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

124280 2001 QM_{29} 11 25.0 66°.86 4°.9/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 40.72	+31 40.6	1.454	2.239	19.6	19.4
10 28	4 34.90	+32 22.3	1.403	2.268	15.8	19.3
11 7	4 25.54	+32 49.0	1.371	2.297	11.4	19.1
11 17	4 13.64	+32 56.3	1.362	2.326	7.2	18.9
11 27	4 0.85	+32 42.9	1.380	2.354	4.9	18.9
12 7	3 48.97	+32 12.2	1.425	2.383	7.1	19.1
12 17	3 39.48	+31 30.9	1.496	2.411	10.9	19.4
12 27	3 33.29	+30 47.5	1.590	2.439	14.5	19.7

481644 2007 VT_{126} 11 25.0 31°.66 2°.6/26.0 17

10 18	4 33.26	+27 41.9	1.082	1.911	22.1	19.7
10 28	4 29.52	+27 40.0	1.047	1.943	17.3	19.6
11 7	4 22.02	+27 22.4	1.030	1.976	11.9	19.4
11 17	4 12.00	+26 48.8	1.034	2.011	6.1	19.2
11 27	4 1.29	+26 2.2	1.062	2.047	2.6	19.1
12 7	3 51.78	+25 9.5	1.115	2.083	6.9	19.4
12 17	3 44.85	+24 18.5	1.193	2.121	11.8	19.8
12 27	3 41.29	+23 36.0	1.292	2.159	15.9	20.2

82257 2001 KW_{8} 11 25.0 55°.54 2°.1/24.4 18

10 18	4 35.84	+14 55.4	1.578	2.387	17.2	18.4
10 28	4 30.35	+15 2.3	1.528	2.416	13.3	18.2
11 7	4 22.12	+15 9.6	1.500	2.446	8.9	18.0
11 17	4 12.00	+15 18.2	1.497	2.475	4.3	17.8
11 27	4 1.26	+15 29.2	1.522	2.505	2.4	17.8
12 7	3 51.22	+15 44.0	1.575	2.535	6.4	18.1
12 17	3 42.99	+16 3.9	1.655	2.565	10.5	18.4
12 27	3 37.35	+16 29.8	1.759	2.594	14.0	18.7

404069 2012 DF_{60} 11 25.0 92°.05 4°.9/22.7 18

10 18	4 28.58	+ 7 57.1	2.159	2.961	13.4	21.1
10 28	4 24.23	+ 7 13.8	2.085	2.965	10.7	20.9
11 7	4 17.88	+ 6 33.7	2.035	2.969	7.7	20.8
11 17	4 10.10	+ 6 0.3	2.011	2.973	5.3	20.6
11 27	4 1.71	+ 5 37.4	2.015	2.977	5.1	20.6
12 7	3 53.62	+ 5 27.6	2.048	2.981	7.3	20.8
12 17	3 46.66	+ 5 32.1	2.107	2.985	10.2	20.9
12 27	3 41.50	+ 5 50.7	2.191	2.989	12.9	21.1

348390 2005 GY_{106} 11 25.0 213°.32 4°.7/22.9 17

10 18	4 32.36	+13 31.5	1.517	2.336	17.3	21.6
10 28	4 28.12	+12 23.7	1.442	2.334	13.7	21.3
11 7	4 20.97	+11 12.5	1.387	2.332	9.5	21.1
11 17	4 11.63	+10 3.2	1.357	2.330	5.7	20.9
11 27	4 1.33	+ 9 2.3	1.354	2.328	5.2	20.8
12 7	3 51.44	+ 8 15.9	1.378	2.325	8.7	21.0
12 17	3 43.23	+ 7 48.2	1.428	2.322	12.9	21.3
12 27	3 37.63	+ 7 40.7	1.499	2.320	16.7	21.5

323356 2003 UW_{373} 11 25.0 92°.83 1°.5/24.2 18

10 18	4 29.03	+18 32.9	2.313	3.110	12.8	21.4
10 28	4 24.44	+17 55.7	2.240	3.123	9.9	21.3
11 7	4 17.94	+17 14.3	2.191	3.135	6.6	21.1
11 17	4 10.10	+16 30.6	2.169	3.147	3.1	20.9
11 27	4 1.74	+15 47.7	2.176	3.160	1.8	20.8
12 7	3 53.74	+15 8.8	2.214	3.172	5.0	21.1
12 17	3 46.89	+14 36.9	2.280	3.183	8.3	21.3
12 27	3 41.80	+14 14.2	2.372	3.195	11.2	21.5

239209 2006 PR_{28} 11 25.0 115°.72 0°.8/25.3 18

10 18	4 37.88	+21 45.5	2.316	3.090	13.5	20.8
10 28	4 31.35	+22 14.1	2.244	3.112	10.5	20.6
11 7	4 22.59	+22 38.9	2.196	3.133	7.1	20.4
11 17	4 12.23	+22 58.5	2.176	3.153	3.3	20.2
11 27	4 1.20	+23 12.6	2.187	3.173	1.0	20.1
12 7	3 50.56	+23 22.0	2.229	3.192	4.5	20.4
12 17	3 41.24	+23 28.6	2.302	3.210	8.0	20.6
12 27	3 33.97	+23 35.0	2.401	3.228	11.0	20.8

332284 2006 SD_{394} 11 25.0 95°.34 0°.2/25.1 18

10 18	4 38.50	+20 38.3	1.528	2.332	18.0	21.3
10 28	4 32.87	+20 55.0	1.465	2.349	14.0	21.1
11 7	4 24.09	+21 7.1	1.422	2.366	9.4	20.9
11 17	4 13.02	+21 13.6	1.404	2.383	4.3	20.6
11 27	4 1.02	+21 15.0	1.414	2.400	1.0	20.4
12 7	3 49.63	+21 13.2	1.452	2.416	6.2	20.8
12 17	3 40.19	+21 11.6	1.517	2.432	10.8	21.1
12 27	3 33.66	+21 13.9	1.606	2.448	14.7	21.4

14722 2000 CK_{92} 11 25.0 108°.19 3°.8/27.1 18

10 18	4 31.87	+33 5.3	2.475	3.232	13.1	18.3
10 28	4 26.94	+33 27.5	2.391	3.239	10.7	18.1
11 7	4 19.78	+33 39.0	2.329	3.245	7.9	18.0
11 17	4 11.01	+33 37.8	2.294	3.251	5.2	17.8
11 27	4 1.50	+33 23.2	2.287	3.257	3.8	17.7
12 7	3 52.29	+32 56.8	2.309	3.263	5.1	17.8
12 17	3 44.31	+32 22.1	2.361	3.269	7.8	18.0
12 27	3 38.30	+31 43.8	2.438	3.275	10.5	18.2

39781 1997 HS_{13} 11 25.0 68°.67 3°.1/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 30.07	+14 51.7	2.100	2.903	13.7	18.6
10 28	4 25.23	+13 51.4	2.044	2.929	10.6	18.5
11 7	4 18.40	+12 49.3	2.012	2.955	7.2	18.3
11 17	4 10.27	+11 49.0	2.007	2.981	4.0	18.2
11 27	4 1.72	+10 54.6	2.032	3.007	3.4	18.2
12 7	3 53.67	+10 10.0	2.086	3.033	6.1	18.4
12 17	3 46.93	+ 9 37.9	2.168	3.059	9.3	18.6
12 27	3 42.06	+ 9 19.5	2.274	3.084	12.1	18.9

244848 2003 UN_{135} 11 25.0 83°.52 1°.2/25.7 18

10 18	4 34.89	+27 43.2	1.801	2.589	16.3	20.0
10 28	4 29.50	+27 2.0	1.737	2.611	12.8	19.8
11 7	4 21.49	+26 7.7	1.694	2.633	8.7	19.6
11 17	4 11.71	+25 1.3	1.678	2.654	4.2	19.4
11 27	4 1.37	+23 46.4	1.690	2.675	1.3	19.3
12 7	3 51.72	+22 28.9	1.732	2.696	5.3	19.6
12 17	3 43.83	+21 15.3	1.802	2.717	9.4	19.9
12 27	3 38.39	+20 11.3	1.897	2.737	12.9	20.1

21410 Cahill 11 25.0 146°.28 0°.4/24.8 18

10 18	4 35.84	+21 26.3	1.715	2.514	16.5	19.0
10 28	4 30.55	+21 7.2	1.640	2.522	12.9	18.7
11 7	4 22.44	+20 40.8	1.586	2.530	8.6	18.5
11 17	4 12.27	+20 8.1	1.557	2.537	3.9	18.2
11 27	4 1.21	+19 31.5	1.557	2.543	1.1	18.1
12 7	3 50.63	+18 54.9	1.586	2.549	5.9	18.4
12 17	3 41.73	+18 22.8	1.642	2.554	10.4	18.7
12 27	3 35.41	+17 59.4	1.723	2.559	14.2	18.9

