
11 7	4 17.16	+23 53.7	1.223	2.174	9.8	20.6
11 17	4 7.43	+23 4.3	1.184	2.165	4.4	20.2
11 27	3 56.52	+22 4.8	1.171	2.156	1.7	20.0
12 7	3 46.14	+21 1.5	1.184	2.148	7.3	20.4
12 17	3 37.81	+20 2.1	1.223	2.140	12.6	20.6
12 27	3 32.64	+19 13.9	1.283	2.133	17.2	20.9

259549 2003 UL_{125} 11 24.1 50°.53 5°.6/22.5 18

10 18	4 29.66	+11 1.4	1.145	1.988	20.3	20.0
10 28	4 25.22	+10 13.3	1.100	2.006	15.8	19.8
11 7	4 17.44	+ 9 28.3	1.073	2.025	10.8	19.6
11 17	4 7.38	+ 8 52.1	1.070	2.044	6.5	19.4
11 27	3 56.62	+ 8 30.4	1.090	2.063	6.2	19.4
12 7	3 46.86	+ 8 26.9	1.136	2.083	10.0	19.7
12 17	3 39.42	+ 8 42.4	1.204	2.104	14.4	20.0
12 27	3 35.14	+ 9 15.5	1.293	2.124	18.3	20.3

141949 2002 PN_{110} 11 24.1 310°.95 1°.4/24.9 17

10 18	4 24.73	+27 3.0	2.237	3.032	13.3	19.6
10 28	4 20.38	+26 43.7	2.147	3.026	10.4	19.4
11 7	4 13.89	+26 14.2	2.080	3.021	7.1	19.2
11 17	4 5.86	+25 34.7	2.039	3.016	3.5	19.0
11 27	3 57.18	+24 46.9	2.027	3.012	1.6	18.8
12 7	3 48.87	+23 54.4	2.045	3.007	4.9	19.1
12 17	3 41.83	+23 1.7	2.091	3.002	8.5	19.3
12 27	3 36.78	+22 13.4	2.164	2.998	11.7	19.5

325404 2009 HO_{27} 11 24.1 168°.21 1°.5/23.5 16

10 18	4 31.38	+19 25.8	1.603	2.418	16.8	21.6
10 28	4 26.09	+18 51.1	1.528	2.421	13.0	21.4
11 7	4 17.90	+18 9.5	1.474	2.424	8.5	21.2
11 17	4 7.61	+17 23.0	1.445	2.426	3.7	20.9
11 27	3 56.49	+16 35.5	1.445	2.428	2.4	20.8
12 7	3 45.95	+15 52.1	1.472	2.430	7.1	21.1
12 17	3 37.24	+15 17.6	1.527	2.430	11.6	21.4
12 27	3 31.26	+14 55.7	1.604	2.430	15.5	21.6

189821 2002 OC_{18} 11 24.1 9°.93 1°.0/24.8 18

10 18	4 24.47	+26 18.6	2.113	2.913	13.8	19.8
10 28	4 20.22	+25 50.3	2.031	2.914	10.7	19.6
11 7	4 13.78	+25 11.6	1.971	2.915	7.2	19.4
11 17	4 5.80	+24 23.0	1.937	2.916	3.4	19.2
11 27	3 57.22	+23 27.2	1.933	2.918	1.4	19.0
12 7	3 49.08	+22 28.3	1.958	2.920	5.1	19.3
12 17	3 42.30	+21 31.1	2.011	2.922	8.8	19.5
12 27	3 37.57	+20 40.5	2.089	2.924	12.1	19.8

84383 2002 TX_{142} 11 24.1 348°.64 0°.4/24.2 18

10 18	4 29.28	+19 46.8	1.260	2.095	19.3	19.2
10 28	4 25.47	+20 16.2	1.187	2.090	15.1	18.9
11 7	4 18.09	+20 42.9	1.132	2.086	10.0	18.6
11 17	4 7.89	+21 5.3	1.101	2.083	4.3	18.3
11 27	3 56.35	+21 23.2	1.094	2.080	1.7	18.1
12 7	3 45.29	+21 37.8	1.114	2.078	7.6	18.5
12 17	3 36.39	+21 51.9	1.157	2.077	13.0	18.8
12 27	3 30.85	+22 9.4	1.222	2.076	17.6	19.0

221597 2006 WP_{51} 11 24.1 200°.44 0°.2/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 31.86	+21 21.3	1.780	2.584	15.8	21.5
10 28	4 26.40	+21 24.7	1.694	2.582	12.3	21.2
11 7	4 18.13	+21 22.4	1.631	2.579	8.2	21.0
11 17	4 7.76	+21 14.0	1.594	2.575	3.5	20.7
11 27	3 56.42	+21 0.5	1.585	2.571	1.4	20.5
12 7	3 45.49	+20 44.7	1.606	2.566	6.2	20.9
12 17	3 36.20	+20 30.1	1.654	2.561	10.6	21.1
12 27	3 29.51	+20 20.7	1.726	2.556	14.4	21.3

41055 1999 VD_{20} 11 24.1 74°.05 0°.4/24.3 18

10 18	4 26.48	+22 28.9	2.137	2.939	13.5	19.4
10 28	4 21.68	+22 27.5	2.060	2.946	10.5	19.2
11 7	4 14.71	+22 20.2	2.007	2.953	6.9	19.0
11 17	4 6.20	+22 7.1	1.980	2.961	3.0	18.7
11 27	3 57.08	+21 49.5	1.983	2.968	1.2	18.6
12 7	3 48.37	+21 29.9	2.014	2.975	5.1	18.9
12 17	3 40.99	+21 11.2	2.075	2.983	8.7	19.2
12 27	3 35.66	+20 56.8	2.160	2.990	11.9	19.4

367876 2011 EN_{18} 11 24.1 34°.22 2°.4/25.5 17

10 18	4 25.75	+29 15.2	2.151	2.941	13.9	21.1
10 28	4 21.24	+29 10.1	2.071	2.944	11.0	20.9
11 7	4 14.48	+28 53.9	2.012	2.948	7.7	20.7
11 17	4 6.12	+28 25.9	1.980	2.952	4.2	20.5
11 27	3 57.12	+27 47.2	1.976	2.957	2.5	20.4
12 7	3 48.57	+27 1.2	2.001	2.961	5.2	20.6
12 17	3 41.41	+26 12.4	2.054	2.966	8.6	20.8
12 27	3 36.38	+25 25.8	2.133	2.971	11.7	21.0

236443 2006 DO_{200} 11 24.1 148°.87 0°.2/24.1 18

10 18	4 31.97	+19 18.5	2.222	3.015	13.4	21.1
10 28	4 25.77	+19 32.0	2.144	3.025	10.4	20.9
11 7	4 17.35	+19 42.6	2.089	3.034	6.8	20.7
11 17	4 7.32	+19 50.0	2.062	3.042	2.9	20.5
11 27	3 56.64	+19 54.8	2.065	3.050	1.2	20.4
12 7	3 46.36	+19 58.2	2.099	3.058	5.2	20.7
12 17	3 37.44	+20 2.3	2.163	3.064	8.8	20.9
12 27	3 30.60	+20 9.5	2.253	3.071	11.9	21.1

450118 2015 RD_{110} 11 24.1 54°.89 5°.2/21.8 18

10 18	4 25.80	+10 11.4	1.670	2.495	15.7	21.2
10 28	4 21.39	+ 9 10.0	1.613	2.508	12.3	21.0
11 7	4 14.58	+ 8 10.3	1.577	2.522	8.6	20.8
11 17	4 6.14	+ 7 17.7	1.567	2.536	5.7	20.6
11 27	3 57.15	+ 6 37.2	1.584	2.550	5.7	20.7
12 7	3 48.76	+ 6 12.8	1.628	2.564	8.6	20.9
12 17	3 41.96	+ 6 6.2	1.697	2.579	12.0	21.1
12 27	3 37.45	+ 6 17.2	1.789	2.593	15.1	21.4

133505 2003 SV_{290} 11 24.1 359°.20 1°.8/24.9 17

10 18	4 25.33	+25 7.3	1.877	2.685	14.9	19.9
10 28	4 21.29	+25 24.3	1.797	2.683	11.7	19.7
11 7	4 14.73	+25 33.8	1.738	2.682	8.0	19.5
11 17	4 6.30	+25 34.6	1.704	2.682	3.9	19.3
11 27	3 57.04	+25 27.0	1.698	2.682	2.0	19.1
12 7	3 48.16	+25 13.2	1.720	2.682	5.6	19.4
12 17	3 40.76	+24 56.6	1.769	2.683	9.6	19.6
12 27	3 35.69	+24 41.4	1.843	2.685	13.1	19.8

364954 2008 GE_{80} 11 24.1 309°.35 3°.3/22.7 18

10 18	4 25.57	+12 27.4	1.974	2.790	14.0	21.1
10 28	4 21.10	+12 1.0	1.894	2.787	10.9	20.9
11 7	4 14.42	+11 34.8	1.837	2.784	7.4	20.7
11 17	4 6.12	+11 11.8	1.806	2.781	4.1	20.5
11 27	3 57.13	+10 55.0	1.803	2.778	3.8	20.5
12 7	3 48.49	+10 47.1	1.829	2.776	6.9	20.6
12 17	3 41.16	+10 50.0	1.881	2.773	10.5	20.9
12 27	3 35.88	+11 4.5	1.958	2.771	13.7	21.1

228694 2002 PE_{92} 11 24.1 138°.56 1°.6/25.3 18

10 18	4 25.87	+28 40.6	2.614	3.393	12.0	20.5
10 28	4 20.84	+28 14.0	2.530	3.399	9.4	20.3
11 7	4 13.97	+27 37.1	2.469	3.405	6.4	20.1
11 17	4 5.84	+26 50.4	2.436	3.411	3.3	19.9
11 27	3 57.26	+25 55.7	2.433	3.416	1.7	19.8
12 7	3 49.09	+24 56.3	2.461	3.422	4.3	20.0
12 17	3 42.10	+23 56.5	2.519	3.427	7.4	20.2
12 27	3 36.86	+23 0.6	2.604	3.432	10.2	20.4

70567 1999 TK_{151} 11 24.1 148°.36 0°.5/24.3 18

10 18	4 30.52	+21 14.8	1.866	2.670	15.1	19.4
10 28	4 25.19	+21 31.4	1.786	2.673	11.8	19.2
11 7	4 17.25	+21 43.4	1.728	2.675	7.8	19.0
11 17	4 7.37	+21 50.1	1.697	2.678	3.4	18.7
11 27	3 56.64	+21 51.9	1.695	2.680	1.3	18.6
12 7	3 46.32	+21 50.6	1.721	2.682	5.8	18.9
12 17	3 37.56	+21 48.8	1.776	2.684	9.9	19.1
12 27	3 31.24	+21 49.9	1.855	2.686	13.5	19.4

15525 1999 XH_{176} 11 24.1 137°.05 4°.1/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 31.82	+33 56.3	2.293	3.053	14.0	18.3
10 28	4 25.84	+34 11.5	2.215	3.065	11.3	18.2
11 7	4 17.46	+34 13.8	2.158	3.076	8.3	18.0
11 17	4 7.39	+34 0.9	2.128	3.087	5.4	17.8
11 27	3 56.66	+33 32.6	2.127	3.097	4.1	17.8
12 7	3 46.46	+32 51.4	2.156	3.107	5.7	17.9
12 17	3 37.78	+32 2.0	2.213	3.116	8.6	18.1
12 27	3 31.39	+31 10.3	2.297	3.124	11.4	18.3

303449 2005 BE_2 11 24.1 131°.88 1°.6/23.4 14 C

10 18	4 39.88	+16 57.1	2.250	3.026	13.8	23.2
10 28	4 31.43	+16 36.2	2.183	3.055	10.6	23.0
11 7	4 20.78	+16 12.1	2.141	3.083	6.9	22.8
11 17	4 8.69	+15 46.1	2.130	3.108	3.1	22.6
11 27	3 56.19	+15 20.4	2.150	3.132	2.2	22.6
12 7	3 44.36	+14 57.8	2.204	3.154	5.7	22.9
12 17	3 34.13	+14 41.0	2.288	3.174	9.1	23.1
12 27	3 26.15	+14 32.1	2.399	3.193	12.1	23.3

72865 2001 HK_{58} 11 24.1 261°.66 2°.2/23.3 18

10 18	4 26.46	+13 7.6	2.336	3.140	12.5	18.7
10 28	4 21.48	+13 10.1	2.252	3.139	9.7	18.5
11 7	4 14.52	+13 13.8	2.192	3.138	6.5	18.3
11 17	4 6.15	+13 19.8	2.159	3.137	3.3	18.1
11 27	3 57.15	+13 29.6	2.156	3.136	2.6	18.0
12 7	3 48.43	+13 44.3	2.183	3.134	5.6	18.2
12 17	3 40.83	+14 4.8	2.239	3.133	8.9	18.4
12 27	3 35.03	+14 31.8	2.320	3.132	11.8	18.6

328582 2009 SH_{43} 11 24.1 44°.39 1°.4/23.4 18

10 18	4 24.33	+19 42.4	2.035	2.847	13.8	20.2
10 28	4 20.03	+18 57.1	1.961	2.854	10.6	20.0
11 7	4 13.62	+18 5.5	1.911	2.861	6.9	19.8
11 17	4 5.75	+17 10.2	1.887	2.868	3.0	19.6
11 27	3 57.34	+16 15.0	1.892	2.875	2.0	19.5
12 7	3 49.39	+15 24.3	1.927	2.883	5.8	19.8
12 17	3 42.79	+14 41.9	1.989	2.891	9.4	20.0
12 27	3 38.19	+14 10.8	2.076	2.898	12.6	20.2

454801 2015 RK_{28} 11 24.1 239°.85 5°.7/22.1 18

10 18	4 27.55	+ 4 37.2	2.020	2.825	14.1	20.9
10 28	4 22.52	+ 4 15.5	1.943	2.822	11.3	20.7
11 7	4 15.30	+ 4 0.6	1.888	2.820	8.4	20.5
11 17	4 6.50	+ 3 56.3	1.859	2.818	6.1	20.4
11 27	3 57.02	+ 4 5.5	1.858	2.816	6.0	20.4
12 7	3 47.88	+ 4 29.6	1.886	2.813	8.3	20.5
12 17	3 40.04	+ 5 8.4	1.940	2.811	11.3	20.7
12 27	3 34.21	+ 6 0.6	2.018	2.808	14.1	20.9

144058 2004 BV_{37} 11 24.2 19°.06 8°.0/28.4 18

10 18	4 32.48	+42 19.8	1.903	2.643	17.1	19.4
10 28	4 27.43	+43 3.2	1.821	2.644	14.6	19.2
11 7	4 19.08	+43 27.5	1.759	2.644	11.9	19.1
11 17	4 8.25	+43 27.0	1.720	2.645	9.4	18.9
11 27	3 56.34	+42 58.7	1.706	2.646	8.1	18.8
12 7	3 45.01	+42 4.7	1.718	2.647	8.8	18.9
12 17	3 35.74	+40 51.5	1.756	2.648	11.1	19.0
12 27	3 29.56	+39 28.7	1.819	2.649	13.8	19.2

111899 2002 FD_{11} 11 24.2 186°.16 0°.8/24.5 18 R

10 18	4 31.56	+24 37.7	1.561	2.370	17.4	20.3
10 28	4 26.51	+24 19.9	1.481	2.370	13.6	20.0
11 7	4 18.36	+23 50.8	1.423	2.370	9.1	19.8
11 17	4 7.91	+23 10.4	1.389	2.370	4.1	19.5
11 27	3 56.49	+22 21.3	1.383	2.369	1.6	19.3
12 7	3 45.66	+21 28.5	1.405	2.367	6.6	19.6
12 17	3 36.77	+20 38.4	1.453	2.366	11.4	19.9
12 27	3 30.78	+19 57.0	1.525	2.363	15.6	20.1

20196 1997 CP_{19} 11 24.2 348°.33 10°.6/20.5 18

10 18	4 23.67	− 0 27.4	1.348	2.178	18.5	17.0
10 28	4 20.50	− 1 40.5	1.284	2.171	15.5	16.8
11 7	4 14.45	− 2 41.0	1.240	2.164	12.6	16.6
11 17	4 6.26	− 3 20.2	1.218	2.159	10.8	16.5
11 27	3 57.15	− 3 30.4	1.219	2.154	11.1	16.5
12 7	3 48.54	− 3 8.7	1.243	2.151	13.4	16.6
12 17	3 41.68	− 2 16.2	1.289	2.149	16.5	16.8
12 27	3 37.51	− 0 58.0	1.353	2.147	19.6	17.0

250660 2005 NN_{21} 11 24.2 85°.69 0°.6/23.9 18

10 18	4 26.70	+20 54.6	1.960	2.769	14.3	20.9
10 28	4 21.99	+20 30.1	1.885	2.776	11.1	20.7
11 7	4 14.98	+19 59.3	1.834	2.783	7.2	20.5
11 17	4 6.36	+19 23.4	1.808	2.790	3.1	20.2
11 27	3 57.13	+18 45.4	1.812	2.797	1.5	20.1
12 7	3 48.38	+18 8.7	1.844	2.804	5.6	20.4
12 17	3 41.07	+17 37.3	1.905	2.811	9.5	20.7
12 27	3 35.93	+17 14.3	1.990	2.818	12.9	20.9

96663 1999 JZ_{14} 11 24.2 242°.40 4°.1/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 30.74	+12 9.4	1.526	2.348	17.1	19.9
10 28	4 25.87	+11 43.9	1.444	2.339	13.5	19.6
11 7	4 17.99	+11 19.2	1.383	2.331	9.2	19.4
11 17	4 7.80	+10 58.6	1.346	2.322	5.1	19.1
11 27	3 56.52	+10 46.1	1.336	2.313	4.7	19.1
12 7	3 45.62	+10 45.0	1.354	2.303	8.6	19.3
12 17	3 36.47	+10 57.4	1.397	2.293	13.0	19.5
12 27	3 30.09	+11 24.0	1.462	2.283	17.0	19.7

8236 Gainsborough 11 24.2 81°.69 1°.6/23.3 18

10 18	4 28.29	+18 35.3	1.925	2.735	14.6	19.2
10 28	4 22.98	+17 54.0	1.867	2.758	11.1	19.0
11 7	4 15.47	+17 8.0	1.831	2.780	7.2	18.9
11 17	4 6.50	+16 19.7	1.822	2.803	3.2	18.7
11 27	3 57.11	+15 32.9	1.843	2.825	2.3	18.6
12 7	3 48.35	+14 51.7	1.893	2.847	6.0	18.9
12 17	3 41.12	+14 19.5	1.970	2.869	9.7	19.2
12 27	3 36.06	+13 58.5	2.072	2.891	12.8	19.4

344861 2004 HP_{38} 11 24.2 137°.88 2°.8/22.8 16

10 18	4 31.32	+13 19.1	2.259	3.055	13.1	22.3
10 28	4 25.01	+12 50.2	2.191	3.073	10.1	22.1
11 7	4 16.70	+12 20.8	2.146	3.089	6.8	21.9
11 17	4 7.03	+11 53.3	2.130	3.105	3.6	21.7
11 27	3 56.89	+11 30.4	2.144	3.120	3.2	21.7
12 7	3 47.26	+11 14.7	2.189	3.134	6.1	22.0
12 17	3 38.95	+11 7.9	2.263	3.147	9.3	22.2
12 27	3 32.60	+11 11.1	2.363	3.159	12.1	22.4

26725 2001 HH_9 11 24.2 55°.43 3°.9/21.8 18

10 18	4 23.28	+12 20.4	2.161	2.976	13.0	18.0
10 28	4 19.02	+11 14.9	2.093	2.985	10.0	17.8
11 7	4 12.87	+10 8.5	2.049	2.994	6.9	17.7
11 17	4 5.42	+ 9 5.2	2.031	3.003	4.3	17.5
11 27	3 57.52	+ 8 9.7	2.043	3.012	4.4	17.5
12 7	3 50.05	+ 7 25.9	2.084	3.021	7.0	17.7
12 17	3 43.78	+ 6 56.3	2.152	3.030	10.0	17.9
12 27	3 39.31	+ 6 42.1	2.244	3.040	12.7	18.1

28815 2000 JS_{17} 11 24.2 63°.45 4°.4/21.5 18

10 18	4 22.83	+ 9 14.9	2.303	3.114	12.4	18.1
10 28	4 18.56	+ 8 17.5	2.235	3.123	9.7	18.0
11 7	4 12.52	+ 7 21.8	2.191	3.131	6.9	17.8
11 17	4 5.27	+ 6 31.6	2.175	3.140	4.7	17.7
11 27	3 57.59	+ 5 50.9	2.187	3.149	4.8	17.7
12 7	3 50.29	+ 5 22.7	2.228	3.157	7.1	17.9
12 17	3 44.09	+ 5 8.8	2.296	3.166	9.8	18.0
12 27	3 39.59	+ 5 9.5	2.388	3.175	12.3	18.2

509007 2005 JV_{28} 11 24.2 201°.72 3°.2/23.1 18

10 18	4 32.09	+12 44.7	1.787	2.596	15.5	22.3
10 28	4 26.44	+12 32.2	1.704	2.593	12.1	22.1
11 7	4 18.12	+12 20.7	1.643	2.589	8.2	21.8
11 17	4 7.79	+12 12.3	1.608	2.584	4.3	21.6
11 27	3 56.56	+12 9.4	1.601	2.579	3.7	21.5
12 7	3 45.70	+12 14.5	1.624	2.574	7.3	21.7
12 17	3 36.39	+12 29.0	1.674	2.567	11.4	22.0
12 27	3 29.55	+12 53.9	1.747	2.560	15.0	22.2

368860 2006 JO_{49} 11 24.2 97°.53 0°.9/24.5 15

10 18	4 34.48	+24 13.9	1.462	2.272	18.3	22.0
10 28	4 28.62	+24 4.9	1.403	2.292	14.2	21.7
11 7	4 19.58	+23 45.6	1.365	2.312	9.4	21.5
11 17	4 8.35	+23 15.9	1.351	2.331	4.2	21.3
11 27	3 56.41	+22 38.0	1.364	2.349	1.6	21.1
12 7	3 45.37	+21 56.9	1.405	2.368	6.6	21.5
12 17	3 36.52	+21 18.4	1.473	2.385	11.3	21.8
12 27	3 30.74	+20 47.9	1.564	2.403	15.2	22.1

267779 2003 SO_{104} 11 24.2 26°.77 2°.0/25.1 18

10 18	4 25.87	+26 39.5	1.959	2.760	14.6	20.4
10 28	4 21.54	+26 45.9	1.883	2.766	11.5	20.2
11 7	4 14.80	+26 43.2	1.830	2.772	7.8	20.0
11 17	4 6.33	+26 30.4	1.802	2.779	4.0	19.8
11 27	3 57.17	+26 8.5	1.803	2.786	2.1	19.7
12 7	3 48.47	+25 40.1	1.832	2.794	5.4	19.9
12 17	3 41.25	+25 9.5	1.888	2.801	9.1	20.1
12 27	3 36.29	+24 41.1	1.969	2.810	12.5	20.4

458199 2010 RL_{28} 11 24.2 356°.62 3°.0/25.6 18

10 18	4 28.20	+29 30.4	1.933	2.724	15.2	21.3
10 28	4 23.51	+29 40.5	1.850	2.723	12.1	21.1
11 7	4 16.21	+29 39.0	1.788	2.723	8.5	20.9
11 17	4 6.97	+29 24.4	1.752	2.723	4.8	20.7
11 27	3 56.91	+28 56.8	1.743	2.723	3.1	20.6
12 7	3 47.29	+28 19.2	1.763	2.723	5.8	20.8
12 17	3 39.24	+27 36.3	1.811	2.723	9.5	21.0
12 27	3 33.63	+26 54.1	1.883	2.723	13.0	21.2

245653 2005 YH_{150} 11 24.2 152°.43 3°.8/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 28.72	+35 27.1	2.842	3.588	11.9	21.5
10 28	4 23.09	+35 37.2	2.756	3.596	9.7	21.3
11 7	4 15.51	+35 35.7	2.694	3.603	7.2	21.2
11 17	4 6.57	+35 20.9	2.658	3.610	4.9	21.0
11 27	3 57.10	+34 52.6	2.651	3.616	3.8	21.0
12 7	3 48.01	+34 12.8	2.675	3.622	5.0	21.1
12 17	3 40.12	+33 25.3	2.729	3.628	7.3	21.2
12 27	3 34.07	+32 34.6	2.809	3.633	9.7	21.4

457368 2008 SC_{301} 11 24.2 43°.09 8°.7/28.9 17

10 18	4 32.82	+45 1.1	2.119	2.838	16.2	21.0
10 28	4 27.49	+46 7.1	2.051	2.851	14.0	20.8
11 7	4 19.02	+46 54.7	2.002	2.865	11.7	20.7
11 17	4 8.22	+47 18.0	1.976	2.879	9.7	20.6
11 27	3 56.43	+47 13.9	1.976	2.893	8.7	20.6
12 7	3 45.22	+46 43.8	2.001	2.908	9.1	20.6
12 17	3 35.98	+45 52.8	2.052	2.923	10.7	20.8
12 27	3 29.69	+44 49.1	2.126	2.938	12.7	20.9

324775 2007 GM_{48} 11 24.2 75°.26 1°.8/23.2 18

10 18	4 24.84	+17 4.2	2.241	3.050	12.8	20.6
10 28	4 20.17	+16 31.1	2.174	3.064	9.8	20.5
11 7	4 13.60	+15 54.9	2.130	3.078	6.4	20.3
11 17	4 5.74	+15 17.9	2.113	3.093	3.0	20.1
11 27	3 57.44	+14 42.9	2.126	3.107	2.3	20.1
12 7	3 49.59	+14 13.0	2.168	3.121	5.5	20.3
12 17	3 42.96	+13 50.7	2.239	3.136	8.8	20.5
12 27	3 38.15	+13 38.0	2.334	3.150	11.6	20.7

76278 2000 EP_{115} 11 24.2 82°.75 3°.9/21.9 18

10 18	4 23.51	+10 11.7	2.331	3.141	12.3	19.8
10 28	4 19.09	+ 9 25.7	2.260	3.148	9.6	19.6
11 7	4 12.88	+ 8 41.1	2.214	3.156	6.7	19.4
11 17	4 5.45	+ 8 1.0	2.194	3.163	4.3	19.3
11 27	3 57.56	+ 7 28.9	2.204	3.170	4.3	19.3
12 7	3 50.04	+ 7 7.7	2.243	3.178	6.7	19.5
12 17	3 43.62	+ 6 59.0	2.309	3.185	9.5	19.7
12 27	3 38.89	+ 7 3.2	2.399	3.192	12.1	19.8

517401 2014 LP_5 11 24.2 92°.58 1°.7/23.3 18

10 18	4 26.66	+18 3.7	1.869	2.683	14.7	21.7
10 28	4 22.07	+17 30.2	1.793	2.687	11.3	21.5
11 7	4 15.11	+16 52.0	1.740	2.690	7.4	21.3
11 17	4 6.47	+16 11.3	1.712	2.693	3.4	21.0
11 27	3 57.15	+15 31.6	1.714	2.696	2.4	21.0
12 7	3 48.30	+14 56.8	1.744	2.700	6.3	21.3
12 17	3 40.92	+14 30.4	1.801	2.703	10.2	21.5
12 27	3 35.77	+14 15.2	1.882	2.706	13.7	21.7

317640 2003 ER_{23} 11 24.2 242°.12 1°.0/23.8 18 R

10 18	4 29.47	+19 11.9	1.815	2.626	15.3	21.3
10 28	4 24.56	+18 56.9	1.724	2.615	11.9	21.1
11 7	4 16.97	+18 36.8	1.655	2.604	7.9	20.8
11 17	4 7.35	+18 12.6	1.612	2.593	3.4	20.5
11 27	3 56.77	+17 46.6	1.597	2.581	1.9	20.4
12 7	3 46.51	+17 22.1	1.611	2.569	6.4	20.7
12 17	3 37.75	+17 2.9	1.652	2.557	10.8	20.9
12 27	3 31.42	+16 52.3	1.717	2.544	14.6	21.1

395511 2011 UX_{123} 11 24.2 192°.42 0°.5/24.3 18

10 18	4 29.55	+21 28.8	1.873	2.678	15.0	21.1
10 28	4 24.50	+21 42.6	1.791	2.678	11.7	20.9
11 7	4 16.85	+21 51.6	1.731	2.678	7.8	20.7
11 17	4 7.27	+21 55.2	1.697	2.677	3.4	20.4
11 27	3 56.82	+21 53.8	1.692	2.677	1.3	20.3
12 7	3 46.75	+21 49.4	1.715	2.677	5.8	20.6
12 17	3 38.20	+21 44.7	1.767	2.676	9.9	20.8
12 27	3 32.05	+21 43.3	1.842	2.675	13.5	21.0

474237 2001 RN_{13} 11 24.2 51°.29 2°.0/24.9 18

10 18	4 31.37	+26 24.7	1.277	2.099	19.8	21.3
10 28	4 26.60	+26 21.9	1.227	2.121	15.5	21.1
11 7	4 18.41	+26 5.8	1.196	2.144	10.4	20.9
11 17	4 7.89	+25 36.0	1.188	2.167	5.0	20.7
11 27	3 56.66	+24 54.8	1.206	2.190	2.3	20.6
12 7	3 46.46	+24 8.0	1.250	2.214	7.0	20.9
12 17	3 38.67	+23 22.5	1.319	2.238	11.8	21.3
12 27	3 34.12	+22 44.7	1.411	2.262	15.8	21.6

246842 Dutchstapelbroek 11 24.2 260°.29 4°.3/21.6 18

10 18	4 26.24	+13 39.2	1.897	2.714	14.5	19.9
10 28	4 21.80	+12 18.6	1.807	2.700	11.3	19.6
11 7	4 15.00	+10 53.1	1.740	2.687	7.8	19.4
11 17	4 6.47	+ 9 27.5	1.700	2.673	4.8	19.2
11 27	3 57.15	+ 8 8.3	1.689	2.659	5.0	19.2
12 7	3 48.18	+ 7 1.6	1.707	2.645	8.2	19.3
12 17	3 40.55	+ 6 12.2	1.751	2.630	11.8	19.5
12 27	3 35.09	+ 5 42.4	1.819	2.615	15.2	19.7

413800 2006 JK_3 11 24.2 213°.98 2°.0/22.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 23.51	+16 32.5	2.675	3.477	11.1	21.1
10 28	4 18.97	+15 43.7	2.586	3.473	8.6	21.0
11 7	4 12.77	+14 51.2	2.522	3.469	5.7	20.8
11 17	4 5.42	+13 57.5	2.486	3.464	2.8	20.6
11 27	3 57.59	+13 5.7	2.480	3.459	2.5	20.5
12 7	3 50.04	+12 19.1	2.506	3.454	5.2	20.7
12 17	3 43.46	+11 40.7	2.560	3.448	8.2	20.9
12 27	3 38.42	+11 12.7	2.640	3.443	10.8	21.1

321943 2010 TO_{142} 11 24.2 277°.82 1°.3/24.9 18

10 18	4 27.02	+26 4.6	2.207	2.999	13.5	21.2
10 28	4 22.41	+25 52.3	2.097	2.976	10.7	20.9
11 7	4 15.46	+25 30.4	2.010	2.952	7.3	20.7
11 17	4 6.70	+24 58.5	1.950	2.928	3.5	20.4
11 27	3 57.04	+24 17.7	1.918	2.903	1.6	20.2
12 7	3 47.57	+23 31.1	1.917	2.878	5.3	20.4
12 17	3 39.32	+22 43.2	1.944	2.853	9.2	20.6
12 27	3 33.15	+21 58.9	1.997	2.828	12.7	20.8

215048 2009 DZ_{18} 11 24.2 299°.15 2°.0/23.3 18

10 18	4 26.90	+16 53.8	1.817	2.634	15.0	20.7
10 28	4 22.39	+16 29.6	1.737	2.632	11.6	20.5
11 7	4 15.42	+16 2.1	1.680	2.630	7.7	20.3
11 17	4 6.64	+15 33.2	1.649	2.629	3.5	20.0
11 27	3 57.10	+15 6.1	1.645	2.627	2.6	20.0
12 7	3 47.97	+14 44.1	1.670	2.626	6.6	20.2
12 17	3 40.32	+14 30.4	1.722	2.624	10.6	20.4
12 27	3 34.96	+14 27.2	1.798	2.623	14.2	20.7

297359 2000 CL_{106} 11 24.2 53°.82 1°.4/23.6 18

10 18	4 27.97	+18 11.9	1.620	2.442	16.3	20.7
10 28	4 23.34	+17 55.8	1.557	2.454	12.6	20.5
11 7	4 16.04	+17 35.6	1.515	2.467	8.2	20.2
11 17	4 6.88	+17 13.1	1.498	2.480	3.6	20.0
11 27	3 57.04	+16 51.1	1.509	2.493	2.2	19.9
12 7	3 47.82	+16 32.9	1.548	2.507	6.6	20.2
12 17	3 40.34	+16 21.8	1.613	2.520	10.8	20.5
12 27	3 35.37	+16 20.0	1.701	2.534	14.5	20.8

11315 Salpêtrière 11 24.2 53°.85 0°.0/24.2 18

10 18	4 29.43	+22 13.8	1.382	2.207	18.4	18.0
10 28	4 25.01	+21 56.5	1.318	2.216	14.3	17.7
11 7	4 17.41	+21 30.1	1.274	2.226	9.4	17.5
11 17	4 7.53	+20 55.5	1.253	2.235	4.0	17.2
11 27	3 56.79	+20 16.1	1.260	2.245	1.6	17.1
12 7	3 46.80	+19 36.8	1.293	2.256	7.0	17.4
12 17	3 38.90	+19 3.1	1.351	2.266	11.9	17.8
12 27	3 33.99	+18 39.7	1.432	2.277	16.0	18.0

170174 2003 KF_5 11 24.2 84°.93 0°.5/23.9 18

10 18	4 33.78	+22 10.0	1.337	2.157	19.2	20.7
10 28	4 28.18	+21 37.7	1.283	2.179	14.8	20.5
11 7	4 19.32	+20 55.7	1.250	2.201	9.6	20.2
11 17	4 8.26	+20 5.8	1.240	2.222	4.0	20.0
11 27	3 56.55	+19 12.3	1.258	2.243	1.8	19.9
12 7	3 45.85	+18 21.4	1.303	2.264	7.2	20.3
12 17	3 37.47	+17 39.2	1.373	2.284	12.1	20.6
12 27	3 32.21	+17 9.8	1.466	2.304	16.1	20.9

291479 2006 DB_{93} 11 24.2 115°.38 2°.7/22.9 18

10 18	4 29.22	+14 42.5	2.045	2.851	13.9	21.9
10 28	4 23.62	+14 5.0	1.981	2.869	10.7	21.7
11 7	4 15.91	+13 25.8	1.940	2.887	7.1	21.6
11 17	4 6.75	+12 47.8	1.926	2.904	3.7	21.4
11 27	3 57.13	+12 14.3	1.942	2.920	3.2	21.4
12 7	3 48.05	+11 48.5	1.988	2.936	6.4	21.6
12 17	3 40.39	+11 32.8	2.062	2.951	9.8	21.9
12 27	3 34.80	+11 28.4	2.160	2.966	12.8	22.1

473591 2015 XB_{245} 11 24.2 303°.53 0°.9/23.6 18

10 18	4 23.86	+21 45.4	2.146	2.954	13.3	20.8
10 28	4 19.91	+20 54.5	2.039	2.929	10.4	20.5
11 7	4 13.77	+19 54.0	1.955	2.905	6.8	20.3
11 17	4 5.97	+18 45.7	1.898	2.880	2.9	20.0
11 27	3 57.39	+17 33.3	1.871	2.855	1.7	19.9
12 7	3 49.03	+16 22.0	1.873	2.831	5.8	20.1
12 17	3 41.85	+15 17.1	1.904	2.807	9.7	20.3
12 27	3 36.64	+14 23.2	1.959	2.783	13.2	20.5

430894 2005 RF_{40} 11 24.2 122°.08 1°.9/25.1 18

10 18	4 33.82	+27 21.1	1.855	2.643	15.8	21.5
10 28	4 27.61	+27 12.9	1.786	2.661	12.4	21.3
11 7	4 18.73	+26 53.3	1.739	2.678	8.4	21.1
11 17	4 8.00	+26 21.7	1.719	2.695	4.2	20.9
11 27	3 56.65	+25 39.6	1.728	2.711	2.1	20.8
12 7	3 46.00	+24 51.2	1.766	2.726	5.7	21.1
12 17	3 37.17	+24 2.1	1.832	2.741	9.7	21.3
12 27	3 30.93	+23 17.7	1.924	2.755	13.1	21.6

514023 2014 KS_{22} 11 24.2 107°.73 4°.9/22.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 29.67	+ 6 23.4	2.045	2.846	14.1	21.2
10 28	4 23.97	+ 6 5.7	1.981	2.861	11.1	21.1
11 7	4 16.15	+ 5 53.8	1.941	2.876	8.0	20.9
11 17	4 6.88	+ 5 50.6	1.927	2.890	5.4	20.8
11 27	3 57.08	+ 5 58.6	1.942	2.904	5.2	20.8
12 7	3 47.79	+ 6 18.9	1.986	2.918	7.6	21.0
12 17	3 39.86	+ 6 51.4	2.057	2.931	10.6	21.2
12 27	3 33.98	+ 7 35.1	2.153	2.944	13.3	21.4

474364 2002 RJ_{16} 11 24.2 66°.88 3°.0/23.1 18

10 18	4 33.60	+16 11.3	1.314	2.140	19.1	21.1
10 28	4 27.76	+15 30.8	1.273	2.172	14.6	20.9
11 7	4 18.86	+14 47.7	1.252	2.204	9.6	20.7
11 17	4 8.01	+14 5.7	1.256	2.235	4.6	20.5
11 27	3 56.71	+13 29.4	1.286	2.267	3.7	20.6
12 7	3 46.51	+13 3.3	1.343	2.298	8.0	20.9
12 17	3 38.58	+12 50.4	1.426	2.328	12.4	21.2
12 27	3 33.63	+12 51.9	1.531	2.358	16.1	21.6

208034 1999 RT_{28} 11 24.2 28°.93 9°.3/27.1 18

10 18	4 34.21	+37 56.0	1.384	2.166	20.5	19.2
10 28	4 29.76	+39 35.2	1.324	2.177	17.3	19.0
11 7	4 21.20	+40 56.5	1.282	2.188	13.8	18.8
11 17	4 9.38	+41 51.1	1.262	2.201	10.7	18.7
11 27	3 56.09	+42 12.8	1.265	2.214	9.3	18.7
12 7	3 43.52	+42 2.5	1.294	2.228	10.6	18.8
12 17	3 33.61	+41 27.1	1.345	2.242	13.4	19.0
12 27	3 27.62	+40 37.8	1.418	2.258	16.5	19.2

336578 2009 SB_{173} 11 24.2 237°.72 3°.6/25.6 18

10 18	4 32.09	+29 59.0	1.680	2.473	17.0	21.4
10 28	4 27.12	+30 13.4	1.591	2.465	13.7	21.2
11 7	4 18.95	+30 14.8	1.522	2.457	9.8	20.9
11 17	4 8.31	+30 0.2	1.477	2.448	5.6	20.6
11 27	3 56.51	+29 29.1	1.460	2.439	3.7	20.5
12 7	3 45.12	+28 44.5	1.471	2.430	6.8	20.7
12 17	3 35.61	+27 52.8	1.508	2.421	11.1	20.9
12 27	3 29.04	+27 1.4	1.569	2.411	15.0	21.1

367680 2010 ME_{109} 11 24.2 72°.91 0°.4/24.0 16

10 18	4 34.42	+21 39.1	1.259	2.083	19.9	21.6
10 28	4 28.78	+21 16.7	1.211	2.109	15.3	21.4
11 7	4 19.76	+20 45.6	1.183	2.135	10.0	21.2
11 17	4 8.47	+20 7.1	1.179	2.160	4.2	20.9
11 27	3 56.56	+19 25.1	1.200	2.186	1.8	20.8
12 7	3 45.77	+18 45.3	1.249	2.211	7.3	21.2
12 17	3 37.42	+18 13.2	1.323	2.236	12.3	21.6
12 27	3 32.32	+17 52.8	1.419	2.260	16.3	21.9

278171 2007 DA_{71} 11 24.2 132°.41 1°.4/23.6 18

10 18	4 30.84	+18 6.5	1.906	2.711	14.8	21.9
10 28	4 25.17	+17 46.0	1.835	2.723	11.4	21.7
11 7	4 17.10	+17 21.6	1.787	2.735	7.5	21.5
11 17	4 7.34	+16 54.7	1.766	2.746	3.3	21.3
11 27	3 56.96	+16 28.0	1.774	2.757	2.1	21.2
12 7	3 47.12	+16 4.7	1.811	2.767	6.1	21.5
12 17	3 38.84	+15 47.8	1.876	2.777	10.0	21.7
12 27	3 32.86	+15 39.9	1.966	2.786	13.3	22.0

412943 2014 QR_{225} 11 24.2 208°.30 1°.7/23.3 18

10 18	4 25.08	+17 32.9	2.217	3.025	12.9	21.6
10 28	4 20.56	+17 0.7	2.133	3.024	10.0	21.4
11 7	4 14.03	+16 24.6	2.074	3.023	6.5	21.2
11 17	4 6.05	+15 46.7	2.041	3.022	3.0	21.0
11 27	3 57.49	+15 9.8	2.038	3.020	2.2	20.9
12 7	3 49.27	+14 37.3	2.065	3.019	5.6	21.1
12 17	3 42.24	+14 12.1	2.119	3.018	9.1	21.3
12 27	3 37.09	+13 56.6	2.199	3.016	12.2	21.5

134165 2005 BJ_{18} 11 24.2 160°.80 4°.0/22.7 18

10 18	4 29.89	+ 8 53.0	2.116	2.917	13.7	19.9
10 28	4 24.23	+ 8 39.2	2.040	2.922	10.7	19.8
11 7	4 16.42	+ 8 29.1	1.987	2.926	7.5	19.6
11 17	4 7.07	+ 8 25.3	1.961	2.930	4.6	19.4
11 27	3 57.10	+ 8 29.9	1.964	2.934	4.4	19.4
12 7	3 47.50	+ 8 44.5	1.997	2.937	7.0	19.6
12 17	3 39.21	+ 9 9.6	2.058	2.939	10.2	19.8
12 27	3 32.93	+ 9 45.0	2.144	2.941	13.2	20.0

176006 2000 RQ_{58} 11 24.2 1°.68 5°.2/22.1 18

10 18	4 21.36	+15 53.3	0.959	1.827	21.3	19.5
10 28	4 19.79	+14 31.5	0.902	1.824	16.6	19.2
11 7	4 14.52	+13 1.6	0.862	1.823	11.2	18.9
11 17	4 6.48	+11 32.1	0.843	1.823	6.2	18.6
11 27	3 57.34	+10 13.6	0.847	1.825	6.2	18.6
12 7	3 48.98	+ 9 15.9	0.873	1.828	11.0	18.9
12 17	3 42.99	+ 8 44.8	0.920	1.833	16.2	19.2
12 27	3 40.41	+ 8 41.5	0.984	1.839	20.8	19.5

10912 1997 YW_5 11 24.2 302°.11 0°.1/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 27.36	+20 11.2	1.894	2.705	14.7	17.8
10 28	4 22.89	+20 18.2	1.804	2.695	11.5	17.5
11 7	4 15.89	+20 21.2	1.737	2.686	7.6	17.3
11 17	4 6.96	+20 20.2	1.695	2.676	3.3	17.0
11 27	3 57.12	+20 16.1	1.682	2.667	1.3	16.8
12 7	3 47.55	+20 10.9	1.697	2.658	5.8	17.1
12 17	3 39.39	+20 7.4	1.740	2.650	10.0	17.4
12 27	3 33.52	+20 8.6	1.807	2.641	13.7	17.6

34857 2001 TB_{36} 11 24.2 264°.15 4°.8/25.8 18

10 18	4 32.67	+31 14.7	1.772	2.557	16.6	19.4
10 28	4 27.67	+31 58.8	1.676	2.543	13.5	19.1
11 7	4 19.45	+32 32.2	1.601	2.529	9.9	18.9
11 17	4 8.63	+32 50.3	1.551	2.515	6.4	18.6
11 27	3 56.44	+32 50.4	1.528	2.501	4.8	18.5
12 7	3 44.47	+32 33.4	1.532	2.486	7.2	18.6
12 17	3 34.24	+32 3.6	1.563	2.471	11.1	18.8
12 27	3 26.94	+31 28.3	1.618	2.456	14.8	19.0

47903 2000 GX_{55} 11 24.2 290°.69 2°.5/22.8 18

10 18	4 23.44	+14 56.3	2.302	3.113	12.4	18.7
10 28	4 19.28	+14 20.4	2.211	3.103	9.6	18.5
11 7	4 13.20	+13 42.2	2.145	3.093	6.4	18.3
11 17	4 5.72	+13 4.2	2.106	3.083	3.3	18.1
11 27	3 57.63	+12 29.4	2.096	3.074	3.0	18.0
12 7	3 49.80	+12 1.1	2.115	3.064	5.9	18.2
12 17	3 43.04	+11 41.9	2.162	3.054	9.3	18.4
12 27	3 38.04	+11 33.5	2.234	3.045	12.2	18.6

482482 2012 RY_{23} 11 24.2 353°.82 5°.4/25.3 18

10 18	4 34.49	+29 1.8	1.497	2.296	18.5	20.8
10 28	4 29.54	+30 26.4	1.418	2.294	14.9	20.6
11 7	4 20.92	+31 43.6	1.360	2.293	10.9	20.4
11 17	4 9.32	+32 46.8	1.326	2.291	7.0	20.1
11 27	3 56.17	+33 30.6	1.318	2.291	5.5	20.0
12 7	3 43.35	+33 53.7	1.337	2.290	8.2	20.2
12 17	3 32.63	+33 59.7	1.382	2.290	12.2	20.4
12 27	3 25.33	+33 55.6	1.450	2.291	16.1	20.7

51276 2000 JZ_{81} 11 24.2 231°.06 3°.0/25.9 18 R

10 18	4 29.13	+31 38.0	2.207	2.982	14.0	18.7
10 28	4 24.00	+31 27.2	2.111	2.974	11.3	18.5
11 7	4 16.46	+31 3.1	2.036	2.965	8.1	18.3
11 17	4 7.15	+30 24.4	1.988	2.956	4.7	18.1
11 27	3 57.07	+29 31.9	1.969	2.947	3.0	17.9
12 7	3 47.38	+28 29.1	1.979	2.937	5.4	18.1
12 17	3 39.11	+27 21.4	2.018	2.928	8.9	18.3
12 27	3 33.08	+26 15.1	2.084	2.917	12.1	18.4

191528 2003 UV_{193} 11 24.2 335°.55 0°.8/23.8 17

10 18	4 24.58	+19 3.2	2.025	2.838	13.8	19.8
10 28	4 20.50	+18 55.0	1.939	2.832	10.7	19.6
11 7	4 14.17	+18 42.8	1.876	2.826	7.0	19.3
11 17	4 6.18	+18 27.8	1.839	2.820	3.0	19.1
11 27	3 57.46	+18 11.6	1.830	2.815	1.6	19.0
12 7	3 49.05	+17 57.0	1.850	2.810	5.6	19.2
12 17	3 41.91	+17 46.5	1.898	2.806	9.5	19.5
12 27	3 36.83	+17 42.9	1.970	2.801	12.8	19.7

388726 2007 VS_{204} 11 24.2 112°.24 0°.5/24.4 18

10 18	4 29.77	+22 44.4	1.940	2.741	14.8	21.6
10 28	4 24.47	+22 42.9	1.867	2.752	11.4	21.4
11 7	4 16.71	+22 34.6	1.816	2.762	7.6	21.1
11 17	4 7.23	+22 19.7	1.792	2.772	3.3	20.9
11 27	3 57.08	+21 59.3	1.797	2.782	1.3	20.8
12 7	3 47.43	+21 36.5	1.831	2.792	5.5	21.1
12 17	3 39.33	+21 14.7	1.893	2.801	9.4	21.3
12 27	3 33.54	+20 57.7	1.980	2.811	12.8	21.6

286992 2002 QJ_{54} 11 24.2 130°.15 4°.4/26.5 18

10 18	4 31.50	+33 47.1	2.060	2.828	15.1	21.3
10 28	4 25.97	+34 4.6	1.981	2.837	12.3	21.1
11 7	4 17.80	+34 8.4	1.924	2.844	9.0	20.9
11 17	4 7.72	+33 55.8	1.892	2.852	5.9	20.7
11 27	3 56.89	+33 26.3	1.889	2.859	4.4	20.6
12 7	3 46.58	+32 42.8	1.914	2.866	6.2	20.8
12 17	3 37.94	+31 50.5	1.967	2.873	9.3	21.0
12 27	3 31.79	+30 56.0	2.046	2.879	12.3	21.2

120108 2003 FP_{24} 11 24.2 25°.12 4°.1/22.2 18

10 18	4 24.77	+12 17.7	1.859	2.680	14.5	19.8
10 28	4 20.60	+11 24.6	1.787	2.682	11.3	19.6
11 7	4 14.18	+10 30.7	1.737	2.684	7.8	19.4
11 17	4 6.16	+ 9 40.3	1.714	2.687	4.7	19.2
11 27	3 57.51	+ 8 58.0	1.718	2.690	4.6	19.2
12 7	3 49.31	+ 8 27.9	1.751	2.693	7.6	19.4
12 17	3 42.49	+ 8 12.3	1.809	2.696	11.1	19.6
12 27	3 37.78	+ 8 12.4	1.891	2.699	14.2	19.8

74849 1999 TP_{51} 11 24.2 220°.90 2°.8/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 31.92	+27 31.6	1.562	2.366	17.6	20.3
10 28	4 27.07	+27 45.3	1.481	2.363	14.0	20.0
11 7	4 18.96	+27 47.5	1.419	2.361	9.7	19.8
11 17	4 8.36	+27 35.9	1.382	2.358	5.1	19.5
11 27	3 56.63	+27 10.3	1.372	2.355	2.9	19.3
12 7	3 45.40	+26 34.3	1.390	2.351	6.8	19.6
12 17	3 36.14	+25 53.5	1.433	2.348	11.4	19.8
12 27	3 29.91	+25 15.1	1.500	2.345	15.5	20.1

409105 2003 SL_{432} 11 24.2 57°.65 1°.1/23.7 18

10 18	4 25.00	+18 47.2	2.187	2.995	13.1	21.6
10 28	4 20.52	+18 27.2	2.110	3.000	10.1	21.5
11 7	4 14.01	+18 3.2	2.056	3.005	6.6	21.3
11 17	4 6.07	+17 36.6	2.029	3.010	2.9	21.0
11 27	3 57.56	+17 9.8	2.031	3.015	1.7	20.9
12 7	3 49.44	+16 45.6	2.063	3.020	5.3	21.2
12 17	3 42.54	+16 26.7	2.123	3.026	8.8	21.4
12 27	3 37.55	+16 15.5	2.208	3.031	11.9	21.6

101816 1999 JN_{12} 11 24.2 321°.30 6°.4/21.6 18

10 18	4 23.93	+ 6 54.7	1.637	2.464	15.9	18.4
10 28	4 20.47	+ 6 5.3	1.552	2.446	12.7	18.1
11 7	4 14.42	+ 5 19.8	1.488	2.429	9.4	17.9
11 17	4 6.39	+ 4 43.7	1.448	2.412	6.8	17.7
11 27	3 57.40	+ 4 22.5	1.435	2.396	7.0	17.7
12 7	3 48.69	+ 4 20.2	1.447	2.380	9.8	17.8
12 17	3 41.40	+ 4 38.3	1.484	2.365	13.5	18.0
12 27	3 36.46	+ 5 16.0	1.542	2.350	16.9	18.2

474592 2004 PG_{30} 11 24.2 90°.07 2°.8/25.4 18

10 18	4 34.06	+28 37.0	1.726	2.516	16.7	21.4
10 28	4 28.01	+28 45.5	1.666	2.540	13.2	21.2
11 7	4 19.10	+28 41.7	1.627	2.563	9.1	21.0
11 17	4 8.24	+28 24.2	1.613	2.587	4.9	20.8
11 27	3 56.76	+27 53.7	1.628	2.609	2.9	20.7
12 7	3 46.08	+27 14.2	1.672	2.632	6.0	21.0
12 17	3 37.36	+26 31.3	1.743	2.653	9.9	21.3
12 27	3 31.41	+25 51.0	1.838	2.675	13.4	21.5

262457 2006 UB_{126} 11 24.2 320°.54 1°.2/24.8 18

10 18	4 27.18	+24 50.3	1.866	2.671	15.1	21.2
10 28	4 22.78	+24 47.9	1.781	2.667	11.8	21.0
11 7	4 15.81	+24 36.8	1.718	2.663	8.0	20.8
11 17	4 6.93	+24 16.5	1.681	2.660	3.7	20.5
11 27	3 57.22	+23 48.4	1.672	2.657	1.6	20.3
12 7	3 47.89	+23 15.6	1.691	2.654	5.7	20.6
12 17	3 40.08	+22 42.5	1.738	2.650	9.8	20.9
12 27	3 34.65	+22 13.7	1.809	2.648	13.5	21.1

314721 2006 SD_{71} 11 24.2 334°.53 1°.4/23.6 18

10 18	4 26.23	+18 27.4	1.826	2.643	14.9	20.8
10 28	4 21.95	+18 6.3	1.745	2.640	11.6	20.6
11 7	4 15.20	+17 40.6	1.687	2.638	7.6	20.4
11 17	4 6.66	+17 12.1	1.654	2.635	3.3	20.1
11 27	3 57.33	+16 43.6	1.649	2.633	2.1	20.0
12 7	3 48.41	+16 18.4	1.673	2.631	6.3	20.3
12 17	3 40.94	+16 0.0	1.723	2.629	10.4	20.5
12 27	3 35.76	+15 51.1	1.798	2.628	13.9	20.8

261342 2005 UE_{265} 11 24.2 16°.43 1°.4/23.6 18

10 18	4 25.59	+18 13.3	1.982	2.795	14.1	21.3
10 28	4 21.22	+17 51.4	1.903	2.796	10.8	21.1
11 7	4 14.61	+17 25.4	1.847	2.797	7.1	20.9
11 17	4 6.38	+16 57.1	1.817	2.798	3.1	20.6
11 27	3 57.48	+16 29.0	1.816	2.799	2.0	20.6
12 7	3 48.98	+16 4.5	1.844	2.801	5.9	20.8
12 17	3 41.82	+15 46.4	1.899	2.803	9.7	21.1
12 27	3 36.76	+15 37.3	1.978	2.804	13.0	21.3

76371 2000 EW_{181} 11 24.2 156°.72 5°.8/21.5 18

10 18	4 27.51	+ 2 58.1	2.354	3.147	12.7	20.6
10 28	4 22.15	+ 2 18.5	2.284	3.154	10.3	20.4
11 7	4 14.94	+ 1 45.3	2.237	3.160	7.8	20.3
11 17	4 6.45	+ 1 22.4	2.217	3.165	6.1	20.2
11 27	3 57.47	+ 1 13.0	2.226	3.171	6.2	20.2
12 7	3 48.86	+ 1 18.8	2.264	3.175	8.0	20.3
12 17	3 41.38	+ 1 40.1	2.329	3.179	10.4	20.5
12 27	3 35.65	+ 2 15.7	2.418	3.183	12.8	20.7

334236 2001 TM_{91} 11 24.2 19°.40 1°.9/24.9 18

10 18	4 28.64	+25 39.0	1.370	2.193	18.7	20.4
10 28	4 24.72	+25 43.4	1.301	2.195	14.7	20.2
11 7	4 17.47	+25 36.4	1.251	2.199	10.0	19.9
11 17	4 7.74	+25 16.9	1.224	2.203	4.8	19.7
11 27	3 56.96	+24 46.1	1.223	2.207	2.2	19.5
12 7	3 46.84	+24 8.6	1.248	2.212	6.9	19.8
12 17	3 38.83	+23 30.4	1.298	2.217	11.8	20.1
12 27	3 33.95	+22 58.0	1.370	2.223	16.1	20.4

154639 2003 YJ_{90} 11 24.2 7°.01 0°.2/24.2 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 23.44	+20 1.0	0.931	1.795	22.1	19.0
10 28	4 21.74	+20 12.2	0.875	1.795	17.2	18.7
11 7	4 16.04	+20 17.2	0.837	1.797	11.4	18.4
11 17	4 7.25	+20 16.4	0.818	1.801	4.9	18.1
11 27	3 57.16	+20 11.8	0.821	1.807	1.9	17.9
12 7	3 47.87	+20 7.1	0.846	1.814	8.5	18.3
12 17	3 41.18	+20 7.0	0.893	1.824	14.4	18.7
12 27	3 38.25	+20 15.4	0.959	1.835	19.4	19.0

332462 2008 CR_{153} 11 24.2 116°.29 2°.2/25.1 17

10 18	4 35.71	+26 37.4	1.807	2.595	16.2	21.3
10 28	4 29.22	+26 53.0	1.741	2.615	12.7	21.1
11 7	4 19.92	+26 58.7	1.697	2.635	8.7	20.9
11 17	4 8.65	+26 52.9	1.678	2.654	4.4	20.7
11 27	3 56.67	+26 35.9	1.689	2.672	2.4	20.6
12 7	3 45.40	+26 10.5	1.729	2.689	5.9	20.9
12 17	3 36.00	+25 41.4	1.798	2.706	9.8	21.2
12 27	3 29.31	+25 14.1	1.891	2.722	13.3	21.4

50620 2000 ES_{62} 11 24.2 262°.77 1°.7/24.9 18

10 18	4 28.83	+25 25.3	1.937	2.735	14.9	19.2
10 28	4 24.07	+25 36.6	1.848	2.729	11.7	19.0
11 7	4 16.70	+25 39.9	1.781	2.723	8.0	18.8
11 17	4 7.37	+25 34.1	1.739	2.717	3.9	18.5
11 27	3 57.13	+25 19.2	1.726	2.710	2.0	18.4
12 7	3 47.21	+24 57.8	1.742	2.704	5.7	18.6
12 17	3 38.77	+24 33.5	1.786	2.697	9.7	18.8
12 27	3 32.71	+24 11.1	1.854	2.691	13.3	19.1

147559 2004 FR_{20} 11 24.2 252°.53 0°.3/24.3 18

10 18	4 30.35	+22 45.7	1.695	2.504	16.2	20.4
10 28	4 25.61	+22 34.6	1.602	2.491	12.7	20.2
11 7	4 17.92	+22 15.0	1.530	2.478	8.5	19.9
11 17	4 7.96	+21 46.9	1.484	2.464	3.7	19.6
11 27	3 56.89	+21 12.1	1.465	2.451	1.4	19.4
12 7	3 46.14	+20 34.4	1.475	2.436	6.5	19.7
12 17	3 37.04	+19 58.9	1.511	2.422	11.2	19.9
12 27	3 30.62	+19 30.8	1.571	2.407	15.3	20.1

305606 2008 YF_{154} 11 24.2 182°.79 2°.1/23.2 18

10 18	4 28.40	+15 33.5	2.124	2.929	13.5	21.9
10 28	4 23.21	+15 11.6	2.042	2.930	10.5	21.6
11 7	4 15.85	+14 47.7	1.983	2.930	6.9	21.4
11 17	4 6.92	+14 23.8	1.951	2.930	3.4	21.2
11 27	3 57.33	+14 2.3	1.948	2.929	2.6	21.2
12 7	3 48.10	+13 46.1	1.976	2.928	6.0	21.4
12 17	3 40.15	+13 37.4	2.031	2.926	9.6	21.6
12 27	3 34.22	+13 38.0	2.111	2.924	12.8	21.8

260803 2005 NY_{118} 11 24.2 358°.92 1°.2/24.8 18

10 18	4 26.78	+25 7.3	1.805	2.612	15.4	21.1
10 28	4 22.52	+24 57.4	1.724	2.612	12.1	20.9
11 7	4 15.67	+24 37.9	1.665	2.611	8.1	20.7
11 17	4 6.91	+24 8.6	1.632	2.611	3.8	20.4
11 27	3 57.35	+23 31.4	1.626	2.611	1.6	20.2
12 7	3 48.24	+22 50.0	1.648	2.611	5.8	20.5
12 17	3 40.71	+22 9.4	1.698	2.612	9.9	20.8
12 27	3 35.60	+21 34.4	1.772	2.612	13.6	21.0

480126 2015 FP_{123} 11 24.2 187°.71 4°.0/22.7 18

10 18	4 30.42	+12 2.9	1.707	2.522	15.9	21.7
10 28	4 25.25	+11 27.3	1.630	2.522	12.4	21.5
11 7	4 17.42	+10 52.0	1.575	2.521	8.5	21.3
11 17	4 7.66	+10 20.4	1.546	2.520	4.9	21.1
11 27	3 57.07	+ 9 56.7	1.545	2.519	4.6	21.0
12 7	3 46.93	+ 9 44.3	1.571	2.517	8.0	21.2
12 17	3 38.39	+ 9 45.3	1.624	2.514	11.9	21.5
12 27	3 32.31	+10 0.6	1.701	2.512	15.5	21.7

154423 2003 BW_{40} 11 24.2 110°.67 5°.6/22.2 18

10 18	4 29.49	+ 8 27.2	1.647	2.465	16.3	20.3
10 28	4 24.43	+ 7 41.8	1.584	2.474	12.8	20.1
11 7	4 16.79	+ 7 0.2	1.541	2.483	9.1	19.9
11 17	4 7.34	+ 6 27.0	1.524	2.491	6.1	19.8
11 27	3 57.21	+ 6 6.8	1.535	2.500	6.0	19.8
12 7	3 47.66	+ 6 2.8	1.572	2.508	8.9	20.0
12 17	3 39.76	+ 6 15.7	1.635	2.516	12.4	20.2
12 27	3 34.30	+ 6 44.9	1.721	2.524	15.7	20.4

449706 2014 MR_{14} 11 24.2 176°.68 2°.9/22.4 18

10 18	4 26.92	+14 19.0	2.430	3.231	12.1	21.8
10 28	4 21.73	+13 23.9	2.348	3.233	9.4	21.6
11 7	4 14.70	+12 26.3	2.290	3.235	6.3	21.4
11 17	4 6.39	+11 29.3	2.261	3.236	3.5	21.3
11 27	3 57.58	+10 36.5	2.263	3.237	3.3	21.3
12 7	3 49.12	+ 9 51.6	2.295	3.237	6.1	21.4
12 17	3 41.78	+ 9 17.6	2.355	3.236	9.1	21.6
12 27	3 36.18	+ 8 56.2	2.441	3.235	11.9	21.8

73426 2002 LM_{41} 11 24.2 111°.32 4°.9/21.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 24.72	+ 5 58.8	2.407	3.209	12.2	20.0
10 28	4 19.99	+ 5 19.8	2.338	3.217	9.7	19.8
11 7	4 13.53	+ 4 45.1	2.293	3.226	7.1	19.7
11 17	4 5.88	+ 4 18.2	2.276	3.234	5.2	19.6
11 27	3 57.78	+ 4 2.2	2.287	3.242	5.2	19.6
12 7	3 50.03	+ 3 59.0	2.327	3.250	7.2	19.7
12 17	3 43.36	+ 4 9.4	2.395	3.258	9.7	19.9
12 27	3 38.33	+ 4 32.8	2.486	3.266	12.1	20.1

488418 2016 XJ_{4} 11 24.2 280°.01 0°.1/24.3 18

10 18	4 27.69	+25 13.0	1.752	2.559	15.8	20.3
10 28	4 23.28	+24 19.8	1.664	2.553	12.4	20.1
11 7	4 16.19	+23 12.8	1.598	2.546	8.2	19.8
11 17	4 7.15	+21 53.7	1.558	2.539	3.6	19.5
11 27	3 57.29	+20 27.1	1.547	2.532	1.4	19.4
12 7	3 47.93	+18 59.5	1.564	2.525	6.2	19.7
12 17	3 40.21	+17 38.5	1.609	2.519	10.7	19.9
12 27	3 34.98	+16 30.3	1.678	2.512	14.6	20.1

310008 2009 KO_{3} 11 24.2 276°.57 5°.2/22.5 18

10 18	4 28.42	+ 6 7.3	1.932	2.740	14.6	20.6
10 28	4 23.45	+ 5 52.3	1.851	2.734	11.6	20.4
11 7	4 16.14	+ 5 43.7	1.793	2.729	8.4	20.2
11 17	4 7.10	+ 5 44.7	1.760	2.724	5.8	20.1
11 27	3 57.30	+ 5 58.1	1.755	2.718	5.6	20.0
12 7	3 47.81	+ 6 25.4	1.778	2.713	8.1	20.2
12 17	3 39.65	+ 7 6.3	1.829	2.708	11.4	20.4
12 27	3 33.63	+ 7 59.7	1.903	2.702	14.5	20.6

223905 2004 VH_{58} 11 24.2 183°.61 1°.2/24.9 18

10 18	4 26.19	+26 31.4	2.409	3.197	12.6	20.6
10 28	4 21.41	+26 14.4	2.321	3.197	9.9	20.4
11 7	4 14.61	+25 48.3	2.256	3.197	6.7	20.2
11 17	4 6.39	+25 13.4	2.219	3.196	3.2	20.0
11 27	3 57.60	+24 31.2	2.212	3.196	1.5	19.8
12 7	3 49.16	+23 44.8	2.234	3.196	4.6	20.1
12 17	3 41.92	+22 58.2	2.286	3.195	8.0	20.3
12 27	3 36.56	+22 15.5	2.364	3.194	11.0	20.5

454608 2014 QL_{27} 11 24.2 88°.18 1°.1/24.8 17

10 18	4 27.32	+25 17.2	2.237	3.030	13.3	21.9
10 28	4 22.29	+25 9.6	2.165	3.044	10.4	21.8
11 7	4 15.17	+24 54.0	2.116	3.058	6.9	21.6
11 17	4 6.61	+24 30.5	2.094	3.072	3.3	21.4
11 27	3 57.53	+24 0.5	2.101	3.086	1.4	21.2
12 7	3 48.91	+23 27.0	2.138	3.099	4.8	21.5
12 17	3 41.63	+22 53.5	2.204	3.113	8.2	21.8
12 27	3 36.34	+22 23.8	2.295	3.126	11.3	22.0

187105 2005 QZ_{37} 11 24.2 145°.77 1°.2/23.7 18

10 18	4 31.55	+19 21.1	1.928	2.730	14.8	20.8
10 28	4 25.77	+18 52.0	1.855	2.741	11.4	20.6
11 7	4 17.57	+18 17.4	1.804	2.751	7.5	20.4
11 17	4 7.68	+17 38.9	1.780	2.761	3.2	20.2
11 27	3 57.16	+16 59.5	1.786	2.770	1.9	20.1
12 7	3 47.18	+16 23.1	1.821	2.778	6.0	20.4
12 17	3 38.75	+15 53.5	1.885	2.785	9.9	20.6
12 27	3 32.64	+15 33.5	1.973	2.792	13.3	20.9

179076 2001 SM_{133} 11 24.2 29°.52 3°.2/25.7 18

10 18	4 28.59	+29 43.3	1.856	2.649	15.7	20.2
10 28	4 24.00	+29 56.5	1.777	2.651	12.5	20.0
11 7	4 16.69	+29 58.0	1.719	2.653	8.8	19.8
11 17	4 7.39	+29 45.8	1.685	2.656	5.1	19.6
11 27	3 57.24	+29 19.9	1.680	2.659	3.3	19.5
12 7	3 47.57	+28 43.4	1.702	2.662	6.0	19.7
12 17	3 39.55	+28 1.2	1.752	2.665	9.7	19.9
12 27	3 34.05	+27 19.4	1.826	2.668	13.2	20.1

265980 2006 DN_{32} 11 24.2 268°.02 3°.0/25.7 17

10 18	4 27.32	+29 58.0	2.324	3.103	13.3	21.2
10 28	4 22.54	+30 13.7	2.235	3.101	10.6	21.0
11 7	4 15.51	+30 19.7	2.168	3.099	7.5	20.8
11 17	4 6.85	+30 14.3	2.128	3.097	4.4	20.6
11 27	3 57.45	+29 57.5	2.117	3.095	3.0	20.5
12 7	3 48.37	+29 31.1	2.135	3.092	5.2	20.6
12 17	3 40.57	+28 58.8	2.182	3.090	8.3	20.8
12 27	3 34.82	+28 25.2	2.254	3.088	11.3	21.0

162335 1999 XN_{113} 11 24.2 5°.62 9°.3/28.7 18

10 18	4 27.45	+41 9.1	1.316	2.101	21.3	18.7
10 28	4 24.73	+41 52.0	1.248	2.101	18.1	18.5
11 7	4 17.97	+42 9.9	1.196	2.102	14.5	18.3
11 17	4 8.12	+41 55.8	1.164	2.105	11.2	18.1
11 27	3 56.97	+41 6.8	1.155	2.108	9.3	18.1
12 7	3 46.65	+39 47.0	1.169	2.113	10.3	18.1
12 17	3 38.97	+38 7.1	1.207	2.119	13.2	18.3
12 27	3 35.06	+36 20.5	1.267	2.127	16.7	18.5

439457 2013 YK_{28} 11 24.2 12°.41 1°.9/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 29.16	+25 51.3	1.389	2.209	18.6	21.2
10 28	4 25.16	+25 54.6	1.316	2.210	14.6	20.9
11 7	4 17.81	+25 46.3	1.264	2.211	10.0	20.7
11 17	4 7.96	+25 25.1	1.234	2.213	4.9	20.4
11 27	3 57.03	+24 52.4	1.230	2.215	2.3	20.2
12 7	3 46.72	+24 12.6	1.253	2.217	6.9	20.5
12 17	3 38.51	+23 31.9	1.301	2.220	11.9	20.8
12 27	3 33.41	+22 57.0	1.371	2.224	16.1	21.1

366181 2012 HJ_{6} 11 24.2 281°.63 0°.1/24.2 17

10 18	4 27.03	+20 2.3	2.219	3.021	13.1	20.6
10 28	4 22.27	+20 11.5	2.129	3.015	10.2	20.4
11 7	4 15.34	+20 17.3	2.062	3.009	6.7	20.2
11 17	4 6.79	+20 19.8	2.023	3.003	2.9	19.9
11 27	3 57.49	+20 19.6	2.012	2.998	1.1	19.8
12 7	3 48.45	+20 18.4	2.032	2.992	5.1	20.0
12 17	3 40.60	+20 18.3	2.079	2.986	8.8	20.3
12 27	3 34.71	+20 21.7	2.153	2.981	12.0	20.5

439297 2012 VG_{12} 11 24.2 148°.15 4°.4/21.8 16

10 18	4 28.69	+12 11.7	1.980	2.789	14.2	21.8
10 28	4 23.41	+10 57.3	1.909	2.798	11.1	21.6
11 7	4 15.94	+ 9 41.2	1.863	2.806	7.6	21.4
11 17	4 6.97	+ 8 28.4	1.843	2.813	4.8	21.3
11 27	3 57.46	+ 7 24.2	1.853	2.820	4.9	21.3
12 7	3 48.44	+ 6 33.5	1.891	2.826	7.7	21.5
12 17	3 40.83	+ 5 59.4	1.957	2.832	11.0	21.7
12 27	3 35.31	+ 5 42.8	2.047	2.837	14.0	21.9

430918 2005 TN_{16} 11 24.2 135°.60 3°.4/25.7 18

10 18	4 34.50	+29 44.7	1.830	2.613	16.2	21.9
10 28	4 28.53	+30 6.4	1.756	2.624	12.9	21.7
11 7	4 19.65	+30 16.4	1.703	2.634	9.1	21.5
11 17	4 8.65	+30 12.0	1.675	2.644	5.3	21.3
11 27	3 56.80	+29 52.7	1.675	2.654	3.5	21.2
12 7	3 45.54	+29 21.3	1.705	2.662	6.2	21.4
12 17	3 36.12	+28 43.0	1.762	2.671	10.0	21.6
12 27	3 29.45	+28 4.2	1.844	2.678	13.4	21.8

301258 2009 BP_{69} 11 24.2 193°.76 2°.9/25.6 18

10 18	4 30.08	+29 9.4	1.905	2.694	15.4	20.9
10 28	4 25.10	+29 18.9	1.821	2.694	12.3	20.7
11 7	4 17.42	+29 17.1	1.758	2.693	8.6	20.5
11 17	4 7.72	+29 2.1	1.720	2.692	4.8	20.2
11 27	3 57.15	+28 34.0	1.711	2.691	3.0	20.1
12 7	3 47.02	+27 55.9	1.730	2.690	5.9	20.3
12 17	3 38.51	+27 12.6	1.777	2.689	9.7	20.5
12 27	3 32.51	+26 30.3	1.849	2.687	13.2	20.8

353915 2012 XN_{125} 11 24.2 36°.88 5°.8/22.2 18

10 18	4 26.51	+10 15.3	1.325	2.163	18.3	19.5
10 28	4 22.60	+ 9 17.6	1.274	2.177	14.3	19.3
11 7	4 15.79	+ 8 22.8	1.244	2.192	10.0	19.1
11 17	4 6.97	+ 7 36.7	1.236	2.207	6.4	19.0
11 27	3 57.49	+ 7 5.4	1.254	2.224	6.4	19.0
12 7	3 48.78	+ 6 52.6	1.298	2.240	9.6	19.3
12 17	3 41.99	+ 6 59.7	1.365	2.258	13.6	19.5
12 27	3 37.94	+ 7 25.4	1.453	2.276	17.1	19.8

302633 2002 RQ_{93} 11 24.2 59°.97 6°.9/27.8 18

10 18	4 33.71	+38 34.4	1.683	2.447	18.1	20.5
10 28	4 28.35	+39 11.7	1.623	2.467	15.0	20.3
11 7	4 19.68	+39 29.7	1.582	2.487	11.7	20.2
11 17	4 8.67	+39 23.6	1.564	2.508	8.5	20.1
11 27	3 56.84	+38 52.2	1.572	2.528	6.9	20.0
12 7	3 45.88	+37 59.0	1.606	2.549	8.1	20.1
12 17	3 37.16	+36 51.6	1.667	2.570	10.9	20.3
12 27	3 31.57	+35 39.4	1.752	2.591	13.8	20.6

395213 2010 JP_{76} 11 24.2 83°.64 4°.4/22.9 18

10 18	4 31.22	+ 8 5.1	1.849	2.655	15.2	20.7
10 28	4 25.42	+ 7 57.6	1.790	2.674	11.9	20.5
11 7	4 17.28	+ 7 55.5	1.753	2.693	8.3	20.3
11 17	4 7.55	+ 8 1.3	1.743	2.712	5.2	20.2
11 27	3 57.27	+ 8 16.9	1.761	2.731	4.8	20.2
12 7	3 47.57	+ 8 43.3	1.808	2.749	7.5	20.4
12 17	3 39.42	+ 9 20.2	1.882	2.767	10.8	20.7
12 27	3 33.52	+10 6.7	1.981	2.786	13.8	20.9

104742 2000 HY_{9} 11 24.2 191°.14 0°.2/24.1 18

10 18	4 24.46	+20 53.1	3.243	4.030	9.7	21.4
10 28	4 19.54	+20 41.2	3.150	4.028	7.5	21.3
11 7	4 13.16	+20 25.5	3.082	4.025	4.9	21.1
11 17	4 5.76	+20 6.4	3.042	4.023	2.1	20.9
11 27	3 57.93	+19 45.3	3.034	4.020	0.9	20.8
12 7	3 50.31	+19 23.9	3.058	4.016	3.7	21.0
12 17	3 43.51	+19 4.2	3.112	4.012	6.4	21.2
12 27	3 38.03	+18 48.2	3.193	4.007	8.8	21.3

515319 2012 XM_{43} 11 24.2 50°.13 0°.3/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 30.00	+19 35.1	1.555	2.374	17.0	20.8
10 28	4 25.24	+19 44.1	1.487	2.383	13.2	20.6
11 7	4 17.58	+19 49.1	1.441	2.391	8.7	20.4
11 17	4 7.80	+19 50.0	1.419	2.401	3.7	20.1
11 27	3 57.16	+19 48.1	1.424	2.410	1.5	20.0
12 7	3 47.10	+19 45.6	1.458	2.420	6.5	20.3
12 17	3 38.87	+19 45.5	1.517	2.429	11.0	20.6
12 27	3 33.37	+19 51.0	1.600	2.439	14.9	20.9

76665 2000 HZ_{41} 11 24.2 269°.49 13°.1/16.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 25.70	−14 43.3	1.985	2.739	16.0	19.4
10 28	4 21.27	−16 22.0	1.929	2.733	14.6	19.3
11 7	4 14.66	−17 41.8	1.892	2.727	13.5	19.2
11 17	4 6.48	−18 34.5	1.877	2.721	13.1	19.2
11 27	3 57.66	−18 54.2	1.885	2.714	13.6	19.2
12 7	3 49.23	−18 38.8	1.914	2.708	14.7	19.3
12 17	3 42.09	−17 50.0	1.963	2.702	16.2	19.4
12 27	3 36.99	−16 32.7	2.030	2.695	17.8	19.5

98676 2000 WQ_{169} 11 24.2 343°.78 8°.5/20.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 24.78	+ 4 1.9	1.453	2.283	17.4	19.0
10 28	4 21.27	+ 2 46.1	1.386	2.278	14.1	18.8
11 7	4 15.01	+ 1 36.9	1.339	2.273	10.9	18.6
11 17	4 6.72	+ 0 42.2	1.316	2.269	8.7	18.5
11 27	3 57.57	+ 0 9.2	1.317	2.265	9.1	18.5
12 7	3 48.89	+ 0 2.4	1.343	2.262	11.7	18.6
12 17	3 41.87	+ 0 22.3	1.392	2.260	15.0	18.8
12 27	3 37.40	+ 1 6.3	1.461	2.258	18.3	19.0

77020 2001 CG_{15} 11 24.2 152°.01 1°.6/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 29.62	+16 36.6	2.214	3.014	13.2	20.2
10 28	4 24.04	+16 23.3	2.137	3.022	10.2	20.0
11 7	4 16.35	+16 7.8	2.083	3.029	6.7	19.8
11 17	4 7.17	+15 51.4	2.057	3.036	3.1	19.6
11 27	3 57.41	+15 36.1	2.060	3.043	2.1	19.5
12 7	3 48.04	+15 24.2	2.094	3.049	5.5	19.8
12 17	3 39.96	+15 17.9	2.157	3.054	9.0	20.0
12 27	3 33.86	+15 19.0	2.245	3.059	12.1	20.2

509642 2008 GV_{11} 11 24.2 209°.72 0°.4/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 32.80	+22 4.8	1.976	2.771	14.8	23.0
10 28	4 27.05	+22 8.2	1.883	2.765	11.5	22.8
11 7	4 18.67	+22 5.6	1.813	2.758	7.7	22.5
11 17	4 8.29	+21 56.6	1.770	2.750	3.4	22.3
11 27	3 56.96	+21 42.0	1.755	2.741	1.3	22.1
12 7	3 45.93	+21 24.1	1.771	2.732	5.7	22.4
12 17	3 36.38	+21 6.4	1.815	2.721	9.9	22.6
12 27	3 29.21	+20 52.8	1.885	2.710	13.6	22.8

491507 2012 JV_{13} 11 24.2 299°.23 2°.4/22.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 23.87	+16 18.0	2.187	2.999	12.9	21.6
10 28	4 19.75	+15 28.1	2.100	2.993	10.0	21.4
11 7	4 13.62	+14 34.1	2.037	2.986	6.6	21.2
11 17	4 6.05	+13 38.8	2.001	2.980	3.4	21.0
11 27	3 57.87	+12 46.2	1.995	2.974	3.0	21.0
12 7	3 50.00	+12 0.4	2.018	2.967	6.1	21.2
12 17	3 43.31	+11 24.8	2.068	2.961	9.6	21.4
12 27	3 38.45	+11 1.8	2.143	2.955	12.6	21.6

419331 2009 WE_{149} 11 24.2 311°.56 1°.5/23.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 32.73	+13 1.1	2.029	2.828	14.3	20.0
10 28	4 27.08	+13 48.7	1.925	2.809	11.2	19.8
11 7	4 18.81	+14 41.8	1.844	2.789	7.5	19.5
11 17	4 8.44	+15 40.0	1.791	2.770	3.5	19.2
11 27	3 56.90	+16 42.0	1.768	2.751	2.0	19.1
12 7	3 45.37	+17 46.5	1.776	2.733	6.1	19.3
12 17	3 35.06	+18 52.4	1.813	2.715	10.2	19.5
12 27	3 26.96	+19 59.5	1.876	2.697	13.8	19.7

512042 2015 MK_{77} 11 24.2 147°.78 3°.9/22.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 28.73	+11 48.5	1.973	2.782	14.3	22.0
10 28	4 23.52	+11 5.4	1.901	2.789	11.1	21.8
11 7	4 16.09	+10 22.6	1.852	2.796	7.6	21.6
11 17	4 7.10	+ 9 43.4	1.829	2.802	4.5	21.4
11 27	3 57.50	+ 9 11.8	1.836	2.808	4.3	21.4
12 7	3 48.36	+ 8 51.0	1.871	2.813	7.2	21.6
12 17	3 40.61	+ 8 43.1	1.934	2.818	10.6	21.9
12 27	3 34.97	+ 8 48.9	2.021	2.822	13.7	22.1

138226 2000 FV_{12} 11 24.2 222°.64 1°.5/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 31.63	+23 42.6	2.173	2.961	13.8	19.2
10 28	4 26.02	+24 14.0	2.079	2.955	10.8	19.0
11 7	4 17.96	+24 40.7	2.008	2.948	7.4	18.8
11 17	4 8.00	+25 0.9	1.964	2.941	3.6	18.6
11 27	3 57.12	+25 13.9	1.950	2.934	1.8	18.4
12 7	3 46.45	+25 20.3	1.966	2.926	5.3	18.6
12 17	3 37.09	+25 22.5	2.011	2.918	9.1	18.9
12 27	3 29.92	+25 23.8	2.082	2.910	12.4	19.1

481911 2009 BW_{44} 11 24.2 203°.37 6°.1/21.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 26.95	+ 4 3.9	2.172	2.972	13.4	21.9
10 28	4 22.02	+ 3 11.9	2.094	2.969	10.8	21.7
11 7	4 15.07	+ 2 25.3	2.039	2.966	8.2	21.6
11 17	4 6.68	+ 1 48.5	2.011	2.962	6.4	21.5
11 27	3 57.67	+ 1 25.7	2.011	2.957	6.5	21.5
12 7	3 48.98	+ 1 19.7	2.039	2.952	8.6	21.6
12 17	3 41.46	+ 1 31.2	2.093	2.947	11.3	21.7
12 27	3 35.81	+ 1 59.5	2.171	2.941	13.9	21.9

318218 2004 RD_{203} 11 24.2 1°.71 5°.3/26.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 29.17	+33 55.4	1.907	2.685	15.8	20.7
10 28	4 24.67	+34 38.6	1.825	2.684	13.0	20.5
11 7	4 17.31	+35 9.1	1.764	2.684	9.7	20.3
11 17	4 7.77	+35 22.9	1.728	2.684	6.7	20.1
11 27	3 57.24	+35 18.1	1.718	2.685	5.3	20.1
12 7	3 47.09	+34 56.2	1.736	2.685	7.0	20.2
12 17	3 38.62	+34 21.7	1.780	2.687	10.1	20.3
12 27	3 32.78	+33 41.3	1.849	2.688	13.2	20.6

480432 2015 KC_{128} 11 24.3 325°.99 3°.7/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 27.86	+13 39.8	1.294	2.132	18.7	21.0
10 28	4 24.27	+13 20.5	1.218	2.123	14.6	20.7
11 7	4 17.37	+13 1.2	1.161	2.114	9.9	20.4
11 17	4 7.89	+12 45.1	1.127	2.106	5.2	20.1
11 27	3 57.18	+12 36.3	1.118	2.098	4.3	20.0
12 7	3 46.90	+12 38.3	1.135	2.091	8.8	20.3
12 17	3 38.56	+12 53.4	1.175	2.084	13.8	20.5
12 27	3 33.29	+13 22.5	1.237	2.078	18.3	20.8

20044 Vitoux 11 24.3 298°.52 8°.2/20.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 25.42	+ 3 5.1	1.682	2.500	15.9	17.4
10 28	4 21.49	+ 1 48.6	1.606	2.490	13.1	17.2
11 7	4 15.06	+ 0 38.1	1.551	2.479	10.2	17.0
11 17	4 6.76	− 0 19.3	1.521	2.468	8.4	16.9
11 27	3 57.63	− 0 56.7	1.516	2.458	8.8	16.9
12 7	3 48.85	− 1 9.9	1.537	2.448	11.2	17.0
12 17	3 41.51	− 0 57.6	1.582	2.437	14.2	17.1
12 27	3 36.45	− 0 21.7	1.648	2.428	17.2	17.3

74313 1998 US_{6} 11 24.3 355°.02 1°.5/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 28.00	+23 29.3	1.551	2.369	17.1	19.0
10 28	4 24.01	+23 50.1	1.473	2.366	13.4	18.8
11 7	4 17.00	+24 4.1	1.416	2.364	9.0	18.5
11 17	4 7.68	+24 9.8	1.383	2.362	4.3	18.3
11 27	3 57.29	+24 7.3	1.376	2.361	1.9	18.1
12 7	3 47.34	+23 58.9	1.397	2.361	6.4	18.4
12 17	3 39.18	+23 48.2	1.444	2.361	11.1	18.7
12 27	3 33.82	+23 40.0	1.513	2.362	15.1	18.9

184363 2005 JX_{101} 11 24.3 156°.63 4°.6/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 30.07	+11 53.1	1.637	2.455	16.3	20.8
10 28	4 25.04	+11 1.5	1.566	2.459	12.7	20.6
11 7	4 17.33	+10 9.5	1.517	2.463	8.8	20.4
11 17	4 7.70	+ 9 21.7	1.494	2.467	5.3	20.2
11 27	3 57.32	+ 8 43.3	1.498	2.470	5.1	20.2
12 7	3 47.47	+ 8 18.4	1.530	2.472	8.4	20.4
12 17	3 39.29	+ 8 9.8	1.587	2.475	12.3	20.6
12 27	3 33.61	+ 8 18.0	1.668	2.477	15.8	20.8

302595 2002 QC_{53} 11 24.3 68°.95 3°.2/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 28.00	+13 57.2	1.722	2.541	15.6	21.1
10 28	4 23.24	+13 24.9	1.659	2.554	12.0	20.9
11 7	4 16.02	+12 52.0	1.619	2.568	8.1	20.7
11 17	4 7.10	+12 21.4	1.604	2.581	4.2	20.5
11 27	3 57.56	+11 56.8	1.617	2.594	3.7	20.5
12 7	3 48.61	+11 41.4	1.657	2.608	7.1	20.7
12 17	3 41.24	+11 37.4	1.725	2.621	10.9	21.0
12 27	3 36.21	+11 45.7	1.815	2.635	14.3	21.2

481711 2008 CF_{184} 11 24.3 307°.89 7°.0/21.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 25.72	+ 5 0.6	1.703	2.523	15.7	21.0
10 28	4 21.94	+ 4 15.5	1.608	2.496	12.8	20.8
11 7	4 15.54	+ 3 35.6	1.534	2.469	9.7	20.5
11 17	4 7.07	+ 3 6.8	1.485	2.443	7.3	20.3
11 27	3 57.51	+ 2 54.4	1.461	2.417	7.5	20.3
12 7	3 48.09	+ 3 2.2	1.464	2.391	10.2	20.4
12 17	3 39.99	+ 3 31.5	1.491	2.366	13.8	20.5
12 27	3 34.22	+ 4 21.2	1.540	2.341	17.3	20.7

128267 2003 TM_{6} 11 24.3 104°.67 4°.3/22.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 25.45	+ 7 46.2	2.325	3.130	12.5	19.6
10 28	4 20.73	+ 7 22.0	2.250	3.133	9.9	19.4
11 7	4 14.16	+ 7 1.6	2.199	3.136	7.0	19.2
11 17	4 6.29	+ 6 47.7	2.174	3.139	4.7	19.1
11 27	3 57.88	+ 6 43.1	2.178	3.142	4.6	19.1
12 7	3 49.80	+ 6 49.4	2.212	3.145	6.8	19.2
12 17	3 42.82	+ 7 7.3	2.273	3.149	9.6	19.4
12 27	3 37.56	+ 7 36.4	2.358	3.152	12.2	19.6

65804 1996 HT_6 11 24.3 41°.29 4°.6/21.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 24.00	+ 9 13.2	2.152	2.965	13.1	19.8
10 28	4 19.76	+ 8 20.1	2.079	2.967	10.3	19.6
11 7	4 13.59	+ 7 28.7	2.029	2.969	7.3	19.4
11 17	4 6.05	+ 6 43.0	2.006	2.972	5.0	19.3
11 27	3 57.98	+ 6 7.1	2.012	2.975	5.0	19.3
12 7	3 50.26	+ 5 44.2	2.045	2.977	7.4	19.5
12 17	3 43.72	+ 5 35.9	2.106	2.980	10.4	19.6
12 27	3 38.99	+ 5 42.7	2.190	2.983	13.1	19.8

52144 6759 P–L 11 24.3 165°.76 0°.7/24.0 18

10 18	4 32.05	+19 51.2	1.729	2.537	16.0	19.7
10 28	4 26.63	+19 41.6	1.651	2.541	12.4	19.5
11 7	4 18.44	+19 26.8	1.596	2.544	8.2	19.2
11 17	4 8.22	+19 7.3	1.565	2.546	3.5	18.9
11 27	3 57.15	+18 45.3	1.564	2.549	1.6	18.8
12 7	3 46.56	+18 23.9	1.591	2.550	6.3	19.1
12 17	3 37.67	+18 6.8	1.645	2.552	10.7	19.4
12 27	3 31.36	+17 57.5	1.723	2.552	14.5	19.6

132956 2002 TG_{95} 11 24.3 178°.34 3°.5/22.2 17

10 18	4 23.68	+10 57.9	2.470	3.276	11.8	20.2
10 28	4 19.31	+10 18.4	2.390	3.277	9.2	20.0
11 7	4 13.20	+ 9 39.5	2.335	3.277	6.4	19.8
11 17	4 5.87	+ 9 4.2	2.307	3.277	4.0	19.7
11 27	3 58.05	+ 8 35.5	2.308	3.277	3.9	19.7
12 7	3 50.52	+ 8 16.0	2.339	3.277	6.2	19.8
12 17	3 44.00	+ 8 7.5	2.397	3.277	9.0	20.0
12 27	3 39.09	+ 8 10.7	2.481	3.277	11.6	20.2

79564 1998 QV_{72} 11 24.3 95°.10 2°.3/25.3 18

10 18	4 33.15	+28 11.9	1.575	2.375	17.7	20.0
10 28	4 27.67	+28 0.7	1.511	2.391	13.9	19.8
11 7	4 19.13	+27 35.8	1.467	2.407	9.5	19.6
11 17	4 8.48	+26 56.4	1.447	2.423	4.8	19.3
11 27	3 57.10	+26 4.7	1.456	2.439	2.4	19.2
12 7	3 46.53	+25 6.0	1.492	2.455	6.3	19.5
12 17	3 38.04	+24 7.1	1.556	2.470	10.7	19.8
12 27	3 32.46	+23 14.7	1.643	2.484	14.5	20.1

117699 2005 EK_{290} 11 24.3 128°.67 3°.3/26.3 18

10 18	4 31.20	+32 47.9	2.198	2.965	14.3	19.9
10 28	4 25.50	+32 40.5	2.120	2.977	11.5	19.7
11 7	4 17.42	+32 19.4	2.064	2.989	8.2	19.5
11 17	4 7.70	+31 43.3	2.035	3.000	5.0	19.3
11 27	3 57.39	+30 53.1	2.035	3.011	3.4	19.3
12 7	3 47.65	+29 52.6	2.064	3.021	5.4	19.4
12 17	3 39.47	+28 47.3	2.123	3.031	8.6	19.6
12 27	3 33.56	+27 43.2	2.207	3.040	11.6	19.8

246648 2008 YZ_{19} 11 24.3 248°.46 0°.3/24.4 18

10 18	4 28.53	+22 42.7	1.864	2.670	15.1	21.3
10 28	4 23.88	+22 33.0	1.778	2.665	11.8	21.1
11 7	4 16.64	+22 15.9	1.713	2.660	7.8	20.8
11 17	4 7.48	+21 51.5	1.674	2.655	3.4	20.6
11 27	3 57.45	+21 21.5	1.664	2.650	1.3	20.4
12 7	3 47.80	+20 49.4	1.682	2.644	5.8	20.7
12 17	3 39.65	+20 19.3	1.728	2.639	10.0	20.9
12 27	3 33.87	+19 55.4	1.798	2.633	13.7	21.2

249984 2001 WM_{18} 11 24.3 60°.76 0°.3/24.1 18

10 18	4 26.85	+21 53.2	1.904	2.713	14.7	20.6
10 28	4 22.34	+21 27.7	1.829	2.719	11.4	20.4
11 7	4 15.47	+20 54.9	1.776	2.725	7.5	20.2
11 17	4 6.91	+20 15.9	1.749	2.730	3.2	19.9
11 27	3 57.70	+19 33.7	1.751	2.736	1.3	19.8
12 7	3 48.96	+18 52.2	1.781	2.742	5.6	20.1
12 17	3 41.70	+18 15.5	1.839	2.748	9.6	20.4
12 27	3 36.67	+17 47.4	1.922	2.754	13.1	20.6

407005 2009 RT_{65} 11 24.3 108°.12 2°.8/22.7 18

10 18	4 24.87	+14 15.1	2.301	3.110	12.5	21.2
10 28	4 20.31	+13 31.5	2.227	3.117	9.6	21.0
11 7	4 13.88	+12 46.3	2.177	3.123	6.5	20.9
11 17	4 6.17	+12 2.3	2.154	3.130	3.5	20.7
11 27	3 57.98	+11 22.9	2.161	3.137	3.2	20.7
12 7	3 50.16	+10 51.2	2.197	3.143	6.0	20.9
12 17	3 43.48	+10 29.7	2.262	3.150	9.1	21.1
12 27	3 38.56	+10 19.8	2.351	3.156	11.9	21.3

514125 2015 FO_{402} 11 24.3 118°.77 2°.0/23.6 18

10 18	4 31.75	+15 29.3	1.786	2.595	15.5	21.7
10 28	4 26.14	+15 22.2	1.717	2.607	12.0	21.5
11 7	4 17.98	+15 14.1	1.670	2.618	7.9	21.3
11 17	4 7.99	+15 6.4	1.650	2.629	3.7	21.0
11 27	3 57.30	+15 1.1	1.658	2.640	2.6	21.0
12 7	3 47.16	+15 0.4	1.695	2.651	6.5	21.3
12 17	3 38.63	+15 6.3	1.760	2.661	10.5	21.5
12 27	3 32.52	+15 20.4	1.849	2.670	14.0	21.8

8090 1991 RO_{23} 11 24.3 49°.02 6°.6/27.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 31.95	+38 37.3	2.169	2.915	15.1	17.2
10 28	4 26.62	+39 38.6	2.095	2.926	12.6	17.1
11 7	4 18.51	+40 25.8	2.042	2.936	10.0	16.9
11 17	4 8.30	+40 54.3	2.013	2.947	7.7	16.8
11 27	3 57.16	+41 1.2	2.012	2.958	6.6	16.8
12 7	3 46.45	+40 47.7	2.038	2.969	7.5	16.9
12 17	3 37.38	+40 17.7	2.091	2.980	9.7	17.0
12 27	3 30.90	+39 37.8	2.169	2.991	12.1	17.2

342942 2009 AY_{31} 11 24.3 342°.92 9°.0/28.8 18

10 18	4 30.13	+42 20.2	1.523	2.287	19.7	19.8
10 28	4 26.54	+42 57.1	1.442	2.280	16.9	19.6
11 7	4 19.12	+43 10.6	1.378	2.274	13.7	19.4
11 17	4 8.73	+42 53.9	1.335	2.269	10.7	19.2
11 27	3 57.00	+42 3.5	1.316	2.264	9.1	19.1
12 7	3 45.95	+40 42.6	1.321	2.260	9.9	19.1
12 17	3 37.31	+39 0.6	1.351	2.257	12.7	19.3
12 27	3 32.26	+37 10.0	1.404	2.254	16.0	19.5

515127 2011 FQ_{13} 11 24.3 301°.79 3°.5/22.9 18

10 18	4 26.69	+15 51.3	1.393	2.227	17.8	21.9
10 28	4 23.32	+15 5.5	1.304	2.208	13.9	21.6
11 7	4 16.77	+14 13.9	1.235	2.188	9.4	21.3
11 17	4 7.71	+13 20.4	1.190	2.169	4.9	21.0
11 27	3 57.36	+12 30.7	1.170	2.150	4.2	20.9
12 7	3 47.30	+11 51.0	1.177	2.131	8.8	21.1
12 17	3 38.99	+11 26.6	1.208	2.113	13.9	21.3
12 27	3 33.59	+11 20.4	1.259	2.095	18.3	21.6

84393 2002 TO_{162} 11 24.3 60°.15 7°.9/21.4 18

10 18	4 27.71	+ 1 56.8	1.671	2.483	16.3	19.1
10 28	4 22.90	+ 0 58.8	1.622	2.501	13.2	18.9
11 7	4 15.73	+ 0 10.9	1.595	2.520	10.2	18.8
11 17	4 6.98	− 0 21.1	1.593	2.539	8.2	18.7
11 27	3 57.73	− 0 32.6	1.616	2.558	8.3	18.8
12 7	3 49.11	− 0 21.8	1.665	2.577	10.3	18.9
12 17	3 42.09	+ 0 10.3	1.740	2.596	13.1	19.1
12 27	3 37.35	+ 1 0.8	1.835	2.615	15.7	19.4

499213 2009 UC_{40} 11 24.3 104°.18 8°.1/19.8 17

10 18	4 32.41	+13 51.6	1.124	1.965	20.8	20.4
10 28	4 27.63	+10 56.7	1.068	1.973	16.2	20.2
11 7	4 19.34	+ 7 52.0	1.033	1.982	11.5	20.0
11 17	4 8.62	+ 4 52.0	1.023	1.990	8.3	19.8
11 27	3 57.13	+ 2 14.1	1.040	1.998	9.4	19.9
12 7	3 46.65	+ 0 11.8	1.082	2.006	13.3	20.2
12 17	3 38.59	− 1 8.7	1.146	2.013	17.6	20.4
12 27	3 33.82	− 1 48.2	1.229	2.021	21.3	20.7

6833 1993 FC_1 11 24.3 205°.39 3°.4/22.3 18

10 18	4 27.24	+14 27.4	2.064	2.874	13.7	17.7
10 28	4 22.42	+13 23.1	1.981	2.870	10.6	17.4
11 7	4 15.44	+12 15.0	1.921	2.867	7.2	17.2
11 17	4 6.91	+11 7.2	1.888	2.863	4.1	17.0
11 27	3 57.73	+10 4.5	1.885	2.858	4.0	17.0
12 7	3 48.94	+ 9 11.6	1.911	2.853	7.0	17.2
12 17	3 41.43	+ 8 32.3	1.964	2.848	10.5	17.4
12 27	3 35.93	+ 8 8.7	2.042	2.843	13.6	17.6

481562 2007 RU_{324} 11 24.3 38°.90 8°.1/26.6 18

10 18	4 35.98	+36 3.3	1.528	2.305	19.1	20.6
10 28	4 30.86	+37 39.0	1.463	2.316	15.9	20.4
11 7	4 21.91	+39 0.2	1.418	2.327	12.5	20.2
11 17	4 9.94	+39 58.6	1.395	2.338	9.4	20.1
11 27	3 56.56	+40 28.5	1.398	2.351	8.1	20.1
12 7	3 43.75	+40 30.1	1.426	2.363	9.5	20.2
12 17	3 33.31	+40 8.9	1.480	2.376	12.4	20.4
12 27	3 26.48	+39 34.6	1.556	2.390	15.5	20.6

470970 2009 RE_{35} 11 24.3 22°.43 4°.9/22.4 18

10 18	4 23.53	+15 31.1	0.982	1.846	21.3	19.8
10 28	4 21.22	+14 15.7	0.938	1.857	16.4	19.6
11 7	4 15.33	+12 55.9	0.911	1.870	11.0	19.3
11 17	4 6.95	+11 39.5	0.906	1.885	6.0	19.1
11 27	3 57.77	+10 35.7	0.924	1.902	5.7	19.2
12 7	3 49.56	+ 9 51.9	0.964	1.919	10.2	19.5
12 17	3 43.73	+ 9 31.8	1.027	1.938	15.1	19.8
12 27	3 41.15	+ 9 35.5	1.108	1.959	19.3	20.2

518259 2016 VS_{19} 11 24.3 266°.04 3°.7/23.1 18

10 18	4 29.54	+10 35.7	1.911	2.720	14.7	21.6
10 28	4 24.56	+10 27.9	1.819	2.706	11.5	21.4
11 7	4 17.10	+10 23.1	1.749	2.693	8.0	21.1
11 17	4 7.72	+10 23.8	1.705	2.679	4.6	20.9
11 27	3 57.40	+10 32.2	1.690	2.665	4.1	20.8
12 7	3 47.29	+10 50.0	1.703	2.651	7.3	21.0
12 17	3 38.51	+11 18.2	1.744	2.636	11.1	21.2
12 27	3 31.94	+11 56.9	1.809	2.622	14.6	21.4

443210 2014 DC_{83} 11 24.3 150°.66 1°.2/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 29.44	+19 53.5	2.063	2.864	14.0	21.5
10 28	4 24.08	+19 14.5	1.985	2.872	10.8	21.3
11 7	4 16.48	+18 29.3	1.932	2.879	7.1	21.0
11 17	4 7.33	+17 39.8	1.905	2.886	3.1	20.8
11 27	3 57.59	+16 49.5	1.908	2.892	1.9	20.7
12 7	3 48.33	+16 2.4	1.941	2.898	5.7	21.0
12 17	3 40.49	+15 22.4	2.003	2.903	9.5	21.2
12 27	3 34.76	+14 52.9	2.089	2.907	12.7	21.5

359543 2010 RD_{165} 11 24.3 37°.01 0°.8/24.5 18

10 18	4 30.12	+22 56.1	1.027	1.872	22.0	20.3
10 28	4 26.50	+22 57.1	0.978	1.886	17.1	20.0
11 7	4 18.94	+22 47.7	0.947	1.902	11.3	19.8
11 17	4 8.55	+22 27.7	0.936	1.918	5.0	19.5
11 27	3 57.18	+21 59.8	0.950	1.936	1.8	19.3
12 7	3 46.88	+21 29.4	0.987	1.954	7.9	19.8
12 17	3 39.26	+21 3.1	1.048	1.973	13.5	20.2
12 27	3 35.31	+20 46.2	1.129	1.992	18.1	20.5

202237 2004 YF_{35} 11 24.3 303°.11 2°.2/25.4 18

10 18	4 27.42	+29 6.7	1.646	2.450	16.8	19.7
10 28	4 23.59	+28 39.0	1.551	2.434	13.4	19.5
11 7	4 16.77	+27 55.0	1.476	2.418	9.3	19.2
11 17	4 7.64	+26 53.9	1.426	2.402	4.8	18.9
11 27	3 57.45	+25 37.9	1.403	2.387	2.3	18.7
12 7	3 47.66	+24 13.0	1.408	2.372	6.4	18.9
12 17	3 39.62	+22 47.5	1.440	2.357	11.1	19.1
12 27	3 34.34	+21 29.7	1.495	2.342	15.3	19.4

61489 2000 QN_{46} 11 24.3 88°.27 0°.6/24.5 18

10 18	4 27.88	+23 17.5	2.028	2.829	14.2	20.0
10 28	4 23.04	+23 10.4	1.952	2.837	11.0	19.8
11 7	4 15.90	+22 56.2	1.899	2.845	7.3	19.6
11 17	4 7.12	+22 35.1	1.872	2.852	3.3	19.4
11 27	3 57.69	+22 8.7	1.875	2.860	1.2	19.2
12 7	3 48.71	+21 39.9	1.906	2.868	5.2	19.5
12 17	3 41.15	+21 12.5	1.966	2.875	9.0	19.8
12 27	3 35.76	+20 50.1	2.050	2.883	12.3	20.0

431679 2008 DS_{7} 11 24.3 262°.78 3°.9/25.8 18

10 18	4 32.22	+30 6.0	1.504	2.304	18.3	21.6
10 28	4 27.73	+30 24.1	1.417	2.295	14.8	21.4
11 7	4 19.74	+30 28.2	1.350	2.287	10.6	21.1
11 17	4 9.00	+30 14.9	1.307	2.278	6.2	20.8
11 27	3 56.93	+29 43.2	1.289	2.269	4.0	20.7
12 7	3 45.30	+28 56.5	1.299	2.259	7.3	20.9
12 17	3 35.72	+28 1.7	1.334	2.250	11.9	21.1
12 27	3 29.38	+27 7.6	1.392	2.241	16.2	21.3

271421 2004 CP_{128} 11 24.3 315°.48 1°.9/23.5 18

10 18	4 25.18	+19 51.2	1.251	2.093	18.9	21.1
10 28	4 22.59	+19 11.8	1.163	2.072	14.9	20.7
11 7	4 16.54	+18 22.0	1.094	2.051	10.0	20.4
11 17	4 7.70	+17 24.1	1.048	2.030	4.4	20.0
11 27	3 57.41	+16 23.4	1.026	2.010	2.9	19.9
12 7	3 47.41	+15 27.2	1.029	1.991	8.6	20.1
12 17	3 39.36	+14 42.9	1.056	1.973	14.2	20.4
12 27	3 34.53	+14 16.1	1.103	1.955	19.2	20.6

44587 1999 JQ_{70} 11 24.3 115°.98 2°.8/23.2 18

10 18	4 33.13	+15 41.0	1.591	2.405	16.9	19.9
10 28	4 27.37	+15 6.3	1.529	2.421	13.0	19.7
11 7	4 18.83	+14 29.1	1.489	2.437	8.6	19.5
11 17	4 8.37	+13 52.2	1.474	2.453	4.2	19.3
11 27	3 57.25	+13 19.5	1.488	2.468	3.4	19.3
12 7	3 46.84	+12 55.0	1.529	2.482	7.4	19.5
12 17	3 38.29	+12 41.7	1.598	2.496	11.6	19.8
12 27	3 32.41	+12 41.4	1.689	2.509	15.2	20.1

104281 2000 ET_{154} 11 24.3 119°.56 7°.2/20.6 18

10 18	4 26.91	+ 0 24.0	2.208	3.001	13.5	19.7
10 28	4 21.81	− 0 40.1	2.150	3.015	11.0	19.5
11 7	4 14.83	− 1 35.9	2.116	3.028	8.7	19.4
11 17	4 6.59	− 2 18.3	2.107	3.041	7.3	19.4
11 27	3 57.91	− 2 43.2	2.127	3.054	7.6	19.4
12 7	3 49.68	− 2 48.4	2.174	3.067	9.2	19.5
12 17	3 42.66	− 2 34.0	2.246	3.079	11.5	19.7
12 27	3 37.45	− 2 1.8	2.341	3.090	13.6	19.9

444016 2004 EQ_{60} 11 24.3 308°.63 7°.2/26.3 17

10 18	4 32.06	+35 27.7	1.736	2.511	17.3	21.0
10 28	4 27.72	+36 41.3	1.640	2.493	14.5	20.8
11 7	4 19.91	+37 43.4	1.563	2.475	11.3	20.5
11 17	4 9.19	+38 27.5	1.510	2.458	8.4	20.3
11 27	3 56.83	+38 48.2	1.484	2.441	7.2	20.2
12 7	3 44.54	+38 44.7	1.483	2.425	8.8	20.3
12 17	3 34.05	+38 20.8	1.508	2.408	12.0	20.4
12 27	3 26.73	+37 44.5	1.556	2.392	15.4	20.6

273519 2007 BQ_{16} 11 24.3 218°.27 0°.6/24.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 31.00	+20 1.3	1.853	2.658	15.2	21.5
10 28	4 25.81	+19 51.3	1.764	2.652	11.8	21.3
11 7	4 17.96	+19 36.0	1.697	2.645	7.8	21.0
11 17	4 8.10	+19 16.0	1.656	2.637	3.4	20.7
11 27	3 57.31	+18 53.1	1.644	2.630	1.5	20.6
12 7	3 46.86	+18 30.4	1.662	2.621	6.1	20.9
12 17	3 37.92	+18 11.5	1.706	2.612	10.4	21.1
12 27	3 31.41	+18 0.0	1.776	2.603	14.2	21.3

320129 2007 ED_{196} 11 24.3 131°.50 3°.1/26.1 18

10 18	4 29.59	+31 48.1	2.853	3.610	11.6	21.9
10 28	4 23.83	+32 9.7	2.773	3.624	9.3	21.7
11 7	4 16.18	+32 22.2	2.717	3.637	6.7	21.6
11 17	4 7.20	+32 23.8	2.688	3.649	4.2	21.4
11 27	3 57.69	+32 14.4	2.690	3.662	3.1	21.4
12 7	3 48.52	+31 55.4	2.722	3.673	4.6	21.5
12 17	3 40.49	+31 29.6	2.784	3.685	7.1	21.7
12 27	3 34.22	+31 1.0	2.873	3.696	9.5	21.9

80138 1999 TY_{35} 11 24.3 6°.10 1°.7/23.7 18

10 18	4 23.15	+19 53.5	0.998	1.859	21.3	18.9
10 28	4 21.31	+19 21.3	0.940	1.858	16.5	18.6
11 7	4 15.71	+18 39.8	0.899	1.859	10.9	18.3
11 17	4 7.27	+17 52.3	0.879	1.862	4.7	18.0
11 27	3 57.68	+17 4.6	0.881	1.866	2.8	17.9
12 7	3 48.86	+16 23.8	0.907	1.872	8.7	18.2
12 17	3 42.45	+15 56.2	0.954	1.879	14.4	18.6
12 27	3 39.52	+15 45.5	1.021	1.888	19.2	18.9

366717 2003 XL_{34} 11 24.3 71°.50 0°.5/24.6 18

10 18	4 25.72	+24 48.4	2.283	3.079	13.0	20.7
10 28	4 21.07	+24 18.3	2.209	3.090	10.1	20.5
11 7	4 14.44	+23 39.7	2.158	3.102	6.7	20.3
11 17	4 6.46	+22 53.5	2.134	3.113	3.0	20.1
11 27	3 58.00	+22 2.4	2.140	3.125	1.1	20.0
12 7	3 50.00	+21 10.0	2.175	3.137	4.7	20.3
12 17	3 43.27	+20 20.5	2.240	3.148	8.2	20.5
12 27	3 38.42	+19 37.7	2.330	3.160	11.2	20.7

50232 2000 AR_{245} 11 24.3 223°.59 2°.5/25.8 18

10 18	4 29.40	+30 26.8	2.197	2.975	14.0	19.2
10 28	4 24.28	+30 9.4	2.102	2.968	11.2	19.0
11 7	4 16.79	+29 38.9	2.029	2.961	7.9	18.8
11 17	4 7.56	+28 54.8	1.982	2.954	4.4	18.5
11 27	3 57.59	+27 58.0	1.965	2.946	2.5	18.4
12 7	3 48.01	+26 52.6	1.978	2.938	5.2	18.6
12 17	3 39.84	+25 44.0	2.019	2.929	8.8	18.8
12 27	3 33.87	+24 38.4	2.087	2.920	12.1	19.0

290207 2005 SM_{39} 11 24.3 1°.60 0°.8/24.6 17

10 18	4 26.74	+23 14.4	1.801	2.612	15.3	21.2
10 28	4 22.58	+23 15.5	1.722	2.611	12.0	21.0
11 7	4 15.84	+23 9.4	1.664	2.611	8.0	20.8
11 17	4 7.20	+22 55.9	1.631	2.611	3.6	20.5
11 27	3 57.72	+22 36.2	1.626	2.612	1.4	20.3
12 7	3 48.66	+22 13.3	1.650	2.613	5.7	20.6
12 17	3 41.12	+21 51.0	1.700	2.614	9.9	20.9
12 27	3 35.97	+21 33.3	1.774	2.616	13.6	21.1

133773 Lindsaykeller 11 24.3 286°.50 4°.3/22.2 18

10 18	4 24.58	+ 8 4.3	2.346	3.152	12.4	20.0
10 28	4 20.20	+ 7 37.2	2.258	3.142	9.8	19.8
11 7	4 13.94	+ 7 13.2	2.194	3.132	7.0	19.6
11 17	4 6.31	+ 6 55.4	2.157	3.122	4.7	19.4
11 27	3 58.05	+ 6 46.5	2.148	3.112	4.6	19.4
12 7	3 50.02	+ 6 48.7	2.168	3.103	6.9	19.6
12 17	3 43.02	+ 7 2.9	2.216	3.093	9.8	19.7
12 27	3 37.71	+ 7 29.3	2.289	3.084	12.5	19.9

385628 2005 NG_{84} 11 24.3 52°.51 1°.8/23.7 18

10 18	4 31.32	+17 20.3	1.268	2.100	19.3	20.5
10 28	4 26.62	+17 10.6	1.216	2.118	14.9	20.3
11 7	4 18.65	+16 57.8	1.183	2.136	9.8	20.1
11 17	4 8.38	+16 43.6	1.174	2.155	4.3	19.8
11 27	3 57.33	+16 30.8	1.190	2.174	2.6	19.7
12 7	3 47.17	+16 23.0	1.233	2.194	7.6	20.1
12 17	3 39.23	+16 23.0	1.301	2.214	12.4	20.4
12 27	3 34.39	+16 33.2	1.390	2.234	16.5	20.7

74493 1999 CQ_{122} 11 24.3 343°.46 10°.3/28.7 18

10 18	4 35.38	+47 41.3	2.145	2.845	16.5	18.3
10 28	4 30.27	+49 15.5	2.061	2.840	14.6	18.2
11 7	4 21.57	+50 32.7	1.996	2.836	12.7	18.0
11 17	4 9.91	+51 25.1	1.954	2.832	11.1	17.9
11 27	3 56.65	+51 47.1	1.935	2.828	10.3	17.9
12 7	3 43.60	+51 37.7	1.942	2.825	10.7	17.9
12 17	3 32.52	+51 0.9	1.973	2.822	12.1	18.0
12 27	3 24.74	+50 5.0	2.026	2.820	14.0	18.1

185545 2007 YH_{31} 11 24.3 8°.34 1°.0/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 27.38	+18 49.7	1.689	2.508	15.8	20.3
10 28	4 23.14	+18 42.3	1.613	2.509	12.3	20.1
11 7	4 16.24	+18 30.8	1.558	2.509	8.1	19.8
11 17	4 7.38	+18 16.2	1.529	2.510	3.5	19.6
11 27	3 57.67	+18 0.7	1.527	2.512	1.8	19.4
12 7	3 48.41	+17 47.2	1.553	2.514	6.3	19.7
12 17	3 40.74	+17 38.8	1.606	2.516	10.7	20.0
12 27	3 35.53	+17 38.2	1.682	2.518	14.4	20.2

145042 2005 FO_{6} 11 24.3 143°.20 0°.0/24.3 18

10 18	4 34.85	+20 10.9	1.732	2.534	16.2	20.5
10 28	4 28.81	+20 23.0	1.659	2.544	12.6	20.3
11 7	4 19.92	+20 30.7	1.607	2.553	8.3	20.0
11 17	4 8.95	+20 33.7	1.581	2.561	3.6	19.8
11 27	3 57.11	+20 32.5	1.584	2.569	1.3	19.6
12 7	3 45.80	+20 29.2	1.616	2.577	6.1	20.0
12 17	3 36.26	+20 26.7	1.676	2.583	10.5	20.2
12 27	3 29.40	+20 28.5	1.760	2.589	14.2	20.5

384645 2011 EN_{71} 11 24.3 319°.38 1°.9/23.8 18

10 18	4 26.99	+17 3.7	1.259	2.099	18.9	20.5
10 28	4 24.00	+16 59.9	1.173	2.081	14.9	20.2
11 7	4 17.52	+16 53.4	1.107	2.062	10.0	19.8
11 17	4 8.18	+16 45.7	1.063	2.045	4.5	19.5
11 27	3 57.33	+16 39.5	1.044	2.028	2.7	19.3
12 7	3 46.71	+16 38.0	1.049	2.012	8.3	19.6
12 17	3 38.03	+16 44.7	1.078	1.996	13.9	19.9
12 27	3 32.60	+17 2.5	1.128	1.982	18.8	20.1

520391 2014 HY_{207} 11 24.3 164°.97 0°.8/23.9 18

10 18	4 28.39	+20 11.6	2.189	2.989	13.3	22.3
10 28	4 23.25	+19 45.6	2.108	2.993	10.3	22.1
11 7	4 15.97	+19 14.0	2.049	2.996	6.8	21.8
11 17	4 7.18	+18 38.2	2.018	2.999	2.9	21.6
11 27	3 57.78	+18 0.7	2.017	3.002	1.5	21.5
12 7	3 48.77	+17 24.8	2.046	3.004	5.3	21.8
12 17	3 41.06	+16 53.9	2.103	3.006	9.0	22.0
12 27	3 35.34	+16 31.1	2.186	3.007	12.1	22.2

11259 Yingtungchen 11 24.3 267°.45 0°.8/24.6 18

10 18	4 28.75	+23 43.7	1.803	2.610	15.5	18.9
10 28	4 24.14	+23 37.4	1.721	2.609	12.1	18.7
11 7	4 16.88	+23 22.9	1.661	2.608	8.1	18.5
11 17	4 7.66	+23 0.0	1.627	2.606	3.7	18.2
11 27	3 57.59	+22 30.4	1.620	2.605	1.4	18.0
12 7	3 47.94	+21 57.4	1.642	2.604	5.8	18.3
12 17	3 39.88	+21 25.6	1.691	2.603	10.1	18.6
12 27	3 34.27	+20 59.3	1.764	2.602	13.8	18.8

454713 2014 SK_{162} 11 24.3 121°.63 0°.2/24.2 18

10 18	4 26.57	+21 0.3	2.498	3.293	12.0	21.9
10 28	4 21.57	+20 47.2	2.421	3.303	9.3	21.7
11 7	4 14.72	+20 29.3	2.368	3.313	6.1	21.5
11 17	4 6.60	+20 7.4	2.343	3.324	2.6	21.3
11 27	3 58.00	+19 43.1	2.348	3.333	1.0	21.2
12 7	3 49.76	+19 18.9	2.383	3.343	4.5	21.5
12 17	3 42.65	+18 57.4	2.448	3.352	7.8	21.7
12 27	3 37.27	+18 41.0	2.539	3.361	10.6	21.9

10186 Albéniz 11 24.3 102°.15 2°.1/23.3 18

10 18	4 31.23	+17 36.1	1.770	2.579	15.6	18.3
10 28	4 25.62	+16 52.6	1.709	2.600	12.0	18.1
11 7	4 17.55	+16 4.7	1.671	2.620	7.9	17.9
11 17	4 7.83	+15 15.2	1.659	2.639	3.7	17.7
11 27	3 57.58	+14 28.2	1.677	2.658	2.8	17.6
12 7	3 48.02	+13 48.1	1.723	2.676	6.6	17.9
12 17	3 40.13	+13 18.5	1.796	2.694	10.5	18.2
12 27	3 34.63	+13 1.7	1.894	2.712	13.8	18.4

302526 2002 LQ_{3} 11 24.3 148°.45 2°.4/23.1 18

10 18	4 30.10	+13 6.0	2.564	3.355	11.9	22.3
10 28	4 24.09	+12 47.5	2.489	3.368	9.2	22.1
11 7	4 16.30	+12 29.0	2.439	3.381	6.1	22.0
11 17	4 7.27	+12 12.4	2.417	3.392	3.3	21.8
11 27	3 57.77	+11 59.5	2.426	3.403	2.8	21.8
12 7	3 48.64	+11 52.3	2.467	3.413	5.4	22.0
12 17	3 40.63	+11 52.3	2.537	3.422	8.4	22.2
12 27	3 34.33	+12 0.3	2.633	3.430	11.0	22.4

517242 2014 DE_{26} 11 24.3 288°.27 1°.7/23.7 18

10 18	4 28.60	+17 28.7	1.602	2.423	16.5	21.9
10 28	4 24.46	+17 14.2	1.510	2.407	12.9	21.7
11 7	4 17.39	+16 56.0	1.439	2.390	8.6	21.4
11 17	4 8.00	+16 35.4	1.393	2.374	3.9	21.1
11 27	3 57.45	+16 15.2	1.374	2.358	2.5	20.9
12 7	3 47.15	+15 59.0	1.383	2.342	7.2	21.2
12 17	3 38.44	+15 50.2	1.417	2.326	12.0	21.4
12 27	3 32.39	+15 51.9	1.474	2.310	16.2	21.6

301791 2010 LQ_{14} 11 24.3 51°.23 4°.2/22.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 26.54	+13 0.7	1.696	2.519	15.6	20.8
10 28	4 22.26	+12 3.7	1.628	2.524	12.1	20.6
11 7	4 15.52	+11 5.2	1.582	2.530	8.3	20.4
11 17	4 7.03	+10 9.9	1.561	2.535	4.9	20.2
11 27	3 57.87	+ 9 23.0	1.568	2.541	4.7	20.2
12 7	3 49.23	+ 8 48.9	1.602	2.547	8.0	20.4
12 17	3 42.13	+ 8 30.5	1.663	2.553	11.7	20.7
12 27	3 37.34	+ 8 28.8	1.745	2.559	15.0	20.9

300617 2007 UV_{11} 11 24.3 29°.11 0°.8/24.1 18

10 18	4 30.01	+17 16.2	1.385	2.214	18.2	19.8
10 28	4 25.59	+17 42.8	1.324	2.225	14.1	19.5
11 7	4 18.04	+18 8.7	1.284	2.236	9.3	19.3
11 17	4 8.20	+18 33.3	1.267	2.249	4.0	19.0
11 27	3 57.44	+18 56.9	1.277	2.263	1.8	18.9
12 7	3 47.32	+19 20.3	1.314	2.277	6.9	19.3
12 17	3 39.20	+19 45.2	1.376	2.292	11.7	19.6
12 27	3 34.02	+20 13.6	1.461	2.307	15.7	19.9

356888 2011 WV_{150} 11 24.3 305°.11 3°.9/25.9 18

10 18	4 30.56	+30 48.2	1.910	2.694	15.6	20.5
10 28	4 25.66	+31 18.1	1.826	2.693	12.5	20.3
11 7	4 17.98	+31 36.7	1.763	2.693	9.1	20.1
11 17	4 8.18	+31 41.1	1.726	2.692	5.6	19.9
11 27	3 57.42	+31 30.3	1.716	2.691	4.0	19.8
12 7	3 47.05	+31 6.0	1.734	2.690	6.3	19.9
12 17	3 38.30	+30 32.9	1.780	2.690	9.8	20.1
12 27	3 32.13	+29 57.0	1.850	2.689	13.2	20.4

409680 2006 AN_{32} 11 24.3 352°.76 6°.2/21.7 18

10 18	4 24.93	+ 4 42.6	1.950	2.762	14.3	20.4
10 28	4 20.76	+ 4 1.7	1.877	2.760	11.5	20.2
11 7	4 14.43	+ 3 27.0	1.826	2.758	8.6	20.0
11 17	4 6.56	+ 3 2.9	1.801	2.757	6.5	19.9
11 27	3 58.04	+ 2 53.4	1.802	2.756	6.5	19.9
12 7	3 49.88	+ 3 0.8	1.831	2.755	8.7	20.0
12 17	3 42.97	+ 3 25.5	1.886	2.755	11.7	20.2
12 27	3 38.06	+ 4 6.1	1.964	2.755	14.4	20.4

447434 2006 DJ_{148} 11 24.3 129°.81 5°.3/21.4 15

10 18	4 28.70	+ 6 22.9	2.269	3.066	13.0	22.6
10 28	4 23.12	+ 5 21.2	2.207	3.083	10.3	22.4
11 7	4 15.69	+ 4 23.3	2.170	3.100	7.6	22.3
11 17	4 7.00	+ 3 33.6	2.160	3.116	5.6	22.2
11 27	3 57.91	+ 2 56.0	2.179	3.131	5.7	22.2
12 7	3 49.27	+ 2 33.5	2.228	3.145	7.8	22.4
12 17	3 41.86	+ 2 27.2	2.304	3.159	10.4	22.6
12 27	3 36.27	+ 2 36.5	2.404	3.172	12.8	22.8

413190 2002 TE_{350} 11 24.3 71°.41 2°.1/25.6 17

10 18	4 26.65	+29 21.2	2.300	3.083	13.3	21.3
10 28	4 21.90	+29 6.7	2.223	3.093	10.5	21.2
11 7	4 15.06	+28 41.2	2.169	3.104	7.3	21.0
11 17	4 6.78	+28 4.6	2.141	3.114	3.9	20.8
11 27	3 57.98	+27 18.3	2.143	3.125	2.2	20.7
12 7	3 49.64	+26 25.9	2.174	3.135	4.8	20.9
12 17	3 42.62	+25 31.8	2.235	3.146	8.0	21.1
12 27	3 37.59	+24 40.8	2.321	3.156	11.0	21.3

68311 2001 FN_{112} 11 24.3 136°.77 4°.3/21.9 18

10 18	4 24.56	+ 8 34.1	2.406	3.211	12.1	19.8
10 28	4 20.02	+ 7 48.9	2.332	3.216	9.5	19.6
11 7	4 13.72	+ 7 6.0	2.282	3.220	6.8	19.4
11 17	4 6.19	+ 6 28.7	2.260	3.224	4.6	19.3
11 27	3 58.19	+ 6 0.4	2.266	3.228	4.7	19.3
12 7	3 50.51	+ 5 43.7	2.301	3.231	6.8	19.5
12 17	3 43.89	+ 5 39.9	2.364	3.235	9.5	19.6
12 27	3 38.91	+ 5 49.3	2.452	3.238	12.0	19.8

289475 2005 EH_{78} 11 24.3 193°.31 1°.0/24.8 18

10 18	4 30.30	+24 0.3	2.226	3.016	13.5	21.4
10 28	4 24.87	+24 6.4	2.137	3.014	10.5	21.2
11 7	4 17.16	+24 6.0	2.071	3.012	7.1	21.0
11 17	4 7.76	+23 58.4	2.031	3.010	3.3	20.8
11 27	3 57.59	+23 44.2	2.022	3.007	1.4	20.6
12 7	3 47.74	+23 25.5	2.043	3.003	5.0	20.9
12 17	3 39.19	+23 5.4	2.092	2.999	8.7	21.1
12 27	3 32.73	+22 47.7	2.167	2.995	12.0	21.3

177636 2004 LB_{9} 11 24.3 197°.47 3°.7/22.8 18

10 18	4 28.42	+ 9 4.5	2.334	3.132	12.7	20.4
10 28	4 23.12	+ 8 51.9	2.249	3.130	9.9	20.2
11 7	4 15.85	+ 8 42.7	2.189	3.128	6.9	20.0
11 17	4 7.15	+ 8 38.9	2.156	3.125	4.3	19.8
11 27	3 57.82	+ 8 42.8	2.152	3.122	4.0	19.8
12 7	3 48.77	+ 8 55.8	2.178	3.118	6.5	20.0
12 17	3 40.83	+ 9 18.5	2.233	3.115	9.5	20.1
12 27	3 34.69	+ 9 51.0	2.313	3.110	12.3	20.3

228999 2003 WN_{141} 11 24.3 25°.05 4°.8/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 28.75	+ 6 10.0	1.754	2.567	15.6	18.5
10 28	4 23.82	+ 6 21.8	1.692	2.579	12.3	18.3
11 7	4 16.48	+ 6 42.0	1.652	2.591	8.7	18.2
11 17	4 7.44	+ 7 12.7	1.637	2.605	5.6	18.0
11 27	3 57.75	+ 7 55.0	1.650	2.619	5.1	18.0
12 7	3 48.56	+ 8 48.5	1.691	2.634	7.7	18.2
12 17	3 40.89	+ 9 51.7	1.759	2.650	11.1	18.4
12 27	3 35.51	+11 2.6	1.851	2.666	14.2	18.7

493169 2014 TN_{84} 11 24.3 77°.76 9°.5/28.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 40.90	+47 53.4	2.371	3.053	15.5	21.0
10 28	4 34.15	+49 34.5	2.301	3.066	13.7	20.8
11 7	4 23.92	+50 58.6	2.250	3.080	11.8	20.7
11 17	4 10.88	+51 58.5	2.223	3.093	10.3	20.6
11 27	3 56.40	+52 28.9	2.222	3.106	9.6	20.6
12 7	3 42.22	+52 29.3	2.247	3.120	9.9	20.7
12 17	3 30.01	+52 3.8	2.297	3.133	11.1	20.8
12 27	3 20.98	+51 20.4	2.371	3.146	12.7	20.9

210984 2001 WM 11 24.3 138°.62 2°.0/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 30.53	+27 24.7	2.471	3.247	12.7	21.2
10 28	4 24.75	+27 34.4	2.392	3.259	10.0	21.0
11 7	4 16.90	+27 36.0	2.337	3.271	6.9	20.8
11 17	4 7.58	+27 28.4	2.309	3.282	3.6	20.6
11 27	3 57.69	+27 12.0	2.311	3.293	2.1	20.5
12 7	3 48.20	+26 48.8	2.344	3.303	4.6	20.7
12 17	3 39.98	+26 22.2	2.406	3.312	7.8	21.0
12 27	3 33.70	+25 55.9	2.495	3.321	10.6	21.2

5281 Lindstrom 11 24.3 28°.75 5°.5/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 25.62	+ 6 27.4	1.888	2.703	14.6	16.0
10 28	4 21.29	+ 5 55.2	1.822	2.709	11.6	15.8
11 7	4 14.78	+ 5 28.6	1.778	2.715	8.4	15.6
11 17	4 6.71	+ 5 11.5	1.759	2.721	5.9	15.5
11 27	3 58.04	+ 5 7.3	1.767	2.728	5.8	15.5
12 7	3 49.80	+ 5 17.9	1.803	2.736	8.2	15.6
12 17	3 42.90	+ 5 43.7	1.866	2.743	11.3	15.8
12 27	3 38.05	+ 6 23.4	1.951	2.751	14.2	16.1

515626 2014 LP 11 24.3 194°.49 1°.3/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 29.31	+27 20.9	2.191	2.977	13.8	21.5
10 28	4 24.10	+26 51.3	2.101	2.976	10.8	21.3
11 7	4 16.62	+26 10.4	2.034	2.974	7.4	21.0
11 17	4 7.51	+25 18.4	1.994	2.971	3.6	20.8
11 27	3 57.74	+24 17.4	1.984	2.968	1.5	20.6
12 7	3 48.40	+23 11.8	2.004	2.965	5.0	20.9
12 17	3 40.44	+22 6.8	2.053	2.961	8.8	21.1
12 27	3 34.61	+21 7.8	2.128	2.957	12.1	21.3

181781 1997 YG_{4} 11 24.3 323°.65 3°.9/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 27.07	+10 45.2	1.718	2.539	15.6	19.9
10 28	4 22.93	+10 37.1	1.633	2.527	12.2	19.6
11 7	4 16.18	+10 32.4	1.569	2.516	8.5	19.4
11 17	4 7.44	+10 33.7	1.530	2.505	4.9	19.1
11 27	3 57.74	+10 43.6	1.518	2.494	4.3	19.1
12 7	3 48.31	+11 3.8	1.535	2.484	7.7	19.3
12 17	3 40.30	+11 35.2	1.577	2.475	11.7	19.5
12 27	3 34.66	+12 17.7	1.642	2.466	15.3	19.7

384377 2009 VR_{5} 11 24.3 337°.24 4°.8/26.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 30.89	+30 58.3	1.432	2.236	18.9	20.9
10 28	4 26.86	+31 30.2	1.353	2.232	15.3	20.6
11 7	4 19.27	+31 48.0	1.294	2.229	11.1	20.4
11 17	4 8.90	+31 47.5	1.257	2.225	6.8	20.1
11 27	3 57.21	+31 26.9	1.245	2.222	4.8	20.0
12 7	3 46.03	+30 49.3	1.260	2.220	7.6	20.2
12 17	3 37.01	+30 1.3	1.300	2.217	12.0	20.4
12 27	3 31.32	+29 11.7	1.362	2.216	16.2	20.7

324889 2007 UN_{101} 11 24.3 54°.85 0°.2/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 31.10	+21 45.6	1.267	2.096	19.5	21.2
10 28	4 26.81	+21 31.9	1.202	2.102	15.2	21.0
11 7	4 19.04	+21 9.5	1.157	2.109	10.1	20.7
11 17	4 8.70	+20 38.9	1.134	2.116	4.3	20.4
11 27	3 57.34	+20 3.2	1.137	2.123	1.7	20.2
12 7	3 46.71	+19 27.6	1.166	2.130	7.4	20.6
12 17	3 38.34	+18 57.7	1.220	2.137	12.7	20.9
12 27	3 33.22	+18 38.6	1.295	2.144	17.1	21.2

387404 2013 RU_{85} 11 24.3 288°.27 5°.3/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 32.76	+31 57.2	1.424	2.224	19.2	20.9
10 28	4 28.44	+32 31.6	1.343	2.218	15.7	20.6
11 7	4 20.41	+32 51.1	1.281	2.212	11.5	20.4
11 17	4 9.43	+32 50.9	1.241	2.207	7.3	20.1
11 27	3 57.02	+32 28.5	1.227	2.202	5.3	20.0
12 7	3 45.11	+31 46.8	1.238	2.196	8.0	20.1
12 17	3 35.44	+30 53.0	1.275	2.191	12.3	20.4
12 27	3 29.24	+29 56.7	1.334	2.186	16.5	20.6

76743 2000 JG_{66} 11 24.3 202°.87 3°.8/22.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 27.42	+ 9 5.5	2.509	3.306	11.9	19.5
10 28	4 22.23	+ 8 34.5	2.422	3.301	9.4	19.3
11 7	4 15.22	+ 8 5.5	2.359	3.296	6.6	19.2
11 17	4 6.90	+ 7 41.3	2.324	3.290	4.3	19.0
11 27	3 58.00	+ 7 24.6	2.318	3.284	4.2	19.0
12 7	3 49.35	+ 7 17.6	2.343	3.277	6.5	19.1
12 17	3 41.72	+ 7 21.7	2.396	3.270	9.3	19.3
12 27	3 35.74	+ 7 37.3	2.474	3.262	11.9	19.5

244762 2003 SY_{98} 11 24.3 99°.37 2°.3/25.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 30.57	+30 35.3	1.798	2.587	16.2	20.0
10 28	4 25.49	+29 58.9	1.721	2.594	12.9	19.8
11 7	4 17.69	+29 6.3	1.666	2.602	8.9	19.6
11 17	4 7.99	+27 57.6	1.636	2.610	4.7	19.4
11 27	3 57.63	+26 35.7	1.634	2.617	2.4	19.2
12 7	3 47.96	+25 7.0	1.662	2.624	5.8	19.5
12 17	3 40.07	+23 39.0	1.718	2.632	9.9	19.7
12 27	3 34.77	+22 19.2	1.799	2.639	13.5	20.0

49926 1999 XK_{175} 11 24.3 24°.54 1°.7/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 29.64	+22 5.6	1.028	1.874	21.8	17.9
10 28	4 26.35	+22 47.1	0.977	1.885	17.0	17.6
11 7	4 19.06	+23 22.2	0.943	1.898	11.4	17.4
11 17	4 8.79	+23 48.0	0.930	1.911	5.3	17.1
11 27	3 57.33	+24 3.4	0.941	1.927	2.3	17.0
12 7	3 46.80	+24 10.7	0.976	1.943	7.9	17.3
12 17	3 38.92	+24 14.3	1.034	1.960	13.4	17.7
12 27	3 34.78	+24 19.5	1.112	1.979	18.0	18.0

514978 2009 DM_{35} 11 24.3 137°.31 5°.4/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 34.19	+36 38.4	2.311	3.057	14.3	21.8
10 28	4 28.10	+37 21.6	2.232	3.067	11.8	21.6
11 7	4 19.40	+37 51.7	2.174	3.076	9.1	21.4
11 17	4 8.77	+38 5.0	2.142	3.086	6.6	21.3
11 27	3 57.32	+37 59.6	2.138	3.094	5.4	21.2
12 7	3 46.29	+37 36.9	2.163	3.103	6.6	21.3
12 17	3 36.82	+37 0.9	2.217	3.111	9.0	21.5
12 27	3 29.77	+36 17.9	2.296	3.118	11.6	21.7

104309 2000 EL_{192} 11 24.3 326°.76 1°.2/24.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 25.60	+25 7.9	2.130	2.929	13.7	20.2
10 28	4 21.41	+25 3.9	2.041	2.923	10.7	20.0
11 7	4 14.96	+24 51.8	1.974	2.918	7.3	19.7
11 17	4 6.86	+24 31.4	1.934	2.912	3.5	19.5
11 27	3 58.02	+24 3.9	1.922	2.907	1.5	19.3
12 7	3 49.50	+23 32.1	1.940	2.902	5.1	19.6
12 17	3 42.25	+22 59.7	1.985	2.898	8.8	19.8
12 27	3 37.06	+22 30.7	2.056	2.893	12.1	20.0

121722 1999 XZ_{137} 11 24.3 166°.04 0°.1/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 26.27	+22 12.5	2.570	3.362	11.8	20.5
10 28	4 21.37	+21 50.9	2.484	3.365	9.1	20.3
11 7	4 14.64	+21 23.4	2.423	3.368	6.0	20.1
11 17	4 6.64	+20 50.8	2.390	3.370	2.6	19.9
11 27	3 58.13	+20 14.9	2.387	3.373	1.0	19.8
12 7	3 49.94	+19 38.7	2.415	3.374	4.5	20.0
12 17	3 42.83	+19 5.1	2.472	3.376	7.7	20.3
12 27	3 37.42	+18 37.1	2.555	3.377	10.5	20.4

484169 2006 UO_{171} 11 24.3 33°.58 3°.1/23.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 26.37	+14 23.7	1.742	2.564	15.3	21.4
10 28	4 22.14	+13 50.4	1.672	2.568	11.9	21.2
11 7	4 15.48	+13 15.7	1.624	2.574	8.0	21.0
11 17	4 7.07	+12 42.7	1.602	2.579	4.2	20.8
11 27	3 57.97	+12 15.0	1.607	2.585	3.6	20.7
12 7	3 49.35	+11 56.3	1.640	2.591	7.1	21.0
12 17	3 42.24	+11 48.9	1.699	2.598	10.9	21.2
12 27	3 37.40	+11 54.1	1.782	2.605	14.4	21.4

47501 2000 AN_{53} 11 24.3 177°.95 5°.8/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 29.20	+ 4 25.5	2.059	2.858	14.1	19.4
10 28	4 23.92	+ 3 58.7	1.983	2.859	11.3	19.2
11 7	4 16.48	+ 3 38.7	1.931	2.860	8.4	19.0
11 17	4 7.48	+ 3 29.0	1.904	2.861	6.1	18.9
11 27	3 57.82	+ 3 32.9	1.906	2.861	6.1	18.9
12 7	3 48.53	+ 3 51.9	1.936	2.860	8.3	19.0
12 17	3 40.51	+ 4 26.0	1.993	2.860	11.2	19.2
12 27	3 34.49	+ 5 13.8	2.074	2.859	14.0	19.4

168948 Silvestri 11 24.3 143°.39 2°.5/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 28.64	+15 3.1	2.001	2.809	14.1	20.6
10 28	4 23.58	+14 34.9	1.926	2.815	10.9	20.4
11 7	4 16.28	+14 4.9	1.873	2.821	7.3	20.1
11 17	4 7.39	+13 35.5	1.848	2.826	3.7	19.9
11 27	3 57.86	+13 9.6	1.852	2.831	3.0	19.9
12 7	3 48.76	+12 50.4	1.884	2.836	6.3	20.1
12 17	3 41.03	+12 40.3	1.945	2.840	10.0	20.4
12 27	3 35.40	+12 40.7	2.030	2.844	13.2	20.6

42430 5158 $T\text{-}_2$ 11 24.3 199°.07 1°.5/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 25.45	+19 15.2	2.269	3.074	12.8	19.6
10 28	4 20.94	+18 26.1	2.185	3.073	9.8	19.4
11 7	4 14.46	+17 31.1	2.124	3.072	6.5	19.2
11 17	4 6.59	+16 32.4	2.091	3.072	2.9	18.9
11 27	3 58.16	+15 33.7	2.088	3.070	2.1	18.9
12 7	3 50.10	+14 39.2	2.115	3.069	5.5	19.1
12 17	3 43.21	+13 52.6	2.170	3.068	8.9	19.3
12 27	3 38.16	+13 17.1	2.251	3.067	12.0	19.5

221477 2006 BD_{220} 11 24.3 67°.76 2°.1/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 28.25	+27 27.6	2.112	2.902	14.1	19.8
10 28	4 23.32	+27 33.1	2.041	2.916	11.1	19.7
11 7	4 16.11	+27 29.3	1.993	2.931	7.6	19.5
11 17	4 7.31	+27 15.3	1.971	2.946	4.0	19.3
11 27	3 57.91	+26 52.0	1.978	2.961	2.2	19.2
12 7	3 49.00	+26 22.0	2.014	2.975	5.1	19.4
12 17	3 41.53	+25 49.5	2.079	2.990	8.5	19.7
12 27	3 36.22	+25 18.6	2.169	3.005	11.6	19.9

486732 2014 DS_{73} 11 24.3 41°.46 2°.3/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 32.70	+23 47.8	1.510	2.321	17.8	20.2
10 28	4 27.75	+24 35.4	1.442	2.330	14.0	19.9
11 7	4 19.57	+25 17.3	1.394	2.339	9.5	19.7
11 17	4 8.96	+25 50.2	1.370	2.348	4.8	19.4
11 27	3 57.28	+26 12.5	1.374	2.357	2.5	19.3
12 7	3 46.14	+26 24.9	1.405	2.367	6.6	19.6
12 17	3 36.99	+26 30.7	1.462	2.377	11.1	19.9
12 27	3 30.85	+26 34.6	1.543	2.388	15.1	20.2

206581 2003 WT_7 11 24.3 35°.61 6°.7/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 30.20	+ 3 43.2	1.522	2.338	17.4	19.4
10 28	4 25.29	+ 3 32.0	1.462	2.347	14.0	19.2
11 7	4 17.64	+ 3 31.6	1.422	2.357	10.3	19.0
11 17	4 8.02	+ 3 46.1	1.406	2.367	7.4	18.8
11 27	3 57.65	+ 4 18.2	1.417	2.377	7.0	18.9
12 7	3 47.87	+ 5 8.0	1.454	2.388	9.6	19.0
12 17	3 39.84	+ 6 13.5	1.516	2.400	13.0	19.3
12 27	3 34.39	+ 7 31.4	1.601	2.411	16.3	19.5

36073 1999 RX_{56} 11 24.3 162°.97 1°.5/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 31.13	+26 13.0	2.115	2.902	14.2	19.8
10 28	4 25.58	+26 6.7	2.033	2.907	11.1	19.6
11 7	4 17.64	+25 51.2	1.973	2.912	7.6	19.4
11 17	4 8.00	+25 25.9	1.939	2.916	3.7	19.2
11 27	3 57.65	+24 52.0	1.935	2.920	1.7	19.1
12 7	3 47.75	+24 12.8	1.961	2.923	5.2	19.3
12 17	3 39.31	+23 32.4	2.016	2.925	8.9	19.6
12 27	3 33.09	+22 55.6	2.097	2.927	12.2	19.8

156890 2003 ES_{21} 11 24.3 275°.56 0°.1/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 30.20	+20 43.8	1.648	2.462	16.4	20.5
10 28	4 25.74	+20 44.6	1.555	2.446	12.9	20.3
11 7	4 18.29	+20 40.0	1.482	2.431	8.6	20.0
11 17	4 8.48	+20 29.7	1.434	2.415	3.8	19.6
11 27	3 57.44	+20 15.1	1.413	2.399	1.4	19.4
12 7	3 46.64	+19 58.9	1.421	2.383	6.6	19.7
12 17	3 37.45	+19 45.0	1.455	2.367	11.4	20.0
12 27	3 30.96	+19 37.6	1.512	2.351	15.7	20.2

144077 2004 BJ_{49} 11 24.3 358°.97 0°.4/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 26.30	+21 5.8	1.538	2.363	16.9	20.3
10 28	4 22.63	+20 50.4	1.463	2.362	13.1	20.1
11 7	4 16.10	+20 27.6	1.408	2.360	8.7	19.8
11 17	4 7.44	+19 58.8	1.378	2.360	3.7	19.5
11 27	3 57.86	+19 26.5	1.374	2.360	1.5	19.4
12 7	3 48.77	+18 54.9	1.398	2.360	6.6	19.7
12 17	3 41.40	+18 28.7	1.447	2.362	11.2	20.0
12 27	3 36.69	+18 11.8	1.518	2.364	15.2	20.2

39134 2000 WB_{59} 11 24.3 56°.41 1°.6/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 29.43	+17 33.3	1.563	2.385	16.8	19.0
10 28	4 24.80	+17 21.2	1.498	2.394	13.0	18.7
11 7	4 17.37	+17 5.9	1.453	2.404	8.5	18.5
11 17	4 7.93	+16 49.0	1.433	2.414	3.8	18.2
11 27	3 57.71	+16 32.9	1.440	2.424	2.3	18.2
12 7	3 48.08	+16 20.9	1.475	2.435	6.8	18.5
12 17	3 40.22	+16 15.8	1.537	2.445	11.2	18.8
12 27	3 34.99	+16 20.0	1.621	2.456	14.9	19.0

330204 2006 FE_{16} 11 24.3 178°.81 1°.7/25.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 26.97	+27 4.1	2.806	3.582	11.3	22.0
10 28	4 21.89	+27 9.6	2.715	3.583	8.9	21.8
11 7	4 15.01	+27 7.9	2.649	3.584	6.1	21.7
11 17	4 6.84	+26 58.5	2.610	3.584	3.2	21.5
11 27	3 58.11	+26 41.7	2.602	3.584	1.8	21.4
12 7	3 49.64	+26 19.4	2.625	3.584	4.2	21.5
12 17	3 42.19	+25 54.2	2.677	3.584	7.1	21.7
12 27	3 36.39	+25 29.3	2.756	3.583	9.7	21.9

485788 2012 DM_{16} 11 24.3 325°.53 5°.9/21.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 24.45	+ 5 33.7	2.081	2.891	13.6	20.8
10 28	4 20.29	+ 4 41.7	2.005	2.888	10.9	20.6
11 7	4 14.11	+ 3 54.2	1.953	2.885	8.1	20.4
11 17	4 6.48	+ 3 15.7	1.926	2.882	6.1	20.3
11 27	3 58.24	+ 2 50.6	1.926	2.879	6.3	20.3
12 7	3 50.32	+ 2 41.6	1.955	2.876	8.4	20.4
12 17	3 43.58	+ 2 49.9	2.009	2.874	11.2	20.6
12 27	3 38.69	+ 3 14.8	2.087	2.871	13.9	20.8

441312 2008 AZ_{76} 11 24.3 18°.15 2°.1/25.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 27.32	+25 7.5	1.409	2.232	18.2	20.2
10 28	4 23.72	+25 26.2	1.343	2.238	14.3	20.0
11 7	4 16.95	+25 35.3	1.298	2.246	9.7	19.8
11 17	4 7.83	+25 33.4	1.276	2.254	4.8	19.5
11 27	3 57.75	+25 21.0	1.279	2.263	2.3	19.4
12 7	3 48.28	+25 1.3	1.309	2.274	6.6	19.7
12 17	3 40.81	+24 39.1	1.364	2.285	11.3	20.0
12 27	3 36.30	+24 20.0	1.441	2.297	15.3	20.2

475570 2006 TS_{127} 11 24.3 93°.19 2°.3/23.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 33.64	+17 38.4	1.531	2.346	17.4	21.9
10 28	4 27.79	+16 54.3	1.478	2.370	13.4	21.7
11 7	4 19.13	+16 5.5	1.445	2.394	8.8	21.5
11 17	4 8.59	+15 15.2	1.438	2.418	4.1	21.3
11 27	3 57.52	+14 28.1	1.459	2.441	3.0	21.3
12 7	3 47.30	+13 48.9	1.508	2.463	7.2	21.6
12 17	3 39.06	+13 21.5	1.584	2.485	11.5	21.9
12 27	3 33.54	+13 8.1	1.683	2.506	15.1	22.2

493124 2014 TG_{32} 11 24.3 340°.12 2°.5/22.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 22.53	+19 13.4	1.836	2.659	14.6	20.0
10 28	4 19.24	+17 54.4	1.749	2.648	11.3	19.7
11 7	4 13.62	+16 25.8	1.685	2.637	7.5	19.5
11 17	4 6.32	+14 51.8	1.647	2.627	3.6	19.2
11 27	3 58.31	+13 18.6	1.638	2.618	3.2	19.2
12 7	3 50.67	+11 53.2	1.657	2.609	7.0	19.4
12 17	3 44.40	+10 41.7	1.703	2.602	10.9	19.6
12 27	3 40.25	+ 9 48.0	1.773	2.595	14.5	19.8

141769 2002 NN_2 11 24.3 130°.91 5°.1/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 30.72	+39 39.7	2.765	3.493	12.6	20.6
10 28	4 24.99	+39 59.1	2.684	3.504	10.5	20.4
11 7	4 17.12	+40 4.8	2.624	3.514	8.2	20.3
11 17	4 7.75	+39 54.3	2.591	3.525	6.2	20.2
11 27	3 57.80	+39 26.9	2.585	3.535	5.1	20.1
12 7	3 48.28	+38 44.4	2.609	3.544	5.9	20.2
12 17	3 40.10	+37 50.8	2.662	3.554	7.8	20.3
12 27	3 33.93	+36 51.7	2.742	3.563	9.9	20.5

332969 2011 EZ_{80} 11 24.3 313°.18 4°.4/21.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 23.60	+ 9 18.4	2.242	3.053	12.7	20.6
10 28	4 19.54	+ 8 30.9	2.160	3.048	10.0	20.4
11 7	4 13.57	+ 7 44.8	2.102	3.043	7.1	20.3
11 17	4 6.25	+ 7 3.8	2.071	3.037	4.8	20.1
11 27	3 58.34	+ 6 31.8	2.069	3.033	4.8	20.1
12 7	3 50.72	+ 6 11.9	2.094	3.028	7.2	20.2
12 17	3 44.18	+ 6 5.7	2.147	3.023	10.1	20.4
12 27	3 39.38	+ 6 13.7	2.224	3.019	12.8	20.6

223855 2004 TR_{241} 11 24.3 99°.89 2°.4/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 27.92	+30 17.0	2.246	3.026	13.7	20.1
10 28	4 23.01	+30 3.3	2.166	3.033	10.9	20.0
11 7	4 15.89	+29 37.6	2.108	3.040	7.6	19.8
11 17	4 7.23	+28 59.6	2.076	3.047	4.2	19.6
11 27	3 58.00	+28 10.6	2.074	3.054	2.5	19.5
12 7	3 49.23	+27 14.1	2.101	3.061	5.0	19.7
12 17	3 41.85	+26 15.1	2.157	3.068	8.3	19.9
12 27	3 36.55	+25 18.8	2.240	3.075	11.3	20.1

11798 Davidsson 11 24.3 348°.98 10°.2/27.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 31.56	+40 5.3	1.431	2.207	20.3	17.1
10 28	4 28.18	+41 38.5	1.355	2.200	17.4	16.9
11 7	4 20.68	+42 54.3	1.296	2.194	14.2	16.7
11 17	4 9.75	+43 43.4	1.258	2.189	11.5	16.5
11 27	3 56.99	+43 58.7	1.243	2.185	10.2	16.4
12 7	3 44.62	+43 39.9	1.252	2.182	11.2	16.5
12 17	3 34.72	+42 53.1	1.283	2.180	13.9	16.6
12 27	3 28.75	+41 49.8	1.336	2.179	17.1	16.8

75763 2000 AV_{178} 11 24.3 179°.94 6°.2/21.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 27.55	+ 3 17.1	2.244	3.040	13.2	19.6
10 28	4 22.47	+ 2 26.4	2.170	3.041	10.7	19.5
11 7	4 15.44	+ 1 41.6	2.119	3.042	8.1	19.3
11 17	4 7.03	+ 1 7.1	2.095	3.042	6.4	19.2
11 27	3 58.07	+ 0 46.8	2.099	3.042	6.6	19.2
12 7	3 49.44	+ 0 43.3	2.131	3.041	8.5	19.3
12 17	3 41.96	+ 0 56.9	2.190	3.040	11.0	19.5
12 27	3 36.29	+ 1 26.9	2.272	3.039	13.5	19.7

22379 1994 CO_1 11 24.3 185°.75 2°.0/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 31.22	+17 41.8	1.732	2.543	15.9	19.4
10 28	4 26.04	+17 10.0	1.652	2.543	12.3	19.2
11 7	4 18.16	+16 33.2	1.594	2.543	8.2	18.9
11 17	4 8.30	+15 53.8	1.562	2.542	3.7	18.6
11 27	3 57.60	+15 15.2	1.558	2.541	2.6	18.6
12 7	3 47.36	+14 41.8	1.583	2.539	6.8	18.8
12 17	3 38.74	+14 17.3	1.635	2.537	11.1	19.1
12 27	3 32.63	+14 4.7	1.711	2.534	14.9	19.3

40466 1999 RU_{44} 11 24.3 61°.78 8°.2/20.9 18

10 18	4 28.02	+ 4 5.4	1.529	2.350	17.1	18.6
10 28	4 23.36	+ 2 36.5	1.485	2.371	13.8	18.4
11 7	4 16.18	+ 1 15.8	1.462	2.392	10.5	18.3
11 17	4 7.33	+ 0 10.8	1.463	2.413	8.4	18.2
11 27	3 58.00	− 0 32.0	1.490	2.434	8.7	18.3
12 7	3 49.39	− 0 49.3	1.543	2.455	11.0	18.5
12 17	3 42.51	− 0 41.3	1.620	2.476	13.9	18.7
12 27	3 38.04	− 0 10.7	1.717	2.498	16.6	19.0

522105 2015 YN_{27} 11 24.3 350°.15 4°.7/22.4 17

10 18	4 25.24	+ 7 48.2	2.048	2.860	13.7	20.9
10 28	4 20.97	+ 7 23.4	1.971	2.857	10.8	20.7
11 7	4 14.60	+ 7 2.9	1.916	2.855	7.7	20.5
11 17	4 6.72	+ 6 49.8	1.887	2.853	5.2	20.4
11 27	3 58.19	+ 6 47.2	1.887	2.852	5.0	20.4
12 7	3 49.97	+ 6 57.0	1.914	2.851	7.5	20.5
12 17	3 42.96	+ 7 19.8	1.968	2.850	10.6	20.7
12 27	3 37.87	+ 7 55.2	2.046	2.849	13.5	20.9

51596 2001 HU_{21} 11 24.3 189°.53 1°.0/23.8 18

10 18	4 28.74	+19 10.8	2.233	3.032	13.1	20.9
10 28	4 23.58	+18 50.3	2.146	3.031	10.2	20.7
11 7	4 16.28	+18 25.3	2.083	3.030	6.7	20.5
11 17	4 7.45	+17 57.0	2.048	3.028	2.9	20.3
11 27	3 57.96	+17 27.5	2.042	3.026	1.6	20.2
12 7	3 48.80	+16 59.8	2.066	3.023	5.3	20.4
12 17	3 40.87	+16 36.9	2.119	3.020	9.0	20.6
12 27	3 34.90	+16 21.6	2.197	3.016	12.1	20.8

98349 2000 ST_{309} 11 24.3 312°.36 2°.2/23.6 18

10 18	4 28.43	+17 56.3	1.269	2.106	19.0	19.8
10 28	4 24.97	+17 30.5	1.190	2.096	14.9	19.5
11 7	4 18.07	+16 58.9	1.131	2.086	9.9	19.2
11 17	4 8.47	+16 23.9	1.095	2.076	4.5	18.9
11 27	3 57.56	+15 49.5	1.083	2.067	3.0	18.8
12 7	3 47.09	+15 21.2	1.097	2.058	8.3	19.0
12 17	3 38.65	+15 3.8	1.135	2.050	13.7	19.3
12 27	3 33.40	+15 1.0	1.194	2.042	18.4	19.6

321975 2010 UC_{35} 11 24.3 20°.03 2°.8/25.7 18

10 18	4 27.81	+29 16.4	1.886	2.679	15.4	21.0
10 28	4 23.45	+29 19.7	1.806	2.682	12.2	20.8
11 7	4 16.47	+29 11.0	1.748	2.684	8.6	20.5
11 17	4 7.59	+28 49.2	1.714	2.687	4.8	20.3
11 27	3 57.92	+28 15.0	1.709	2.690	2.9	20.2
12 7	3 48.71	+27 31.6	1.732	2.693	5.7	20.4
12 17	3 41.08	+26 44.4	1.782	2.696	9.5	20.6
12 27	3 35.88	+25 58.9	1.857	2.700	13.0	20.9

353057 2009 DC_{54} 11 24.3 357°.12 1°.7/23.7 18

10 18	4 27.50	+17 43.5	1.640	2.462	16.1	21.5
10 28	4 23.35	+17 26.0	1.564	2.461	12.5	21.3
11 7	4 16.49	+17 4.6	1.509	2.460	8.3	21.0
11 17	4 7.63	+16 41.1	1.478	2.459	3.7	20.8
11 27	3 57.90	+16 18.5	1.475	2.459	2.3	20.7
12 7	3 48.61	+16 0.1	1.500	2.459	6.7	20.9
12 17	3 40.94	+15 49.2	1.551	2.460	11.1	21.2
12 27	3 35.77	+15 48.3	1.625	2.460	14.9	21.4

47560 2000 AD_{144} 11 24.3 259°.89 7°.7/19.7 18

10 18	4 23.83	− 2 43.9	2.465	3.251	12.4	19.2
10 28	4 19.54	− 3 47.5	2.387	3.241	10.5	19.0
11 7	4 13.52	− 4 42.6	2.332	3.231	8.7	18.9
11 17	4 6.24	− 5 24.1	2.303	3.222	7.7	18.8
11 27	3 58.41	− 5 47.7	2.302	3.212	8.0	18.8
12 7	3 50.83	− 5 51.0	2.327	3.202	9.5	18.9
12 17	3 44.21	− 5 33.7	2.377	3.192	11.5	19.0
12 27	3 39.16	− 4 57.4	2.449	3.181	13.5	19.1

49804 1999 XM_{35} 11 24.3 243°.34 0°.9/24.0 18

10 18	4 31.57	+19 7.0	1.685	2.496	16.2	19.7
10 28	4 26.65	+19 1.4	1.595	2.486	12.7	19.4
11 7	4 18.81	+18 51.2	1.526	2.475	8.4	19.2
11 17	4 8.71	+18 37.2	1.483	2.464	3.7	18.9
11 27	3 57.49	+18 21.0	1.467	2.452	1.8	18.7
12 7	3 46.57	+18 5.6	1.480	2.440	6.6	19.0
12 17	3 37.26	+17 54.6	1.520	2.428	11.3	19.2
12 27	3 30.60	+17 51.5	1.583	2.416	15.4	19.5

357303 2002 WE_{27} 11 24.3 17°.09 0°.4/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 26.25	+23 27.4	1.511	2.334	17.2	20.7
10 28	4 22.61	+23 10.7	1.442	2.338	13.4	20.5
11 7	4 16.09	+22 44.3	1.393	2.343	8.9	20.3
11 17	4 7.46	+22 9.0	1.368	2.349	3.9	20.0
11 27	3 57.99	+21 27.7	1.369	2.355	1.4	19.8
12 7	3 49.10	+20 45.0	1.398	2.362	6.4	20.2
12 17	3 42.03	+20 6.5	1.453	2.370	11.0	20.5
12 27	3 37.64	+19 36.8	1.530	2.379	15.0	20.7

113406 2002 SU_{24} 11 24.3 288°.58 7°.2/19.5 18

10 18	4 22.73	+ 0 53.0	2.369	3.168	12.5	19.6
10 28	4 18.78	− 0 27.0	2.289	3.157	10.3	19.5
11 7	4 13.06	− 1 41.5	2.234	3.147	8.3	19.3
11 17	4 6.06	− 2 44.9	2.205	3.137	7.2	19.2
11 27	3 58.50	− 3 32.1	2.203	3.126	7.6	19.2
12 7	3 51.19	− 3 59.7	2.229	3.116	9.3	19.3
12 17	3 44.86	− 4 6.5	2.279	3.106	11.5	19.5
12 27	3 40.14	− 3 53.1	2.352	3.095	13.7	19.6

520636 2014 PC_{74} 11 24.3 317°.01 1°.5/23.7 18

10 18	4 26.46	+17 36.2	2.050	2.860	13.8	21.9
10 28	4 22.02	+17 18.8	1.967	2.858	10.7	21.7
11 7	4 15.36	+16 58.2	1.907	2.856	7.0	21.5
11 17	4 7.09	+16 35.8	1.874	2.854	3.2	21.3
11 27	3 58.13	+16 14.0	1.869	2.852	2.0	21.2
12 7	3 49.50	+15 55.6	1.893	2.851	5.7	21.4
12 17	3 42.15	+15 43.3	1.946	2.849	9.5	21.6
12 27	3 36.83	+15 39.4	2.022	2.848	12.8	21.9

360905 2005 SN_{188} 11 24.3 160°.22 4°.7/26.5 18

10 18	4 33.01	+34 9.5	2.395	3.148	13.6	21.3
10 28	4 27.15	+34 55.8	2.309	3.152	11.2	21.1
11 7	4 18.82	+35 31.4	2.245	3.156	8.4	20.9
11 17	4 8.64	+35 52.8	2.208	3.159	5.8	20.8
11 27	3 57.58	+35 58.1	2.200	3.162	4.7	20.7
12 7	3 46.82	+35 48.2	2.221	3.165	6.1	20.8
12 17	3 37.45	+35 26.2	2.271	3.168	8.7	21.0
12 27	3 30.32	+34 57.5	2.346	3.170	11.3	21.2

172305 2002 TY_{239} 11 24.3 3°.54 2°.9/22.8 18

10 18	4 24.49	+18 43.1	1.510	2.341	16.8	19.2
10 28	4 21.14	+17 26.6	1.437	2.341	13.0	19.0
11 7	4 15.05	+16 0.8	1.387	2.341	8.6	18.7
11 17	4 7.01	+14 30.9	1.361	2.341	4.2	18.5
11 27	3 58.20	+13 4.0	1.363	2.343	3.6	18.5
12 7	3 49.95	+11 47.7	1.391	2.345	7.8	18.7
12 17	3 43.40	+10 48.1	1.445	2.348	12.2	19.0
12 27	3 39.37	+10 8.5	1.522	2.352	16.0	19.2

356159 2009 HC_{29} 11 24.3 307°.45 2°.3/23.4 18

10 18	4 26.61	+16 40.3	1.717	2.538	15.5	21.5
10 28	4 22.64	+16 11.7	1.631	2.527	12.1	21.3
11 7	4 16.06	+15 39.2	1.567	2.517	8.1	21.0
11 17	4 7.50	+15 5.3	1.528	2.508	3.8	20.8
11 27	3 58.02	+14 33.6	1.516	2.498	2.9	20.7
12 7	3 48.86	+14 7.8	1.533	2.489	7.0	20.9
12 17	3 41.19	+13 51.7	1.575	2.480	11.2	21.2
12 27	3 35.90	+13 47.6	1.641	2.471	15.0	21.4

226560 2003 WY_{51} 11 24.3 278°.11 2°.2/23.4 18

10 18	4 27.68	+13 13.2	2.623	3.418	11.5	19.9
10 28	4 22.67	+13 11.7	2.509	3.391	9.0	19.7
11 7	4 15.74	+13 11.1	2.419	3.363	6.1	19.4
11 17	4 7.31	+13 12.4	2.357	3.334	3.2	19.2
11 27	3 58.08	+13 17.1	2.326	3.305	2.5	19.1
12 7	3 48.90	+13 26.6	2.325	3.276	5.4	19.2
12 17	3 40.57	+13 42.1	2.354	3.246	8.6	19.4
12 27	3 33.84	+14 4.5	2.409	3.216	11.6	19.6

267271 2001 RC_{21} 11 24.3 55°.02 1°.6/23.8 18

10 18	4 31.39	+18 33.9	1.305	2.134	19.0	20.4
10 28	4 26.60	+18 12.3	1.255	2.156	14.6	20.2
11 7	4 18.65	+17 45.7	1.225	2.178	9.6	20.0
11 17	4 8.53	+17 16.3	1.219	2.200	4.2	19.7
11 27	3 57.73	+16 47.9	1.238	2.223	2.4	19.7
12 7	3 47.84	+16 24.6	1.285	2.245	7.4	20.0
12 17	3 40.13	+16 10.4	1.356	2.268	12.1	20.4
12 27	3 35.42	+16 7.7	1.450	2.291	16.0	20.7

168426 1998 SJ_{54} 11 24.3 74°.44 6°.6/27.1 18

10 18	4 34.19	+36 52.1	1.811	2.574	17.1	19.8
10 28	4 28.88	+37 46.4	1.738	2.583	14.2	19.7
11 7	4 20.34	+38 25.4	1.685	2.592	11.0	19.5
11 17	4 9.38	+38 43.6	1.656	2.601	8.0	19.3
11 27	3 57.36	+38 38.4	1.654	2.610	6.6	19.3
12 7	3 45.89	+38 11.3	1.678	2.620	7.9	19.4
12 17	3 36.41	+37 28.0	1.729	2.629	10.7	19.6
12 27	3 29.92	+36 36.6	1.804	2.638	13.7	19.8

49179 1998 SC_{67} 11 24.3 113°.80 1°.3/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 30.73	+17 14.5	2.074	2.874	14.0	20.0
10 28	4 25.10	+17 7.1	2.005	2.890	10.7	19.8
11 7	4 17.26	+16 57.3	1.959	2.906	7.1	19.6
11 17	4 7.89	+16 46.2	1.941	2.921	3.1	19.4
11 27	3 57.94	+16 35.5	1.952	2.936	1.9	19.3
12 7	3 48.48	+16 27.5	1.993	2.950	5.6	19.6
12 17	3 40.42	+16 24.3	2.063	2.964	9.2	19.8
12 27	3 34.46	+16 27.7	2.158	2.977	12.3	20.1

515832 2015 MV_{136} 11 24.3 78°.43 0°.3/24.2 18

10 18	4 29.00	+21 25.8	1.781	2.591	15.5	21.6
10 28	4 24.24	+21 9.0	1.710	2.600	12.0	21.4
11 7	4 16.92	+20 45.4	1.661	2.609	7.9	21.1
11 17	4 7.80	+20 16.1	1.638	2.619	3.4	20.9
11 27	3 57.98	+19 43.4	1.642	2.628	1.3	20.8
12 7	3 48.69	+19 11.0	1.676	2.637	5.9	21.1
12 17	3 41.01	+18 43.1	1.737	2.647	10.0	21.4
12 27	3 35.72	+18 23.1	1.822	2.656	13.6	21.6

456753 2007 TY_{79} 11 24.4 69°.45 8°.1/19.7 16

10 18	4 33.27	+17 52.6	0.946	1.796	23.0	20.4
10 28	4 28.84	+14 21.6	0.894	1.807	17.8	20.2
11 7	4 20.44	+10 32.0	0.863	1.818	12.3	19.9
11 17	4 9.35	+ 6 42.6	0.857	1.829	8.3	19.8
11 27	3 57.51	+ 3 17.2	0.877	1.840	9.6	19.9
12 7	3 46.96	+ 0 35.0	0.921	1.852	14.2	20.2
12 17	3 39.21	− 1 15.5	0.987	1.863	19.0	20.5
12 27	3 35.11	− 2 15.8	1.071	1.875	23.1	20.8