255159 2005 UV_{183} 11 25.0 320°.67 0°.2/25.1 17

10 18	4 29.16	+21 52.9	1.826	2.633	15.3	21.0
10 28	4 25.51	+21 52.7	1.733	2.620	12.1	20.7
11 7	4 19.23	+21 46.5	1.661	2.607	8.2	20.5
11 17	4 10.90	+21 34.5	1.615	2.594	3.8	20.2
11 27	4 1.52	+21 17.7	1.596	2.582	0.9	19.9
12 7	3 52.32	+20 58.7	1.605	2.570	5.6	20.2
12 17	3 44.47	+20 41.1	1.641	2.559	9.9	20.5
12 27	3 38.91	+20 28.6	1.702	2.548	13.8	20.7

398096 2009 RD_{55} 11 25.0 17°.83 4°.2/22.8 18

10 18	4 27.08	+12 12.5	1.953	2.766	14.2	20.2
10 28	4 23.32	+11 14.4	1.880	2.769	11.2	20.0
11 7	4 17.40	+10 15.5	1.829	2.772	7.8	19.8
11 17	4 9.93	+ 9 19.9	1.805	2.775	4.8	19.6
11 27	4 1.81	+ 8 32.4	1.808	2.779	4.5	19.6
12 7	3 54.02	+ 7 56.9	1.840	2.783	7.2	19.8
12 17	3 47.47	+ 7 36.2	1.898	2.788	10.5	20.0
12 27	3 42.86	+ 7 31.2	1.980	2.792	13.5	20.2

415264 2012 LM_{14} 11 25.0 212°.84 5°.4/21.3 17

10 18	4 26.58	+ 4 45.1	2.658	3.449	11.5	21.8
10 28	4 22.35	+ 3 38.0	2.577	3.445	9.3	21.7
11 7	4 16.49	+ 2 34.0	2.520	3.441	7.1	21.5
11 17	4 9.47	+ 1 37.4	2.490	3.436	5.6	21.4
11 27	4 1.92	+ 0 52.2	2.490	3.432	5.7	21.4
12 7	3 54.58	+ 0 21.4	2.518	3.427	7.4	21.5
12 17	3 48.10	+ 0 6.6	2.573	3.422	9.6	21.7
12 27	3 43.07	+ 0 7.8	2.653	3.417	11.8	21.8

212510 2006 RL_{22} 11 25.0 65°.13 2°.4/25.9 18

10 18	4 37.16	+26 34.1	1.303	2.113	20.1	20.3
10 28	4 32.37	+26 44.2	1.247	2.132	15.9	20.1
11 7	4 24.00	+26 42.1	1.210	2.152	10.9	19.9
11 17	4 13.03	+26 26.0	1.195	2.171	5.6	19.6
11 27	4 1.08	+25 56.9	1.206	2.190	2.4	19.5
12 7	3 49.96	+25 19.2	1.244	2.210	6.7	19.8
12 17	3 41.18	+24 39.7	1.307	2.230	11.5	20.1
12 27	3 35.71	+24 5.1	1.393	2.249	15.7	20.4

78655 2002 TA_{73} 11 25.0 214°.27 1°.4/25.8 18

10 18	4 31.92	+26 56.0	2.056	2.841	14.6	19.6
10 28	4 27.26	+26 36.5	1.966	2.838	11.5	19.3
11 7	4 20.16	+26 6.2	1.898	2.835	8.0	19.1
11 17	4 11.23	+25 25.0	1.856	2.832	4.0	18.9
11 27	4 1.49	+24 34.7	1.843	2.828	1.5	18.7
12 7	3 52.08	+23 39.0	1.860	2.825	5.0	18.9
12 17	3 44.04	+22 43.1	1.905	2.821	8.9	19.2
12 27	3 38.20	+21 52.1	1.976	2.817	12.4	19.4

77457 2001 HU_{11} 11 25.0 147°.27 0°.4/25.3 18 R

10 18	4 29.66	+23 6.9	2.696	3.477	11.6	20.4
10 28	4 24.81	+23 0.8	2.612	3.484	9.1	20.2
11 7	4 18.17	+22 49.3	2.551	3.490	6.1	20.0
11 17	4 10.24	+22 32.7	2.518	3.495	2.8	19.8
11 27	4 1.75	+22 11.9	2.515	3.501	0.7	19.6
12 7	3 53.52	+21 49.0	2.543	3.506	4.0	19.9
12 17	3 46.28	+21 26.6	2.600	3.511	7.1	20.1
12 27	3 40.64	+21 7.2	2.685	3.515	9.8	20.3

154409 2003 AN_{75} 11 25.0 328°.13 8°.9/27.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 33.71	+35 52.1	1.302	2.096	21.0	19.5
10 28	4 31.08	+37 16.7	1.217	2.081	17.7	19.2
11 7	4 24.20	+38 27.7	1.150	2.067	14.1	19.0
11 17	4 13.61	+39 16.1	1.104	2.053	10.6	18.7
11 27	4 0.84	+39 34.4	1.081	2.040	8.9	18.6
12 7	3 48.13	+39 20.8	1.081	2.029	10.5	18.7
12 17	3 37.73	+38 41.2	1.105	2.018	14.1	18.8
12 27	3 31.32	+37 46.5	1.149	2.008	18.1	19.1

5517 Johnerogers 11 25.0 218°.44 3°.7/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 33.70	+10 5.4	2.068	2.862	14.2	17.7
10 28	4 28.48	+ 9 57.7	1.979	2.857	11.2	17.5
11 7	4 20.93	+ 9 53.2	1.913	2.851	7.9	17.2
11 17	4 11.60	+ 9 54.2	1.874	2.844	4.7	17.0
11 27	4 1.41	+10 2.7	1.864	2.838	3.9	17.0
12 7	3 51.41	+10 20.2	1.883	2.831	6.7	17.1
12 17	3 42.62	+10 47.4	1.930	2.823	10.2	17.3
12 27	3 35.85	+11 24.3	2.003	2.815	13.4	17.5

5516 Jawilliamson 11 25.0 234°.66 6°.5/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 30.42	+ 4 25.7	2.117	2.912	13.9	18.0
10 28	4 25.83	+ 3 22.2	2.031	2.901	11.3	17.9
11 7	4 19.10	+ 2 22.7	1.967	2.890	8.7	17.7
11 17	4 10.75	+ 1 32.4	1.930	2.879	6.8	17.5
11 27	4 1.63	+ 0 56.3	1.921	2.866	6.9	17.5
12 7	3 52.70	+ 0 38.0	1.939	2.854	8.9	17.6
12 17	3 44.89	+ 0 39.2	1.984	2.841	11.7	17.8
12 27	3 38.94	+ 0 59.3	2.052	2.827	14.4	17.9

407100 2009 SY_{283} 11 25.0 99°.93 2°.1/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 30.35	+15 8.8	2.391	3.185	12.5	21.9
10 28	4 25.35	+14 45.8	2.323	3.203	9.7	21.7
11 7	4 18.50	+14 21.6	2.279	3.221	6.5	21.5
11 17	4 10.36	+13 58.1	2.262	3.238	3.3	21.3
11 27	4 1.75	+13 37.5	2.275	3.256	2.4	21.3
12 7	3 53.49	+13 22.1	2.319	3.273	5.1	21.5
12 17	3 46.35	+13 13.7	2.391	3.289	8.2	21.8
12 27	3 40.92	+13 13.6	2.489	3.306	11.0	22.0

298275 2002 XF_{30} 11 25.0 27°.72 7°.7/28.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 34.09	+37 27.5	1.449	2.228	19.9	19.6
10 28	4 30.38	+38 24.8	1.387	2.240	16.6	19.5
11 7	4 22.94	+39 3.5	1.343	2.253	13.0	19.3
11 17	4 12.67	+39 17.2	1.321	2.267	9.5	19.1
11 27	4 1.17	+39 3.1	1.323	2.282	7.7	19.1
12 7	3 50.33	+38 23.6	1.351	2.298	8.8	19.2
12 17	3 41.79	+37 26.2	1.403	2.314	11.8	19.4
12 27	3 36.64	+36 21.0	1.477	2.331	15.1	19.6

54740 2001 KN_{31} 11 25.0 188°.85 3°.0/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 41.63	+10 13.5	1.784	2.571	16.4	19.1
10 28	4 35.10	+10 46.6	1.697	2.571	13.0	18.9
11 7	4 25.62	+11 26.6	1.633	2.570	9.0	18.6
11 17	4 13.83	+12 13.7	1.595	2.569	4.8	18.4
11 27	4 0.86	+13 7.5	1.587	2.567	3.2	18.3
12 7	3 48.11	+14 7.0	1.610	2.565	6.8	18.5
12 17	3 36.91	+15 10.9	1.662	2.562	11.0	18.7
12 27	3 28.29	+16 18.4	1.739	2.559	14.8	19.0