234742 2002 LM_{62} 11 24.4 340°.50 6°.7/21.7 18

10 18	4 26.40	− 0 2.3	2.258	3.050	13.2	20.2
10 28	4 21.64	− 0 31.3	2.184	3.049	10.9	20.0
11 7	4 14.96	− 0 51.0	2.132	3.048	8.6	19.9
11 17	4 6.92	− 0 57.6	2.107	3.047	7.0	19.8
11 27	3 58.31	− 0 48.0	2.109	3.046	7.0	19.8
12 7	3 50.01	− 0 20.8	2.139	3.045	8.7	19.9
12 17	3 42.83	+ 0 23.1	2.196	3.044	11.1	20.0
12 27	3 37.40	+ 1 21.9	2.276	3.044	13.4	20.2

384697 2011 HJ_{9} 11 24.4 107°.81 2°.0/23.7 18

10 18	4 31.89	+15 45.7	1.701	2.512	16.1	20.8
10 28	4 26.50	+15 38.5	1.632	2.523	12.4	20.6
11 7	4 18.45	+15 30.2	1.586	2.534	8.2	20.4
11 17	4 8.48	+15 22.0	1.565	2.545	3.8	20.2
11 27	3 57.76	+15 16.1	1.573	2.555	2.6	20.1
12 7	3 47.59	+15 14.9	1.609	2.566	6.6	20.4
12 17	3 39.10	+15 20.4	1.672	2.575	10.8	20.6
12 27	3 33.13	+15 34.3	1.759	2.585	14.4	20.9

108705 2001 OO_{18} 11 24.4 158°.59 4°.6/21.6 18

10 18	4 23.95	+ 5 59.8	2.677	3.476	11.2	20.3
10 28	4 19.45	+ 5 16.6	2.602	3.479	8.9	20.2
11 7	4 13.37	+ 4 37.1	2.551	3.481	6.6	20.0
11 17	4 6.20	+ 4 4.3	2.528	3.484	4.9	19.9
11 27	3 58.59	+ 3 41.5	2.534	3.486	4.9	19.9
12 7	3 51.25	+ 3 30.6	2.568	3.489	6.7	20.1
12 17	3 44.84	+ 3 32.8	2.631	3.491	9.1	20.2
12 27	3 39.89	+ 3 47.7	2.718	3.492	11.3	20.4

439353 2012 XU_{84} 11 24.4 50°.82 7°.3/21.1 17

10 18	4 27.65	+ 8 8.2	1.397	2.228	17.9	20.4
10 28	4 23.34	+ 6 31.5	1.352	2.249	14.1	20.2
11 7	4 16.32	+ 4 59.1	1.329	2.270	10.3	20.1
11 17	4 7.50	+ 3 39.1	1.330	2.291	7.6	20.0
11 27	3 58.17	+ 2 39.1	1.357	2.313	7.9	20.0
12 7	3 49.63	+ 2 3.8	1.409	2.335	10.6	20.3
12 17	3 42.96	+ 1 54.3	1.485	2.358	14.0	20.5
12 27	3 38.85	+ 2 8.5	1.582	2.380	17.0	20.8

356659 2011 UO_{72} 11 24.4 343°.59 0°.7/24.6 18

10 18	4 28.40	+22 5.4	1.664	2.479	16.2	20.9
10 28	4 24.24	+22 19.7	1.583	2.475	12.7	20.6
11 7	4 17.24	+22 28.5	1.522	2.471	8.5	20.4
11 17	4 8.07	+22 30.9	1.487	2.467	3.8	20.1
11 27	3 57.90	+22 27.4	1.479	2.464	1.4	19.9
12 7	3 48.09	+22 20.3	1.498	2.462	6.1	20.2
12 17	3 39.91	+22 12.8	1.544	2.459	10.6	20.5
12 27	3 34.34	+22 8.7	1.613	2.458	14.5	20.7

322996 2002 OT_{30} 11 24.4 141°.06 1°.1/23.6 18

10 18	4 25.41	+18 48.1	2.864	3.657	10.7	21.4
10 28	4 20.47	+18 13.1	2.785	3.667	8.2	21.2
11 7	4 13.99	+17 34.3	2.731	3.677	5.4	21.0
11 17	4 6.45	+16 53.2	2.706	3.686	2.4	20.9
11 27	3 58.52	+16 12.3	2.712	3.695	1.6	20.8
12 7	3 50.92	+15 34.2	2.749	3.704	4.4	21.0
12 17	3 44.27	+15 1.5	2.816	3.712	7.2	21.2
12 27	3 39.09	+14 36.1	2.910	3.720	9.7	21.4

417856 2007 JZ 11 24.4 71°.74 0°.1/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 34.76	+18 23.5	2.317	3.101	13.2	20.5
10 28	4 27.96	+19 7.6	2.254	3.130	10.1	20.3
11 7	4 19.04	+19 50.2	2.217	3.159	6.6	20.1
11 17	4 8.66	+20 29.9	2.208	3.187	2.9	19.9
11 27	3 57.74	+21 6.1	2.230	3.216	1.0	19.8
12 7	3 47.30	+21 38.6	2.284	3.244	4.7	20.2
12 17	3 38.22	+22 8.4	2.369	3.272	8.1	20.4
12 27	3 31.18	+22 37.3	2.481	3.299	10.9	20.6

280977 2006 DU_{49} 11 24.4 280°.13 1°.0/24.8 18

10 18	4 27.40	+24 4.9	2.317	3.110	12.9	21.1
10 28	4 22.82	+24 10.6	2.211	3.090	10.2	20.9
11 7	4 16.02	+24 10.2	2.127	3.070	6.9	20.7
11 17	4 7.50	+24 2.9	2.071	3.049	3.3	20.4
11 27	3 58.11	+23 49.3	2.044	3.029	1.4	20.2
12 7	3 48.85	+23 31.1	2.047	3.008	4.9	20.5
12 17	3 40.70	+23 11.3	2.078	2.987	8.6	20.7
12 27	3 34.50	+22 53.6	2.135	2.967	12.0	20.8

73365 2002 KN_{8} 11 24.4 97°.45 4°.9/22.5 18

10 18	4 28.59	+ 4 9.7	2.438	3.229	12.4	19.1
10 28	4 23.03	+ 3 56.4	2.375	3.246	9.9	19.0
11 7	4 15.71	+ 3 49.6	2.336	3.263	7.3	18.8
11 17	4 7.20	+ 3 51.9	2.324	3.280	5.2	18.7
11 27	3 58.27	+ 4 5.1	2.341	3.296	5.1	18.8
12 7	3 49.74	+ 4 30.1	2.389	3.313	7.0	18.9
12 17	3 42.33	+ 5 6.4	2.464	3.329	9.4	19.1
12 27	3 36.62	+ 5 52.9	2.565	3.345	11.7	19.3

24214 Jonchristo 11 24.4 79°.85 0°.3/24.2 18

10 18	4 27.02	+20 58.3	2.179	2.981	13.3	19.6
10 28	4 22.25	+20 43.6	2.107	2.993	10.3	19.5
11 7	4 15.40	+20 23.6	2.058	3.005	6.7	19.3
11 17	4 7.12	+19 59.3	2.036	3.017	2.9	19.0
11 27	3 58.30	+19 32.6	2.044	3.029	1.2	18.9
12 7	3 49.91	+19 6.3	2.081	3.041	5.0	19.2
12 17	3 42.80	+18 43.4	2.146	3.053	8.6	19.5
12 27	3 37.65	+18 26.9	2.237	3.065	11.6	19.7

99071 2001 FK_{11} 11 24.4 258°.43 4°.5/26.5 18

10 18	4 30.02	+33 57.2	2.358	3.119	13.6	19.7
10 28	4 24.97	+34 34.4	2.264	3.113	11.2	19.5
11 7	4 17.48	+35 0.8	2.193	3.107	8.4	19.3
11 17	4 8.14	+35 13.3	2.147	3.101	5.8	19.2
11 27	3 57.90	+35 10.2	2.129	3.095	4.5	19.1
12 7	3 47.90	+34 52.7	2.141	3.089	6.0	19.2
12 17	3 39.22	+34 24.1	2.181	3.082	8.7	19.3
12 27	3 32.71	+33 49.5	2.246	3.076	11.5	19.5

161827 2006 WX_{151} 11 24.4 53°.59 1°.3/25.0 18

10 18	4 27.93	+26 1.8	1.911	2.711	15.0	20.2
10 28	4 23.41	+25 48.8	1.833	2.716	11.7	20.0
11 7	4 16.41	+25 25.8	1.777	2.720	8.0	19.8
11 17	4 7.63	+24 52.5	1.746	2.724	3.8	19.5
11 27	3 58.13	+24 11.1	1.744	2.729	1.6	19.4
12 7	3 49.10	+23 25.1	1.771	2.734	5.4	19.7
12 17	3 41.60	+22 39.7	1.825	2.739	9.4	19.9
12 27	3 36.40	+21 59.5	1.904	2.743	12.9	20.1

449435 2013 HB_{116} 11 24.4 101°.33 0°.5/24.6 17

10 18	4 28.27	+22 40.9	2.091	2.891	13.9	22.5
10 28	4 23.43	+22 39.7	2.012	2.896	10.8	22.3
11 7	4 16.32	+22 32.4	1.956	2.901	7.2	22.1
11 17	4 7.57	+22 18.9	1.926	2.906	3.2	21.9
11 27	3 58.15	+22 0.6	1.926	2.911	1.1	21.7
12 7	3 49.12	+21 39.8	1.955	2.916	5.1	22.0
12 17	3 41.44	+21 19.9	2.012	2.921	8.9	22.2
12 27	3 35.86	+21 4.1	2.094	2.926	12.1	22.5

517553 2014 SD_{354} 11 24.4 112°.83 4°.0/22.0 18

10 18	4 25.27	+ 8 24.8	2.635	3.433	11.4	21.9
10 28	4 20.40	+ 7 43.0	2.570	3.449	8.9	21.7
11 7	4 13.96	+ 7 3.8	2.529	3.464	6.3	21.6
11 17	4 6.45	+ 6 30.0	2.516	3.479	4.3	21.5
11 27	3 58.57	+ 6 4.5	2.533	3.494	4.3	21.5
12 7	3 51.04	+ 5 49.6	2.579	3.508	6.2	21.7
12 17	3 44.50	+ 5 46.2	2.654	3.522	8.7	21.8
12 27	3 39.49	+ 5 54.5	2.753	3.536	11.0	22.0

263951 2009 HJ_{94} 11 24.4 136°.04 3°.9/22.4 18

10 18	4 27.47	+ 9 43.8	2.348	3.148	12.5	21.4
10 28	4 22.33	+ 9 5.2	2.277	3.159	9.8	21.2
11 7	4 15.34	+ 8 28.4	2.231	3.169	6.8	21.1
11 17	4 7.08	+ 7 56.5	2.212	3.179	4.4	20.9
11 27	3 58.34	+ 7 32.7	2.222	3.189	4.3	20.9
12 7	3 49.99	+ 7 19.2	2.263	3.198	6.6	21.1
12 17	3 42.78	+ 7 17.6	2.331	3.207	9.4	21.3
12 27	3 37.31	+ 7 27.9	2.424	3.215	12.0	21.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
398845 2013 CY_{39}		11 24.4 28°.58 2°.0/23.6 18				
	h m	° ′			°	m
10 18	4 28.33	+16 10.0	1.738	2.555	15.6	20.8
10 28	4 23.84	+15 58.7	1.663	2.557	12.1	20.6
11 7	4 16.77	+15 45.6	1.610	2.559	8.0	20.3
11 17	4 7.82	+15 32.4	1.582	2.562	3.7	20.1
11 27	3 58.07	+15 21.3	1.582	2.565	2.5	20.0
12 7	3 48.75	+15 15.2	1.610	2.568	6.6	20.3
12 17	3 40.96	+15 16.2	1.665	2.571	10.7	20.5
12 27	3 35.55	+15 26.3	1.744	2.574	14.3	20.8
223039 2002 TG_{50}		11 24.4 33°.85 3°.6/25.4 18				
10 18	4 32.18	+26 37.1	1.216	2.040	20.5	19.5
10 28	4 28.10	+27 22.5	1.157	2.050	16.2	19.3
11 7	4 20.21	+27 57.2	1.116	2.061	11.3	19.0
11 17	4 9.45	+28 17.4	1.097	2.072	6.2	18.8
11 27	3 57.49	+28 21.2	1.103	2.085	3.7	18.7
12 7	3 46.31	+28 11.1	1.134	2.098	7.7	18.9
12 17	3 37.60	+27 52.9	1.190	2.111	12.5	19.2
12 27	3 32.46	+27 33.8	1.267	2.125	16.8	19.5
461299 2015 XM_{134}		11 24.4 43°.95 0°.1/24.3 18				
10 18	4 26.38	+23 15.6	2.021	2.825	14.1	21.6
10 28	4 22.00	+22 39.6	1.942	2.829	11.0	21.4
11 7	4 15.37	+21 54.8	1.885	2.832	7.2	21.2
11 17	4 7.16	+21 2.6	1.855	2.836	3.1	20.9
11 27	3 58.32	+20 6.2	1.854	2.839	1.2	20.8
12 7	3 49.94	+19 10.1	1.882	2.843	5.3	21.1
12 17	3 42.93	+18 19.0	1.938	2.847	9.2	21.3
12 27	3 38.02	+17 36.8	2.019	2.851	12.6	21.5
254831 2005 QY_{155}		11 24.4 42°.71 4°.2/22.3 17				
10 18	4 26.70	+14 30.4	1.544	2.373	16.6	20.5
10 28	4 22.42	+13 13.0	1.497	2.397	12.8	20.3
11 7	4 15.63	+11 53.6	1.472	2.422	8.6	20.1
11 17	4 7.21	+10 37.9	1.472	2.447	4.9	20.0
11 27	3 58.34	+ 9 32.3	1.499	2.473	4.8	20.1
12 7	3 50.24	+ 8 42.0	1.554	2.499	8.1	20.3
12 17	3 43.85	+ 8 10.1	1.634	2.526	11.8	20.6
12 27	3 39.85	+ 7 57.1	1.737	2.553	15.0	20.9
218122 2002 PF_{113}		11 24.4 114°.13 14°.3/ 3.2 18				
10 18	4 50.93	+56 38.2	1.765	2.414	21.1	20.3
10 28	4 44.09	+58 15.5	1.703	2.428	19.2	20.2
11 7	4 31.63	+59 25.7	1.656	2.441	17.3	20.0
11 17	4 14.63	+59 57.0	1.626	2.454	15.6	20.0
11 27	3 55.64	+59 41.1	1.618	2.466	14.5	19.9
12 7	3 37.94	+58 38.6	1.631	2.479	14.4	19.9
12 17	3 24.21	+56 58.6	1.667	2.490	15.2	20.0
12 27	3 15.83	+54 56.1	1.723	2.501	16.7	20.2
42494 1991 UH_1		11 24.4 208°.77 1°.3/23.9 18				
10 18	4 30.46	+17 7.9	2.124	2.924	13.7	19.2
10 28	4 25.12	+17 4.9	2.034	2.919	10.6	18.9
11 7	4 17.48	+16 59.8	1.968	2.914	7.1	18.7
11 17	4 8.12	+16 53.5	1.929	2.909	3.2	18.5
11 27	3 57.97	+16 47.3	1.919	2.903	1.8	18.4
12 7	3 48.08	+16 43.2	1.939	2.896	5.6	18.6
12 17	3 39.48	+16 43.5	1.988	2.889	9.4	18.8
12 27	3 32.94	+16 50.2	2.062	2.882	12.8	19.0
9822 Hajduková		11 24.4 212°.49 0°.5/24.2 18				
10 18	4 31.84	+20 3.9	1.915	2.716	14.9	18.9
10 28	4 26.50	+19 56.0	1.825	2.710	11.6	18.7
11 7	4 18.55	+19 42.9	1.757	2.704	7.7	18.4
11 17	4 8.63	+19 25.2	1.716	2.696	3.4	18.2
11 27	3 57.79	+19 4.5	1.704	2.689	1.4	18.0
12 7	3 47.27	+18 43.7	1.721	2.681	5.9	18.3
12 17	3 38.21	+18 26.2	1.766	2.672	10.2	18.5
12 27	3 31.51	+18 15.4	1.836	2.662	13.8	18.7
119372 2001 SP_{292}		11 24.4 345°.02 4°.2/26.0 18				
10 18	4 30.12	+30 43.4	1.436	2.242	18.8	19.6
10 28	4 26.25	+30 58.9	1.358	2.239	15.2	19.4
11 7	4 18.92	+30 59.3	1.299	2.236	10.9	19.1
11 17	4 8.91	+30 41.1	1.263	2.233	6.4	18.8
11 27	3 57.70	+30 4.1	1.252	2.231	4.2	18.7
12 7	3 47.04	+29 12.3	1.268	2.230	7.3	18.9
12 17	3 38.50	+28 13.2	1.309	2.228	11.8	19.1
12 27	3 33.18	+27 15.5	1.372	2.227	16.0	19.4
402832 2007 FJ_{39}		11 24.4 110°.35 4°.2/26.6 17				
10 18	4 30.30	+33 32.5	2.308	3.071	13.8	20.8
10 28	4 25.05	+33 58.2	2.227	3.079	11.2	20.7
11 7	4 17.43	+34 12.2	2.169	3.086	8.3	20.5
11 17	4 8.09	+34 11.9	2.136	3.094	5.5	20.3
11 27	3 58.02	+33 56.8	2.132	3.101	4.2	20.3
12 7	3 48.36	+33 28.5	2.157	3.108	5.7	20.4
12 17	3 40.10	+32 51.1	2.210	3.115	8.5	20.6
12 27	3 34.04	+32 10.1	2.290	3.122	11.3	20.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
326309 1999 RF_2		11 24.4 99°.68 1°.8/23.7 18				
	h m	° ′			°	m
10 18	4 33.23	+18 12.3	1.522	2.338	17.5	21.3
10 28	4 27.73	+17 44.2	1.462	2.355	13.5	21.1
11 7	4 19.32	+17 11.3	1.423	2.372	8.8	20.8
11 17	4 8.89	+16 35.8	1.408	2.389	4.0	20.6
11 27	3 57.77	+16 1.2	1.422	2.405	2.5	20.5
12 7	3 47.40	+15 32.0	1.464	2.421	7.0	20.9
12 17	3 38.98	+15 11.9	1.532	2.437	11.4	21.2
12 27	3 33.33	+15 3.5	1.623	2.452	15.2	21.4
321535 2009 SC_{266}		11 24.4 159°.55 3°.3/25.9 17				
10 18	4 30.02	+30 41.6	2.461	3.230	12.9	20.9
10 28	4 24.70	+31 12.7	2.374	3.232	10.4	20.7
11 7	4 17.16	+31 34.9	2.310	3.235	7.5	20.5
11 17	4 7.98	+31 45.9	2.273	3.237	4.7	20.3
11 27	3 58.06	+31 44.8	2.265	3.239	3.4	20.3
12 7	3 48.42	+31 32.9	2.287	3.240	5.2	20.4
12 17	3 40.02	+31 13.0	2.337	3.242	8.1	20.6
12 27	3 33.63	+30 49.6	2.414	3.243	10.8	20.7
443281 2014 EB_{46}		11 24.4 246°.77 3°.9/22.8 18				
10 18	4 28.68	+12 18.7	1.763	2.579	15.4	21.7
10 28	4 24.11	+11 42.5	1.681	2.573	12.1	21.5
11 7	4 16.99	+11 6.2	1.620	2.567	8.3	21.3
11 17	4 7.96	+10 33.2	1.586	2.560	4.8	21.1
11 27	3 58.07	+10 7.4	1.579	2.553	4.4	21.0
12 7	3 48.53	+ 9 52.6	1.600	2.547	7.7	21.2
12 17	3 40.45	+ 9 51.0	1.647	2.540	11.6	21.4
12 27	3 34.70	+10 3.7	1.718	2.533	15.2	21.6
383668 2007 TB_{173}		11 24.4 127°.33 2°.7/23.1 16				
10 18	4 30.52	+14 12.1	2.091	2.892	13.8	22.1
10 28	4 24.88	+13 40.5	2.023	2.908	10.7	21.9
11 7	4 17.11	+13 7.7	1.978	2.923	7.1	21.7
11 17	4 7.88	+12 36.5	1.961	2.938	3.7	21.6
11 27	3 58.13	+12 9.6	1.974	2.951	3.2	21.5
12 7	3 48.87	+11 50.1	2.016	2.965	6.2	21.8
12 17	3 40.98	+11 40.0	2.087	2.977	9.6	22.0
12 27	3 35.12	+11 40.6	2.182	2.989	12.6	22.2
484471 2008 CA_{96}		11 24.4 283°.02 2°.5/23.3 18				
10 18	4 27.32	+15 14.0	1.907	2.720	14.5	21.6
10 28	4 23.01	+14 52.0	1.815	2.707	11.3	21.4
11 7	4 16.26	+14 28.1	1.745	2.693	7.6	21.1
11 17	4 7.66	+14 4.3	1.701	2.680	3.8	20.8
11 27	3 58.17	+13 43.7	1.685	2.666	3.0	20.8
12 7	3 48.92	+13 29.2	1.698	2.652	6.6	21.0
12 17	3 40.97	+13 23.5	1.738	2.638	10.6	21.2
12 27	3 35.21	+13 28.6	1.802	2.625	14.2	21.4
469329 1999 YJ_5		11 24.4 358°.81 28°.1/27.0 16				
10 18	3 57.89	+69 42.1	0.798	1.521	36.2	18.8
10 28	4 8.88	+72 37.2	0.761	1.508	35.6	18.7
11 7	4 12.48	+74 33.1	0.729	1.499	34.7	18.5
11 17	4 7.58	+75 15.8	0.701	1.495	33.5	18.4
11 27	3 58.18	+74 31.3	0.680	1.495	32.0	18.3
12 7	3 51.36	+72 14.5	0.666	1.500	30.4	18.2
12 17	3 51.38	+68 31.0	0.663	1.510	29.0	18.2
12 27	3 58.50	+63 38.8	0.672	1.524	28.1	18.2
273023 2006 DO_{98}		11 24.4 86°.93 4°.3/26.8 17				
10 18	4 29.75	+34 27.8	2.329	3.089	13.8	21.1
10 28	4 24.58	+34 49.1	2.252	3.100	11.2	20.9
11 7	4 17.09	+34 57.9	2.196	3.111	8.4	20.8
11 17	4 7.94	+34 51.8	2.167	3.122	5.6	20.6
11 27	3 58.12	+34 30.5	2.166	3.133	4.3	20.5
12 7	3 48.75	+33 56.1	2.194	3.144	5.7	20.6
12 17	3 40.80	+33 12.9	2.250	3.155	8.3	20.8
12 27	3 35.02	+32 26.2	2.333	3.165	11.0	21.0
37464 6352 $P–L$		11 24.4 106°.99 0°.6/24.1 18				
10 18	4 27.49	+20 11.5	2.168	2.970	13.4	19.8
10 28	4 22.67	+19 53.6	2.091	2.978	10.3	19.6
11 7	4 15.75	+19 30.7	2.039	2.986	6.8	19.4
11 17	4 7.34	+19 4.0	2.013	2.994	2.9	19.2
11 27	3 58.35	+18 35.6	2.016	3.001	1.3	19.1
12 7	3 49.77	+18 8.3	2.049	3.009	5.2	19.4
12 17	3 42.47	+17 45.4	2.111	3.016	8.8	19.6
12 27	3 37.14	+17 29.4	2.198	3.024	11.9	19.8
100121 1993 OP_7		11 24.4 104°.83 6°.0/22.1 18				
10 18	4 29.85	+ 4 16.1	2.017	2.816	14.3	20.0
10 28	4 24.35	+ 3 39.1	1.958	2.833	11.5	19.8
11 7	4 16.75	+ 3 9.1	1.922	2.850	8.5	19.7
11 17	4 7.74	+ 2 50.0	1.913	2.867	6.3	19.6
11 27	3 58.23	+ 2 45.1	1.931	2.883	6.3	19.6
12 7	3 49.24	+ 2 56.0	1.978	2.899	8.4	19.8
12 17	3 41.61	+ 3 22.6	2.051	2.915	11.1	20.0
12 27	3 36.00	+ 4 3.3	2.149	2.930	13.7	20.2

265529 2005 NY_{21} 11 24.4 183°.13 0°.4/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 32.78	+23 26.6	1.940	2.734	15.0	21.8
10 28	4 27.14	+23 9.8	1.855	2.736	11.7	21.5
11 7	4 18.90	+22 44.5	1.792	2.736	7.8	21.3
11 17	4 8.78	+22 11.0	1.756	2.735	3.5	21.0
11 27	3 57.84	+21 31.2	1.748	2.734	1.2	20.9
12 7	3 47.33	+20 48.9	1.771	2.732	5.6	21.2
12 17	3 38.38	+20 8.7	1.822	2.730	9.8	21.4
12 27	3 31.82	+19 35.2	1.898	2.726	13.4	21.6

140541 2001 TO_{185} 11 24.4 291°.44 0°.3/24.5 18

10 18	4 27.03	+23 13.3	1.937	2.743	14.6	20.3
10 28	4 22.83	+22 55.5	1.845	2.732	11.4	20.1
11 7	4 16.15	+22 29.3	1.775	2.722	7.6	19.9
11 17	4 7.63	+21 55.4	1.731	2.711	3.4	19.6
11 27	3 58.24	+21 15.6	1.715	2.701	1.2	19.4
12 7	3 49.16	+20 33.9	1.728	2.690	5.6	19.7
12 17	3 41.46	+19 54.6	1.768	2.680	9.8	19.9
12 27	3 36.00	+19 22.2	1.834	2.670	13.4	20.1

326765 2003 SJ_{164} 11 24.4 77°.76 7°.4/27.8 18

10 18	4 37.43	+41 31.9	2.338	3.057	14.8	20.4
10 28	4 30.97	+42 50.9	2.270	3.076	12.6	20.3
11 7	4 21.58	+43 55.2	2.223	3.095	10.3	20.1
11 17	4 10.00	+44 39.1	2.201	3.114	8.3	20.1
11 27	3 57.40	+44 59.3	2.206	3.133	7.4	20.0
12 7	3 45.23	+44 56.0	2.240	3.152	8.0	20.1
12 17	3 34.76	+44 33.2	2.300	3.171	9.7	20.3
12 27	3 26.99	+43 57.7	2.386	3.190	11.8	20.4

23566 1994 WS_1 11 24.4 346°.41 3°.4/26.2 18

10 18	4 25.69	+31 18.8	1.772	2.569	16.1	17.9
10 28	4 22.16	+31 13.6	1.686	2.562	13.0	17.6
11 7	4 15.88	+30 53.5	1.621	2.556	9.3	17.4
11 17	4 7.53	+30 17.0	1.580	2.550	5.5	17.2
11 27	3 58.29	+29 25.2	1.566	2.545	3.4	17.0
12 7	3 49.48	+28 22.1	1.579	2.541	6.1	17.2
12 17	3 42.31	+27 14.3	1.619	2.538	10.0	17.4
12 27	3 37.68	+26 9.0	1.684	2.535	13.7	17.6

311633 2006 QC_{130} 11 24.4 59°.72 0°.7/24.7 18

10 18	4 28.86	+24 14.1	1.730	2.538	16.0	20.9
10 28	4 24.25	+23 56.9	1.663	2.550	12.4	20.7
11 7	4 17.02	+23 30.4	1.616	2.563	8.3	20.5
11 17	4 7.94	+22 55.1	1.595	2.575	3.7	20.2
11 27	3 58.18	+22 13.5	1.602	2.588	1.3	20.1
12 7	3 49.02	+21 29.9	1.637	2.601	5.8	20.4
12 17	3 41.54	+20 49.1	1.700	2.613	10.0	20.7
12 27	3 36.53	+20 15.7	1.786	2.626	13.6	20.9

228470 2001 SK_2 11 24.4 27°.09 1°.3/24.8 16

10 18	4 28.20	+23 51.4	1.093	1.935	21.1	20.0
10 28	4 25.04	+23 58.4	1.042	1.948	16.4	19.7
11 7	4 18.14	+23 54.6	1.009	1.963	11.0	19.5
11 17	4 8.55	+23 39.5	0.998	1.979	5.1	19.2
11 27	3 58.00	+23 15.1	1.010	1.996	1.9	19.1
12 7	3 48.38	+22 46.4	1.048	2.014	7.5	19.5
12 17	3 41.23	+22 19.5	1.108	2.034	12.8	19.8
12 27	3 37.53	+22 0.1	1.189	2.054	17.2	20.1

291195 2006 AR_{63} 11 24.4 356°.00 3°.5/26.4 18

10 18	4 22.95	+32 0.1	2.164	2.950	13.9	19.5
10 28	4 19.58	+32 8.0	2.077	2.945	11.2	19.3
11 7	4 13.95	+32 3.8	2.012	2.941	8.2	19.1
11 17	4 6.66	+31 46.2	1.972	2.937	5.1	18.9
11 27	3 58.63	+31 15.3	1.959	2.935	3.5	18.8
12 7	3 50.95	+30 33.9	1.975	2.933	5.4	19.0
12 17	3 44.56	+29 46.2	2.018	2.933	8.6	19.1
12 27	3 40.24	+28 57.5	2.086	2.933	11.6	19.3

321286 2009 FL_{14} 11 24.4 165°.34 4°.9/22.1 18

10 18	4 27.03	+ 9 25.0	1.941	2.754	14.3	21.1
10 28	4 22.49	+ 8 34.1	1.867	2.755	11.3	20.9
11 7	4 15.74	+ 7 44.9	1.815	2.756	8.0	20.7
11 17	4 7.40	+ 7 1.7	1.790	2.756	5.3	20.5
11 27	3 58.40	+ 6 28.8	1.792	2.757	5.3	20.5
12 7	3 49.79	+ 6 9.8	1.823	2.758	7.9	20.7
12 17	3 42.50	+ 6 6.4	1.880	2.758	11.2	20.9
12 27	3 37.26	+ 6 18.9	1.960	2.758	14.2	21.1

196660 2003 SQ_{40} 11 24.4 326°.25 4°.9/26.9 17

10 18	4 29.35	+35 22.0	2.261	3.021	14.2	20.0
10 28	4 24.56	+35 53.6	2.172	3.019	11.7	19.8
11 7	4 17.28	+36 12.6	2.105	3.017	8.9	19.6
11 17	4 8.13	+36 16.0	2.063	3.015	6.2	19.4
11 27	3 58.12	+36 2.4	2.049	3.013	4.9	19.4
12 7	3 48.43	+35 33.3	2.064	3.011	6.3	19.4
12 17	3 40.16	+34 52.9	2.106	3.009	8.9	19.6
12 27	3 34.16	+34 6.8	2.174	3.007	11.7	19.8

86638 2000 EQ_{134} 11 24.4 167°.13 0°.3/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 32.84	+22 3.3	1.927	2.724	15.0	20.2
10 28	4 27.19	+22 4.0	1.846	2.728	11.7	20.0
11 7	4 18.96	+21 58.5	1.787	2.732	7.8	19.8
11 17	4 8.83	+21 46.8	1.755	2.735	3.4	19.5
11 27	3 57.89	+21 29.7	1.752	2.737	1.2	19.4
12 7	3 47.37	+21 10.0	1.778	2.739	5.6	19.7
12 17	3 38.39	+20 51.3	1.833	2.741	9.7	19.9
12 27	3 31.80	+20 37.2	1.912	2.741	13.3	20.2

70009 1998 XM_{53} 11 24.4 351°.89 7°.9/29.8 18

10 18	4 29.66	+44 50.6	1.945	2.677	17.0	17.4
10 28	4 25.45	+44 59.9	1.858	2.672	14.7	17.2
11 7	4 18.12	+44 46.5	1.789	2.668	12.0	17.0
11 17	4 8.52	+44 5.8	1.743	2.665	9.5	16.9
11 27	3 58.02	+42 56.2	1.722	2.663	8.0	16.8
12 7	3 48.19	+41 21.5	1.728	2.661	8.5	16.8
12 17	3 40.34	+39 29.5	1.760	2.659	10.6	16.9
12 27	3 35.38	+37 30.8	1.818	2.659	13.3	17.1

356179 2009 HS_{95} 11 24.4 180°.55 4°.9/21.9 18

10 18	4 26.96	+ 7 26.0	2.272	3.074	12.9	21.3
10 28	4 22.11	+ 6 40.6	2.194	3.075	10.2	21.1
11 7	4 15.34	+ 5 58.4	2.141	3.075	7.4	20.9
11 17	4 7.20	+ 5 22.8	2.114	3.075	5.2	20.8
11 27	3 58.49	+ 4 57.6	2.116	3.075	5.2	20.8
12 7	3 50.11	+ 4 45.5	2.147	3.074	7.4	20.9
12 17	3 42.84	+ 4 47.7	2.205	3.073	10.2	21.1
12 27	3 37.36	+ 5 4.1	2.287	3.072	12.8	21.3

485769 2012 CL_{27} 11 24.4 287°.01 1°.5/23.8 17

10 18	4 27.14	+17 11.5	2.015	2.825	14.0	22.2
10 28	4 22.78	+17 0.1	1.923	2.814	10.9	21.9
11 7	4 16.08	+16 46.1	1.853	2.802	7.2	21.7
11 17	4 7.62	+16 30.6	1.810	2.790	3.3	21.4
11 27	3 58.32	+16 15.8	1.795	2.779	2.1	21.3
12 7	3 49.25	+16 4.3	1.809	2.767	5.9	21.6
12 17	3 41.44	+15 58.4	1.851	2.756	9.8	21.8
12 27	3 35.71	+16 0.6	1.917	2.744	13.3	22.0

233464 2006 KD_{18} 11 24.4 292°.47 6°.3/20.4 17

10 18	4 23.44	+ 4 36.3	2.250	3.057	12.8	20.8
10 28	4 19.53	+ 3 23.3	2.165	3.044	10.4	20.7
11 7	4 13.72	+ 2 13.5	2.104	3.031	8.0	20.5
11 17	4 6.53	+ 1 12.2	2.070	3.018	6.4	20.4
11 27	3 58.72	+ 0 24.4	2.063	3.005	6.7	20.4
12 7	3 51.15	− 0 6.0	2.084	2.993	8.7	20.5
12 17	3 44.60	− 0 17.2	2.131	2.980	11.3	20.6
12 27	3 39.76	− 0 9.4	2.201	2.968	13.8	20.8

231842 2000 QW_{242} 11 24.4 264°.27 0°.9/24.0 18

10 18	4 29.28	+19 55.4	1.749	2.561	15.7	21.2
10 28	4 24.82	+19 34.8	1.658	2.549	12.2	21.0
11 7	4 17.64	+19 8.0	1.588	2.537	8.1	20.7
11 17	4 8.36	+18 35.9	1.544	2.525	3.6	20.4
11 27	3 58.07	+18 1.4	1.528	2.513	1.8	20.2
12 7	3 48.08	+17 28.3	1.540	2.501	6.4	20.5
12 17	3 39.60	+17 0.9	1.580	2.488	10.9	20.8
12 27	3 33.60	+16 43.1	1.642	2.475	14.9	21.0

478739 2012 UJ_{73} 11 24.4 90°.22 0°.6/24.6 16

10 18	4 33.36	+22 48.7	1.690	2.493	16.5	22.0
10 28	4 27.70	+22 49.2	1.628	2.513	12.8	21.8
11 7	4 19.28	+22 42.3	1.588	2.533	8.5	21.6
11 17	4 8.94	+22 27.8	1.573	2.553	3.8	21.4
11 27	3 57.92	+22 7.2	1.587	2.572	1.3	21.2
12 7	3 47.59	+21 43.8	1.629	2.591	5.9	21.6
12 17	3 39.09	+21 21.7	1.699	2.610	10.1	21.9
12 27	3 33.24	+21 5.0	1.793	2.628	13.7	22.2

228858 2003 GL 11 24.4 344°.70 19°.9/10.5 18

10 18	4 22.84	− 4 8.5	0.868	1.725	24.0	18.7
10 28	4 21.31	− 8 43.5	0.829	1.718	21.5	18.5
11 7	4 15.96	−13 2.5	0.809	1.711	20.1	18.4
11 17	4 7.73	−16 38.7	0.809	1.706	20.3	18.4
11 27	3 58.32	−19 10.1	0.826	1.702	22.1	18.5
12 7	3 49.66	−20 28.0	0.860	1.699	24.6	18.7
12 17	3 43.39	−20 35.8	0.906	1.697	27.3	18.9
12 27	3 40.59	−19 44.8	0.962	1.697	29.6	19.1

350476 1999 RH_{73} 11 24.4 29°.41 0°.8/24.7 16

10 18	4 27.42	+24 36.6	1.120	1.960	20.8	20.1
10 28	4 24.15	+24 15.2	1.075	1.981	16.1	19.9
11 7	4 17.36	+23 40.9	1.049	2.003	10.7	19.7
11 17	4 8.15	+22 55.2	1.045	2.027	4.8	19.4
11 27	3 58.23	+22 2.6	1.066	2.051	1.6	19.3
12 7	3 49.35	+21 9.9	1.111	2.077	7.2	19.7
12 17	3 42.87	+20 24.0	1.180	2.104	12.3	20.1
12 27	3 39.61	+19 50.2	1.271	2.132	16.5	20.5

329483 2002 QP_{108} 11 24.4 310°.67 5°.7/21.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 24.35	+ 4 33.0	2.271	3.076	12.8	20.9
10 28	4 20.14	+ 3 45.4	2.194	3.072	10.3	20.7
11 7	4 14.07	+ 3 2.7	2.141	3.069	7.8	20.5
11 17	4 6.67	+ 2 29.1	2.113	3.066	6.0	20.4
11 27	3 58.70	+ 2 8.5	2.114	3.063	6.1	20.4
12 7	3 51.02	+ 2 3.3	2.143	3.060	8.0	20.5
12 17	3 44.40	+ 2 14.4	2.198	3.057	10.6	20.7
12 27	3 39.48	+ 2 40.9	2.276	3.054	13.1	20.9

117749 2005 GG_{46} 11 24.4 273°.81 0°.6/24.6 18

10 18	4 28.92	+23 14.0	1.833	2.639	15.3	20.6
10 28	4 24.39	+23 7.4	1.749	2.636	12.0	20.3
11 7	4 17.24	+22 53.0	1.687	2.633	8.0	20.1
11 17	4 8.14	+22 30.9	1.650	2.630	3.6	19.8
11 27	3 58.17	+22 2.6	1.642	2.627	1.2	19.7
12 7	3 48.59	+21 31.5	1.662	2.625	5.7	20.0
12 17	3 40.53	+21 1.8	1.709	2.622	10.0	20.2
12 27	3 34.88	+20 37.7	1.781	2.619	13.7	20.4

223883 2004 VC_{1} 11 24.4 38°.07 2°.8/23.4 18

10 18	4 27.05	+13 17.2	1.916	2.730	14.4	19.5
10 28	4 22.55	+13 6.5	1.846	2.738	11.2	19.3
11 7	4 15.80	+12 56.6	1.799	2.747	7.5	19.1
11 17	4 7.44	+12 49.4	1.778	2.755	3.9	18.9
11 27	3 58.44	+12 47.3	1.785	2.764	3.2	18.9
12 7	3 49.86	+12 52.0	1.821	2.774	6.4	19.1
12 17	3 42.65	+13 5.0	1.884	2.783	10.0	19.3
12 27	3 37.54	+13 27.0	1.971	2.793	13.2	19.6

339958 2005 UY_{162} 11 24.4 177°.35 0°.2/24.3 18

10 18	4 31.49	+22 13.3	1.926	2.725	14.9	21.5
10 28	4 26.12	+21 48.1	1.843	2.727	11.6	21.3
11 7	4 18.24	+21 14.9	1.782	2.728	7.7	21.1
11 17	4 8.53	+20 34.7	1.749	2.729	3.3	20.8
11 27	3 58.06	+19 50.0	1.744	2.729	1.3	20.7
12 7	3 48.04	+19 5.0	1.769	2.729	5.7	21.0
12 17	3 39.54	+18 24.3	1.822	2.728	9.9	21.2
12 27	3 33.38	+17 51.9	1.900	2.727	13.4	21.4

1783 Albitskij 11 24.4 289°.32 5°.4/21.5 18

10 18	4 25.77	+10 11.0	1.812	2.632	14.9	16.2
10 28	4 21.85	+ 8 58.7	1.725	2.618	11.8	16.0
11 7	4 15.54	+ 7 45.2	1.661	2.603	8.5	15.8
11 17	4 7.42	+ 6 36.0	1.623	2.589	5.8	15.6
11 27	3 58.47	+ 5 37.2	1.612	2.575	6.0	15.6
12 7	3 49.80	+ 4 54.4	1.628	2.561	8.9	15.7
12 17	3 42.46	+ 4 30.7	1.670	2.547	12.4	15.9
12 27	3 37.30	+ 4 27.2	1.735	2.534	15.7	16.1

114505 2003 AO_{78} 11 24.4 355°.72 3°.0/23.1 18

10 18	4 26.45	+14 33.0	1.806	2.625	15.0	20.1
10 28	4 22.32	+14 0.8	1.729	2.624	11.6	19.9
11 7	4 15.79	+13 26.9	1.674	2.623	7.8	19.7
11 17	4 7.50	+12 54.3	1.645	2.622	4.1	19.4
11 27	3 58.46	+12 26.5	1.643	2.622	3.5	19.4
12 7	3 49.81	+12 7.0	1.670	2.622	6.9	19.6
12 17	3 42.57	+11 58.4	1.723	2.622	10.8	19.9
12 27	3 37.56	+12 2.3	1.799	2.622	14.2	20.1

139026 2001 DB_{75} 11 24.4 196°.89 0°.0/24.4 18

10 18	4 32.88	+22 4.2	1.904	2.701	15.1	20.7
10 28	4 27.33	+21 48.4	1.816	2.698	11.8	20.5
11 7	4 19.14	+21 25.2	1.750	2.695	7.9	20.2
11 17	4 8.98	+20 55.0	1.711	2.691	3.4	19.9
11 27	3 57.93	+20 19.7	1.700	2.686	1.2	19.8
12 7	3 47.28	+19 43.0	1.720	2.681	5.8	20.1
12 17	3 38.16	+19 9.2	1.768	2.674	10.1	20.3
12 27	3 31.46	+18 42.6	1.840	2.667	13.8	20.5

400671 2009 MR_{9} 11 24.4 147°.88 2°.7/23.0 18

10 18	4 27.98	+12 19.1	2.583	3.378	11.7	22.0
10 28	4 22.65	+11 58.4	2.506	3.387	9.0	21.9
11 7	4 15.58	+11 38.3	2.455	3.396	6.1	21.7
11 17	4 7.30	+11 20.6	2.431	3.405	3.4	21.5
11 27	3 58.55	+11 7.6	2.438	3.413	3.0	21.5
12 7	3 50.12	+11 1.0	2.475	3.420	5.5	21.7
12 17	3 42.73	+11 2.3	2.542	3.427	8.3	21.9
12 27	3 36.98	+11 12.1	2.634	3.434	10.9	22.1

421157 2013 RL_{40} 11 24.4 127°.08 3°.4/25.7 16

10 18	4 37.17	+29 13.8	1.638	2.425	17.6	21.7
10 28	4 31.09	+29 35.5	1.568	2.439	14.0	21.5
11 7	4 21.79	+29 44.8	1.518	2.452	9.9	21.3
11 17	4 10.14	+29 38.8	1.494	2.465	5.6	21.1
11 27	3 57.56	+29 16.9	1.497	2.477	3.5	21.0
12 7	3 45.67	+28 42.5	1.529	2.488	6.6	21.2
12 17	3 35.86	+28 1.4	1.587	2.499	10.7	21.5
12 27	3 29.09	+27 20.9	1.670	2.509	14.4	21.7

9343 1991 PO_{11} 11 24.4 110°.83 3°.4/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 31.18	+14 58.3	1.611	2.428	16.6	17.7
10 28	4 26.04	+14 8.5	1.547	2.440	12.8	17.5
11 7	4 18.22	+13 15.9	1.504	2.452	8.6	17.3
11 17	4 8.52	+12 24.5	1.487	2.464	4.5	17.1
11 27	3 58.14	+11 39.1	1.498	2.476	4.0	17.1
12 7	3 48.40	+11 4.3	1.537	2.487	7.7	17.4
12 17	3 40.40	+10 43.5	1.602	2.497	11.7	17.6
12 27	3 34.95	+10 38.2	1.690	2.508	15.2	17.9

316998 2001 PZ_{18} 11 24.4 110°.91 2°.8/23.5 18

10 18	4 32.77	+13 57.2	1.668	2.480	16.3	20.7
10 28	4 27.24	+13 43.7	1.602	2.493	12.7	20.5
11 7	4 19.02	+13 30.4	1.558	2.505	8.5	20.2
11 17	4 8.88	+13 19.3	1.540	2.518	4.3	20.0
11 27	3 58.02	+13 12.9	1.549	2.529	3.3	20.0
12 7	3 47.73	+13 13.7	1.588	2.541	7.1	20.3
12 17	3 39.16	+13 23.3	1.653	2.552	11.1	20.5
12 27	3 33.12	+13 42.8	1.741	2.563	14.7	20.8

197282 2003 WP_{104} 11 24.4 203°.89 0°.8/25.0 18

10 18	4 27.15	+27 31.5	2.555	3.335	12.2	19.4
10 28	4 22.19	+26 39.4	2.462	3.334	9.5	19.2
11 7	4 15.35	+25 36.1	2.393	3.332	6.4	19.0
11 17	4 7.22	+24 22.6	2.353	3.331	3.0	18.8
11 27	3 58.60	+23 2.0	2.344	3.329	1.1	18.6
12 7	3 50.38	+21 38.8	2.366	3.327	4.4	18.9
12 17	3 43.32	+20 18.0	2.418	3.325	7.7	19.1
12 27	3 38.03	+19 4.6	2.498	3.323	10.7	19.3

438354 2006 SF_{56} 11 24.4 15°.17 7°.7/22.8 18

10 18	4 23.53	+ 5 34.1	1.083	1.937	20.4	19.2
10 28	4 21.06	+ 5 2.1	1.040	1.948	16.3	19.0
11 7	4 15.35	+ 4 41.5	1.015	1.962	11.9	18.8
11 17	4 7.36	+ 4 38.1	1.011	1.977	8.4	18.7
11 27	3 58.57	+ 4 56.6	1.029	1.995	8.1	18.7
12 7	3 50.59	+ 5 37.4	1.071	2.014	11.0	19.0
12 17	3 44.70	+ 6 38.1	1.134	2.036	14.9	19.2
12 27	3 41.78	+ 7 54.3	1.218	2.059	18.5	19.5

511816 2015 FU_{149} 11 24.4 188°.49 3°.6/23.0 18

10 18	4 30.96	+13 39.2	1.660	2.476	16.2	22.2
10 28	4 26.01	+13 2.9	1.583	2.475	12.7	22.0
11 7	4 18.34	+12 25.3	1.528	2.475	8.6	21.8
11 17	4 8.65	+11 49.8	1.498	2.474	4.7	21.5
11 27	3 58.09	+11 20.4	1.496	2.473	4.1	21.5
12 7	3 47.98	+11 1.0	1.521	2.471	7.7	21.7
12 17	3 39.49	+10 54.5	1.573	2.469	11.9	22.0
12 27	3 33.52	+11 2.1	1.648	2.467	15.5	22.2

220059 2002 RO_{122} 11 24.4 69°.88 1°.8/24.9 18

10 18	4 35.16	+23 27.6	1.390	2.203	18.9	20.3
10 28	4 29.86	+24 1.3	1.329	2.218	14.8	20.1
11 7	4 21.14	+24 27.9	1.287	2.233	10.0	19.8
11 17	4 9.91	+24 44.9	1.270	2.249	4.8	19.6
11 27	3 57.67	+24 51.6	1.280	2.264	2.2	19.5
12 7	3 46.18	+24 49.9	1.316	2.280	6.8	19.8
12 17	3 36.91	+24 44.2	1.379	2.295	11.6	20.1
12 27	3 30.86	+24 39.6	1.464	2.311	15.6	20.4

226668 2004 GS_{44} 11 24.4 137°.75 1°.5/25.0 18

10 18	4 33.56	+25 29.9	1.814	2.608	15.9	21.2
10 28	4 27.91	+25 29.5	1.740	2.618	12.5	21.0
11 7	4 19.51	+25 19.8	1.687	2.628	8.5	20.8
11 17	4 9.12	+24 59.8	1.659	2.637	4.1	20.6
11 27	3 57.95	+24 30.7	1.661	2.645	1.7	20.4
12 7	3 47.33	+23 55.8	1.691	2.653	5.7	20.7
12 17	3 38.43	+23 20.0	1.750	2.661	9.9	21.0
12 27	3 32.12	+22 48.4	1.833	2.668	13.5	21.2

156649 2002 JM_{54} 11 24.4 253°.17 1°.1/25.1 17

10 18	4 26.84	+26 20.9	2.305	3.094	13.1	19.9
10 28	4 22.29	+25 59.1	2.211	3.088	10.3	19.7
11 7	4 15.62	+25 27.7	2.141	3.082	7.0	19.5
11 17	4 7.41	+24 46.8	2.098	3.075	3.4	19.3
11 27	3 58.54	+23 58.4	2.084	3.069	1.3	19.1
12 7	3 49.98	+23 5.8	2.100	3.062	4.8	19.4
12 17	3 42.65	+22 13.5	2.145	3.056	8.4	19.6
12 27	3 37.25	+21 26.0	2.216	3.049	11.5	19.8

237912 2002 PU_{77} 11 24.4 132°.73 0°.6/24.2 18

10 18	4 31.31	+19 22.3	2.273	3.066	13.1	21.4
10 28	4 25.49	+19 17.8	2.200	3.080	10.1	21.2
11 7	4 17.58	+19 9.5	2.150	3.094	6.7	21.0
11 17	4 8.21	+18 58.1	2.127	3.108	2.9	20.8
11 27	3 58.28	+18 45.0	2.135	3.120	1.3	20.7
12 7	3 48.78	+18 32.2	2.174	3.132	5.0	21.0
12 17	3 40.58	+18 22.3	2.241	3.144	8.5	21.2
12 27	3 34.35	+18 17.5	2.335	3.155	11.5	21.4

326842 2003 UV_{111} 11 24.4 20°.46 0°.1/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 29.14	+20 10.9	1.037	1.885	21.5	20.1
10 28	4 26.07	+20 28.6	0.981	1.892	16.8	19.8
11 7	4 19.09	+20 41.1	0.943	1.899	11.2	19.6
11 17	4 9.15	+20 47.6	0.925	1.908	4.9	19.2
11 27	3 57.97	+20 49.2	0.932	1.918	1.7	19.1
12 7	3 47.62	+20 48.9	0.962	1.929	8.0	19.5
12 17	3 39.79	+20 50.8	1.015	1.941	13.6	19.9
12 27	3 35.61	+20 59.1	1.088	1.954	18.4	20.2

170533 2003 WW_{96} 11 24.4 233°.38 2°.8/22.7 18

10 18	4 27.78	+16 51.4	2.018	2.827	14.0	20.4
10 28	4 23.14	+15 45.4	1.929	2.819	10.9	20.2
11 7	4 16.25	+14 33.2	1.864	2.812	7.3	19.9
11 17	4 7.71	+13 18.4	1.826	2.804	3.8	19.7
11 27	3 58.47	+12 6.1	1.818	2.795	3.4	19.7
12 7	3 49.57	+11 1.7	1.838	2.787	6.8	19.9
12 17	3 41.98	+10 9.8	1.887	2.778	10.5	20.1
12 27	3 36.46	+ 9 33.5	1.960	2.769	13.8	20.3

147031 2002 RX_{31} 11 24.4 78°.01 0°.9/24.1 18

10 18	4 33.36	+20 42.6	1.424	2.242	18.3	20.1
10 28	4 28.02	+20 14.2	1.369	2.264	14.1	19.9
11 7	4 19.62	+19 38.3	1.335	2.285	9.3	19.6
11 17	4 9.15	+18 56.9	1.326	2.307	4.0	19.4
11 27	3 58.02	+18 13.8	1.343	2.328	1.8	19.3
12 7	3 47.76	+17 34.0	1.388	2.350	6.9	19.7
12 17	3 39.60	+17 2.3	1.460	2.370	11.5	20.0
12 27	3 34.36	+16 42.5	1.554	2.391	15.4	20.3

178483 1999 TG_{50} 11 24.4 257°.61 5°.1/22.2 18

10 18	4 29.08	+12 6.1	1.524	2.349	17.0	20.5
10 28	4 24.84	+11 2.5	1.445	2.341	13.4	20.2
11 7	4 17.73	+ 9 56.9	1.387	2.334	9.3	20.0
11 17	4 8.46	+ 8 54.6	1.354	2.326	5.8	19.8
11 27	3 58.20	+ 8 2.2	1.347	2.318	5.7	19.7
12 7	3 48.36	+ 7 25.3	1.367	2.310	9.2	19.9
12 17	3 40.19	+ 7 7.6	1.412	2.302	13.4	20.1
12 27	3 34.66	+ 7 10.1	1.479	2.294	17.2	20.4

124475 2001 RX_{6} 11 24.4 16°.69 1°.9/24.9 18

10 18	4 27.91	+24 16.9	1.149	1.988	20.5	18.9
10 28	4 24.92	+24 36.6	1.089	1.993	16.1	18.7
11 7	4 18.23	+24 46.3	1.047	1.999	10.9	18.4
11 17	4 8.76	+24 44.5	1.027	2.007	5.3	18.1
11 27	3 58.11	+24 31.6	1.031	2.016	2.3	17.9
12 7	3 48.21	+24 11.6	1.059	2.026	7.4	18.3
12 17	3 40.67	+23 50.1	1.111	2.037	12.7	18.6
12 27	3 36.56	+23 33.3	1.184	2.050	17.2	18.9

427832 2005 JO_{111} 11 24.4 144°.59 4°.5/22.6 18

10 18	4 31.46	+11 29.7	1.679	2.493	16.2	21.4
10 28	4 26.23	+10 42.7	1.610	2.500	12.6	21.2
11 7	4 18.37	+ 9 56.2	1.563	2.507	8.7	21.0
11 17	4 8.64	+ 9 14.4	1.541	2.513	5.3	20.8
11 27	3 58.18	+ 8 41.9	1.548	2.519	5.0	20.8
12 7	3 48.25	+ 8 22.6	1.582	2.525	8.2	21.0
12 17	3 39.96	+ 8 18.6	1.643	2.530	12.0	21.2
12 27	3 34.13	+ 8 30.4	1.726	2.535	15.4	21.5

256668 2007 XJ_{53} 11 24.4 201°.25 1°.5/23.9 18

10 18	4 32.64	+17 58.9	1.681	2.491	16.3	21.2
10 28	4 27.44	+17 43.7	1.598	2.488	12.7	20.9
11 7	4 19.39	+17 24.4	1.537	2.485	8.4	20.7
11 17	4 9.17	+17 2.4	1.501	2.482	3.8	20.4
11 27	3 57.98	+16 40.0	1.494	2.478	2.2	20.3
12 7	3 47.18	+16 20.8	1.515	2.473	6.8	20.6
12 17	3 38.05	+16 8.2	1.563	2.468	11.3	20.8
12 27	3 31.54	+16 5.1	1.634	2.463	15.2	21.1

273156 2006 HY_{40} 11 24.4 158°.39 4°.8/21.7 18

10 18	4 24.29	+ 6 7.8	2.540	3.340	11.7	21.2
10 28	4 19.90	+ 5 25.0	2.464	3.341	9.3	21.0
11 7	4 13.83	+ 4 45.9	2.412	3.343	6.9	20.8
11 17	4 6.60	+ 4 13.9	2.387	3.344	5.0	20.7
11 27	3 58.89	+ 3 52.2	2.391	3.345	5.1	20.7
12 7	3 51.46	+ 3 43.0	2.424	3.346	7.0	20.9
12 17	3 44.99	+ 3 47.2	2.485	3.347	9.4	21.0
12 27	3 40.06	+ 4 4.7	2.569	3.348	11.7	21.2

478513 2012 SR_{36} 11 24.4 151°.86 3°.4/25.9 18

10 18	4 34.72	+29 50.9	1.918	2.696	15.7	22.0
10 28	4 28.89	+30 11.7	1.838	2.704	12.6	21.8
11 7	4 20.24	+30 21.2	1.780	2.710	8.9	21.6
11 17	4 9.51	+30 16.9	1.748	2.717	5.2	21.4
11 27	3 57.89	+29 58.1	1.744	2.723	3.4	21.3
12 7	3 46.77	+29 27.4	1.770	2.728	6.0	21.5
12 17	3 37.35	+28 49.7	1.823	2.732	9.7	21.7
12 27	3 30.56	+28 11.0	1.902	2.736	13.1	21.9

263433 2008 DB_{69} 11 24.4 164°.17 0°.5/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 28.05	+19 47.5	2.117	2.920	13.6	20.7
10 28	4 23.30	+19 40.4	2.035	2.921	10.6	20.5
11 7	4 16.35	+19 29.0	1.975	2.922	7.0	20.3
11 17	4 7.78	+19 14.1	1.942	2.923	3.0	20.1
11 27	3 58.51	+18 57.2	1.938	2.923	1.3	19.9
12 7	3 49.58	+18 40.9	1.964	2.924	5.3	20.2
12 17	3 41.92	+18 27.8	2.017	2.924	9.0	20.5
12 27	3 36.29	+18 20.6	2.096	2.925	12.3	20.7

361961 2008 JK_{18} 11 24.4 88°.76 3°.3/22.5 18

10 18	4 25.79	+14 0.5	2.144	2.954	13.2	20.6
10 28	4 21.33	+13 3.0	2.072	2.962	10.2	20.4
11 7	4 14.90	+12 3.3	2.024	2.969	6.9	20.2
11 17	4 7.09	+11 5.2	2.002	2.977	3.9	20.0
11 27	3 58.77	+10 12.9	2.010	2.984	3.7	20.0
12 7	3 50.86	+ 9 30.2	2.047	2.991	6.5	20.2
12 17	3 44.17	+ 9 0.2	2.112	2.999	9.7	20.4
12 27	3 39.33	+ 8 44.1	2.201	3.006	12.6	20.7

481692 2008 AD_{62} 11 24.4 347°.52 6°.7/22.2 18

10 18	4 25.98	+ 5 47.3	1.538	2.364	16.8	20.5
10 28	4 22.36	+ 5 9.0	1.466	2.358	13.5	20.3
11 7	4 16.05	+ 4 37.5	1.414	2.353	10.0	20.1
11 17	4 7.74	+ 4 18.0	1.386	2.348	7.2	19.9
11 27	3 58.52	+ 4 15.4	1.383	2.344	7.1	19.9
12 7	3 49.70	+ 4 32.4	1.406	2.341	9.9	20.0
12 17	3 42.44	+ 5 9.0	1.454	2.338	13.4	20.2
12 27	3 37.64	+ 6 3.2	1.523	2.337	16.8	20.5

369801 2012 HU_{31} 11 24.4 204°.86 4°.7/21.4 17

10 18	4 24.49	+ 6 18.9	2.709	3.505	11.1	21.9
10 28	4 19.98	+ 5 27.3	2.626	3.502	8.9	21.7
11 7	4 13.87	+ 4 38.5	2.568	3.498	6.6	21.6
11 17	4 6.64	+ 3 56.0	2.538	3.493	4.9	21.5
11 27	3 58.92	+ 3 23.1	2.537	3.489	5.0	21.5
12 7	3 51.44	+ 3 2.4	2.565	3.484	6.8	21.6
12 17	3 44.86	+ 2 55.3	2.622	3.478	9.2	21.7
12 27	3 39.72	+ 3 2.0	2.702	3.473	11.4	21.9

70082 1999 JC_{63} 11 24.4 155°.91 0°.8/24.1 18

10 18	4 33.57	+20 43.1	1.742	2.545	16.1	20.2
10 28	4 27.93	+20 16.1	1.666	2.552	12.5	20.0
11 7	4 19.55	+19 42.0	1.612	2.559	8.3	19.8
11 17	4 9.20	+19 2.0	1.585	2.565	3.6	19.5
11 27	3 58.06	+18 19.3	1.586	2.571	1.6	19.4
12 7	3 47.48	+17 38.1	1.616	2.575	6.3	19.7
12 17	3 38.61	+17 3.1	1.674	2.579	10.6	19.9
12 27	3 32.31	+16 38.2	1.756	2.583	14.4	20.2

306476 1999 RH_{258} 11 24.4 40°.76 10°.5/21.3 18

10 18	4 28.14	− 0 11.7	1.288	2.114	19.4	19.1
10 28	4 23.91	− 1 34.7	1.254	2.137	16.0	18.9
11 7	4 16.86	− 2 42.3	1.240	2.162	12.8	18.8
11 17	4 7.96	− 3 26.0	1.247	2.187	10.7	18.8
11 27	3 58.54	− 3 40.0	1.278	2.212	10.9	18.8
12 7	3 50.01	− 3 23.0	1.333	2.239	12.9	19.0
12 17	3 43.43	− 2 37.8	1.410	2.265	15.6	19.3
12 27	3 39.52	− 1 30.0	1.506	2.293	18.3	19.5

458622 2011 FG_{88} 11 24.4 315°.15 7°.6/27.3 16

10 18	4 31.85	+39 48.9	2.090	2.835	15.6	21.4
10 28	4 27.30	+40 59.7	1.992	2.819	13.4	21.2
11 7	4 19.66	+41 57.4	1.914	2.803	10.9	21.0
11 17	4 9.48	+42 36.1	1.860	2.788	8.6	20.9
11 27	3 57.89	+42 51.3	1.833	2.773	7.6	20.8
12 7	3 46.40	+42 42.4	1.832	2.758	8.6	20.8
12 17	3 36.47	+42 12.9	1.857	2.743	10.9	20.9
12 27	3 29.31	+41 29.7	1.906	2.730	13.5	21.1

274887 2009 SN_{55} 11 24.4 294°.99 0°.2/24.5 18

10 18	4 29.58	+24 6.1	1.493	2.310	17.7	20.5
10 28	4 25.51	+23 33.7	1.411	2.305	13.9	20.3
11 7	4 18.32	+22 49.0	1.350	2.300	9.3	20.0
11 17	4 8.78	+21 53.0	1.314	2.295	4.1	19.7
11 27	3 58.20	+20 49.3	1.304	2.290	1.4	19.5
12 7	3 48.14	+19 44.1	1.322	2.285	6.8	19.8
12 17	3 39.95	+18 44.6	1.365	2.281	11.7	20.1
12 27	3 34.63	+17 56.7	1.431	2.276	16.0	20.3

15138 2000 EQ_{93} 11 24.4 53°.39 7°.1/28.2 18

10 18	4 33.66	+39 25.6	1.671	2.433	18.3	17.3
10 28	4 28.65	+39 57.3	1.609	2.451	15.3	17.1
11 7	4 20.29	+40 8.7	1.566	2.469	11.9	17.0
11 17	4 9.56	+39 55.4	1.545	2.487	8.8	16.8
11 27	3 57.98	+39 15.9	1.550	2.506	7.1	16.8
12 7	3 47.24	+38 14.2	1.582	2.525	8.2	16.9
12 17	3 38.73	+36 58.3	1.639	2.544	10.9	17.1
12 27	3 33.36	+35 37.8	1.721	2.563	13.9	17.3

331696 2002 QA_{148} 11 24.4 148°.16 1°.5/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 33.95	+26 30.7	1.771	2.564	16.3	21.7
10 28	4 28.30	+26 15.8	1.695	2.573	12.8	21.5
11 7	4 19.83	+25 49.4	1.640	2.581	8.7	21.2
11 17	4 9.33	+25 11.1	1.611	2.588	4.2	21.0
11 27	3 58.05	+24 22.9	1.610	2.595	1.7	20.8
12 7	3 47.35	+23 29.2	1.638	2.601	5.8	21.1
12 17	3 38.45	+22 35.9	1.695	2.606	10.1	21.4
12 27	3 32.20	+21 48.9	1.776	2.611	13.8	21.6

403069 2008 BU_{42} 11 24.4 285°.28 5°.4/22.0 18

10 18	4 26.51	+ 7 56.1	1.936	2.749	14.4	20.9
10 28	4 22.33	+ 7 10.7	1.848	2.735	11.4	20.7
11 7	4 15.85	+ 6 28.0	1.782	2.721	8.3	20.5
11 17	4 7.64	+ 5 52.1	1.742	2.706	5.8	20.3
11 27	3 58.61	+ 5 27.8	1.730	2.692	5.8	20.3
12 7	3 49.81	+ 5 18.3	1.745	2.678	8.4	20.4
12 17	3 42.25	+ 5 25.4	1.786	2.664	11.7	20.6
12 27	3 36.73	+ 5 49.1	1.850	2.649	14.9	20.8

106335 2000 UV_{107} 11 24.4 45°.12 5°.4/23.0 18

10 18	4 30.90	+11 36.3	1.080	1.926	21.1	19.2
10 28	4 26.78	+10 55.3	1.036	1.943	16.4	19.0
11 7	4 19.14	+10 17.1	1.010	1.962	11.2	18.8
11 17	4 9.06	+ 9 47.2	1.005	1.981	6.5	18.6
11 27	3 58.19	+ 9 31.1	1.025	2.001	5.9	18.6
12 7	3 48.31	+ 9 32.0	1.069	2.021	9.9	18.9
12 17	3 40.83	+ 9 50.9	1.136	2.042	14.5	19.2
12 27	3 36.63	+10 26.5	1.223	2.063	18.5	19.6

458468 2011 BF_{63} 11 24.4 348°.40 5°.0/22.5 18

10 18	4 25.38	+ 7 57.0	1.889	2.706	14.5	20.5
10 28	4 21.41	+ 7 27.5	1.812	2.702	11.5	20.3
11 7	4 15.20	+ 7 2.1	1.757	2.698	8.2	20.1
11 17	4 7.33	+ 6 44.6	1.728	2.694	5.5	19.9
11 27	3 58.74	+ 6 38.5	1.726	2.692	5.4	19.9
12 7	3 50.47	+ 6 46.1	1.751	2.689	8.0	20.0
12 17	3 43.49	+ 7 8.1	1.803	2.687	11.2	20.2
12 27	3 38.56	+ 7 44.0	1.878	2.686	14.3	20.4

306709 2000 WH_{14} 11 24.4 36°.31 2°.2/25.3 18

10 18	4 30.21	+26 51.6	1.572	2.379	17.4	19.7
10 28	4 25.87	+26 56.4	1.498	2.384	13.7	19.5
11 7	4 18.48	+26 50.0	1.445	2.388	9.4	19.2
11 17	4 8.83	+26 30.9	1.416	2.392	4.8	19.0
11 27	3 58.24	+26 0.1	1.413	2.397	2.4	18.8
12 7	3 48.19	+25 21.5	1.439	2.402	6.3	19.1
12 17	3 40.03	+24 40.6	1.490	2.408	10.8	19.4
12 27	3 34.69	+24 3.7	1.565	2.413	14.7	19.6

235372 2003 WP_{37} 11 24.4 2°.26 4°.2/26.4 17

10 18	4 29.34	+32 46.9	2.261	3.030	13.9	20.5
10 28	4 24.54	+33 22.2	2.175	3.030	11.3	20.3
11 7	4 17.33	+33 46.8	2.110	3.030	8.4	20.1
11 17	4 8.29	+33 58.0	2.072	3.030	5.6	19.9
11 27	3 58.42	+33 54.4	2.061	3.030	4.2	19.9
12 7	3 48.84	+33 37.4	2.079	3.031	5.8	20.0
12 17	3 40.61	+33 10.4	2.126	3.031	8.7	20.1
12 27	3 34.58	+32 38.6	2.197	3.032	11.6	20.3

154898 2004 RS_{233} 11 24.4 346°.02 3°.7/25.9 17

10 18	4 29.92	+30 3.6	2.062	2.844	14.7	20.0
10 28	4 25.18	+30 41.0	1.975	2.842	11.8	19.8
11 7	4 17.86	+31 9.0	1.911	2.840	8.5	19.6
11 17	4 8.56	+31 24.8	1.872	2.838	5.2	19.4
11 27	3 58.33	+31 27.0	1.862	2.837	3.7	19.3
12 7	3 48.38	+31 16.9	1.880	2.836	5.9	19.4
12 17	3 39.88	+30 57.8	1.926	2.835	9.2	19.6
12 27	3 33.72	+30 34.8	1.996	2.834	12.4	19.8

32292 2000 QR_{8} 11 24.4 22°.70 0°.7/24.7 18

10 18	4 27.65	+22 56.3	1.712	2.525	15.9	18.5
10 28	4 23.55	+22 57.2	1.639	2.530	12.4	18.3
11 7	4 16.78	+22 50.8	1.587	2.535	8.3	18.1
11 17	4 8.06	+22 37.2	1.561	2.541	3.7	17.8
11 27	3 58.54	+22 17.8	1.561	2.547	1.3	17.7
12 7	3 49.48	+21 55.5	1.590	2.554	5.8	18.0
12 17	3 42.04	+21 34.4	1.645	2.561	10.1	18.3
12 27	3 37.06	+21 18.4	1.725	2.569	13.8	18.5

130120 1999 XH_{84} 11 24.4 30°.50 5°.9/23.5 18

10 18	4 30.94	+ 6 7.5	1.333	2.160	18.9	18.2
10 28	4 26.35	+ 6 9.6	1.279	2.173	14.9	18.0
11 7	4 18.72	+ 6 21.9	1.245	2.188	10.6	17.7
11 17	4 8.91	+ 6 47.7	1.234	2.203	6.9	17.6
11 27	3 58.31	+ 7 28.8	1.249	2.219	6.2	17.6
12 7	3 48.41	+ 8 24.6	1.290	2.236	9.2	17.8
12 17	3 40.48	+ 9 32.9	1.356	2.254	13.2	18.1
12 27	3 35.42	+10 50.8	1.443	2.272	16.8	18.4

263939 2009 HR_{57} 11 24.5 247°.15 1°.9/23.4 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 28.17	+17 30.5	2.266	3.067	12.9	21.6
10 28	4 23.37	+16 49.9	2.165	3.050	10.1	21.3
11 7	4 16.44	+16 4.4	2.087	3.033	6.7	21.1
11 17	4 7.91	+15 15.9	2.037	3.016	3.2	20.9
11 27	3 58.62	+14 27.9	2.016	2.998	2.4	20.8
12 7	3 49.54	+13 44.0	2.026	2.979	5.8	21.0
12 17	3 41.57	+13 7.9	2.064	2.960	9.5	21.2
12 27	3 35.49	+12 42.6	2.128	2.940	12.7	21.3

199808 2007 CA_{57} 11 24.5 209°.72 1°.6/23.8 18

10 18	4 31.21	+17 35.2	1.893	2.698	14.9	21.0
10 28	4 26.07	+17 15.7	1.806	2.694	11.6	20.7
11 7	4 18.38	+16 52.4	1.741	2.688	7.7	20.5
11 17	4 8.79	+16 26.8	1.703	2.683	3.5	20.2
11 27	3 58.33	+16 1.5	1.693	2.677	2.2	20.1
12 7	3 48.21	+15 39.7	1.713	2.670	6.3	20.4
12 17	3 39.52	+15 24.6	1.760	2.663	10.4	20.6
12 27	3 33.13	+15 18.8	1.832	2.655	14.0	20.8

446075 2013 CR_{166} 11 24.5 211°.47 1°.0/24.9 18

10 18	4 29.88	+23 59.9	2.143	2.936	13.8	22.0
10 28	4 24.87	+24 5.0	2.054	2.932	10.8	21.8
11 7	4 17.50	+24 3.5	1.987	2.929	7.3	21.6
11 17	4 8.39	+23 54.7	1.947	2.925	3.4	21.3
11 27	3 58.47	+23 39.2	1.936	2.921	1.4	21.1
12 7	3 48.85	+23 19.4	1.954	2.916	5.1	21.4
12 17	3 40.54	+22 58.3	2.002	2.912	8.9	21.6
12 27	3 34.35	+22 39.9	2.074	2.907	12.2	21.8

486368 2013 DJ_{4} 11 24.5 30°.86 3°.5/26.0 17

10 18	4 30.17	+30 12.7	1.774	2.566	16.3	21.3
10 28	4 25.66	+30 27.9	1.696	2.568	13.1	21.1
11 7	4 18.28	+30 30.6	1.638	2.571	9.3	20.8
11 17	4 8.78	+30 18.6	1.604	2.574	5.5	20.6
11 27	3 58.35	+29 51.8	1.598	2.577	3.5	20.5
12 7	3 48.40	+29 13.1	1.620	2.580	6.2	20.7
12 17	3 40.17	+28 28.1	1.669	2.584	10.0	20.9
12 27	3 34.59	+27 43.2	1.742	2.587	13.6	21.2

297965 2002 HH_{11} 11 24.5 174°.94 5°.9/21.9 18

10 18	4 29.70	+ 4 38.7	2.108	2.905	13.9	21.0
10 28	4 24.42	+ 3 58.6	2.033	2.908	11.1	20.9
11 7	4 17.03	+ 3 24.3	1.982	2.909	8.3	20.7
11 17	4 8.13	+ 2 59.8	1.956	2.911	6.2	20.6
11 27	3 58.60	+ 2 48.8	1.959	2.911	6.2	20.6
12 7	3 49.43	+ 2 53.5	1.991	2.912	8.3	20.7
12 17	3 41.50	+ 3 14.4	2.049	2.912	11.1	20.9
12 27	3 35.51	+ 3 50.3	2.131	2.911	13.8	21.1

396763 2003 UB_{375} 11 24.5 334°.61 11°.0/17.5 18

10 18	4 24.34	+ 1 11.1	1.508	2.332	17.2	20.7
10 28	4 21.10	− 1 16.4	1.443	2.324	14.4	20.5
11 7	4 15.24	− 3 38.6	1.400	2.317	12.0	20.4
11 17	4 7.45	− 5 43.8	1.382	2.310	11.0	20.3
11 27	3 58.83	− 7 20.8	1.388	2.303	11.8	20.3
12 7	3 50.64	− 8 22.5	1.419	2.298	14.1	20.5
12 17	3 43.99	− 8 46.9	1.470	2.293	16.9	20.6
12 27	3 39.75	− 8 36.8	1.540	2.288	19.6	20.8

186491 2002 TE_{226} 11 24.5 16°.46 6°.2/23.2 18

10 18	4 24.75	+ 9 45.0	0.914	1.780	22.3	18.6
10 28	4 22.68	+ 9 18.9	0.870	1.788	17.5	18.4
11 7	4 16.82	+ 8 59.8	0.843	1.799	12.2	18.1
11 17	4 8.22	+ 8 53.3	0.835	1.811	7.4	17.9
11 27	3 58.60	+ 9 4.2	0.849	1.825	6.7	18.0
12 7	3 49.89	+ 9 34.4	0.885	1.841	10.7	18.2
12 17	3 43.63	+10 22.7	0.943	1.859	15.6	18.6
12 27	3 40.82	+11 26.0	1.019	1.879	19.8	18.9

431202 2006 SV_{149} 11 24.5 174°.79 0°.3/24.3 16

10 18	4 33.05	+21 45.0	1.770	2.572	15.9	22.3
10 28	4 27.63	+21 23.7	1.689	2.574	12.4	22.0
11 7	4 19.46	+20 54.6	1.630	2.576	8.2	21.8
11 17	4 9.27	+20 18.6	1.597	2.578	3.6	21.5
11 27	3 58.23	+19 38.2	1.593	2.579	1.3	21.4
12 7	3 47.67	+18 57.6	1.618	2.579	6.1	21.7
12 17	3 38.77	+18 21.4	1.671	2.578	10.5	21.9
12 27	3 32.42	+17 54.0	1.747	2.577	14.3	22.2

441712 2009 BW_{3} 11 24.5 75°.74 2°.9/26.0 18

10 18	4 30.40	+30 54.8	1.779	2.568	16.4	20.5
10 28	4 25.73	+30 35.4	1.699	2.571	13.1	20.3
11 7	4 18.25	+30 0.5	1.639	2.574	9.2	20.0
11 17	4 8.74	+29 9.2	1.605	2.577	5.1	19.8
11 27	3 58.44	+28 3.3	1.598	2.579	2.9	19.7
12 7	3 48.70	+26 48.0	1.620	2.582	5.9	19.9
12 17	3 40.73	+25 30.6	1.669	2.585	9.9	20.1
12 27	3 35.37	+24 18.4	1.743	2.588	13.6	20.4

60278 1999 XE_{91} 11 24.5 246°.92 0°.5/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 31.24	+23 46.3	1.673	2.479	16.5	19.3
10 28	4 26.62	+23 30.6	1.583	2.470	13.0	19.0
11 7	4 19.04	+23 5.1	1.514	2.460	8.8	18.8
11 17	4 9.19	+22 29.8	1.470	2.450	4.0	18.4
11 27	3 58.26	+21 46.8	1.454	2.440	1.3	18.2
12 7	3 47.69	+21 0.3	1.466	2.429	6.3	18.5
12 17	3 38.80	+20 16.1	1.506	2.419	11.0	18.8
12 27	3 32.60	+19 39.6	1.568	2.408	15.2	19.0

65833 1996 XE_{6} 11 24.5 326°.16 5°.3/27.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 29.45	+35 48.9	1.546	2.333	18.5	17.9
10 28	4 25.79	+35 43.0	1.459	2.324	15.3	17.7
11 7	4 18.74	+35 16.0	1.391	2.315	11.4	17.4
11 17	4 9.11	+34 24.2	1.345	2.307	7.5	17.2
11 27	3 58.33	+33 8.0	1.325	2.299	5.3	17.1
12 7	3 48.11	+31 32.8	1.332	2.291	7.4	17.2
12 17	3 39.95	+29 48.3	1.365	2.284	11.4	17.4
12 27	3 34.92	+28 5.7	1.421	2.277	15.4	17.6

147001 2002 PC_{108} 11 24.5 16°.47 4°.0/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 28.60	+12 14.0	1.056	1.907	21.0	19.0
10 28	4 25.46	+12 12.8	1.001	1.912	16.5	18.7
11 7	4 18.65	+12 15.9	0.963	1.918	11.2	18.4
11 17	4 9.08	+12 26.0	0.947	1.926	5.9	18.2
11 27	3 58.36	+12 45.9	0.954	1.935	4.5	18.1
12 7	3 48.38	+13 17.0	0.985	1.945	9.2	18.4
12 17	3 40.73	+13 59.3	1.038	1.956	14.3	18.7
12 27	3 36.51	+14 52.0	1.112	1.968	18.8	19.1

115047 2003 RH_{4} 11 24.5 77°.48 3°.6/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 29.73	+34 20.9	2.231	2.996	14.2	19.6
10 28	4 24.60	+34 5.8	2.156	3.009	11.5	19.5
11 7	4 17.18	+33 36.0	2.103	3.023	8.4	19.3
11 17	4 8.20	+32 50.4	2.076	3.037	5.2	19.1
11 27	3 58.69	+31 50.5	2.077	3.051	3.6	19.1
12 7	3 49.76	+30 40.3	2.108	3.065	5.3	19.2
12 17	3 42.32	+29 25.3	2.168	3.079	8.3	19.4
12 27	3 37.07	+28 12.0	2.254	3.092	11.2	19.6

254903 2005 SU_{84} 11 24.5 231°.67 0°.7/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 27.51	+20 11.4	2.066	2.871	13.8	21.2
10 28	4 23.00	+19 53.6	1.983	2.871	10.7	21.0
11 7	4 16.25	+19 30.5	1.923	2.870	7.1	20.7
11 17	4 7.87	+19 3.2	1.889	2.870	3.1	20.5
11 27	3 58.78	+18 33.9	1.884	2.869	1.4	20.4
12 7	3 50.04	+18 5.8	1.908	2.868	5.4	20.6
12 17	3 42.60	+17 42.1	1.960	2.868	9.2	20.9
12 27	3 37.21	+17 25.8	2.038	2.867	12.5	21.1

303581 2005 GX_{132} 11 24.5 258°.42 0°.2/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 29.59	+20 36.6	1.879	2.685	15.0	21.4
10 28	4 24.93	+20 36.2	1.793	2.681	11.7	21.2
11 7	4 17.71	+20 30.9	1.730	2.677	7.8	21.0
11 17	4 8.57	+20 20.9	1.692	2.673	3.4	20.7
11 27	3 58.54	+20 7.5	1.683	2.669	1.2	20.5
12 7	3 48.84	+19 53.2	1.703	2.665	5.7	20.8
12 17	3 40.58	+19 41.2	1.751	2.661	9.9	21.1
12 27	3 34.64	+19 34.6	1.822	2.657	13.6	21.3

488017 2015 UF_{13} 11 24.5 337°.29 7°.1/20.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 23.02	+ 8 58.7	1.565	2.399	16.2	20.8
10 28	4 20.10	+ 7 16.3	1.489	2.387	12.9	20.6
11 7	4 14.62	+ 5 32.4	1.435	2.376	9.6	20.4
11 17	4 7.24	+ 3 55.1	1.405	2.366	7.3	20.2
11 27	3 59.01	+ 2 33.2	1.401	2.357	7.8	20.2
12 7	3 51.14	+ 1 33.8	1.423	2.348	10.7	20.4
12 17	3 44.76	+ 1 0.7	1.469	2.341	14.2	20.6
12 27	3 40.70	+ 0 54.1	1.536	2.334	17.5	20.8

242194 2003 OS_{19} 11 24.5 38°.26 2°.1/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 27.68	+19 51.4	1.382	2.213	18.1	19.4
10 28	4 23.85	+18 52.3	1.325	2.227	13.9	19.1
11 7	4 17.06	+17 44.8	1.287	2.241	9.1	18.9
11 17	4 8.23	+16 33.1	1.274	2.256	4.1	18.7
11 27	3 58.71	+15 23.2	1.288	2.271	2.8	18.6
12 7	3 49.95	+14 22.1	1.328	2.287	7.4	19.0
12 17	3 43.13	+13 35.1	1.393	2.303	12.0	19.3
12 27	3 39.04	+13 5.5	1.481	2.320	15.9	19.5

78182 2002 NQ_{35} 11 24.5 38°.46 8°.5/20.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 24.63	− 2 18.9	2.047	2.843	14.3	18.9
10 28	4 20.51	− 3 25.3	1.991	2.852	11.9	18.8
11 7	4 14.43	− 4 20.8	1.957	2.862	9.8	18.7
11 17	4 7.02	− 4 59.6	1.948	2.872	8.6	18.6
11 27	3 59.11	− 5 17.4	1.965	2.882	8.8	18.7
12 7	3 51.61	− 5 12.1	2.008	2.892	10.4	18.8
12 17	3 45.32	− 4 44.6	2.075	2.903	12.5	18.9
12 27	3 40.86	− 3 57.2	2.164	2.914	14.6	19.1

278037 2006 WW_{55} 11 24.5 334°.83 1°.3/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 26.40	+18 17.2	1.176	2.021	19.7	20.1
10 28	4 23.92	+18 15.9	1.097	2.007	15.5	19.8
11 7	4 17.86	+18 10.7	1.037	1.994	10.4	19.4
11 17	4 8.89	+18 2.6	0.999	1.981	4.6	19.1
11 27	3 58.42	+17 54.2	0.985	1.970	2.3	18.9
12 7	3 48.28	+17 48.9	0.995	1.960	8.1	19.2
12 17	3 40.20	+17 50.7	1.028	1.951	13.8	19.5
12 27	3 35.47	+18 2.8	1.081	1.943	18.8	19.8

20966 1978 VH_{5} 11 24.5 306°.81 0°.5/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 26.62	+24 33.5	2.202	2.999	13.4	18.4
10 28	4 22.22	+24 5.7	2.116	2.997	10.4	18.2
11 7	4 15.68	+23 29.0	2.052	2.996	7.0	18.0
11 17	4 7.61	+22 44.2	2.015	2.994	3.2	17.7
11 27	3 58.91	+21 53.7	2.007	2.993	1.0	17.6
12 7	3 50.56	+21 1.4	2.030	2.992	4.9	17.8
12 17	3 43.47	+20 11.5	2.080	2.991	8.6	18.1
12 27	3 38.34	+19 28.2	2.157	2.989	11.8	18.3

170693 2004 BR_{10} 11 24.5 6°.60 1°.2/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 24.32	+28 53.6	1.277	2.106	19.4	18.7
10 28	4 21.85	+27 52.1	1.208	2.106	15.3	18.5
11 7	4 16.06	+26 29.4	1.159	2.108	10.4	18.2
11 17	4 7.90	+24 47.7	1.132	2.112	4.9	17.9
11 27	3 58.84	+22 53.7	1.130	2.116	1.6	17.7
12 7	3 50.53	+20 57.8	1.155	2.122	6.9	18.1
12 17	3 44.33	+19 11.2	1.206	2.130	12.1	18.4
12 27	3 41.12	+17 42.5	1.278	2.138	16.6	18.7

318982 2005 UX_{337} 11 24.5 350°.74 3°.0/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 25.31	+16 31.1	1.865	2.683	14.6	20.6
10 28	4 21.44	+15 26.5	1.786	2.681	11.3	20.4
11 7	4 15.27	+14 16.4	1.730	2.679	7.6	20.2
11 17	4 7.46	+13 4.9	1.700	2.677	4.0	20.0
11 27	3 58.97	+11 57.3	1.698	2.676	3.5	19.9
12 7	3 50.88	+10 58.9	1.725	2.675	7.0	20.1
12 17	3 44.16	+10 14.1	1.779	2.675	10.7	20.4
12 27	3 39.55	+ 9 45.4	1.856	2.674	14.1	20.6

267889 2003 YO_{124} 11 24.5 255°.53 3°.1/25.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 32.62	+28 31.0	1.548	2.349	17.9	21.1
10 28	4 28.10	+28 43.0	1.463	2.343	14.3	20.9
11 7	4 20.26	+28 42.4	1.398	2.337	10.1	20.6
11 17	4 9.82	+28 26.7	1.357	2.330	5.5	20.3
11 27	3 58.14	+27 55.6	1.342	2.324	3.2	20.2
12 7	3 46.89	+27 12.6	1.354	2.317	6.8	20.4
12 17	3 37.57	+26 24.0	1.393	2.310	11.4	20.6
12 27	3 31.32	+25 37.5	1.455	2.303	15.6	20.9

356853 2011 WR_{27} 11 24.5 74°.55 0°.0/24.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 33.00	+20 29.8	1.804	2.606	15.7	21.0
10 28	4 27.30	+20 39.8	1.745	2.630	12.1	20.8
11 7	4 19.06	+20 45.1	1.709	2.655	8.0	20.6
11 17	4 9.07	+20 45.7	1.699	2.679	3.5	20.4
11 27	3 58.47	+20 42.5	1.717	2.703	1.2	20.3
12 7	3 48.51	+20 37.6	1.765	2.727	5.6	20.7
12 17	3 40.23	+20 33.8	1.841	2.751	9.6	21.0
12 27	3 34.39	+20 34.1	1.941	2.774	12.9	21.2

383508 2007 CV_{18} 11 24.5 39°.01 0°.4/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 31.12	+20 5.2	1.158	1.996	20.5	20.3
10 28	4 27.10	+20 7.5	1.108	2.012	15.8	20.1
11 7	4 19.52	+20 3.8	1.076	2.030	10.4	19.9
11 17	4 9.39	+19 54.7	1.066	2.048	4.5	19.6
11 27	3 58.37	+19 42.3	1.081	2.067	1.7	19.5
12 7	3 48.25	+19 30.4	1.122	2.087	7.4	19.9
12 17	3 40.50	+19 23.2	1.186	2.107	12.6	20.2
12 27	3 36.07	+19 24.2	1.272	2.128	16.9	20.6

51569 Garywessen 11 24.5 72°.69 1°.9/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 33.42	+14 15.7	1.774	2.580	15.7	18.2
10 28	4 27.64	+14 31.0	1.713	2.600	12.2	18.0
11 7	4 19.31	+14 47.5	1.674	2.621	8.1	17.8
11 17	4 9.20	+15 5.7	1.662	2.641	3.8	17.6
11 27	3 58.42	+15 26.2	1.678	2.661	2.4	17.5
12 7	3 48.23	+15 49.9	1.724	2.681	6.2	17.8
12 17	3 39.68	+16 17.5	1.798	2.701	10.1	18.1
12 27	3 33.55	+16 50.1	1.896	2.721	13.5	18.3

74704 1999 RU_{148} 11 24.5 15°.91 4°.0/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 27.72	+15 10.5	1.175	2.019	19.8	19.0
10 28	4 24.49	+14 23.3	1.113	2.022	15.4	18.7
11 7	4 17.87	+13 32.7	1.071	2.025	10.4	18.4
11 17	4 8.73	+12 43.6	1.050	2.029	5.5	18.2
11 27	3 58.57	+12 2.2	1.055	2.034	4.6	18.2
12 7	3 49.08	+11 34.3	1.083	2.040	9.1	18.4
12 17	3 41.73	+11 23.7	1.136	2.046	14.1	18.7
12 27	3 37.52	+11 31.6	1.208	2.053	18.4	19.0

431724 2008 FA_4 11 24.5 135°.34 1°.0/24.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 35.01	+24 6.5	1.850	2.642	15.7	22.1
10 28	4 29.01	+24 7.3	1.777	2.655	12.3	21.9
11 7	4 20.30	+24 0.1	1.726	2.668	8.2	21.7
11 17	4 9.66	+23 44.2	1.702	2.680	3.8	21.5
11 27	3 58.27	+23 20.6	1.706	2.691	1.4	21.3
12 7	3 47.44	+22 52.6	1.740	2.702	5.6	21.6
12 17	3 38.31	+22 24.3	1.803	2.712	9.7	21.9
12 27	3 31.73	+22 0.3	1.890	2.721	13.3	22.1

419183 2009 TL_{43} 11 24.5 344°.80 10°.7/20.8 17

10 18	4 24.15	− 4 38.7	1.625	2.432	16.9	19.9
10 28	4 20.89	− 5 33.9	1.554	2.419	14.5	19.7
11 7	4 15.13	− 6 14.0	1.503	2.407	12.2	19.5
11 17	4 7.49	− 6 31.7	1.474	2.396	10.8	19.4
11 27	3 58.99	− 6 20.9	1.468	2.387	11.1	19.4
12 7	3 50.82	− 5 39.8	1.487	2.378	12.8	19.5
12 17	3 44.06	− 4 30.1	1.528	2.371	15.3	19.6
12 27	3 39.58	− 2 56.5	1.589	2.365	17.9	19.8

22315 1991 GA_4 11 24.5 204°.05 1°.7/23.7 18

10 18	4 31.94	+18 36.3	1.771	2.579	15.7	19.9
10 28	4 26.82	+18 2.8	1.686	2.575	12.2	19.6
11 7	4 18.99	+17 23.3	1.623	2.571	8.1	19.4
11 17	4 9.16	+16 40.0	1.586	2.566	3.7	19.1
11 27	3 58.43	+15 56.2	1.578	2.561	2.3	19.0
12 7	3 48.09	+15 16.4	1.598	2.555	6.6	19.3
12 17	3 39.33	+14 45.0	1.646	2.549	11.0	19.5
12 27	3 33.03	+14 25.4	1.717	2.542	14.7	19.7

439074 2011 KK_{22} 11 24.5 71°.84 4°.8/22.8 18

10 18	4 31.06	+10 8.0	1.575	2.393	16.8	20.9
10 28	4 25.97	+ 9 31.3	1.521	2.412	13.1	20.7
11 7	4 18.25	+ 8 57.9	1.488	2.432	9.1	20.5
11 17	4 8.74	+ 8 31.7	1.480	2.451	5.6	20.4
11 27	3 58.62	+ 8 16.7	1.500	2.471	5.2	20.4
12 7	3 49.18	+ 8 15.5	1.547	2.490	8.3	20.6
12 17	3 41.49	+ 8 29.0	1.619	2.509	11.9	20.9
12 27	3 36.30	+ 8 56.5	1.714	2.528	15.2	21.1

516812 2010 NT_5 11 24.5 136°.56 5°.4/27.7 18

10 18	4 34.28	+38 20.6	2.332	3.070	14.4	22.4
10 28	4 28.30	+38 41.8	2.252	3.081	11.9	22.2
11 7	4 19.78	+38 47.9	2.194	3.092	9.2	22.1
11 17	4 9.43	+38 35.8	2.161	3.102	6.7	21.9
11 27	3 58.37	+38 4.5	2.155	3.112	5.4	21.9
12 7	3 47.82	+37 16.3	2.180	3.121	6.4	22.0
12 17	3 38.86	+36 16.4	2.232	3.130	8.8	22.1
12 27	3 32.30	+35 11.5	2.311	3.138	11.3	22.3

178977 2001 QG_{255} 11 24.5 25°.52 5°.9/23.3 18

10 18	4 27.89	+ 7 49.6	1.206	2.047	19.6	19.0
10 28	4 24.15	+ 7 34.3	1.164	2.067	15.4	18.9
11 7	4 17.33	+ 7 27.4	1.141	2.088	10.8	18.7
11 17	4 8.38	+ 7 32.7	1.140	2.111	6.9	18.5
11 27	3 58.75	+ 7 53.3	1.164	2.136	6.2	18.6
12 7	3 49.97	+ 8 29.7	1.213	2.161	9.4	18.8
12 17	3 43.26	+ 9 20.4	1.285	2.188	13.4	19.1
12 27	3 39.42	+10 22.7	1.379	2.216	17.0	19.4

92528 2000 OQ_8 11 24.5 113°.03 7°.6/28.7 18 R

10 18	4 37.85	+41 50.0	1.845	2.581	17.7	19.8
10 28	4 31.87	+42 22.7	1.773	2.595	15.0	19.6
11 7	4 22.51	+42 35.1	1.720	2.607	12.0	19.5
11 17	4 10.70	+42 21.8	1.690	2.620	9.2	19.3
11 27	3 57.95	+41 40.6	1.686	2.632	7.6	19.3
12 7	3 45.99	+40 34.9	1.709	2.644	8.4	19.4
12 17	3 36.26	+39 12.2	1.760	2.655	10.8	19.5
12 27	3 29.71	+37 42.6	1.834	2.666	13.6	19.7

442952 2013 CZ_{104} 11 24.5 239°.48 0°.9/24.9 18

10 18	4 29.35	+24 3.1	1.926	2.727	14.9	21.3
10 28	4 24.72	+23 58.0	1.841	2.724	11.7	21.1
11 7	4 17.57	+23 44.9	1.778	2.722	7.9	20.9
11 17	4 8.53	+23 23.6	1.740	2.719	3.6	20.6
11 27	3 58.66	+22 55.4	1.731	2.716	1.3	20.4
12 7	3 49.14	+22 23.5	1.751	2.714	5.5	20.7
12 17	3 41.09	+21 52.0	1.798	2.711	9.6	21.0
12 27	3 35.33	+21 25.2	1.871	2.708	13.2	21.2

44142 1998 HU_{96} 11 24.5 78°.99 2°.2/23.7 18 R

10 18	4 34.97	+17 49.8	1.449	2.265	18.2	19.0
10 28	4 29.11	+17 13.3	1.401	2.294	13.9	18.8
11 7	4 20.33	+16 32.5	1.373	2.323	9.1	18.6
11 17	4 9.61	+15 50.2	1.371	2.351	4.2	18.4
11 27	3 58.36	+15 10.5	1.396	2.379	2.8	18.4
12 7	3 48.05	+14 38.1	1.449	2.406	7.2	18.7
12 17	3 39.81	+14 16.5	1.528	2.433	11.5	19.1
12 27	3 34.41	+14 8.0	1.630	2.459	15.2	19.4

218580 2005 JD_{121} 11 24.5 125°.93 1°.9/23.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 33.90	+16 48.7	1.729	2.535	16.1	21.4
10 28	4 28.14	+16 29.8	1.661	2.549	12.4	21.2
11 7	4 19.72	+16 8.1	1.616	2.563	8.2	21.0
11 17	4 9.41	+15 45.2	1.596	2.576	3.8	20.7
11 27	3 58.40	+15 23.9	1.606	2.588	2.5	20.7
12 7	3 47.97	+15 7.4	1.644	2.600	6.6	21.0
12 17	3 39.24	+14 58.4	1.710	2.612	10.7	21.2
12 27	3 33.03	+14 59.1	1.799	2.622	14.2	21.5

508313 2015 KZ_{133} 11 24.5 207°.90 2°.4/23.7 18

10 18	4 32.27	+14 57.3	1.696	2.507	16.1	20.8
10 28	4 27.19	+14 50.1	1.615	2.505	12.6	20.6
11 7	4 19.32	+14 42.4	1.555	2.502	8.4	20.3
11 17	4 9.34	+14 35.7	1.520	2.499	4.1	20.1
11 27	3 58.39	+14 32.3	1.514	2.496	2.9	20.0
12 7	3 47.80	+14 34.4	1.536	2.492	7.0	20.2
12 17	3 38.80	+14 44.0	1.585	2.489	11.3	20.5
12 27	3 32.34	+15 2.9	1.658	2.484	15.1	20.7

224191 2005 RB_8 11 24.5 73°.61 0°.8/24.8 18

10 18	4 34.25	+23 30.1	1.460	2.271	18.3	20.2
10 28	4 28.85	+23 26.6	1.404	2.293	14.2	20.0
11 7	4 20.35	+23 14.1	1.369	2.316	9.4	19.8
11 17	4 9.69	+22 52.5	1.358	2.338	4.3	19.6
11 27	3 58.32	+22 23.7	1.375	2.360	1.4	19.4
12 7	3 47.80	+21 52.0	1.419	2.382	6.4	19.8
12 17	3 39.38	+21 22.5	1.489	2.404	11.0	20.2
12 27	3 33.92	+21 0.0	1.583	2.426	14.8	20.4

238133 2003 QA_{60} 11 24.5 93°.24 7°.8/21.3 18

10 18	4 29.74	+ 1 50.3	1.824	2.625	15.5	20.3
10 28	4 24.56	+ 0 42.9	1.772	2.644	12.6	20.1
11 7	4 17.15	− 0 15.4	1.743	2.663	9.8	20.0
11 17	4 8.23	− 0 59.0	1.739	2.681	8.0	19.9
11 27	3 58.82	− 1 22.8	1.762	2.699	8.1	20.0
12 7	3 49.99	− 1 24.7	1.811	2.717	10.1	20.1
12 17	3 42.64	− 1 4.9	1.886	2.734	12.6	20.3
12 27	3 37.44	− 0 26.0	1.983	2.751	15.1	20.5

85110 4043 $T\text{-}_3$ 11 24.5 0°.15 4°.2/23.0 18

10 18	4 28.46	+13 43.5	1.326	2.162	18.5	19.4
10 28	4 24.79	+13 2.8	1.257	2.160	14.4	19.2
11 7	4 17.98	+12 20.7	1.208	2.160	9.8	18.9
11 17	4 8.81	+11 41.5	1.182	2.160	5.4	18.7
11 27	3 58.61	+11 10.6	1.182	2.160	4.7	18.6
12 7	3 48.95	+10 52.6	1.207	2.160	8.8	18.9
12 17	3 41.20	+10 50.5	1.257	2.162	13.5	19.1
12 27	3 36.35	+11 5.3	1.327	2.163	17.6	19.4

285088 1993 TQ_7 11 24.5 84°.72 2°.5/25.6 18

10 18	4 31.42	+27 54.6	1.893	2.683	15.5	20.9
10 28	4 26.32	+28 7.4	1.821	2.695	12.2	20.7
11 7	4 18.58	+28 9.9	1.771	2.707	8.5	20.5
11 17	4 8.95	+28 0.7	1.746	2.719	4.6	20.3
11 27	3 58.57	+27 40.1	1.750	2.731	2.6	20.2
12 7	3 48.71	+27 11.0	1.782	2.743	5.6	20.4
12 17	3 40.48	+26 37.7	1.842	2.755	9.3	20.6
12 27	3 34.70	+26 5.6	1.926	2.766	12.7	20.9

320216 2007 HK_{44} 11 24.5 168°.56 0°.3/24.7 18

10 18	4 26.91	+23 8.0	2.903	3.686	10.8	22.1
10 28	4 21.89	+22 53.2	2.815	3.690	8.4	22.0
11 7	4 15.22	+22 32.8	2.752	3.693	5.6	21.8
11 17	4 7.40	+22 7.2	2.717	3.696	2.5	21.6
11 27	3 59.10	+21 38.0	2.713	3.699	0.8	21.4
12 7	3 51.08	+21 7.2	2.740	3.701	3.9	21.7
12 17	3 44.00	+20 37.4	2.797	3.703	6.9	21.9
12 27	3 38.44	+20 11.5	2.882	3.704	9.5	22.1

1641 Tana 11 24.5 79°.90 4°.5/26.9 18

10 18	4 30.60	+34 33.4	2.204	2.967	14.4	15.3
10 28	4 25.53	+34 55.7	2.127	2.977	11.7	15.1
11 7	4 18.00	+35 5.1	2.071	2.986	8.8	15.0
11 17	4 8.70	+34 58.8	2.041	2.996	5.9	14.8
11 27	3 58.66	+34 36.3	2.039	3.006	4.5	14.7
12 7	3 49.08	+34 0.0	2.065	3.016	5.9	14.8
12 17	3 41.00	+33 14.2	2.120	3.026	8.7	15.0
12 27	3 35.20	+32 24.9	2.200	3.035	11.5	15.2

374689 2006 QX_{121} 11 24.5 74°.90 5°.7/22.3 16

10 18	4 32.98	+11 36.1	1.341	2.167	18.8	21.1
10 28	4 27.70	+10 19.8	1.296	2.192	14.6	20.9
11 7	4 19.45	+ 9 4.6	1.271	2.217	10.1	20.7
11 17	4 9.26	+ 7 57.1	1.271	2.242	6.4	20.6
11 27	3 58.53	+ 7 4.2	1.297	2.266	6.2	20.6
12 7	3 48.73	+ 6 30.8	1.350	2.291	9.5	20.9
12 17	3 41.01	+ 6 18.7	1.427	2.315	13.4	21.2
12 27	3 36.12	+ 6 27.3	1.526	2.339	16.9	21.5

75819 2000 BW_8 11 24.5 208.°68 5.°0/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 30.38	+ 6 16.9	2.090	2.888	13.9	19.8
10 28	4 25.11	+ 5 59.4	2.007	2.885	11.1	19.6
11 7	4 17.64	+ 5 47.6	1.948	2.881	8.1	19.4
11 17	4 8.54	+ 5 44.4	1.915	2.877	5.5	19.3
11 27	3 58.71	+ 5 52.6	1.911	2.873	5.3	19.2
12 7	3 49.17	+ 6 13.7	1.935	2.869	7.7	19.4
12 17	3 40.86	+ 6 47.8	1.988	2.864	10.8	19.6
12 27	3 34.54	+ 7 34.0	2.064	2.859	13.7	19.7

283882 2003 YB_{158} 11 24.5 58.°09 4.°4/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 32.41	+34 38.5	1.601	2.384	18.1	19.7
10 28	4 27.51	+34 24.2	1.537	2.401	14.7	19.6
11 7	4 19.49	+33 50.5	1.493	2.419	10.7	19.4
11 17	4 9.34	+32 55.6	1.472	2.436	6.6	19.2
11 27	3 58.50	+31 41.6	1.478	2.454	4.4	19.1
12 7	3 48.53	+30 14.6	1.512	2.472	6.6	19.3
12 17	3 40.68	+28 43.6	1.573	2.490	10.4	19.5
12 27	3 35.75	+27 17.4	1.659	2.508	14.0	19.8

296626 2009 SO_{53} 11 24.5 131.°88 2.°2/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 34.81	+27 15.5	1.730	2.521	16.7	21.2
10 28	4 29.16	+27 19.4	1.656	2.532	13.2	21.0
11 7	4 20.57	+27 12.3	1.604	2.543	9.1	20.8
11 17	4 9.86	+26 52.7	1.577	2.553	4.7	20.5
11 27	3 58.30	+26 21.3	1.579	2.562	2.3	20.4
12 7	3 47.34	+25 41.8	1.609	2.571	6.0	20.7
12 17	3 38.24	+24 59.7	1.667	2.579	10.2	20.9
12 27	3 31.88	+24 20.8	1.749	2.587	13.9	21.2

273485 2006 YC_{51} 11 24.5 331.°19 1.°5/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 27.98	+18 8.3	1.274	2.111	18.9	20.5
10 28	4 24.87	+18 1.9	1.195	2.100	14.9	20.2
11 7	4 18.35	+17 51.5	1.136	2.090	9.9	19.9
11 17	4 9.10	+17 38.4	1.099	2.080	4.5	19.6
11 27	3 58.51	+17 25.2	1.087	2.071	2.3	19.4
12 7	3 48.28	+17 15.4	1.100	2.063	7.8	19.7
12 17	3 40.02	+17 13.0	1.137	2.056	13.2	20.0
12 27	3 34.91	+17 21.2	1.195	2.049	17.9	20.3

249717 2000 QV_{228} 11 24.5 67.°97 4.°9/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 31.88	+34 30.3	1.958	2.727	15.8	20.1
10 28	4 26.80	+34 57.6	1.887	2.740	12.8	19.9
11 7	4 18.97	+35 10.8	1.836	2.753	9.6	19.7
11 17	4 9.15	+35 6.6	1.810	2.766	6.5	19.6
11 27	3 58.54	+34 44.4	1.811	2.779	4.9	19.5
12 7	3 48.48	+34 6.7	1.841	2.792	6.5	19.6
12 17	3 40.13	+33 18.7	1.897	2.805	9.4	19.9
12 27	3 34.35	+32 27.2	1.979	2.818	12.5	20.1

12583 Buckjean 11 24.5 15.°90 3.°6/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 30.62	+29 19.4	1.996	2.781	15.0	17.0
10 28	4 25.84	+30 1.0	1.914	2.783	12.0	16.8
11 7	4 18.41	+30 33.6	1.854	2.784	8.6	16.6
11 17	4 8.98	+30 54.4	1.819	2.786	5.2	16.4
11 27	3 58.59	+31 1.9	1.812	2.789	3.6	16.3
12 7	3 48.53	+30 57.0	1.834	2.791	5.9	16.4
12 17	3 39.95	+30 43.2	1.884	2.794	9.3	16.6
12 27	3 33.77	+30 25.3	1.958	2.797	12.6	16.8

330217 2006 GK_{39} 11 24.5 212.°19 3.°4/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 30.02	+ 7 28.4	2.809	3.592	11.1	20.8
10 28	4 24.30	+ 7 34.3	2.716	3.587	8.8	20.6
11 7	4 16.86	+ 7 44.8	2.648	3.581	6.2	20.5
11 17	4 8.17	+ 8 1.1	2.609	3.575	3.9	20.3
11 27	3 58.88	+ 8 24.5	2.601	3.569	3.6	20.3
12 7	3 49.77	+ 8 55.5	2.624	3.562	5.6	20.4
12 17	3 41.56	+ 9 34.1	2.677	3.555	8.3	20.6
12 27	3 34.86	+10 19.9	2.757	3.548	10.7	20.7

11605 Ranfagni 11 24.5 79.°97 1.°7/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 30.51	+20 42.7	1.694	2.505	16.1	18.2
10 28	4 25.47	+19 34.9	1.632	2.523	12.4	18.0
11 7	4 17.90	+18 18.5	1.592	2.541	8.1	17.8
11 17	4 8.61	+16 57.2	1.578	2.559	3.6	17.6
11 27	3 58.80	+15 36.8	1.593	2.576	2.4	17.5
12 7	3 49.69	+14 23.6	1.638	2.594	6.6	17.8
12 17	3 42.29	+13 23.0	1.709	2.611	10.7	18.1
12 27	3 37.33	+12 38.5	1.804	2.629	14.1	18.4

160203 2002 BH_{31} 11 24.5 138.°85 3.°5/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 30.96	+11 55.0	1.931	2.737	14.7	20.2
10 28	4 25.66	+11 32.2	1.859	2.745	11.4	20.0
11 7	4 18.02	+11 10.5	1.809	2.752	7.8	19.8
11 17	4 8.71	+10 52.7	1.786	2.760	4.4	19.7
11 27	3 58.74	+10 41.5	1.791	2.766	3.9	19.6
12 7	3 49.19	+10 39.3	1.825	2.773	6.9	19.8
12 17	3 41.05	+10 47.5	1.887	2.779	10.4	20.1
12 27	3 35.08	+11 6.8	1.973	2.784	13.6	20.3

386698 2009 WE_{39} 11 24.5 351.°31 0.°7/24.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 26.09	+23 0.2	1.169	2.011	20.0	21.2
10 28	4 23.70	+22 59.9	1.098	2.004	15.8	20.9
11 7	4 17.70	+22 49.6	1.044	1.999	10.6	20.6
11 17	4 8.85	+22 29.3	1.013	1.994	4.8	20.2
11 27	3 58.67	+22 1.0	1.005	1.991	1.6	20.0
12 7	3 49.00	+21 29.4	1.021	1.988	7.5	20.4
12 17	3 41.52	+21 0.6	1.061	1.988	13.1	20.7
12 27	3 37.39	+20 40.5	1.121	1.988	17.9	21.0

196479 2003 KU 11 24.5 180.°39 5.°0/26.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 36.62	+34 29.3	2.200	2.951	14.7	21.4
10 28	4 30.41	+35 11.4	2.111	2.953	12.1	21.2
11 7	4 21.42	+35 41.7	2.044	2.954	9.1	21.0
11 17	4 10.31	+35 56.0	2.002	2.954	6.3	20.8
11 27	3 58.19	+35 52.2	1.990	2.954	5.0	20.8
12 7	3 46.39	+35 31.4	2.007	2.953	6.5	20.9
12 17	3 36.15	+34 57.6	2.052	2.951	9.3	21.0
12 27	3 28.43	+34 17.2	2.123	2.948	12.3	21.2

72673 2001 FW_{53} 11 24.5 273.°45 4.°0/21.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 24.98	+12 6.8	2.338	3.145	12.4	19.3
10 28	4 20.81	+10 57.3	2.244	3.131	9.7	19.1
11 7	4 14.75	+ 9 45.4	2.174	3.116	6.8	18.9
11 17	4 7.29	+ 8 34.9	2.132	3.101	4.4	18.7
11 27	3 59.21	+ 7 30.8	2.120	3.086	4.4	18.7
12 7	3 51.34	+ 6 37.3	2.136	3.071	6.9	18.8
12 17	3 44.50	+ 5 57.8	2.181	3.056	10.0	19.0
12 27	3 39.35	+ 5 34.2	2.250	3.041	12.8	19.1

216352 2007 YB_{53} 11 24.5 224.°67 1.°7/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 28.28	+17 11.8	2.007	2.815	14.1	21.3
10 28	4 23.68	+16 51.2	1.924	2.813	10.9	21.1
11 7	4 16.79	+16 27.4	1.863	2.811	7.3	20.8
11 17	4 8.22	+16 2.1	1.829	2.808	3.4	20.6
11 27	3 58.91	+15 37.9	1.823	2.806	2.2	20.5
12 7	3 49.92	+15 17.7	1.846	2.803	5.9	20.7
12 17	3 42.24	+15 4.3	1.898	2.801	9.7	21.0
12 27	3 36.65	+14 59.9	1.973	2.798	13.1	21.2

322561 2011 YL_{58} 11 24.5 162.°02 1.°1/24.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 28.18	+18 20.9	2.114	2.918	13.6	21.0
10 28	4 23.49	+18 8.9	2.032	2.919	10.5	20.8
11 7	4 16.61	+17 53.4	1.973	2.920	7.0	20.6
11 17	4 8.13	+17 35.6	1.940	2.920	3.1	20.4
11 27	3 58.96	+17 17.5	1.937	2.921	1.6	20.3
12 7	3 50.13	+17 1.6	1.963	2.922	5.4	20.5
12 17	3 42.54	+16 50.3	2.017	2.922	9.1	20.8
12 27	3 36.96	+16 46.2	2.096	2.923	12.4	21.0

460709 2014 UX_{218} 11 24.5 352.°16 14.°3/29.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 32.06	+50 26.4	1.606	2.324	20.6	19.7
10 28	4 29.55	+52 33.9	1.530	2.313	18.7	19.5
11 7	4 22.47	+54 20.5	1.471	2.303	16.8	19.3
11 17	4 11.32	+55 35.0	1.430	2.295	15.2	19.2
11 27	3 57.78	+56 8.2	1.410	2.289	14.4	19.2
12 7	3 44.41	+55 57.7	1.411	2.284	14.6	19.2
12 17	3 33.74	+55 8.2	1.432	2.280	15.9	19.2
12 27	3 27.59	+53 51.3	1.473	2.278	17.7	19.4

513149 2003 KO_8 11 24.5 186.°08 4.°2/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 30.20	+10 31.3	2.021	2.825	14.1	22.2
10 28	4 25.04	+ 9 52.0	1.941	2.825	11.1	22.0
11 7	4 17.62	+ 9 13.7	1.884	2.825	7.8	21.8
11 17	4 8.58	+ 8 40.0	1.854	2.824	4.8	21.6
11 27	3 58.82	+ 8 14.6	1.853	2.822	4.6	21.6
12 7	3 49.42	+ 8 0.6	1.880	2.820	7.4	21.8
12 17	3 41.33	+ 7 59.7	1.935	2.818	10.7	22.0
12 27	3 35.29	+ 8 12.5	2.014	2.815	13.8	22.2

374812 2006 UK_{68} 11 24.5 353.°36 0.°8/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 32.56	+20 51.7	1.317	2.142	19.2	20.1
10 28	4 28.40	+21 23.1	1.243	2.140	15.1	19.9
11 7	4 20.68	+21 50.8	1.188	2.138	10.1	19.6
11 17	4 10.16	+22 13.0	1.156	2.137	4.6	19.3
11 27	3 58.27	+22 28.8	1.150	2.136	1.6	19.1
12 7	3 46.83	+22 39.5	1.171	2.136	7.2	19.4
12 17	3 37.48	+22 48.2	1.216	2.136	12.5	19.7
12 27	3 31.43	+22 59.1	1.283	2.136	17.0	20.0

415205 2012 HG_{17} 11 24.5 159.°73 2.°9/23.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 26.54	+11 35.1	2.520	3.320	11.8	21.2
10 28	4 21.80	+11 19.5	2.439	3.322	9.2	21.1
11 7	4 15.28	+11 5.2	2.382	3.324	6.3	20.9
11 17	4 7.51	+10 54.1	2.352	3.325	3.6	20.7
11 27	3 59.19	+10 48.3	2.353	3.327	3.2	20.7
12 7	3 51.14	+10 49.4	2.383	3.328	5.6	20.8
12 17	3 44.09	+10 58.4	2.441	3.330	8.5	21.0
12 27	3 38.64	+11 16.1	2.526	3.331	11.2	21.2

403630 2010 RW_{183} 11 24.5 6°.39 2°.8/25.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 29.79	+28 29.0	1.996	2.784	14.9	21.1
10 28	4 25.13	+28 47.0	1.912	2.784	11.8	20.8
11 7	4 17.90	+28 55.2	1.849	2.784	8.3	20.6
11 17	4 8.76	+28 51.9	1.813	2.784	4.7	20.4
11 27	3 58.76	+28 36.9	1.804	2.785	2.9	20.3
12 7	3 49.11	+28 12.2	1.824	2.785	5.6	20.5
12 17	3 40.93	+27 42.0	1.872	2.785	9.2	20.7
12 27	3 35.09	+27 11.4	1.945	2.786	12.6	20.9

244244 2002 CW_{119} 11 24.5 220°.73 1°.4/25.1 18

10 18	4 31.03	+25 48.8	1.849	2.646	15.5	20.3
10 28	4 26.21	+25 39.1	1.761	2.642	12.3	20.1
11 7	4 18.68	+25 19.2	1.695	2.637	8.4	19.8
11 17	4 9.12	+24 48.5	1.655	2.633	4.0	19.6
11 27	3 58.64	+24 8.6	1.643	2.628	1.6	19.4
12 7	3 48.55	+23 23.1	1.659	2.622	5.7	19.6
12 17	3 40.02	+22 37.3	1.704	2.617	10.0	19.9
12 27	3 33.97	+21 56.5	1.773	2.611	13.7	20.1

510550 2012 KT_{43} 11 24.5 57°.20 1°.2/24.2 18

10 18	4 36.73	+17 18.4	1.225	2.050	20.3	20.7
10 28	4 31.06	+17 33.6	1.181	2.079	15.6	20.5
11 7	4 21.94	+17 46.9	1.157	2.108	10.2	20.3
11 17	4 10.46	+17 58.0	1.156	2.137	4.5	20.1
11 27	3 58.27	+18 8.1	1.181	2.167	2.0	20.0
12 7	3 47.13	+18 19.0	1.233	2.196	7.3	20.4
12 17	3 38.43	+18 33.3	1.311	2.225	12.2	20.8
12 27	3 33.02	+18 53.2	1.410	2.255	16.2	21.1

139770 2001 QV_{293} 11 24.5 40°.41 6°.7/27.1 18

10 18	4 33.93	+36 25.8	1.830	2.594	16.9	19.5
10 28	4 28.95	+37 28.2	1.753	2.599	14.0	19.3
11 7	4 20.77	+38 16.5	1.697	2.604	10.9	19.1
11 17	4 10.12	+38 45.1	1.665	2.610	8.0	19.0
11 27	3 58.31	+38 50.8	1.659	2.616	6.7	18.9
12 7	3 46.92	+38 34.5	1.681	2.622	8.0	19.0
12 17	3 37.40	+38 0.9	1.728	2.628	10.7	19.2
12 27	3 30.83	+37 18.0	1.800	2.634	13.7	19.4

268336 2005 ST_{114} 11 24.5 74°.48 0°.3/24.6 18

10 18	4 34.64	+22 58.2	1.472	2.283	18.2	20.6
10 28	4 29.05	+22 42.5	1.419	2.309	14.1	20.4
11 7	4 20.44	+22 17.8	1.387	2.334	9.3	20.2
11 17	4 9.78	+21 44.9	1.380	2.360	4.1	19.9
11 27	3 58.50	+21 6.6	1.400	2.386	1.3	19.8
12 7	3 48.11	+20 27.7	1.448	2.411	6.4	20.2
12 17	3 39.82	+19 53.3	1.522	2.436	10.9	20.5
12 27	3 34.43	+19 27.8	1.620	2.460	14.7	20.8

370001 1999 TX_{128} 11 24.5 34°.04 5°.0/22.7 18

10 18	4 27.79	+15 20.3	0.983	1.840	21.8	19.7
10 28	4 24.69	+14 3.3	0.944	1.859	16.8	19.5
11 7	4 17.96	+12 42.9	0.922	1.879	11.3	19.3
11 17	4 8.76	+11 27.1	0.922	1.900	6.2	19.1
11 27	3 58.85	+10 24.6	0.945	1.923	5.7	19.2
12 7	3 50.02	+ 9 42.4	0.991	1.946	10.1	19.5
12 17	3 43.65	+ 9 23.8	1.060	1.970	14.9	19.8
12 27	3 40.57	+ 9 28.3	1.148	1.995	19.0	20.2

154914 2004 ST_{8} 11 24.5 1°.36 0°.2/24.4 18

10 18	4 26.58	+21 40.6	1.922	2.732	14.6	20.0
10 28	4 22.53	+21 24.6	1.842	2.731	11.3	19.8
11 7	4 16.11	+21 2.0	1.783	2.731	7.5	19.6
11 17	4 7.95	+20 33.7	1.750	2.731	3.3	19.3
11 27	3 59.05	+20 1.9	1.746	2.731	1.2	19.2
12 7	3 50.52	+19 29.9	1.770	2.732	5.5	19.5
12 17	3 43.38	+19 1.6	1.821	2.733	9.5	19.7
12 27	3 38.40	+18 40.5	1.897	2.734	13.0	19.9

73460 2002 NM_{50} 11 24.5 129°.67 3°.9/26.7 18

10 18	4 29.63	+33 24.5	2.407	3.170	13.3	19.4
10 28	4 24.66	+33 46.3	2.321	3.172	10.8	19.2
11 7	4 17.41	+33 56.8	2.258	3.175	8.0	19.0
11 17	4 8.51	+33 53.9	2.220	3.178	5.3	18.9
11 27	3 58.87	+33 36.8	2.210	3.180	3.9	18.8
12 7	3 49.56	+33 7.4	2.230	3.182	5.4	18.9
12 17	3 41.55	+32 29.4	2.279	3.185	8.2	19.1
12 27	3 35.61	+31 47.8	2.353	3.187	10.9	19.3

513412 2008 SL_{235} 11 24.5 130°.52 0°.1/24.6 18

10 18	4 33.24	+21 40.9	1.913	2.709	15.1	22.4
10 28	4 27.56	+21 38.4	1.839	2.721	11.7	22.2
11 7	4 19.36	+21 30.0	1.789	2.733	7.8	22.0
11 17	4 9.34	+21 15.6	1.765	2.745	3.4	21.8
11 27	3 58.62	+20 56.8	1.769	2.755	1.1	21.6
12 7	3 48.39	+20 36.2	1.804	2.766	5.5	21.9
12 17	3 39.73	+20 17.4	1.867	2.775	9.5	22.2
12 27	3 33.44	+20 3.7	1.954	2.784	13.0	22.4

11927 Mount Kent 11 24.5 113°.21 7°.1/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 30.53	+ 2 25.3	1.821	2.622	15.6	16.8
10 28	4 25.40	+ 1 49.8	1.754	2.628	12.6	16.7
11 7	4 17.90	+ 1 23.4	1.710	2.634	9.6	16.5
11 17	4 8.70	+ 1 10.7	1.690	2.641	7.4	16.4
11 27	3 58.83	+ 1 15.6	1.698	2.646	7.4	16.4
12 7	3 49.40	+ 1 39.5	1.733	2.652	9.5	16.5
12 17	3 41.43	+ 2 21.9	1.794	2.658	12.4	16.7
12 27	3 35.66	+ 3 20.1	1.877	2.663	15.2	16.9

389438 2010 CF_{94} 11 24.5 185°.59 6°.9/21.2 18

10 18	4 28.59	+ 4 16.7	1.915	2.720	14.8	21.4
10 28	4 23.86	+ 3 9.4	1.842	2.720	12.0	21.2
11 7	4 16.87	+ 2 7.3	1.793	2.719	9.1	21.1
11 17	4 8.26	+ 1 16.2	1.769	2.719	7.2	20.9
11 27	3 58.97	+ 0 41.4	1.772	2.718	7.4	20.9
12 7	3 50.07	+ 0 26.3	1.803	2.717	9.5	21.1
12 17	3 42.49	+ 0 32.1	1.859	2.715	12.4	21.3
12 27	3 36.98	+ 0 57.6	1.938	2.713	15.2	21.4

450637 2006 UU_{5} 11 24.5 41°.24 0°.9/24.1 18

10 18	4 28.36	+19 20.1	1.774	2.587	15.4	21.4
10 28	4 24.00	+19 6.2	1.701	2.593	12.0	21.1
11 7	4 17.11	+18 47.6	1.650	2.599	7.9	20.9
11 17	4 8.40	+18 25.5	1.624	2.605	3.5	20.7
11 27	3 58.94	+18 2.3	1.626	2.611	1.6	20.5
12 7	3 49.93	+17 41.2	1.657	2.618	6.0	20.9
12 17	3 42.44	+17 25.5	1.715	2.625	10.1	21.1
12 27	3 37.29	+17 17.9	1.796	2.632	13.7	21.4

50689 2000 EJ_{119} 11 24.5 204°.25 4°.7/26.3 18

10 18	4 34.71	+32 57.9	2.235	2.994	14.3	18.9
10 28	4 28.96	+33 46.8	2.142	2.990	11.7	18.7
11 7	4 20.51	+34 25.7	2.072	2.987	8.8	18.6
11 17	4 9.98	+34 50.7	2.027	2.983	5.9	18.4
11 27	3 58.39	+34 59.5	2.012	2.978	4.7	18.3
12 7	3 47.01	+34 52.4	2.026	2.973	6.3	18.4
12 17	3 37.06	+34 32.8	2.068	2.968	9.2	18.6
12 27	3 29.50	+34 6.1	2.136	2.963	12.1	18.7

272982 2006 DG_{25} 11 24.5 356°.47 1°.4/25.2 17

10 18	4 27.36	+25 10.5	2.053	2.851	14.2	21.3
10 28	4 23.10	+25 13.6	1.969	2.850	11.1	21.1
11 7	4 16.48	+25 8.8	1.907	2.849	7.6	20.9
11 17	4 8.14	+24 55.7	1.871	2.849	3.7	20.7
11 27	3 59.03	+24 35.2	1.864	2.848	1.6	20.5
12 7	3 50.25	+24 9.6	1.885	2.848	5.1	20.8
12 17	3 42.81	+23 42.8	1.934	2.848	8.9	21.0
12 27	3 37.50	+23 18.6	2.009	2.849	12.3	21.2

44314 1998 RV_{15} 11 24.5 9°.17 8°.7/20.6 18

10 18	4 23.42	+ 5 55.0	1.329	2.170	18.1	17.8
10 28	4 20.69	+ 4 14.8	1.273	2.172	14.6	17.6
11 7	4 15.15	+ 2 39.5	1.237	2.175	11.2	17.4
11 17	4 7.59	+ 1 18.3	1.223	2.179	8.9	17.3
11 27	3 59.24	+ 0 20.1	1.234	2.184	9.3	17.4
12 7	3 51.46	− 0 9.6	1.269	2.191	12.0	17.5
12 17	3 45.41	− 0 9.6	1.326	2.198	15.4	17.8
12 27	3 41.93	+ 0 17.7	1.402	2.206	18.5	18.0

214602 2006 QM_{167} 11 24.5 345°.55 4°.8/22.6 18

10 18	4 27.14	+ 9 59.3	1.729	2.549	15.5	20.0
10 28	4 23.08	+ 9 20.3	1.654	2.546	12.2	19.8
11 7	4 16.54	+ 8 43.4	1.600	2.544	8.6	19.5
11 17	4 8.19	+ 8 12.8	1.572	2.542	5.5	19.4
11 27	3 59.03	+ 7 52.6	1.570	2.540	5.2	19.3
12 7	3 50.25	+ 7 46.0	1.596	2.539	8.2	19.5
12 17	3 42.90	+ 7 54.8	1.648	2.537	11.8	19.7
12 27	3 37.81	+ 8 18.8	1.722	2.536	15.2	19.9

37305 2001 HF_{55} 11 24.5 183°.30 2°.7/23.7 18

10 18	4 32.71	+14 34.0	1.665	2.477	16.4	19.1
10 28	4 27.57	+14 21.9	1.587	2.478	12.8	18.8
11 7	4 19.62	+14 9.4	1.531	2.478	8.6	18.6
11 17	4 9.57	+13 58.3	1.499	2.477	4.3	18.3
11 27	3 58.57	+13 51.1	1.496	2.477	3.1	18.3
12 7	3 47.99	+13 50.4	1.521	2.476	7.1	18.5
12 17	3 39.04	+13 58.4	1.572	2.475	11.4	18.8
12 27	3 32.66	+14 16.4	1.648	2.473	15.2	19.0

333519 2005 OC_{21} 11 24.5 148°.28 2°.1/25.5 18

10 18	4 35.41	+27 14.2	1.944	2.726	15.4	22.0
10 28	4 29.37	+27 20.6	1.866	2.737	12.2	21.8
11 7	4 20.63	+27 16.9	1.811	2.746	8.4	21.6
11 17	4 9.95	+27 1.9	1.781	2.755	4.4	21.3
11 27	3 58.47	+26 35.8	1.781	2.764	2.2	21.2
12 7	3 47.51	+26 1.8	1.810	2.771	5.5	21.5
12 17	3 38.21	+25 24.4	1.868	2.778	9.4	21.7
12 27	3 31.42	+24 49.0	1.951	2.784	12.9	21.9

223638 2004 KS_{15} 11 24.5 206°.88 1°.7/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 30.58	+19 14.4	1.705	2.517	16.0	20.8
10 28	4 25.89	+18 32.1	1.623	2.515	12.5	20.6
11 7	4 18.48	+17 42.8	1.563	2.512	8.3	20.3
11 17	4 9.07	+16 48.7	1.529	2.509	3.8	20.1
11 27	3 58.78	+15 54.0	1.523	2.506	2.4	20.0
12 7	3 48.93	+15 4.1	1.545	2.502	6.7	20.2
12 17	3 40.69	+14 23.6	1.594	2.499	11.1	20.5
12 27	3 34.94	+13 56.4	1.667	2.495	14.9	20.7

434898 2006 SG_{411} 11 24.5 26°.19 2°.4/23.5 18

10 18	4 28.18	+19 42.0	1.191	2.032	19.8	20.7
10 28	4 24.87	+18 43.9	1.130	2.037	15.4	20.5
11 7	4 18.15	+17 35.9	1.088	2.044	10.2	20.2
11 17	4 8.97	+16 22.6	1.069	2.051	4.6	19.9
11 27	3 58.84	+15 11.0	1.075	2.058	3.2	19.8
12 7	3 49.47	+14 9.0	1.106	2.067	8.3	20.2
12 17	3 42.28	+13 22.9	1.161	2.076	13.5	20.5
12 27	3 38.21	+12 56.5	1.237	2.085	17.8	20.8

440069 2002 RY_{260} 11 24.5 0°.82 6°.6/23.1 18

10 18	4 28.74	+ 5 1.9	1.463	2.286	17.6	20.1
10 28	4 24.74	+ 4 47.6	1.394	2.284	14.2	19.9
11 7	4 17.87	+ 4 43.1	1.345	2.284	10.4	19.7
11 17	4 8.85	+ 4 52.6	1.320	2.283	7.3	19.5
11 27	3 58.87	+ 5 19.6	1.320	2.284	6.9	19.5
12 7	3 49.34	+ 6 4.8	1.346	2.286	9.7	19.7
12 17	3 41.49	+ 7 6.8	1.397	2.288	13.4	19.9
12 27	3 36.27	+ 8 22.7	1.469	2.291	16.9	20.1

115097 2003 SK_{18} 11 24.5 356°.86 0°.7/24.3 18

10 18	4 24.21	+18 0.4	2.241	3.050	12.8	18.0
10 28	4 20.42	+18 11.2	2.157	3.046	9.9	17.8
11 7	4 14.62	+18 20.5	2.095	3.043	6.5	17.6
11 17	4 7.33	+18 28.6	2.060	3.041	2.9	17.4
11 27	3 59.37	+18 36.2	2.054	3.040	1.3	17.3
12 7	3 51.63	+18 44.8	2.077	3.039	4.9	17.5
12 17	3 44.99	+18 55.7	2.129	3.039	8.4	17.7
12 27	3 40.14	+19 10.6	2.205	3.039	11.5	17.9

59205 1999 BD_{10} 11 24.5 298°.20 6°.2/26.9 18

10 18	4 31.80	+34 49.9	1.545	2.331	18.6	19.5
10 28	4 28.02	+35 23.4	1.450	2.314	15.4	19.3
11 7	4 20.63	+35 40.8	1.374	2.296	11.7	19.0
11 17	4 10.28	+35 36.5	1.321	2.279	8.1	18.8
11 27	3 58.36	+35 7.5	1.293	2.262	6.2	18.6
12 7	3 46.69	+34 15.7	1.291	2.245	8.2	18.7
12 17	3 37.04	+33 8.1	1.314	2.229	12.2	18.9
12 27	3 30.71	+31 55.0	1.360	2.212	16.2	19.1

415413 2013 PJ_{57} 11 24.5 294°.77 1°.6/25.5 17

10 18	4 27.00	+27 51.8	2.335	3.121	13.0	21.0
10 28	4 22.54	+27 34.3	2.246	3.119	10.3	20.8
11 7	4 15.98	+27 6.7	2.180	3.117	7.1	20.6
11 17	4 7.91	+26 28.8	2.141	3.116	3.6	20.4
11 27	3 59.22	+25 42.4	2.131	3.114	1.7	20.2
12 7	3 50.86	+24 50.6	2.150	3.113	4.7	20.4
12 17	3 43.73	+23 57.7	2.199	3.111	8.1	20.6
12 27	3 38.51	+23 8.5	2.274	3.110	11.2	20.8

182659 2001 UK_{196} 11 24.5 3°.84 1°.9/25.4 18

10 18	4 28.39	+26 18.8	1.751	2.555	16.0	20.7
10 28	4 24.33	+26 24.4	1.671	2.555	12.6	20.5
11 7	4 17.54	+26 20.2	1.613	2.555	8.7	20.3
11 17	4 8.70	+26 5.3	1.579	2.556	4.4	20.0
11 27	3 58.96	+25 40.3	1.573	2.557	2.1	19.9
12 7	3 49.63	+25 8.5	1.594	2.558	5.8	20.1
12 17	3 41.91	+24 34.4	1.642	2.560	10.0	20.4
12 27	3 36.70	+24 3.4	1.715	2.562	13.7	20.6

348741 2006 GK_{25} 11 24.5 10°.68 1°.3/24.9 18

10 18	4 30.27	+23 26.6	1.523	2.338	17.5	20.0
10 28	4 26.14	+23 41.1	1.448	2.339	13.7	19.7
11 7	4 18.92	+23 48.3	1.393	2.340	9.3	19.5
11 17	4 9.37	+23 46.9	1.363	2.342	4.4	19.2
11 27	3 58.75	+23 37.5	1.359	2.344	1.7	19.0
12 7	3 48.60	+23 22.7	1.382	2.347	6.4	19.3
12 17	3 40.27	+23 6.7	1.431	2.350	11.1	19.6
12 27	3 34.79	+22 54.3	1.503	2.353	15.1	19.9

486197 2013 AW_{47} 11 24.5 301°.72 1°.2/24.2 18

10 18	4 31.65	+16 4.1	1.667	2.480	16.3	20.7
10 28	4 27.08	+16 26.4	1.575	2.467	12.8	20.4
11 7	4 19.57	+16 49.8	1.505	2.453	8.6	20.1
11 17	4 9.72	+17 14.3	1.459	2.440	3.9	19.8
11 27	3 58.62	+17 40.1	1.442	2.427	1.9	19.6
12 7	3 47.68	+18 7.9	1.453	2.414	6.6	19.9
12 17	3 38.25	+18 38.6	1.490	2.401	11.3	20.2
12 27	3 31.43	+19 13.7	1.551	2.389	15.4	20.4

305784 2009 DL_{53} 11 24.5 252°.21 2°.2/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 29.09	+16 0.9	1.864	2.675	14.9	21.3
10 28	4 24.54	+15 41.8	1.781	2.672	11.6	21.1
11 7	4 17.52	+15 20.4	1.721	2.669	7.7	20.9
11 17	4 8.68	+14 58.6	1.686	2.665	3.7	20.6
11 27	3 59.00	+14 39.3	1.680	2.662	2.6	20.5
12 7	3 49.66	+14 25.2	1.702	2.658	6.4	20.8
12 17	3 41.71	+14 19.1	1.751	2.654	10.4	21.0
12 27	3 36.00	+14 22.9	1.825	2.651	13.9	21.2

49225 1998 SV_{136} 11 24.5 44°.37 0°.2/24.6 18

10 18	4 31.28	+20 27.0	1.724	2.533	16.0	18.6
10 28	4 26.48	+20 45.5	1.649	2.538	12.5	18.4
11 7	4 18.94	+21 0.2	1.595	2.542	8.3	18.1
11 17	4 9.33	+21 10.5	1.566	2.547	3.7	17.9
11 27	3 58.80	+21 16.6	1.566	2.552	1.2	17.7
12 7	3 48.69	+21 20.2	1.594	2.557	5.9	18.0
12 17	3 40.19	+21 23.8	1.649	2.562	10.2	18.3
12 27	3 34.22	+21 30.5	1.728	2.567	14.0	18.5

515351 2013 CH_{32} 11 24.5 236°.09 4°.6/22.3 18

10 18	4 28.07	+ 8 46.9	2.167	2.971	13.3	22.2
10 28	4 23.37	+ 8 6.5	2.079	2.961	10.6	22.0
11 7	4 16.58	+ 7 28.1	2.015	2.952	7.6	21.8
11 17	4 8.24	+ 6 55.4	1.977	2.942	5.1	21.6
11 27	3 59.18	+ 6 32.0	1.967	2.932	5.0	21.6
12 7	3 50.36	+ 6 20.8	1.987	2.921	7.4	21.8
12 17	3 42.67	+ 6 23.4	2.033	2.910	10.5	21.9
12 27	3 36.85	+ 6 40.3	2.104	2.899	13.5	22.1

514594 2002 VG_{86} 11 24.5 341°.94 13°.9/22.7 18

10 18	4 39.98	+32 38.9	1.045	1.857	23.9	19.7
10 28	4 37.37	+36 28.3	0.965	1.838	20.5	19.4
11 7	4 29.17	+40 25.3	0.905	1.821	17.0	19.1
11 17	4 15.14	+44 9.6	0.867	1.805	14.4	18.9
11 27	3 56.58	+47 16.5	0.853	1.792	14.1	18.8
12 7	3 36.62	+49 28.3	0.862	1.780	16.6	18.9
12 17	3 19.29	+50 43.1	0.891	1.771	20.2	19.1
12 27	3 7.97	+51 14.7	0.937	1.763	23.9	19.3

118639 2000 HM_{73} 11 24.5 271°.10 8°.0/21.5 18

10 18	4 29.35	+ 3 28.7	1.602	2.416	16.8	20.0
10 28	4 25.05	+ 2 27.3	1.525	2.407	13.7	19.8
11 7	4 18.04	+ 1 32.6	1.469	2.397	10.6	19.6
11 17	4 8.97	+ 0 51.5	1.437	2.388	8.3	19.5
11 27	3 58.94	+ 0 30.3	1.431	2.379	8.5	19.4
12 7	3 49.25	+ 0 32.7	1.450	2.369	11.0	19.6
12 17	3 41.09	+ 0 59.3	1.494	2.360	14.3	19.7
12 27	3 35.38	+ 1 47.9	1.558	2.350	17.5	19.9

328936 2010 VS_{27} 11 24.5 357°.55 0°.1/24.5 18

10 18	4 30.99	+20 37.8	1.241	2.073	19.7	20.4
10 28	4 27.31	+20 42.8	1.170	2.071	15.4	20.2
11 7	4 20.03	+20 41.7	1.118	2.070	10.3	19.9
11 17	4 9.97	+20 34.5	1.088	2.070	4.6	19.6
11 27	3 58.62	+20 22.6	1.084	2.069	1.5	19.4
12 7	3 47.80	+20 9.5	1.104	2.070	7.5	19.7
12 17	3 39.14	+19 59.7	1.150	2.071	12.9	20.0
12 27	3 33.81	+19 57.5	1.216	2.072	17.6	20.3

448470 2010 GP_{25} 11 24.6 180°.49 3°.4/26.2 18

10 18	4 33.50	+31 17.0	2.239	3.005	14.1	21.9
10 28	4 27.83	+31 35.4	2.150	3.006	11.4	21.8
11 7	4 19.65	+31 42.9	2.083	3.007	8.2	21.6
11 17	4 9.63	+31 37.2	2.043	3.007	5.0	21.4
11 27	3 58.77	+31 17.7	2.031	3.007	3.5	21.3
12 7	3 48.25	+30 46.3	2.050	3.006	5.5	21.4
12 17	3 39.16	+30 7.3	2.097	3.004	8.7	21.6
12 27	3 32.34	+29 26.1	2.170	3.002	11.8	21.8

325483 2009 RJ_{8} 11 24.6 14°.30 0°.5/24.8 17

10 18	4 27.11	+23 3.9	1.947	2.752	14.6	20.9
10 28	4 22.97	+22 56.7	1.867	2.754	11.3	20.7
11 7	4 16.46	+22 42.5	1.810	2.756	7.6	20.4
11 17	4 8.22	+22 21.4	1.779	2.759	3.4	20.2
11 27	3 59.23	+21 55.2	1.776	2.762	1.1	20.0
12 7	3 50.63	+21 26.9	1.801	2.765	5.3	20.3
12 17	3 43.41	+21 0.2	1.854	2.768	9.2	20.6
12 27	3 38.37	+20 38.7	1.932	2.772	12.7	20.8

364967 2008 GN_{145} 11 24.6 161°.90 0°.3/24.4 18

10 18	4 29.05	+19 53.0	2.359	3.153	12.7	21.8
10 28	4 24.00	+19 52.7	2.275	3.156	9.8	21.6
11 7	4 16.92	+19 48.8	2.215	3.159	6.5	21.4
11 17	4 8.37	+19 41.6	2.182	3.162	2.8	21.2
11 27	3 59.18	+19 32.2	2.178	3.164	1.0	21.1
12 7	3 50.28	+19 22.6	2.205	3.166	4.8	21.3
12 17	3 42.53	+19 15.0	2.261	3.168	8.2	21.5
12 27	3 36.62	+19 11.6	2.344	3.169	11.3	21.8

227175 2005 QP_{42} 11 24.6 30°.47 1°.9/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 29.05	+18 0.6	1.118	1.963	20.5	19.7
10 28	4 25.67	+17 44.0	1.067	1.976	15.9	19.5
11 7	4 18.75	+17 22.9	1.034	1.990	10.5	19.2
11 17	4 9.30	+16 59.7	1.024	2.005	4.7	19.0
11 27	3 58.92	+16 38.2	1.037	2.022	2.6	18.9
12 7	3 49.40	+16 22.8	1.076	2.039	8.0	19.3
12 17	3 42.20	+16 17.1	1.138	2.058	13.1	19.6
12 27	3 38.25	+16 23.6	1.220	2.077	17.5	19.9

20605 1999 RX_{209} 11 24.6 137°.65 6°.3/27.9 18

10 18	4 37.20	+39 21.6	2.166	2.900	15.4	18.9
10 28	4 30.98	+40 1.0	2.088	2.911	12.9	18.8
11 7	4 21.86	+40 24.7	2.031	2.922	10.2	18.6
11 17	4 10.61	+40 28.1	1.998	2.933	7.6	18.5
11 27	3 58.47	+40 9.2	1.993	2.942	6.3	18.4
12 7	3 46.84	+39 29.9	2.016	2.952	7.3	18.5
12 17	3 37.00	+38 35.4	2.067	2.960	9.6	18.7
12 27	3 29.85	+37 33.2	2.144	2.968	12.2	18.9

418795 2008 UM_{366} 11 24.6 57°.79 0°.1/24.5 18

10 18	4 27.42	+20 59.4	2.188	2.989	13.3	21.6
10 28	4 22.80	+20 54.1	2.118	3.003	10.3	21.4
11 7	4 16.12	+20 44.0	2.071	3.017	6.8	21.2
11 17	4 8.00	+20 29.8	2.051	3.032	3.0	21.0
11 27	3 59.33	+20 12.8	2.060	3.046	1.0	20.8
12 7	3 51.06	+19 55.6	2.099	3.061	4.8	21.2
12 17	3 44.05	+19 40.7	2.166	3.075	8.3	21.4
12 27	3 38.97	+19 30.7	2.258	3.090	11.4	21.6

511800 2015 FK_{72} 11 24.6 139°.66 2°.8/23.4 18

10 18	4 31.67	+15 39.2	1.703	2.515	16.0	22.4
10 28	4 26.60	+15 1.6	1.631	2.522	12.4	22.2
11 7	4 18.89	+14 21.1	1.581	2.529	8.3	22.0
11 17	4 9.28	+13 40.5	1.557	2.535	4.2	21.8
11 27	3 58.91	+13 4.0	1.561	2.541	3.3	21.7
12 7	3 49.05	+12 35.4	1.593	2.546	7.1	22.0
12 17	3 40.82	+12 18.1	1.652	2.552	11.2	22.2
12 27	3 35.04	+12 14.0	1.735	2.556	14.8	22.5

435522 2008 JF_{39} 11 24.6 216°.85 1°.5/24.0 18

10 18	4 33.48	+17 8.6	1.903	2.704	15.0	22.8
10 28	4 28.02	+17 0.9	1.812	2.696	11.7	22.6
11 7	4 19.93	+16 50.7	1.742	2.688	7.9	22.3
11 17	4 9.82	+16 38.9	1.699	2.679	3.6	22.0
11 27	3 58.72	+16 27.2	1.685	2.669	2.1	21.9
12 7	3 47.88	+16 18.2	1.701	2.658	6.2	22.2
12 17	3 38.46	+16 14.5	1.744	2.647	10.4	22.4
12 27	3 31.39	+16 18.6	1.813	2.635	14.2	22.6

350182 2011 UL_{188} 11 24.6 185°.59 1°.6/25.5 18

10 18	4 30.21	+28 27.8	2.084	2.869	14.4	20.3
10 28	4 25.25	+27 56.8	1.997	2.869	11.4	20.1
11 7	4 17.90	+27 13.2	1.931	2.869	7.8	19.9
11 17	4 8.83	+26 17.0	1.893	2.868	4.0	19.6
11 27	3 59.08	+25 10.7	1.883	2.867	1.7	19.5
12 7	3 49.77	+23 58.8	1.904	2.866	5.1	19.7
12 17	3 41.91	+22 47.2	1.953	2.865	8.9	19.9
12 27	3 36.26	+21 41.7	2.028	2.864	12.4	20.2

249399 2009 BN_{187} 11 24.6 187°.22 7°.1/28.2 18

10 18	4 35.51	+41 14.0	2.162	2.892	15.6	20.5
10 28	4 29.94	+41 57.9	2.075	2.892	13.3	20.4
11 7	4 21.36	+42 25.5	2.008	2.892	10.7	20.2
11 17	4 10.48	+42 31.8	1.965	2.891	8.3	20.0
11 27	3 58.54	+42 14.0	1.948	2.890	7.1	20.0
12 7	3 47.01	+41 33.4	1.959	2.888	7.9	20.0
12 17	3 37.22	+40 35.1	1.997	2.887	10.1	20.2
12 27	3 30.17	+39 27.0	2.061	2.885	12.6	20.3

185675 1995 SN_{79} 11 24.6 30°.04 0°.6/24.8 18

10 18	4 28.25	+23 15.2	1.864	2.670	15.1	20.9
10 28	4 23.95	+23 9.0	1.787	2.674	11.8	20.7
11 7	4 17.17	+22 55.2	1.732	2.678	7.9	20.5
11 17	4 8.56	+22 34.3	1.702	2.682	3.6	20.2
11 27	3 59.19	+22 7.7	1.701	2.687	1.1	20.1
12 7	3 50.24	+21 38.6	1.728	2.691	5.5	20.4
12 17	3 42.76	+21 11.0	1.782	2.696	9.5	20.6
12 27	3 37.58	+20 48.9	1.861	2.702	13.1	20.9

398348 2011 QM_{97} 11 24.6 30°.53 6°.4/21.3 18

10 18	4 26.54	+ 9 25.8	1.586	2.412	16.4	21.2
10 28	4 22.71	+ 7 55.0	1.522	2.417	13.0	21.0
11 7	4 16.35	+ 6 24.7	1.481	2.422	9.4	20.8
11 17	4 8.18	+ 5 2.2	1.464	2.427	6.8	20.7
11 27	3 59.33	+ 3 54.8	1.474	2.433	7.0	20.7
12 7	3 50.99	+ 3 8.1	1.510	2.439	9.8	20.9
12 17	3 44.23	+ 2 45.0	1.571	2.446	13.2	21.1
12 27	3 39.81	+ 2 45.0	1.653	2.453	16.4	21.3

156177 2001 TF_{181} 11 24.6 334°.87 2°.9/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 31.77	+27 16.5	1.519	2.326	17.9	20.2
10 28	4 27.55	+27 38.2	1.439	2.323	14.3	19.9
11 7	4 20.04	+27 49.4	1.379	2.320	10.0	19.7
11 17	4 9.98	+27 47.4	1.343	2.318	5.4	19.4
11 27	3 58.72	+27 31.7	1.333	2.316	3.0	19.3
12 7	3 47.89	+27 5.0	1.350	2.314	6.7	19.5
12 17	3 38.97	+26 32.6	1.393	2.312	11.3	19.7
12 27	3 33.07	+26 1.2	1.459	2.310	15.4	20.0

235132 2003 QP_{57} 11 24.6 156°.62 4°.3/22.6 18 R

10 18	4 30.28	+ 9 37.1	2.127	2.927	13.7	21.2
10 28	4 24.97	+ 8 57.2	2.053	2.934	10.7	21.0
11 7	4 17.56	+ 8 19.4	2.003	2.941	7.6	20.8
11 17	4 8.67	+ 7 46.8	1.979	2.946	4.9	20.6
11 27	3 59.18	+ 7 23.1	1.985	2.952	4.7	20.6
12 7	3 50.07	+ 7 11.0	2.019	2.956	7.2	20.8
12 17	3 42.22	+ 7 11.9	2.082	2.960	10.3	21.0
12 27	3 36.32	+ 7 26.0	2.169	2.964	13.1	21.2

247272 2001 SU_{92} 11 24.6 69°.03 0°.2/24.6 18

10 18	4 30.25	+22 24.9	1.822	2.627	15.4	21.1
10 28	4 25.35	+22 12.5	1.758	2.645	12.0	21.0
11 7	4 17.97	+21 52.9	1.716	2.662	7.9	20.8
11 17	4 8.86	+21 27.0	1.699	2.679	3.5	20.5
11 27	3 59.13	+20 56.8	1.711	2.697	1.1	20.4
12 7	3 49.98	+20 25.9	1.751	2.714	5.5	20.7
12 17	3 42.41	+19 58.0	1.820	2.732	9.5	21.0
12 27	3 37.18	+19 36.9	1.912	2.749	12.9	21.3

273174 2006 HQ_{75} 11 24.6 266°.49 4°.3/22.3 18

10 18	4 25.97	+ 7 33.5	2.522	3.320	11.8	21.6
10 28	4 21.53	+ 7 1.5	2.426	3.304	9.4	21.4
11 7	4 15.29	+ 6 32.4	2.354	3.288	6.8	21.3
11 17	4 7.71	+ 6 9.1	2.309	3.272	4.7	21.1
11 27	3 59.48	+ 5 54.6	2.293	3.255	4.6	21.1
12 7	3 51.40	+ 5 51.1	2.307	3.238	6.7	21.2
12 17	3 44.23	+ 5 59.9	2.348	3.221	9.5	21.3
12 27	3 38.63	+ 6 21.2	2.415	3.204	12.1	21.5

487505 2014 SK_{340} 11 24.6 129°.91 1°.2/23.8 18

10 18	4 27.29	+18 26.6	2.729	3.520	11.2	22.0
10 28	4 22.23	+17 56.0	2.654	3.534	8.6	21.9
11 7	4 15.54	+17 22.0	2.603	3.547	5.7	21.7
11 17	4 7.73	+16 45.9	2.581	3.560	2.6	21.5
11 27	3 59.51	+16 10.2	2.589	3.572	1.6	21.4
12 7	3 51.62	+15 37.4	2.629	3.584	4.5	21.7
12 17	3 44.74	+15 9.9	2.698	3.596	7.4	21.9
12 27	3 39.42	+14 49.8	2.794	3.607	10.0	22.1

330269 2006 SD_{76} 11 24.6 58°.57 0°.6/24.8 18

10 18	4 33.12	+22 7.5	1.341	2.162	19.1	20.5
10 28	4 28.60	+22 15.4	1.276	2.171	14.9	20.2
11 7	4 20.67	+22 16.0	1.231	2.180	10.0	20.0
11 17	4 10.22	+22 8.7	1.209	2.189	4.5	19.7
11 27	3 58.71	+21 54.7	1.213	2.199	1.4	19.5
12 7	3 47.87	+21 37.3	1.244	2.209	6.9	19.9
12 17	3 39.18	+21 21.2	1.300	2.218	11.9	20.2
12 27	3 33.65	+21 11.2	1.378	2.228	16.2	20.5

227097 2005 MV_{36} 11 24.6 58°.94 1°.4/25.1 18

10 18	4 35.01	+24 48.0	1.293	2.110	19.9	20.6
10 28	4 29.85	+24 47.5	1.245	2.136	15.5	20.4
11 7	4 21.27	+24 35.9	1.216	2.162	10.4	20.2
11 17	4 10.35	+24 12.9	1.210	2.189	4.8	19.9
11 27	3 58.72	+23 40.5	1.230	2.215	1.8	19.8
12 7	3 48.09	+23 3.6	1.277	2.242	6.7	20.2
12 17	3 39.84	+22 28.5	1.350	2.269	11.5	20.5
12 27	3 34.80	+22 0.6	1.445	2.295	15.6	20.9

6344 1993 VM 11 24.6 150°.63 2°.1/23.7 18 R

10 18	4 33.15	+17 38.4	1.653	2.463	16.5	17.7
10 28	4 27.89	+17 4.2	1.579	2.469	12.8	17.5
11 7	4 19.84	+16 25.2	1.528	2.476	8.5	17.3
11 17	4 9.77	+15 43.7	1.502	2.481	4.0	17.0
11 27	3 58.87	+15 3.7	1.504	2.486	2.7	16.9
12 7	3 48.52	+14 29.4	1.534	2.491	6.9	17.2
12 17	3 39.88	+14 4.8	1.592	2.495	11.3	17.5
12 27	3 33.84	+13 52.8	1.673	2.499	15.0	17.7

26197 Bormio 11 24.6 181°.00 0°.4/24.4 18 R

10 18	4 33.08	+21 28.3	2.090	2.881	14.2	19.5
10 28	4 27.38	+21 3.5	2.003	2.883	11.0	19.3
11 7	4 19.31	+20 31.8	1.940	2.884	7.3	19.1
11 17	4 9.50	+19 54.2	1.904	2.884	3.2	18.8
11 27	3 58.97	+19 12.9	1.898	2.883	1.2	18.7
12 7	3 48.81	+18 31.6	1.922	2.882	5.4	19.0
12 17	3 40.06	+17 54.3	1.975	2.879	9.3	19.2
12 27	3 33.49	+17 24.9	2.054	2.876	12.7	19.4

454368 2014 MJ_{43} 11 24.6 96°.15 2°.4/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 29.28	+29 47.4	2.235	3.014	13.8	20.7
10 28	4 24.37	+29 36.8	2.157	3.023	10.9	20.6
11 7	4 17.25	+29 14.8	2.101	3.033	7.6	20.4
11 17	4 8.57	+28 41.0	2.071	3.042	4.2	20.2
11 27	3 59.29	+27 56.5	2.070	3.051	2.4	20.1
12 7	3 50.46	+27 4.8	2.099	3.060	4.9	20.3
12 17	3 43.00	+26 10.6	2.157	3.069	8.2	20.5
12 27	3 37.62	+25 18.8	2.241	3.078	11.3	20.7

274305 2008 QE_{34} 11 24.6 53°.80 0°.5/24.3 18

10 18	4 26.78	+20 17.9	2.175	2.979	13.3	20.7
10 28	4 22.37	+20 2.4	2.101	2.988	10.3	20.5
11 7	4 15.90	+19 42.2	2.050	2.997	6.8	20.4
11 17	4 7.97	+19 18.2	2.026	3.007	3.0	20.1
11 27	3 59.48	+18 52.5	2.031	3.016	1.2	20.0
12 7	3 51.36	+18 27.9	2.065	3.026	5.0	20.3
12 17	3 44.48	+18 7.2	2.128	3.036	8.5	20.5
12 27	3 39.51	+17 53.1	2.216	3.046	11.6	20.8

336119 2008 NY_1 11 24.6 91°.63 4°.7/26.8 18

10 18	4 35.50	+33 35.3	1.653	2.431	17.8	20.6
10 28	4 30.04	+33 48.6	1.586	2.447	14.5	20.4
11 7	4 21.39	+33 45.4	1.539	2.463	10.6	20.2
11 17	4 10.46	+33 22.6	1.516	2.479	6.7	20.0
11 27	3 58.69	+32 40.2	1.520	2.494	4.7	19.9
12 7	3 47.68	+31 42.4	1.552	2.509	6.8	20.1
12 17	3 38.77	+30 36.7	1.611	2.524	10.4	20.3
12 27	3 32.85	+29 31.2	1.694	2.539	14.0	20.6

139133 2001 FR_{74} 11 24.6 198°.65 1°.7/25.1 18

10 18	4 34.84	+23 57.0	1.640	2.441	17.0	19.5
10 28	4 29.65	+24 22.5	1.557	2.440	13.5	19.3
11 7	4 21.33	+24 41.4	1.496	2.438	9.2	19.0
11 17	4 10.56	+24 51.6	1.459	2.436	4.5	18.7
11 27	3 58.63	+24 52.5	1.450	2.434	2.0	18.6
12 7	3 47.05	+24 45.6	1.469	2.432	6.3	18.9
12 17	3 37.26	+24 34.9	1.515	2.429	10.9	19.1
12 27	3 30.34	+24 25.2	1.585	2.426	14.9	19.4

324790 2007 HJ_7 11 24.6 148°.74 3°.0/26.0 18

10 18	4 33.44	+30 28.2	3.024	3.774	11.1	21.2
10 28	4 27.15	+31 10.5	2.937	3.784	8.9	21.0
11 7	4 18.94	+31 45.6	2.875	3.793	6.5	20.9
11 17	4 9.32	+32 11.3	2.841	3.802	4.1	20.7
11 27	3 59.04	+32 26.5	2.839	3.810	3.0	20.7
12 7	3 48.98	+32 31.5	2.867	3.818	4.5	20.8
12 17	3 39.93	+32 28.3	2.927	3.825	6.9	21.0
12 27	3 32.58	+32 20.2	3.014	3.832	9.2	21.1

296528 2009 OM_8 11 24.6 131°.52 1°.9/23.9 18

10 18	4 34.28	+17 19.9	1.688	2.495	16.4	21.6
10 28	4 28.66	+16 58.6	1.619	2.507	12.7	21.4
11 7	4 20.29	+16 33.8	1.572	2.519	8.4	21.2
11 17	4 9.96	+16 7.2	1.550	2.530	3.9	20.9
11 27	3 58.87	+15 41.7	1.557	2.540	2.4	20.9
12 7	3 48.35	+15 20.8	1.593	2.550	6.6	21.1
12 17	3 39.56	+15 7.8	1.656	2.560	10.9	21.4
12 27	3 33.34	+15 4.9	1.743	2.568	14.5	21.7

295119 2008 FH_{15} 11 24.6 56°.79 5°.6/22.9 18

10 18	4 31.13	+ 9 43.5	1.345	2.174	18.6	20.1
10 28	4 26.66	+ 9 2.6	1.289	2.186	14.6	19.9
11 7	4 19.16	+ 8 25.6	1.253	2.198	10.3	19.7
11 17	4 9.49	+ 7 57.4	1.240	2.211	6.5	19.5
11 27	3 59.02	+ 7 42.9	1.253	2.224	6.1	19.5
12 7	3 49.25	+ 7 45.2	1.292	2.237	9.4	19.7
12 17	3 41.42	+ 8 5.1	1.355	2.250	13.4	20.0
12 27	3 36.43	+ 8 41.3	1.439	2.264	17.1	20.3

458101 2010 CS_{11} 11 24.6 333°.00 5°.0/22.9 17

10 18	4 26.97	+ 7 7.3	1.890	2.702	14.7	20.5
10 28	4 22.92	+ 6 54.6	1.805	2.691	11.7	20.2
11 7	4 16.53	+ 6 47.8	1.742	2.680	8.4	20.0
11 17	4 8.36	+ 6 50.0	1.703	2.670	5.6	19.8
11 27	3 59.35	+ 7 4.1	1.693	2.660	5.3	19.8
12 7	3 50.56	+ 7 31.6	1.710	2.651	7.9	19.9
12 17	3 43.01	+ 8 12.4	1.754	2.642	11.3	20.1
12 27	3 37.55	+ 9 5.6	1.821	2.634	14.5	20.3

444471 2006 KX_{58} 11 24.6 189°.79 2°.4/23.2 18

10 18	4 29.38	+17 28.4	2.057	2.861	13.9	21.9
10 28	4 24.48	+16 30.1	1.973	2.860	10.8	21.7
11 7	4 17.36	+15 26.0	1.913	2.859	7.2	21.5
11 17	4 8.65	+14 19.3	1.879	2.858	3.6	21.3
11 27	3 59.28	+13 14.6	1.876	2.856	2.9	21.2
12 7	3 50.29	+12 16.6	1.902	2.853	6.3	21.5
12 17	3 42.61	+11 29.6	1.956	2.851	10.0	21.7
12 27	3 36.98	+10 56.5	2.036	2.848	13.2	21.9

262942 2007 DO_{32} 11 24.6 345°.14 0°.7/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 27.78	+23 10.5	1.882	2.688	15.0	20.7
10 28	4 23.70	+23 11.6	1.798	2.684	11.7	20.4
11 7	4 17.10	+23 6.0	1.736	2.681	7.9	20.2
11 17	4 8.62	+22 53.2	1.699	2.678	3.6	19.9
11 27	3 59.28	+22 34.6	1.690	2.676	1.2	19.7
12 7	3 50.26	+22 12.7	1.710	2.674	5.5	20.0
12 17	3 42.67	+21 51.2	1.757	2.672	9.6	20.3
12 27	3 37.35	+21 34.0	1.828	2.670	13.2	20.5

50442 2000 DL_{32} 11 24.6 65°.56 7°.7/21.7 18

10 18	4 29.28	+ 2 44.1	1.705	2.514	16.2	18.4
10 28	4 24.46	+ 1 41.6	1.657	2.535	13.1	18.3
11 7	4 17.30	+ 0 48.1	1.630	2.555	10.0	18.1
11 17	4 8.58	+ 0 9.6	1.628	2.576	7.9	18.1
11 27	3 59.34	− 0 9.2	1.653	2.596	8.0	18.1
12 7	3 50.72	− 0 6.2	1.704	2.617	10.0	18.3
12 17	3 43.65	+ 0 18.0	1.779	2.638	12.8	18.5
12 27	3 38.81	+ 1 0.7	1.877	2.658	15.4	18.7

406968 2009 QW_{14} 11 24.6 54°.28 4°.7/26.9 18

10 18	4 30.87	+34 4.3	2.089	2.856	14.9	20.8
10 28	4 26.05	+34 33.2	2.009	2.862	12.2	20.6
11 7	4 18.62	+34 49.4	1.951	2.868	9.1	20.5
11 17	4 9.27	+34 49.8	1.918	2.875	6.1	20.3
11 27	3 59.09	+34 33.4	1.913	2.881	4.7	20.2
12 7	3 49.31	+34 2.2	1.936	2.887	6.2	20.3
12 17	3 41.07	+33 20.8	1.986	2.894	9.1	20.5
12 27	3 35.23	+32 35.1	2.062	2.901	12.1	20.7

495893 2004 XT_9 11 24.6 6°.16 1°.6/25.2 18

10 18	4 23.57	+26 43.9	0.897	1.756	23.2	20.1
10 28	4 22.60	+26 21.1	0.840	1.755	18.4	19.8
11 7	4 17.41	+25 38.6	0.799	1.756	12.5	19.5
11 17	4 8.98	+24 36.9	0.778	1.759	6.0	19.2
11 27	3 59.19	+23 21.2	0.778	1.763	2.1	18.9
12 7	3 50.28	+22 1.5	0.800	1.770	8.3	19.3
12 17	3 44.06	+20 49.0	0.843	1.778	14.4	19.7
12 27	3 41.68	+19 52.7	0.905	1.788	19.6	20.0

515573 2014 HV_{131} 11 24.6 179°.61 6°.8/20.9 18

10 18	4 27.62	+ 4 9.8	2.042	2.845	14.1	21.7
10 28	4 23.04	+ 2 57.0	1.970	2.845	11.4	21.5
11 7	4 16.37	+ 1 49.1	1.921	2.846	8.7	21.4
11 17	4 8.22	+ 0 51.5	1.898	2.846	7.0	21.3
11 27	3 59.44	+ 0 9.7	1.903	2.846	7.2	21.3
12 7	3 51.01	− 0 13.0	1.936	2.846	9.2	21.4
12 17	3 43.81	− 0 15.1	1.994	2.845	11.9	21.6
12 27	3 38.54	+ 0 2.3	2.075	2.844	14.5	21.8

390268 2012 XL_{141} 11 24.6 48°.83 0°.7/24.8 18

10 18	4 31.70	+22 26.6	1.464	2.281	18.0	20.8
10 28	4 27.17	+22 35.5	1.402	2.294	14.0	20.5
11 7	4 19.55	+22 37.2	1.360	2.308	9.3	20.3
11 17	4 9.70	+22 31.3	1.343	2.323	4.2	20.0
11 27	3 58.98	+22 18.8	1.352	2.337	1.4	19.9
12 7	3 48.91	+22 3.0	1.388	2.352	6.3	20.3
12 17	3 40.81	+21 48.0	1.450	2.368	11.0	20.6
12 27	3 35.58	+21 38.0	1.535	2.383	14.9	20.8

267090 1999 VS_{198} 11 24.6 283°.19 0°.4/24.6 18

10 18	4 40.91	+17 3.0	1.601	2.398	17.5	19.4
10 28	4 35.11	+18 9.7	1.488	2.370	14.0	19.1
11 7	4 25.61	+19 22.9	1.397	2.341	9.6	18.8
11 17	4 12.81	+20 40.1	1.332	2.311	4.4	18.4
11 27	3 57.83	+21 57.3	1.296	2.281	1.5	18.1
12 7	3 42.41	+23 10.6	1.290	2.251	7.2	18.4
12 17	3 28.44	+24 18.4	1.312	2.220	12.7	18.7
12 27	3 17.54	+25 22.1	1.359	2.190	17.6	18.9

188872 2006 US_{271} 11 24.6 132°.08 3°.3/22.8 17

10 18	4 35.41	+21 52.6	1.249	2.072	20.1	20.4
10 28	4 30.32	+19 51.5	1.181	2.079	15.6	20.1
11 7	4 21.71	+17 32.5	1.134	2.086	10.3	19.8
11 17	4 10.63	+15 3.0	1.112	2.092	4.9	19.6
11 27	3 58.71	+12 35.2	1.118	2.098	4.3	19.5
12 7	3 47.71	+10 22.7	1.151	2.104	9.3	19.8
12 17	3 39.07	+ 8 36.1	1.210	2.109	14.4	20.1
12 27	3 33.68	+ 7 20.7	1.291	2.114	18.8	20.4

523453 2017 FU_{58} 11 24.6 15°.72 7°.9/21.2 18

10 18	4 25.58	− 0 33.4	2.003	2.802	14.4	20.5
10 28	4 21.50	− 1 26.9	1.938	2.805	11.9	20.3
11 7	4 15.36	− 2 10.5	1.895	2.808	9.6	20.2
11 17	4 7.77	− 2 39.1	1.876	2.811	8.1	20.1
11 27	3 59.60	− 2 48.1	1.885	2.814	8.2	20.1
12 7	3 51.78	− 2 35.7	1.919	2.818	9.9	20.2
12 17	3 45.18	− 2 2.3	1.978	2.822	12.3	20.4
12 27	3 40.46	− 1 10.4	2.059	2.827	14.6	20.5

414325 2008 SG_{25} 11 24.6 137°.01 7°.8/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 39.61	+49 13.2	2.989	3.646	13.0	21.5
10 28	4 32.70	+50 19.8	2.910	3.658	11.5	21.4
11 7	4 23.03	+51 11.0	2.851	3.669	9.9	21.3
11 17	4 11.25	+51 41.8	2.817	3.680	8.6	21.3
11 27	3 58.46	+51 49.0	2.809	3.691	7.9	21.2
12 7	3 45.98	+51 32.7	2.828	3.701	8.1	21.3
12 17	3 35.04	+50 56.3	2.873	3.711	9.1	21.3
12 27	3 26.59	+50 5.7	2.944	3.720	10.5	21.5