301779 2010 JL_{149} 11 25.0 185°.54 6°.3/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 30.39	+ 5 27.7	2.097	2.894	13.9	20.8
10 28	4 25.71	+ 4 14.7	2.022	2.894	11.3	20.6
11 7	4 18.93	+ 3 5.0	1.969	2.894	8.5	20.5
11 17	4 10.64	+ 2 4.1	1.943	2.893	6.6	20.3
11 27	4 1.68	+ 1 17.3	1.945	2.892	6.7	20.4
12 7	3 53.02	+ 0 48.3	1.975	2.890	8.7	20.5
12 17	3 45.53	+ 0 38.7	2.032	2.888	11.5	20.6
12 27	3 39.92	+ 0 48.3	2.111	2.886	14.1	20.8

483297 2015 UX_{13} 11 25.0 337°.94 0°.4/24.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 30.67	+20 30.5	1.864	2.669	15.1	21.8
10 28	4 26.47	+20 23.0	1.781	2.667	11.8	21.6
11 7	4 19.73	+20 10.3	1.720	2.665	8.0	21.4
11 17	4 11.09	+19 53.1	1.684	2.663	3.6	21.1
11 27	4 1.56	+19 33.1	1.676	2.662	1.1	20.9
12 7	3 52.32	+19 13.0	1.697	2.660	5.5	21.2
12 17	3 44.46	+18 56.2	1.745	2.659	9.7	21.5
12 27	3 38.86	+18 45.9	1.817	2.658	13.3	21.7

64698 2001 XY_{84} 11 25.0 40°.67 2°.1/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 33.73	+17 50.4	1.037	1.880	21.9	18.2
10 28	4 30.18	+17 35.2	0.987	1.894	17.1	18.0
11 7	4 22.78	+17 15.9	0.955	1.909	11.4	17.7
11 17	4 12.54	+16 54.7	0.944	1.925	5.3	17.4
11 27	4 1.23	+16 35.3	0.957	1.942	2.6	17.3
12 7	3 50.81	+16 22.0	0.994	1.959	8.1	17.7
12 17	3 42.88	+16 18.7	1.055	1.977	13.6	18.1
12 27	3 38.45	+16 27.8	1.135	1.996	18.2	18.4

458394 2010 XG_{12} 11 25.0 30°.81 3°.5/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 29.60	+11 22.2	1.952	2.759	14.4	20.6
10 28	4 25.30	+11 6.5	1.879	2.764	11.3	20.4
11 7	4 18.76	+10 53.0	1.828	2.770	7.8	20.2
11 17	4 10.58	+10 44.1	1.803	2.775	4.5	20.0
11 27	4 1.69	+10 42.2	1.806	2.781	3.8	20.0
12 7	3 53.13	+10 49.3	1.837	2.787	6.6	20.1
12 17	3 45.83	+11 6.3	1.896	2.794	10.0	20.4
12 27	3 40.54	+11 33.5	1.979	2.801	13.2	20.6

294885 2008 DO_{3} 11 25.0 128°.01 4°.3/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 29.67	+ 9 41.3	2.219	3.018	13.2	21.4
10 28	4 25.00	+ 8 54.3	2.147	3.027	10.4	21.2
11 7	4 18.37	+ 8 8.9	2.099	3.034	7.4	21.1
11 17	4 10.35	+ 7 28.7	2.077	3.042	4.9	20.9
11 27	4 1.76	+ 6 57.3	2.084	3.050	4.6	20.9
12 7	3 53.50	+ 6 37.7	2.120	3.057	6.9	21.1
12 17	3 46.38	+ 6 31.4	2.184	3.064	9.8	21.3
12 27	3 41.04	+ 6 38.7	2.272	3.070	12.5	21.5

324905 2007 VD_{207} 11 25.0 7°.20 4°.1/23.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 31.13	+15 18.1	1.189	2.027	20.0	20.7
10 28	4 27.92	+14 28.4	1.123	2.027	15.7	20.4
11 7	4 21.24	+13 34.7	1.076	2.028	10.7	20.2
11 17	4 11.90	+12 41.8	1.051	2.029	5.8	19.9
11 27	4 1.37	+11 56.1	1.050	2.030	4.6	19.8
12 7	3 51.39	+11 23.8	1.075	2.032	9.0	20.1
12 17	3 43.47	+11 9.1	1.122	2.035	14.0	20.4
12 27	3 38.71	+11 13.7	1.191	2.038	18.5	20.7

367969 2012 DU_{89} 11 25.0 209°.12 0°.7/25.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 29.76	+24 30.0	2.602	3.382	12.0	21.3
10 28	4 25.05	+24 15.9	2.507	3.378	9.4	21.2
11 7	4 18.43	+23 54.9	2.436	3.374	6.4	21.0
11 17	4 10.41	+23 27.2	2.392	3.369	3.1	20.7
11 27	4 1.75	+22 54.0	2.378	3.364	0.9	20.6
12 7	3 53.30	+22 17.9	2.395	3.358	4.1	20.8
12 17	3 45.87	+21 42.0	2.441	3.353	7.4	21.0
12 27	3 40.12	+21 9.7	2.515	3.347	10.4	21.2

180854 2005 GF_{169} 11 25.0 210°.16 2°.2/25.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 37.36	+25 28.7	1.646	2.440	17.3	21.1
10 28	4 32.30	+25 54.2	1.560	2.436	13.8	20.9
11 7	4 24.02	+26 12.0	1.495	2.433	9.6	20.6
11 17	4 13.18	+26 19.6	1.454	2.429	5.0	20.4
11 27	4 1.04	+26 15.8	1.440	2.424	2.3	20.2
12 7	3 49.18	+26 2.3	1.455	2.419	6.2	20.4
12 17	3 39.06	+25 43.5	1.497	2.414	10.8	20.7
12 27	3 31.82	+25 24.8	1.563	2.408	14.9	20.9

324299 2006 DC_{77} 11 25.0 54°.21 6°.4/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 28.72	+ 4 4.4	2.003	2.804	14.3	20.3
10 28	4 24.30	+ 3 8.8	1.952	2.826	11.5	20.1
11 7	4 17.88	+ 2 20.1	1.923	2.848	8.7	20.0
11 17	4 10.10	+ 1 42.9	1.920	2.870	6.7	19.9
11 27	4 1.85	+ 1 21.4	1.945	2.892	6.7	20.0
12 7	3 54.06	+ 1 17.4	1.996	2.914	8.5	20.1
12 17	3 47.54	+ 1 31.3	2.074	2.937	11.0	20.3
12 27	3 42.88	+ 2 1.3	2.175	2.959	13.4	20.5

469483 2002 TP_{153} 11 25.0 76°.39 3°.2/26.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 42.64	+28 18.8	1.480	2.267	19.2	22.1
10 28	4 36.06	+28 42.4	1.432	2.302	15.2	21.9
11 7	4 26.14	+28 53.4	1.403	2.336	10.6	21.7
11 17	4 13.90	+28 49.0	1.399	2.370	5.8	21.6
11 27	4 0.95	+28 29.4	1.422	2.403	3.2	21.5
12 7	3 48.98	+27 58.2	1.473	2.436	6.3	21.8
12 17	3 39.36	+27 21.8	1.552	2.468	10.5	22.1
12 27	3 32.92	+26 46.9	1.654	2.499	14.2	22.4

485884 2012 FP_{40} 11 25.0 179°.87 4°.0/27.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 33.16	+36 4.1	3.029	3.761	11.5	22.5
10 28	4 27.64	+36 27.1	2.935	3.762	9.5	22.3
11 7	4 20.14	+36 39.6	2.863	3.763	7.3	22.2
11 17	4 11.19	+36 39.6	2.818	3.763	5.1	22.1
11 27	4 1.57	+36 26.1	2.803	3.763	4.0	22.0
12 7	3 52.15	+36 0.2	2.817	3.762	4.9	22.0
12 17	3 43.78	+35 24.8	2.862	3.761	7.0	22.2
12 27	3 37.13	+34 44.1	2.934	3.759	9.2	22.3

359759 2011 UN_{99} 11 25.0 13°.32 1°.7/25.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 31.05	+25 26.9	1.620	2.427	17.0	21.2
10 28	4 27.23	+25 34.0	1.544	2.428	13.4	20.9
11 7	4 20.47	+25 31.8	1.488	2.431	9.2	20.7
11 17	4 11.49	+25 19.3	1.457	2.434	4.7	20.5
11 27	4 1.49	+24 57.2	1.452	2.437	1.8	20.3
12 7	3 51.90	+24 28.7	1.475	2.441	5.8	20.5
12 17	3 43.99	+23 58.4	1.524	2.445	10.3	20.8
12 27	3 38.73	+23 31.6	1.597	2.450	14.2	21.1

23601 1995 YC_5 11 25.0 119°.97 0°.9/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 37.28	+19 24.5	1.814	2.609	15.9	19.2
10 28	4 31.37	+19 13.7	1.747	2.627	12.4	19.0
11 7	4 22.83	+18 58.5	1.702	2.645	8.2	18.8
11 17	4 12.42	+18 39.5	1.683	2.662	3.7	18.6
11 27	4 1.29	+18 18.8	1.693	2.678	1.4	18.5
12 7	3 50.70	+17 59.2	1.733	2.694	5.7	18.8
12 17	3 41.75	+17 44.0	1.801	2.709	9.8	19.1
12 27	3 35.25	+17 36.1	1.893	2.723	13.3	19.3

10519 1990 RO_2 11 25.0 133°.82 2°.3/25.9 18 R

10 18	4 38.16	+27 36.6	1.597	2.388	17.9	18.5
10 28	4 32.75	+27 39.1	1.524	2.398	14.2	18.3
11 7	4 24.13	+27 29.6	1.471	2.407	9.9	18.1
11 17	4 13.13	+27 6.5	1.442	2.416	5.2	17.8
11 27	4 1.11	+26 30.3	1.441	2.425	2.4	17.7
12 7	3 49.67	+25 45.1	1.469	2.433	6.1	17.9
12 17	3 40.19	+24 57.0	1.523	2.441	10.6	18.2
12 27	3 33.66	+24 12.8	1.602	2.447	14.6	18.5

292408 2006 SL_{286} 11 25.0 348°.70 0°.5/25.2 17

10 18	4 30.87	+20 52.3	2.585	3.369	12.0	19.9
10 28	4 25.97	+21 22.9	2.494	3.368	9.4	19.7
11 7	4 19.10	+21 51.3	2.427	3.366	6.3	19.5
11 17	4 10.76	+22 16.7	2.388	3.365	3.0	19.3
11 27	4 1.69	+22 38.6	2.378	3.364	0.8	19.2
12 7	3 52.75	+22 57.4	2.400	3.364	4.2	19.4
12 17	3 44.78	+23 14.2	2.452	3.363	7.4	19.6
12 27	3 38.49	+23 30.9	2.530	3.362	10.3	19.8

265162 2003 WW_{82} 11 25.0 352°.38 10°.6/19.3 18

10 18	4 24.11	− 2 27.2	1.702	2.511	16.2	19.3
10 28	4 21.37	− 4 9.6	1.638	2.504	13.8	19.2
11 7	4 16.31	− 5 41.5	1.595	2.499	11.7	19.0
11 17	4 9.54	− 6 54.3	1.575	2.494	10.6	18.9
11 27	4 2.00	− 7 40.5	1.580	2.490	11.0	19.0
12 7	3 54.78	− 7 56.2	1.608	2.487	12.8	19.1
12 17	3 48.84	− 7 40.9	1.658	2.485	15.1	19.2
12 27	3 44.95	− 6 57.9	1.728	2.485	17.4	19.4

88688 2001 RK_{122} 11 25.0 314°.33 0°.9/25.4 18

10 18	4 31.04	+23 30.5	1.827	2.629	15.5	19.6
10 28	4 26.98	+23 36.8	1.739	2.621	12.3	19.3
11 7	4 20.23	+23 36.3	1.671	2.614	8.4	19.1
11 17	4 11.41	+23 28.4	1.629	2.607	4.0	18.8
11 27	4 1.54	+23 13.6	1.614	2.600	1.2	18.6
12 7	3 51.91	+22 54.5	1.628	2.593	5.5	18.9
12 17	3 43.70	+22 34.5	1.669	2.587	9.8	19.1
12 27	3 37.86	+22 17.9	1.734	2.581	13.6	19.3

217552 2007 GA_{25} 11 25.0 170°.12 1°.6/24.2 18

10 18	4 33.17	+20 1.8	1.962	2.759	14.8	20.7
10 28	4 28.12	+19 9.1	1.879	2.762	11.5	20.5
11 7	4 20.66	+18 8.9	1.820	2.764	7.7	20.3
11 17	4 11.47	+17 3.7	1.788	2.766	3.6	20.0
11 27	4 1.56	+15 57.6	1.785	2.768	2.0	19.9
12 7	3 52.04	+14 55.7	1.811	2.769	5.9	20.2
12 17	3 43.93	+14 2.9	1.867	2.770	9.8	20.4
12 27	3 38.01	+13 22.7	1.947	2.770	13.3	20.6

144793 2004 HD_{47} 11 25.0 288°.09 4°.0/23.5 18

10 18	4 30.07	+11 9.4	1.908	2.716	14.7	20.2
10 28	4 25.90	+10 41.0	1.821	2.706	11.6	20.0
11 7	4 19.34	+10 14.0	1.756	2.697	8.2	19.7
11 17	4 10.96	+ 9 51.3	1.717	2.688	4.9	19.5
11 27	4 1.70	+ 9 36.5	1.706	2.679	4.3	19.5
12 7	3 52.64	+ 9 32.2	1.723	2.670	7.2	19.6
12 17	3 44.83	+ 9 40.4	1.766	2.661	10.8	19.8
12 27	3 39.10	+10 1.5	1.834	2.653	14.2	20.0

84828 2003 AL 11 25.0 331°.78 2°.4/23.7 18

10 18	4 28.24	+18 58.2	1.704	2.521	15.8	18.8
10 28	4 24.76	+17 54.3	1.620	2.514	12.4	18.6
11 7	4 18.68	+16 42.0	1.558	2.507	8.3	18.3
11 17	4 10.67	+15 24.8	1.521	2.500	4.1	18.1
11 27	4 1.78	+14 8.4	1.512	2.494	2.9	18.0
12 7	3 53.23	+12 59.0	1.532	2.489	6.9	18.2
12 17	3 46.13	+12 2.5	1.577	2.483	11.1	18.5
12 27	3 41.35	+11 22.5	1.646	2.479	14.9	18.7

388678 2007 UH_{10} 11 25.0 75°.77 15°.1/16.2 18

10 18	4 31.27	−16 39.7	1.792	2.535	17.9	19.9
10 28	4 26.57	−19 14.8	1.769	2.555	16.4	19.9
11 7	4 19.54	−21 25.2	1.766	2.575	15.4	19.8
11 17	4 10.91	−23 1.3	1.785	2.596	15.1	19.9
11 27	4 1.75	−23 56.6	1.824	2.616	15.5	19.9
12 7	3 53.16	−24 10.3	1.884	2.636	16.4	20.1
12 17	3 46.07	−23 45.4	1.961	2.656	17.6	20.2
12 27	3 41.17	−22 48.3	2.053	2.675	18.7	20.4

13533 Junili 11 25.0 117°.79 0°.7/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 29.50	+19 22.1	2.502	3.292	12.1	18.9
10 28	4 24.79	+19 10.0	2.422	3.301	9.4	18.7
11 7	4 18.22	+18 54.4	2.367	3.310	6.3	18.6
11 17	4 10.33	+18 36.1	2.339	3.318	2.8	18.3
11 27	4 1.88	+18 16.8	2.341	3.326	1.1	18.2
12 7	3 53.71	+17 58.6	2.373	3.334	4.4	18.5
12 17	3 46.58	+17 43.8	2.435	3.342	7.7	18.7
12 27	3 41.13	+17 34.4	2.523	3.350	10.5	18.9

4967 Glia 11 25.0 60°.21 7°.0/21.9 18

10 18	4 28.47	− 0 29.8	2.299	3.084	13.2	16.3
10 28	4 24.04	− 1 11.8	2.229	3.087	11.0	16.2
11 7	4 17.75	− 1 44.9	2.182	3.090	8.8	16.0
11 17	4 10.12	− 2 4.8	2.161	3.094	7.3	16.0
11 27	4 1.94	− 2 8.0	2.166	3.097	7.3	16.0
12 7	3 54.02	− 1 52.9	2.200	3.100	8.8	16.1
12 17	3 47.16	− 1 19.9	2.259	3.104	10.9	16.2
12 27	3 41.96	− 0 30.8	2.342	3.107	13.1	16.4

284037 2004 YR_{19} 11 25.0 29°.89 2°.5/26.2 16

10 18	4 32.23	+28 28.4	1.574	2.374	17.6	21.1
10 28	4 28.26	+28 24.8	1.499	2.379	14.1	20.9
11 7	4 21.21	+28 8.0	1.445	2.383	9.9	20.6
11 17	4 11.86	+27 36.8	1.414	2.388	5.3	20.4
11 27	4 1.51	+26 52.4	1.410	2.393	2.6	20.2
12 7	3 51.67	+25 59.2	1.433	2.399	6.0	20.5
12 17	3 43.65	+25 3.6	1.483	2.405	10.5	20.7
12 27	3 38.43	+24 12.6	1.556	2.411	14.4	21.0

277101 2005 EB_{331} 11 25.0 276°.38 0°.1/25.1 18

10 18	4 31.54	+20 4.4	2.556	3.340	12.1	21.6
10 28	4 26.67	+20 21.1	2.443	3.318	9.5	21.4
11 7	4 19.73	+20 35.7	2.354	3.295	6.4	21.1
11 17	4 11.15	+20 47.7	2.293	3.272	3.0	20.9
11 27	4 1.65	+20 57.2	2.262	3.248	0.7	20.7
12 7	3 52.15	+21 5.0	2.262	3.224	4.4	20.9
12 17	3 43.53	+21 12.6	2.291	3.200	8.0	21.1
12 27	3 36.60	+21 22.0	2.347	3.176	11.1	21.3