206089 2002 RR_{138} 11 24.6 102°.62 7°.1/21.9 18

10 18	4 30.18	+ 1 40.8	1.977	2.772	14.7	20.4
10 28	4 24.92	+ 0 54.3	1.919	2.788	12.0	20.3
11 7	4 17.54	+ 0 16.5	1.884	2.803	9.2	20.1
11 17	4 8.70	− 0 7.7	1.874	2.818	7.3	20.0
11 27	3 59.33	− 0 14.5	1.891	2.832	7.4	20.1
12 7	3 50.46	− 0 2.4	1.936	2.847	9.2	20.2
12 17	3 42.94	+ 0 28.2	2.008	2.860	11.8	20.4
12 27	3 37.45	+ 1 15.1	2.102	2.874	14.2	20.6

451291 2010 TB_{11} 11 24.6 10°.27 6°.0/26.4 17

10 18	4 32.48	+32 30.6	1.646	2.433	17.6	20.7
10 28	4 28.17	+33 43.4	1.571	2.435	14.4	20.5
11 7	4 20.55	+34 45.0	1.516	2.438	10.8	20.3
11 17	4 10.31	+35 29.9	1.484	2.441	7.5	20.1
11 27	3 58.77	+35 54.1	1.479	2.445	6.0	20.1
12 7	3 47.59	+35 57.5	1.500	2.450	7.8	20.2
12 17	3 38.29	+35 44.5	1.547	2.455	11.2	20.4
12 27	3 32.04	+35 21.9	1.617	2.461	14.5	20.6

487547 2014 VO_{3} 11 24.6 92°.43 3°.4/23.4 18

10 18	4 30.02	+ 9 5.8	2.344	3.139	12.7	20.8
10 28	4 24.60	+ 9 7.6	2.273	3.151	10.0	20.6
11 7	4 17.27	+ 9 13.3	2.225	3.163	6.9	20.5
11 17	4 8.59	+ 9 24.5	2.205	3.175	4.1	20.3
11 27	3 59.37	+ 9 42.7	2.214	3.187	3.6	20.3
12 7	3 50.49	+10 8.4	2.254	3.198	6.0	20.5
12 17	3 42.75	+10 41.9	2.323	3.210	8.9	20.7
12 27	3 36.79	+11 22.7	2.417	3.221	11.6	20.9

130272 2000 DY_{60} 11 24.6 225°.40 0°.8/24.2 18

10 18	4 26.56	+19 8.2	2.626	3.421	11.5	20.5
10 28	4 21.96	+18 53.2	2.533	3.415	8.9	20.3
11 7	4 15.57	+18 34.6	2.464	3.409	5.9	20.1
11 17	4 7.87	+18 13.4	2.422	3.402	2.6	19.9
11 27	3 59.58	+17 51.2	2.411	3.396	1.3	19.7
12 7	3 51.50	+17 30.1	2.430	3.389	4.5	20.0
12 17	3 44.39	+17 12.7	2.479	3.382	7.7	20.2
12 27	3 38.87	+17 1.0	2.553	3.375	10.6	20.3

146738 2001 XL_{81} 11 24.6 340°.21 5°.6/22.5 18

10 18	4 26.86	+ 7 11.7	1.761	2.578	15.4	19.0
10 28	4 22.92	+ 6 36.9	1.684	2.573	12.3	18.8
11 7	4 16.56	+ 6 7.0	1.629	2.567	8.9	18.6
11 17	4 8.40	+ 5 46.1	1.598	2.563	6.2	18.4
11 27	3 59.42	+ 5 38.5	1.595	2.558	6.0	18.4
12 7	3 50.76	+ 5 46.6	1.618	2.555	8.6	18.6
12 17	3 43.48	+ 6 11.3	1.667	2.551	12.0	18.8
12 27	3 38.39	+ 6 51.5	1.739	2.548	15.2	19.0

218055 2002 EF_{4} 11 24.6 118°.76 4°.9/21.9 18

10 18	4 26.39	+ 7 45.4	2.253	3.057	12.9	20.6
10 28	4 21.89	+ 6 52.4	2.182	3.063	10.2	20.5
11 7	4 15.52	+ 6 2.1	2.134	3.069	7.4	20.3
11 17	4 7.83	+ 5 18.4	2.113	3.074	5.2	20.2
11 27	3 59.62	+ 4 45.5	2.121	3.080	5.3	20.2
12 7	3 51.76	+ 4 26.0	2.158	3.085	7.4	20.4
12 17	3 45.01	+ 4 21.4	2.222	3.091	10.1	20.5
12 27	3 40.00	+ 4 31.6	2.309	3.096	12.7	20.7

335368 2005 SX_{147} 11 24.6 8°.75 7°.0/21.7 18

10 18	4 23.01	+12 11.2	1.058	1.917	20.4	19.6
10 28	4 21.16	+10 35.9	1.003	1.919	16.0	19.4
11 7	4 15.92	+ 8 58.4	0.968	1.922	11.3	19.1
11 17	4 8.20	+ 7 27.9	0.954	1.926	7.5	19.0
11 27	3 59.51	+ 6 15.3	0.962	1.932	7.7	19.0
12 7	3 51.53	+ 5 28.5	0.994	1.940	11.4	19.2
12 17	3 45.66	+ 5 10.9	1.047	1.949	15.9	19.5
12 27	3 42.84	+ 5 21.5	1.119	1.959	19.9	19.8

115286 2003 ST_{194} 11 24.6 101°.67 4°.2/26.6 18

10 18	4 31.78	+33 17.0	2.445	3.203	13.3	19.4
10 28	4 26.38	+33 56.1	2.365	3.212	10.8	19.3
11 7	4 18.68	+34 25.0	2.307	3.221	8.0	19.1
11 17	4 9.29	+34 40.7	2.275	3.230	5.4	19.0
11 27	3 59.15	+34 42.0	2.273	3.239	4.2	18.9
12 7	3 49.33	+34 30.1	2.300	3.248	5.6	19.0
12 17	3 40.81	+34 8.0	2.355	3.257	8.1	19.2
12 27	3 34.38	+33 40.4	2.436	3.266	10.8	19.4

74362 1998 WY_{19} 11 24.6 342°.14 8°.3/22.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 27.99	+ 1 34.8	1.535	2.351	17.3	18.4
10 28	4 24.14	+ 0 59.6	1.462	2.344	14.2	18.2
11 7	4 17.55	+ 0 35.5	1.409	2.337	11.0	18.0
11 17	4 8.89	+ 0 28.6	1.379	2.330	8.7	17.8
11 27	3 59.28	+ 0 43.7	1.375	2.325	8.6	17.8
12 7	3 50.01	+ 1 22.6	1.396	2.320	10.9	17.9
12 17	3 42.31	+ 2 23.8	1.441	2.315	14.2	18.1
12 27	3 37.09	+ 3 43.7	1.507	2.312	17.4	18.3

475907 2007 DS_{81} 11 24.6 260°.72 9°.2/28.2 18

10 18	4 38.25	+42 39.7	1.806	2.541	18.1	21.5
10 28	4 33.19	+43 44.4	1.709	2.525	15.7	21.3
11 7	4 24.27	+44 31.8	1.630	2.509	13.0	21.1
11 17	4 12.12	+44 53.7	1.572	2.492	10.5	20.9
11 27	3 58.20	+44 44.2	1.540	2.475	9.3	20.8
12 7	3 44.47	+44 2.8	1.534	2.458	10.1	20.8
12 17	3 32.85	+42 55.3	1.553	2.441	12.5	20.9
12 27	3 24.77	+41 32.3	1.595	2.423	15.5	21.1

284277 2006 JO_{14} 11 24.6 53°.43 1°.5/24.0 18

10 18	4 30.64	+18 12.1	1.523	2.343	17.2	20.7
10 28	4 26.04	+17 53.9	1.466	2.361	13.3	20.5
11 7	4 18.63	+17 31.8	1.429	2.379	8.8	20.3
11 17	4 9.27	+17 7.4	1.417	2.398	3.9	20.0
11 27	3 59.21	+16 43.9	1.433	2.417	2.2	19.9
12 7	3 49.83	+16 24.7	1.475	2.436	6.6	20.3
12 17	3 42.28	+16 13.0	1.544	2.455	11.0	20.6
12 27	3 37.35	+16 11.3	1.636	2.475	14.7	20.9

352940 2009 AJ_{45} 11 24.6 203°.43 1°.7/23.8 18

10 18	4 29.66	+17 9.2	2.005	2.810	14.2	21.5
10 28	4 24.87	+16 48.5	1.921	2.808	11.0	21.2
11 7	4 17.75	+16 24.7	1.859	2.806	7.4	21.0
11 17	4 8.91	+15 59.4	1.824	2.803	3.4	20.8
11 27	3 59.30	+15 35.0	1.818	2.800	2.2	20.7
12 7	3 50.01	+15 14.6	1.841	2.797	5.9	20.9
12 17	3 42.05	+15 1.1	1.891	2.794	9.8	21.2
12 27	3 36.19	+14 56.6	1.967	2.791	13.2	21.4

303153 2004 EA_{20} 11 24.6 302°.20 5°.6/22.2 18

10 18	4 27.01	+ 8 38.6	1.749	2.567	15.4	20.2
10 28	4 23.28	+ 7 52.3	1.655	2.545	12.3	20.0
11 7	4 16.98	+ 7 7.8	1.583	2.524	8.9	19.7
11 17	4 8.69	+ 6 30.0	1.536	2.502	6.1	19.5
11 27	3 59.35	+ 6 3.9	1.515	2.480	6.0	19.4
12 7	3 50.17	+ 5 53.6	1.521	2.459	9.0	19.6
12 17	3 42.29	+ 6 1.4	1.553	2.438	12.7	19.7
12 27	3 36.66	+ 6 27.4	1.607	2.417	16.3	19.9

145557 2006 ML_{14} 11 24.6 112°.83 4°.1/26.5 18

10 18	4 38.65	+32 12.2	1.666	2.442	17.8	20.5
10 28	4 32.37	+32 22.2	1.600	2.462	14.3	20.3
11 7	4 22.90	+32 16.6	1.555	2.481	10.3	20.1
11 17	4 11.17	+31 52.6	1.534	2.500	6.2	19.9
11 27	3 58.63	+31 10.4	1.541	2.518	4.1	19.8
12 7	3 46.92	+30 14.4	1.577	2.535	6.5	20.0
12 17	3 37.35	+29 11.9	1.640	2.552	10.4	20.3
12 27	3 30.82	+28 10.7	1.727	2.567	13.9	20.5

239215 2006 QD_{98} 11 24.6 160°.08 5°.0/27.7 18

10 18	4 34.51	+37 55.0	2.360	3.098	14.2	20.9
10 28	4 28.59	+38 4.2	2.274	3.105	11.8	20.8
11 7	4 20.16	+37 58.3	2.209	3.110	9.0	20.6
11 17	4 9.94	+37 34.2	2.170	3.115	6.4	20.4
11 27	3 59.00	+36 51.6	2.159	3.120	5.0	20.4
12 7	3 48.55	+35 53.0	2.178	3.124	6.1	20.4
12 17	3 39.64	+34 43.8	2.226	3.127	8.6	20.6
12 27	3 33.06	+33 30.9	2.300	3.130	11.3	20.8

396248 2014 BN_{47} 11 24.6 263°.68 1°.5/25.2 18

10 18	4 31.40	+25 13.9	1.670	2.474	16.6	21.3
10 28	4 26.96	+25 13.7	1.583	2.467	13.2	21.0
11 7	4 19.53	+25 3.8	1.517	2.461	9.0	20.8
11 17	4 9.82	+24 43.3	1.476	2.454	4.4	20.5
11 27	3 59.01	+24 13.1	1.462	2.447	1.7	20.3
12 7	3 48.56	+23 36.6	1.476	2.440	6.1	20.6
12 17	3 39.81	+22 59.1	1.517	2.434	10.7	20.8
12 27	3 33.76	+22 26.2	1.582	2.427	14.8	21.0

404821 2014 JM_{72} 11 24.6 124°.86 0°.2/24.7 18

10 18	4 30.55	+22 55.7	2.220	3.010	13.5	21.8
10 28	4 25.24	+22 40.5	2.145	3.023	10.5	21.6
11 7	4 17.80	+22 18.5	2.093	3.035	6.9	21.4
11 17	4 8.86	+21 50.3	2.068	3.047	3.1	21.2
11 27	3 59.35	+21 17.7	2.073	3.059	0.9	21.1
12 7	3 50.27	+20 43.8	2.108	3.070	4.8	21.4
12 17	3 42.51	+20 12.0	2.172	3.081	8.4	21.6
12 27	3 36.76	+19 45.7	2.263	3.091	11.5	21.8

246077 2006 WO_{198} 11 24.6 199°.90 0°.5/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 33.34	+22 19.4	1.668	2.473	16.6	21.0
10 28	4 28.36	+22 22.1	1.586	2.471	13.0	20.7
11 7	4 20.40	+22 18.0	1.524	2.470	8.8	20.5
11 17	4 10.18	+22 6.7	1.488	2.467	4.0	20.2
11 27	3 58.91	+21 49.1	1.479	2.465	1.2	20.0
12 7	3 48.03	+21 28.2	1.499	2.462	6.2	20.3
12 17	3 38.85	+21 8.0	1.546	2.459	10.8	20.6
12 27	3 32.39	+20 53.1	1.617	2.456	14.8	20.8

439357 2012 XC_{124} 11 24.6 52°.55 4°.7/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 30.59	+12 7.8	1.402	2.230	18.1	20.5
10 28	4 25.98	+11 19.2	1.355	2.252	14.0	20.3
11 7	4 18.55	+10 31.9	1.328	2.275	9.6	20.1
11 17	4 9.21	+ 9 50.8	1.325	2.299	5.6	20.0
11 27	3 59.27	+ 9 20.8	1.349	2.323	5.1	20.0
12 7	3 50.14	+ 9 5.4	1.399	2.347	8.5	20.3
12 17	3 42.91	+ 9 6.4	1.474	2.371	12.4	20.6
12 27	3 38.35	+ 9 23.4	1.571	2.396	15.9	20.8

381094 2007 BN_{79} 11 24.6 310°.03 1°.6/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 28.95	+18 33.2	1.396	2.225	18.0	21.1
10 28	4 25.54	+18 16.9	1.310	2.210	14.2	20.8
11 7	4 18.88	+17 55.2	1.244	2.196	9.5	20.5
11 17	4 9.63	+17 29.6	1.201	2.182	4.3	20.2
11 27	3 59.06	+17 3.3	1.184	2.169	2.3	20.0
12 7	3 48.77	+16 40.5	1.193	2.156	7.5	20.3
12 17	3 40.26	+16 25.7	1.227	2.143	12.8	20.6
12 27	3 34.71	+16 22.5	1.283	2.131	17.3	20.8

514802 2007 RP_{253} 11 24.6 37°.44 11°.1/20.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 27.30	+ 0 32.5	1.253	2.083	19.6	20.3
10 28	4 23.55	− 1 23.1	1.221	2.106	16.2	20.1
11 7	4 16.96	− 3 4.1	1.209	2.130	13.1	20.0
11 17	4 8.50	− 4 20.2	1.219	2.155	11.3	20.0
11 27	3 59.52	− 5 3.6	1.252	2.181	11.6	20.1
12 7	3 51.40	− 5 11.8	1.309	2.207	13.6	20.3
12 17	3 45.21	− 4 47.2	1.386	2.234	16.3	20.5
12 27	3 41.66	− 3 55.3	1.482	2.262	18.8	20.8

29388 1996 JD_{6} 11 24.6 38°.58 3°.7/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 28.90	+15 21.9	1.397	2.227	17.9	18.2
10 28	4 25.00	+14 28.4	1.333	2.234	13.9	18.0
11 7	4 18.13	+13 31.2	1.290	2.241	9.4	17.7
11 17	4 9.13	+12 35.0	1.271	2.249	5.0	17.5
11 27	3 59.29	+11 45.6	1.278	2.257	4.3	17.5
12 7	3 50.07	+11 8.3	1.311	2.265	8.3	17.7
12 17	3 42.71	+10 47.1	1.370	2.273	12.7	18.0
12 27	3 38.09	+10 43.5	1.450	2.282	16.5	18.3

119696 2001 XC_{152} 11 24.6 6°.61 0°.8/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 27.29	+19 28.1	1.180	2.023	19.8	19.3
10 28	4 24.52	+19 28.1	1.115	2.023	15.5	19.0
11 7	4 18.26	+19 22.9	1.069	2.024	10.3	18.7
11 17	4 9.33	+19 13.3	1.045	2.027	4.5	18.4
11 27	3 59.21	+19 1.7	1.045	2.030	1.8	18.3
12 7	3 49.67	+18 51.7	1.069	2.035	7.5	18.6
12 17	3 42.27	+18 47.3	1.118	2.041	12.9	19.0
12 27	3 38.09	+18 51.9	1.187	2.049	17.5	19.2

323005 2002 PN_{103} 11 24.6 108°.78 1°.8/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 26.70	+16 28.8	2.609	3.406	11.5	21.5
10 28	4 21.87	+15 53.5	2.538	3.421	8.9	21.3
11 7	4 15.38	+15 15.9	2.492	3.437	5.9	21.1
11 17	4 7.76	+14 37.8	2.474	3.451	2.9	21.0
11 27	3 59.73	+14 1.8	2.486	3.466	2.2	20.9
12 7	3 52.06	+13 30.7	2.528	3.480	4.9	21.1
12 17	3 45.41	+13 6.7	2.600	3.494	7.8	21.3
12 27	3 40.34	+12 51.5	2.698	3.508	10.4	21.5

348258 2004 TW_{129} 11 24.6 26°.01 2°.2/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 32.32	+24 6.7	1.400	2.217	18.6	19.9
10 28	4 28.09	+24 44.6	1.332	2.222	14.7	19.7
11 7	4 20.48	+25 15.7	1.283	2.228	10.1	19.4
11 17	4 10.28	+25 37.2	1.257	2.235	5.1	19.2
11 27	3 58.91	+25 47.8	1.258	2.242	2.4	19.0
12 7	3 48.07	+25 49.1	1.285	2.250	6.8	19.3
12 17	3 39.28	+25 45.1	1.338	2.258	11.5	19.6
12 27	3 33.61	+25 40.9	1.413	2.266	15.7	19.9

185618 2008 CR_{93} 11 24.6 330°.17 1°.7/23.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 27.51	+17 57.7	1.825	2.640	15.0	20.9
10 28	4 23.46	+17 30.1	1.743	2.636	11.7	20.7
11 7	4 16.95	+16 58.0	1.683	2.632	7.8	20.5
11 17	4 8.61	+16 23.5	1.649	2.629	3.6	20.2
11 27	3 59.45	+15 49.7	1.642	2.625	2.3	20.1
12 7	3 50.65	+15 20.3	1.664	2.622	6.3	20.4
12 17	3 43.24	+14 58.9	1.712	2.619	10.3	20.6
12 27	3 38.08	+14 48.1	1.785	2.617	13.9	20.8

77008 2001 CD_{8} 11 24.6 255°.94 2°.8/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 34.22	+27 23.4	1.662	2.457	17.1	20.2
10 28	4 29.46	+27 41.3	1.565	2.442	13.7	19.9
11 7	4 21.44	+27 49.2	1.489	2.427	9.7	19.6
11 17	4 10.78	+27 44.2	1.437	2.411	5.2	19.3
11 27	3 58.73	+27 25.5	1.413	2.395	2.9	19.1
12 7	3 46.86	+26 55.1	1.416	2.378	6.6	19.3
12 17	3 36.73	+26 18.4	1.446	2.361	11.2	19.6
12 27	3 29.52	+25 42.2	1.500	2.344	15.5	19.8

46753 1998 FL_{41} 11 24.6 163°.27 1°.9/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 35.71	+26 21.7	1.837	2.624	16.0	20.5
10 28	4 29.92	+26 28.2	1.757	2.630	12.6	20.3
11 7	4 21.28	+26 25.2	1.697	2.635	8.7	20.0
11 17	4 10.52	+26 11.0	1.664	2.640	4.4	19.8
11 27	3 58.86	+25 46.2	1.660	2.643	2.1	19.7
12 7	3 47.66	+25 13.7	1.684	2.646	5.8	19.9
12 17	3 38.17	+24 38.2	1.737	2.649	9.9	20.2
12 27	3 31.31	+24 5.4	1.815	2.650	13.6	20.4

160466 2006 CL_{47} 11 24.6 140°.98 0°.9/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 28.31	+24 28.5	2.541	3.326	12.1	21.1
10 28	4 23.37	+24 24.9	2.458	3.332	9.5	20.9
11 7	4 16.53	+24 14.7	2.398	3.338	6.4	20.7
11 17	4 8.33	+23 58.0	2.366	3.344	3.0	20.5
11 27	3 59.56	+23 35.7	2.364	3.349	1.1	20.4
12 7	3 51.10	+23 10.2	2.392	3.354	4.3	20.6
12 17	3 43.75	+22 44.3	2.450	3.359	7.5	20.8
12 27	3 38.14	+22 21.0	2.534	3.364	10.4	21.0

182587 2001 TX_{224} 11 24.6 3°.54 2°.5/25.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 29.88	+27 29.4	1.878	2.672	15.4	20.4
10 28	4 25.45	+27 44.7	1.796	2.672	12.3	20.1
11 7	4 18.36	+27 50.5	1.735	2.672	8.5	19.9
11 17	4 9.26	+27 45.1	1.699	2.673	4.6	19.7
11 27	3 59.26	+27 28.5	1.691	2.673	2.6	19.6
12 7	3 49.62	+27 3.1	1.711	2.674	5.6	19.8
12 17	3 41.51	+26 33.2	1.759	2.674	9.5	20.0
12 27	3 35.83	+26 3.9	1.831	2.675	13.1	20.2

153493 2001 RX_{101} 11 24.6 345°.43 3°.8/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 30.72	+26 55.1	1.291	2.112	19.7	19.4
10 28	4 27.44	+27 42.3	1.214	2.106	15.8	19.1
11 7	4 20.44	+28 20.5	1.156	2.100	11.2	18.8
11 17	4 10.42	+28 45.4	1.120	2.094	6.3	18.5
11 27	3 58.86	+28 54.5	1.109	2.090	3.9	18.4
12 7	3 47.67	+28 48.8	1.123	2.087	7.7	18.6
12 17	3 38.63	+28 33.3	1.161	2.084	12.6	18.9
12 27	3 33.05	+28 15.3	1.221	2.082	17.1	19.1

467383 2004 TH_{177} 11 24.6 57°.67 4°.0/23.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 33.41	+16 11.1	1.086	1.927	21.3	20.9
10 28	4 28.87	+15 10.2	1.044	1.950	16.4	20.7
11 7	4 20.77	+14 5.4	1.019	1.973	10.9	20.5
11 17	4 10.24	+13 2.4	1.017	1.996	5.6	20.3
11 27	3 59.03	+12 8.4	1.040	2.020	4.6	20.3
12 7	3 48.92	+11 29.8	1.088	2.044	9.2	20.6
12 17	3 41.29	+11 10.0	1.159	2.068	14.0	21.0
12 27	3 36.97	+11 10.0	1.251	2.092	18.1	21.3

40153 1998 QD_{79} 11 24.6 41°.86 5°.7/21.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 25.68	+ 7 49.5	1.898	2.714	14.5	18.1
10 28	4 21.66	+ 6 44.5	1.837	2.724	11.5	17.9
11 7	4 15.51	+ 5 42.6	1.798	2.735	8.4	17.7
11 17	4 7.89	+ 4 49.1	1.785	2.746	6.0	17.6
11 27	3 59.73	+ 4 8.8	1.800	2.758	6.1	17.7
12 7	3 52.01	+ 3 45.3	1.842	2.770	8.4	17.8
12 17	3 45.61	+ 3 39.8	1.910	2.782	11.3	18.0
12 27	3 41.18	+ 3 51.9	2.000	2.794	14.1	18.2

457970 2009 VH_{88} 11 24.6 338°.88 0°.5/24.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 30.40	+20 22.2	2.227	3.021	13.3	21.0
10 28	4 25.38	+20 52.9	2.139	3.019	10.4	20.8
11 7	4 18.10	+21 21.3	2.074	3.017	7.0	20.6
11 17	4 9.12	+21 46.6	2.036	3.016	3.1	20.4
11 27	3 59.32	+22 8.2	2.028	3.014	1.0	20.2
12 7	3 49.72	+22 26.8	2.050	3.013	4.9	20.5
12 17	3 41.32	+22 43.6	2.102	3.011	8.6	20.7
12 27	3 34.90	+23 0.9	2.179	3.010	11.8	20.9

517521 2014 QY_{452} 11 24.6 265°.09 2°.3/23.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 26.99	+13 26.5	2.463	3.263	12.0	21.7
10 28	4 22.40	+13 19.0	2.374	3.258	9.4	21.5
11 7	4 15.94	+13 11.9	2.309	3.252	6.3	21.3
11 17	4 8.11	+13 6.8	2.270	3.247	3.3	21.1
11 27	3 59.64	+13 5.4	2.262	3.241	2.6	21.0
12 7	3 51.38	+13 9.1	2.284	3.236	5.4	21.2
12 17	3 44.11	+13 19.3	2.334	3.230	8.5	21.4
12 27	3 38.50	+13 36.9	2.410	3.224	11.3	21.6

474553 2003 YK_{30} 11 24.6 1.°25 1.°5/24.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 25.41	+15 30.4	1.092	1.945	20.3	19.8
10 28	4 23.34	+16 1.0	1.028	1.941	15.9	19.6
11 7	4 17.66	+16 34.2	0.982	1.939	10.7	19.3
11 17	4 9.16	+17 10.1	0.957	1.939	4.8	19.0
11 27	3 59.30	+17 48.9	0.956	1.941	2.2	18.8
12 7	3 49.94	+18 30.4	0.979	1.946	7.9	19.2
12 17	3 42.73	+19 15.1	1.025	1.952	13.4	19.5
12 27	3 38.88	+20 3.9	1.091	1.960	18.1	19.8

380920 2006 FO_{51} 11 24.6 163.°44 5.°8/27.8 17

10 18	4 36.50	+41 34.1	3.154	3.853	11.7	21.4
10 28	4 29.91	+42 36.1	3.064	3.859	10.0	21.3
11 7	4 21.03	+43 26.7	2.998	3.863	8.1	21.2
11 17	4 10.42	+44 2.1	2.957	3.868	6.5	21.1
11 27	3 58.92	+44 19.7	2.946	3.871	5.8	21.0
12 7	3 47.56	+44 19.5	2.964	3.875	6.3	21.1
12 17	3 37.34	+44 3.7	3.011	3.878	7.8	21.2
12 27	3 29.08	+43 37.0	3.084	3.880	9.6	21.3

46082 2001 EC_{10} 11 24.6 91.°53 1.°8/23.9 18

10 18	4 30.11	+17 5.7	1.800	2.611	15.3	19.4
10 28	4 25.41	+16 48.6	1.726	2.616	11.9	19.2
11 7	4 18.19	+16 28.5	1.674	2.622	7.9	19.0
11 17	4 9.15	+16 7.2	1.648	2.627	3.7	18.7
11 27	3 59.34	+15 47.3	1.650	2.633	2.3	18.6
12 7	3 49.97	+15 31.7	1.680	2.638	6.2	18.9
12 17	3 42.10	+15 23.2	1.738	2.644	10.3	19.2
12 27	3 36.54	+15 23.9	1.819	2.649	13.8	19.4

75651 2000 AS_{63} 11 24.6 231.°28 4.°8/22.5 18

10 18	4 29.29	+ 7 31.0	2.184	2.983	13.4	19.5
10 28	4 24.39	+ 6 57.5	2.096	2.974	10.7	19.3
11 7	4 17.37	+ 6 27.3	2.030	2.964	7.7	19.1
11 17	4 8.78	+ 6 4.0	1.991	2.954	5.3	19.0
11 27	3 59.45	+ 5 50.9	1.981	2.944	5.2	19.0
12 7	3 50.34	+ 5 50.4	2.000	2.933	7.5	19.1
12 17	3 42.36	+ 6 3.9	2.046	2.921	10.6	19.3
12 27	3 36.24	+ 6 31.0	2.117	2.909	13.5	19.4

492801 2014 QB_{249} 11 24.6 45.°74 4.°5/22.7 18

10 18	4 26.97	+ 8 31.0	2.066	2.874	13.7	21.1
10 28	4 22.56	+ 8 1.2	1.996	2.880	10.8	20.9
11 7	4 16.10	+ 7 35.0	1.948	2.887	7.7	20.7
11 17	4 8.18	+ 7 15.5	1.927	2.893	5.1	20.6
11 27	3 59.66	+ 7 5.9	1.933	2.900	4.8	20.6
12 7	3 51.51	+ 7 8.4	1.968	2.906	7.2	20.7
12 17	3 44.57	+ 7 23.6	2.030	2.913	10.2	20.9
12 27	3 39.52	+ 7 51.2	2.116	2.920	13.1	21.1

166319 2002 JZ_{61} 11 24.6 245.°09 3.°1/23.1 18

10 18	4 29.05	+15 3.1	1.906	2.717	14.6	20.4
10 28	4 24.56	+14 15.6	1.818	2.707	11.4	20.2
11 7	4 17.66	+13 24.6	1.751	2.698	7.8	19.9
11 17	4 8.95	+12 33.3	1.711	2.688	4.2	19.7
11 27	3 59.41	+11 45.9	1.700	2.678	3.6	19.6
12 7	3 50.15	+11 6.9	1.717	2.667	7.0	19.8
12 17	3 42.23	+10 40.0	1.762	2.656	10.9	20.0
12 27	3 36.47	+10 27.3	1.830	2.645	14.3	20.2

430837 2005 JF_{113} 11 24.6 272.°24 0.°2/24.7 18

10 18	4 33.98	+20 3.5	1.463	2.279	18.0	20.9
10 28	4 29.37	+20 24.9	1.380	2.272	14.2	20.6
11 7	4 21.41	+20 43.0	1.317	2.265	9.6	20.3
11 17	4 10.79	+20 56.8	1.278	2.259	4.3	20.0
11 27	3 58.80	+21 6.1	1.266	2.252	1.3	19.8
12 7	3 47.12	+21 12.4	1.281	2.245	6.9	20.1
12 17	3 37.30	+21 18.7	1.322	2.238	12.0	20.4
12 27	3 30.53	+21 28.7	1.386	2.232	16.4	20.6

262265 2006 SA_{345} 11 24.6 353.°31 3.°2/22.9 18

10 18	4 26.33	+16 56.0	1.700	2.522	15.6	20.0
10 28	4 22.63	+15 47.5	1.623	2.520	12.1	19.8
11 7	4 16.42	+14 32.7	1.568	2.518	8.1	19.6
11 17	4 8.39	+13 15.8	1.539	2.517	4.3	19.3
11 27	3 59.60	+12 2.8	1.537	2.516	3.7	19.3
12 7	3 51.25	+10 59.9	1.564	2.515	7.4	19.5
12 17	3 44.38	+10 12.0	1.616	2.515	11.4	19.7
12 27	3 39.81	+ 9 41.8	1.692	2.515	15.0	20.0

273565 2007 BM_{95} 11 24.6 175.°68 0.°2/24.7 18

10 18	4 33.22	+22 47.9	2.007	2.799	14.7	22.4
10 28	4 27.68	+22 34.2	1.922	2.802	11.5	22.2
11 7	4 19.65	+22 13.2	1.861	2.804	7.7	21.9
11 17	4 9.80	+21 45.0	1.826	2.805	3.4	21.7
11 27	3 59.16	+21 11.5	1.820	2.806	1.0	21.5
12 7	3 48.91	+20 35.9	1.844	2.806	5.4	21.8
12 17	3 40.13	+20 2.3	1.897	2.805	9.4	22.1
12 27	3 33.63	+19 34.8	1.975	2.804	12.9	22.3

321483 2009 SW_4 11 24.6 347.°67 2.°0/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 25.99	+18 10.5	1.967	2.780	14.2	20.1
10 28	4 22.06	+17 21.2	1.885	2.777	11.0	19.9
11 7	4 15.90	+16 26.2	1.827	2.775	7.3	19.7
11 17	4 8.13	+15 28.3	1.794	2.773	3.5	19.4
11 27	3 59.68	+14 31.8	1.790	2.772	2.6	19.4
12 7	3 51.59	+13 41.1	1.815	2.771	6.1	19.6
12 17	3 44.80	+13 0.4	1.867	2.769	9.9	19.8
12 27	3 40.04	+12 32.5	1.944	2.769	13.3	20.0

359730 2011 UA_{31} 11 24.6 304.°19 0.°4/24.5 18

10 18	4 28.86	+19 57.0	1.773	2.585	15.5	21.3
10 28	4 24.81	+19 56.1	1.681	2.572	12.1	21.0
11 7	4 18.06	+19 50.7	1.610	2.559	8.1	20.7
11 17	4 9.22	+19 41.1	1.565	2.546	3.6	20.4
11 27	3 59.31	+19 28.8	1.547	2.533	1.3	20.2
12 7	3 49.62	+19 16.4	1.558	2.521	6.0	20.5
12 17	3 41.37	+19 6.9	1.595	2.508	10.5	20.8
12 27	3 35.51	+19 3.8	1.656	2.497	14.4	21.0

249036 2007 TV_{20} 11 24.6 49.°58 0.°7/24.3 18

10 18	4 29.48	+20 34.3	1.696	2.509	16.0	21.2
10 28	4 25.13	+20 13.4	1.622	2.514	12.5	21.0
11 7	4 18.11	+19 46.0	1.570	2.518	8.3	20.8
11 17	4 9.15	+19 13.4	1.542	2.523	3.6	20.5
11 27	3 59.37	+18 38.4	1.542	2.528	1.5	20.4
12 7	3 50.07	+18 5.1	1.571	2.533	6.1	20.7
12 17	3 42.38	+17 37.5	1.626	2.538	10.4	20.9
12 27	3 37.14	+17 19.1	1.705	2.543	14.2	21.2

360506 2003 JL_{14} 11 24.6 81.°92 4.°7/21.7 18

10 18	4 28.22	+ 9 31.4	2.258	3.059	12.9	20.5
10 28	4 23.09	+ 8 13.1	2.206	3.086	10.1	20.3
11 7	4 16.19	+ 6 56.6	2.178	3.113	7.2	20.2
11 17	4 8.12	+ 5 46.4	2.178	3.140	5.0	20.1
11 27	3 59.72	+ 4 47.2	2.208	3.166	5.1	20.1
12 7	3 51.83	+ 4 2.5	2.267	3.192	7.2	20.3
12 17	3 45.15	+ 3 34.1	2.353	3.217	9.8	20.5
12 27	3 40.22	+ 3 22.2	2.464	3.242	12.2	20.7

49555 1999 CK_{88} 11 24.6 342.°99 4.°3/23.6 18

10 18	4 30.08	+ 9 15.2	1.619	2.437	16.5	18.4
10 28	4 25.76	+ 9 18.3	1.540	2.431	13.0	18.1
11 7	4 18.67	+ 9 27.4	1.482	2.426	9.1	17.9
11 17	4 9.47	+ 9 44.9	1.448	2.421	5.4	17.7
11 27	3 59.25	+10 12.9	1.441	2.416	4.6	17.6
12 7	3 49.33	+10 52.0	1.462	2.413	7.9	17.8
12 17	3 40.95	+11 41.9	1.509	2.410	11.9	18.0
12 27	3 35.06	+12 41.5	1.579	2.407	15.6	18.3

511469 2014 KH_{86} 11 24.6 147.°90 5.°9/21.8 18

10 18	4 28.96	+ 3 13.5	2.336	3.127	12.9	21.6
10 28	4 23.79	+ 2 29.2	2.267	3.135	10.4	21.4
11 7	4 16.76	+ 1 51.1	2.222	3.143	7.9	21.3
11 17	4 8.44	+ 1 23.1	2.203	3.150	6.2	21.2
11 27	3 59.61	+ 1 8.6	2.213	3.157	6.2	21.2
12 7	3 51.12	+ 1 9.7	2.251	3.163	8.0	21.3
12 17	3 43.75	+ 1 26.7	2.316	3.169	10.4	21.5
12 27	3 38.10	+ 1 58.4	2.406	3.175	12.7	21.7

413189 2002 TK_{314} 11 24.6 289.°21 1.°5/24.0 18

10 18	4 28.29	+14 58.0	2.429	3.227	12.2	20.7
10 28	4 23.46	+15 6.3	2.340	3.223	9.5	20.5
11 7	4 16.69	+15 15.0	2.275	3.219	6.4	20.3
11 17	4 8.47	+15 24.6	2.237	3.216	3.0	20.1
11 27	3 59.59	+15 36.1	2.230	3.212	1.9	20.0
12 7	3 50.90	+15 50.7	2.252	3.209	5.0	20.2
12 17	3 43.24	+16 9.2	2.304	3.205	8.3	20.4
12 27	3 37.30	+16 32.6	2.381	3.202	11.3	20.6

124888 2001 TP_{45} 11 24.6 330.°13 0.°6/24.4 18

10 18	4 27.70	+20 52.3	1.353	2.184	18.4	19.1
10 28	4 24.66	+20 37.8	1.272	2.173	14.4	18.8
11 7	4 18.34	+20 15.4	1.210	2.162	9.7	18.5
11 17	4 9.43	+19 46.1	1.171	2.152	4.3	18.2
11 27	3 59.26	+19 12.8	1.157	2.143	1.6	18.0
12 7	3 49.45	+18 40.2	1.169	2.134	7.2	18.3
12 17	3 41.50	+18 13.6	1.206	2.126	12.5	18.6
12 27	3 36.56	+17 57.7	1.264	2.119	17.1	18.8

24895 1997 AC_{13} 11 24.6 342.°68 2.°2/25.4 18

10 18	4 28.63	+26 26.5	1.214	2.044	20.2	17.8
10 28	4 25.85	+26 28.6	1.139	2.037	16.0	17.5
11 7	4 19.36	+26 17.1	1.082	2.030	11.1	17.2
11 17	4 9.94	+25 50.5	1.046	2.025	5.6	16.9
11 27	3 59.11	+25 9.9	1.035	2.020	2.4	16.7
12 7	3 48.79	+24 20.6	1.049	2.016	7.4	17.0
12 17	3 40.68	+23 30.2	1.086	2.013	12.9	17.3
12 27	3 36.02	+22 46.7	1.145	2.010	17.7	17.5

444577 2006 TD_{84} 11 24.6 15°.92 2°.7/25.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 28.25	+27 47.4	1.517	2.329	17.7	21.2
10 28	4 24.70	+27 55.9	1.447	2.333	14.0	20.9
11 7	4 18.09	+27 52.2	1.396	2.338	9.8	20.7
11 17	4 9.21	+27 34.9	1.369	2.344	5.2	20.5
11 27	3 59.37	+27 4.7	1.368	2.351	2.8	20.3
12 7	3 50.07	+26 25.7	1.394	2.359	6.3	20.6
12 17	3 42.64	+25 43.4	1.445	2.367	10.7	20.8
12 27	3 38.02	+25 4.4	1.520	2.376	14.6	21.1

332827 2009 YB_{15} 11 24.6 352°.67 7°.1/22.4 17

10 18	4 27.89	− 0 18.1	2.077	2.870	14.2	20.4
10 28	4 23.31	− 0 38.0	2.002	2.867	11.7	20.2
11 7	4 16.65	− 0 47.3	1.949	2.865	9.2	20.0
11 17	4 8.46	− 0 42.0	1.921	2.863	7.4	19.9
11 27	3 59.61	− 0 19.0	1.921	2.861	7.3	19.9
12 7	3 51.06	+ 0 22.4	1.948	2.860	9.0	20.0
12 17	3 43.69	+ 1 21.0	2.001	2.859	11.6	20.2
12 27	3 38.21	+ 2 34.3	2.078	2.859	14.1	20.4

208194 2000 QP_{228} 11 24.6 140°.02 2°.2/23.7 17

10 18	4 34.84	+17 24.9	1.670	2.477	16.5	20.7
10 28	4 29.15	+16 47.9	1.601	2.489	12.8	20.5
11 7	4 20.68	+16 6.4	1.553	2.500	8.5	20.2
11 17	4 10.25	+15 22.7	1.531	2.510	4.0	20.0
11 27	3 59.07	+14 40.9	1.538	2.520	2.8	19.9
12 7	3 48.49	+14 5.4	1.573	2.529	6.9	20.2
12 17	3 39.66	+13 40.0	1.636	2.537	11.1	20.5
12 27	3 33.42	+13 27.3	1.722	2.545	14.8	20.7

446888 2002 JA_{10} 11 24.6 96°.00 10°.1/18.8 17

10 18	4 30.56	− 5 41.5	2.049	2.823	15.0	21.0
10 28	4 25.03	− 7 38.8	2.013	2.851	12.8	20.9
11 7	4 17.52	− 9 22.2	2.000	2.877	11.0	20.9
11 17	4 8.73	−10 44.3	2.012	2.904	10.2	20.9
11 27	3 59.57	−11 39.3	2.051	2.929	10.5	21.0
12 7	3 50.99	−12 5.0	2.115	2.954	11.9	21.1
12 17	3 43.76	−12 2.5	2.202	2.978	13.6	21.3
12 27	3 38.49	−11 35.4	2.310	3.002	15.2	21.4

296825 2009 WG_{36} 11 24.6 72°.05 1°.1/25.3 18

10 18	4 27.71	+26 37.3	2.244	3.033	13.4	20.2
10 28	4 23.16	+26 13.1	2.165	3.040	10.5	20.1
11 7	4 16.50	+25 39.3	2.108	3.048	7.1	19.9
11 17	4 8.36	+24 56.1	2.078	3.055	3.5	19.6
11 27	3 59.66	+24 5.8	2.077	3.062	1.3	19.5
12 7	3 51.37	+23 12.0	2.107	3.070	4.7	19.8
12 17	3 44.36	+22 19.1	2.165	3.077	8.2	20.0
12 27	3 39.31	+21 31.5	2.249	3.085	11.3	20.2

153230 2000 YS_{89} 11 24.6 212°.52 2°.7/26.2 17

10 18	4 29.29	+30 36.3	2.338	3.112	13.4	20.4
10 28	4 24.51	+30 34.1	2.247	3.110	10.7	20.2
11 7	4 17.49	+30 20.7	2.179	3.107	7.6	20.0
11 17	4 8.86	+29 55.2	2.136	3.105	4.4	19.8
11 27	3 59.51	+29 18.0	2.123	3.102	2.7	19.7
12 7	3 50.49	+28 31.8	2.139	3.099	4.9	19.8
12 17	3 42.74	+27 41.0	2.184	3.096	8.2	20.0
12 27	3 37.01	+26 50.7	2.256	3.093	11.2	20.2

523160 2016 TR_{97} 11 24.6 300°.80 8°.2/21.3 18

10 18	4 27.83	+ 2 38.0	1.650	2.463	16.4	21.4
10 28	4 23.97	+ 1 37.9	1.568	2.448	13.5	21.2
11 7	4 17.48	+ 0 45.2	1.506	2.433	10.6	21.0
11 17	4 8.96	+ 0 6.3	1.469	2.418	8.5	20.8
11 27	3 59.46	− 0 12.3	1.457	2.403	8.7	20.8
12 7	3 50.19	− 0 7.0	1.471	2.388	11.0	20.9
12 17	3 42.34	+ 0 23.0	1.509	2.373	14.3	21.1
12 27	3 36.84	+ 1 15.4	1.568	2.359	17.5	21.3

445163 2008 YY_{151} 11 24.6 231°.63 4°.8/27.2 18

10 18	4 32.67	+35 21.5	1.954	2.719	15.9	21.6
10 28	4 27.76	+35 28.1	1.864	2.715	13.1	21.4
11 7	4 19.98	+35 18.7	1.794	2.710	9.8	21.2
11 17	4 10.04	+34 50.2	1.749	2.706	6.6	21.0
11 27	3 59.14	+34 2.2	1.731	2.701	4.8	20.9
12 7	3 48.68	+32 57.8	1.741	2.696	6.5	21.0
12 17	3 39.91	+31 43.5	1.780	2.691	9.8	21.1
12 27	3 33.76	+30 27.3	1.843	2.685	13.1	21.3

63042 2000 WP_{79} 11 24.6 111°.17 0°.9/25.1 18

10 18	4 29.35	+24 3.7	2.186	2.978	13.6	20.0
10 28	4 24.52	+24 3.9	2.105	2.984	10.6	19.8
11 7	4 17.49	+23 57.4	2.047	2.989	7.2	19.6
11 17	4 8.85	+23 43.7	2.016	2.994	3.4	19.3
11 27	3 59.53	+23 24.1	2.014	3.000	1.2	19.2
12 7	3 50.57	+23 0.8	2.042	3.005	4.8	19.5
12 17	3 42.89	+22 37.1	2.098	3.010	8.5	19.7
12 27	3 37.24	+22 16.6	2.180	3.015	11.6	19.9

446319 2014 FC_{35} 11 24.6 180°.11 3°.4/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 29.79	+12 33.0	2.203	3.003	13.3	22.4
10 28	4 24.68	+11 50.9	2.122	3.005	10.3	22.2
11 7	4 17.50	+11 8.1	2.064	3.005	7.1	22.0
11 17	4 8.84	+10 27.7	2.033	3.006	4.1	21.8
11 27	3 59.55	+ 9 53.1	2.032	3.005	3.8	21.8
12 7	3 50.58	+ 9 27.6	2.061	3.005	6.5	22.0
12 17	3 42.81	+ 9 13.4	2.118	3.003	9.8	22.2
12 27	3 36.92	+ 9 11.8	2.199	3.001	12.7	22.3

139531 2001 QD_{12} 11 24.6 76°.29 2°.8/23.3 18

10 18	4 28.80	+14 59.8	1.872	2.684	14.8	19.5
10 28	4 24.18	+14 22.5	1.805	2.696	11.5	19.3
11 7	4 17.27	+13 43.3	1.761	2.708	7.7	19.1
11 17	4 8.74	+13 5.2	1.743	2.720	4.0	18.9
11 27	3 59.60	+12 31.7	1.753	2.732	3.3	18.9
12 7	3 50.94	+12 6.4	1.791	2.743	6.6	19.2
12 17	3 43.71	+11 51.8	1.857	2.755	10.2	19.4
12 27	3 38.62	+11 49.4	1.947	2.767	13.4	19.6

110707 2001 TV_{221} 11 24.6 83°.75 1°.7/25.5 18

10 18	4 29.52	+27 3.9	1.992	2.784	14.7	20.1
10 28	4 24.94	+26 54.9	1.909	2.786	11.6	19.9
11 7	4 17.91	+26 35.6	1.848	2.788	8.0	19.7
11 17	4 9.08	+26 5.4	1.814	2.789	4.1	19.5
11 27	3 59.48	+25 25.9	1.807	2.791	1.8	19.3
12 7	3 50.29	+24 40.6	1.830	2.793	5.2	19.6
12 17	3 42.56	+23 54.0	1.881	2.795	9.1	19.8
12 27	3 37.08	+23 11.4	1.957	2.797	12.5	20.0

144527 2004 EX_{80} 11 24.6 186°.74 0°.7/24.9 18

10 18	4 30.94	+23 11.1	2.614	3.394	11.9	21.2
10 28	4 25.43	+23 14.9	2.522	3.394	9.3	21.0
11 7	4 17.96	+23 13.5	2.454	3.393	6.3	20.8
11 17	4 9.05	+23 6.5	2.414	3.392	2.9	20.6
11 27	3 59.49	+22 54.4	2.404	3.389	1.0	20.4
12 7	3 50.17	+22 39.1	2.425	3.387	4.3	20.7
12 17	3 41.91	+22 23.0	2.477	3.383	7.6	20.9
12 27	3 35.41	+22 8.9	2.555	3.379	10.5	21.0

180670 2004 GW_{72} 11 24.6 63°.10 1°.0/24.2 18

10 18	4 29.84	+18 11.2	1.879	2.687	14.9	20.1
10 28	4 25.14	+18 8.5	1.806	2.695	11.6	19.9
11 7	4 18.01	+18 2.8	1.755	2.702	7.7	19.7
11 17	4 9.11	+17 55.1	1.729	2.710	3.4	19.5
11 27	3 59.48	+17 46.9	1.733	2.717	1.6	19.4
12 7	3 50.26	+17 40.5	1.765	2.725	5.7	19.7
12 17	3 42.48	+17 38.4	1.824	2.733	9.7	19.9
12 27	3 36.93	+17 42.7	1.908	2.741	13.1	20.2

305768 2009 DU_{37} 11 24.6 131°.27 1°.3/24.0 18

10 18	4 29.93	+18 21.4	1.950	2.755	14.5	21.8
10 28	4 25.12	+18 0.9	1.873	2.760	11.3	21.6
11 7	4 17.95	+17 36.4	1.818	2.765	7.5	21.3
11 17	4 9.08	+17 9.3	1.790	2.770	3.4	21.1
11 27	3 59.49	+16 42.2	1.790	2.774	1.9	21.0
12 7	3 50.31	+16 18.3	1.820	2.778	5.8	21.3
12 17	3 42.52	+16 0.5	1.877	2.782	9.7	21.5
12 27	3 36.89	+15 51.4	1.959	2.786	13.1	21.7

234695 2002 GF_{129} 11 24.6 149°.49 6°.9/27.5 18

10 18	4 39.09	+38 47.9	2.116	2.852	15.7	21.4
10 28	4 32.82	+39 52.7	2.036	2.859	13.2	21.2
11 7	4 23.44	+40 43.5	1.976	2.866	10.5	21.0
11 17	4 11.63	+41 14.6	1.940	2.872	8.0	20.9
11 27	3 58.67	+41 22.3	1.933	2.878	6.9	20.8
12 7	3 46.06	+41 7.0	1.953	2.883	7.8	20.9
12 17	3 35.23	+40 33.2	2.001	2.888	10.2	21.1
12 27	3 27.23	+39 48.4	2.074	2.893	12.8	21.2

366802 2005 AA_{20} 11 24.6 21°.44 3°.5/26.8 17

10 18	4 28.59	+33 12.0	2.146	2.919	14.4	20.1
10 28	4 24.16	+33 4.2	2.062	2.921	11.7	19.9
11 7	4 17.35	+32 42.4	1.999	2.923	8.5	19.7
11 17	4 8.81	+32 5.2	1.962	2.926	5.3	19.5
11 27	3 59.58	+31 13.5	1.953	2.929	3.5	19.4
12 7	3 50.79	+30 11.0	1.973	2.932	5.4	19.6
12 17	3 43.43	+29 3.0	2.021	2.935	8.6	19.8
12 27	3 38.28	+27 55.8	2.095	2.938	11.7	20.0

367806 2011 AV_{41} 11 24.6 151°.39 0°.9/25.1 17

10 18	4 28.81	+23 58.4	2.573	3.357	12.0	22.2
10 28	4 23.79	+24 3.8	2.488	3.362	9.4	22.0
11 7	4 16.87	+24 3.5	2.426	3.366	6.3	21.8
11 17	4 8.56	+23 57.3	2.393	3.370	3.0	21.6
11 27	3 59.65	+23 45.6	2.389	3.374	1.1	21.5
12 7	3 51.02	+23 30.3	2.416	3.378	4.3	21.7
12 17	3 43.46	+23 13.9	2.472	3.381	7.5	21.9
12 27	3 37.64	+22 59.2	2.555	3.384	10.3	22.1

50838 2000 FQ_{42} 11 24.6 157°.82 1°.1/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 30.08	+18 23.6	2.067	2.869	14.0	19.3
10 28	4 25.14	+18 12.0	1.987	2.872	10.8	19.1
11 7	4 17.94	+17 57.0	1.929	2.875	7.2	18.8
11 17	4 9.08	+17 39.5	1.897	2.877	3.2	18.6
11 27	3 59.51	+17 21.5	1.895	2.880	1.6	18.5
12 7	3 50.28	+17 5.6	1.922	2.882	5.5	18.8
12 17	3 42.36	+16 54.4	1.978	2.883	9.3	19.0
12 27	3 36.51	+16 50.2	2.058	2.885	12.6	19.2

366190 2012 HV_{37} 11 24.6 184°.46 2°.3/22.9 18

10 18	4 25.82	+15 16.6	2.841	3.636	10.7	21.0
10 28	4 21.18	+14 24.2	2.754	3.636	8.3	20.9
11 7	4 14.98	+13 29.1	2.693	3.636	5.6	20.7
11 17	4 7.69	+12 33.7	2.660	3.635	3.0	20.5
11 27	3 59.95	+11 41.2	2.658	3.634	2.7	20.5
12 7	3 52.47	+10 54.7	2.687	3.633	5.1	20.7
12 17	3 45.88	+10 16.9	2.745	3.631	7.8	20.8
12 27	3 40.72	+ 9 49.6	2.830	3.629	10.3	21.0

388206 2006 EY_{74} 11 24.6 207°.64 2°.2/23.6 18

10 18	4 30.52	+15 54.9	2.145	2.945	13.6	22.2
10 28	4 25.44	+15 26.8	2.056	2.940	10.6	22.0
11 7	4 18.13	+14 56.1	1.989	2.934	7.1	21.8
11 17	4 9.18	+14 24.7	1.950	2.928	3.5	21.5
11 27	3 59.48	+13 55.3	1.941	2.921	2.6	21.4
12 7	3 50.05	+13 31.2	1.961	2.914	6.0	21.7
12 17	3 41.85	+13 15.1	2.010	2.907	9.6	21.9
12 27	3 35.64	+13 8.9	2.083	2.898	12.9	22.1

382493 2001 PF_{10} 11 24.6 52°.89 0°.6/24.8 18

10 18	4 33.70	+23 21.3	1.266	2.089	19.9	20.5
10 28	4 28.95	+23 11.2	1.218	2.114	15.4	20.3
11 7	4 20.82	+22 51.1	1.189	2.138	10.2	20.1
11 17	4 10.36	+22 21.6	1.183	2.163	4.6	19.8
11 27	3 59.17	+21 45.6	1.203	2.189	1.4	19.7
12 7	3 48.97	+21 8.2	1.249	2.215	6.8	20.1
12 17	3 41.08	+20 35.2	1.321	2.240	11.7	20.5
12 27	3 36.34	+20 11.4	1.415	2.266	15.8	20.8

312350 2008 DE_{14} 11 24.6 3°.38 9°.6/21.0 18

10 18	4 26.21	− 0 49.5	1.586	2.400	17.0	20.2
10 28	4 22.60	− 1 57.3	1.525	2.399	14.2	20.0
11 7	4 16.46	− 2 53.4	1.483	2.399	11.5	19.9
11 17	4 8.48	− 3 30.4	1.465	2.400	9.8	19.8
11 27	3 59.73	− 3 42.3	1.471	2.401	10.0	19.8
12 7	3 51.42	− 3 26.6	1.501	2.404	11.9	19.9
12 17	3 44.61	− 2 44.2	1.555	2.406	14.6	20.1
12 27	3 40.11	− 1 38.8	1.629	2.410	17.3	20.3

107422 2001 DO_{11} 11 24.6 222°.21 3°.2/23.2 18

10 18	4 29.77	+13 3.6	2.080	2.884	13.8	21.0
10 28	4 24.92	+12 33.0	1.992	2.877	10.8	20.8
11 7	4 17.83	+12 1.7	1.926	2.870	7.4	20.5
11 17	4 9.07	+11 32.5	1.888	2.862	4.1	20.3
11 27	3 59.54	+11 8.5	1.878	2.854	3.6	20.3
12 7	3 50.27	+10 52.6	1.898	2.846	6.6	20.5
12 17	3 42.22	+10 47.2	1.945	2.837	10.2	20.7
12 27	3 36.17	+10 53.4	2.017	2.828	13.4	20.9

203028 2000 AQ_{252} 11 24.6 227°.72 2°.1/23.8 18

10 18	4 29.57	+16 13.5	1.895	2.704	14.8	20.7
10 28	4 24.98	+15 54.2	1.813	2.702	11.5	20.5
11 7	4 17.97	+15 32.6	1.753	2.700	7.7	20.2
11 17	4 9.16	+15 10.5	1.719	2.698	3.7	20.0
11 27	3 59.53	+14 50.5	1.714	2.696	2.5	19.9
12 7	3 50.24	+14 35.6	1.737	2.694	6.2	20.1
12 17	3 42.32	+14 28.3	1.788	2.692	10.2	20.4
12 27	3 36.60	+14 30.6	1.863	2.689	13.7	20.6

219198 1999 UA_{44} 11 24.6 43°.85 0°.2/24.7 18

10 18	4 27.48	+23 44.2	2.046	2.846	14.1	19.7
10 28	4 23.18	+23 13.6	1.967	2.851	11.0	19.5
11 7	4 16.65	+22 34.4	1.911	2.856	7.3	19.3
11 17	4 8.52	+21 47.7	1.881	2.861	3.3	19.1
11 27	3 59.75	+20 56.2	1.880	2.866	1.0	18.9
12 7	3 51.40	+20 4.1	1.908	2.871	5.1	19.2
12 17	3 44.40	+19 15.9	1.965	2.877	8.9	19.5
12 27	3 39.46	+18 35.6	2.047	2.882	12.3	19.7

211741 2003 YN_{147} 11 24.6 20°.99 2°.5/25.1 18

10 18	4 35.30	+22 55.0	1.563	2.368	17.6	19.1
10 28	4 30.26	+24 3.9	1.488	2.372	13.9	18.8
11 7	4 21.96	+25 10.1	1.434	2.376	9.5	18.6
11 17	4 11.08	+26 9.5	1.405	2.381	4.9	18.3
11 27	3 58.92	+26 58.5	1.403	2.386	2.7	18.2
12 7	3 47.11	+27 36.1	1.430	2.392	6.6	18.5
12 17	3 37.14	+28 3.9	1.483	2.398	11.0	18.7
12 27	3 30.16	+28 26.2	1.561	2.405	15.0	19.0

77750 2001 PC_2 11 24.6 246°.11 5°.4/21.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 26.09	+ 2 29.2	2.716	3.503	11.4	19.7
10 28	4 21.53	+ 1 54.2	2.627	3.492	9.3	19.5
11 7	4 15.32	+ 1 24.9	2.562	3.480	7.1	19.4
11 17	4 7.91	+ 1 4.5	2.523	3.468	5.6	19.3
11 27	3 59.95	+ 0 56.1	2.514	3.456	5.7	19.3
12 7	3 52.15	+ 1 1.6	2.534	3.444	7.3	19.3
12 17	3 45.21	+ 1 21.4	2.581	3.431	9.5	19.5
12 27	3 39.71	+ 1 54.8	2.652	3.418	11.7	19.6

232448 2003 FR_{121} 11 24.6 274°.37 0°.0/24.6 18

10 18	4 30.78	+22 27.2	1.664	2.474	16.5	21.2
10 28	4 26.58	+22 10.6	1.569	2.459	13.0	20.9
11 7	4 19.43	+21 45.4	1.496	2.443	8.7	20.6
11 17	4 9.95	+21 11.8	1.447	2.427	3.9	20.3
11 27	3 59.29	+20 31.9	1.425	2.411	1.2	20.1
12 7	3 48.88	+19 50.0	1.432	2.395	6.4	20.4
12 17	3 40.04	+19 11.3	1.465	2.379	11.2	20.6
12 27	3 33.86	+18 41.0	1.521	2.363	15.4	20.8

110448 2001 TP_{38} 11 24.6 6°.35 2°.3/25.3 18 R

10 18	4 32.31	+24 53.5	1.898	2.692	15.3	18.8
10 28	4 27.40	+25 36.2	1.815	2.692	12.1	18.6
11 7	4 19.77	+26 13.4	1.754	2.693	8.4	18.3
11 17	4 10.03	+26 42.7	1.718	2.693	4.4	18.1
11 27	3 59.28	+27 2.5	1.711	2.694	2.4	18.0
12 7	3 48.80	+27 13.3	1.733	2.695	5.7	18.2
12 17	3 39.81	+27 17.6	1.783	2.696	9.6	18.4
12 27	3 33.26	+27 19.4	1.858	2.697	13.1	18.7

97398 2000 AR_{108} 11 24.6 38°.91 1°.9/25.7 18

10 18	4 28.03	+28 17.9	2.071	2.861	14.3	19.5
10 28	4 23.69	+28 2.0	1.992	2.866	11.3	19.3
11 7	4 17.02	+27 34.9	1.934	2.872	7.8	19.1
11 17	4 8.71	+26 56.4	1.903	2.877	4.1	18.9
11 27	3 59.73	+26 8.2	1.900	2.883	2.0	18.7
12 7	3 51.18	+25 14.1	1.926	2.889	5.0	18.9
12 17	3 44.03	+24 19.2	1.980	2.895	8.7	19.2
12 27	3 39.02	+23 28.3	2.060	2.902	11.9	19.4

155533 1999 TU_{135} 11 24.6 356°.50 3°.3/22.9 18

10 18	4 25.69	+14 55.8	1.925	2.741	14.3	20.0
10 28	4 21.87	+13 59.6	1.846	2.740	11.1	19.8
11 7	4 15.83	+13 0.1	1.791	2.739	7.5	19.6
11 17	4 8.20	+12 1.1	1.762	2.738	4.2	19.4
11 27	3 59.89	+11 7.2	1.761	2.737	3.7	19.4
12 7	3 51.94	+10 22.9	1.789	2.737	6.9	19.6
12 17	3 45.28	+ 9 51.7	1.843	2.737	10.5	19.8
12 27	3 40.64	+ 9 35.4	1.921	2.738	13.7	20.0

218463 2004 RS_{310} 11 24.6 19°.29 2°.1/25.5 18

10 18	4 28.16	+25 54.6	1.679	2.488	16.4	19.9
10 28	4 24.34	+26 9.8	1.608	2.494	12.9	19.7
11 7	4 17.74	+26 16.0	1.559	2.502	8.9	19.5
11 17	4 9.11	+26 11.8	1.533	2.510	4.5	19.2
11 27	3 59.61	+25 57.9	1.535	2.519	2.2	19.1
12 7	3 50.58	+25 36.8	1.564	2.528	5.8	19.3
12 17	3 43.21	+25 12.8	1.619	2.539	9.9	19.6
12 27	3 38.38	+24 50.8	1.699	2.550	13.6	19.9

332742 2009 TL_{10} 11 24.6 77°.54 0°.7/24.9 17

10 18	4 36.78	+22 39.4	1.456	2.264	18.5	21.1
10 28	4 31.01	+22 46.9	1.402	2.289	14.4	20.9
11 7	4 22.08	+22 46.7	1.368	2.314	9.6	20.7
11 17	4 10.95	+22 38.2	1.359	2.339	4.3	20.5
11 27	3 59.08	+22 22.7	1.377	2.363	1.3	20.3
12 7	3 48.06	+22 3.5	1.423	2.387	6.3	20.7
12 17	3 39.18	+21 45.2	1.496	2.411	10.9	21.1
12 27	3 33.30	+21 32.2	1.592	2.435	14.8	21.4

395217 2010 JR_{176} 11 24.6 203°.28 1°.2/25.1 18

10 18	4 32.87	+23 52.9	2.157	2.944	13.9	21.5
10 28	4 27.46	+24 7.8	2.066	2.940	11.0	21.3
11 7	4 19.61	+24 16.7	1.997	2.936	7.5	21.1
11 17	4 9.92	+24 18.6	1.954	2.932	3.6	20.8
11 27	3 59.35	+24 13.6	1.942	2.927	1.4	20.7
12 7	3 49.02	+24 3.1	1.959	2.921	5.1	20.9
12 17	3 39.99	+23 50.2	2.005	2.915	8.9	21.1
12 27	3 33.13	+23 38.6	2.078	2.909	12.3	21.3

517388 2014 KZ_{103} 11 24.7 148°.19 0°.8/24.3 18

10 18	4 29.76	+19 50.7	2.012	2.815	14.3	22.1
10 28	4 24.99	+19 31.0	1.932	2.818	11.1	21.9
11 7	4 17.89	+19 6.2	1.875	2.821	7.3	21.7
11 17	4 9.12	+18 37.4	1.844	2.824	3.2	21.4
11 27	3 59.63	+18 7.0	1.842	2.827	1.4	21.3
12 7	3 50.52	+17 38.3	1.869	2.829	5.5	21.6
12 17	3 42.76	+17 14.4	1.924	2.832	9.4	21.8
12 27	3 37.13	+16 58.5	2.005	2.834	12.7	22.0

321110 2008 TF_{94} 11 24.7 36°.43 4°.3/23.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 28.91	+13 8.5	1.429	2.258	17.7	20.9
10 28	4 24.99	+12 21.0	1.366	2.265	13.8	20.6
11 7	4 18.19	+11 32.8	1.324	2.273	9.4	20.4
11 17	4 9.30	+10 48.5	1.306	2.281	5.4	20.2
11 27	3 59.60	+10 13.4	1.314	2.289	4.8	20.2
12 7	3 50.47	+ 9 51.8	1.348	2.298	8.4	20.4
12 17	3 43.14	+ 9 46.4	1.407	2.308	12.6	20.7
12 27	3 38.46	+ 9 57.7	1.488	2.317	16.3	21.0

35474 1998 EA_{9} 11 24.7 131°.62 3°.3/23.2 18

10 18	4 32.13	+11 24.9	2.198	2.993	13.4	19.3
10 28	4 26.38	+11 0.7	2.129	3.009	10.5	19.1
11 7	4 18.57	+10 37.7	2.084	3.024	7.2	18.9
11 17	4 9.35	+10 18.6	2.066	3.038	4.2	18.8
11 27	3 59.59	+10 5.7	2.078	3.051	3.7	18.8
12 7	3 50.25	+10 1.3	2.120	3.064	6.3	18.9
12 17	3 42.18	+10 6.6	2.190	3.077	9.4	19.2
12 27	3 36.05	+10 22.0	2.286	3.088	12.3	19.4

364100 2005 YH_{203} 11 24.7 37°.90 5°.4/22.6 18

10 18	4 27.46	+ 7 8.7	1.821	2.635	15.1	20.5
10 28	4 23.19	+ 6 34.7	1.760	2.646	11.9	20.4
11 7	4 16.67	+ 6 5.8	1.720	2.657	8.6	20.2
11 17	4 8.55	+ 5 46.2	1.705	2.669	5.9	20.1
11 27	3 59.83	+ 5 39.3	1.718	2.681	5.7	20.1
12 7	3 51.56	+ 5 47.2	1.757	2.693	8.1	20.2
12 17	3 44.67	+ 6 10.2	1.823	2.706	11.3	20.5
12 27	3 39.88	+ 6 47.1	1.913	2.719	14.2	20.7

343600 2010 GE_{109} 11 24.7 347°.95 1°.4/24.1 18

10 18	4 25.57	+20 19.5	1.312	2.149	18.5	19.6
10 28	4 23.00	+19 44.6	1.236	2.141	14.5	19.3
11 7	4 17.24	+19 0.7	1.180	2.135	9.6	19.0
11 17	4 9.02	+18 10.2	1.147	2.129	4.3	18.7
11 27	3 59.66	+17 17.9	1.139	2.124	2.2	18.6
12 7	3 50.77	+16 29.9	1.157	2.120	7.5	18.9
12 17	3 43.74	+15 52.2	1.198	2.117	12.7	19.2
12 27	3 39.64	+15 29.3	1.261	2.116	17.1	19.4

493186 2014 UW_{16} 11 24.7 74°.35 1°.7/23.6 18

10 18	4 26.77	+18 9.3	2.263	3.066	12.9	21.2
10 28	4 22.27	+17 25.5	2.193	3.080	9.9	21.0
11 7	4 15.86	+16 37.4	2.146	3.093	6.5	20.8
11 17	4 8.15	+15 47.5	2.127	3.106	3.1	20.6
11 27	3 59.96	+14 59.2	2.138	3.120	2.1	20.6
12 7	3 52.19	+14 15.9	2.178	3.133	5.3	20.8
12 17	3 45.59	+13 40.8	2.247	3.147	8.6	21.0
12 27	3 40.79	+13 16.1	2.341	3.160	11.5	21.3

70470 1999 TS_{32} 11 24.7 75°.62 3°.9/22.9 18

10 18	4 30.48	+13 50.3	1.664	2.480	16.2	19.6
10 28	4 25.64	+12 50.9	1.607	2.499	12.5	19.4
11 7	4 18.30	+11 50.0	1.572	2.518	8.5	19.2
11 17	4 9.27	+10 52.2	1.563	2.537	4.8	19.0
11 27	3 59.66	+10 2.6	1.582	2.556	4.4	19.0
12 7	3 50.69	+ 9 25.6	1.628	2.575	7.6	19.3
12 17	3 43.37	+ 9 4.1	1.701	2.593	11.3	19.5
12 27	3 38.40	+ 8 58.8	1.797	2.612	14.6	19.8

91645 1999 TE_{93} 11 24.7 90°.44 0°.8/24.9 18

10 18	4 30.81	+22 11.0	2.167	2.960	13.7	19.6
10 28	4 25.73	+22 31.4	2.087	2.966	10.7	19.4
11 7	4 18.38	+22 47.5	2.030	2.972	7.2	19.2
11 17	4 9.36	+22 58.4	1.999	2.978	3.3	19.0
11 27	3 59.60	+23 4.1	1.998	2.984	1.1	18.8
12 7	3 50.14	+23 5.9	2.027	2.989	4.9	19.1
12 17	3 41.97	+23 6.1	2.084	2.995	8.5	19.4
12 27	3 35.85	+23 7.5	2.167	3.001	11.7	19.6

149885 2005 RV_{11} 11 24.7 47°.71 0°.8/25.0 18

10 18	4 29.24	+23 45.1	1.910	2.712	14.9	20.5
10 28	4 24.78	+23 43.1	1.834	2.718	11.7	20.3
11 7	4 17.86	+23 33.7	1.780	2.724	7.9	20.1
11 17	4 9.14	+23 16.8	1.752	2.730	3.7	19.8
11 27	3 59.68	+22 53.7	1.751	2.737	1.2	19.7
12 7	3 50.62	+22 27.3	1.780	2.744	5.3	20.0
12 17	3 43.03	+22 1.3	1.836	2.751	9.3	20.2
12 27	3 37.70	+21 39.8	1.917	2.758	12.7	20.5

411012 2009 UZ_{82} 11 24.7 16°.69 1°.7/23.6 18

10 18	4 26.12	+18 31.5	2.161	2.968	13.3	21.0
10 28	4 21.99	+17 45.5	2.080	2.969	10.3	20.8
11 7	4 15.82	+16 54.2	2.023	2.970	6.8	20.6
11 17	4 8.20	+16 0.1	1.992	2.971	3.2	20.4
11 27	3 59.98	+15 6.9	1.990	2.973	2.2	20.3
12 7	3 52.10	+14 18.5	2.018	2.974	5.6	20.5
12 17	3 45.42	+13 38.7	2.074	2.976	9.1	20.8
12 27	3 40.61	+13 10.0	2.155	2.978	12.2	21.0

515945 2015 RY_{34} 11 24.7 124°.42 5°.5/27.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 35.74	+36 31.9	2.133	2.882	15.2	21.9
10 28	4 29.91	+37 7.6	2.056	2.894	12.6	21.7
11 7	4 21.32	+37 29.1	2.001	2.905	9.6	21.6
11 17	4 10.70	+37 32.7	1.970	2.916	6.9	21.4
11 27	3 59.22	+37 16.7	1.967	2.927	5.5	21.3
12 7	3 48.21	+36 43.0	1.993	2.937	6.6	21.4
12 17	3 38.88	+35 56.6	2.046	2.947	9.3	21.6
12 27	3 32.10	+35 4.2	2.126	2.956	12.1	21.8

107390 2001 CT_{45} 11 24.7 244°.84 4°.9/23.2 18

10 18	4 31.67	+ 7 23.1	1.835	2.640	15.3	19.5
10 28	4 26.65	+ 7 11.1	1.755	2.637	12.2	19.3
11 7	4 19.14	+ 7 4.8	1.697	2.634	8.7	19.0
11 17	4 9.76	+ 7 7.5	1.664	2.631	5.7	18.9
11 27	3 59.51	+ 7 21.7	1.660	2.628	5.2	18.8
12 7	3 49.57	+ 7 48.9	1.683	2.624	7.9	19.0
12 17	3 41.02	+ 8 29.0	1.734	2.621	11.5	19.2
12 27	3 34.71	+ 9 20.9	1.808	2.618	14.7	19.4

168270 2007 PY_{1} 11 24.7 126°.53 14°.0/18.5 18

10 18	4 30.22	−16 39.0	1.875	2.616	17.3	20.5
10 28	4 25.31	−18 13.0	1.830	2.621	15.8	20.4
11 7	4 18.07	−19 24.8	1.803	2.626	14.6	20.3
11 17	4 9.20	−20 6.1	1.797	2.630	14.1	20.3
11 27	3 59.71	−20 11.4	1.813	2.635	14.3	20.3
12 7	3 50.71	−19 39.7	1.850	2.639	15.3	20.4
12 17	3 43.17	−18 33.8	1.906	2.643	16.7	20.5
12 27	3 37.80	−16 59.7	1.981	2.647	18.2	20.6

35590 1998 HQ_{86} 11 24.7 85°.26 0°.5/24.9 18

10 18	4 29.11	+23 9.0	2.098	2.895	13.9	19.2
10 28	4 24.42	+23 0.2	2.021	2.903	10.9	19.0
11 7	4 17.50	+22 44.5	1.967	2.910	7.3	18.8
11 17	4 8.96	+22 22.4	1.939	2.918	3.3	18.6
11 27	3 59.77	+21 55.3	1.940	2.926	1.0	18.4
12 7	3 50.98	+21 26.2	1.970	2.933	5.0	18.7
12 17	3 43.51	+20 58.5	2.029	2.941	8.7	19.0
12 27	3 38.11	+20 35.8	2.113	2.948	11.9	19.2

406676 2008 EJ_{102} 11 24.7 272°.74 4°.4/26.4 18

10 18	4 32.67	+31 41.2	2.023	2.796	15.2	20.8
10 28	4 27.77	+32 22.7	1.933	2.792	12.3	20.6
11 7	4 20.09	+32 53.8	1.865	2.787	9.1	20.4
11 17	4 10.26	+33 11.2	1.822	2.783	5.9	20.2
11 27	3 59.34	+33 12.8	1.806	2.778	4.4	20.1
12 7	3 48.68	+32 59.5	1.820	2.774	6.3	20.2
12 17	3 39.50	+32 35.1	1.861	2.769	9.6	20.4
12 27	3 32.80	+32 5.3	1.927	2.765	12.8	20.6

385705 2005 UJ_{28} 11 24.7 353°.91 0°.5/24.5 18 R

10 18	4 26.40	+21 34.3	1.191	2.033	19.7	20.1
10 28	4 24.00	+21 16.1	1.120	2.027	15.5	19.8
11 7	4 18.09	+20 48.4	1.068	2.023	10.4	19.5
11 17	4 9.47	+20 12.4	1.038	2.020	4.6	19.2
11 27	3 59.60	+19 31.8	1.032	2.018	1.6	19.0
12 7	3 50.25	+18 52.4	1.050	2.017	7.5	19.4
12 17	3 43.00	+18 20.2	1.092	2.017	13.0	19.7
12 27	3 38.95	+18 0.2	1.155	2.018	17.8	20.0

260241 2004 RK_{321} 11 24.7 235°.42 2°.1/25.8 17

10 18	4 28.89	+28 23.0	2.208	2.992	13.7	20.7
10 28	4 24.32	+28 16.3	2.120	2.991	10.9	20.5
11 7	4 17.48	+27 59.4	2.055	2.990	7.6	20.3
11 17	4 8.99	+27 31.4	2.016	2.989	4.1	20.1
11 27	3 59.78	+26 53.6	2.005	2.988	2.1	19.9
12 7	3 50.90	+26 8.8	2.024	2.987	4.9	20.1
12 17	3 43.33	+25 21.5	2.072	2.986	8.4	20.3
12 27	3 37.82	+24 36.5	2.146	2.985	11.6	20.5

156800 2003 BR_{18} 11 24.7 353°.76 0°.5/24.8 18

10 18	4 25.36	+22 7.8	1.084	1.934	20.7	19.4
10 28	4 23.58	+22 12.2	1.016	1.926	16.3	19.1
11 7	4 18.05	+22 7.9	0.964	1.920	11.0	18.8
11 17	4 9.54	+21 54.8	0.934	1.916	5.0	18.5
11 27	3 59.60	+21 34.8	0.927	1.913	1.5	18.2
12 7	3 50.16	+21 12.1	0.943	1.912	7.7	18.6
12 17	3 42.96	+20 52.7	0.982	1.912	13.5	18.9
12 27	3 39.24	+20 41.7	1.041	1.914	18.5	19.2

413173 2002 QJ_{95} 11 24.7 24°.02 5°.3/22.2 18

10 18	4 26.17	+ 5 36.6	2.245	3.047	13.0	20.6
10 28	4 21.88	+ 4 59.5	2.171	3.049	10.4	20.5
11 7	4 15.70	+ 4 27.4	2.120	3.051	7.7	20.3
11 17	4 8.17	+ 4 3.7	2.095	3.052	5.6	20.2
11 27	4 0.06	+ 3 51.9	2.099	3.054	5.6	20.2
12 7	3 52.25	+ 3 54.1	2.130	3.056	7.6	20.3
12 17	3 45.52	+ 4 10.8	2.189	3.058	10.2	20.5
12 27	3 40.51	+ 4 41.3	2.271	3.060	12.8	20.7

472580 2015 DW_{117} 11 24.7 183°.20 1°.5/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 34.69	+17 1.8	1.647	2.455	16.7	21.3
10 28	4 29.41	+17 1.2	1.567	2.455	13.0	21.1
11 7	4 21.20	+16 58.5	1.508	2.455	8.7	20.8
11 17	4 10.75	+16 54.7	1.475	2.455	4.0	20.6
11 27	3 59.28	+16 51.1	1.470	2.454	2.1	20.4
12 7	3 48.19	+16 50.3	1.493	2.453	6.6	20.7
12 17	3 38.78	+16 54.6	1.544	2.452	11.2	21.0
12 27	3 32.04	+17 6.5	1.618	2.450	15.1	21.2

471020 2009 SJ_{289} 11 24.7 70°.97 0°.3/24.6 18

10 18	4 35.73	+20 28.3	1.400	2.215	18.7	21.0
10 28	4 30.31	+20 29.5	1.346	2.238	14.5	20.8
11 7	4 21.71	+20 24.9	1.313	2.261	9.6	20.6
11 17	4 10.88	+20 14.7	1.304	2.285	4.2	20.3
11 27	3 59.29	+20 0.7	1.322	2.308	1.3	20.2
12 7	3 48.54	+19 46.3	1.367	2.331	6.6	20.6
12 17	3 39.93	+19 35.2	1.439	2.354	11.3	20.9
12 27	3 34.32	+19 31.1	1.533	2.376	15.2	21.2

411 Xanthe 11 24.7 118°.51 5°.2/22.6 18

10 18	4 29.24	+ 4 42.5	2.302	3.095	13.0	14.3
10 28	4 24.12	+ 4 17.6	2.233	3.105	10.4	14.2
11 7	4 17.11	+ 3 58.7	2.187	3.114	7.7	14.0
11 17	4 8.77	+ 3 49.0	2.168	3.123	5.6	13.9
11 27	3 59.91	+ 3 51.0	2.177	3.132	5.4	13.9
12 7	3 51.39	+ 4 6.2	2.216	3.141	7.4	14.0
12 17	3 43.99	+ 4 34.5	2.282	3.150	9.9	14.2
12 27	3 38.35	+ 5 15.0	2.373	3.158	12.4	14.4

133366 2003 SB_{141} 11 24.7 157°.13 1°.8/25.8 18

10 18	4 33.05	+28 42.8	2.357	3.127	13.4	20.9
10 28	4 27.25	+28 22.4	2.272	3.135	10.6	20.7
11 7	4 19.26	+27 51.1	2.211	3.143	7.3	20.5
11 17	4 9.74	+27 8.6	2.177	3.150	3.8	20.3
11 27	3 59.63	+26 16.5	2.173	3.156	1.8	20.2
12 7	3 49.95	+25 18.4	2.200	3.162	4.7	20.4
12 17	3 41.63	+24 19.0	2.257	3.167	8.1	20.6
12 27	3 35.36	+23 23.2	2.341	3.171	11.1	20.8

13447 4115 P–L 11 24.7 21°.90 0°.2/24.6 18

10 18	4 29.08	+21 32.7	1.562	2.380	17.0	19.1
10 28	4 25.16	+21 18.3	1.490	2.384	13.2	18.8
11 7	4 18.38	+20 56.5	1.438	2.388	8.8	18.6
11 17	4 9.48	+20 28.2	1.411	2.392	3.9	18.3
11 27	3 59.69	+19 56.1	1.411	2.397	1.3	18.1
12 7	3 50.39	+19 24.1	1.438	2.402	6.3	18.5
12 17	3 42.82	+18 56.9	1.492	2.408	10.9	18.8
12 27	3 37.87	+18 38.2	1.568	2.414	14.8	19.0

458642 2011 GH_{24} 11 24.7 269°.58 5°.4/27.4 17

10 18	4 31.51	+37 24.8	2.552	3.293	13.2	21.9
10 28	4 26.53	+38 6.0	2.451	3.281	11.1	21.7
11 7	4 19.12	+38 35.7	2.371	3.268	8.7	21.5
11 17	4 9.83	+38 50.3	2.316	3.256	6.4	21.4
11 27	3 59.56	+38 47.7	2.290	3.243	5.4	21.3
12 7	3 49.44	+38 28.4	2.292	3.230	6.3	21.3
12 17	3 40.53	+37 55.4	2.322	3.217	8.6	21.5
12 27	3 33.72	+37 14.2	2.379	3.205	11.1	21.6

514227 2015 OV_{73} 11 24.7 115°.73 6°.0/21.6 18

10 18	4 30.47	+ 4 46.5	2.210	3.003	13.5	21.9
10 28	4 24.99	+ 3 41.5	2.153	3.024	10.8	21.7
11 7	4 17.61	+ 2 41.7	2.120	3.044	8.1	21.6
11 17	4 8.96	+ 1 51.9	2.115	3.064	6.2	21.5
11 27	3 59.89	+ 1 16.1	2.138	3.083	6.3	21.6
12 7	3 51.28	+ 0 57.1	2.189	3.102	8.2	21.7
12 17	3 43.92	+ 0 55.5	2.268	3.119	10.6	21.9
12 27	3 38.39	+ 1 10.5	2.370	3.136	13.0	22.1

387079 2012 TM_{95} 11 24.7 252°.71 0°.9/24.2 18

10 18	4 30.40	+20 54.8	1.749	2.558	15.8	20.7
10 28	4 26.01	+20 21.4	1.661	2.550	12.4	20.5
11 7	4 18.90	+19 39.9	1.594	2.542	8.3	20.2
11 17	4 9.74	+18 51.8	1.553	2.533	3.7	19.9
11 27	3 59.62	+18 0.5	1.540	2.525	1.7	19.8
12 7	3 49.85	+17 10.9	1.555	2.516	6.3	20.0
12 17	3 41.60	+16 28.1	1.597	2.507	10.8	20.3
12 27	3 35.80	+15 56.2	1.664	2.498	14.7	20.5

210318 2007 TS_{218} 11 24.7 343°.29 0°.1/24.7 18

10 18	4 29.27	+22 10.3	1.741	2.551	15.8	20.6
10 28	4 25.10	+21 53.2	1.660	2.549	12.4	20.4
11 7	4 18.27	+21 28.5	1.600	2.548	8.3	20.1
11 17	4 9.44	+20 56.7	1.566	2.546	3.7	19.9
11 27	3 59.72	+20 20.4	1.559	2.545	1.1	19.7
12 7	3 50.40	+19 43.4	1.581	2.544	5.9	20.0
12 17	3 42.62	+19 10.1	1.629	2.543	10.3	20.2
12 27	3 37.28	+18 44.9	1.701	2.543	14.1	20.5

325702 2009 UE_{56} 11 24.7 237°.40 2°.1/25.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 30.19	+26 32.3	2.348	3.130	13.1	20.7
10 28	4 25.28	+26 56.9	2.258	3.127	10.4	20.5
11 7	4 18.15	+27 14.8	2.190	3.125	7.2	20.3
11 17	4 9.35	+27 24.5	2.150	3.122	3.9	20.1
11 27	3 59.74	+27 25.5	2.138	3.120	2.2	20.0
12 7	3 50.36	+27 19.0	2.157	3.118	4.8	20.1
12 17	3 42.16	+27 7.6	2.204	3.115	8.2	20.4
12 27	3 35.92	+26 55.0	2.277	3.112	11.2	20.5