482245 2011 HN_{29} 11 25.1 191°.40 1°.1/24.6 18

10 18	4 34.76	+18 18.8	1.904	2.702	15.1	21.8
10 28	4 29.59	+18 11.2	1.819	2.701	11.9	21.6
11 7	4 21.83	+18 0.2	1.756	2.699	8.0	21.3
11 17	4 12.11	+17 46.6	1.718	2.697	3.7	21.1
11 27	4 1.46	+17 32.2	1.710	2.695	1.6	20.9
12 7	3 51.09	+17 19.4	1.731	2.692	5.8	21.2
12 17	3 42.13	+17 11.1	1.780	2.689	9.9	21.4
12 27	3 35.46	+17 9.9	1.854	2.685	13.5	21.7

64225 2001 TD_{112} 11 25.1 127°.58 4°.6/27.1 18

10 18	4 36.62	+33 58.9	2.287	3.038	14.3	19.5
10 28	4 30.91	+34 41.2	2.207	3.048	11.7	19.4
11 7	4 22.65	+35 12.4	2.148	3.058	8.8	19.2
11 17	4 12.46	+35 29.1	2.116	3.068	6.0	19.0
11 27	4 1.38	+35 29.4	2.112	3.077	4.6	19.0
12 7	3 50.61	+35 14.5	2.138	3.086	5.9	19.1
12 17	3 41.28	+34 47.8	2.192	3.095	8.6	19.2
12 27	3 34.24	+34 14.8	2.272	3.103	11.3	19.4

454584 2014 PN_{26} 11 25.1 2°.98 6°.2/22.6 18

10 18	4 28.34	+ 5 13.5	1.881	2.689	14.9	20.8
10 28	4 24.42	+ 4 32.8	1.808	2.688	12.0	20.7
11 7	4 18.25	+ 3 58.1	1.758	2.688	9.0	20.5
11 17	4 10.43	+ 3 34.0	1.732	2.689	6.6	20.3
11 27	4 1.88	+ 3 24.5	1.733	2.689	6.5	20.3
12 7	3 53.62	+ 3 32.0	1.762	2.691	8.6	20.5
12 17	3 46.62	+ 3 56.8	1.816	2.692	11.6	20.7
12 27	3 41.64	+ 4 37.7	1.893	2.694	14.5	20.9

228909 2003 SZ_{145} 11 25.1 357°.46 3°.9/27.4 17

10 18	4 30.61	+34 24.1	2.100	2.867	14.9	19.9
10 28	4 26.39	+34 15.4	2.013	2.866	12.2	19.7
11 7	4 19.65	+33 51.6	1.946	2.865	9.0	19.5
11 17	4 11.08	+33 10.9	1.904	2.865	5.8	19.3
11 27	4 1.72	+32 14.2	1.890	2.864	3.9	19.2
12 7	3 52.76	+31 4.9	1.905	2.864	5.5	19.3
12 17	3 45.25	+29 49.0	1.949	2.865	8.7	19.5
12 27	3 40.00	+28 33.4	2.018	2.865	11.9	19.7

409734 2006 CS_{45} 11 25.1 308°.02 1°.2/25.6 17

10 18	4 29.94	+24 44.3	2.113	2.905	14.0	21.7
10 28	4 25.76	+24 46.3	2.022	2.899	11.1	21.5
11 7	4 19.23	+24 40.9	1.953	2.892	7.6	21.3
11 17	4 10.92	+24 27.9	1.909	2.886	3.8	21.1
11 27	4 1.75	+24 7.7	1.895	2.880	1.3	20.9
12 7	3 52.80	+23 42.9	1.909	2.874	4.9	21.1
12 17	3 45.08	+23 16.8	1.952	2.868	8.7	21.3
12 27	3 39.41	+22 53.4	2.020	2.862	12.1	21.5

373440 1999 TJ_{261} 11 25.1 39°.74 1°.4/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 32.50	+20 21.8	1.117	1.955	21.0	20.3
10 28	4 29.00	+19 50.7	1.067	1.971	16.4	20.1
11 7	4 21.88	+19 11.5	1.035	1.988	10.9	19.8
11 17	4 12.17	+18 26.9	1.025	2.006	4.9	19.6
11 27	4 1.51	+17 41.6	1.039	2.024	2.0	19.5
12 7	3 51.72	+17 1.9	1.078	2.044	7.6	19.9
12 17	3 44.27	+16 33.0	1.141	2.064	12.8	20.2
12 27	3 40.10	+16 18.6	1.225	2.084	17.3	20.5

492998 2014 SE_{191} 11 25.1 284°.49 2°.5/23.8 17

10 18	4 28.45	+14 34.7	2.223	3.025	13.1	21.9
10 28	4 24.28	+14 6.8	2.135	3.020	10.2	21.7
11 7	4 18.07	+13 37.6	2.071	3.015	7.0	21.5
11 17	4 10.35	+13 9.1	2.034	3.010	3.7	21.3
11 27	4 1.92	+12 44.3	2.025	3.004	2.8	21.2
12 7	3 53.71	+12 25.8	2.046	2.999	5.8	21.4
12 17	3 46.58	+12 15.9	2.095	2.994	9.1	21.6
12 27	3 41.24	+12 16.2	2.168	2.989	12.2	21.8

302614 2002 QE_{128} 11 25.1 141°.04 1°.7/25.9 18

10 18	4 34.66	+26 22.2	2.200	2.977	14.0	21.9
10 28	4 29.18	+26 28.2	2.120	2.987	11.1	21.7
11 7	4 21.36	+26 26.1	2.063	2.997	7.6	21.5
11 17	4 11.84	+26 14.9	2.032	3.006	4.0	21.3
11 27	4 1.57	+25 55.0	2.030	3.014	1.7	21.2
12 7	3 51.67	+25 28.7	2.059	3.022	4.8	21.4
12 17	3 43.12	+24 59.7	2.117	3.030	8.3	21.6
12 27	3 36.69	+24 32.1	2.201	3.037	11.5	21.8

263313 2008 CD_{36} 11 25.1 122°.64 0°.2/24.9 18

10 18	4 31.20	+21 53.4	2.111	2.905	14.0	21.4
10 28	4 26.51	+21 35.0	2.031	2.911	10.9	21.2
11 7	4 19.57	+21 10.2	1.974	2.917	7.3	21.0
11 17	4 11.02	+20 40.0	1.944	2.923	3.3	20.8
11 27	4 1.78	+20 6.2	1.943	2.929	0.9	20.6
12 7	3 52.88	+19 32.2	1.971	2.934	4.9	20.9
12 17	3 45.27	+19 1.3	2.028	2.940	8.7	21.2
12 27	3 39.68	+18 37.0	2.110	2.945	12.0	21.4

19600 1999 NV_{41} 11 25.1 330°.36 5°.7/26.8 18

10 18	4 32.68	+32 3.4	1.473	2.269	18.8	16.4
10 28	4 29.42	+32 53.5	1.387	2.258	15.5	16.1
11 7	4 22.56	+33 31.3	1.320	2.247	11.6	15.9
11 17	4 12.74	+33 51.4	1.275	2.237	7.7	15.6
11 27	4 1.31	+33 50.2	1.255	2.228	5.7	15.5
12 7	3 50.08	+33 28.7	1.261	2.219	7.9	15.6
12 17	3 40.78	+32 52.1	1.292	2.211	11.9	15.8
12 27	3 34.75	+32 8.9	1.345	2.204	16.0	16.0

374685 2006 QK_{70} 11 25.1 176°.26 2°.3/25.9 17

10 18	4 37.96	+27 5.2	1.752	2.537	16.7	22.0
10 28	4 32.51	+27 14.4	1.668	2.539	13.4	21.8
11 7	4 24.01	+27 13.4	1.606	2.541	9.3	21.6
11 17	4 13.18	+27 0.2	1.568	2.542	4.9	21.3
11 27	4 1.26	+26 34.9	1.559	2.542	2.3	21.2
12 7	3 49.73	+26 0.3	1.579	2.542	5.9	21.4
12 17	3 39.93	+25 21.6	1.626	2.541	10.2	21.6
12 27	3 32.88	+24 44.8	1.698	2.540	14.0	21.9

94078 2000 YC_{45} 11 25.1 84°.70 2°.9/23.9 18

10 18	4 30.76	+12 14.0	2.148	2.948	13.6	19.2
10 28	4 26.03	+12 3.3	2.073	2.955	10.6	19.0
11 7	4 19.20	+11 54.2	2.020	2.961	7.3	18.8
11 17	4 10.85	+11 48.4	1.994	2.968	4.0	18.6
11 27	4 1.83	+11 48.0	1.997	2.974	3.2	18.6
12 7	3 53.11	+11 54.6	2.029	2.981	5.9	18.8
12 17	3 45.57	+12 9.3	2.089	2.987	9.2	19.0
12 27	3 39.91	+12 32.6	2.175	2.994	12.2	19.2

291373 2006 BD_{276} 11 25.1 210°.99 0°.6/24.7 17

10 18	4 29.12	+19 43.9	2.642	3.430	11.6	22.0
10 28	4 24.51	+19 28.6	2.549	3.426	9.1	21.8
11 7	4 18.09	+19 9.4	2.479	3.421	6.1	21.6
11 17	4 10.33	+18 47.2	2.438	3.417	2.8	21.4
11 27	4 1.96	+18 23.5	2.426	3.411	1.0	21.2
12 7	3 53.77	+18 0.5	2.445	3.406	4.3	21.5
12 17	3 46.53	+17 40.7	2.494	3.400	7.5	21.7
12 27	3 40.87	+17 26.3	2.569	3.394	10.4	21.9

264792 2002 NJ_{10} 11 25.1 118°.92 2°.1/25.9 18

10 18	4 37.97	+27 48.9	1.676	2.463	17.3	21.0
10 28	4 32.38	+27 41.7	1.606	2.478	13.7	20.8
11 7	4 23.77	+27 22.2	1.557	2.493	9.5	20.6
11 17	4 12.99	+26 49.3	1.533	2.507	5.0	20.3
11 27	4 1.35	+26 4.4	1.536	2.520	2.2	20.2
12 7	3 50.35	+25 12.0	1.569	2.533	5.8	20.5
12 17	3 41.24	+24 18.2	1.629	2.546	10.1	20.7
12 27	3 34.92	+23 29.4	1.714	2.557	13.9	21.0

482960 2014 KK_{58} 11 25.1 324°.03 6°.6/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 35.88	+ 1 44.8	1.801	2.591	16.2	20.4
10 28	4 30.47	+ 1 46.9	1.721	2.588	13.2	20.2
11 7	4 22.44	+ 2 0.8	1.663	2.585	10.0	20.0
11 17	4 12.43	+ 2 30.2	1.629	2.582	7.3	19.9
11 27	4 1.46	+ 3 17.2	1.623	2.580	6.8	19.8
12 7	3 50.76	+ 4 21.5	1.646	2.577	8.9	19.9
12 17	3 41.47	+ 5 41.0	1.696	2.575	12.1	20.1
12 27	3 34.49	+ 7 12.1	1.770	2.573	15.3	20.3

38639 2000 NJ_{16} 11 25.1 33°.09 3°.4/24.2 18

10 18	4 32.75	+14 49.8	1.037	1.882	21.8	18.8
10 28	4 29.46	+14 33.0	0.986	1.894	17.0	18.6
11 7	4 22.38	+14 16.0	0.953	1.906	11.5	18.3
11 17	4 12.49	+14 2.1	0.940	1.920	5.8	18.0
11 27	4 1.48	+13 54.9	0.952	1.934	3.9	18.0
12 7	3 51.27	+13 58.0	0.987	1.949	8.7	18.3
12 17	3 43.45	+14 13.3	1.045	1.965	14.0	18.7
12 27	3 39.08	+14 41.5	1.123	1.982	18.5	19.0

464420 2016 BA_{27} 11 25.1 312°.66 4°.7/27.5 17

10 18	4 31.05	+34 53.2	2.207	2.967	14.4	21.0
10 28	4 26.85	+35 15.3	2.111	2.958	11.9	20.8
11 7	4 20.10	+35 24.8	2.036	2.949	9.0	20.6
11 17	4 11.39	+35 18.7	1.986	2.940	6.2	20.4
11 27	4 1.71	+34 55.7	1.964	2.931	4.7	20.3
12 7	3 52.25	+34 17.7	1.970	2.922	6.0	20.4
12 17	3 44.12	+33 28.9	2.003	2.914	8.9	20.5
12 27	3 38.23	+32 35.3	2.062	2.906	11.9	20.7

450906 2008 CL_{122} 11 25.1 356°.74 0°.5/24.9 17

10 18	4 29.87	+21 28.4	1.731	2.541	15.9	21.7
10 28	4 26.06	+21 7.2	1.651	2.540	12.4	21.5
11 7	4 19.59	+20 38.7	1.592	2.539	8.4	21.2
11 17	4 11.14	+20 4.2	1.558	2.538	3.8	20.9
11 27	4 1.79	+19 26.1	1.552	2.538	1.1	20.7
12 7	3 52.79	+18 48.6	1.573	2.538	5.8	21.1
12 17	3 45.28	+18 16.0	1.622	2.538	10.2	21.3
12 27	3 40.14	+17 52.2	1.694	2.539	14.0	21.6

304218 2006 QM_{146} 11 25.1 88°.44 2°.3/26.1 18

10 18	4 34.73	+27 26.8	1.930	2.713	15.5	21.0
10 28	4 29.53	+27 39.7	1.860	2.729	12.2	20.9
11 7	4 21.73	+27 43.2	1.811	2.745	8.5	20.7
11 17	4 12.04	+27 35.6	1.789	2.761	4.6	20.5
11 27	4 1.59	+27 17.4	1.794	2.777	2.3	20.3
12 7	3 51.61	+26 51.0	1.829	2.792	5.2	20.6
12 17	3 43.21	+26 20.7	1.891	2.807	9.0	20.8
12 27	3 37.19	+25 51.3	1.980	2.822	12.3	21.1

145519 2006 DD_{208} 11 25.1 281°.78 0°.6/24.7 18

10 18	4 28.73	+20 30.4	2.300	3.096	12.9	20.5
10 28	4 24.61	+20 9.8	2.199	3.081	10.1	20.3
11 7	4 18.38	+19 43.8	2.121	3.065	6.8	20.1
11 17	4 10.56	+19 13.3	2.070	3.049	3.1	19.8
11 27	4 1.93	+18 40.3	2.048	3.034	1.1	19.6
12 7	3 53.44	+18 7.8	2.056	3.018	4.9	19.9
12 17	3 45.99	+17 39.0	2.092	3.002	8.6	20.1
12 27	3 40.36	+17 16.9	2.154	2.986	11.9	20.3

319319 2006 BH_{166} 11 25.1 93°.98 4°.3/27.4 17

10 18	4 32.29	+34 24.5	2.303	3.060	14.0	20.8
10 28	4 27.57	+34 45.7	2.216	3.061	11.5	20.7
11 7	4 20.44	+34 54.8	2.150	3.062	8.6	20.5
11 17	4 11.49	+34 49.2	2.109	3.063	5.8	20.3
11 27	4 1.71	+34 28.0	2.096	3.064	4.3	20.2
12 7	3 52.21	+33 53.2	2.112	3.065	5.6	20.3
12 17	3 44.05	+33 8.6	2.157	3.066	8.4	20.5
12 27	3 38.04	+32 19.9	2.227	3.067	11.2	20.7

12902 1998 RW_{52} 11 25.1 252°.50 3°.6/26.7 18

10 18	4 32.64	+31 5.3	2.327	3.093	13.6	17.6
10 28	4 27.84	+31 36.0	2.234	3.089	11.1	17.4
11 7	4 20.65	+31 57.6	2.163	3.085	8.1	17.2
11 17	4 11.63	+32 7.5	2.118	3.080	5.1	17.0
11 27	4 1.69	+32 4.4	2.102	3.076	3.6	16.9
12 7	3 51.93	+31 49.5	2.115	3.072	5.3	17.0
12 17	3 43.39	+31 25.9	2.157	3.067	8.3	17.2
12 27	3 36.93	+30 58.1	2.224	3.063	11.3	17.4

7186 Tomioka 11 25.1 266°.32 4°.8/27.2 18

10 18	4 35.47	+33 53.6	1.711	2.486	17.5	17.1
10 28	4 31.10	+34 5.6	1.614	2.472	14.4	16.8
11 7	4 23.41	+34 1.6	1.536	2.457	10.8	16.6
11 17	4 13.06	+33 37.8	1.481	2.442	7.0	16.3
11 27	4 1.33	+32 52.5	1.454	2.427	4.8	16.2
12 7	3 49.85	+31 48.8	1.453	2.412	6.9	16.2
12 17	3 40.16	+30 33.5	1.480	2.397	10.9	16.4
12 27	3 33.43	+29 16.2	1.531	2.381	14.9	16.6

340984 2007 EW_{182} 11 25.1 199°.20 0°.1/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 33.72	+22 47.2	1.774	2.574	16.0	21.5
10 28	4 29.05	+22 31.8	1.690	2.572	12.6	21.2
11 7	4 21.61	+22 8.3	1.627	2.571	8.5	21.0
11 17	4 12.09	+21 37.1	1.590	2.569	3.9	20.7
11 27	4 1.60	+21 0.3	1.580	2.567	0.9	20.5
12 7	3 51.45	+20 21.5	1.600	2.564	5.7	20.8
12 17	3 42.85	+19 45.5	1.647	2.562	10.1	21.1
12 27	3 36.73	+19 16.7	1.718	2.559	14.0	21.3