287359 2002 UB_{29} 11 24.7 50°.68 4°.3/23.1 18

10 18	4 29.37	+10 26.1	1.763	2.577	15.5	20.0
10 28	4 24.88	+ 9 59.1	1.693	2.583	12.2	19.8
11 7	4 17.94	+ 9 34.7	1.646	2.589	8.5	19.6
11 17	4 9.24	+ 9 16.1	1.623	2.594	5.1	19.4
11 27	3 59.80	+ 9 6.9	1.628	2.601	4.7	19.4
12 7	3 50.78	+ 9 9.4	1.661	2.607	7.6	19.6
12 17	3 43.22	+ 9 24.6	1.720	2.613	11.2	19.9
12 27	3 37.90	+ 9 52.6	1.803	2.620	14.5	20.1

219225 1999 VT_{141} 11 24.7 355°.06 0°.7/24.9 18

10 18	4 28.17	+23 19.3	2.023	2.824	14.3	20.6
10 28	4 23.93	+23 18.4	1.939	2.822	11.2	20.4
11 7	4 17.33	+23 10.9	1.877	2.822	7.5	20.2
11 17	4 8.99	+22 56.5	1.842	2.821	3.5	19.9
11 27	3 59.86	+22 36.6	1.835	2.820	1.1	19.7
12 7	3 51.05	+22 13.6	1.856	2.820	5.1	20.0
12 17	3 43.57	+21 51.0	1.906	2.820	9.0	20.3
12 27	3 38.21	+21 32.4	1.980	2.820	12.4	20.5

113371 2002 SC_{6} 11 24.7 322°.94 3°.0/23.2 17

10 18	4 25.29	+13 32.0	2.147	2.958	13.2	19.4
10 28	4 21.47	+12 59.8	2.059	2.949	10.3	19.2
11 7	4 15.59	+12 26.7	1.995	2.940	7.0	19.0
11 17	4 8.20	+11 55.3	1.956	2.932	3.9	18.8
11 27	4 0.10	+11 28.7	1.947	2.923	3.4	18.7
12 7	3 52.24	+11 10.1	1.965	2.915	6.3	18.9
12 17	3 45.48	+11 1.5	2.012	2.907	9.7	19.1
12 27	3 40.54	+11 4.4	2.082	2.900	12.8	19.3

1722 Goffin 11 24.7 329°.69 3°.6/23.2 18 R

10 18	4 28.76	+14 16.4	1.594	2.416	16.5	16.1
10 28	4 24.81	+13 34.2	1.517	2.413	12.9	15.9
11 7	4 18.12	+12 49.8	1.461	2.410	8.8	15.6
11 17	4 9.39	+12 6.8	1.430	2.407	4.8	15.4
11 27	3 59.75	+11 29.9	1.426	2.404	4.1	15.3
12 7	3 50.49	+11 3.6	1.449	2.401	7.8	15.6
12 17	3 42.82	+10 51.0	1.497	2.399	12.0	15.8
12 27	3 37.63	+10 53.8	1.569	2.396	15.7	16.0

430582 2002 QG_{123} 11 24.7 66°.94 4°.7/26.5 18

10 18	4 37.48	+31 17.4	1.354	2.151	20.2	20.7
10 28	4 32.18	+31 45.5	1.300	2.173	16.2	20.5
11 7	4 23.22	+31 57.5	1.264	2.196	11.6	20.3
11 17	4 11.63	+31 49.6	1.251	2.219	7.0	20.1
11 27	3 59.11	+31 21.5	1.264	2.241	4.7	20.1
12 7	3 47.57	+30 37.4	1.304	2.264	7.3	20.3
12 17	3 38.50	+29 45.4	1.369	2.287	11.5	20.6
12 27	3 32.87	+28 54.0	1.457	2.309	15.4	20.9

227661 2006 BO_{192} 11 24.7 86°.98 4°.6/22.3 18

10 18	4 26.65	+ 8 2.6	2.255	3.058	12.9	20.4
10 28	4 22.21	+ 7 19.4	2.185	3.066	10.2	20.2
11 7	4 15.89	+ 6 39.4	2.138	3.074	7.3	20.0
11 17	4 8.26	+ 6 5.8	2.119	3.081	5.0	19.9
11 27	4 0.11	+ 5 42.3	2.128	3.089	4.9	19.9
12 7	3 52.29	+ 5 31.3	2.165	3.097	7.1	20.1
12 17	3 45.59	+ 5 33.9	2.230	3.105	9.8	20.2
12 27	3 40.62	+ 5 50.0	2.319	3.112	12.4	20.4

332913 2011 BX_{103} 11 24.7 204°.47 0°.1/24.7 17

10 18	4 27.50	+21 58.3	2.613	3.402	11.7	22.2
10 28	4 22.83	+21 49.0	2.522	3.400	9.1	22.0
11 7	4 16.32	+21 34.7	2.454	3.397	6.1	21.8
11 17	4 8.48	+21 15.7	2.415	3.394	2.7	21.6
11 27	4 0.03	+20 53.4	2.405	3.391	0.8	21.4
12 7	3 51.81	+20 29.9	2.426	3.387	4.3	21.7
12 17	3 44.60	+20 7.8	2.476	3.384	7.5	21.9
12 27	3 39.03	+19 49.7	2.553	3.380	10.4	22.0

297184 2010 WS_{55} 11 24.7 312°.26 4°.2/23.1 17

10 18	4 27.78	+ 8 59.8	2.086	2.892	13.7	20.6
10 28	4 23.41	+ 8 41.1	2.002	2.886	10.8	20.4
11 7	4 16.89	+ 8 25.9	1.940	2.879	7.7	20.2
11 17	4 8.78	+ 8 16.9	1.905	2.873	4.9	20.0
11 27	3 59.93	+ 8 17.0	1.898	2.867	4.5	20.0
12 7	3 51.32	+ 8 27.8	1.919	2.862	7.0	20.1
12 17	3 43.87	+ 8 50.4	1.968	2.856	10.3	20.3
12 27	3 38.33	+ 9 24.5	2.041	2.851	13.3	20.5

355359 2007 TH_{246} 11 24.7 43°.20 10°.0/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 38.12	+43 34.0	1.411	2.165	21.5	20.0
10 28	4 33.26	+44 36.7	1.363	2.190	18.3	19.8
11 7	4 24.20	+45 14.0	1.332	2.217	14.9	19.7
11 17	4 12.11	+45 18.3	1.321	2.244	11.8	19.6
11 27	3 58.98	+44 46.5	1.333	2.271	10.1	19.6
12 7	3 47.01	+43 42.9	1.370	2.299	10.6	19.7
12 17	3 37.92	+42 17.7	1.431	2.328	12.7	19.9
12 27	3 32.71	+40 43.6	1.514	2.356	15.5	20.1

12423 Slotin 11 24.7 119°.13 1°.0/24.3 18

10 18	4 32.70	+18 29.0	2.003	2.801	14.5	18.5
10 28	4 27.18	+18 21.1	1.933	2.816	11.2	18.3
11 7	4 19.32	+18 9.9	1.885	2.830	7.4	18.1
11 17	4 9.81	+17 56.1	1.863	2.843	3.3	17.8
11 27	3 59.65	+17 41.6	1.871	2.856	1.5	17.7
12 7	3 49.95	+17 28.7	1.909	2.869	5.5	18.0
12 17	3 41.68	+17 20.1	1.976	2.881	9.3	18.3
12 27	3 35.60	+17 18.1	2.067	2.893	12.5	18.5

207225 2005 EW_{135} 11 24.7 228°.33 1°.4/24.1 18

10 18	4 30.24	+17 48.4	2.025	2.828	14.2	20.9
10 28	4 25.48	+17 32.8	1.936	2.822	11.0	20.7
11 7	4 18.35	+17 13.9	1.870	2.816	7.4	20.4
11 17	4 9.46	+16 52.9	1.830	2.809	3.4	20.2
11 27	3 59.73	+16 31.8	1.819	2.803	1.9	20.1
12 7	3 50.27	+16 13.6	1.837	2.795	5.8	20.3
12 17	3 42.09	+16 1.1	1.883	2.788	9.7	20.5
12 27	3 36.02	+15 56.7	1.954	2.781	13.1	20.7

487138 2014 OY_{202} 11 24.7 111°.26 0°.4/24.5 17

10 18	4 29.48	+20 17.7	2.119	2.918	13.7	22.2
10 28	4 24.71	+20 12.2	2.039	2.923	10.7	22.1
11 7	4 17.72	+20 2.4	1.983	2.928	7.1	21.8
11 17	4 9.13	+19 48.6	1.953	2.933	3.1	21.6
11 27	3 59.85	+19 32.5	1.952	2.937	1.1	21.5
12 7	3 50.90	+19 16.3	1.980	2.942	5.1	21.8
12 17	3 43.24	+19 2.8	2.037	2.946	8.8	22.0
12 27	3 37.60	+18 54.7	2.119	2.951	12.1	22.2

13023 1988 XT_1 11 24.7 5°.92 6°.1/25.3 18

10 18	4 32.86	+27 10.4	1.327	2.142	19.6	16.1
10 28	4 29.26	+29 12.4	1.259	2.143	15.8	15.8
11 7	4 21.87	+31 10.7	1.210	2.146	11.6	15.6
11 17	4 11.34	+32 56.6	1.186	2.151	7.6	15.4
11 27	3 59.12	+34 22.2	1.187	2.159	6.1	15.3
12 7	3 47.17	+35 23.9	1.214	2.167	8.7	15.5
12 17	3 37.38	+36 3.2	1.265	2.178	12.7	15.8
12 27	3 31.14	+36 26.6	1.339	2.191	16.5	16.0

44343 1998 RS_{67} 11 24.7 64°.89 0°.1/24.7 18

10 18	4 30.38	+22 43.4	1.725	2.532	16.0	19.0
10 28	4 25.84	+22 26.0	1.654	2.542	12.5	18.8
11 7	4 18.65	+22 0.5	1.606	2.552	8.3	18.5
11 17	4 9.56	+21 27.7	1.582	2.562	3.7	18.3
11 27	3 59.73	+20 50.2	1.587	2.573	1.1	18.1
12 7	3 50.42	+20 12.0	1.619	2.583	5.8	18.5
12 17	3 42.75	+19 37.5	1.679	2.593	10.0	18.7
12 27	3 37.53	+19 10.8	1.763	2.604	13.7	19.0

120571 1995 HF_1 11 24.7 328°.99 3°.1/23.7 18

10 18	4 28.03	+15 17.7	1.374	2.207	18.0	20.3
10 28	4 24.84	+14 54.4	1.294	2.196	14.2	20.1
11 7	4 18.50	+14 28.9	1.233	2.185	9.6	19.8
11 17	4 9.69	+14 4.1	1.196	2.175	4.9	19.5
11 27	3 59.65	+13 43.9	1.184	2.165	3.6	19.4
12 7	3 49.93	+13 32.5	1.198	2.156	8.1	19.6
12 17	3 41.97	+13 33.1	1.236	2.148	13.0	19.9
12 27	3 36.88	+13 47.5	1.296	2.141	17.3	20.1

487541 2014 UV_{190} 11 24.7 207°.89 0°.6/25.1 17

10 18	4 27.37	+25 3.3	2.529	3.315	12.1	21.0
10 28	4 22.80	+24 39.4	2.438	3.313	9.5	20.9
11 7	4 16.32	+24 7.5	2.371	3.311	6.4	20.7
11 17	4 8.48	+23 28.1	2.330	3.309	3.0	20.4
11 27	4 0.05	+22 43.1	2.320	3.306	0.9	20.3
12 7	3 51.91	+21 55.5	2.340	3.303	4.3	20.5
12 17	3 44.85	+21 9.0	2.390	3.300	7.6	20.7
12 27	3 39.52	+20 27.4	2.466	3.297	10.6	20.9

405772 2005 YW_{239} 11 24.7 292°.91 4°.8/22.6 18

10 18	4 27.32	+ 7 34.5	2.144	2.949	13.4	20.7
10 28	4 22.97	+ 7 4.0	2.062	2.944	10.7	20.5
11 7	4 16.55	+ 6 37.3	2.002	2.938	7.7	20.3
11 17	4 8.63	+ 6 17.7	1.969	2.933	5.3	20.1
11 27	4 0.01	+ 6 8.5	1.964	2.928	5.1	20.1
12 7	3 51.65	+ 6 11.9	1.988	2.923	7.4	20.3
12 17	3 44.41	+ 6 28.8	2.038	2.917	10.4	20.4
12 27	3 39.01	+ 6 58.9	2.113	2.912	13.2	20.6

65016 2002 AF_{89} 11 24.7 234°.69 0°.2/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 28.41	+23 13.9	2.125	2.922	13.8	20.0
10 28	4 23.95	+22 53.0	2.039	2.921	10.8	19.8
11 7	4 17.26	+22 24.5	1.976	2.920	7.2	19.5
11 17	4 8.95	+21 49.0	1.939	2.918	3.2	19.3
11 27	3 59.92	+21 8.7	1.931	2.917	0.9	19.1
12 7	3 51.23	+20 27.0	1.953	2.915	5.0	19.4
12 17	3 43.82	+19 47.9	2.003	2.914	8.8	19.6
12 27	3 38.43	+19 15.2	2.078	2.912	12.1	19.8

489155 2006 EL_{16} 11 24.7 181°.06 4°.5/21.7 17

10 18	4 25.48	+ 6 30.3	2.763	3.556	11.0	22.1
10 28	4 21.01	+ 5 39.7	2.683	3.557	8.8	22.0
11 7	4 14.97	+ 4 51.8	2.629	3.557	6.5	21.8
11 17	4 7.85	+ 4 10.0	2.602	3.557	4.8	21.7
11 27	4 0.26	+ 3 37.6	2.604	3.557	4.8	21.7
12 7	3 52.91	+ 3 17.1	2.636	3.556	6.6	21.9
12 17	3 46.43	+ 3 9.6	2.696	3.555	8.9	22.0
12 27	3 41.36	+ 3 15.4	2.781	3.554	11.1	22.2

362985 2013 CU_{66} 11 24.7 242°.54 5°.1/22.2 18

10 18	4 28.00	+ 8 49.5	2.003	2.811	14.1	21.2
10 28	4 23.62	+ 7 55.0	1.921	2.805	11.2	21.0
11 7	4 17.05	+ 7 2.0	1.862	2.799	8.1	20.8
11 17	4 8.86	+ 6 15.0	1.829	2.793	5.6	20.6
11 27	3 59.95	+ 5 38.5	1.824	2.787	5.5	20.6
12 7	3 51.32	+ 5 16.4	1.847	2.780	8.0	20.7
12 17	3 43.91	+ 5 10.5	1.897	2.774	11.2	20.9
12 27	3 38.48	+ 5 21.1	1.970	2.767	14.2	21.1

217236 2003 FQ_{78} 11 24.7 172°.55 0°.7/25.0 18 R

10 18	4 33.20	+24 5.0	2.073	2.861	14.4	21.1
10 28	4 27.71	+23 56.6	1.988	2.864	11.3	20.9
11 7	4 19.79	+23 40.4	1.926	2.867	7.6	20.7
11 17	4 10.08	+23 16.2	1.891	2.869	3.5	20.4
11 27	3 59.60	+22 45.4	1.885	2.870	1.1	20.2
12 7	3 49.49	+22 11.0	1.909	2.871	5.1	20.5
12 17	3 40.81	+21 37.0	1.961	2.871	9.1	20.8
12 27	3 34.35	+21 7.6	2.040	2.871	12.5	21.0

291973 2006 QD_{78} 11 24.7 70°.14 5°.8/22.8 18

10 18	4 32.01	+10 11.1	1.340	2.167	18.7	20.4
10 28	4 27.50	+ 9 16.8	1.283	2.179	14.7	20.2
11 7	4 19.93	+ 8 25.2	1.246	2.191	10.4	19.9
11 17	4 10.18	+ 7 41.8	1.233	2.204	6.6	19.8
11 27	3 59.61	+ 7 12.6	1.246	2.216	6.3	19.8
12 7	3 49.74	+ 7 1.5	1.285	2.228	9.6	20.0
12 17	3 41.83	+ 7 9.9	1.348	2.241	13.6	20.3
12 27	3 36.77	+ 7 36.9	1.431	2.253	17.3	20.6

484054 2006 GG_{35} 11 24.7 201°.03 3°.2/22.5 18

10 18	4 25.60	+10 47.2	2.941	3.735	10.4	21.8
10 28	4 21.05	+10 3.9	2.853	3.731	8.2	21.6
11 7	4 15.00	+ 9 20.9	2.790	3.727	5.7	21.4
11 17	4 7.88	+ 8 40.6	2.755	3.722	3.6	21.3
11 27	4 0.29	+ 8 6.0	2.750	3.717	3.5	21.3
12 7	3 52.90	+ 7 39.4	2.776	3.712	5.5	21.4
12 17	3 46.33	+ 7 22.7	2.831	3.706	8.0	21.6
12 27	3 41.11	+ 7 16.7	2.912	3.700	10.3	21.7

236769 2007 OR_6 11 24.7 85°.45 2°.8/23.6 18

10 18	4 31.89	+14 37.0	1.720	2.531	15.9	20.6
10 28	4 26.82	+14 13.2	1.657	2.547	12.4	20.4
11 7	4 19.20	+13 48.6	1.616	2.562	8.3	20.2
11 17	4 9.80	+13 25.6	1.601	2.578	4.2	20.0
11 27	3 59.73	+13 7.2	1.614	2.594	3.2	19.9
12 7	3 50.22	+12 56.4	1.655	2.609	6.8	20.2
12 17	3 42.32	+12 55.3	1.723	2.624	10.7	20.4
12 27	3 36.81	+13 5.1	1.815	2.639	14.1	20.7

313322 2002 EC_{144} 11 24.7 147°.51 0°.2/24.8 18

10 18	4 29.24	+22 9.8	2.455	3.244	12.4	21.1
10 28	4 24.24	+22 5.8	2.372	3.249	9.6	21.0
11 7	4 17.29	+21 56.6	2.313	3.255	6.4	20.8
11 17	4 8.93	+21 42.5	2.281	3.260	2.9	20.6
11 27	3 59.98	+21 24.5	2.279	3.265	0.8	20.4
12 7	3 51.32	+21 4.9	2.307	3.269	4.4	20.7
12 17	3 43.78	+20 46.2	2.365	3.273	7.8	20.9
12 27	3 38.03	+20 31.2	2.449	3.277	10.7	21.1

97727 2000 GG_{163} 11 24.7 315°.31 3°.8/23.2 18

10 18	4 26.84	+10 29.6	2.037	2.847	13.8	18.6
10 28	4 22.87	+10 12.9	1.943	2.831	10.9	18.4
11 7	4 16.67	+ 9 58.7	1.872	2.815	7.6	18.2
11 17	4 8.77	+ 9 49.4	1.827	2.799	4.6	17.9
11 27	4 0.01	+ 9 48.0	1.810	2.784	4.1	17.9
12 7	3 51.40	+ 9 56.4	1.821	2.769	6.9	18.0
12 17	3 43.92	+10 16.0	1.860	2.754	10.4	18.2
12 27	3 38.39	+10 46.9	1.922	2.740	13.7	18.4

361396 2006 VC_{142} 11 24.7 350°.63 0°.0/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 28.23	+22 24.2	1.765	2.575	15.6	20.8
10 28	4 24.29	+22 7.6	1.683	2.573	12.2	20.6
11 7	4 17.74	+21 43.2	1.624	2.571	8.2	20.4
11 17	4 9.25	+21 11.8	1.589	2.569	3.7	20.1
11 27	3 59.90	+20 35.7	1.582	2.568	1.1	19.9
12 7	3 50.92	+19 58.7	1.603	2.567	5.8	20.2
12 17	3 43.44	+19 25.3	1.651	2.566	10.1	20.5
12 27	3 38.33	+18 59.5	1.723	2.566	13.8	20.7

258637 2002 EA_{32} 11 24.7 155°.15 3°.4/23.4 16

10 18	4 33.80	+14 21.7	1.629	2.441	16.7	21.2
10 28	4 28.57	+13 44.0	1.557	2.446	13.0	21.0
11 7	4 20.54	+13 4.5	1.506	2.452	8.8	20.7
11 17	4 10.47	+12 26.4	1.480	2.457	4.7	20.5
11 27	3 59.55	+11 53.8	1.483	2.461	3.9	20.5
12 7	3 49.13	+11 30.8	1.513	2.465	7.6	20.7
12 17	3 40.40	+11 20.4	1.570	2.468	11.7	21.0
12 27	3 34.26	+11 24.0	1.650	2.471	15.4	21.2

274159 2008 FM_{105} 11 24.7 291°.94 0°.5/24.6 18

10 18	4 31.84	+19 59.1	1.421	2.243	18.2	21.1
10 28	4 27.95	+20 0.3	1.334	2.230	14.3	20.8
11 7	4 20.70	+19 56.3	1.267	2.217	9.7	20.5
11 17	4 10.76	+19 47.4	1.224	2.205	4.3	20.1
11 27	3 59.41	+19 34.9	1.206	2.192	1.5	19.9
12 7	3 48.31	+19 21.9	1.215	2.180	7.1	20.2
12 17	3 39.02	+19 12.4	1.250	2.167	12.4	20.5
12 27	3 32.76	+19 10.6	1.306	2.155	17.0	20.7

146997 2002 PY_{91} 11 24.7 64°.22 4°.3/23.4 18

10 18	4 33.84	+12 55.5	1.299	2.126	19.2	20.0
10 28	4 28.86	+12 16.7	1.251	2.149	14.9	19.8
11 7	4 20.75	+11 38.8	1.224	2.172	10.1	19.6
11 17	4 10.50	+11 6.1	1.219	2.195	5.6	19.4
11 27	3 59.58	+10 43.1	1.241	2.218	4.8	19.4
12 7	3 49.52	+10 33.5	1.289	2.241	8.5	19.7
12 17	3 41.59	+10 38.8	1.362	2.264	12.8	20.0
12 27	3 36.59	+10 59.1	1.456	2.287	16.6	20.3

220170 2002 TW_{284} 11 24.7 57°.43 5°.3/26.2 18

10 18	4 37.28	+30 12.8	1.354	2.154	20.0	19.5
10 28	4 32.34	+31 13.6	1.293	2.168	16.2	19.3
11 7	4 23.60	+32 2.0	1.251	2.183	11.7	19.1
11 17	4 11.97	+32 32.1	1.232	2.198	7.4	18.9
11 27	3 59.10	+32 40.8	1.238	2.213	5.3	18.8
12 7	3 46.94	+32 29.9	1.271	2.228	7.9	19.0
12 17	3 37.20	+32 5.3	1.328	2.244	12.0	19.3
12 27	3 31.00	+31 35.6	1.409	2.260	15.9	19.6

483184 2015 PF_{112} 11 24.7 11°.40 1°.4/24.3 17

10 18	4 27.07	+18 8.4	1.283	2.121	18.8	20.9
10 28	4 24.13	+18 5.0	1.219	2.125	14.6	20.7
11 7	4 17.98	+17 58.0	1.175	2.129	9.7	20.4
11 17	4 9.44	+17 48.9	1.154	2.135	4.4	20.1
11 27	3 59.86	+17 40.1	1.157	2.143	2.1	20.0
12 7	3 50.84	+17 34.7	1.187	2.151	7.2	20.4
12 17	3 43.77	+17 35.9	1.240	2.161	12.2	20.7
12 27	3 39.63	+17 46.2	1.315	2.172	16.4	21.0

28245 1999 AV_{37} 11 24.7 326°.71 6°.9/22.2 18

10 18	4 27.46	+ 5 1.3	1.653	2.471	16.2	18.5
10 28	4 23.73	+ 4 18.4	1.574	2.460	13.1	18.3
11 7	4 17.42	+ 3 42.0	1.516	2.450	9.9	18.1
11 17	4 9.15	+ 3 17.4	1.482	2.440	7.3	17.9
11 27	3 59.93	+ 3 9.8	1.474	2.431	7.3	17.9
12 7	3 51.01	+ 3 22.0	1.492	2.423	9.8	18.0
12 17	3 43.49	+ 3 54.4	1.535	2.414	13.2	18.2
12 27	3 38.30	+ 4 45.3	1.600	2.407	16.5	18.4

254554 2005 EB_{264} 11 24.7 316°.19 3°.4/23.4 18

10 18	4 28.71	+16 46.7	1.261	2.099	19.1	20.0
10 28	4 25.64	+15 57.4	1.183	2.088	15.0	19.7
11 7	4 19.18	+15 1.3	1.124	2.077	10.2	19.4
11 17	4 10.06	+14 2.6	1.087	2.067	5.2	19.1
11 27	3 59.65	+13 7.6	1.076	2.057	4.1	19.0
12 7	3 49.63	+12 23.0	1.090	2.048	8.8	19.2
12 17	3 41.56	+11 54.6	1.127	2.039	14.0	19.5
12 27	3 36.58	+11 45.4	1.185	2.031	18.6	19.8

448329 2009 DJ_{124} 11 24.7 172°.25 7°.1/27.9 18

10 18	4 36.98	+40 19.8	2.174	2.905	15.5	21.5
10 28	4 31.27	+41 15.9	2.089	2.907	13.1	21.3
11 7	4 22.54	+41 57.1	2.024	2.908	10.6	21.1
11 17	4 11.46	+42 18.2	1.983	2.909	8.2	21.0
11 27	3 59.23	+42 15.7	1.969	2.910	7.1	20.9
12 7	3 47.34	+41 50.5	1.983	2.911	7.9	21.0
12 17	3 37.15	+41 6.8	2.024	2.911	10.0	21.1
12 27	3 29.68	+40 12.3	2.089	2.911	12.6	21.3

150376 2000 DG_4 11 24.7 326°.75 1°.2/25.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 28.73	+22 25.7	1.223	2.058	19.7	20.2
10 28	4 26.16	+22 46.2	1.138	2.041	15.7	19.9
11 7	4 19.89	+23 0.5	1.072	2.024	10.7	19.6
11 17	4 10.53	+23 6.8	1.028	2.009	5.1	19.2
11 27	3 59.48	+23 4.9	1.008	1.994	1.7	18.9
12 7	3 48.63	+22 57.2	1.013	1.981	7.5	19.3
12 17	3 39.80	+22 48.1	1.042	1.968	13.3	19.5
12 27	3 34.40	+22 43.3	1.091	1.957	18.3	19.8

22992 Susansmith 11 24.7 191°.61 0°.3/24.6 18

10 18	4 28.18	+20 51.0	2.229	3.028	13.2	19.4
10 28	4 23.67	+20 40.6	2.144	3.028	10.2	19.2
11 7	4 17.05	+20 25.2	2.083	3.028	6.8	19.0
11 17	4 8.89	+20 5.6	2.047	3.027	3.0	18.8
11 27	4 0.05	+19 43.2	2.041	3.027	1.0	18.6
12 7	3 51.50	+19 20.7	2.065	3.027	4.9	18.9
12 17	3 44.13	+19 0.9	2.117	3.027	8.5	19.1
12 27	3 38.66	+18 46.8	2.195	3.027	11.7	19.3

404842 2014 KO_3 11 24.7 113°.05 1°.2/24.3 18

10 18	4 31.42	+17 26.9	2.031	2.831	14.2	21.5
10 28	4 26.25	+17 25.7	1.956	2.840	11.0	21.3
11 7	4 18.78	+17 22.4	1.904	2.850	7.3	21.1
11 17	4 9.65	+17 17.7	1.879	2.859	3.3	20.9
11 27	3 59.83	+17 13.1	1.883	2.867	1.7	20.8
12 7	3 50.39	+17 10.5	1.916	2.876	5.5	21.1
12 17	3 42.30	+17 11.9	1.978	2.884	9.2	21.3
12 27	3 36.33	+17 19.2	2.065	2.892	12.5	21.5

512528 2016 RL_{37} 11 24.7 78°.49 1°.7/25.3 18

10 18	4 37.38	+25 29.5	1.498	2.298	18.4	21.5
10 28	4 31.49	+25 33.4	1.444	2.326	14.4	21.3
11 7	4 22.46	+25 26.8	1.411	2.353	9.7	21.1
11 17	4 11.27	+25 8.7	1.403	2.380	4.7	20.9
11 27	3 59.39	+24 40.6	1.422	2.406	1.9	20.8
12 7	3 48.39	+24 6.5	1.469	2.433	6.2	21.1
12 17	3 39.55	+23 32.0	1.542	2.458	10.6	21.5
12 27	3 33.69	+23 2.7	1.640	2.483	14.4	21.8

108201 Di Blasi 11 24.7 61°.12 0°.3/24.6 18

10 18	4 31.39	+22 23.1	1.649	2.458	16.6	18.7
10 28	4 26.55	+21 54.6	1.591	2.480	12.8	18.5
11 7	4 19.05	+21 17.9	1.555	2.503	8.5	18.3
11 17	4 9.74	+20 34.7	1.545	2.525	3.7	18.1
11 27	3 59.84	+19 48.2	1.562	2.548	1.2	18.0
12 7	3 50.64	+19 3.1	1.608	2.571	5.9	18.3
12 17	3 43.20	+18 24.1	1.680	2.593	10.1	18.6
12 27	3 38.26	+17 55.0	1.777	2.616	13.7	18.9

72382 2001 CR_{10} 11 24.7 5°.66 4°.5/25.9 18

10 18	4 30.80	+28 12.6	1.116	1.946	21.6	18.6
10 28	4 28.04	+28 57.4	1.050	1.945	17.4	18.4
11 7	4 21.19	+29 29.7	1.001	1.945	12.4	18.1
11 17	4 11.07	+29 44.7	0.973	1.947	7.2	17.8
11 27	3 59.39	+29 40.0	0.969	1.950	4.5	17.7
12 7	3 48.31	+29 18.4	0.988	1.953	8.2	17.9
12 17	3 39.75	+28 46.6	1.031	1.958	13.3	18.2
12 27	3 35.00	+28 13.7	1.094	1.964	18.0	18.5

480038 2015 BK_{198} 11 24.7 168°.02 1°.3/25.2 16

10 18	4 35.57	+24 51.1	1.613	2.412	17.3	22.2
10 28	4 30.32	+24 51.9	1.534	2.415	13.7	21.9
11 7	4 21.93	+24 43.2	1.476	2.418	9.3	21.7
11 17	4 11.19	+24 23.9	1.442	2.420	4.5	21.4
11 27	3 59.39	+23 55.0	1.437	2.422	1.6	21.2
12 7	3 48.08	+23 20.0	1.459	2.423	6.2	21.5
12 17	3 38.64	+22 44.2	1.509	2.424	10.9	21.8
12 27	3 32.06	+22 13.5	1.583	2.424	14.9	22.1

485993 2012 KC_{17} 11 24.7 314°.35 1°.4/23.8 17

10 18	4 26.17	+19 56.4	2.266	3.069	12.9	21.1
10 28	4 22.04	+19 2.5	2.178	3.065	10.0	20.9
11 7	4 15.92	+18 1.8	2.114	3.061	6.6	20.7
11 17	4 8.38	+16 56.7	2.078	3.057	3.0	20.4
11 27	4 0.24	+15 51.0	2.071	3.054	1.9	20.3
12 7	3 52.41	+14 49.1	2.094	3.050	5.3	20.6
12 17	3 45.72	+13 55.3	2.145	3.047	8.8	20.8
12 27	3 40.83	+13 12.9	2.222	3.044	11.9	21.0

4271 Novosibirsk 11 24.7 121°.52 4°.8/22.1 18 R

10 18	4 26.93	+ 7 24.5	2.354	3.154	12.5	16.7
10 28	4 22.37	+ 6 36.4	2.283	3.162	9.9	16.5
11 7	4 16.00	+ 5 51.4	2.236	3.169	7.2	16.4
11 17	4 8.38	+ 5 13.1	2.216	3.176	5.1	16.3
11 27	4 0.25	+ 4 45.2	2.225	3.183	5.1	16.3
12 7	3 52.45	+ 4 30.0	2.262	3.190	7.1	16.4
12 17	3 45.71	+ 4 28.9	2.327	3.196	9.7	16.6
12 27	3 40.63	+ 4 41.7	2.416	3.203	12.2	16.8

185901 2000 SU_{10} 11 24.7 57°.45 4°.1/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 27.01	+12 50.3	1.965	2.777	14.2	20.1
10 28	4 22.82	+11 43.3	1.893	2.783	11.0	19.9
11 7	4 16.48	+10 34.5	1.844	2.788	7.6	19.7
11 17	4 8.63	+ 9 28.4	1.822	2.794	4.7	19.5
11 27	4 0.18	+ 8 30.2	1.829	2.799	4.5	19.5
12 7	3 52.14	+ 7 44.3	1.864	2.805	7.3	19.7
12 17	3 45.38	+ 7 13.8	1.926	2.811	10.6	19.9
12 27	3 40.61	+ 6 59.9	2.011	2.817	13.6	20.2

311649 2006 RJ_{35} 11 24.7 69°.09 2°.1/25.5 18

10 18	4 32.29	+26 4.3	1.809	2.604	15.9	20.8
10 28	4 27.38	+26 21.3	1.738	2.616	12.5	20.6
11 7	4 19.75	+26 29.6	1.689	2.628	8.6	20.4
11 17	4 10.15	+26 27.8	1.665	2.640	4.4	20.2
11 27	3 59.74	+26 15.9	1.669	2.652	2.2	20.1
12 7	3 49.81	+25 56.6	1.701	2.664	5.6	20.3
12 17	3 41.53	+25 33.7	1.761	2.677	9.5	20.6
12 27	3 35.75	+25 12.1	1.846	2.689	13.1	20.8

387763 2003 SH_{181} 11 24.7 46°.10 1°.8/24.0 17

10 18	4 31.20	+18 22.0	1.370	2.197	18.5	20.2
10 28	4 26.79	+17 53.8	1.321	2.220	14.2	20.0
11 7	4 19.39	+17 20.9	1.292	2.243	9.4	19.8
11 17	4 9.95	+16 45.9	1.287	2.267	4.3	19.6
11 27	3 59.85	+16 12.8	1.308	2.292	2.4	19.6
12 7	3 50.56	+15 45.8	1.356	2.317	7.0	19.9
12 17	3 43.27	+15 28.6	1.429	2.342	11.5	20.2
12 27	3 38.77	+15 23.5	1.525	2.368	15.3	20.5

103672 2000 CB_{55} 11 24.7 141°.43 3°.0/23.2 18

10 18	4 30.27	+12 40.9	2.300	3.097	12.9	19.8
10 28	4 25.00	+12 9.6	2.226	3.107	10.0	19.6
11 7	4 17.78	+11 38.4	2.176	3.118	6.8	19.5
11 17	4 9.19	+11 9.6	2.154	3.127	3.9	19.3
11 27	4 0.06	+10 46.2	2.161	3.136	3.4	19.3
12 7	3 51.29	+10 30.5	2.199	3.145	6.0	19.5
12 17	3 43.69	+10 24.4	2.265	3.153	9.1	19.7
12 27	3 37.90	+10 28.8	2.356	3.161	11.9	19.9

391207 2006 HR_{43} 11 24.7 125°.62 0°.1/24.7 18

10 18	4 31.68	+22 6.1	1.988	2.785	14.6	22.0
10 28	4 26.52	+21 46.1	1.913	2.795	11.4	21.8
11 7	4 18.99	+21 19.2	1.861	2.805	7.6	21.6
11 17	4 9.77	+20 46.2	1.835	2.815	3.3	21.4
11 27	3 59.89	+20 9.3	1.838	2.824	1.0	21.2
12 7	3 50.46	+19 32.2	1.871	2.833	5.3	21.6
12 17	3 42.48	+18 58.6	1.933	2.842	9.2	21.8
12 27	3 36.71	+18 32.3	2.019	2.850	12.6	22.0

5734 Noguchi 11 24.7 313°.83 3°.6/23.7 18

10 18	4 31.39	+13 1.2	1.432	2.257	17.9	17.4
10 28	4 27.32	+12 49.3	1.353	2.250	14.1	17.1
11 7	4 20.12	+12 38.8	1.294	2.243	9.7	16.8
11 17	4 10.48	+12 32.3	1.259	2.237	5.1	16.6
11 27	3 59.64	+12 32.9	1.250	2.230	4.0	16.5
12 7	3 49.14	+12 43.2	1.268	2.224	8.1	16.7
12 17	3 40.38	+13 4.7	1.311	2.219	12.8	17.0
12 27	3 34.46	+13 38.2	1.375	2.213	17.0	17.2

304208 2006 QY_{117} 11 24.7 101°.45 0°.8/25.1 18

10 18	4 31.11	+24 8.7	1.947	2.743	14.9	21.0
10 28	4 26.21	+24 0.1	1.872	2.752	11.6	20.8
11 7	4 18.85	+23 43.5	1.819	2.761	7.8	20.6
11 17	4 9.73	+23 18.8	1.792	2.770	3.6	20.3
11 27	3 59.90	+22 47.8	1.794	2.779	1.2	20.2
12 7	3 50.52	+22 13.7	1.825	2.788	5.2	20.5
12 17	3 42.63	+21 40.6	1.884	2.797	9.2	20.7
12 27	3 37.00	+21 12.5	1.968	2.806	12.6	21.0

100701 1998 AC_{1} 11 24.7 318°.22 6°.4/26.8 18

10 18	4 32.31	+33 12.6	1.278	2.084	20.7	18.7
10 28	4 29.24	+33 57.2	1.196	2.072	17.1	18.5
11 7	4 22.11	+34 25.8	1.131	2.060	12.9	18.2
11 17	4 11.60	+34 32.1	1.086	2.049	8.6	17.9
11 27	3 59.29	+34 12.2	1.066	2.039	6.4	17.8
12 7	3 47.33	+33 28.1	1.070	2.029	8.8	17.9
12 17	3 37.70	+32 27.6	1.098	2.020	13.3	18.1
12 27	3 31.88	+31 22.2	1.147	2.011	17.8	18.3

274995 2009 TB_{23} 11 24.7 347°.60 2°.9/25.3 17

10 18	4 30.34	+24 2.7	1.612	2.422	16.9	19.7
10 28	4 26.62	+25 9.4	1.525	2.411	13.4	19.4
11 7	4 19.79	+26 13.3	1.459	2.401	9.4	19.1
11 17	4 10.41	+27 10.7	1.418	2.393	5.1	18.9
11 27	3 59.66	+27 58.4	1.403	2.385	3.1	18.7
12 7	3 49.02	+28 34.8	1.416	2.379	6.6	18.9
12 17	3 39.97	+29 1.6	1.456	2.374	10.9	19.2
12 27	3 33.72	+29 22.4	1.518	2.369	14.9	19.4

407256 2010 AG_{72} 11 24.7 20°.10 15°.4/20.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 27.24	−20 1.8	1.729	2.467	18.6	19.4
10 28	4 23.19	−21 18.0	1.696	2.478	17.2	19.3
11 7	4 16.77	−22 6.7	1.680	2.490	16.0	19.3
11 17	4 8.76	−22 20.5	1.683	2.504	15.4	19.3
11 27	4 0.24	−21 54.9	1.706	2.518	15.5	19.3
12 7	3 52.31	−20 50.7	1.749	2.533	16.3	19.4
12 17	3 45.92	−19 12.4	1.810	2.550	17.4	19.5
12 27	3 41.73	−17 7.4	1.890	2.567	18.6	19.7

515926 2015 QS_{12} 11 24.7 173°.98 2°.4/25.9 18

10 18	4 33.07	+28 16.1	2.184	2.960	14.1	22.0
10 28	4 27.67	+28 25.3	2.097	2.963	11.2	21.8
11 7	4 19.84	+28 25.0	2.033	2.965	7.9	21.6
11 17	4 10.21	+28 13.8	1.995	2.966	4.3	21.3
11 27	3 59.78	+27 51.9	1.986	2.967	2.4	21.2
12 7	3 49.69	+27 21.4	2.007	2.968	5.1	21.4
12 17	3 40.98	+26 46.3	2.056	2.968	8.6	21.6
12 27	3 34.46	+26 11.6	2.132	2.967	11.9	21.8

299642 2006 KP_{60} 11 24.7 71°.84 4°.5/23.7 18

10 18	4 33.61	+ 8 7.6	1.717	2.523	16.2	20.2
10 28	4 28.22	+ 8 8.4	1.651	2.534	12.8	20.0
11 7	4 20.23	+ 8 15.5	1.607	2.546	9.0	19.8
11 17	4 10.37	+ 8 31.3	1.588	2.558	5.5	19.6
11 27	3 59.75	+ 8 57.4	1.597	2.570	4.8	19.6
12 7	3 49.61	+ 9 34.4	1.635	2.581	7.6	19.8
12 17	3 41.05	+10 21.6	1.700	2.593	11.3	20.0
12 27	3 34.90	+11 17.9	1.788	2.605	14.6	20.3

44515 1998 XR_{74} 11 24.7 135°.83 4°.2/27.3 18

10 18	4 30.36	+35 30.4	2.507	3.258	13.2	18.3
10 28	4 25.42	+35 44.6	2.419	3.261	10.8	18.2
11 7	4 18.25	+35 46.3	2.354	3.264	8.1	18.0
11 17	4 9.48	+35 33.4	2.315	3.267	5.6	17.8
11 27	4 0.01	+35 5.4	2.304	3.269	4.3	17.8
12 7	3 50.88	+34 24.4	2.322	3.272	5.4	17.8
12 17	3 43.02	+33 34.5	2.370	3.275	7.9	18.0
12 27	3 37.19	+32 40.8	2.443	3.277	10.6	18.2

454716 2014 SN_{189} 11 24.7 8°.35 2°.9/25.9 17

10 18	4 30.76	+27 57.3	2.097	2.882	14.4	21.4
10 28	4 26.07	+28 31.5	2.013	2.882	11.5	21.2
11 7	4 18.90	+28 57.9	1.950	2.883	8.1	21.0
11 17	4 9.84	+29 14.1	1.914	2.884	4.7	20.8
11 27	3 59.89	+29 19.3	1.905	2.885	2.9	20.7
12 7	3 50.20	+29 14.3	1.926	2.886	5.4	20.9
12 17	3 41.86	+29 2.3	1.975	2.888	8.9	21.1
12 27	3 35.75	+28 47.6	2.049	2.889	12.1	21.3

119722 2001 XN_{238} 11 24.7 23°.79 0°.4/24.9 18

10 18	4 29.38	+21 55.0	1.767	2.576	15.7	19.6
10 28	4 25.18	+21 59.6	1.692	2.581	12.2	19.4
11 7	4 18.36	+21 58.3	1.639	2.585	8.2	19.2
11 17	4 9.59	+21 51.2	1.610	2.590	3.7	18.9
11 27	3 59.98	+21 39.2	1.609	2.595	1.1	18.8
12 7	3 50.78	+21 25.0	1.637	2.601	5.6	19.1
12 17	3 43.10	+21 11.9	1.691	2.607	9.8	19.4
12 27	3 37.80	+21 3.3	1.770	2.614	13.5	19.6

481859 2008 YB_{8} 11 24.7 359°.05 3°.2/23.6 18

10 18	4 25.94	+15 44.2	1.266	2.109	18.7	20.2
10 28	4 23.34	+15 13.1	1.198	2.105	14.6	19.9
11 7	4 17.55	+14 38.9	1.149	2.103	9.9	19.7
11 17	4 9.35	+14 5.3	1.122	2.102	5.0	19.4
11 27	4 0.06	+13 37.0	1.120	2.102	3.7	19.3
12 7	3 51.25	+13 18.7	1.144	2.103	8.2	19.6
12 17	3 44.32	+13 13.9	1.190	2.106	13.1	19.9
12 27	3 40.30	+13 24.3	1.258	2.109	17.4	20.1

372929 2011 BG_{28} 11 24.7 228°.59 8°.1/29.8 18

10 18	4 36.85	+48 54.0	2.810	3.479	13.6	21.0
10 28	4 31.00	+49 50.5	2.714	3.472	12.0	20.9
11 7	4 22.32	+50 31.5	2.638	3.464	10.4	20.8
11 17	4 11.43	+50 51.7	2.584	3.456	8.9	20.7
11 27	3 59.42	+50 47.7	2.557	3.448	8.2	20.6
12 7	3 47.63	+50 19.5	2.556	3.440	8.4	20.6
12 17	3 37.34	+49 30.5	2.581	3.431	9.6	20.7
12 27	3 29.55	+48 26.8	2.632	3.423	11.2	20.8

407574 2011 AX_{8} 11 24.7 76°.38 4°.5/22.9 18

10 18	4 28.94	+ 7 21.5	2.181	2.981	13.4	20.7
10 28	4 24.06	+ 7 1.8	2.114	2.993	10.6	20.6
11 7	4 17.20	+ 6 46.8	2.070	3.005	7.6	20.4
11 17	4 8.97	+ 6 39.3	2.053	3.017	5.0	20.3
11 27	4 0.19	+ 6 41.6	2.065	3.030	4.7	20.3
12 7	3 51.79	+ 6 55.2	2.105	3.042	6.9	20.4
12 17	3 44.57	+ 7 20.4	2.173	3.054	9.8	20.6
12 27	3 39.18	+ 7 56.6	2.266	3.066	12.5	20.9

220154 2002 TZ_{214} 11 24.7 1°.04 5°.3/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 24.79	+11 30.1	0.981	1.843	21.4	19.1
10 28	4 23.16	+11 8.0	0.922	1.839	16.9	18.8
11 7	4 17.81	+10 49.5	0.881	1.837	11.8	18.6
11 17	4 9.56	+10 40.0	0.859	1.837	6.8	18.3
11 27	3 59.99	+10 44.3	0.860	1.838	5.7	18.3
12 7	3 51.01	+11 5.6	0.883	1.842	10.1	18.5
12 17	3 44.27	+11 44.1	0.927	1.847	15.3	18.8
12 27	3 40.96	+12 38.4	0.990	1.854	19.9	19.1

140264 2001 SR_{267} 11 24.7 73°.85 0°.1/24.8 18

10 18	4 33.24	+20 40.6	1.903	2.701	15.1	20.0
10 28	4 27.74	+20 52.8	1.842	2.724	11.7	19.8
11 7	4 19.79	+21 0.7	1.802	2.747	7.8	19.6
11 17	4 10.14	+21 3.9	1.789	2.769	3.4	19.4
11 27	3 59.86	+21 3.3	1.805	2.791	1.0	19.3
12 7	3 50.11	+21 0.6	1.851	2.814	5.3	19.6
12 17	3 41.92	+20 58.4	1.924	2.836	9.1	19.9
12 27	3 36.03	+20 59.6	2.023	2.857	12.4	20.2

359736 2011 UJ_{49} 11 24.7 115°.07 1°.1/24.2 18

10 18	4 29.34	+20 3.9	1.901	2.708	14.8	21.1
10 28	4 24.89	+19 31.8	1.822	2.710	11.5	20.9
11 7	4 18.03	+18 53.3	1.764	2.711	7.6	20.6
11 17	4 9.41	+18 10.3	1.733	2.713	3.4	20.4
11 27	4 0.06	+17 26.0	1.730	2.715	1.7	20.3
12 7	3 51.10	+16 44.3	1.757	2.717	5.8	20.6
12 17	3 43.56	+16 9.4	1.811	2.719	9.8	20.8
12 27	3 38.21	+15 44.6	1.889	2.720	13.3	21.0

493253 2014 UD_{107} 11 24.7 331°.61 3°.3/22.9 17

10 18	4 25.38	+13 44.5	2.130	2.941	13.3	21.4
10 28	4 21.55	+12 55.3	2.046	2.936	10.3	21.2
11 7	4 15.70	+12 4.0	1.986	2.931	7.1	20.9
11 17	4 8.36	+11 14.1	1.953	2.927	4.1	20.8
11 27	4 0.37	+10 29.6	1.948	2.922	3.7	20.7
12 7	3 52.67	+ 9 54.1	1.971	2.918	6.5	20.9
12 17	3 46.09	+ 9 30.6	2.022	2.914	9.8	21.1
12 27	3 41.34	+ 9 20.5	2.097	2.911	12.9	21.3

365288 2009 RT_{17} 11 24.7 32°.59 4°.9/22.2 18

10 18	4 26.03	+ 9 55.7	1.948	2.763	14.2	20.4
10 28	4 22.09	+ 8 56.3	1.880	2.769	11.2	20.2
11 7	4 16.04	+ 7 58.1	1.834	2.775	7.9	20.0
11 17	4 8.49	+ 7 5.7	1.815	2.781	5.3	19.9
11 27	4 0.35	+ 6 23.8	1.823	2.788	5.2	19.9
12 7	3 52.59	+ 5 56.1	1.860	2.795	7.7	20.0
12 17	3 46.10	+ 5 44.6	1.922	2.803	10.8	20.2
12 27	3 41.55	+ 5 49.4	2.008	2.811	13.7	20.4

511744 2015 DF_{120} 11 24.7 131°.43 1°.2/25.1 18

10 18	4 36.62	+23 5.4	1.675	2.472	16.9	21.7
10 28	4 30.97	+23 25.5	1.601	2.482	13.3	21.5
11 7	4 22.30	+23 39.3	1.549	2.491	9.0	21.2
11 17	4 11.39	+23 45.2	1.522	2.500	4.2	21.0
11 27	3 59.49	+23 43.0	1.523	2.509	1.5	20.8
12 7	3 48.09	+23 34.9	1.553	2.516	6.0	21.1
12 17	3 38.49	+23 24.6	1.611	2.524	10.4	21.4
12 27	3 31.67	+23 16.3	1.692	2.531	14.2	21.7

86721 2000 GJ_{28} 11 24.7 114°.80 1°.2/25.2 18

10 18	4 35.45	+24 41.4	1.812	2.604	16.0	20.4
10 28	4 29.70	+24 42.4	1.743	2.620	12.5	20.2
11 7	4 21.23	+24 35.0	1.696	2.637	8.5	20.0
11 17	4 10.83	+24 18.3	1.675	2.652	4.0	19.8
11 27	3 59.68	+23 53.6	1.682	2.667	1.5	19.7
12 7	3 49.11	+23 24.0	1.719	2.682	5.5	20.0
12 17	3 40.26	+22 53.8	1.784	2.696	9.6	20.2
12 27	3 33.95	+22 27.8	1.873	2.710	13.2	20.5

343769 2011 FM_{145} 11 24.7 225°.81 1°.9/25.6 18

10 18	4 34.23	+27 26.2	1.984	2.767	15.1	21.4
10 28	4 28.93	+27 19.3	1.886	2.756	12.1	21.2
11 7	4 20.91	+27 1.6	1.809	2.745	8.4	21.0
11 17	4 10.80	+26 31.7	1.758	2.733	4.3	20.7
11 27	3 59.66	+25 50.5	1.736	2.720	2.0	20.5
12 7	3 48.79	+25 1.2	1.744	2.707	5.5	20.7
12 17	3 39.40	+24 9.1	1.780	2.693	9.7	20.9
12 27	3 32.43	+23 20.1	1.842	2.678	13.4	21.1

476483 2008 FN_{52} 11 24.7 281°.34 12°.8/16.4 18

10 18	4 28.40	− 2 14.3	1.479	2.290	18.1	21.0
10 28	4 24.76	− 4 56.2	1.411	2.277	15.6	20.8
11 7	4 18.29	− 7 31.0	1.364	2.264	13.6	20.6
11 17	4 9.66	− 9 45.6	1.342	2.251	12.8	20.6
11 27	4 0.00	−11 27.5	1.343	2.238	13.8	20.6
12 7	3 50.68	−12 28.9	1.367	2.225	16.0	20.7
12 17	3 42.93	−12 48.0	1.411	2.212	18.7	20.8
12 27	3 37.73	−12 28.5	1.472	2.199	21.2	21.0

238712 2005 GH_{36} 11 24.7 326°.18 2°.6/25.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 31.70	+25 41.2	2.151	2.936	14.0	19.9
10 28	4 26.86	+26 31.7	2.057	2.928	11.2	19.7
11 7	4 19.51	+27 17.6	1.986	2.921	7.8	19.5
11 17	4 10.19	+27 56.2	1.941	2.913	4.3	19.2
11 27	3 59.83	+28 25.6	1.925	2.906	2.6	19.1
12 7	3 49.58	+28 45.7	1.939	2.899	5.4	19.3
12 17	3 40.56	+28 58.0	1.981	2.892	8.9	19.5
12 27	3 33.71	+29 6.1	2.049	2.886	12.2	19.7

222060 1998 WA_{39} 11 24.7 262°.53 1°.5/23.7 18

10 18	4 26.96	+19 21.5	2.533	3.328	11.9	20.4
10 28	4 22.55	+18 29.5	2.430	3.312	9.2	20.2
11 7	4 16.26	+17 31.1	2.351	3.296	6.1	20.0
11 17	4 8.61	+16 28.4	2.301	3.280	2.9	19.8
11 27	4 0.32	+15 24.7	2.281	3.263	1.9	19.7
12 7	3 52.23	+14 24.0	2.291	3.246	5.1	19.9
12 17	3 45.12	+13 30.3	2.331	3.229	8.4	20.1
12 27	3 39.65	+12 46.8	2.398	3.212	11.4	20.2

281224 2007 HM_{75} 11 24.7 147°.95 2°.3/23.6 18

10 18	4 30.85	+17 46.4	1.749	2.560	15.7	21.7
10 28	4 26.19	+16 58.2	1.673	2.564	12.2	21.5
11 7	4 18.96	+16 4.3	1.619	2.567	8.2	21.3
11 17	4 9.86	+15 7.8	1.591	2.570	3.9	21.0
11 27	3 59.99	+14 13.2	1.591	2.573	2.9	21.0
12 7	3 50.58	+13 25.5	1.620	2.575	6.7	21.2
12 17	3 42.71	+12 48.9	1.675	2.578	10.8	21.5
12 27	3 37.21	+12 26.3	1.755	2.580	14.4	21.7

122148 2000 JE_{45} 11 24.7 82°.65 0°.2/24.7 18

10 18	4 35.64	+20 51.7	1.610	2.414	17.1	20.4
10 28	4 29.95	+20 49.2	1.552	2.438	13.3	20.2
11 7	4 21.41	+20 40.8	1.517	2.462	8.8	20.0
11 17	4 10.91	+20 26.9	1.506	2.486	3.9	19.7
11 27	3 59.72	+20 9.3	1.524	2.509	1.2	19.6
12 7	3 49.26	+19 51.0	1.570	2.532	6.0	20.0
12 17	3 40.69	+19 35.9	1.643	2.555	10.3	20.3
12 27	3 34.81	+19 27.2	1.740	2.577	14.0	20.6

177616 2004 HX_{47} 11 24.7 257°.26 4°.3/26.8 18

10 18	4 31.98	+33 15.6	2.083	2.851	15.0	20.2
10 28	4 27.24	+33 34.8	1.988	2.843	12.2	20.0
11 7	4 19.82	+33 41.3	1.915	2.835	9.1	19.8
11 17	4 10.33	+33 32.3	1.866	2.826	5.9	19.6
11 27	3 59.84	+33 6.8	1.846	2.818	4.3	19.5
12 7	3 49.63	+32 26.9	1.854	2.809	6.1	19.6
12 17	3 40.89	+31 37.1	1.890	2.801	9.3	19.7
12 27	3 34.55	+30 44.1	1.951	2.792	12.6	19.9

187027 2005 EZ_{119} 11 24.7 258°.20 2°.8/23.6 18

10 18	4 31.59	+17 13.4	1.471	2.292	17.7	20.4
10 28	4 27.45	+16 29.4	1.388	2.284	13.8	20.1
11 7	4 20.20	+15 39.2	1.327	2.276	9.3	19.8
11 17	4 10.56	+14 46.2	1.289	2.268	4.6	19.5
11 27	3 59.78	+13 55.2	1.278	2.260	3.4	19.4
12 7	3 49.38	+13 12.0	1.294	2.251	7.9	19.7
12 17	3 40.75	+12 41.6	1.336	2.243	12.7	19.9
12 27	3 34.92	+12 27.3	1.400	2.234	16.9	20.2

295189 2008 FG_{100} 11 24.7 180°.57 0°.0/24.7 18

10 18	4 35.14	+20 13.9	1.665	2.469	16.7	21.3
10 28	4 29.91	+20 27.2	1.584	2.469	13.1	21.0
11 7	4 21.70	+20 36.6	1.524	2.470	8.8	20.8
11 17	4 11.19	+20 41.3	1.490	2.470	3.9	20.5
11 27	3 59.60	+20 42.0	1.484	2.470	1.2	20.3
12 7	3 48.38	+20 40.4	1.506	2.469	6.2	20.6
12 17	3 38.85	+20 39.5	1.556	2.468	10.8	20.9
12 27	3 32.03	+20 42.7	1.629	2.467	14.7	21.1

355289 2007 RV_{145} 11 24.7 29°.09 4°.9/26.7 17

10 18	4 30.82	+31 44.7	1.259	2.072	20.6	20.0
10 28	4 27.39	+32 8.9	1.206	2.089	16.5	19.8
11 7	4 20.31	+32 15.5	1.171	2.106	12.0	19.6
11 17	4 10.58	+32 1.4	1.157	2.125	7.3	19.4
11 27	3 59.87	+31 26.7	1.168	2.145	4.9	19.3
12 7	3 50.04	+30 36.4	1.203	2.166	7.5	19.5
12 17	3 42.58	+29 38.8	1.264	2.188	11.7	19.8
12 27	3 38.47	+28 42.7	1.346	2.210	15.6	20.1

180982 2005 NU_{11} 11 24.7 61°.21 1°.3/24.2 18

10 18	4 29.67	+18 14.3	1.859	2.668	15.0	20.8
10 28	4 25.16	+17 59.4	1.786	2.676	11.6	20.6
11 7	4 18.23	+17 41.0	1.736	2.684	7.7	20.4
11 17	4 9.55	+17 20.3	1.712	2.692	3.5	20.2
11 27	4 0.15	+16 59.8	1.716	2.700	1.8	20.1
12 7	3 51.18	+16 42.3	1.749	2.709	5.8	20.3
12 17	3 43.65	+16 30.7	1.809	2.717	9.8	20.6
12 27	3 38.34	+16 27.2	1.893	2.726	13.2	20.8

320173 2007 GO_{16} 11 24.7 137°.62 2°.2/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 33.47	+26 17.9	1.676	2.474	16.8	20.8
10 28	4 28.71	+26 32.7	1.596	2.476	13.4	20.6
11 7	4 20.93	+26 38.2	1.538	2.477	9.2	20.3
11 17	4 10.87	+26 32.3	1.504	2.479	4.8	20.1
11 27	3 59.76	+26 15.2	1.497	2.480	2.3	19.9
12 7	3 49.06	+25 49.5	1.518	2.482	6.0	20.2
12 17	3 40.12	+25 20.0	1.566	2.483	10.4	20.4
12 27	3 33.92	+24 52.3	1.639	2.484	14.3	20.7

283354 1999 XU_{145} 11 24.7 49°.71 0°.3/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 31.45	+21 42.6	1.462	2.281	17.9	20.8
10 28	4 27.02	+21 24.8	1.406	2.300	13.9	20.6
11 7	4 19.63	+20 59.4	1.370	2.319	9.2	20.4
11 17	4 10.18	+20 27.5	1.359	2.339	4.0	20.2
11 27	4 0.00	+19 52.2	1.374	2.360	1.3	20.0
12 7	3 50.55	+19 17.9	1.416	2.380	6.3	20.4
12 17	3 43.03	+18 49.2	1.485	2.401	10.9	20.7
12 27	3 38.25	+18 29.9	1.576	2.423	14.7	21.0

138893 2000 YH_{66} 11 24.8 157°.46 6°.3/26.9 16 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	5 29.54	+37 3.0	1.252	1.952	26.2	21.2
10 28	5 14.13	+37 10.0	1.170	1.981	21.7	21.0
11 7	4 52.00	+36 47.5	1.105	2.005	16.1	20.7
11 17	4 24.74	+35 39.6	1.067	2.023	9.9	20.4
11 27	3 55.88	+33 40.5	1.062	2.036	6.3	20.3
12 7	3 29.58	+31 3.1	1.092	2.043	9.9	20.5
12 17	3 8.77	+28 13.7	1.154	2.045	15.6	20.8
12 27	2 54.54	+25 37.3	1.243	2.042	20.7	21.1

104574 2000 GQ_{78} 11 24.8 283°.05 1°.9/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 26.25	+17 24.7	2.379	3.181	12.3	20.2
10 28	4 22.17	+16 43.5	2.277	3.163	9.6	20.0
11 7	4 16.13	+15 57.7	2.199	3.145	6.4	19.8
11 17	4 8.63	+15 9.4	2.149	3.127	3.2	19.6
11 27	4 0.42	+14 21.7	2.128	3.109	2.3	19.5
12 7	3 52.38	+13 38.4	2.137	3.091	5.5	19.6
12 17	3 45.34	+13 2.7	2.174	3.073	8.9	19.8
12 27	3 40.00	+12 37.3	2.237	3.055	12.0	20.0

184319 2005 GF_{2} 11 24.8 248°.99 0°.0/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 33.65	+19 12.3	1.939	2.736	14.9	20.5
10 28	4 28.48	+19 37.3	1.847	2.729	11.7	20.2
11 7	4 20.65	+20 0.6	1.777	2.721	7.9	20.0
11 17	4 10.75	+20 21.5	1.733	2.713	3.5	19.7
11 27	3 59.79	+20 39.7	1.718	2.704	1.0	19.5
12 7	3 49.00	+20 55.7	1.733	2.696	5.6	19.8
12 17	3 39.56	+21 11.4	1.777	2.687	9.8	20.0
12 27	3 32.45	+21 29.2	1.845	2.678	13.5	20.2

187979 2001 QK_{234} 11 24.8 78°.02 2°.7/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 34.22	+16 12.1	1.517	2.332	17.5	20.6
10 28	4 28.86	+15 36.8	1.464	2.356	13.5	20.4
11 7	4 20.69	+14 58.9	1.432	2.380	9.0	20.2
11 17	4 10.61	+14 21.3	1.425	2.404	4.4	20.0
11 27	3 59.91	+13 48.0	1.446	2.427	3.2	19.9
12 7	3 49.97	+13 23.0	1.495	2.451	7.1	20.2
12 17	3 41.93	+13 9.3	1.569	2.473	11.3	20.5
12 27	3 36.56	+13 8.4	1.667	2.496	14.9	20.8

116278 2003 YY_{45} 11 24.8 278°.50 2°.9/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 30.96	+28 24.4	2.446	3.219	12.9	19.6
10 28	4 26.04	+29 2.0	2.346	3.209	10.3	19.4
11 7	4 18.85	+29 32.9	2.270	3.198	7.4	19.2
11 17	4 9.91	+29 54.9	2.220	3.188	4.4	19.0
11 27	4 0.05	+30 6.6	2.200	3.178	2.9	18.9
12 7	3 50.30	+30 8.7	2.210	3.167	5.0	19.0
12 17	3 41.64	+30 3.1	2.248	3.157	8.1	19.2
12 27	3 34.93	+29 53.6	2.313	3.146	11.1	19.4

353031 2009 CX_{22} 11 24.8 280°.20 2°.0/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 29.47	+17 25.3	1.827	2.638	15.2	22.0
10 28	4 25.35	+16 56.7	1.730	2.621	11.9	21.7
11 7	4 18.62	+16 23.4	1.656	2.604	8.0	21.4
11 17	4 9.86	+15 47.6	1.607	2.586	3.8	21.1
11 27	4 0.08	+15 12.3	1.586	2.569	2.5	21.0
12 7	3 50.48	+14 41.6	1.594	2.551	6.6	21.2
12 17	3 42.22	+14 19.2	1.628	2.534	10.9	21.5
12 27	3 36.25	+14 8.2	1.686	2.516	14.7	21.7

117974 1077 $T\text{-}_{1}$ 11 24.8 228°.06 5°.7/27.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 33.95	+37 3.5	2.212	2.960	14.8	20.0
10 28	4 28.79	+37 41.3	2.119	2.955	12.3	19.8
11 7	4 20.89	+38 5.8	2.048	2.949	9.6	19.6
11 17	4 10.87	+38 13.0	2.000	2.944	7.0	19.5
11 27	3 59.81	+38 0.6	1.981	2.938	5.7	19.4
12 7	3 49.01	+37 29.8	1.990	2.933	6.8	19.4
12 17	3 39.70	+36 44.8	2.026	2.927	9.4	19.6
12 27	3 32.85	+35 52.3	2.088	2.920	12.2	19.8

457333 2008 SW_{179} 11 24.8 145°.09 0°.5/24.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 27.24	+20 10.5	2.538	3.332	11.9	22.3
10 28	4 22.70	+19 54.9	2.453	3.334	9.2	22.1
11 7	4 16.35	+19 34.9	2.393	3.337	6.1	21.9
11 17	4 8.69	+19 11.7	2.360	3.340	2.7	21.7
11 27	4 0.47	+18 46.8	2.357	3.342	1.0	21.5
12 7	3 52.52	+18 22.6	2.384	3.344	4.4	21.8
12 17	3 45.59	+18 1.7	2.440	3.347	7.7	22.0
12 27	3 40.31	+17 46.4	2.523	3.349	10.5	22.2

515025 2009 SP_{307} 11 24.8 24°.17 0°.8/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 30.12	+18 54.8	1.081	1.926	21.1	20.8
10 28	4 27.04	+19 2.1	1.027	1.935	16.4	20.6
11 7	4 20.23	+19 5.3	0.991	1.946	10.9	20.3
11 17	4 10.64	+19 4.9	0.977	1.959	4.9	20.0
11 27	3 59.92	+19 2.7	0.986	1.972	1.7	19.9
12 7	3 49.99	+19 1.8	1.020	1.987	7.7	20.3
12 17	3 42.42	+19 5.7	1.077	2.002	13.1	20.6
12 27	3 38.28	+19 17.5	1.155	2.019	17.7	21.0

394690 2008 CC_{167} 11 24.8 287°.61 6°.7/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 28.97	+ 3 18.3	1.930	2.732	14.8	20.8
10 28	4 24.58	+ 2 39.6	1.848	2.723	12.1	20.6
11 7	4 17.89	+ 2 8.1	1.788	2.714	9.2	20.4
11 17	4 9.48	+ 1 48.5	1.753	2.704	7.1	20.3
11 27	4 0.25	+ 1 45.1	1.745	2.695	7.0	20.3
12 7	3 51.26	+ 2 0.1	1.765	2.686	9.2	20.4
12 17	3 43.51	+ 2 33.7	1.810	2.677	12.1	20.6
12 27	3 37.80	+ 3 24.4	1.878	2.668	15.0	20.7

189422 1997 OB_{2} 11 24.8 63°.83 6°.7/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 33.91	+41 36.8	2.185	2.915	15.4	19.5
10 28	4 28.64	+42 6.7	2.115	2.932	13.0	19.3
11 7	4 20.62	+42 19.3	2.065	2.949	10.4	19.2
11 17	4 10.66	+42 10.6	2.039	2.966	8.0	19.1
11 27	3 59.93	+41 39.5	2.039	2.983	6.7	19.0
12 7	3 49.80	+40 48.4	2.068	3.000	7.3	19.1
12 17	3 41.40	+39 42.7	2.123	3.017	9.3	19.3
12 27	3 35.56	+38 30.1	2.204	3.034	11.7	19.4

168334 1994 PQ_{1} 11 24.8 36°.63 8°.6/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 46.49	− 4 6.4	1.196	1.985	22.7	19.0
10 28	4 38.62	− 3 3.2	1.156	2.018	18.6	18.8
11 7	4 27.22	− 1 34.9	1.134	2.053	14.0	18.6
11 17	4 13.49	+ 0 19.6	1.136	2.088	10.0	18.5
11 27	3 59.18	+ 2 36.5	1.166	2.124	8.6	18.6
12 7	3 46.12	+ 5 7.4	1.224	2.161	10.7	18.8
12 17	3 35.71	+ 7 43.0	1.309	2.198	14.3	19.1
12 27	3 28.77	+10 15.9	1.418	2.236	17.7	19.4

251494 2008 EU_{49} 11 24.8 243°.82 4°.3/26.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 32.35	+33 20.6	2.186	2.950	14.5	21.4
10 28	4 27.44	+33 46.3	2.092	2.943	11.8	21.2
11 7	4 19.94	+34 0.2	2.019	2.936	8.8	21.0
11 17	4 10.45	+33 59.5	1.971	2.929	5.8	20.8
11 27	3 59.98	+33 42.8	1.952	2.922	4.3	20.7
12 7	3 49.76	+33 11.8	1.961	2.914	6.0	20.8
12 17	3 40.93	+32 30.4	1.999	2.907	9.0	20.9
12 27	3 34.42	+31 44.8	2.062	2.899	12.1	21.1

325968 2010 VO_{128} 11 24.8 282°.72 0°.4/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 32.24	+24 26.1	1.396	2.213	18.7	20.6
10 28	4 28.25	+23 58.6	1.317	2.209	14.7	20.3
11 7	4 20.89	+23 18.5	1.257	2.205	10.0	20.1
11 17	4 10.95	+22 26.1	1.221	2.201	4.6	19.7
11 27	3 59.84	+21 25.0	1.211	2.197	1.3	19.5
12 7	3 49.23	+20 21.2	1.228	2.194	6.9	19.9
12 17	3 40.62	+19 22.3	1.271	2.190	12.1	20.2
12 27	3 35.08	+18 35.0	1.336	2.186	16.6	20.4

746 Marlu 11 24.8 90°.85 6°.5/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 36.97	+41 35.3	2.509	3.224	14.0	15.3
10 28	4 30.75	+42 28.3	2.441	3.246	11.9	15.2
11 7	4 21.94	+43 6.5	2.394	3.267	9.6	15.1
11 17	4 11.25	+43 25.8	2.371	3.289	7.6	15.0
11 27	3 59.77	+43 24.0	2.376	3.310	6.5	15.0
12 7	3 48.74	+43 2.2	2.409	3.330	7.1	15.0
12 17	3 39.27	+42 24.6	2.471	3.351	8.8	15.2
12 27	3 32.19	+41 37.2	2.558	3.371	10.8	15.4

51715 2001 KB_{31} 11 24.8 182°.51 0°.4/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 33.01	+22 14.8	1.737	2.540	16.1	19.6
10 28	4 28.07	+21 43.0	1.655	2.541	12.6	19.4
11 7	4 20.36	+21 2.3	1.595	2.541	8.4	19.1
11 17	4 10.60	+20 13.7	1.561	2.541	3.8	18.8
11 27	3 59.96	+19 20.6	1.554	2.540	1.3	18.7
12 7	3 49.76	+18 27.9	1.577	2.539	6.1	19.0
12 17	3 41.20	+17 40.8	1.627	2.538	10.5	19.2
12 27	3 35.17	+17 4.0	1.702	2.536	14.4	19.5

468020 2013 CD_{189} 11 24.8 230°.99 7°.8/24.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 44.49	+ 0 35.8	1.359	2.151	20.4	21.2
10 28	4 37.87	+ 0 54.4	1.276	2.144	16.8	21.0
11 7	4 27.48	+ 1 31.6	1.212	2.136	12.7	20.7
11 17	4 14.02	+ 2 32.1	1.171	2.128	9.0	20.5
11 27	3 58.93	+ 3 57.8	1.158	2.120	8.0	20.4
12 7	3 44.09	+ 5 46.0	1.173	2.111	10.9	20.6
12 17	3 31.30	+ 7 50.4	1.215	2.102	15.3	20.8
12 27	3 21.89	+10 4.6	1.280	2.093	19.5	21.0

193381 2000 VK_{24} 11 24.8 356°.08 0°.5/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 27.93	+21 9.0	1.340	2.172	18.5	19.1
10 28	4 24.93	+20 55.3	1.267	2.168	14.5	18.8
11 7	4 18.70	+20 33.8	1.213	2.165	9.7	18.5
11 17	4 9.98	+20 5.6	1.182	2.164	4.3	18.2
11 27	4 0.13	+19 33.4	1.177	2.163	1.4	18.0
12 7	3 50.74	+19 2.0	1.197	2.163	7.0	18.4
12 17	3 43.25	+18 36.4	1.242	2.163	12.1	18.7
12 27	3 38.70	+18 20.9	1.308	2.165	16.5	18.9

436671 2011 SV_{71} 11 24.8 91°.94 1°.7/23.9 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 37.93	+15 7.9	2.564	3.337	12.3	23.4
10 28	4 30.40	+14 57.2	2.514	3.383	9.5	23.3
11 7	4 21.10	+14 45.5	2.488	3.426	6.3	23.1
11 17	4 10.68	+14 33.9	2.492	3.469	3.0	23.0
11 27	3 59.99	+14 24.0	2.529	3.510	2.0	23.0
12 7	3 49.88	+14 17.4	2.598	3.550	4.8	23.2
12 17	3 41.08	+14 15.7	2.698	3.588	7.7	23.5
12 27	3 34.12	+14 20.0	2.825	3.626	10.2	23.7

112566 2002 PE_{50} 11 24.8 38°.56 6°.4/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 31.40	+ 9 43.9	1.047	1.893	21.5	18.3
10 28	4 27.55	+ 8 56.5	1.010	1.916	16.9	18.1
11 7	4 20.22	+ 8 14.9	0.990	1.939	11.8	17.9
11 17	4 10.50	+ 7 45.4	0.992	1.964	7.5	17.8
11 27	4 0.06	+ 7 33.3	1.017	1.989	6.8	17.8
12 7	3 50.64	+ 7 41.3	1.067	2.016	10.3	18.1
12 17	3 43.59	+ 8 9.1	1.138	2.043	14.6	18.5
12 27	3 39.74	+ 8 54.2	1.230	2.070	18.4	18.8

723 Hammonia 11 24.8 5°.73 2°.6/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 27.20	+15 2.7	2.017	2.828	13.9	14.6
10 28	4 23.11	+14 31.3	1.938	2.828	10.8	14.4
11 7	4 16.84	+13 58.1	1.882	2.828	7.3	14.2
11 17	4 8.99	+13 25.5	1.852	2.829	3.8	14.0
11 27	4 0.44	+12 56.7	1.850	2.830	3.0	13.9
12 7	3 52.22	+12 34.9	1.877	2.831	6.2	14.1
12 17	3 45.23	+12 22.6	1.931	2.832	9.8	14.3
12 27	3 40.22	+12 21.4	2.010	2.833	13.0	14.5

485697 2011 YH_{16} 11 24.8 50°.58 0°.5/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 31.83	+21 26.1	1.789	2.593	15.7	21.0
10 28	4 27.10	+21 43.4	1.714	2.599	12.3	20.8
11 7	4 19.71	+21 56.0	1.661	2.606	8.2	20.6
11 17	4 10.33	+22 3.3	1.633	2.613	3.8	20.3
11 27	4 0.07	+22 5.6	1.634	2.620	1.1	20.1
12 7	3 50.20	+22 4.6	1.663	2.627	5.6	20.5
12 17	3 41.89	+22 3.1	1.720	2.635	9.8	20.7
12 27	3 36.00	+22 4.4	1.801	2.642	13.4	21.0

229212 2004 VJ_{59} 11 24.8 43°.59 1°.7/25.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 29.35	+26 35.8	1.875	2.672	15.3	19.9
10 28	4 25.01	+26 32.1	1.807	2.686	12.0	19.8
11 7	4 18.17	+26 18.5	1.760	2.701	8.2	19.6
11 17	4 9.58	+25 54.8	1.739	2.715	4.2	19.3
11 27	4 0.30	+25 22.3	1.746	2.730	1.8	19.2
12 7	3 51.54	+24 44.5	1.782	2.746	5.2	19.5
12 17	3 44.31	+24 5.8	1.845	2.762	9.1	19.7
12 27	3 39.38	+23 31.0	1.932	2.778	12.5	20.0

12844 1997 JE_{10} 11 24.8 270°.85 1°.3/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 29.91	+16 23.0	2.211	3.011	13.2	17.4
10 28	4 25.15	+16 29.5	2.121	3.005	10.3	17.2
11 7	4 18.21	+16 35.3	2.054	2.999	6.9	17.0
11 17	4 9.64	+16 41.0	2.014	2.993	3.2	16.7
11 27	4 0.27	+16 47.5	2.004	2.988	1.7	16.6
12 7	3 51.10	+16 56.3	2.023	2.982	5.2	16.8
12 17	3 43.06	+17 8.7	2.071	2.976	8.9	17.1
12 27	3 36.93	+17 26.2	2.144	2.970	12.1	17.2

265567 2005 QA_{51} 11 24.8 155°.01 2°.6/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 33.55	+15 22.7	1.858	2.661	15.3	21.4
10 28	4 28.15	+14 55.4	1.783	2.668	11.9	21.2
11 7	4 20.24	+14 25.9	1.730	2.674	8.0	21.0
11 17	4 10.52	+13 56.7	1.703	2.680	4.0	20.8
11 27	4 0.04	+13 30.8	1.705	2.685	3.0	20.7
12 7	3 49.98	+13 11.4	1.736	2.690	6.5	20.9
12 17	3 41.42	+13 1.3	1.795	2.694	10.4	21.2
12 27	3 35.16	+13 2.1	1.878	2.697	13.9	21.4

44808 1999 TM_{220} 11 24.8 155°.43 3°.2/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 36.66	+29 45.9	1.759	2.540	16.8	19.9
10 28	4 31.09	+29 54.9	1.680	2.547	13.5	19.7
11 7	4 22.47	+29 51.1	1.621	2.553	9.6	19.5
11 17	4 11.59	+29 32.4	1.588	2.558	5.4	19.3
11 27	3 59.73	+28 58.6	1.582	2.563	3.2	19.2
12 7	3 48.39	+28 13.3	1.606	2.567	6.1	19.4
12 17	3 38.89	+27 22.2	1.656	2.570	10.1	19.6
12 27	3 32.18	+26 32.4	1.732	2.573	13.9	19.8

74132 1998 QN_{71} 11 24.8 177°.93 0°.8/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 34.64	+25 6.6	1.951	2.738	15.2	20.2
10 28	4 29.09	+24 46.6	1.865	2.740	11.9	20.0
11 7	4 20.93	+24 16.8	1.802	2.742	8.1	19.7
11 17	4 10.85	+23 37.1	1.765	2.743	3.8	19.5
11 27	3 59.95	+22 49.4	1.757	2.743	1.2	19.3
12 7	3 49.47	+21 57.9	1.780	2.742	5.4	19.6
12 17	3 40.52	+21 7.7	1.830	2.741	9.5	19.8
12 27	3 33.97	+20 23.9	1.907	2.739	13.1	20.1

448929 2011 VC_{8} 11 24.8 0°.27 4°.7/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 28.06	+10 8.9	1.433	2.263	17.6	20.6
10 28	4 24.65	+ 9 54.3	1.362	2.260	13.9	20.3
11 7	4 18.32	+ 9 44.1	1.312	2.259	9.7	20.1
11 17	4 9.79	+ 9 41.9	1.285	2.259	5.8	19.9
11 27	4 0.25	+ 9 50.8	1.284	2.259	5.0	19.8
12 7	3 51.11	+10 13.0	1.309	2.261	8.4	20.0
12 17	3 43.65	+10 48.6	1.358	2.263	12.6	20.3
12 27	3 38.83	+11 36.9	1.430	2.267	16.5	20.5

108307 2001 JK_{1} 11 24.8 200°.52 0°.5/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 33.96	+20 56.7	1.935	2.730	15.0	21.3
10 28	4 28.61	+20 38.4	1.846	2.727	11.7	21.1
11 7	4 20.66	+20 13.7	1.779	2.723	7.9	20.9
11 17	4 10.77	+19 43.2	1.738	2.718	3.5	20.6
11 27	3 59.96	+19 9.1	1.727	2.712	1.2	20.4
12 7	3 49.48	+18 34.8	1.745	2.706	5.7	20.7
12 17	3 40.45	+18 4.4	1.791	2.699	9.9	21.0
12 27	3 33.74	+17 41.8	1.863	2.691	13.6	21.2

222035 1998 TM_{9} 11 24.8 68°.88 0°.2/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 35.96	+22 19.5	1.398	2.211	18.9	20.6
10 28	4 30.61	+22 13.5	1.346	2.236	14.6	20.4
11 7	4 22.07	+21 59.5	1.314	2.261	9.7	20.2
11 17	4 11.33	+21 37.8	1.306	2.286	4.3	20.0
11 27	3 59.85	+21 10.5	1.325	2.311	1.2	19.8
12 7	3 49.25	+20 41.9	1.371	2.336	6.4	20.2
12 17	3 40.81	+20 16.9	1.444	2.361	11.1	20.6
12 27	3 35.37	+19 59.6	1.540	2.385	15.1	20.9

272092 2005 GL_{29} 11 24.8 186°.56 1°.0/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 27.29	+25 37.5	3.368	4.138	9.7	22.1
10 28	4 22.38	+25 33.9	3.273	4.138	7.6	21.9
11 7	4 15.99	+25 24.6	3.202	4.136	5.2	21.7
11 17	4 8.54	+25 9.6	3.160	4.135	2.6	21.6
11 27	4 0.62	+24 49.4	3.149	4.133	1.1	21.4
12 7	3 52.89	+24 25.8	3.169	4.131	3.4	21.6
12 17	3 45.95	+24 0.7	3.220	4.128	6.0	21.8
12 27	3 40.32	+23 36.7	3.299	4.124	8.3	21.9

493965 2016 AY_{58} 11 24.8 42°.85 5°.2/22.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 27.16	+ 5 38.5	2.217	3.018	13.2	21.0
10 28	4 22.78	+ 5 6.9	2.145	3.022	10.5	20.8
11 7	4 16.47	+ 4 40.5	2.096	3.026	7.8	20.7
11 17	4 8.80	+ 4 22.9	2.073	3.031	5.6	20.5
11 27	4 0.55	+ 4 17.0	2.078	3.035	5.5	20.5
12 7	3 52.61	+ 4 24.7	2.112	3.040	7.5	20.7
12 17	3 45.77	+ 4 46.4	2.173	3.045	10.1	20.9
12 27	3 40.69	+ 5 21.3	2.257	3.050	12.7	21.0

363528 2003 UK_{235} 11 24.8 86°.87 3°.2/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 27.60	+13 45.4	2.363	3.164	12.4	21.1
10 28	4 22.88	+12 45.3	2.299	3.183	9.6	21.0
11 7	4 16.38	+11 43.8	2.260	3.202	6.6	20.8
11 17	4 8.70	+10 44.3	2.248	3.220	3.8	20.7
11 27	4 0.60	+ 9 50.8	2.266	3.238	3.5	20.7
12 7	3 52.92	+ 9 6.7	2.314	3.257	6.0	20.9
12 17	3 46.36	+ 8 34.5	2.390	3.274	8.8	21.1
12 27	3 41.49	+ 8 15.4	2.491	3.292	11.4	21.3

192087 2006 BM_{167} 11 24.8 94°.92 5°.7/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 26.95	+ 4 13.9	2.299	3.096	12.9	20.4
10 28	4 22.51	+ 3 27.0	2.230	3.103	10.4	20.3
11 7	4 16.24	+ 2 45.7	2.184	3.109	7.8	20.1
11 17	4 8.68	+ 2 13.9	2.165	3.115	6.0	20.0
11 27	4 0.60	+ 1 55.1	2.173	3.121	6.0	20.0
12 7	3 52.84	+ 1 51.6	2.210	3.127	7.8	20.2
12 17	3 46.14	+ 2 3.9	2.274	3.134	10.3	20.3
12 27	3 41.12	+ 2 31.2	2.361	3.140	12.7	20.5

209772 2005 EN_{292} 11 24.8 188°.98 0°.8/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 34.06	+22 23.5	2.339	3.120	13.1	20.9
10 28	4 28.32	+22 45.8	2.247	3.119	10.3	20.7
11 7	4 20.31	+23 4.1	2.179	3.118	7.0	20.5
11 17	4 10.59	+23 17.2	2.138	3.116	3.3	20.2
11 27	4 0.04	+23 24.9	2.128	3.113	1.1	20.1
12 7	3 49.69	+23 28.1	2.149	3.111	4.7	20.3
12 17	3 40.54	+23 28.8	2.199	3.107	8.3	20.5
12 27	3 33.37	+23 30.1	2.276	3.103	11.5	20.7

418527 2008 SW_{71} 11 24.8 282°.77 9°.0/27.9 16

10 18	4 40.25	+46 3.2	2.505	3.193	14.6	21.3
10 28	4 34.34	+47 40.8	2.406	3.180	12.9	21.2
11 7	4 25.12	+49 5.6	2.328	3.167	11.2	21.0
11 17	4 13.05	+50 10.3	2.274	3.154	9.7	20.9
11 27	3 59.26	+50 49.2	2.246	3.141	9.0	20.8
12 7	3 45.29	+51 0.2	2.245	3.128	9.5	20.9
12 17	3 32.77	+50 45.7	2.270	3.115	10.9	20.9
12 27	3 23.06	+50 12.1	2.319	3.102	12.7	21.0

188132 2002 CG_{158} 11 24.8 13°.75 0°.0/24.7 18

10 18	4 29.31	+21 8.6	1.951	2.755	14.6	20.6
10 28	4 24.96	+21 7.6	1.870	2.755	11.4	20.4
11 7	4 18.20	+21 1.5	1.811	2.756	7.6	20.1
11 17	4 9.66	+20 50.5	1.778	2.758	3.4	19.9
11 27	4 0.31	+20 35.9	1.773	2.759	1.0	19.7
12 7	3 51.29	+20 20.3	1.797	2.761	5.3	20.0
12 17	3 43.63	+20 6.6	1.849	2.763	9.3	20.3
12 27	3 38.14	+19 58.0	1.926	2.765	12.8	20.5

370897 2005 ET_{309} 11 24.8 55°.01 3°.4/23.6 18

10 18	4 32.83	+16 11.1	1.199	2.033	20.1	20.6
10 28	4 28.54	+15 27.0	1.149	2.051	15.6	20.4
11 7	4 20.88	+14 39.5	1.118	2.070	10.4	20.2
11 17	4 10.86	+13 52.8	1.110	2.088	5.2	20.0
11 27	4 0.04	+13 12.5	1.127	2.108	3.9	19.9
12 7	3 50.09	+12 43.8	1.169	2.127	8.4	20.3
12 17	3 42.38	+12 30.2	1.236	2.147	13.1	20.6
12 27	3 37.77	+12 33.0	1.324	2.167	17.2	20.9

223524 2004 DF_{24} 11 24.8 201°.03 0°.1/24.7 18

10 18	4 33.24	+22 53.2	1.817	2.616	15.7	20.4
10 28	4 28.22	+22 25.4	1.731	2.613	12.3	20.2
11 7	4 20.48	+21 48.5	1.666	2.610	8.3	20.0
11 17	4 10.72	+21 3.3	1.626	2.606	3.7	19.7
11 27	4 0.04	+20 12.6	1.616	2.602	1.1	19.5
12 7	3 49.74	+19 20.7	1.635	2.597	5.8	19.8
12 17	3 41.01	+18 33.1	1.681	2.592	10.2	20.1
12 27	3 34.73	+17 54.4	1.752	2.586	14.1	20.3

246136 2007 NM_{6} 11 24.8 111°.97 0°.7/24.6 18

10 18	4 36.30	+17 10.6	1.851	2.648	15.5	20.4
10 28	4 30.39	+17 37.9	1.778	2.659	12.1	20.2
11 7	4 21.82	+18 4.7	1.727	2.671	8.1	20.0
11 17	4 11.28	+18 30.4	1.702	2.682	3.6	19.7
11 27	3 59.88	+18 54.7	1.707	2.693	1.3	19.6
12 7	3 48.89	+19 18.3	1.742	2.703	5.7	19.9
12 17	3 39.46	+19 42.3	1.805	2.713	9.8	20.2
12 27	3 32.46	+20 8.6	1.893	2.723	13.3	20.4

390658 2002 QY_{126} 11 24.8 106°.92 6°.7/22.1 18

10 18	4 30.47	+ 3 27.4	1.948	2.746	14.8	21.3
10 28	4 25.49	+ 2 38.6	1.886	2.758	12.0	21.1
11 7	4 18.33	+ 1 57.1	1.846	2.770	9.1	21.0
11 17	4 9.65	+ 1 27.5	1.831	2.781	7.0	20.9
11 27	4 0.38	+ 1 14.1	1.845	2.792	7.0	20.9
12 7	3 51.55	+ 1 18.9	1.885	2.803	9.0	21.0
12 17	3 44.06	+ 1 42.0	1.952	2.813	11.7	21.2
12 27	3 38.60	+ 2 21.5	2.042	2.824	14.3	21.4

109185 2001 QA_{70} 11 24.8 111°.20 3°.8/23.1 17

10 18	4 33.67	+13 20.4	1.805	2.609	15.6	19.8
10 28	4 28.07	+12 27.3	1.744	2.629	12.1	19.6
11 7	4 20.06	+11 33.4	1.706	2.649	8.2	19.4
11 17	4 10.40	+10 42.3	1.695	2.668	4.7	19.3
11 27	4 0.18	+ 9 58.7	1.712	2.686	4.2	19.3
12 7	3 50.55	+ 9 26.6	1.758	2.704	7.3	19.5
12 17	3 42.51	+ 9 8.3	1.832	2.721	10.8	19.8
12 27	3 36.76	+ 9 4.9	1.929	2.737	14.0	20.0

97891 2000 QY_{60} 11 24.8 29°.61 3°.2/23.8 18

10 18	4 31.57	+15 39.8	1.194	2.031	20.0	19.1
10 28	4 27.89	+15 12.2	1.131	2.035	15.6	18.9
11 7	4 20.72	+14 42.2	1.088	2.040	10.5	18.6
11 17	4 10.92	+14 12.9	1.066	2.045	5.3	18.3
11 27	4 0.01	+13 49.0	1.069	2.051	3.8	18.3
12 7	3 49.73	+13 34.9	1.098	2.058	8.5	18.6
12 17	3 41.60	+13 33.9	1.150	2.064	13.6	18.9
12 27	3 36.68	+13 47.5	1.223	2.072	18.0	19.2

132858 2002 RC_{69} 11 24.8 0°.35 2°.3/23.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 25.67	+16 13.6	1.952	2.768	14.2	19.4
10 28	4 22.04	+15 40.6	1.874	2.766	11.0	19.2
11 7	4 16.21	+15 4.6	1.818	2.766	7.4	18.9
11 17	4 8.77	+14 28.2	1.787	2.766	3.7	18.7
11 27	4 0.62	+13 54.8	1.785	2.766	2.7	18.7
12 7	3 52.80	+13 27.7	1.811	2.767	6.1	18.9
12 17	3 46.22	+13 9.9	1.864	2.768	9.8	19.1
12 27	3 41.65	+13 3.3	1.941	2.770	13.1	19.3

248244 2005 FO_{2} 11 24.8 143°.19 3°.0/26.2 18

10 18	4 34.08	+29 31.9	2.204	2.975	14.2	21.0
10 28	4 28.52	+29 53.6	2.123	2.983	11.3	20.8
11 7	4 20.50	+30 5.8	2.064	2.991	8.1	20.6
11 17	4 10.69	+30 6.3	2.031	2.998	4.7	20.4
11 27	4 0.08	+29 54.7	2.027	3.005	3.0	20.3
12 7	3 49.84	+29 32.7	2.053	3.012	5.2	20.5
12 17	3 41.00	+29 4.1	2.108	3.018	8.5	20.7
12 27	3 34.39	+28 33.7	2.189	3.024	11.6	20.9

187599 2006 XZ_{9} 11 24.8 218°.09 0°.3/24.6 18

10 18	4 29.78	+20 23.4	2.111	2.910	13.8	20.8
10 28	4 25.16	+20 17.8	2.025	2.909	10.8	20.6
11 7	4 18.27	+20 7.6	1.962	2.907	7.2	20.4
11 17	4 9.70	+19 53.4	1.926	2.905	3.2	20.2
11 27	4 0.36	+19 36.6	1.918	2.904	1.0	20.0
12 7	3 51.30	+19 19.6	1.940	2.902	5.1	20.3
12 17	3 43.49	+19 5.1	1.990	2.900	8.9	20.5
12 27	3 37.70	+18 56.1	2.065	2.898	12.3	20.7

80280 1999 XX_{33} 11 24.8 317°.32 2°.1/24.1 18

10 18	4 28.56	+17 24.0	1.276	2.113	19.0	18.6
10 28	4 25.84	+17 9.5	1.188	2.093	15.0	18.3
11 7	4 19.67	+16 50.8	1.120	2.073	10.2	18.0
11 17	4 10.64	+16 29.8	1.073	2.054	4.8	17.6
11 27	4 0.04	+16 9.9	1.052	2.036	2.8	17.4
12 7	3 49.60	+15 55.4	1.055	2.018	8.1	17.7
12 17	3 40.98	+15 50.4	1.082	2.001	13.7	18.0
12 27	3 35.52	+15 58.2	1.130	1.986	18.6	18.2

395189 2010 FQ_{101} 11 24.8 200°.10 2°.6/25.8 18

10 18	4 35.42	+27 46.4	2.333	3.101	13.5	22.0
10 28	4 29.56	+28 16.1	2.237	3.097	10.8	21.8
11 7	4 21.25	+28 38.4	2.164	3.093	7.6	21.6
11 17	4 11.07	+28 51.2	2.118	3.088	4.3	21.4
11 27	3 59.96	+28 53.4	2.102	3.082	2.6	21.2
12 7	3 49.03	+28 45.8	2.117	3.076	5.1	21.4
12 17	3 39.35	+28 31.3	2.161	3.069	8.5	21.6
12 27	3 31.80	+28 14.1	2.232	3.061	11.6	21.8

101282 1998 SC_{118} 11 24.8 48°.72 0°.1/24.8 18

10 18	4 33.35	+22 31.8	1.217	2.044	20.3	19.5
10 28	4 29.04	+22 16.6	1.167	2.065	15.7	19.3
11 7	4 21.26	+21 51.9	1.136	2.087	10.4	19.0
11 17	4 11.06	+21 18.9	1.128	2.109	4.7	18.8
11 27	4 0.04	+20 40.7	1.145	2.132	1.3	18.6
12 7	3 49.95	+20 2.8	1.189	2.155	7.0	19.1
12 17	3 42.19	+19 30.9	1.257	2.178	12.0	19.4
12 27	3 37.62	+19 9.5	1.347	2.201	16.2	19.7

82494 2001 OP_{39} 11 24.8 144°.89 1°.1/24.4 18

10 18	4 35.25	+18 12.9	1.994	2.787	14.7	19.7
10 28	4 29.34	+18 5.6	1.919	2.799	11.4	19.6
11 7	4 20.99	+17 55.2	1.866	2.810	7.6	19.3
11 17	4 10.89	+17 42.2	1.841	2.820	3.4	19.1
11 27	4 0.07	+17 28.5	1.845	2.829	1.6	19.0
12 7	3 49.68	+17 16.4	1.879	2.838	5.6	19.3
12 17	3 40.75	+17 8.5	1.942	2.846	9.5	19.5
12 27	3 34.06	+17 7.2	2.030	2.853	12.8	19.8

277305 2005 SJ_{152} 11 24.8 37°.82 2°.8/23.9 18

10 18	4 31.13	+16 17.5	1.171	2.010	20.2	20.4
10 28	4 27.36	+15 53.9	1.121	2.026	15.6	20.1
11 7	4 20.19	+15 27.8	1.091	2.044	10.4	19.9
11 17	4 10.61	+15 2.3	1.082	2.062	5.0	19.7
11 27	4 0.17	+14 41.5	1.099	2.082	3.3	19.6
12 7	3 50.57	+14 29.4	1.141	2.102	8.0	20.0
12 17	3 43.19	+14 28.9	1.206	2.122	12.9	20.3
12 27	3 38.93	+14 41.3	1.293	2.144	17.0	20.6

411497 2011 AG_{70} 11 24.8 212°.65 4°.3/27.1 17

10 18	4 31.24	+34 14.8	2.363	3.120	13.7	21.2
10 28	4 26.38	+34 38.0	2.273	3.119	11.2	21.0
11 7	4 19.13	+34 49.4	2.204	3.118	8.4	20.9
11 17	4 10.12	+34 46.6	2.162	3.117	5.7	20.7
11 27	4 0.27	+34 28.5	2.147	3.115	4.3	20.6
12 7	3 50.72	+33 56.8	2.162	3.114	5.6	20.7
12 17	3 42.47	+33 15.4	2.205	3.112	8.4	20.9
12 27	3 36.34	+32 29.7	2.274	3.110	11.2	21.0

319885 2006 WH_{129} 11 24.8 316°.44 0°.4/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 29.45	+22 55.4	1.309	2.137	19.1	21.4
10 28	4 26.51	+22 46.5	1.224	2.123	15.1	21.1
11 7	4 20.07	+22 27.6	1.157	2.108	10.3	20.8
11 17	4 10.80	+21 58.7	1.113	2.094	4.7	20.4
11 27	4 0.05	+21 21.8	1.094	2.081	1.3	20.2
12 7	3 49.58	+20 41.7	1.101	2.068	7.2	20.5
12 17	3 41.05	+20 4.8	1.132	2.055	12.8	20.8
12 27	3 35.70	+19 37.2	1.184	2.044	17.7	21.0

482974 2014 LL 11 24.8 224°.74 5°.9/21.8 18

10 18	4 28.88	+ 6 44.1	2.024	2.828	14.1	21.5
10 28	4 24.39	+ 5 42.1	1.943	2.822	11.3	21.3
11 7	4 17.73	+ 4 43.1	1.885	2.817	8.4	21.1
11 17	4 9.46	+ 3 51.8	1.854	2.811	6.2	21.0
11 27	4 0.47	+ 3 13.2	1.850	2.805	6.3	21.0
12 7	3 51.76	+ 2 51.2	1.874	2.798	8.6	21.1
12 17	3 44.26	+ 2 47.3	1.925	2.792	11.5	21.3
12 27	3 38.71	+ 3 1.6	1.999	2.785	14.4	21.4

89951 2002 GU_{154} 11 24.8 53°.31 5°.6/22.3 18

10 18	4 27.46	+ 6 27.6	2.013	2.820	14.1	19.0
10 28	4 23.19	+ 5 40.2	1.946	2.827	11.2	18.8
11 7	4 16.84	+ 4 57.4	1.902	2.834	8.3	18.6
11 17	4 9.02	+ 4 23.3	1.883	2.842	6.0	18.5
11 27	4 0.62	+ 4 2.1	1.892	2.850	5.9	18.5
12 7	3 52.58	+ 3 56.4	1.929	2.857	8.1	18.7
12 17	3 45.78	+ 4 6.8	1.992	2.865	10.9	18.9
12 27	3 40.88	+ 4 32.7	2.079	2.873	13.6	19.1

356664 2011 UA_{77} 11 24.8 323°.17 1°.8/25.6 18

10 18	4 30.68	+26 41.7	1.844	2.640	15.6	20.7
10 28	4 26.33	+26 40.4	1.759	2.638	12.4	20.5
11 7	4 19.29	+26 29.0	1.696	2.636	8.5	20.2
11 17	4 10.23	+26 6.6	1.658	2.634	4.4	20.0
11 27	4 0.26	+25 34.1	1.648	2.633	1.9	19.8
12 7	3 50.65	+24 54.8	1.667	2.631	5.5	20.1
12 17	3 42.57	+24 13.6	1.713	2.630	9.7	20.3
12 27	3 36.92	+23 35.7	1.783	2.628	13.3	20.5

113194 2002 RY_{107} 11 24.8 84°.56 1°.3/25.2 18

10 18	4 34.10	+23 8.6	1.899	2.692	15.3	19.4
10 28	4 28.71	+23 35.0	1.828	2.706	12.0	19.2
11 7	4 20.71	+23 56.0	1.779	2.720	8.1	19.0
11 17	4 10.82	+24 10.0	1.757	2.734	3.9	18.8
11 27	4 0.11	+24 16.8	1.763	2.748	1.5	18.6
12 7	3 49.84	+24 17.8	1.798	2.761	5.3	18.9
12 17	3 41.13	+24 15.8	1.862	2.775	9.3	19.2
12 27	3 34.80	+24 14.2	1.950	2.788	12.7	19.4

347026 2010 EN_{43} 11 24.8 148°.71 0°.4/24.6 18

10 18	4 33.51	+20 19.0	2.177	2.966	13.7	21.6
10 28	4 27.86	+20 13.5	2.098	2.976	10.7	21.5
11 7	4 19.95	+20 3.5	2.043	2.985	7.1	21.2
11 17	4 10.43	+19 49.3	2.014	2.994	3.2	21.0
11 27	4 0.23	+19 32.5	2.016	3.002	1.0	20.9
12 7	3 50.41	+19 15.3	2.048	3.009	5.0	21.2
12 17	3 41.90	+19 0.5	2.109	3.016	8.7	21.4
12 27	3 35.46	+18 50.9	2.196	3.021	11.9	21.6

214406 2005 NH_{85} 11 24.8 35°.87 3°.2/23.6 18

10 18	4 29.32	+13 13.3	1.830	2.643	15.1	20.5
10 28	4 24.97	+12 51.0	1.756	2.646	11.8	20.3
11 7	4 18.22	+12 29.1	1.704	2.649	8.0	20.0
11 17	4 9.71	+12 9.9	1.677	2.653	4.4	19.8
11 27	4 0.44	+11 56.6	1.679	2.657	3.5	19.8
12 7	3 51.54	+11 51.6	1.708	2.661	6.8	20.0
12 17	3 44.02	+11 56.9	1.765	2.665	10.5	20.2
12 27	3 38.70	+12 13.2	1.845	2.669	13.9	20.5

492768 2014 QL_{179} 11 24.8 154°.12 5°.1/22.2 18

10 18	4 27.73	+ 5 13.7	2.483	3.275	12.2	22.0
10 28	4 23.02	+ 4 34.0	2.408	3.280	9.7	21.8
11 7	4 16.57	+ 3 58.7	2.357	3.284	7.3	21.7
11 17	4 8.89	+ 3 31.5	2.334	3.288	5.4	21.6
11 27	4 0.69	+ 3 15.3	2.339	3.291	5.3	21.6
12 7	3 52.76	+ 3 12.3	2.373	3.295	7.1	21.7
12 17	3 45.83	+ 3 23.1	2.435	3.298	9.6	21.9
12 27	3 40.49	+ 3 47.3	2.521	3.301	11.9	22.0

218166 2002 RG_{264} 11 24.8 107°.34 0°.8/25.1 17

10 18	4 36.75	+24 24.2	1.682	2.477	16.9	21.3
10 28	4 30.88	+24 11.6	1.618	2.497	13.2	21.1
11 7	4 22.15	+23 49.5	1.575	2.517	8.9	20.9
11 17	4 11.43	+23 17.9	1.558	2.537	4.1	20.7
11 27	3 59.99	+22 39.0	1.570	2.556	1.2	20.5
12 7	3 49.26	+21 57.0	1.610	2.574	5.8	20.8
12 17	3 40.40	+21 17.0	1.678	2.591	10.1	21.1
12 27	3 34.23	+20 44.0	1.771	2.608	13.8	21.4

377574 2005 LU_{27} 11 24.8 282°.67 3°.9/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 30.83	+14 49.3	1.436	2.261	17.8	21.2
10 28	4 26.99	+14 2.2	1.354	2.252	14.0	20.9
11 7	4 20.05	+13 11.3	1.293	2.242	9.6	20.6
11 17	4 10.70	+12 20.7	1.256	2.233	5.2	20.4
11 27	4 0.18	+11 35.7	1.245	2.223	4.4	20.3
12 7	3 50.00	+11 2.1	1.261	2.214	8.5	20.5
12 17	3 41.56	+10 44.0	1.301	2.205	13.2	20.8
12 27	3 35.92	+10 43.6	1.363	2.196	17.4	21.0

473500 2015 XA_{129} 11 24.8 321°.25 2°.0/23.6 16

10 18	4 26.03	+21 4.2	1.738	2.556	15.5	20.5
10 28	4 23.12	+19 54.3	1.619	2.514	12.3	20.2
11 7	4 17.48	+18 30.1	1.522	2.472	8.3	19.9
11 17	4 9.61	+16 53.9	1.450	2.430	3.9	19.5
11 27	4 0.46	+15 11.2	1.406	2.389	2.7	19.3
12 7	3 51.30	+13 30.0	1.391	2.349	7.3	19.5
12 17	3 43.42	+11 58.8	1.402	2.308	12.2	19.7
12 27	3 37.90	+10 44.8	1.436	2.269	16.6	19.9

356607 2011 TM_{16} 11 24.8 257°.85 1°.6/25.6 18

10 18	4 30.77	+26 23.0	2.026	2.816	14.6	21.1
10 28	4 26.24	+26 19.6	1.932	2.807	11.6	20.9
11 7	4 19.19	+26 6.9	1.859	2.798	8.0	20.6
11 17	4 10.22	+25 44.0	1.813	2.788	4.1	20.4
11 27	4 0.32	+25 11.9	1.794	2.779	1.7	20.2
12 7	3 50.69	+24 33.3	1.806	2.769	5.2	20.4
12 17	3 42.40	+23 52.8	1.845	2.760	9.2	20.6
12 27	3 36.37	+23 15.2	1.909	2.750	12.8	20.9

361653 2007 TX_{330} 11 24.8 339°.02 0°.6/24.5 17

10 18	4 22.08	+23 12.4	1.222	2.067	19.1	20.6
10 28	4 20.92	+22 31.1	1.136	2.045	15.1	20.3
11 7	4 16.42	+21 34.9	1.069	2.024	10.2	19.9
11 17	4 9.20	+20 25.5	1.023	2.005	4.6	19.6
11 27	4 0.59	+19 8.3	1.002	1.988	1.6	19.3
12 7	3 52.26	+17 51.4	1.005	1.972	7.7	19.6
12 17	3 45.80	+16 43.8	1.031	1.958	13.4	19.9
12 27	3 42.43	+15 52.9	1.078	1.946	18.4	20.2

447142 2005 EQ_{203} 11 24.8 218°.99 7°.1/28.4 15

10 18	4 37.10	+41 13.4	2.162	2.889	15.7	22.0
10 28	4 31.58	+41 54.9	2.068	2.883	13.4	21.9
11 7	4 22.98	+42 20.3	1.994	2.877	10.8	21.7
11 17	4 11.99	+42 24.3	1.943	2.870	8.4	21.5
11 27	3 59.82	+42 4.0	1.919	2.862	7.1	21.4
12 7	3 47.96	+41 20.2	1.923	2.854	7.9	21.5
12 17	3 37.81	+40 18.1	1.955	2.846	10.1	21.6
12 27	3 30.42	+39 5.8	2.011	2.837	12.8	21.7

143267 2003 AJ_{11} 11 24.8 355°.00 10°.2/21.2 18

10 18	4 22.81	+ 2 3.7	1.246	2.087	19.1	17.7
10 28	4 20.90	+ 0 46.4	1.184	2.079	15.8	17.5
11 7	4 16.01	− 0 20.6	1.141	2.072	12.6	17.3
11 17	4 8.88	− 1 8.2	1.118	2.068	10.4	17.2
11 27	4 0.73	− 1 28.2	1.119	2.065	10.6	17.2
12 7	3 53.00	− 1 16.5	1.142	2.063	13.1	17.3
12 17	3 46.98	− 0 33.7	1.186	2.064	16.4	17.5
12 27	3 43.65	+ 0 35.8	1.249	2.066	19.7	17.7

513462 2009 BR_{34} 11 24.8 239°.96 6°.3/27.9 18

10 18	4 35.41	+38 36.0	2.080	2.824	15.7	21.5
10 28	4 30.27	+39 9.7	1.983	2.814	13.2	21.3
11 7	4 22.12	+39 28.1	1.907	2.805	10.4	21.1
11 17	4 11.62	+39 26.5	1.855	2.795	7.7	20.9
11 27	3 59.94	+39 2.3	1.830	2.785	6.3	20.8
12 7	3 48.55	+38 16.9	1.833	2.774	7.4	20.9
12 17	3 38.80	+37 15.6	1.863	2.764	10.0	21.0
12 27	3 31.74	+36 6.1	1.918	2.753	13.0	21.2

285214 1997 EV_3 11 24.8 135°.18 5°.0/27.4 18

10 18	4 37.53	+36 21.7	2.389	3.127	14.1	21.0
10 28	4 31.17	+36 56.0	2.311	3.141	11.6	20.8
11 7	4 22.27	+37 17.4	2.255	3.156	8.9	20.7
11 17	4 11.53	+37 22.5	2.224	3.169	6.3	20.5
11 27	4 0.00	+37 9.8	2.223	3.182	5.0	20.5
12 7	3 48.91	+36 40.9	2.251	3.195	6.1	20.6
12 17	3 39.33	+36 0.1	2.309	3.206	8.5	20.7
12 27	3 32.08	+35 13.3	2.392	3.217	11.1	20.9

8314 Tsuji 11 24.8 223°.94 0°.6/24.5 18

10 18	4 27.38	+19 53.8	2.720	3.510	11.3	18.6
10 28	4 22.83	+19 38.7	2.625	3.504	8.8	18.4
11 7	4 16.52	+19 19.6	2.554	3.497	5.8	18.2
11 17	4 8.93	+18 57.3	2.511	3.490	2.6	18.0
11 27	4 0.74	+18 33.5	2.498	3.483	1.0	17.9
12 7	3 52.75	+18 10.3	2.516	3.476	4.3	18.1
12 17	3 45.68	+17 50.1	2.563	3.468	7.4	18.3
12 27	3 40.14	+17 35.1	2.637	3.460	10.2	18.5

337960 2002 AA_{113} 11 24.8 298°.69 3°.2/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 30.50	+13 55.7	1.568	2.388	16.8	20.8
10 28	4 26.64	+13 39.6	1.477	2.372	13.3	20.5
11 7	4 19.82	+13 23.2	1.407	2.355	9.1	20.2
11 17	4 10.65	+13 9.0	1.361	2.339	4.8	19.9
11 27	4 0.23	+13 0.3	1.342	2.322	3.6	19.8
12 7	3 49.97	+13 0.1	1.350	2.306	7.7	20.0
12 17	3 41.23	+13 10.7	1.383	2.291	12.3	20.2
12 27	3 35.11	+13 33.5	1.439	2.275	16.5	20.5

130290 2000 EO_{39} 11 24.8 259°.47 2°.7/26.2 18

10 18	4 30.11	+29 27.5	2.562	3.331	12.4	20.2
10 28	4 25.34	+29 47.2	2.459	3.318	10.0	20.0
11 7	4 18.42	+29 58.7	2.379	3.305	7.2	19.8
11 17	4 9.86	+30 0.5	2.325	3.292	4.3	19.6
11 27	4 0.47	+29 51.9	2.301	3.279	2.7	19.5
12 7	3 51.22	+29 34.1	2.307	3.265	4.7	19.6
12 17	3 43.02	+29 10.0	2.342	3.252	7.8	19.8
12 27	3 36.66	+28 43.4	2.403	3.238	10.7	19.9

66132 1998 SP_{126} 11 24.8 4°.11 5°.4/22.3 18

10 18	4 26.25	+ 7 34.4	1.977	2.788	14.1	18.7
10 28	4 22.40	+ 6 44.9	1.903	2.788	11.3	18.5
11 7	4 16.43	+ 5 58.8	1.853	2.789	8.2	18.3
11 17	4 8.92	+ 5 20.4	1.827	2.789	5.8	18.2
11 27	4 0.76	+ 4 54.0	1.830	2.790	5.7	18.2
12 7	3 52.91	+ 4 42.7	1.860	2.791	8.0	18.3
12 17	3 46.27	+ 4 47.7	1.915	2.793	11.0	18.5
12 27	3 41.55	+ 5 8.7	1.994	2.795	13.9	18.7

448769 2011 SH_{53} 11 24.8 93°.69 6°.8/27.5 18

10 18	4 38.43	+37 16.3	1.897	2.647	16.8	21.3
10 28	4 32.73	+38 21.5	1.824	2.659	14.0	21.1
11 7	4 23.79	+39 12.3	1.772	2.671	11.0	21.0
11 17	4 12.36	+39 43.0	1.744	2.683	8.2	20.8
11 27	3 59.79	+39 50.0	1.743	2.695	6.8	20.8
12 7	3 47.66	+39 34.1	1.769	2.707	7.9	20.9
12 17	3 37.45	+39 0.4	1.822	2.718	10.5	21.0
12 27	3 30.19	+38 16.7	1.900	2.730	13.3	21.2

51465 2001 FZ_{47} 11 24.8 231°.67 1°.9/25.4 18

10 18	4 35.17	+25 1.6	1.667	2.465	16.9	19.8
10 28	4 30.27	+25 19.0	1.578	2.458	13.5	19.5
11 7	4 22.24	+25 28.5	1.510	2.451	9.3	19.3
11 17	4 11.73	+25 28.0	1.467	2.444	4.7	19.0
11 27	3 59.96	+25 17.2	1.451	2.436	2.0	18.8
12 7	3 48.47	+24 58.2	1.464	2.428	6.2	19.0
12 17	3 38.68	+24 35.3	1.503	2.419	10.8	19.3
12 27	3 31.70	+24 14.2	1.567	2.411	14.9	19.5

457447 2008 UV_{129} 11 24.8 346°.13 0°.8/25.2 17

10 18	4 27.42	+23 48.5	2.189	2.986	13.4	21.8
10 28	4 23.35	+23 45.3	2.102	2.983	10.5	21.6
11 7	4 17.11	+23 35.5	2.038	2.980	7.1	21.3
11 17	4 9.27	+23 18.9	1.999	2.978	3.4	21.1
11 27	4 0.68	+22 56.8	1.990	2.975	1.1	20.9
12 7	3 52.36	+22 31.6	2.009	2.973	4.7	21.2
12 17	3 45.23	+22 6.5	2.057	2.972	8.4	21.4
12 27	3 40.04	+21 45.0	2.131	2.970	11.7	21.6

485370 2011 EK_{10} 11 24.8 182°.98 4°.3/22.2 17

10 18	4 26.21	+ 6 47.4	2.824	3.615	10.9	21.9
10 28	4 21.70	+ 6 6.8	2.743	3.615	8.7	21.8
11 7	4 15.65	+ 5 29.1	2.686	3.615	6.3	21.6
11 17	4 8.52	+ 4 57.2	2.657	3.615	4.6	21.5
11 27	4 0.91	+ 4 34.0	2.658	3.614	4.5	21.5
12 7	3 53.51	+ 4 21.6	2.689	3.613	6.3	21.6
12 17	3 46.96	+ 4 21.1	2.747	3.612	8.5	21.8
12 27	3 41.79	+ 4 32.6	2.831	3.610	10.8	21.9

457308 2008 SK_{36} 11 24.8 33°.48 3°.7/26.4 17

10 18	4 31.26	+30 28.0	2.162	2.937	14.3	21.5
10 28	4 26.53	+31 7.6	2.082	2.943	11.5	21.3
11 7	4 19.34	+31 38.1	2.024	2.949	8.4	21.2
11 17	4 10.30	+31 56.6	1.991	2.955	5.2	21.0
11 27	4 0.39	+32 1.9	1.987	2.961	3.7	20.9
12 7	3 50.79	+31 54.9	2.012	2.968	5.6	21.0
12 17	3 42.55	+31 39.0	2.065	2.975	8.7	21.2
12 27	3 36.51	+31 18.6	2.143	2.982	11.6	21.4

293765 2007 RT_{95} 11 24.8 77°.90 2°.3/23.9 18

10 18	4 30.49	+16 19.6	1.760	2.572	15.6	21.1
10 28	4 26.01	+15 52.8	1.686	2.577	12.1	20.9
11 7	4 18.99	+15 23.1	1.634	2.582	8.1	20.7
11 17	4 10.12	+14 53.0	1.608	2.587	4.0	20.5
11 27	4 0.47	+14 25.6	1.610	2.592	2.7	20.4
12 7	3 51.23	+14 4.4	1.640	2.597	6.5	20.6
12 17	3 43.49	+13 52.3	1.697	2.602	10.5	20.9
12 27	3 38.07	+13 51.2	1.777	2.607	14.1	21.1

255887 2006 SS_{269} 11 24.8 176°.83 1°.5/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 29.69	+17 50.8	2.293	3.089	12.9	21.6
10 28	4 24.84	+17 21.3	2.208	3.091	10.0	21.4
11 7	4 17.95	+16 47.9	2.147	3.092	6.7	21.2
11 17	4 9.60	+16 12.6	2.114	3.092	3.1	21.0
11 27	4 0.62	+15 37.7	2.110	3.093	1.9	20.9
12 7	3 51.93	+15 6.5	2.136	3.093	5.3	21.1
12 17	3 44.40	+14 41.7	2.191	3.092	8.7	21.3
12 27	3 38.69	+14 25.7	2.272	3.092	11.8	21.5

209203 2003 UO_{281} 11 24.8 350°.35 4°.9/22.9 18

10 18	4 28.02	+11 3.7	1.528	2.354	16.9	20.4
10 28	4 24.49	+10 21.4	1.454	2.350	13.3	20.1
11 7	4 18.20	+ 9 40.4	1.401	2.347	9.4	19.9
11 17	4 9.84	+ 9 5.0	1.373	2.345	5.8	19.7
11 27	4 0.54	+ 8 40.2	1.370	2.343	5.3	19.7
12 7	3 51.62	+ 8 29.9	1.394	2.341	8.6	19.9
12 17	3 44.27	+ 8 36.2	1.442	2.340	12.6	20.1
12 27	3 39.42	+ 8 59.1	1.513	2.340	16.3	20.3

99288 2001 QA_{203} 11 24.8 118°.52 2°.2/23.9 18

10 18	4 30.67	+15 7.4	1.965	2.770	14.5	19.8
10 28	4 25.92	+14 54.7	1.887	2.774	11.3	19.6
11 7	4 18.83	+14 41.1	1.832	2.777	7.6	19.4
11 17	4 10.04	+14 28.3	1.803	2.781	3.8	19.2
11 27	4 0.50	+14 18.5	1.803	2.784	2.6	19.1
12 7	3 51.29	+14 13.9	1.831	2.787	6.0	19.3
12 17	3 43.42	+14 16.5	1.888	2.791	9.8	19.5
12 27	3 37.65	+14 27.8	1.969	2.794	13.1	19.8

301020 2008 RW_{146} 11 24.8 286°.68 0°.1/24.9 18

10 18	4 30.04	+23 59.4	1.742	2.548	16.0	20.5
10 28	4 26.11	+23 25.0	1.643	2.529	12.6	20.2
11 7	4 19.37	+22 39.1	1.565	2.510	8.6	20.0
11 17	4 10.42	+21 42.3	1.512	2.491	3.9	19.6
11 27	4 0.37	+20 37.7	1.487	2.473	1.1	19.4
12 7	3 50.53	+19 30.6	1.490	2.454	6.1	19.7
12 17	3 42.19	+18 27.5	1.520	2.435	10.8	19.9
12 27	3 36.35	+17 34.5	1.575	2.416	15.0	20.1

371310 2006 GY_{27} 11 24.8 221°.05 0°.8/24.4 18

10 18	4 27.66	+18 58.2	2.741	3.531	11.2	21.7
10 28	4 23.03	+18 45.3	2.645	3.524	8.7	21.5
11 7	4 16.66	+18 29.2	2.574	3.518	5.8	21.3
11 17	4 9.02	+18 10.7	2.531	3.511	2.6	21.1
11 27	4 0.78	+17 51.3	2.519	3.503	1.2	21.0
12 7	3 52.72	+17 32.9	2.537	3.496	4.3	21.2
12 17	3 45.57	+17 17.8	2.584	3.488	7.4	21.4
12 27	3 39.94	+17 8.0	2.658	3.480	10.2	21.6

228032 2008 GS_{20} 11 24.8 123°.42 1°.6/25.4 18

10 18	4 38.00	+24 46.7	1.834	2.620	16.1	21.1
10 28	4 31.82	+25 2.7	1.764	2.637	12.6	20.9
11 7	4 22.84	+25 11.0	1.716	2.654	8.6	20.7
11 17	4 11.84	+25 10.0	1.693	2.670	4.2	20.5
11 27	4 0.02	+24 59.8	1.700	2.685	1.7	20.3
12 7	3 48.75	+24 42.8	1.737	2.699	5.5	20.6
12 17	3 39.21	+24 22.9	1.801	2.713	9.6	20.9
12 27	3 32.28	+24 4.8	1.891	2.726	13.1	21.1

475687 2006 VB_{91} 11 24.8 335°.73 2°.2/25.6 18

10 18	4 27.02	+26 43.4	1.152	1.987	20.7	21.1
10 28	4 25.14	+26 40.0	1.072	1.973	16.5	20.8
11 7	4 19.46	+26 21.6	1.011	1.960	11.5	20.5
11 17	4 10.67	+25 46.4	0.970	1.949	5.9	20.1
11 27	4 0.29	+24 56.1	0.953	1.938	2.4	19.9
12 7	3 50.30	+23 56.4	0.959	1.928	7.6	20.2
12 17	3 42.50	+22 56.1	0.989	1.920	13.3	20.5
12 27	3 38.23	+22 4.3	1.039	1.913	18.5	20.7

474864 2005 SQ_{136} 11 24.8 94°.70 1°.9/24.0 18

10 18	4 34.34	+17 54.5	1.608	2.418	16.9	22.0
10 28	4 29.03	+17 23.2	1.547	2.436	13.1	21.8
11 7	4 20.97	+16 47.6	1.508	2.455	8.7	21.6
11 17	4 10.97	+16 10.0	1.493	2.473	4.1	21.4
11 27	4 0.28	+15 33.9	1.507	2.490	2.4	21.3
12 7	3 50.25	+15 3.5	1.549	2.508	6.6	21.6
12 17	3 42.01	+14 42.3	1.618	2.525	10.9	21.9
12 27	3 36.36	+14 32.8	1.711	2.541	14.5	22.2

3095 Omarkhayyam 11 24.8 10°.85 1°.0/25.4 18

10 18	4 26.63	+25 1.0	2.428	3.217	12.5	16.6
10 28	4 22.51	+24 54.8	2.342	3.219	9.8	16.4
11 7	4 16.43	+24 41.5	2.280	3.220	6.6	16.2
11 17	4 8.94	+24 21.1	2.244	3.221	3.2	16.0
11 27	4 0.83	+23 54.9	2.238	3.223	1.2	15.9
12 7	3 52.99	+23 25.2	2.261	3.225	4.3	16.1
12 17	3 46.23	+22 55.1	2.313	3.227	7.7	16.3
12 27	3 41.24	+22 28.0	2.391	3.230	10.6	16.5

326906 2003 WC_{143} 11 24.8 122°.40 0°.9/24.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 29.47	+17 22.1	2.438	3.232	12.3	20.7
10 28	4 24.60	+17 29.7	2.353	3.234	9.6	20.5
11 7	4 17.79	+17 35.9	2.293	3.237	6.4	20.3
11 17	4 9.55	+17 41.2	2.260	3.239	2.9	20.1
11 27	4 0.67	+17 46.3	2.257	3.241	1.3	20.0
12 7	3 52.01	+17 52.6	2.284	3.244	4.7	20.3
12 17	3 44.41	+18 1.4	2.340	3.246	8.0	20.5
12 27	3 38.54	+18 14.2	2.423	3.248	10.9	20.7

143728 2003 UE_{206} 11 24.8 330°.00 0°.9/25.2 18

10 18	4 31.36	+25 47.0	1.343	2.162	19.2	19.7
10 28	4 27.78	+25 16.7	1.266	2.158	15.2	19.4
11 7	4 20.76	+24 31.6	1.207	2.155	10.3	19.1
11 17	4 11.10	+23 32.1	1.172	2.151	4.9	18.8
11 27	4 0.24	+22 21.9	1.162	2.148	1.4	18.6
12 7	3 49.92	+21 7.8	1.179	2.145	6.9	18.9
12 17	3 41.65	+19 58.3	1.221	2.142	12.2	19.2
12 27	3 36.53	+19 1.0	1.285	2.140	16.8	19.5

14394 1990 SP_{15} 11 24.8 159°.14 4°.6/21.7 18

10 18	4 25.70	+ 7 40.9	2.633	3.430	11.4	17.6
10 28	4 21.41	+ 6 38.9	2.557	3.433	9.1	17.4
11 7	4 15.52	+ 5 38.7	2.504	3.435	6.7	17.3
11 17	4 8.49	+ 4 44.2	2.480	3.437	4.8	17.2
11 27	4 0.99	+ 3 59.0	2.485	3.439	4.9	17.2
12 7	3 53.75	+ 3 26.2	2.519	3.441	6.8	17.3
12 17	3 47.42	+ 3 7.5	2.581	3.443	9.1	17.5
12 27	3 42.56	+ 3 3.2	2.667	3.444	11.4	17.6

283878 2003 YB_{58} 11 24.8 4°.16 6°.1/23.8 18

10 18	4 29.93	+ 6 18.2	1.322	2.151	18.8	19.1
10 28	4 26.36	+ 6 15.7	1.256	2.151	15.1	18.9
11 7	4 19.65	+ 6 23.3	1.209	2.151	10.9	18.7
11 17	4 10.57	+ 6 44.9	1.184	2.153	7.2	18.5
11 27	4 0.40	+ 7 23.2	1.185	2.155	6.4	18.4
12 7	3 50.67	+ 8 18.4	1.211	2.159	9.4	18.6
12 17	3 42.77	+ 9 28.3	1.261	2.164	13.6	18.9
12 27	3 37.70	+10 49.9	1.333	2.170	17.4	19.1

16706 Svojsík 11 24.8 9°.91 1°.4/24.2 18

10 18	4 28.58	+18 12.4	1.873	2.683	14.8	19.0
10 28	4 24.48	+17 52.2	1.794	2.684	11.5	18.8
11 7	4 17.98	+17 28.0	1.737	2.685	7.7	18.6
11 17	4 9.71	+17 1.4	1.706	2.686	3.5	18.3
11 27	4 0.65	+16 35.2	1.703	2.687	1.9	18.2
12 7	3 51.94	+16 12.5	1.729	2.689	5.9	18.5
12 17	3 44.60	+15 56.3	1.781	2.691	9.9	18.7
12 27	3 39.43	+15 49.3	1.858	2.693	13.4	19.0

404890 2014 KU_{74} 11 24.8 237°.01 0°.6/25.2 18

10 18	4 32.02	+25 20.9	2.185	2.970	13.8	21.0
10 28	4 27.01	+24 52.0	2.082	2.956	10.9	20.7
11 7	4 19.63	+24 12.9	2.003	2.942	7.4	20.5
11 17	4 10.46	+23 23.8	1.950	2.928	3.5	20.2
11 27	4 0.44	+22 26.9	1.927	2.913	1.0	20.0
12 7	3 50.65	+21 26.1	1.934	2.897	5.0	20.3
12 17	3 42.13	+20 26.5	1.970	2.881	9.0	20.5
12 27	3 35.71	+19 33.1	2.033	2.864	12.5	20.7

270311 2001 WE_{82} 11 24.8 95°.84 0°.7/24.6 18

10 18	4 35.61	+19 43.7	1.707	2.509	16.4	21.1
10 28	4 29.93	+19 36.2	1.646	2.530	12.7	20.9
11 7	4 21.53	+19 24.0	1.606	2.551	8.4	20.7
11 17	4 11.24	+19 7.7	1.592	2.571	3.7	20.5
11 27	4 0.26	+18 49.3	1.606	2.592	1.4	20.4
12 7	3 49.91	+18 31.7	1.649	2.611	5.9	20.7
12 17	3 41.31	+18 18.3	1.720	2.630	10.1	21.0
12 27	3 35.26	+18 12.0	1.815	2.649	13.7	21.3

492133 2013 MY_{10} 11 24.8 44°.81 2°.6/23.8 18

10 18	4 28.90	+12 54.5	2.157	2.960	13.4	20.9
10 28	4 24.32	+12 49.6	2.082	2.967	10.4	20.7
11 7	4 17.66	+12 46.0	2.030	2.973	7.1	20.5
11 17	4 9.51	+12 45.2	2.004	2.980	3.8	20.3
11 27	4 0.72	+12 48.9	2.008	2.987	2.9	20.3
12 7	3 52.24	+12 58.6	2.040	2.994	5.8	20.5
12 17	3 44.93	+13 15.4	2.101	3.001	9.1	20.7
12 27	3 39.50	+13 39.8	2.187	3.008	12.1	20.9

165062 2000 EO_{119} 11 24.8 324°.07 1°.3/25.1 18

10 18	4 30.12	+21 54.6	1.488	2.307	17.6	19.1
10 28	4 26.83	+22 27.1	1.394	2.288	14.0	18.8
11 7	4 20.28	+22 56.2	1.321	2.269	9.6	18.5
11 17	4 11.03	+23 19.9	1.271	2.250	4.6	18.2
11 27	4 0.24	+23 37.3	1.247	2.233	1.6	17.9
12 7	3 49.51	+23 48.9	1.250	2.216	6.7	18.2
12 17	3 40.41	+23 57.3	1.278	2.200	11.8	18.5
12 27	3 34.23	+24 6.7	1.329	2.185	16.3	18.7

275455 2011 CH_{74} 11 24.8 254°.70 0°.0/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 34.30	+20 23.0	1.629	2.436	16.9	20.8
10 28	4 29.61	+20 34.7	1.539	2.426	13.3	20.5
11 7	4 21.84	+20 42.3	1.471	2.417	9.0	20.3
11 17	4 11.61	+20 45.3	1.427	2.407	4.1	19.9
11 27	4 0.11	+20 44.1	1.411	2.397	1.1	19.7
12 7	3 48.83	+20 40.5	1.422	2.386	6.3	20.0
12 17	3 39.17	+20 37.8	1.461	2.376	11.2	20.3
12 27	3 32.26	+20 39.7	1.523	2.365	15.4	20.5

42239 2001 FB_{20} 11 24.8 26°.25 7°.8/21.5 18

10 18	4 26.08	+ 9 24.0	1.211	2.055	19.3	17.0
10 28	4 23.22	+ 7 36.9	1.166	2.070	15.2	16.8
11 7	4 17.36	+ 5 52.5	1.141	2.086	11.1	16.6
11 17	4 9.42	+ 4 20.4	1.139	2.103	8.1	16.5
11 27	4 0.79	+ 3 10.0	1.161	2.121	8.3	16.5
12 7	3 52.92	+ 2 27.2	1.208	2.141	11.3	16.8
12 17	3 46.96	+ 2 13.7	1.277	2.161	14.9	17.0
12 27	3 43.70	+ 2 27.1	1.365	2.183	18.2	17.3

204480 2005 AP_{57} 11 24.8 10°.23 2°.6/25.4 18

10 18	4 34.13	+23 38.1	1.444	2.256	18.4	19.2
10 28	4 29.87	+24 36.5	1.370	2.257	14.6	19.0
11 7	4 22.20	+25 30.7	1.316	2.259	10.1	18.7
11 17	4 11.81	+26 17.0	1.285	2.262	5.3	18.5
11 27	4 0.07	+26 52.3	1.282	2.265	2.8	18.3
12 7	3 48.68	+27 16.3	1.305	2.269	6.8	18.6
12 17	3 39.23	+27 31.6	1.354	2.273	11.5	18.8
12 27	3 32.89	+27 42.9	1.426	2.279	15.6	19.1

346461 2008 TK_{86} 11 24.8 314°.35 2°.8/23.6 18

10 18	4 28.81	+17 19.2	1.513	2.338	17.1	20.6
10 28	4 25.32	+16 33.3	1.430	2.328	13.4	20.4
11 7	4 18.91	+15 41.2	1.368	2.318	9.0	20.1
11 17	4 10.25	+14 46.2	1.330	2.309	4.5	19.8
11 27	4 0.52	+13 53.4	1.319	2.300	3.3	19.7
12 7	3 51.12	+13 8.4	1.334	2.292	7.6	20.0
12 17	3 43.36	+12 36.2	1.375	2.283	12.2	20.2
12 27	3 38.22	+12 20.1	1.438	2.276	16.4	20.5

460299 2014 QP_{370} 11 24.8 80°.83 1°.1/24.3 18

10 18	4 30.33	+18 2.5	2.246	3.042	13.2	21.7
10 28	4 25.21	+17 49.8	2.183	3.065	10.1	21.6
11 7	4 18.12	+17 34.3	2.142	3.087	6.7	21.4
11 17	4 9.67	+17 17.2	2.129	3.108	3.0	21.2
11 27	4 0.72	+17 0.2	2.146	3.130	1.5	21.1
12 7	3 52.21	+16 45.8	2.193	3.152	4.9	21.4
12 17	3 44.95	+16 35.9	2.268	3.173	8.3	21.7
12 27	3 39.55	+16 32.5	2.369	3.194	11.2	21.9

31847 2000 DQ_{96} 11 24.8 121°.48 0°.1/24.8 18 R

10 18	4 28.75	+21 18.3	2.758	3.542	11.3	19.7
10 28	4 23.74	+21 6.6	2.681	3.557	8.7	19.6
11 7	4 17.05	+20 50.5	2.629	3.570	5.8	19.4
11 17	4 9.18	+20 30.6	2.604	3.584	2.6	19.2
11 27	4 0.86	+20 8.2	2.611	3.597	0.8	19.1
12 7	3 52.83	+19 45.5	2.648	3.609	4.0	19.4
12 17	3 45.80	+19 24.8	2.715	3.622	7.0	19.6
12 27	3 40.34	+19 8.4	2.809	3.633	9.6	19.8

227987 2007 JL_{3} 11 24.8 123°.36 0°.0/24.8 18

10 18	4 29.77	+20 55.0	2.599	3.385	11.8	21.2
10 28	4 24.67	+20 54.8	2.521	3.397	9.2	21.1
11 7	4 17.74	+20 50.6	2.466	3.408	6.1	20.9
11 17	4 9.52	+20 42.6	2.440	3.419	2.7	20.7
11 27	4 0.76	+20 32.0	2.444	3.430	0.8	20.5
12 7	3 52.30	+20 20.5	2.478	3.440	4.2	20.8
12 17	3 44.88	+20 10.0	2.542	3.450	7.4	21.0
12 27	3 39.14	+20 3.0	2.633	3.460	10.1	21.2

209314 2004 BQ_{5} 11 24.8 47°.21 3°.0/23.8 18

10 18	4 30.54	+13 34.9	1.742	2.555	15.7	20.0
10 28	4 26.08	+13 18.3	1.670	2.560	12.2	19.8
11 7	4 19.09	+13 2.0	1.620	2.565	8.3	19.6
11 17	4 10.23	+12 48.4	1.594	2.571	4.4	19.4
11 27	4 0.57	+12 40.2	1.597	2.576	3.4	19.3
12 7	3 51.31	+12 39.9	1.628	2.582	6.8	19.5
12 17	3 43.53	+12 49.1	1.685	2.588	10.7	19.8
12 27	3 38.06	+13 8.6	1.766	2.594	14.2	20.0

393437 2001 SP_{331} 11 24.8 83°.76 4°.0/22.9 15

10 18	4 30.86	+11 31.4	1.970	2.774	14.4	21.8
10 28	4 25.76	+10 44.0	1.913	2.797	11.2	21.6
11 7	4 18.52	+ 9 57.6	1.879	2.820	7.8	21.5
11 17	4 9.85	+ 9 15.9	1.872	2.843	4.7	21.3
11 27	4 0.70	+ 8 42.7	1.894	2.865	4.3	21.4
12 7	3 52.07	+ 8 21.0	1.944	2.887	7.0	21.6
12 17	3 44.83	+ 8 12.6	2.022	2.908	10.1	21.8
12 27	3 39.62	+ 8 17.7	2.124	2.930	13.0	22.0

69414 1995 VY_{11} 11 24.8 75°.86 1°.8/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 31.90	+16 47.0	1.706	2.517	16.1	19.8
10 28	4 27.21	+16 35.7	1.635	2.525	12.5	19.6
11 7	4 19.86	+16 22.2	1.586	2.533	8.3	19.4
11 17	4 10.58	+16 7.9	1.562	2.542	3.9	19.2
11 27	4 0.48	+15 55.1	1.566	2.550	2.3	19.1
12 7	3 50.83	+15 46.6	1.599	2.558	6.3	19.3
12 17	3 42.77	+15 44.8	1.658	2.567	10.5	19.6
12 27	3 37.13	+15 51.8	1.741	2.575	14.1	19.9

378049 2006 TM_{34} 11 24.8 342°.83 0°.0/24.9 18

10 18	4 27.83	+23 5.0	1.173	2.011	20.2	21.1
10 28	4 25.50	+22 43.7	1.098	2.003	15.9	20.8
11 7	4 19.53	+22 10.3	1.042	1.995	10.8	20.5
11 17	4 10.68	+21 25.8	1.007	1.988	4.9	20.1
11 27	4 0.44	+20 33.7	0.996	1.982	1.4	19.9
12 7	3 50.66	+19 40.6	1.010	1.978	7.5	20.2
12 17	3 43.01	+18 54.0	1.047	1.974	13.3	20.5
12 27	3 38.70	+18 20.3	1.105	1.971	18.2	20.8

112252 2002 LU_{10} 11 24.8 236°.26 2°.4/23.8 18

10 18	4 32.83	+17 51.8	1.606	2.419	16.8	19.9
10 28	4 28.32	+17 10.1	1.519	2.410	13.2	19.7
11 7	4 20.86	+16 21.9	1.454	2.402	8.9	19.4
11 17	4 11.14	+15 30.1	1.413	2.392	4.3	19.1
11 27	4 0.33	+14 39.0	1.400	2.383	2.9	19.0
12 7	3 49.84	+13 53.9	1.416	2.373	7.3	19.3
12 17	3 40.99	+13 19.7	1.457	2.363	11.9	19.5
12 27	3 34.78	+13 0.0	1.521	2.352	16.0	19.7

330156 2006 BR_{38} 11 24.8 261°.04 1°.1/24.3 17

10 18	4 28.06	+18 26.8	2.383	3.181	12.5	21.8
10 28	4 23.68	+18 10.0	2.287	3.170	9.7	21.6
11 7	4 17.29	+17 49.6	2.214	3.159	6.5	21.4
11 17	4 9.41	+17 26.8	2.169	3.148	3.0	21.2
11 27	4 0.81	+17 3.5	2.153	3.137	1.5	21.0
12 7	3 52.39	+16 42.2	2.167	3.126	4.9	21.3
12 17	3 45.00	+16 25.4	2.209	3.114	8.4	21.5
12 27	3 39.34	+16 15.6	2.277	3.103	11.5	21.7

2686 Linda Susan 11 24.8 273°.63 1°.3/24.1 18

10 18	4 27.58	+19 36.6	2.216	3.017	13.1	16.6
10 28	4 23.38	+18 56.0	2.127	3.012	10.2	16.4
11 7	4 17.10	+18 9.5	2.061	3.007	6.8	16.2
11 17	4 9.31	+17 19.0	2.022	3.001	3.1	15.9
11 27	4 0.85	+16 27.7	2.012	2.996	1.8	15.8
12 7	3 52.66	+15 39.5	2.032	2.990	5.3	16.1
12 17	3 45.62	+14 58.1	2.080	2.985	8.9	16.3
12 27	3 40.43	+14 26.7	2.154	2.980	12.1	16.5

49947 1999 XY_{204} 11 24.8 174°.11 1°.6/25.5 18

10 18	4 34.70	+24 39.3	2.233	3.012	13.8	19.3
10 28	4 29.03	+25 6.4	2.145	3.014	10.9	19.1
11 7	4 20.97	+25 27.9	2.080	3.016	7.5	18.9
11 17	4 11.09	+25 42.1	2.043	3.018	3.8	18.7
11 27	4 0.35	+25 48.5	2.035	3.018	1.8	18.6
12 7	3 49.85	+25 48.0	2.057	3.019	4.9	18.8
12 17	3 40.64	+25 43.1	2.109	3.019	8.5	19.0
12 27	3 33.55	+25 37.4	2.187	3.019	11.7	19.2

281782 2009 SM_{234} 11 24.8 359°.68 4°.3/23.2 18

10 18	4 28.13	+ 9 8.6	1.996	2.804	14.1	19.5
10 28	4 23.92	+ 8 47.9	1.918	2.803	11.2	19.3
11 7	4 17.53	+ 8 30.7	1.863	2.803	7.9	19.1
11 17	4 9.52	+ 8 20.0	1.834	2.803	5.0	19.0
11 27	4 0.79	+ 8 18.6	1.833	2.803	4.6	19.0
12 7	3 52.35	+ 8 28.3	1.860	2.803	7.1	19.1
12 17	3 45.13	+ 8 50.1	1.913	2.804	10.4	19.3
12 27	3 39.86	+ 9 23.6	1.991	2.805	13.4	19.5

277956 2006 SV_{107} 11 24.8 5°.71 2°.0/25.4 18

10 18	4 27.31	+24 14.3	0.996	1.846	22.1	20.2
10 28	4 25.60	+24 34.4	0.935	1.845	17.5	19.9
11 7	4 19.84	+24 43.9	0.892	1.846	12.0	19.6
11 17	4 10.87	+24 41.0	0.868	1.848	5.9	19.3
11 27	4 0.41	+24 26.1	0.867	1.852	2.3	19.1
12 7	3 50.61	+24 3.4	0.889	1.858	7.8	19.4
12 17	3 43.31	+23 39.4	0.932	1.865	13.6	19.8
12 27	3 39.74	+23 21.1	0.996	1.874	18.6	20.1

56263 1999 JF_{95} 11 24.8 282°.12 2°.8/24.1 18

10 18	4 32.91	+11 31.7	2.004	2.803	14.4	18.8
10 28	4 27.79	+11 46.3	1.913	2.795	11.4	18.5
11 7	4 20.24	+12 4.6	1.845	2.787	7.8	18.3
11 17	4 10.81	+12 27.9	1.803	2.778	4.2	18.1
11 27	4 0.42	+12 57.0	1.791	2.770	3.1	18.0
12 7	3 50.20	+13 32.3	1.808	2.762	6.3	18.2
12 17	3 41.22	+14 14.0	1.853	2.754	10.1	18.4
12 27	3 34.35	+15 2.0	1.924	2.746	13.5	18.6

15328 1993 RJ_{9} 11 24.8 130°.84 0°.1/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 34.71	+22 33.7	1.927	2.719	15.2	19.3
10 28	4 29.10	+22 19.9	1.854	2.732	11.8	19.1
11 7	4 20.96	+21 58.9	1.803	2.745	7.9	18.9
11 17	4 11.03	+21 31.1	1.779	2.758	3.6	18.7
11 27	4 0.40	+20 58.5	1.784	2.770	1.0	18.5
12 7	3 50.26	+20 24.4	1.818	2.781	5.3	18.9
12 17	3 41.68	+19 53.0	1.881	2.791	9.4	19.1
12 27	3 35.43	+19 27.9	1.969	2.801	12.8	19.4

480311 2015 HQ_{174} 11 24.8 138°.16 0°.0/24.9 18 R

10 18	4 34.89	+22 27.8	1.923	2.715	15.2	22.1
10 28	4 29.25	+22 11.4	1.849	2.727	11.9	21.9
11 7	4 21.08	+21 47.7	1.796	2.739	7.9	21.7
11 17	4 11.09	+21 17.3	1.770	2.750	3.6	21.5
11 27	4 0.38	+20 42.1	1.774	2.760	1.0	21.3
12 7	3 50.17	+20 5.8	1.807	2.770	5.4	21.6
12 17	3 41.51	+19 32.4	1.869	2.778	9.4	21.9
12 27	3 35.19	+19 5.9	1.955	2.787	12.9	22.1

131659 2001 XQ_{134} 11 24.8 174°.12 1°.1/24.5 18

10 18	4 37.00	+18 21.4	1.631	2.434	17.0	20.7
10 28	4 31.47	+18 20.6	1.552	2.437	13.3	20.5
11 7	4 22.91	+18 16.6	1.494	2.439	8.9	20.2
11 17	4 12.04	+18 9.6	1.461	2.441	4.0	19.9
11 27	4 0.11	+18 1.3	1.457	2.442	1.7	19.8
12 7	3 48.58	+17 54.0	1.481	2.442	6.5	20.1
12 17	3 38.80	+17 50.8	1.532	2.442	11.1	20.4
12 27	3 31.76	+17 54.8	1.607	2.441	15.1	20.6

186028 2001 QL_{254} 11 24.8 103°.59 0°.7/24.6 18

10 18	4 37.43	+19 14.7	1.805	2.599	16.0	21.0
10 28	4 31.16	+19 12.1	1.744	2.624	12.4	20.8
11 7	4 22.28	+19 5.5	1.705	2.649	8.2	20.6
11 17	4 11.60	+18 55.3	1.693	2.673	3.6	20.4
11 27	4 0.27	+18 43.1	1.710	2.696	1.3	20.3
12 7	3 49.58	+18 31.3	1.757	2.718	5.7	20.7
12 17	3 40.60	+18 23.0	1.832	2.740	9.7	20.9
12 27	3 34.11	+18 20.7	1.932	2.761	13.2	21.2

344218 2001 RK_{65} 11 24.8 25°.68 4°.0/26.4 18

10 18	4 29.97	+29 58.8	1.092	1.921	22.0	20.1
10 28	4 27.27	+30 8.8	1.040	1.934	17.6	19.8
11 7	4 20.62	+30 0.6	1.005	1.948	12.4	19.6
11 17	4 11.07	+29 31.9	0.990	1.964	7.1	19.4
11 27	4 0.42	+28 44.2	0.999	1.981	4.0	19.2
12 7	3 50.71	+27 44.1	1.032	1.999	7.5	19.5
12 17	3 43.55	+26 40.7	1.088	2.018	12.5	19.9
12 27	3 39.95	+25 43.5	1.166	2.038	16.9	20.2

89686 2001 YM_{57} 11 24.8 38°.02 0°.8/25.1 18

10 18	4 33.54	+21 52.4	1.477	2.290	18.0	19.2
10 28	4 29.12	+22 13.9	1.405	2.295	14.1	18.9
11 7	4 21.50	+22 30.0	1.354	2.301	9.5	18.7
11 17	4 11.45	+22 39.5	1.327	2.306	4.4	18.4
11 27	4 0.28	+22 42.4	1.326	2.312	1.3	18.2
12 7	3 49.59	+22 40.5	1.353	2.319	6.4	18.6
12 17	3 40.77	+22 37.4	1.406	2.325	11.2	18.9
12 27	3 34.89	+22 37.2	1.482	2.332	15.3	19.1

392390 2010 JV_{114} 11 24.9 175°.30 1°.0/25.2 18

10 18	4 35.75	+22 5.5	2.127	2.911	14.2	21.5
10 28	4 29.94	+22 36.0	2.040	2.913	11.2	21.3
11 7	4 21.63	+23 2.9	1.975	2.914	7.6	21.0
11 17	4 11.43	+23 24.6	1.938	2.916	3.6	20.8
11 27	4 0.29	+23 40.3	1.931	2.916	1.3	20.6
12 7	3 49.40	+23 50.8	1.954	2.916	5.1	20.9
12 17	3 39.84	+23 58.0	2.006	2.916	8.9	21.1
12 27	3 32.48	+24 4.9	2.085	2.915	12.3	21.4

484271 2007 JB_{12} 11 24.9 206°.92 4°.4/22.1 17

10 18	4 26.95	+ 6 36.1	2.839	3.628	10.9	22.2
10 28	4 22.34	+ 5 52.7	2.752	3.623	8.7	22.1
11 7	4 16.15	+ 5 12.0	2.690	3.617	6.4	21.9
11 17	4 8.84	+ 4 37.0	2.655	3.611	4.6	21.8
11 27	4 1.03	+ 4 10.8	2.650	3.605	4.6	21.8
12 7	3 53.39	+ 3 55.7	2.675	3.598	6.4	21.9
12 17	3 46.58	+ 3 52.8	2.728	3.590	8.7	22.0
12 27	3 41.16	+ 4 2.3	2.806	3.582	10.9	22.2

517928 2015 TL_{183} 11 24.9 18°.00 2°.4/25.7 18

10 18	4 31.51	+26 24.6	1.772	2.570	16.1	21.0
10 28	4 27.18	+26 49.0	1.693	2.572	12.8	20.7
11 7	4 20.03	+27 5.0	1.635	2.574	8.9	20.5
11 17	4 10.76	+27 10.7	1.603	2.577	4.8	20.3
11 27	4 0.49	+27 5.6	1.597	2.580	2.5	20.1
12 7	3 50.58	+26 51.7	1.620	2.583	5.8	20.4
12 17	3 42.26	+26 32.6	1.669	2.587	9.8	20.6
12 27	3 36.48	+26 13.5	1.743	2.591	13.5	20.9

146335 2001 OK_{11} 11 24.9 54°.65 1°.1/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 32.07	+18 1.9	1.678	2.489	16.3	19.9
10 28	4 27.32	+18 3.2	1.616	2.506	12.6	19.7
11 7	4 19.91	+18 1.9	1.575	2.522	8.4	19.5
11 17	4 10.60	+17 58.6	1.559	2.539	3.8	19.2
11 27	4 0.56	+17 54.9	1.571	2.556	1.6	19.1
12 7	3 51.05	+17 53.0	1.611	2.573	6.0	19.5
12 17	3 43.18	+17 55.2	1.678	2.591	10.1	19.7
12 27	3 37.77	+18 3.7	1.769	2.608	13.7	20.0

102836 1999 VL_{191} 11 24.9 272°.23 0°.1/24.9 17

10 18	4 29.20	+21 21.8	2.231	3.026	13.3	20.3
10 28	4 24.72	+21 21.1	2.140	3.021	10.4	20.1
11 7	4 18.08	+21 15.7	2.073	3.016	7.0	19.9
11 17	4 9.80	+21 5.7	2.032	3.011	3.1	19.6
11 27	4 0.76	+20 52.2	2.020	3.006	0.9	19.5
12 7	3 51.93	+20 37.3	2.038	3.001	4.8	19.7
12 17	3 44.26	+20 23.6	2.084	2.996	8.5	20.0
12 27	3 38.51	+20 13.9	2.156	2.991	11.8	20.2

336648 2009 WY_{165} 11 24.9 235°.45 1°.2/25.4 18

10 18	4 32.55	+25 59.4	1.663	2.464	16.8	21.4
10 28	4 28.11	+25 40.6	1.579	2.461	13.3	21.1
11 7	4 20.71	+25 9.9	1.515	2.458	9.1	20.9
11 17	4 11.07	+24 27.1	1.476	2.454	4.4	20.6
11 27	4 0.41	+23 34.4	1.465	2.451	1.5	20.4
12 7	3 50.17	+22 36.5	1.482	2.447	6.0	20.7
12 17	3 41.65	+21 39.7	1.526	2.443	10.6	20.9
12 27	3 35.80	+20 50.3	1.593	2.439	14.6	21.2

446993 2003 YE_{39} 11 24.9 212°.11 5°.6/27.9 18

10 18	4 34.33	+37 57.0	2.074	2.823	15.6	20.9
10 28	4 29.27	+38 10.9	1.984	2.820	13.0	20.7
11 7	4 21.37	+38 8.4	1.914	2.817	10.1	20.5
11 17	4 11.33	+37 45.8	1.868	2.814	7.2	20.3
11 27	4 0.34	+37 2.0	1.850	2.811	5.6	20.2
12 7	3 49.77	+35 59.8	1.860	2.808	6.7	20.3
12 17	3 40.86	+34 45.0	1.898	2.804	9.5	20.5
12 27	3 34.53	+33 25.8	1.961	2.800	12.6	20.6

159164 La Cañada 11 24.9 67°.98 2°.0/23.7 18

10 18	4 31.40	+19 19.1	1.775	2.583	15.7	19.9
10 28	4 26.43	+18 15.8	1.719	2.607	12.1	19.7
11 7	4 19.08	+17 6.2	1.684	2.632	7.9	19.5
11 17	4 10.14	+15 53.9	1.677	2.656	3.7	19.3
11 27	4 0.71	+14 44.1	1.698	2.680	2.5	19.3
12 7	3 51.95	+13 42.2	1.748	2.704	6.3	19.6
12 17	3 44.79	+12 52.6	1.825	2.728	10.1	19.8
12 27	3 39.89	+12 17.8	1.927	2.752	13.4	20.1

177330 2003 YR_{66} 11 24.9 327°.68 3°.0/23.9 18

10 18	4 27.24	+15 0.3	1.473	2.304	17.2	19.4
10 28	4 24.33	+14 40.7	1.385	2.286	13.6	19.1
11 7	4 18.44	+14 19.5	1.317	2.268	9.3	18.8
11 17	4 10.17	+13 59.3	1.273	2.251	4.8	18.5
11 27	4 0.65	+13 43.7	1.254	2.235	3.5	18.4
12 7	3 51.31	+13 36.4	1.261	2.220	7.7	18.6
12 17	3 43.52	+13 40.2	1.293	2.206	12.5	18.8
12 27	3 38.39	+13 57.1	1.347	2.193	16.8	19.0

96778 1999 RT_{81} 11 24.9 13°.43 8°.4/28.0 18

10 18	4 29.93	+36 40.6	1.189	1.994	22.0	18.2
10 28	4 27.63	+37 44.6	1.129	2.000	18.3	18.0
11 7	4 21.19	+38 28.1	1.086	2.007	14.3	17.8
11 17	4 11.49	+38 43.7	1.063	2.015	10.5	17.6
11 27	4 0.33	+38 27.9	1.062	2.025	8.4	17.5
12 7	3 49.89	+37 43.5	1.085	2.037	9.8	17.7
12 17	3 42.05	+36 39.5	1.130	2.050	13.2	17.9
12 27	3 38.04	+35 28.0	1.197	2.064	16.9	18.2

298148 2002 SO_{62} 11 24.9 55°.12 1°.6/24.2 18

10 18	4 30.46	+17 58.2	1.705	2.518	16.0	20.8
10 28	4 26.09	+17 37.1	1.637	2.528	12.4	20.6
11 7	4 19.12	+17 12.1	1.589	2.537	8.2	20.4
11 17	4 10.28	+16 45.1	1.567	2.547	3.8	20.2
11 27	4 0.68	+16 18.9	1.573	2.557	2.1	20.1
12 7	3 51.55	+15 57.0	1.607	2.567	6.2	20.4
12 17	3 43.99	+15 42.6	1.668	2.578	10.4	20.6
12 27	3 38.81	+15 38.0	1.752	2.588	14.0	20.9

466987 2016 BD_{46} 11 24.9 20°.23 2°.0/25.9 17

10 18	4 28.19	+28 1.5	2.008	2.800	14.6	21.0
10 28	4 24.19	+27 51.5	1.928	2.804	11.6	20.8
11 7	4 17.80	+27 30.6	1.871	2.808	8.1	20.6
11 17	4 9.68	+26 58.5	1.839	2.813	4.2	20.3
11 27	4 0.84	+26 16.6	1.835	2.818	2.0	20.2
12 7	3 52.40	+25 28.5	1.860	2.824	5.0	20.4
12 17	3 45.36	+24 39.0	1.912	2.830	8.8	20.7
12 27	3 40.47	+23 53.0	1.990	2.836	12.1	20.9

408959 2002 GP_{138} 11 24.9 145°.29 1°.6/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 32.39	+25 25.2	2.577	3.351	12.3	20.9
10 28	4 26.89	+25 49.0	2.492	3.358	9.7	20.7
11 7	4 19.36	+26 7.2	2.431	3.365	6.7	20.6
11 17	4 10.35	+26 18.4	2.398	3.372	3.5	20.4
11 27	4 0.66	+26 22.4	2.395	3.378	1.7	20.3
12 7	3 51.21	+26 20.2	2.423	3.384	4.3	20.5
12 17	3 42.87	+26 13.9	2.481	3.390	7.4	20.7
12 27	3 36.34	+26 6.7	2.565	3.395	10.3	20.9

89757 2002 AW_{54} 11 24.9 119°.01 1°.3/25.6 18

10 18	4 30.82	+26 45.7	2.301	3.082	13.3	20.2
10 28	4 25.80	+26 31.2	2.222	3.093	10.5	20.1
11 7	4 18.65	+26 7.6	2.167	3.103	7.2	19.9
11 17	4 10.01	+25 34.9	2.138	3.113	3.6	19.7
11 27	4 0.77	+24 54.5	2.138	3.123	1.4	19.5
12 7	3 51.93	+24 9.7	2.169	3.132	4.5	19.8
12 17	3 44.37	+23 24.5	2.229	3.142	8.0	20.0
12 27	3 38.77	+22 43.0	2.315	3.151	11.0	20.2

371831 2007 VD_{98} 11 24.9 344°.04 2°.1/25.4 18

10 18	4 30.92	+24 8.3	1.129	1.964	21.0	20.7
10 28	4 28.25	+24 33.8	1.056	1.957	16.7	20.4
11 7	4 21.62	+24 50.6	1.001	1.951	11.6	20.1
11 17	4 11.76	+24 56.3	0.966	1.945	5.8	19.7
11 27	4 0.24	+24 50.1	0.956	1.941	2.3	19.5
12 7	3 49.14	+24 34.8	0.969	1.937	7.7	19.8
12 17	3 40.34	+24 16.0	1.006	1.935	13.4	20.1
12 27	3 35.22	+24 0.7	1.063	1.933	18.4	20.4

411157 2010 AY_{134} 11 24.9 7°.23 1°.0/24.5 17

10 18	4 28.26	+17 46.1	1.698	2.516	15.8	20.7
10 28	4 24.55	+17 53.0	1.624	2.517	12.3	20.5
11 7	4 18.23	+17 58.1	1.570	2.519	8.2	20.3
11 17	4 9.95	+18 1.7	1.542	2.522	3.7	20.0
11 27	4 0.77	+18 5.3	1.540	2.526	1.6	19.9
12 7	3 51.94	+18 10.7	1.567	2.530	5.9	20.2
12 17	3 44.59	+18 19.8	1.620	2.535	10.2	20.4
12 27	3 39.60	+18 34.7	1.697	2.542	13.9	20.7

474714 2005 HY 11 24.9 152°.86 0°.7/25.1 17

10 18	4 36.85	+23 12.3	1.916	2.703	15.4	22.4
10 28	4 30.90	+23 12.3	1.838	2.713	12.1	22.2
11 7	4 22.28	+23 5.3	1.782	2.722	8.2	22.0
11 17	4 11.71	+22 50.6	1.752	2.730	3.8	21.8
11 27	4 0.31	+22 29.4	1.752	2.737	1.1	21.6
12 7	3 49.35	+22 4.4	1.781	2.744	5.4	21.9
12 17	3 39.98	+21 39.5	1.839	2.750	9.5	22.1
12 27	3 33.05	+21 18.9	1.922	2.754	13.1	22.4

400663 2009 HB_{96} 11 24.9 201°.51 4°.1/22.7 18

10 18	4 29.28	+ 9 47.4	2.317	3.114	12.8	22.2
10 28	4 24.51	+ 9 5.1	2.232	3.111	10.1	22.1
11 7	4 17.79	+ 8 24.1	2.171	3.108	7.2	21.9
11 17	4 9.65	+ 7 47.6	2.137	3.104	4.7	21.7
11 27	4 0.87	+ 7 19.0	2.133	3.099	4.4	21.7
12 7	3 52.33	+ 7 1.2	2.158	3.094	6.8	21.8
12 17	3 44.85	+ 6 56.0	2.210	3.089	9.7	22.0
12 27	3 39.12	+ 7 3.9	2.288	3.084	12.5	22.2

347777 2002 CG_{230} 11 24.9 239°.85 4°.4/26.6 17

10 18	4 36.32	+31 45.8	1.554	2.341	18.4	21.2
10 28	4 31.69	+32 2.1	1.465	2.333	15.0	20.9
11 7	4 23.51	+32 3.4	1.395	2.324	11.0	20.6
11 17	4 12.50	+31 45.8	1.349	2.315	6.8	20.4
11 27	4 0.07	+31 7.8	1.328	2.306	4.4	20.2
12 7	3 47.99	+30 12.6	1.335	2.296	7.1	20.4
12 17	3 37.92	+29 7.5	1.368	2.286	11.5	20.6
12 27	3 31.07	+28 2.0	1.425	2.275	15.8	20.8

448047 2008 FY_{41} 11 24.9 331°.47 1°.6/24.1 18

10 18	4 28.40	+18 32.1	1.832	2.644	15.1	21.2
10 28	4 24.48	+18 3.1	1.749	2.640	11.7	20.9
11 7	4 18.10	+17 29.0	1.688	2.636	7.9	20.7
11 17	4 9.87	+16 51.9	1.652	2.632	3.7	20.4
11 27	4 0.81	+16 14.9	1.644	2.628	2.1	20.3
12 7	3 52.05	+15 41.8	1.664	2.624	6.1	20.6
12 17	3 44.68	+15 16.4	1.712	2.621	10.2	20.8
12 27	3 39.52	+15 1.5	1.783	2.618	13.8	21.0

213636 Gajdoš 11 24.9 355°.26 3°.6/26.1 18

10 18	4 31.26	+28 27.1	1.565	2.368	17.6	20.1
10 28	4 27.51	+28 59.8	1.486	2.365	14.2	19.8
11 7	4 20.57	+29 22.1	1.427	2.363	10.1	19.6
11 17	4 11.14	+29 30.8	1.390	2.362	5.9	19.3
11 27	4 0.48	+29 24.7	1.381	2.361	3.6	19.2
12 7	3 50.18	+29 5.7	1.398	2.360	6.6	19.4
12 17	3 41.68	+28 38.6	1.440	2.361	10.9	19.6
12 27	3 36.08	+28 9.8	1.506	2.361	14.8	19.9

115779 2003 UO_{216} 11 24.9 303°.83 3°.9/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 33.70	+28 42.9	1.369	2.177	19.4	19.7
10 28	4 30.01	+29 11.1	1.285	2.168	15.7	19.4
11 7	4 22.61	+29 27.3	1.221	2.159	11.3	19.1
11 17	4 12.19	+29 27.6	1.178	2.150	6.5	18.8
11 27	4 0.19	+29 10.2	1.161	2.142	3.9	18.6
12 7	3 48.51	+28 37.6	1.169	2.133	7.4	18.8
12 17	3 38.91	+27 56.3	1.203	2.125	12.3	19.1
12 27	3 32.70	+27 14.5	1.259	2.118	16.9	19.3

461230 2015 WP_3 11 24.9 18°.17 8°.1/22.5 18

10 18	4 26.34	+ 3 39.3	1.397	2.226	18.0	19.5
10 28	4 23.19	+ 2 48.6	1.346	2.237	14.6	19.3
11 7	4 17.31	+ 2 8.0	1.315	2.248	11.1	19.1
11 17	4 9.51	+ 1 43.8	1.306	2.261	8.5	19.0
11 27	4 0.98	+ 1 41.0	1.322	2.276	8.4	19.1
12 7	3 53.01	+ 2 1.6	1.363	2.291	10.7	19.2
12 17	3 46.72	+ 2 44.3	1.426	2.308	13.8	19.5
12 27	3 42.91	+ 3 45.6	1.511	2.326	16.9	19.7

103250 2000 AY_6 11 24.9 286°.57 0°.3/24.8 18

10 18	4 33.61	+18 33.6	1.851	2.652	15.4	19.1
10 28	4 28.94	+18 55.8	1.744	2.628	12.2	18.8
11 7	4 21.43	+19 17.2	1.659	2.604	8.3	18.6
11 17	4 11.57	+19 37.2	1.600	2.580	3.8	18.2
11 27	4 0.35	+19 55.6	1.569	2.555	1.1	18.0
12 7	3 49.08	+20 13.1	1.568	2.531	6.0	18.3
12 17	3 39.07	+20 31.2	1.594	2.506	10.6	18.5
12 27	3 31.46	+20 52.4	1.645	2.481	14.7	18.7

162839 2001 CX_{36} 11 24.9 336°.33 10°.5/20.7 18

10 18	4 26.72	− 0 3.9	1.440	2.261	18.0	19.5
10 28	4 23.67	− 1 27.7	1.371	2.250	15.1	19.3
11 7	4 17.83	− 2 41.3	1.322	2.241	12.4	19.1
11 17	4 9.85	− 3 35.7	1.295	2.232	10.6	19.0
11 27	4 0.87	− 4 2.9	1.292	2.224	10.9	19.0
12 7	3 52.23	− 3 58.6	1.312	2.217	13.1	19.1
12 17	3 45.16	− 3 23.0	1.354	2.210	16.1	19.3
12 27	3 40.60	− 2 19.8	1.415	2.205	19.1	19.4

324819 2007 HZ_{80} 11 24.9 186°.91 0°.4/24.7 18

10 18	4 28.78	+20 46.4	2.455	3.247	12.3	22.0
10 28	4 24.14	+20 32.1	2.367	3.247	9.6	21.9
11 7	4 17.56	+20 12.9	2.303	3.246	6.4	21.7
11 17	4 9.58	+19 49.8	2.266	3.246	2.9	21.4
11 27	4 0.98	+19 24.3	2.259	3.245	0.9	21.3
12 7	3 52.62	+18 58.9	2.282	3.244	4.5	21.5
12 17	3 45.32	+18 36.2	2.334	3.242	7.9	21.8
12 27	3 39.75	+18 19.1	2.413	3.241	10.9	21.9

381120 2007 DY_{54} 11 24.9 284°.67 0°.4/25.0 18

10 18	4 31.92	+23 6.7	1.568	2.378	17.2	22.0
10 28	4 28.05	+22 57.5	1.471	2.360	13.7	21.7
11 7	4 21.01	+22 39.4	1.395	2.341	9.3	21.4
11 17	4 11.41	+22 11.9	1.343	2.322	4.3	21.1
11 27	4 0.44	+21 36.6	1.317	2.304	1.2	20.8
12 7	3 49.62	+20 57.4	1.320	2.285	6.5	21.1
12 17	3 40.43	+20 19.9	1.348	2.266	11.6	21.3
12 27	3 34.06	+19 49.8	1.399	2.247	16.1	21.6

78196 2002 NU_{43} 11 24.9 31°.91 1°.2/24.4 18

10 18	4 29.35	+20 18.9	1.501	2.323	17.4	19.6
10 28	4 25.60	+19 45.6	1.435	2.331	13.5	19.4
11 7	4 18.99	+19 5.0	1.390	2.340	9.0	19.2
11 17	4 10.31	+18 19.4	1.369	2.349	4.0	18.9
11 27	4 0.80	+17 32.8	1.374	2.359	1.8	18.8
12 7	3 51.85	+16 50.2	1.407	2.370	6.6	19.1
12 17	3 44.66	+16 16.3	1.466	2.381	11.1	19.4
12 27	3 40.08	+15 54.7	1.547	2.393	15.0	19.7

374598 2006 DN_{105} 11 24.9 243°.51 6°.3/28.3 17

10 18	4 34.94	+42 0.7	2.776	3.485	12.9	21.6
10 28	4 29.43	+42 45.9	2.670	3.471	11.1	21.4
11 7	4 21.42	+43 18.3	2.586	3.457	9.1	21.3
11 17	4 11.45	+43 33.8	2.527	3.443	7.3	21.1
11 27	4 0.45	+43 29.6	2.496	3.428	6.3	21.0
12 7	3 49.56	+43 6.0	2.492	3.413	6.9	21.1
12 17	3 39.89	+42 26.0	2.517	3.398	8.6	21.2
12 27	3 32.37	+41 35.0	2.568	3.382	10.8	21.3

216078 2006 QE_{54} 11 24.9 79°.14 2°.1/24.3 17

10 18	4 37.68	+16 15.7	1.380	2.195	19.0	20.4
10 28	4 32.05	+16 10.0	1.327	2.218	14.7	20.2
11 7	4 23.22	+16 2.9	1.294	2.242	9.8	20.0
11 17	4 12.16	+15 55.5	1.286	2.265	4.6	19.7
11 27	4 0.32	+15 50.3	1.304	2.288	2.6	19.7
12 7	3 49.29	+15 49.6	1.350	2.310	7.1	20.0
12 17	3 40.39	+15 56.0	1.422	2.333	11.8	20.3
12 27	3 34.49	+16 11.2	1.517	2.355	15.7	20.6