163913 2003 SP_{246} 11 25.1 110°.41 7°.1/27.9 18

10 18	4 40.89	+38 22.8	1.945	2.685	16.8	19.9
10 28	4 35.01	+39 31.2	1.871	2.697	14.1	19.7
11 7	4 25.83	+40 25.0	1.817	2.709	11.2	19.6
11 17	4 14.09	+40 58.2	1.787	2.720	8.5	19.4
11 27	4 1.12	+41 6.9	1.784	2.731	7.1	19.4
12 7	3 48.55	+40 51.5	1.808	2.742	8.1	19.4
12 17	3 37.86	+40 17.0	1.860	2.753	10.5	19.6
12 27	3 30.16	+39 31.2	1.936	2.763	13.2	19.8

22925 1999 TH_{104} 11 25.1 66°.74 2°.2/26.0 18

10 18	4 36.31	+27 27.6	1.606	2.400	17.6	18.9
10 28	4 31.05	+27 29.5	1.550	2.426	13.9	18.7
11 7	4 22.83	+27 19.8	1.514	2.451	9.6	18.5
11 17	4 12.54	+26 57.5	1.503	2.477	5.0	18.3
11 27	4 1.54	+26 23.8	1.519	2.503	2.3	18.2
12 7	3 51.28	+25 42.8	1.563	2.528	5.7	18.4
12 17	3 42.97	+25 0.1	1.634	2.553	9.9	18.7
12 27	3 37.42	+24 21.6	1.730	2.578	13.5	19.0

445720 2011 UA_{283} 11 25.1 350°.40 2°.6/23.9 17

10 18	4 28.93	+16 41.9	1.646	2.465	16.2	21.4
10 28	4 25.39	+16 3.9	1.568	2.462	12.7	21.2
11 7	4 19.19	+15 21.6	1.511	2.459	8.6	20.9
11 17	4 10.99	+14 38.2	1.479	2.457	4.3	20.7
11 27	4 1.88	+13 57.7	1.474	2.455	3.0	20.6
12 7	3 53.11	+13 24.6	1.496	2.454	6.9	20.8
12 17	3 45.83	+13 2.6	1.544	2.453	11.1	21.1
12 27	3 40.92	+12 54.1	1.615	2.453	14.9	21.3

192154 2006 HN_{9} 11 25.1 114°.69 6°.9/19.8 18

10 18	4 27.57	+ 2 11.9	2.489	3.277	12.3	19.8
10 28	4 23.18	+ 0 28.4	2.423	3.284	10.1	19.7
11 7	4 17.11	− 1 10.6	2.382	3.291	8.1	19.5
11 17	4 9.88	− 2 39.2	2.368	3.297	6.9	19.5
11 27	4 2.16	− 3 51.9	2.383	3.304	7.3	19.5
12 7	3 54.74	− 4 44.9	2.427	3.310	8.8	19.6
12 17	3 48.28	− 5 16.7	2.497	3.316	10.9	19.8
12 27	3 43.35	− 5 27.8	2.589	3.322	12.8	19.9

108638 2001 NZ_{5} 11 25.1 224°.84 6°.7/22.0 18

10 18	4 30.19	− 2 42.7	2.712	3.478	11.9	19.5
10 28	4 25.17	− 3 10.9	2.628	3.471	10.0	19.3
11 7	4 18.46	− 3 29.9	2.568	3.464	8.1	19.2
11 17	4 10.52	− 3 36.2	2.533	3.456	6.9	19.1
11 27	4 2.01	− 3 26.9	2.527	3.448	6.9	19.1
12 7	3 53.67	− 3 0.8	2.549	3.440	8.2	19.2
12 17	3 46.20	− 2 18.3	2.599	3.431	10.1	19.3
12 27	3 40.20	− 1 21.2	2.673	3.423	12.1	19.4

436460 2011 CT_{113} 11 25.1 311°.15 0°.1/25.0 18

10 18	4 32.64	+22 25.1	1.442	2.259	18.2	21.9
10 28	4 28.86	+22 6.9	1.362	2.254	14.4	21.6
11 7	4 21.85	+21 39.5	1.302	2.250	9.7	21.4
11 17	4 12.31	+21 3.5	1.265	2.245	4.5	21.1
11 27	4 1.57	+20 21.5	1.255	2.241	1.1	20.8
12 7	3 51.21	+19 38.4	1.271	2.237	6.6	21.2
12 17	3 42.68	+18 59.9	1.313	2.233	11.7	21.4
12 27	3 37.07	+18 31.4	1.377	2.229	16.1	21.7

114730 2003 HH_{6} 11 25.1 26°.72 0°.6/24.8 18

10 18	4 30.00	+20 39.6	1.863	2.669	15.1	20.0
10 28	4 25.92	+20 22.7	1.785	2.672	11.8	19.8
11 7	4 19.38	+20 0.0	1.730	2.676	7.9	19.6
11 17	4 11.04	+19 32.6	1.700	2.679	3.6	19.3
11 27	4 1.90	+19 2.8	1.697	2.683	1.1	19.2
12 7	3 53.11	+18 34.0	1.724	2.687	5.5	19.5
12 17	3 45.71	+18 9.6	1.778	2.692	9.5	19.7
12 27	3 40.52	+17 53.0	1.856	2.697	13.1	20.0

454426 2014 OK_{3} 11 25.1 52°.72 0°.6/25.3 18

10 18	4 31.66	+22 51.6	1.880	2.680	15.2	20.9
10 28	4 27.09	+22 52.0	1.815	2.697	11.9	20.7
11 7	4 20.07	+22 45.9	1.772	2.714	8.0	20.5
11 17	4 11.31	+22 33.4	1.754	2.732	3.7	20.3
11 27	4 1.86	+22 15.6	1.764	2.750	0.9	20.1
12 7	3 52.88	+21 55.5	1.804	2.769	5.1	20.4
12 17	3 45.39	+21 36.2	1.870	2.787	9.0	20.7
12 27	3 40.14	+21 21.2	1.962	2.806	12.4	20.9

479423 2013 YG_{80} 11 25.1 285°.01 0°.9/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 33.16	+23 39.2	1.561	2.369	17.4	21.9
10 28	4 29.26	+23 39.3	1.469	2.355	13.9	21.6
11 7	4 22.18	+23 31.0	1.397	2.341	9.5	21.3
11 17	4 12.53	+23 13.4	1.349	2.328	4.6	21.0
11 27	4 1.52	+22 47.4	1.328	2.314	1.2	20.7
12 7	3 50.70	+22 16.2	1.334	2.300	6.3	21.0
12 17	3 41.55	+21 45.0	1.367	2.287	11.3	21.3
12 27	3 35.21	+21 19.3	1.422	2.273	15.7	21.5

272364 2005 SZ_{198} 11 25.1 115°.31 0°.7/24.8 18

10 18	4 36.49	+20 42.1	1.793	2.588	16.0	21.8
10 28	4 30.85	+20 21.8	1.726	2.606	12.5	21.6
11 7	4 22.58	+19 55.3	1.681	2.624	8.3	21.4
11 17	4 12.45	+19 23.8	1.661	2.641	3.8	21.2
11 27	4 1.60	+18 49.8	1.671	2.657	1.2	21.0
12 7	3 51.32	+18 16.8	1.710	2.673	5.7	21.4
12 17	3 42.68	+17 48.9	1.778	2.688	9.8	21.6
12 27	3 36.49	+17 29.5	1.869	2.702	13.4	21.9

517033 2012 XZ_{83} 11 25.1 325°.11 11°.0/22.4 18

10 18	4 33.94	− 7 43.3	1.748	2.521	17.2	20.6
10 28	4 28.99	− 8 22.4	1.679	2.517	14.9	20.5
11 7	4 21.45	− 8 43.8	1.629	2.513	12.7	20.3
11 17	4 12.00	− 8 40.7	1.602	2.510	11.2	20.2
11 27	4 1.69	− 8 8.3	1.599	2.506	11.1	20.2
12 7	3 51.71	− 7 6.0	1.622	2.503	12.5	20.3
12 17	3 43.19	− 5 36.8	1.669	2.500	14.8	20.4
12 27	3 36.97	− 3 46.3	1.737	2.497	17.2	20.6

509579 2008 CT_{191} 11 25.1 193°.51 0°.5/25.3 18

10 18	4 35.51	+23 31.5	1.649	2.449	17.0	22.2
10 28	4 30.70	+23 20.9	1.566	2.448	13.4	22.0
11 7	4 22.87	+23 1.6	1.504	2.447	9.1	21.7
11 17	4 12.73	+22 33.1	1.467	2.445	4.3	21.5
11 27	4 1.51	+21 57.4	1.457	2.443	1.0	21.2
12 7	3 50.67	+21 18.2	1.476	2.441	6.0	21.6
12 17	3 41.53	+20 40.7	1.522	2.438	10.7	21.8
12 27	3 35.10	+20 10.2	1.592	2.435	14.8	22.1