69135 2003 FP_{74} 11 24.9 151°.10 2°.8/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 33.45	+13 41.6	1.931	2.731	14.8	19.8
10 28	4 28.12	+13 23.0	1.855	2.738	11.6	19.6
11 7	4 20.38	+13 4.2	1.802	2.744	7.9	19.4
11 17	4 10.89	+12 47.5	1.775	2.750	4.2	19.2
11 27	4 0.65	+12 35.3	1.776	2.755	3.2	19.2
12 7	3 50.78	+12 30.2	1.808	2.760	6.4	19.4
12 17	3 42.31	+12 33.9	1.867	2.765	10.2	19.6
12 27	3 36.04	+12 47.6	1.950	2.768	13.5	19.8

36235 Sergebaudo 11 24.9 24°.24 1°.8/25.2 18

10 18	4 36.18	+21 9.5	1.496	2.305	18.0	17.9
10 28	4 31.32	+22 16.1	1.424	2.311	14.2	17.7
11 7	4 23.12	+23 21.5	1.373	2.317	9.7	17.4
11 17	4 12.32	+24 21.8	1.346	2.324	4.8	17.2
11 27	4 0.24	+25 13.7	1.347	2.332	2.1	17.0
12 7	3 48.52	+25 56.2	1.376	2.340	6.5	17.3
12 17	3 38.68	+26 30.3	1.431	2.349	11.1	17.6
12 27	3 31.87	+26 59.7	1.510	2.358	15.2	17.9

481570 2007 TF_{25} 11 24.9 4°.71 3°.9/23.4 17

10 18	4 22.74	+16 3.1	1.094	1.952	20.0	20.5
10 28	4 21.37	+15 12.0	1.035	1.951	15.6	20.3
11 7	4 16.65	+14 16.1	0.994	1.952	10.6	20.0
11 17	4 9.39	+13 20.8	0.975	1.955	5.6	19.7
11 27	4 1.06	+12 33.0	0.979	1.960	4.5	19.7
12 7	3 53.31	+11 59.4	1.006	1.967	9.0	20.0
12 17	3 47.58	+11 44.1	1.056	1.975	13.9	20.3
12 27	3 44.86	+11 48.5	1.125	1.986	18.3	20.6

319494 2006 QC_{49} 11 24.9 89°.64 1°.6/24.4 18

10 18	4 37.01	+17 16.2	1.446	2.259	18.4	20.5
10 28	4 31.53	+17 13.0	1.387	2.277	14.3	20.3
11 7	4 22.92	+17 7.3	1.348	2.295	9.5	20.1
11 17	4 12.07	+17 0.1	1.333	2.313	4.4	19.8
11 27	4 0.36	+16 53.4	1.346	2.330	2.1	19.7
12 7	3 49.34	+16 49.8	1.386	2.348	6.8	20.1
12 17	3 40.34	+16 52.1	1.453	2.365	11.5	20.4
12 27	3 34.26	+17 2.6	1.543	2.381	15.4	20.7

42057 2000 YW_{114} 11 24.9 67°.74 5°.5/23.4 18

10 18	4 32.93	+ 6 34.9	1.681	2.489	16.4	19.2
10 28	4 27.99	+ 6 19.2	1.613	2.495	13.1	19.0
11 7	4 20.42	+ 6 10.4	1.566	2.502	9.5	18.8
11 17	4 10.94	+ 6 12.2	1.544	2.509	6.3	18.6
11 27	4 0.64	+ 6 27.3	1.549	2.515	5.8	18.6
12 7	3 50.77	+ 6 57.0	1.582	2.522	8.4	18.8
12 17	3 42.44	+ 7 40.8	1.641	2.529	11.9	19.0
12 27	3 36.51	+ 8 37.0	1.723	2.536	15.2	19.2

278162 2007 DN_{35} 11 24.9 345°.12 5°.1/22.9 18

10 18	4 29.09	+12 23.5	1.363	2.195	18.2	20.4
10 28	4 25.73	+11 29.5	1.291	2.191	14.4	20.2
11 7	4 19.31	+10 34.5	1.239	2.188	10.0	19.9
11 17	4 10.56	+ 9 43.7	1.211	2.185	6.1	19.7
11 27	4 0.74	+ 9 3.4	1.208	2.182	5.6	19.7
12 7	3 51.35	+ 8 38.9	1.230	2.180	9.2	19.9
12 17	3 43.73	+ 8 33.3	1.277	2.178	13.6	20.1
12 27	3 38.89	+ 8 47.1	1.344	2.177	17.6	20.4

12722 Petrarca 11 24.9 194°.77 1°.6/24.2 18

10 18	4 33.86	+18 39.2	1.845	2.646	15.4	19.0
10 28	4 28.71	+18 10.4	1.760	2.644	12.1	18.8
11 7	4 20.94	+17 36.4	1.697	2.642	8.1	18.5
11 17	4 11.20	+16 58.7	1.660	2.639	3.7	18.3
11 27	4 0.57	+16 20.4	1.651	2.635	2.0	18.1
12 7	3 50.27	+15 45.5	1.672	2.631	6.2	18.4
12 17	3 41.46	+15 17.8	1.721	2.626	10.4	18.6
12 27	3 35.01	+15 0.5	1.794	2.621	14.1	18.9

293535 2007 GK_{71} 11 24.9 191°.42 1°.6/23.9 17

10 18	4 27.83	+17 7.3	2.737	3.529	11.2	21.8
10 28	4 23.15	+16 36.1	2.648	3.527	8.7	21.6
11 7	4 16.79	+16 1.8	2.583	3.526	5.8	21.5
11 17	4 9.22	+15 26.2	2.546	3.523	2.8	21.3
11 27	4 1.12	+14 51.5	2.539	3.521	1.9	21.2
12 7	3 53.24	+14 20.5	2.563	3.518	4.6	21.4
12 17	3 46.28	+13 55.4	2.617	3.515	7.6	21.6
12 27	3 40.83	+13 38.2	2.697	3.511	10.3	21.7

312314 2008 CB_{85} 11 24.9 352°.49 3°.0/23.9 17

10 18	4 25.53	+15 41.7	1.351	2.190	18.0	20.1
10 28	4 23.10	+15 16.6	1.277	2.182	14.1	19.8
11 7	4 17.64	+14 48.9	1.222	2.176	9.5	19.6
11 17	4 9.84	+14 21.8	1.191	2.170	4.8	19.3
11 27	4 0.93	+13 59.4	1.184	2.166	3.4	19.2
12 7	3 52.39	+13 45.9	1.203	2.164	7.8	19.4
12 17	3 45.56	+13 44.3	1.246	2.162	12.5	19.7
12 27	3 41.47	+13 56.5	1.310	2.163	16.8	20.0

369433 2009 XU_{11} 11 24.9 154°.34 0°.3/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 29.11	+22 42.3	2.716	3.499	11.5	21.7
10 28	4 24.19	+22 34.4	2.631	3.504	8.9	21.5
11 7	4 17.50	+22 21.4	2.570	3.510	6.0	21.3
11 17	4 9.54	+22 3.4	2.537	3.515	2.7	21.1
11 27	4 1.04	+21 41.6	2.534	3.520	0.7	21.0
12 7	3 52.79	+21 18.2	2.561	3.524	4.0	21.2
12 17	3 45.54	+20 55.5	2.619	3.528	7.1	21.5
12 27	3 39.89	+20 36.2	2.704	3.532	9.9	21.6

147213 2002 WX_{13} 11 24.9 117°.50 3°.6/23.7 18

10 18	4 34.46	+12 39.4	1.654	2.463	16.6	19.9
10 28	4 29.22	+12 17.8	1.586	2.473	13.0	19.7
11 7	4 21.26	+11 57.2	1.540	2.483	8.9	19.5
11 17	4 11.32	+11 40.3	1.519	2.493	4.9	19.3
11 27	4 0.57	+11 30.2	1.526	2.503	3.9	19.3
12 7	3 50.32	+11 29.5	1.561	2.513	7.3	19.5
12 17	3 41.73	+11 39.8	1.622	2.522	11.3	19.8
12 27	3 35.64	+12 1.7	1.707	2.530	14.9	20.0

9468 Brewer 11 24.9 49°.10 5°.8/22.4 18

10 18	4 30.63	+12 55.4	1.258	2.093	19.3	17.6
10 28	4 26.80	+11 26.8	1.205	2.106	15.1	17.4
11 7	4 19.84	+ 9 56.1	1.172	2.120	10.5	17.1
11 17	4 10.69	+ 8 31.2	1.163	2.134	6.6	17.0
11 27	4 0.76	+ 7 20.5	1.179	2.149	6.4	17.0
12 7	3 51.59	+ 6 30.7	1.220	2.164	9.9	17.3
12 17	3 44.43	+ 6 5.2	1.285	2.180	14.1	17.5
12 27	3 40.13	+ 6 3.9	1.370	2.195	17.8	17.8

199841 2007 EC_{47} 11 24.9 180°.56 1°.1/25.4 18

10 18	4 34.51	+24 41.1	1.994	2.781	14.9	21.5
10 28	4 29.15	+24 40.8	1.908	2.782	11.8	21.2
11 7	4 21.20	+24 32.4	1.844	2.783	8.0	21.0
11 17	4 11.32	+24 15.5	1.806	2.783	3.9	20.8
11 27	4 0.56	+23 50.6	1.797	2.783	1.3	20.6
12 7	3 50.14	+23 20.7	1.818	2.782	5.2	20.9
12 17	3 41.17	+22 49.8	1.868	2.780	9.3	21.1
12 27	3 34.53	+22 22.3	1.943	2.778	12.8	21.3

63512 2001 OZ_{95} 11 24.9 307°.30 5°.1/26.8 18

10 18	4 34.04	+32 33.5	1.529	2.319	18.6	18.8
10 28	4 29.98	+33 1.9	1.445	2.313	15.2	18.6
11 7	4 22.41	+33 15.4	1.381	2.308	11.3	18.3
11 17	4 12.07	+33 9.8	1.339	2.303	7.2	18.1
11 27	4 0.35	+32 43.0	1.323	2.298	5.1	17.9
12 7	3 49.02	+31 57.9	1.334	2.293	7.4	18.1
12 17	3 39.70	+31 1.1	1.371	2.289	11.5	18.3
12 27	3 33.57	+30 1.7	1.430	2.284	15.5	18.5

517434 2014 NF_{68} 11 24.9 161°.64 1°.7/24.0 18

10 18	4 29.56	+17 36.2	2.190	2.990	13.3	22.2
10 28	4 24.90	+17 7.1	2.108	2.992	10.4	22.0
11 7	4 18.15	+16 34.3	2.050	2.995	6.9	21.8
11 17	4 9.89	+15 59.8	2.018	2.997	3.3	21.5
11 27	4 0.97	+15 26.1	2.016	2.999	2.0	21.4
12 7	3 52.36	+14 56.5	2.043	3.000	5.4	21.7
12 17	3 44.95	+14 33.8	2.099	3.001	9.0	21.9
12 27	3 39.42	+14 20.3	2.180	3.003	12.1	22.1

510570 2012 QW_{29} 11 24.9 174°.66 4°.1/26.6 18

10 18	4 36.31	+31 22.1	1.780	2.557	16.8	21.4
10 28	4 31.12	+31 47.2	1.696	2.558	13.6	21.2
11 7	4 22.83	+31 59.8	1.634	2.560	9.9	21.0
11 17	4 12.16	+31 56.4	1.596	2.560	6.1	20.7
11 27	4 0.37	+31 35.8	1.585	2.561	4.1	20.6
12 7	3 48.98	+31 0.3	1.603	2.561	6.4	20.8
12 17	3 39.37	+30 15.4	1.647	2.561	10.2	21.0
12 27	3 32.58	+29 28.2	1.717	2.560	13.9	21.2

128250 2003 SB_{238} 11 24.9 83°.54 3°.7/27.1 18

10 18	4 31.25	+33 29.9	2.267	3.030	14.0	19.7
10 28	4 26.40	+33 32.5	2.187	3.039	11.4	19.5
11 7	4 19.22	+33 22.3	2.129	3.048	8.4	19.3
11 17	4 10.38	+32 57.6	2.097	3.058	5.3	19.2
11 27	4 0.88	+32 18.7	2.094	3.067	3.7	19.1
12 7	3 51.80	+31 28.5	2.119	3.076	5.3	19.2
12 17	3 44.11	+30 31.8	2.174	3.086	8.2	19.4
12 27	3 38.56	+29 34.2	2.254	3.095	11.1	19.6

159836 2003 UB_{139} 11 24.9 68°.54 5°.3/22.2 18

10 18	4 27.15	+ 6 10.1	2.236	3.037	13.1	19.9
10 28	4 22.88	+ 5 23.3	2.166	3.043	10.4	19.8
11 7	4 16.72	+ 4 40.7	2.118	3.048	7.7	19.6
11 17	4 9.23	+ 4 6.3	2.098	3.054	5.7	19.5
11 27	4 1.19	+ 3 43.7	2.105	3.060	5.6	19.5
12 7	3 53.46	+ 3 35.3	2.141	3.066	7.6	19.6
12 17	3 46.81	+ 3 42.1	2.203	3.072	10.2	19.8
12 27	3 41.88	+ 4 3.5	2.289	3.078	12.7	20.0

449750 2014 OO_{17} 11 24.9 352°.21 3°.7/26.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 29.64	+31 48.1	1.750	2.539	16.6	20.9
10 28	4 25.94	+31 50.7	1.666	2.536	13.4	20.7
11 7	4 19.34	+31 38.8	1.603	2.533	9.7	20.5
11 17	4 10.58	+31 10.2	1.564	2.531	5.9	20.3
11 27	4 0.82	+30 25.2	1.551	2.529	3.7	20.1
12 7	3 51.47	+29 27.7	1.566	2.528	6.1	20.3
12 17	3 43.78	+28 23.8	1.607	2.527	10.0	20.5
12 27	3 38.70	+27 21.0	1.673	2.527	13.6	20.7

341991 2008 RB_{4} 11 24.9 224°.38 0°.9/25.3 18

10 18	4 33.59	+24 24.4	1.897	2.689	15.4	21.5
10 28	4 28.68	+24 19.2	1.804	2.682	12.1	21.3
11 7	4 21.05	+24 5.6	1.734	2.675	8.3	21.0
11 17	4 11.34	+23 43.0	1.689	2.666	4.0	20.7
11 27	4 0.61	+23 12.5	1.672	2.658	1.2	20.5
12 7	3 50.16	+22 37.2	1.685	2.649	5.5	20.8
12 17	3 41.17	+22 1.6	1.726	2.640	9.8	21.0
12 27	3 34.59	+21 30.5	1.792	2.630	13.6	21.2

127067 2002 GM_{56} 11 24.9 297°.67 4°.4/26.9 18

10 18	4 32.16	+33 28.1	2.197	2.961	14.4	19.7
10 28	4 27.40	+33 57.6	2.109	2.960	11.8	19.5
11 7	4 20.11	+34 15.5	2.042	2.959	8.8	19.3
11 17	4 10.88	+34 19.0	2.001	2.958	5.9	19.1
11 27	4 0.74	+34 6.7	1.988	2.957	4.4	19.0
12 7	3 50.88	+33 40.3	2.003	2.956	5.9	19.1
12 17	3 42.40	+33 3.6	2.046	2.955	8.8	19.3
12 27	3 36.18	+32 22.2	2.115	2.954	11.8	19.5

324756 2007 FQ_{49} 11 24.9 230°.39 3°.5/23.2 18

10 18	4 29.49	+ 8 43.9	2.706	3.493	11.4	21.2
10 28	4 24.51	+ 8 27.6	2.609	3.482	9.0	21.0
11 7	4 17.77	+ 8 14.1	2.537	3.470	6.4	20.8
11 17	4 9.73	+ 8 5.4	2.493	3.458	4.1	20.7
11 27	4 1.05	+ 8 3.7	2.478	3.446	3.8	20.6
12 7	3 52.51	+ 8 10.6	2.495	3.433	5.9	20.7
12 17	3 44.83	+ 8 26.8	2.540	3.420	8.6	20.9
12 27	3 38.65	+ 8 52.7	2.611	3.406	11.1	21.0

162325 1999 XC_{50} 11 24.9 350°.80 0°.1/24.9 18

10 18	4 28.77	+21 57.3	1.468	2.290	17.6	20.1
10 28	4 25.52	+21 45.2	1.390	2.286	13.8	19.8
11 7	4 19.21	+21 24.9	1.332	2.282	9.3	19.5
11 17	4 10.57	+20 57.3	1.298	2.279	4.2	19.2
11 27	4 0.83	+20 24.7	1.290	2.276	1.2	19.0
12 7	3 51.47	+19 51.5	1.309	2.275	6.5	19.4
12 17	3 43.87	+19 22.4	1.353	2.274	11.4	19.6
12 27	3 39.02	+19 2.2	1.419	2.273	15.6	19.9

412485 2014 JW_{2} 11 24.9 201°.84 2°.1/23.9 18

10 18	4 31.09	+16 22.6	2.151	2.949	13.6	21.8
10 28	4 26.20	+15 52.8	2.063	2.946	10.6	21.6
11 7	4 19.10	+15 20.0	1.998	2.942	7.1	21.4
11 17	4 10.38	+14 46.2	1.961	2.938	3.5	21.1
11 27	4 0.91	+14 14.2	1.953	2.934	2.5	21.1
12 7	3 51.71	+13 47.1	1.974	2.929	5.8	21.3
12 17	3 43.72	+13 27.9	2.024	2.923	9.4	21.5
12 27	3 37.68	+13 18.7	2.099	2.918	12.6	21.7

313422 2002 QK_{48} 11 24.9 178°.45 6°.7/20.3 18

10 18	4 26.95	− 5 52.0	3.292	4.046	10.3	22.1
10 28	4 22.11	− 6 42.9	3.221	4.048	8.8	22.0
11 7	4 15.93	− 7 25.1	3.174	4.049	7.4	21.9
11 17	4 8.83	− 7 55.2	3.154	4.050	6.7	21.8
11 27	4 1.34	− 8 10.4	3.161	4.050	6.9	21.8
12 7	3 54.04	− 8 9.2	3.197	4.050	7.9	21.9
12 17	3 47.48	− 7 51.5	3.258	4.049	9.3	22.0
12 27	3 42.12	− 7 18.8	3.344	4.047	10.7	22.1

481890 2009 AW_{26} 11 24.9 349°.00 1°.5/25.4 16

10 18	4 25.30	+25 6.0	1.206	2.044	19.8	21.1
10 28	4 23.60	+25 2.9	1.130	2.033	15.7	20.8
11 7	4 18.37	+24 47.4	1.073	2.024	10.8	20.5
11 17	4 10.33	+24 18.8	1.036	2.016	5.3	20.1
11 27	4 0.92	+23 39.1	1.024	2.010	1.8	19.9
12 7	3 51.90	+22 53.6	1.036	2.005	7.1	20.2
12 17	3 44.90	+22 9.2	1.071	2.001	12.6	20.5
12 27	3 41.13	+21 33.0	1.128	2.000	17.4	20.8

380363 2002 TJ_{118} 11 24.9 6°.77 5°.1/26.8 18

10 18	4 16.39	+30 28.2	0.741	1.616	25.1	19.2
10 28	4 18.15	+30 49.7	0.696	1.616	20.3	18.9
11 7	4 15.39	+30 46.6	0.665	1.620	14.7	18.6
11 17	4 9.10	+30 16.0	0.650	1.626	8.7	18.3
11 27	4 1.29	+29 20.1	0.654	1.637	5.1	18.2
12 7	3 54.37	+28 8.2	0.678	1.650	8.8	18.4
12 17	3 50.27	+26 52.8	0.721	1.667	14.4	18.8
12 27	3 50.11	+25 45.6	0.783	1.686	19.5	19.2

25342 1999 RQ_{42} 11 24.9 344°.51 9°.3/20.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 25.39	+ 4 24.5	1.383	2.216	18.0	17.0
10 28	4 22.77	+ 2 45.8	1.315	2.207	14.7	16.7
11 7	4 17.31	+ 1 11.9	1.267	2.199	11.6	16.5
11 17	4 9.71	− 0 7.9	1.242	2.192	9.5	16.4
11 27	4 1.12	− 1 4.4	1.241	2.187	9.9	16.4
12 7	3 52.92	− 1 31.6	1.264	2.182	12.4	16.5
12 17	3 46.31	− 1 27.8	1.309	2.177	15.8	16.7
12 27	3 42.25	− 0 55.3	1.374	2.174	19.0	16.9

235387 2003 WC_{96} 11 24.9 357°.17 0°.0/24.9 18

10 18	4 27.13	+21 8.5	1.752	2.567	15.5	20.2
10 28	4 23.76	+21 10.6	1.672	2.563	12.2	20.0
11 7	4 17.80	+21 7.6	1.613	2.561	8.2	19.8
11 17	4 9.90	+20 59.5	1.579	2.559	3.7	19.5
11 27	4 1.08	+20 47.8	1.572	2.558	1.0	19.3
12 7	3 52.57	+20 35.0	1.593	2.558	5.6	19.6
12 17	3 45.48	+20 24.2	1.640	2.559	9.9	19.9
12 27	3 40.70	+20 18.6	1.711	2.560	13.6	20.1

32630 Ethanlevy 11 24.9 232°.28 3°.8/26.4 18

10 18	4 35.20	+30 33.6	1.781	2.562	16.6	19.4
10 28	4 30.36	+30 55.1	1.691	2.556	13.5	19.2
11 7	4 22.43	+31 4.7	1.621	2.549	9.8	18.9
11 17	4 12.07	+30 59.1	1.576	2.543	5.9	18.7
11 27	4 0.50	+30 37.2	1.558	2.535	3.8	18.5
12 7	3 49.22	+30 1.2	1.568	2.528	6.4	18.7
12 17	3 39.64	+29 16.5	1.605	2.520	10.3	18.9
12 27	3 32.82	+28 29.9	1.667	2.512	14.1	19.1

40970 1999 TK_{261} 11 24.9 144°.68 0°.1/24.9 18

10 18	4 41.45	+16 31.3	1.958	2.740	15.3	18.7
10 28	4 34.63	+17 30.8	1.872	2.745	12.0	18.5
11 7	4 24.98	+18 32.9	1.810	2.750	8.1	18.3
11 17	4 13.15	+19 35.1	1.776	2.754	3.7	18.0
11 27	4 0.22	+20 35.2	1.773	2.759	1.0	17.8
12 7	3 47.50	+21 31.5	1.802	2.763	5.5	18.1
12 17	3 36.25	+22 23.7	1.860	2.767	9.7	18.4
12 27	3 27.47	+23 13.2	1.946	2.770	13.3	18.6

365325 2009 SD_{131} 11 24.9 83°.76 2°.5/23.6 18

10 18	4 29.52	+14 55.2	2.246	3.045	13.1	21.6
10 28	4 24.64	+14 21.0	2.182	3.066	10.1	21.5
11 7	4 17.84	+13 45.5	2.143	3.086	6.8	21.3
11 17	4 9.74	+13 11.1	2.131	3.107	3.5	21.1
11 27	4 1.17	+12 40.7	2.148	3.127	2.8	21.1
12 7	3 53.03	+12 17.0	2.195	3.147	5.6	21.3
12 17	3 46.08	+12 2.0	2.271	3.167	8.7	21.6
12 27	3 40.94	+11 57.1	2.371	3.186	11.5	21.8

411486 2011 AO_{45} 11 24.9 7°.59 8°.4/21.9 18

10 18	4 27.28	− 0 34.6	1.815	2.618	15.6	20.1
10 28	4 23.45	− 1 23.6	1.750	2.619	12.9	20.0
11 7	4 17.36	− 2 1.5	1.706	2.620	10.4	19.8
11 17	4 9.62	− 2 22.9	1.686	2.623	8.6	19.7
11 27	4 1.19	− 2 23.0	1.692	2.626	8.7	19.7
12 7	3 53.11	− 2 0.2	1.723	2.629	10.4	19.8
12 17	3 46.34	− 1 15.3	1.779	2.633	13.0	20.0
12 27	3 41.61	− 0 11.4	1.856	2.638	15.5	20.2

479381 2013 YR_{3} 11 24.9 14°.19 2°.8/24.1 18

10 18	4 26.46	+17 8.0	0.961	1.821	21.9	20.0
10 28	4 24.70	+16 43.5	0.909	1.826	17.1	19.7
11 7	4 19.10	+16 14.9	0.874	1.832	11.5	19.4
11 17	4 10.61	+15 45.6	0.860	1.841	5.5	19.1
11 27	4 0.93	+15 20.8	0.867	1.851	3.4	19.1
12 7	3 52.02	+15 5.7	0.898	1.863	8.7	19.4
12 17	3 45.50	+15 3.8	0.950	1.877	14.3	19.8
12 27	3 42.43	+15 17.1	1.022	1.892	19.0	20.1

201948 2004 HK_{70} 11 24.9 346°.67 0°.3/24.8 17

10 18	4 30.08	+20 40.8	1.853	2.659	15.2	21.3
10 28	4 25.88	+20 34.1	1.770	2.657	11.9	21.1
11 7	4 19.14	+20 22.1	1.710	2.656	7.9	20.8
11 17	4 10.49	+20 5.3	1.674	2.654	3.6	20.6
11 27	4 0.97	+19 45.5	1.667	2.653	1.1	20.4
12 7	3 51.77	+19 25.6	1.689	2.652	5.6	20.7
12 17	3 43.96	+19 8.7	1.738	2.652	9.7	21.0
12 27	3 38.43	+18 58.2	1.811	2.651	13.4	21.2

45660 2000 EU_{84} 11 24.9 18°.57 2°.1/23.7 18 R

10 18	4 27.03	+17 9.4	2.140	2.947	13.4	18.4
10 28	4 23.02	+16 25.6	2.061	2.949	10.4	18.2
11 7	4 16.97	+15 37.7	2.004	2.950	6.9	18.0
11 17	4 9.44	+14 48.4	1.974	2.952	3.4	17.8
11 27	4 1.30	+14 1.2	1.974	2.955	2.5	17.7
12 7	3 53.47	+13 19.9	2.002	2.957	5.7	17.9
12 17	3 46.80	+12 47.7	2.058	2.960	9.2	18.1
12 27	3 41.99	+12 27.0	2.139	2.962	12.3	18.3

101477 1998 WO_{25} 11 24.9 105°.64 1°.4/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 31.50	+25 1.4	2.415	3.195	12.8	19.7
10 28	4 26.36	+25 18.7	2.336	3.206	10.1	19.5
11 7	4 19.14	+25 29.9	2.280	3.216	6.9	19.3
11 17	4 10.42	+25 34.1	2.252	3.227	3.5	19.1
11 27	4 1.04	+25 31.4	2.253	3.237	1.5	19.0
12 7	3 51.97	+25 23.2	2.284	3.247	4.4	19.2
12 17	3 44.06	+25 12.1	2.345	3.257	7.7	19.5
12 27	3 38.03	+25 1.1	2.432	3.267	10.6	19.7

480176 2015 FK_{317} 11 24.9 157°.85 2°.2/24.0 18

10 18	4 34.81	+15 54.0	1.951	2.748	14.8	22.4
10 28	4 29.22	+15 33.6	1.873	2.755	11.6	22.2
11 7	4 21.19	+15 11.1	1.819	2.762	7.8	22.0
11 17	4 11.37	+14 48.3	1.790	2.768	3.8	21.7
11 27	4 0.80	+14 27.8	1.791	2.773	2.5	21.7
12 7	3 50.61	+14 12.3	1.822	2.778	6.1	21.9
12 17	3 41.86	+14 4.3	1.881	2.782	9.9	22.1
12 27	3 35.32	+14 5.8	1.965	2.785	13.3	22.4

209257 2003 WY_{158} 11 24.9 6°.91 0°.1/24.9 18

10 18	4 30.27	+21 36.0	1.518	2.336	17.4	20.7
10 28	4 26.58	+21 35.9	1.443	2.336	13.6	20.4
11 7	4 19.89	+21 29.4	1.389	2.337	9.2	20.2
11 17	4 10.92	+21 16.6	1.358	2.338	4.2	19.9
11 27	4 0.91	+20 58.9	1.354	2.340	1.1	19.7
12 7	3 51.30	+20 39.6	1.377	2.343	6.2	20.0
12 17	3 43.43	+20 22.7	1.426	2.346	11.0	20.3
12 27	3 38.27	+20 12.3	1.498	2.350	15.1	20.6

185374 2006 VP_{129} 11 24.9 22°.27 3°.4/25.9 18

10 18	4 31.68	+26 50.6	1.095	1.927	21.7	19.4
10 28	4 28.81	+27 21.9	1.037	1.934	17.3	19.1
11 7	4 21.92	+27 40.7	0.996	1.943	12.1	18.9
11 17	4 11.96	+27 43.7	0.977	1.953	6.6	18.6
11 27	4 0.65	+27 30.4	0.980	1.963	3.5	18.5
12 7	3 50.08	+27 4.4	1.008	1.975	7.6	18.7
12 17	3 42.03	+26 32.7	1.059	1.988	12.8	19.1
12 27	3 37.65	+26 3.2	1.131	2.002	17.4	19.4

440774 2006 HO_{59} 11 24.9 151°.98 11°.4/19.2 18

10 18	4 33.15	−18 55.7	2.599	3.296	14.0	22.1
10 28	4 27.19	−20 5.9	2.552	3.307	12.8	22.0
11 7	4 19.44	−20 57.7	2.526	3.317	11.8	21.9
11 17	4 10.47	−21 25.5	2.522	3.327	11.4	21.9
11 27	4 1.06	−21 25.7	2.542	3.336	11.6	22.0
12 7	3 52.03	−20 57.5	2.586	3.344	12.3	22.0
12 17	3 44.13	−20 3.0	2.651	3.351	13.3	22.1
12 27	3 37.94	−18 46.1	2.736	3.358	14.4	22.2

438806 2008 YR_{86} 11 24.9 42°.21 7°.9/23.7 18

10 18	4 34.26	+ 1 53.3	1.379	2.192	19.1	19.8
10 28	4 29.34	+ 1 39.1	1.329	2.209	15.5	19.6
11 7	4 21.46	+ 1 38.6	1.298	2.227	11.7	19.4
11 17	4 11.51	+ 1 56.4	1.291	2.246	8.6	19.3
11 27	4 0.80	+ 2 35.3	1.308	2.265	8.0	19.3
12 7	3 50.78	+ 3 34.5	1.352	2.285	10.3	19.5
12 17	3 42.68	+ 4 50.8	1.420	2.305	13.7	19.8
12 27	3 37.32	+ 6 19.9	1.511	2.326	16.9	20.0

407597 2011 AQ_{79} 11 24.9 42°.03 4°.2/27.2 17

10 18	4 31.15	+33 53.8	2.083	2.851	15.0	20.7
10 28	4 26.66	+34 7.1	2.003	2.857	12.2	20.5
11 7	4 19.61	+34 7.0	1.944	2.863	9.1	20.3
11 17	4 10.70	+33 51.1	1.910	2.869	5.9	20.2
11 27	4 0.99	+33 19.1	1.904	2.875	4.2	20.1
12 7	3 51.68	+32 33.9	1.926	2.882	5.8	20.2
12 17	3 43.87	+31 40.3	1.976	2.889	8.8	20.4
12 27	3 38.38	+30 44.5	2.051	2.895	11.9	20.6

49345 1998 WH_{4} 11 24.9 348°.75 0°.5/24.8 18

10 18	4 30.86	+19 43.5	1.714	2.525	16.0	17.5
10 28	4 26.71	+19 45.1	1.633	2.522	12.5	17.3
11 7	4 19.83	+19 42.6	1.574	2.521	8.4	17.1
11 17	4 10.87	+19 36.3	1.539	2.519	3.8	16.8
11 27	4 0.93	+19 27.6	1.532	2.518	1.2	16.6
12 7	3 51.30	+19 18.9	1.553	2.517	5.9	16.9
12 17	3 43.19	+19 13.2	1.600	2.516	10.3	17.2
12 27	3 37.52	+19 13.4	1.672	2.515	14.2	17.4

510558 2012 MS_{13} 11 24.9 183°.20 0°.7/24.6 18

10 18	4 35.45	+19 40.4	1.901	2.696	15.3	22.5
10 28	4 29.96	+19 30.1	1.817	2.697	11.9	22.3
11 7	4 21.83	+19 15.1	1.754	2.697	8.0	22.0
11 17	4 11.73	+18 55.9	1.718	2.697	3.6	21.8
11 27	4 0.72	+18 34.2	1.710	2.696	1.3	21.6
12 7	3 50.04	+18 13.1	1.733	2.694	5.7	21.9
12 17	3 40.84	+17 55.7	1.783	2.691	9.9	22.2
12 27	3 33.99	+17 45.5	1.859	2.688	13.6	22.4

403124 2008 DV_{56} 11 24.9 282°.62 3°.0/23.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 31.78	+11 56.1	1.985	2.787	14.4	21.1
10 28	4 27.11	+11 56.5	1.889	2.772	11.4	20.9
11 7	4 19.99	+11 59.4	1.815	2.757	7.9	20.7
11 17	4 10.95	+12 6.6	1.767	2.742	4.3	20.4
11 27	4 0.91	+12 19.8	1.748	2.726	3.3	20.3
12 7	3 50.98	+12 40.3	1.758	2.711	6.5	20.5
12 17	3 42.23	+13 9.0	1.795	2.696	10.4	20.7
12 27	3 35.58	+13 46.3	1.858	2.681	13.9	20.9

367 Amicitia 11 24.9 291°.60 0°.9/24.7 18 A

10 18	4 33.01	+19 22.2	1.370	2.192	18.7	14.0
10 28	4 29.23	+19 18.6	1.285	2.181	14.7	13.8
11 7	4 22.02	+19 10.1	1.220	2.170	10.0	13.5
11 17	4 12.05	+18 57.2	1.179	2.159	4.6	13.1
11 27	4 0.62	+18 41.8	1.163	2.148	1.6	12.9
12 7	3 49.45	+18 27.2	1.173	2.137	7.3	13.2
12 17	3 40.13	+18 17.6	1.208	2.127	12.6	13.5
12 27	3 33.91	+18 17.0	1.265	2.117	17.3	13.8

79669 1998 SV_{38} 11 24.9 16°.57 4°.6/23.2 18

10 18	4 29.26	+14 21.0	1.265	2.102	19.1	18.5
10 28	4 26.04	+13 21.8	1.201	2.105	14.9	18.2
11 7	4 19.62	+12 19.4	1.157	2.108	10.3	18.0
11 17	4 10.81	+11 19.4	1.136	2.112	5.8	17.8
11 27	4 1.00	+10 28.5	1.139	2.116	5.1	17.7
12 7	3 51.76	+ 9 52.8	1.168	2.122	9.0	18.0
12 17	3 44.45	+ 9 36.1	1.221	2.128	13.6	18.3
12 27	3 40.05	+ 9 39.5	1.294	2.134	17.7	18.5

460483 2014 SY_{291} 11 24.9 44°.95 1°.0/24.5 16

10 18	4 28.59	+19 55.6	1.932	2.740	14.6	21.3
10 28	4 24.40	+19 28.9	1.865	2.753	11.3	21.2
11 7	4 17.95	+18 57.0	1.820	2.767	7.5	21.0
11 17	4 9.91	+18 21.5	1.802	2.782	3.4	20.7
11 27	4 1.26	+17 45.3	1.811	2.796	1.5	20.6
12 7	3 53.06	+17 11.9	1.850	2.811	5.4	20.9
12 17	3 46.24	+16 44.7	1.916	2.827	9.2	21.2
12 27	3 41.49	+16 26.4	2.006	2.842	12.5	21.4

1209 Pumma 11 24.9 147°.37 1°.3/24.3 18

10 18	4 28.77	+16 50.5	2.717	3.507	11.3	16.2
10 28	4 23.93	+16 41.2	2.635	3.513	8.8	16.0
11 7	4 17.38	+16 30.2	2.577	3.519	5.8	15.9
11 17	4 9.63	+16 18.5	2.546	3.525	2.8	15.7
11 27	4 1.34	+16 7.5	2.546	3.530	1.6	15.6
12 7	3 53.29	+15 59.0	2.577	3.535	4.4	15.8
12 17	3 46.19	+15 54.5	2.638	3.540	7.4	16.0
12 27	3 40.60	+15 55.7	2.725	3.544	10.0	16.2

124528 2001 RX_{86} 11 24.9 0°.45 1°.6/25.4 18

10 18	4 28.05	+24 20.3	1.152	1.990	20.5	19.5
10 28	4 25.85	+24 29.4	1.084	1.987	16.2	19.2
11 7	4 19.94	+24 28.0	1.034	1.985	11.1	19.0
11 17	4 11.13	+24 14.8	1.005	1.985	5.4	18.6
11 27	4 0.94	+23 51.2	1.000	1.985	1.8	18.4
12 7	3 51.27	+23 21.4	1.019	1.988	7.2	18.8
12 17	3 43.79	+22 51.5	1.061	1.991	12.7	19.1
12 27	3 39.69	+22 28.1	1.125	1.996	17.5	19.4

483393 1994 SQ_6 11 24.9 63°.87 1°.3/24.4 18

10 18	4 29.68	+18 24.8	2.004	2.808	14.2	21.5
10 28	4 25.18	+18 5.7	1.934	2.820	11.0	21.3
11 7	4 18.47	+17 42.9	1.886	2.832	7.3	21.1
11 17	4 10.17	+17 17.9	1.865	2.844	3.4	20.9
11 27	4 1.23	+16 53.2	1.872	2.856	1.7	20.8
12 7	3 52.71	+16 31.5	1.908	2.868	5.4	21.0
12 17	3 45.50	+16 15.7	1.972	2.881	9.1	21.3
12 27	3 40.34	+16 8.0	2.061	2.893	12.3	21.5

448347 2009 FZ_{62} 11 24.9 325°.04 6°.8/26.9 18

10 18	4 35.69	+34 45.1	1.735	2.506	17.4	20.9
10 28	4 31.26	+35 58.8	1.648	2.499	14.5	20.7
11 7	4 23.42	+37 1.1	1.581	2.492	11.3	20.5
11 17	4 12.75	+37 45.8	1.537	2.486	8.2	20.3
11 27	4 0.54	+38 8.1	1.520	2.480	6.8	20.2
12 7	3 48.46	+38 7.2	1.529	2.474	8.2	20.3
12 17	3 38.16	+37 47.0	1.564	2.468	11.4	20.4
12 27	3 30.92	+37 15.2	1.623	2.463	14.7	20.6

268204 2005 AG_{74} 11 24.9 61°.84 4°.2/23.1 18

10 18	4 28.11	+ 8 43.9	2.248	3.049	13.0	20.8
10 28	4 23.70	+ 8 16.5	2.175	3.056	10.3	20.7
11 7	4 17.37	+ 7 52.3	2.126	3.062	7.3	20.5
11 17	4 9.67	+ 7 34.2	2.103	3.069	4.8	20.4
11 27	4 1.40	+ 7 24.9	2.109	3.076	4.4	20.4
12 7	3 53.43	+ 7 26.4	2.144	3.083	6.6	20.5
12 17	3 46.55	+ 7 39.5	2.206	3.090	9.5	20.7
12 27	3 41.41	+ 8 4.1	2.293	3.097	12.2	20.9

265436 2004 VL_{86} 11 24.9 261°.52 0°.3/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 28.48	+21 35.6	2.432	3.223	12.4	21.1
10 28	4 24.13	+21 14.1	2.332	3.211	9.7	20.9
11 7	4 17.77	+20 46.7	2.255	3.198	6.5	20.7
11 17	4 9.92	+20 14.0	2.205	3.185	2.9	20.4
11 27	4 1.34	+19 38.1	2.186	3.171	0.9	20.2
12 7	3 52.94	+19 1.8	2.196	3.158	4.6	20.5
12 17	3 45.56	+18 28.3	2.235	3.144	8.1	20.7
12 27	3 39.91	+18 0.9	2.301	3.131	11.3	20.9

225231 2009 HE_{12} 11 24.9 192°.21 3°.9/23.8 18

10 18	4 34.69	+12 58.0	1.476	2.293	17.9	20.9
10 28	4 29.99	+12 33.3	1.401	2.292	14.1	20.6
11 7	4 22.20	+12 9.1	1.346	2.292	9.7	20.4
11 17	4 12.05	+11 48.5	1.315	2.291	5.3	20.1
11 27	4 0.80	+11 35.1	1.311	2.290	4.2	20.1
12 7	3 49.95	+11 32.3	1.335	2.288	8.1	20.3
12 17	3 40.87	+11 42.2	1.383	2.287	12.6	20.5
12 27	3 34.58	+12 5.6	1.454	2.285	16.6	20.8

24072 1999 TL_{192} 11 24.9 248°.39 4°.7/27.1 18

10 18	4 34.97	+33 57.2	2.067	2.828	15.3	18.8
10 28	4 29.99	+34 22.6	1.966	2.815	12.6	18.6
11 7	4 22.15	+34 35.4	1.887	2.802	9.5	18.3
11 17	4 12.05	+34 32.0	1.832	2.788	6.3	18.1
11 27	4 0.78	+34 10.6	1.804	2.774	4.7	18.0
12 7	3 49.69	+33 32.8	1.806	2.759	6.4	18.1
12 17	3 40.07	+32 43.0	1.835	2.744	9.6	18.2
12 27	3 32.96	+31 48.3	1.890	2.729	13.0	18.4

460117 2014 PD_{29} 11 24.9 50°.06 8°.7/21.5 17

10 18	4 28.43	− 2 15.4	1.920	2.713	15.2	20.5
10 28	4 24.08	− 3 18.6	1.871	2.730	12.7	20.4
11 7	4 17.65	− 4 9.7	1.843	2.747	10.4	20.3
11 17	4 9.79	− 4 43.2	1.839	2.764	8.9	20.2
11 27	4 1.42	− 4 54.5	1.862	2.782	9.0	20.3
12 7	3 53.51	− 4 42.3	1.910	2.799	10.5	20.4
12 17	3 46.91	− 4 7.6	1.982	2.817	12.6	20.6
12 27	3 42.25	− 3 13.5	2.076	2.836	14.8	20.8

36795 2000 SM_{37} 11 24.9 205°.41 0°.9/25.3 18

10 18	4 36.25	+23 21.0	1.569	2.371	17.6	19.9
10 28	4 31.34	+23 26.7	1.486	2.369	13.9	19.6
11 7	4 23.21	+23 24.6	1.423	2.366	9.5	19.4
11 17	4 12.55	+23 13.7	1.384	2.363	4.5	19.1
11 27	4 0.67	+22 54.6	1.373	2.359	1.3	18.8
12 7	3 49.13	+22 30.2	1.390	2.355	6.3	19.2
12 17	3 39.41	+22 5.4	1.433	2.350	11.2	19.4
12 27	3 32.59	+21 45.3	1.500	2.345	15.4	19.7

515714 2014 TT_3 11 24.9 43°.16 1°.0/25.4 17

10 18	4 29.61	+23 57.7	2.260	3.050	13.3	21.1
10 28	4 25.12	+24 4.4	2.177	3.053	10.4	20.9
11 7	4 18.48	+24 5.1	2.116	3.056	7.1	20.7
11 17	4 10.24	+23 59.3	2.082	3.059	3.4	20.5
11 27	4 1.29	+23 47.6	2.076	3.062	1.2	20.3
12 7	3 52.61	+23 31.9	2.101	3.065	4.6	20.5
12 17	3 45.11	+23 15.1	2.154	3.068	8.1	20.8
12 27	3 39.54	+23 0.4	2.233	3.071	11.3	21.0

46184 2001 FM_{120} 11 24.9 121°.67 5°.6/22.2 18

10 18	4 30.83	+ 6 36.7	2.097	2.895	13.9	20.0
10 28	4 25.82	+ 5 38.8	2.033	2.908	11.1	19.8
11 7	4 18.78	+ 4 44.9	1.992	2.921	8.2	19.7
11 17	4 10.31	+ 3 59.5	1.977	2.934	6.0	19.6
11 27	4 1.30	+ 3 26.7	1.991	2.946	5.9	19.6
12 7	3 52.70	+ 3 9.5	2.033	2.957	8.0	19.8
12 17	3 45.34	+ 3 9.0	2.102	2.969	10.7	20.0
12 27	3 39.87	+ 3 24.6	2.195	2.979	13.3	20.2

11497 1989 CG_1 11 24.9 237°.33 6°.9/28.6 18

10 18	4 36.42	+40 21.0	1.976	2.716	16.6	17.1
10 28	4 31.39	+40 47.5	1.883	2.709	14.1	16.9
11 7	4 23.19	+40 56.2	1.810	2.702	11.2	16.7
11 17	4 12.53	+40 42.1	1.760	2.695	8.4	16.6
11 27	4 0.70	+40 2.8	1.736	2.688	6.9	16.5
12 7	3 49.26	+39 0.2	1.740	2.681	7.8	16.5
12 17	3 39.63	+37 40.8	1.771	2.673	10.4	16.6
12 27	3 32.87	+36 13.6	1.827	2.665	13.4	16.8

96294 1996 JE_2 11 24.9 207°.27 4°.9/22.4 18

10 18	4 28.65	+ 3 22.6	2.850	3.631	11.1	19.9
10 28	4 23.76	+ 2 55.5	2.764	3.625	9.0	19.7
11 7	4 17.28	+ 2 33.6	2.701	3.620	6.8	19.6
11 17	4 9.64	+ 2 19.8	2.666	3.614	5.2	19.4
11 27	4 1.47	+ 2 16.7	2.660	3.608	5.1	19.4
12 7	3 53.47	+ 2 25.7	2.685	3.601	6.7	19.5
12 17	3 46.30	+ 2 47.2	2.737	3.594	8.8	19.7
12 27	3 40.52	+ 3 20.6	2.815	3.586	11.0	19.8

133051 2003 *EH* 11 24.9 44°.01 21°.3/14.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 30.89	−13 15.8	0.993	1.804	25.0	19.0
10 28	4 27.80	−16 46.7	0.966	1.809	23.0	18.9
11 7	4 21.00	−19 45.0	0.956	1.814	21.7	18.8
11 17	4 11.52	−21 52.4	0.962	1.821	21.4	18.9
11 27	4 1.02	−22 56.1	0.985	1.827	22.1	18.9
12 7	3 51.36	−22 54.3	1.023	1.834	23.6	19.1
12 17	3 44.05	−21 53.5	1.074	1.841	25.3	19.2
12 27	3 40.07	−20 5.9	1.138	1.848	27.1	19.4

160514 1991 PQ_9 11 24.9 74°.74 3°.4/26.9 18

10 18	4 32.62	+32 31.9	2.315	3.077	13.8	19.6
10 28	4 27.33	+32 37.9	2.249	3.101	11.1	19.4
11 7	4 19.82	+32 32.1	2.204	3.124	8.0	19.3
11 17	4 10.79	+32 13.1	2.186	3.148	5.0	19.1
11 27	4 1.21	+31 41.2	2.196	3.171	3.4	19.0
12 7	3 52.14	+30 59.4	2.237	3.194	5.0	19.2
12 17	3 44.46	+30 11.8	2.306	3.217	7.8	19.4
12 27	3 38.86	+29 23.7	2.401	3.240	10.6	19.6

28973 2001 KN_{42} 11 24.9 291°.40 2°.0/23.9 18

10 18	4 29.23	+19 45.4	1.790	2.601	15.4	18.1
10 28	4 25.41	+18 46.2	1.695	2.586	12.1	17.8
11 7	4 19.00	+17 37.7	1.622	2.570	8.1	17.6
11 17	4 10.60	+16 22.7	1.575	2.554	3.9	17.3
11 27	4 1.24	+15 6.2	1.556	2.539	2.5	17.2
12 7	3 52.12	+13 54.5	1.566	2.523	6.7	17.4
12 17	3 44.38	+12 53.4	1.602	2.508	11.0	17.6
12 27	3 38.95	+12 7.7	1.663	2.493	14.9	17.8

407271 2010 CZ_{237} 11 24.9 3°.99 4°.1/23.3 18

10 18	4 28.39	+ 9 20.1	2.108	2.913	13.6	20.7
10 28	4 24.14	+ 8 57.0	2.030	2.913	10.8	20.5
11 7	4 17.81	+ 8 36.9	1.974	2.913	7.6	20.3
11 17	4 9.95	+ 8 22.8	1.945	2.913	4.8	20.2
11 27	4 1.42	+ 8 17.4	1.944	2.914	4.4	20.2
12 7	3 53.15	+ 8 22.6	1.972	2.914	6.8	20.3
12 17	3 46.02	+ 8 39.5	2.026	2.915	10.0	20.5
12 27	3 40.75	+ 9 8.0	2.105	2.917	12.9	20.7

197255 2003 WF_{72} 11 24.9 286°.10 2°.3/26.1 18

10 18	4 29.56	+28 12.9	2.394	3.171	13.0	20.3
10 28	4 25.23	+28 23.1	2.289	3.155	10.4	20.1
11 7	4 18.68	+28 24.9	2.207	3.139	7.4	19.8
11 17	4 10.42	+28 17.0	2.151	3.122	4.1	19.6
11 27	4 1.28	+27 59.4	2.125	3.106	2.3	19.5
12 7	3 52.26	+27 33.7	2.127	3.089	4.7	19.6
12 17	3 44.33	+27 3.2	2.159	3.073	8.1	19.8
12 27	3 38.29	+26 32.0	2.217	3.056	11.3	20.0

435436 2008 CT_{146} 11 24.9 214°.17 0°.5/25.2 18

10 18	4 34.96	+23 41.9	1.733	2.530	16.4	22.0
10 28	4 30.03	+23 26.8	1.644	2.525	13.0	21.8
11 7	4 22.17	+23 2.5	1.577	2.519	8.8	21.5
11 17	4 12.06	+22 28.9	1.534	2.513	4.1	21.2
11 27	4 0.88	+21 47.8	1.520	2.506	1.0	21.0
12 7	3 50.02	+21 3.4	1.535	2.499	5.9	21.3
12 17	3 40.78	+20 20.7	1.577	2.491	10.5	21.5
12 27	3 34.16	+19 45.3	1.643	2.483	14.6	21.8

232195 2002 GG_2 11 24.9 6°.84 14°.4/26.4 18 R

10 18	4 41.81	+37 10.9	0.934	1.744	26.3	19.3
10 28	4 39.36	+40 17.5	0.877	1.743	22.7	19.0
11 7	4 30.98	+43 12.3	0.835	1.744	18.8	18.8
11 17	4 16.98	+45 36.4	0.811	1.746	15.6	18.6
11 27	3 59.48	+47 11.2	0.808	1.749	14.4	18.6
12 7	3 42.10	+47 49.2	0.825	1.753	15.9	18.7
12 17	3 28.49	+47 37.9	0.861	1.758	19.0	18.9
12 27	3 21.01	+46 55.4	0.914	1.764	22.5	19.1

298597 2003 YT_{120} 11 24.9 335°.07 1°.8/25.6 18

10 18	4 31.53	+25 18.8	1.694	2.497	16.5	20.8
10 28	4 27.50	+25 32.5	1.610	2.492	13.1	20.6
11 7	4 20.55	+25 38.0	1.547	2.488	9.1	20.3
11 17	4 11.35	+25 33.7	1.508	2.484	4.6	20.1
11 27	4 1.06	+25 19.7	1.496	2.481	1.9	19.9
12 7	3 51.06	+24 58.5	1.512	2.478	5.8	20.1
12 17	3 42.66	+24 34.3	1.555	2.475	10.3	20.4
12 27	3 36.87	+24 12.2	1.622	2.472	14.2	20.6

189036 2000 EB_{64} 11 24.9 109°.73 2°.5/26.0 18

10 18	4 38.32	+27 42.7	1.834	2.614	16.3	20.5
10 28	4 32.27	+27 59.3	1.767	2.634	12.9	20.3
11 7	4 23.40	+28 5.6	1.721	2.654	9.0	20.1
11 17	4 12.50	+27 59.9	1.701	2.673	4.9	19.9
11 27	4 0.80	+27 42.0	1.710	2.692	2.6	19.8
12 7	3 49.70	+27 14.7	1.748	2.710	5.6	20.0
12 17	3 40.38	+26 42.7	1.814	2.727	9.4	20.3
12 27	3 33.69	+26 11.5	1.905	2.744	12.9	20.5

234679 2002 GW_{64} 11 24.9 38°.79 4°.0/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 37.98	+27 0.6	1.630	2.420	17.6	19.6
10 28	4 32.83	+28 12.2	1.552	2.424	14.1	19.4
11 7	4 24.32	+29 17.9	1.496	2.428	10.1	19.2
11 17	4 13.14	+30 12.5	1.464	2.433	6.0	18.9
11 27	4 0.59	+30 51.9	1.460	2.437	4.1	18.8
12 7	3 48.32	+31 15.4	1.483	2.442	6.8	19.0
12 17	3 37.87	+31 25.8	1.534	2.447	10.9	19.3
12 27	3 30.44	+31 28.5	1.609	2.452	14.6	19.5

363471 2003 SL_{283} 11 24.9 111°.69 0°.0/24.9 18

10 18	4 29.99	+23 4.9	2.600	3.382	11.9	21.3
10 28	4 24.92	+22 37.3	2.526	3.399	9.3	21.2
11 7	4 18.06	+22 3.3	2.476	3.416	6.2	21.0
11 17	4 9.98	+21 24.0	2.454	3.432	2.8	20.8
11 27	4 1.46	+20 41.5	2.462	3.448	0.7	20.7
12 7	3 53.30	+19 58.5	2.502	3.464	4.1	21.0
12 17	3 46.24	+19 18.5	2.571	3.479	7.3	21.2
12 27	3 40.85	+18 44.3	2.667	3.494	10.0	21.4

149331 2002 VH_{50} 11 24.9 13°.19 3°.4/24.1 18

10 18	4 29.46	+14 31.7	1.111	1.957	20.6	19.4
10 28	4 26.71	+14 16.2	1.052	1.960	16.1	19.1
11 7	4 20.39	+14 0.8	1.010	1.964	11.0	18.9
11 17	4 11.35	+13 48.6	0.990	1.970	5.6	18.6
11 27	4 1.10	+13 43.4	0.994	1.976	3.9	18.5
12 7	3 51.47	+13 48.3	1.022	1.984	8.6	18.8
12 17	3 43.99	+14 5.6	1.073	1.993	13.7	19.1
12 27	3 39.75	+14 35.7	1.145	2.003	18.2	19.4

70089 1999 JV_{75} 11 24.9 182°.19 1°.7/25.6 18

10 18	4 37.59	+25 31.4	1.727	2.516	16.8	19.8
10 28	4 32.12	+25 40.7	1.643	2.517	13.3	19.6
11 7	4 23.60	+25 41.1	1.580	2.518	9.2	19.3
11 17	4 12.73	+25 30.9	1.542	2.518	4.6	19.0
11 27	4 0.75	+25 10.2	1.532	2.517	1.9	18.9
12 7	3 49.14	+24 41.7	1.551	2.515	5.9	19.1
12 17	3 39.26	+24 10.2	1.598	2.513	10.4	19.4
12 27	3 32.14	+23 41.5	1.670	2.510	14.3	19.6

74089 1998 OJ_{15} 11 24.9 55°.91 2°.8/23.9 18

10 18	4 32.58	+15 16.9	1.533	2.350	17.3	18.7
10 28	4 27.90	+14 49.2	1.480	2.372	13.4	18.5
11 7	4 20.48	+14 20.2	1.447	2.395	9.0	18.3
11 17	4 11.17	+13 52.6	1.440	2.417	4.5	18.1
11 27	4 1.20	+13 30.0	1.459	2.440	3.2	18.1
12 7	3 51.89	+13 15.7	1.506	2.463	7.0	18.4
12 17	3 44.36	+13 11.9	1.579	2.486	11.1	18.7
12 27	3 39.37	+13 19.9	1.675	2.509	14.6	18.9

36763 2000 RJ_{82} 11 24.9 334°.84 2°.6/26.2 18

10 18	4 27.55	+29 50.8	1.310	2.129	19.6	17.9
10 28	4 25.33	+29 23.7	1.224	2.115	15.8	17.6
11 7	4 19.59	+28 36.8	1.158	2.101	11.2	17.3
11 17	4 11.06	+27 28.7	1.113	2.089	6.0	17.0
11 27	4 1.18	+26 2.3	1.093	2.077	2.6	16.8
12 7	3 51.70	+24 25.2	1.098	2.067	6.9	17.0
12 17	3 44.25	+22 47.9	1.129	2.057	12.3	17.3
12 27	3 39.98	+21 20.9	1.181	2.049	17.1	17.5

331452 2012 HF_{18} 11 24.9 258°.18 5°.3/21.4 17

10 18	4 26.47	+ 7 13.9	2.387	3.187	12.4	21.2
10 28	4 22.41	+ 5 59.7	2.305	3.182	9.9	21.1
11 7	4 16.55	+ 4 46.9	2.247	3.176	7.4	20.9
11 17	4 9.39	+ 3 40.2	2.215	3.170	5.6	20.8
11 27	4 1.64	+ 2 44.3	2.213	3.164	5.7	20.8
12 7	3 54.12	+ 2 3.1	2.240	3.159	7.7	20.9
12 17	3 47.57	+ 1 38.7	2.293	3.153	10.2	21.1
12 27	3 42.62	+ 1 31.6	2.370	3.147	12.7	21.2

229331 2005 OS_{12} 11 24.9 6°.31 6°.4/26.7 18

10 18	4 26.00	+30 19.8	0.941	1.787	23.4	19.1
10 28	4 25.26	+31 23.5	0.884	1.786	19.1	18.9
11 7	4 20.14	+32 11.2	0.844	1.788	14.1	18.6
11 17	4 11.48	+32 36.5	0.822	1.792	9.0	18.3
11 27	4 1.12	+32 35.8	0.822	1.799	6.4	18.2
12 7	3 51.44	+32 11.8	0.843	1.808	9.2	18.4
12 17	3 44.48	+31 32.8	0.885	1.819	14.0	18.7
12 27	3 41.58	+30 49.5	0.946	1.832	18.7	19.1

461133 2015 TZ_{82} 11 24.9 77°.79 1°.9/23.9 18

10 18	4 29.48	+18 30.5	2.013	2.817	14.2	21.1
10 28	4 25.03	+17 40.3	1.941	2.827	11.0	20.9
11 7	4 18.40	+16 44.6	1.892	2.838	7.3	20.7
11 17	4 10.24	+15 46.5	1.869	2.848	3.5	20.5
11 27	4 1.48	+14 49.8	1.876	2.858	2.3	20.4
12 7	3 53.15	+13 59.0	1.912	2.869	5.8	20.7
12 17	3 46.13	+13 17.8	1.976	2.879	9.4	20.9
12 27	3 41.13	+12 48.9	2.065	2.889	12.6	21.1

413727 2006 BK_{117} 11 24.9 223°.19 1°.5/25.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 29.81	+26 23.8	2.463	3.243	12.6	22.1
10 28	4 25.20	+26 22.2	2.370	3.239	10.0	21.9
11 7	4 18.53	+26 12.8	2.299	3.235	6.9	21.7
11 17	4 10.34	+25 55.2	2.256	3.231	3.5	21.5
11 27	4 1.44	+25 30.1	2.242	3.226	1.5	21.3
12 7	3 52.76	+24 59.6	2.258	3.222	4.4	21.5
12 17	3 45.18	+24 27.1	2.304	3.217	7.7	21.7
12 27	3 39.41	+23 56.3	2.376	3.212	10.7	21.9

476263 2007 VN_{124} 11 24.9 263°.03 0°.4/25.1 16

10 18	4 32.47	+21 57.0	2.026	2.820	14.5	21.8
10 28	4 27.82	+22 4.2	1.926	2.806	11.4	21.6
11 7	4 20.62	+22 6.4	1.849	2.791	7.8	21.3
11 17	4 11.41	+22 3.1	1.797	2.776	3.6	21.0
11 27	4 1.15	+21 54.8	1.774	2.760	0.9	20.8
12 7	3 51.00	+21 43.3	1.781	2.744	5.3	21.1
12 17	3 42.09	+21 31.6	1.815	2.729	9.4	21.3
12 27	3 35.38	+21 23.1	1.875	2.713	13.1	21.5

326632 2002 RJ_{281} 11 24.9 169°.66 3°.9/22.8 18

10 18	4 27.22	+ 9 14.7	2.556	3.352	11.7	21.2
10 28	4 22.86	+ 8 35.3	2.476	3.354	9.3	21.0
11 7	4 16.78	+ 7 57.8	2.420	3.355	6.6	20.8
11 17	4 9.49	+ 7 24.9	2.391	3.356	4.4	20.7
11 27	4 1.67	+ 6 59.8	2.392	3.357	4.2	20.7
12 7	3 54.08	+ 6 44.7	2.422	3.357	6.2	20.8
12 17	3 47.42	+ 6 41.1	2.480	3.358	8.8	21.0
12 27	3 42.29	+ 6 49.5	2.563	3.358	11.3	21.2

88735 2001 SV_{42} 11 24.9 82°.98 1°.1/25.4 18

10 18	4 37.09	+23 54.8	1.573	2.372	17.7	20.5
10 28	4 31.59	+24 0.4	1.513	2.394	13.8	20.3
11 7	4 23.07	+23 57.6	1.474	2.416	9.3	20.1
11 17	4 12.41	+23 45.7	1.460	2.438	4.4	19.8
11 27	4 0.95	+23 25.8	1.473	2.459	1.4	19.7
12 7	3 50.19	+23 1.2	1.515	2.480	5.9	20.0
12 17	3 41.38	+22 36.5	1.584	2.500	10.3	20.3
12 27	3 35.39	+22 16.5	1.677	2.521	14.1	20.6

383471 2006 YU_{51} 11 24.9 325°.73 4°.3/23.6 18

10 18	4 29.02	+13 29.1	1.293	2.129	18.8	20.3
10 28	4 26.18	+12 54.8	1.213	2.116	14.9	20.0
11 7	4 20.05	+12 19.2	1.152	2.103	10.3	19.7
11 17	4 11.29	+11 46.5	1.114	2.091	5.8	19.4
11 27	4 1.18	+11 22.1	1.101	2.079	4.8	19.3
12 7	3 51.33	+11 10.5	1.112	2.069	8.9	19.5
12 17	3 43.27	+11 15.0	1.147	2.059	13.9	19.8
12 27	3 38.17	+11 36.6	1.203	2.050	18.3	20.0

500634 2012 UU_{171} 11 24.9 53°.26 1°.9/23.9 17

10 18	4 37.06	+29 19.7	0.960	1.791	24.2	20.3
10 28	4 32.99	+26 43.6	0.900	1.800	19.0	20.0
11 7	4 24.56	+23 32.7	0.858	1.811	12.6	19.7
11 17	4 13.13	+19 55.8	0.840	1.821	5.5	19.4
11 27	4 0.82	+16 12.1	0.848	1.832	3.0	19.3
12 7	3 49.85	+12 45.6	0.883	1.844	9.7	19.7
12 17	3 41.85	+ 9 55.2	0.942	1.856	15.9	20.1
12 27	3 37.70	+ 7 49.7	1.021	1.867	20.9	20.4

82976 2001 QK_{140} 11 24.9 67°.46 8°.5/29.6 18

10 18	4 40.19	+43 41.5	1.899	2.621	17.7	19.3
10 28	4 34.38	+44 38.4	1.839	2.645	15.1	19.2
11 7	4 25.15	+45 15.4	1.798	2.669	12.4	19.0
11 17	4 13.42	+45 26.5	1.779	2.693	9.9	18.9
11 27	4 0.70	+45 8.7	1.786	2.717	8.5	18.9
12 7	3 48.72	+44 24.3	1.819	2.740	9.0	19.0
12 17	3 38.94	+43 19.9	1.878	2.764	10.8	19.2
12 27	3 32.34	+42 5.0	1.962	2.787	13.1	19.4

55864 1997 PC 11 24.9 69°.23 1°.5/25.6 18

10 18	4 36.53	+25 19.4	1.455	2.260	18.6	18.7
10 28	4 31.36	+25 19.9	1.399	2.283	14.6	18.5
11 7	4 23.00	+25 9.9	1.364	2.306	9.9	18.3
11 17	4 12.38	+24 48.7	1.352	2.329	4.8	18.1
11 27	4 0.98	+24 17.8	1.367	2.352	1.7	18.0
12 7	3 50.36	+23 41.6	1.409	2.375	6.1	18.3
12 17	3 41.85	+23 5.6	1.478	2.398	10.7	18.6
12 27	3 36.31	+22 35.4	1.571	2.420	14.6	18.9

340109 2005 WC_{147} 11 24.9 123°.64 0°.0/24.9 18

10 18	4 35.00	+20 53.5	1.717	2.518	16.4	21.4
10 28	4 29.92	+20 58.5	1.642	2.525	12.8	21.1
11 7	4 22.01	+20 58.4	1.588	2.532	8.6	20.9
11 17	4 12.00	+20 53.1	1.560	2.539	3.9	20.6
11 27	4 1.05	+20 43.5	1.559	2.545	1.0	20.4
12 7	3 50.52	+20 32.1	1.588	2.551	5.8	20.8
12 17	3 41.63	+20 22.2	1.643	2.557	10.2	21.1
12 27	3 35.30	+20 17.2	1.723	2.563	14.0	21.3

259391 2003 OY_1 11 24.9 60°.58 6°.4/22.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 32.03	+ 2 7.6	2.010	2.801	14.7	20.2
10 28	4 26.69	+ 1 39.7	1.964	2.830	11.8	20.0
11 7	4 19.32	+ 1 21.0	1.939	2.859	9.0	19.9
11 17	4 10.59	+ 1 15.2	1.940	2.888	6.8	19.9
11 27	4 1.44	+ 1 24.8	1.969	2.917	6.6	19.9
12 7	3 52.82	+ 1 50.5	2.026	2.945	8.3	20.1
12 17	3 45.55	+ 2 31.2	2.110	2.974	10.8	20.3
12 27	3 40.23	+ 3 24.8	2.218	3.002	13.2	20.5

283864 2003 WY_{82} 11 24.9 65°.21 1°.9/25.8 18

10 18	4 34.23	+26 15.5	1.629	2.428	17.2	21.1
10 28	4 29.39	+26 19.4	1.566	2.446	13.6	20.9
11 7	4 21.63	+26 13.0	1.524	2.464	9.3	20.7
11 17	4 11.78	+25 55.4	1.506	2.482	4.7	20.5
11 27	4 1.13	+25 27.6	1.516	2.500	2.0	20.3
12 7	3 51.10	+24 53.3	1.553	2.518	5.7	20.6
12 17	3 42.91	+24 17.5	1.618	2.537	10.0	20.9
12 27	3 37.42	+23 45.7	1.707	2.555	13.7	21.2

279232 2009 UJ_{130} 11 24.9 86°.86 3°.3/25.0 18

10 18	4 51.05	+19 3.2	1.127	1.933	22.9	19.9
10 28	4 44.47	+21 12.5	1.059	1.942	18.2	19.6
11 7	4 33.04	+23 29.3	1.010	1.952	12.6	19.3
11 17	4 17.46	+25 43.7	0.985	1.961	6.5	19.0
11 27	3 59.61	+27 43.8	0.988	1.971	3.6	18.9
12 7	3 42.14	+29 21.5	1.019	1.980	8.7	19.2
12 17	3 27.54	+30 36.0	1.076	1.990	14.4	19.6
12 27	3 17.49	+31 33.6	1.155	1.999	19.1	19.9

50603 2000 EK_{54} 11 24.9 2°.55 3°.2/23.7 18

10 18	4 30.12	+13 29.4	1.780	2.593	15.4	19.1
10 28	4 25.95	+13 4.8	1.703	2.593	12.1	18.9
11 7	4 19.28	+12 40.2	1.648	2.593	8.3	18.6
11 17	4 10.75	+12 18.1	1.617	2.593	4.5	18.4
11 27	4 1.38	+12 1.7	1.615	2.593	3.6	18.4
12 7	3 52.33	+11 53.9	1.640	2.594	6.9	18.6
12 17	3 44.69	+11 56.8	1.692	2.594	10.8	18.8
12 27	3 39.28	+12 11.3	1.768	2.595	14.2	19.0

56671 2000 KL_{75} 11 24.9 126°.30 2°.4/24.2 18

10 18	4 34.92	+15 3.4	1.782	2.585	15.8	20.0
10 28	4 29.58	+14 51.8	1.711	2.595	12.3	19.8
11 7	4 21.63	+14 39.4	1.661	2.605	8.3	19.6
11 17	4 11.78	+14 27.9	1.637	2.615	4.1	19.3
11 27	4 1.13	+14 19.6	1.642	2.624	2.7	19.3
12 7	3 50.92	+14 16.8	1.676	2.633	6.4	19.5
12 17	3 42.25	+14 21.5	1.737	2.641	10.4	19.8
12 27	3 35.97	+14 35.1	1.823	2.649	13.9	20.0

391231 2006 KS_6 11 24.9 214°.06 0°.6/25.2 18

10 18	4 34.51	+22 5.9	2.138	2.924	14.1	21.3
10 28	4 29.19	+22 18.8	2.043	2.918	11.1	21.1
11 7	4 21.41	+22 27.0	1.971	2.911	7.5	20.8
11 17	4 11.74	+22 29.9	1.926	2.904	3.5	20.6
11 27	4 1.12	+22 27.5	1.911	2.897	1.0	20.4
12 7	3 50.67	+22 21.4	1.925	2.888	5.0	20.6
12 17	3 41.47	+22 14.2	1.969	2.880	9.0	20.9
12 27	3 34.41	+22 9.0	2.038	2.871	12.4	21.1

308290 2005 JE_{51} 11 24.9 131°.44 1°.8/24.1 18

10 18	4 31.28	+17 22.0	2.141	2.938	13.7	21.6
10 28	4 26.33	+16 50.6	2.065	2.948	10.6	21.4
11 7	4 19.25	+16 15.8	2.013	2.957	7.1	21.2
11 17	4 10.64	+15 39.5	1.988	2.966	3.4	21.0
11 27	4 1.42	+15 4.6	1.992	2.974	2.2	20.9
12 7	3 52.57	+14 34.2	2.026	2.982	5.5	21.2
12 17	3 44.98	+14 11.3	2.088	2.990	9.0	21.4
12 27	3 39.34	+13 58.0	2.176	2.997	12.1	21.6

484044 2006 EP_{55} 11 24.9 248°.03 0°.8/24.5 18

10 18	4 28.74	+19 29.8	2.757	3.544	11.2	22.3
10 28	4 24.13	+19 9.1	2.650	3.527	8.8	22.1
11 7	4 17.73	+18 44.2	2.568	3.510	5.9	21.9
11 17	4 9.99	+18 16.1	2.513	3.492	2.7	21.7
11 27	4 1.57	+17 46.5	2.489	3.474	1.2	21.6
12 7	3 53.27	+17 17.7	2.496	3.456	4.4	21.8
12 17	3 45.84	+16 52.4	2.533	3.437	7.6	21.9
12 27	3 39.92	+16 33.1	2.596	3.418	10.4	22.1

434231 2003 SR_{280} 11 24.9 97°.19 2°.0/23.9 15

10 18	4 35.55	+16 57.3	2.083	2.873	14.2	22.8
10 28	4 29.38	+16 19.2	2.027	2.905	11.0	22.6
11 7	4 21.08	+15 38.2	1.995	2.937	7.3	22.5
11 17	4 11.39	+14 56.5	1.990	2.967	3.6	22.3
11 27	4 1.27	+14 17.4	2.015	2.997	2.4	22.3
12 7	3 51.76	+13 44.1	2.071	3.026	5.6	22.5
12 17	3 43.70	+13 19.4	2.156	3.054	9.0	22.8
12 27	3 37.71	+13 5.1	2.266	3.081	12.0	23.0

244516 2002 TP_{182} 11 24.9 57.°85 2.°2/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 30.51	+18 1.6	1.691	2.505	16.1	20.4
10 28	4 26.24	+17 18.6	1.625	2.516	12.5	20.2
11 7	4 19.41	+16 30.5	1.581	2.528	8.3	20.0
11 17	4 10.76	+15 40.4	1.562	2.541	4.0	19.8
11 27	4 1.41	+14 52.4	1.570	2.553	2.6	19.7
12 7	3 52.57	+14 11.1	1.607	2.565	6.5	20.0
12 17	3 45.30	+13 40.4	1.671	2.578	10.5	20.2
12 27	3 40.38	+13 22.8	1.758	2.591	14.1	20.5

131329 2001 HP_{24} 11 24.9 38.°77 0.°2/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 29.83	+21 35.2	1.935	2.738	14.7	19.6
10 28	4 25.53	+21 38.9	1.867	2.751	11.5	19.5
11 7	4 18.87	+21 37.4	1.820	2.765	7.7	19.3
11 17	4 10.52	+21 31.0	1.800	2.779	3.5	19.0
11 27	4 1.47	+21 20.6	1.807	2.793	0.9	18.9
12 7	3 52.83	+21 8.6	1.844	2.808	5.0	19.2
12 17	3 45.58	+20 57.8	1.908	2.823	8.9	19.5
12 27	3 40.48	+20 51.1	1.996	2.839	12.2	19.7

179215 2001 TO_{221} 11 24.9 105.°96 3.°4/26.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 33.28	+31 14.8	2.072	2.844	14.9	20.5
10 28	4 28.32	+31 27.4	1.993	2.852	12.0	20.3
11 7	4 20.81	+31 28.2	1.935	2.860	8.7	20.1
11 17	4 11.43	+31 15.4	1.902	2.867	5.3	19.9
11 27	4 1.24	+30 48.7	1.898	2.875	3.4	19.8
12 7	3 51.46	+30 10.7	1.923	2.882	5.4	20.0
12 17	3 43.16	+29 26.2	1.976	2.889	8.8	20.2
12 27	3 37.17	+28 40.6	2.054	2.896	11.9	20.4

29335 1994 XL 11 24.9 286.°97 2.°5/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 33.48	+26 45.1	1.625	2.425	17.2	18.4
10 28	4 29.52	+27 1.8	1.524	2.404	13.9	18.1
11 7	4 22.31	+27 9.2	1.444	2.383	9.8	17.8
11 17	4 12.39	+27 4.5	1.387	2.361	5.3	17.5
11 27	4 0.95	+26 47.0	1.356	2.340	2.6	17.3
12 7	3 49.56	+26 18.6	1.354	2.318	6.5	17.5
12 17	3 39.77	+25 44.3	1.377	2.297	11.3	17.7
12 27	3 32.85	+25 10.8	1.424	2.275	15.7	17.9

392650 2011 UY_{158} 11 24.9 54.°11 3.°8/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 35.54	+14 42.9	1.520	2.332	17.6	19.9
10 28	4 29.80	+13 40.8	1.485	2.375	13.5	19.7
11 7	4 21.48	+12 37.9	1.472	2.417	9.1	19.6
11 17	4 11.55	+11 39.0	1.485	2.459	5.0	19.4
11 27	4 1.28	+10 49.2	1.525	2.501	4.2	19.5
12 7	3 51.96	+10 12.6	1.593	2.543	7.4	19.8
12 17	3 44.53	+ 9 51.6	1.688	2.584	11.1	20.1
12 27	3 39.64	+ 9 46.6	1.806	2.625	14.3	20.4

170527 2003 WD_{89} 11 24.9 98.°02 1.°2/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 36.27	+16 14.1	1.898	2.693	15.3	20.1
10 28	4 30.48	+16 32.5	1.829	2.709	11.9	19.9
11 7	4 22.17	+16 50.7	1.782	2.725	7.9	19.7
11 17	4 12.03	+17 8.7	1.762	2.741	3.7	19.5
11 27	4 1.11	+17 26.8	1.771	2.756	1.6	19.3
12 7	3 50.63	+17 45.8	1.810	2.771	5.6	19.7
12 17	3 41.66	+18 7.0	1.878	2.786	9.5	19.9
12 27	3 34.99	+18 31.9	1.971	2.800	12.9	20.2

517355 2014 JL_{85} 11 24.9 357.°83 0.°5/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 33.34	+18 23.1	1.766	2.571	15.8	21.2
10 28	4 28.66	+18 40.1	1.685	2.571	12.4	21.0
11 7	4 21.23	+18 55.3	1.625	2.570	8.3	20.8
11 17	4 11.71	+19 8.6	1.591	2.570	3.8	20.5
11 27	4 1.17	+19 20.2	1.584	2.570	1.2	20.3
12 7	3 50.91	+19 31.5	1.607	2.570	5.8	20.6
12 17	3 42.14	+19 44.4	1.657	2.570	10.1	20.9
12 27	3 35.80	+20 1.0	1.731	2.571	13.9	21.1

452172 2015 RV_{80} 11 24.9 143.°31 3.°3/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 33.62	+29 59.2	1.977	2.755	15.3	21.5
10 28	4 28.78	+30 17.8	1.893	2.757	12.3	21.3
11 7	4 21.25	+30 25.7	1.831	2.759	8.8	21.1
11 17	4 11.69	+30 20.6	1.794	2.761	5.3	20.9
11 27	4 1.19	+30 1.8	1.785	2.763	3.3	20.8
12 7	3 51.03	+29 31.8	1.805	2.765	5.6	20.9
12 17	3 42.38	+28 54.7	1.852	2.767	9.2	21.2
12 27	3 36.14	+28 16.4	1.925	2.768	12.6	21.4

516914 2011 UN_{241} 11 24.9 69.°16 0.°2/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 30.87	+23 27.8	1.874	2.674	15.2	21.1
10 28	4 26.51	+23 3.9	1.795	2.677	11.9	20.9
11 7	4 19.63	+22 31.2	1.737	2.681	8.0	20.7
11 17	4 10.92	+21 50.7	1.705	2.684	3.7	20.5
11 27	4 1.42	+21 4.9	1.702	2.688	0.9	20.2
12 7	3 52.32	+20 17.9	1.727	2.691	5.4	20.6
12 17	3 44.68	+19 34.3	1.780	2.695	9.5	20.8
12 27	3 39.31	+18 58.6	1.858	2.698	13.1	21.1

239144 2006 JP_{44} 11 25.0 104.°27 1.°1/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 34.47	+17 47.2	1.938	2.735	14.9	20.8
10 28	4 29.03	+17 46.6	1.869	2.751	11.6	20.6
11 7	4 21.17	+17 43.7	1.823	2.766	7.7	20.4
11 17	4 11.57	+17 39.0	1.803	2.782	3.5	20.1
11 27	4 1.28	+17 33.9	1.812	2.797	1.5	20.0
12 7	3 51.43	+17 30.4	1.850	2.811	5.5	20.3
12 17	3 43.03	+17 30.7	1.917	2.825	9.3	20.6
12 27	3 36.87	+17 36.9	2.009	2.839	12.7	20.8

147042 2002 RA_{71} 11 25.0 84.°56 0.°5/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 35.03	+22 36.2	1.466	2.277	18.2	21.1
10 28	4 30.16	+21 59.9	1.404	2.293	14.2	20.8
11 7	4 22.22	+21 13.8	1.362	2.309	9.5	20.6
11 17	4 12.09	+20 19.6	1.344	2.324	4.3	20.4
11 27	4 1.17	+19 21.4	1.354	2.340	1.3	20.2
12 7	3 50.96	+18 25.2	1.392	2.355	6.4	20.6
12 17	3 42.73	+17 36.8	1.455	2.371	11.2	20.9
12 27	3 37.34	+17 0.8	1.542	2.386	15.2	21.2

328377 2008 QH_{48} 11 25.0 133.°96 7.°4/19.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 27.32	− 4 2.7	2.842	3.608	11.4	21.8
10 28	4 22.66	− 5 26.2	2.784	3.621	9.7	21.7
11 7	4 16.52	− 6 41.1	2.751	3.632	8.2	21.6
11 17	4 9.38	− 7 42.8	2.744	3.644	7.4	21.5
11 27	4 1.84	− 8 27.1	2.765	3.655	7.7	21.6
12 7	3 54.57	− 8 52.0	2.813	3.666	8.8	21.7
12 17	3 48.16	− 8 57.0	2.887	3.676	10.4	21.8
12 27	3 43.13	− 8 43.6	2.983	3.686	11.9	21.9

144622 2004 FZ_{66} 11 25.0 311.°52 3.°3/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 30.01	+13 11.3	1.903	2.712	14.7	19.9
10 28	4 25.73	+12 42.8	1.823	2.710	11.5	19.7
11 7	4 19.09	+12 14.0	1.764	2.708	7.9	19.5
11 17	4 10.70	+11 47.8	1.732	2.707	4.4	19.2
11 27	4 1.50	+11 27.3	1.728	2.705	3.6	19.2
12 7	3 52.60	+11 15.6	1.752	2.704	6.7	19.4
12 17	3 44.99	+11 14.6	1.803	2.702	10.4	19.6
12 27	3 39.49	+11 25.5	1.878	2.701	13.7	19.8

510204 2011 CB_{81} 11 25.0 224.°83 7.°1/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 38.55	+39 21.2	1.774	2.523	17.9	21.9
10 28	4 33.49	+39 53.1	1.684	2.517	15.1	21.7
11 7	4 24.90	+40 6.7	1.612	2.510	11.9	21.5
11 17	4 13.52	+39 56.3	1.563	2.504	8.9	21.3
11 27	4 0.78	+39 18.5	1.541	2.497	7.1	21.2
12 7	3 48.45	+38 15.6	1.545	2.489	8.2	21.2
12 17	3 38.13	+36 54.7	1.576	2.481	11.2	21.4
12 27	3 31.02	+35 26.1	1.631	2.473	14.5	21.5

395953 2013 AY_{134} 11 25.0 85.°43 3.°7/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 30.80	+12 11.1	1.844	2.653	15.1	21.1
10 28	4 26.36	+11 40.7	1.768	2.655	11.9	20.9
11 7	4 19.51	+11 11.0	1.715	2.658	8.2	20.7
11 17	4 10.88	+10 44.9	1.687	2.660	4.8	20.5
11 27	4 1.48	+10 26.0	1.688	2.663	4.0	20.4
12 7	3 52.42	+10 17.1	1.716	2.666	7.0	20.6
12 17	3 44.72	+10 20.1	1.771	2.668	10.7	20.8
12 27	3 39.19	+10 35.7	1.851	2.671	14.0	21.1

103138 1999 XP_{204} 11 25.0 313.°38 5.°3/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 34.34	+29 32.7	1.359	2.165	19.7	19.2
10 28	4 31.01	+30 32.7	1.270	2.150	16.1	19.0
11 7	4 23.80	+31 23.5	1.201	2.135	11.9	18.7
11 17	4 13.28	+31 59.5	1.153	2.120	7.5	18.4
11 27	4 0.83	+32 15.7	1.130	2.106	5.3	18.2
12 7	3 48.43	+32 11.9	1.132	2.093	8.2	18.3
12 17	3 38.06	+31 52.4	1.159	2.080	12.8	18.6
12 27	3 31.23	+31 25.6	1.208	2.068	17.4	18.8

261777 2006 BG_{109} 11 25.0 314.°72 1.°0/24.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 28.74	+18 39.3	2.000	2.806	14.2	21.7
10 28	4 24.83	+18 29.5	1.908	2.796	11.1	21.4
11 7	4 18.57	+18 16.0	1.839	2.785	7.5	21.2
11 17	4 10.52	+18 0.0	1.795	2.775	3.4	20.9
11 27	4 1.57	+17 43.2	1.780	2.765	1.5	20.8
12 7	3 52.82	+17 28.2	1.793	2.755	5.5	21.0
12 17	3 45.27	+17 17.8	1.834	2.746	9.5	21.2
12 27	3 39.77	+17 14.6	1.900	2.737	13.0	21.4

149362 2002 XZ_{41} 11 25.0 76.°94 3.°8/26.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 36.33	+31 4.2	1.492	2.284	18.9	19.8
10 28	4 31.52	+31 10.5	1.426	2.297	15.2	19.6
11 7	4 23.34	+31 1.3	1.379	2.311	10.9	19.4
11 17	4 12.69	+30 33.9	1.356	2.325	6.4	19.2
11 27	4 1.06	+29 48.8	1.359	2.338	3.8	19.1
12 7	3 50.15	+28 51.0	1.389	2.352	6.6	19.3
12 17	3 41.38	+27 47.8	1.446	2.366	10.8	19.6
12 27	3 35.71	+26 47.5	1.526	2.379	14.7	19.8