453627 2010 RX_{173} 11 25.1 31°.17 2°.3/26.2 17

10 18	4 31.43	+28 20.8	1.850	2.641	15.8	21.4
10 28	4 27.23	+28 18.4	1.771	2.644	12.6	21.2
11 7	4 20.37	+28 4.5	1.713	2.648	8.8	21.0
11 17	4 11.53	+27 38.2	1.679	2.652	4.8	20.8
11 27	4 1.82	+27 0.5	1.673	2.656	2.3	20.6
12 7	3 52.51	+26 14.9	1.696	2.661	5.4	20.8
12 17	3 44.73	+25 26.5	1.746	2.665	9.3	21.1
12 27	3 39.36	+24 41.0	1.821	2.670	12.9	21.3

402024 2003 SB_{88} 11 25.1 28°.53 4°.3/27.8 16

10 18	4 30.95	+35 28.3	1.625	2.407	18.0	19.5
10 28	4 27.11	+35 5.0	1.563	2.425	14.6	19.3
11 7	4 20.30	+34 21.8	1.520	2.444	10.7	19.1
11 17	4 11.43	+33 17.6	1.501	2.463	6.8	18.9
11 27	4 1.88	+31 54.9	1.508	2.484	4.4	18.9
12 7	3 53.09	+30 20.3	1.543	2.506	6.2	19.0
12 17	3 46.23	+28 42.5	1.606	2.528	9.8	19.3
12 27	3 42.07	+27 10.1	1.693	2.551	13.3	19.5

191276 2003 EZ_{26} 11 25.1 263°.52 1°.0/25.5 18

10 18	4 33.87	+24 10.9	1.729	2.528	16.4	21.3
10 28	4 29.52	+24 9.3	1.633	2.514	13.0	21.0
11 7	4 22.19	+23 59.2	1.558	2.500	9.0	20.8
11 17	4 12.50	+23 39.8	1.508	2.486	4.3	20.5
11 27	4 1.57	+23 11.9	1.485	2.471	1.3	20.2
12 7	3 50.80	+22 38.5	1.491	2.456	5.9	20.5
12 17	3 41.55	+22 4.5	1.524	2.441	10.6	20.7
12 27	3 34.91	+21 35.1	1.580	2.426	14.7	20.9

310109 2010 VQ_{30} 11 25.1 1°.94 0°.2/25.1 18

10 18	4 32.64	+19 44.6	1.785	2.590	15.7	20.4
10 28	4 28.25	+20 13.2	1.704	2.589	12.3	20.2
11 7	4 21.15	+20 39.7	1.644	2.589	8.3	19.9
11 17	4 11.95	+21 3.3	1.610	2.589	3.8	19.7
11 27	4 1.72	+21 23.5	1.603	2.590	0.9	19.4
12 7	3 51.73	+21 41.0	1.626	2.591	5.5	19.8
12 17	3 43.19	+21 57.5	1.675	2.592	9.8	20.0
12 27	3 37.05	+22 15.4	1.749	2.594	13.6	20.3

16201 2000 CK_{1} 11 25.1 172°.31 0°.1/25.0 18

10 18	4 35.70	+21 32.7	1.975	2.765	14.9	19.5
10 28	4 30.26	+21 24.1	1.891	2.768	11.7	19.3
11 7	4 22.27	+21 9.5	1.830	2.771	7.9	19.1
11 17	4 12.39	+20 49.1	1.795	2.773	3.6	18.8
11 27	4 1.64	+20 24.4	1.789	2.775	0.9	18.6
12 7	3 51.23	+19 58.4	1.813	2.776	5.3	18.9
12 17	3 42.25	+19 34.5	1.865	2.776	9.4	19.2
12 27	3 35.55	+19 16.4	1.943	2.776	12.9	19.4

263855 2009 BS_{145} 11 25.1 139°.29 0°.5/25.3 14 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 38.44	+22 49.2	1.540	2.340	18.0	22.4
10 28	4 33.06	+22 48.5	1.467	2.350	14.1	22.2
11 7	4 24.46	+22 40.1	1.415	2.358	9.6	21.9
11 17	4 13.46	+22 23.4	1.388	2.366	4.5	21.7
11 27	4 1.40	+21 59.5	1.387	2.374	1.1	21.4
12 7	3 49.87	+21 31.9	1.416	2.381	6.2	21.8
12 17	3 40.27	+21 5.6	1.471	2.387	11.0	22.1
12 27	3 33.60	+20 45.4	1.549	2.393	15.1	22.4

371275 2006 DE_{96} 11 25.1 227°.47 2°.8/25.9 16

10 18	4 37.21	+26 53.5	1.434	2.236	19.0	22.2
10 28	4 32.74	+27 13.1	1.352	2.233	15.2	21.9
11 7	4 24.67	+27 22.1	1.290	2.229	10.7	21.7
11 17	4 13.72	+27 17.6	1.250	2.225	5.8	21.4
11 27	4 1.32	+26 58.7	1.237	2.220	2.8	21.2
12 7	3 49.26	+26 28.2	1.251	2.216	6.8	21.4
12 17	3 39.23	+25 52.0	1.290	2.211	11.8	21.7
12 27	3 32.45	+25 17.5	1.353	2.206	16.2	22.0

22636 1998 MV_{13} 11 25.1 359°.45 10°.0/ 1.5 18

10 18	4 37.80	+48 4.9	1.640	2.360	20.2	17.8
10 28	4 33.55	+48 23.8	1.558	2.358	17.7	17.7
11 7	4 25.25	+48 15.3	1.493	2.358	14.8	17.5
11 17	4 13.90	+47 31.9	1.448	2.357	12.1	17.3
11 27	4 1.32	+46 10.1	1.427	2.357	10.2	17.2
12 7	3 49.59	+44 14.1	1.430	2.358	10.4	17.2
12 17	3 40.45	+41 54.3	1.460	2.359	12.4	17.3
12 27	3 34.98	+39 25.2	1.514	2.361	15.2	17.5

384648 2011 EA_{86} 11 25.1 187°.74 3°.6/26.3 18

10 18	4 38.99	+28 49.7	1.912	2.685	16.0	21.7
10 28	4 33.32	+29 31.6	1.824	2.685	12.9	21.5
11 7	4 24.64	+30 5.0	1.757	2.684	9.3	21.3
11 17	4 13.60	+30 26.3	1.716	2.683	5.5	21.1
11 27	4 1.36	+30 33.4	1.703	2.681	3.6	20.9
12 7	3 49.34	+30 26.8	1.720	2.678	6.0	21.1
12 17	3 38.90	+30 10.3	1.764	2.676	9.8	21.3
12 27	3 31.11	+29 49.4	1.834	2.672	13.4	21.5

269828 2000 AR_{207} 11 25.1 225°.00 4°.2/22.6 18

10 18	4 27.79	+ 7 27.8	2.774	3.563	11.1	21.6
10 28	4 23.35	+ 6 49.3	2.683	3.555	8.9	21.4
11 7	4 17.29	+ 6 13.2	2.617	3.547	6.5	21.2
11 17	4 10.04	+ 5 42.4	2.578	3.538	4.5	21.1
11 27	4 2.23	+ 5 19.8	2.569	3.529	4.4	21.1
12 7	3 54.58	+ 5 7.7	2.590	3.519	6.2	21.2
12 17	3 47.74	+ 5 7.3	2.639	3.509	8.7	21.3
12 27	3 42.30	+ 5 18.9	2.713	3.499	11.0	21.5

136906 1998 HX_{83} 11 25.1 124°.88 0°.8/24.8 18

10 18	4 38.25	+19 29.4	1.865	2.655	15.7	21.0
10 28	4 32.14	+19 20.7	1.797	2.674	12.2	20.8
11 7	4 23.43	+19 7.5	1.751	2.693	8.1	20.6
11 17	4 12.87	+18 50.6	1.731	2.710	3.7	20.4
11 27	4 1.58	+18 31.6	1.741	2.727	1.3	20.3
12 7	3 50.83	+18 13.3	1.781	2.742	5.6	20.6
12 17	3 41.69	+17 58.9	1.849	2.757	9.6	20.9
12 27	3 34.96	+17 51.3	1.943	2.771	13.1	21.1

189811 2002 LB_{53} 11 25.1 95°.62 0°.4/24.8 18

10 18	4 30.42	+21 21.5	2.466	3.253	12.4	20.6
10 28	4 25.47	+20 54.0	2.396	3.273	9.6	20.4
11 7	4 18.68	+20 21.1	2.350	3.292	6.4	20.2
11 17	4 10.63	+19 44.1	2.332	3.311	2.9	20.0
11 27	4 2.12	+19 5.2	2.344	3.329	0.9	19.9
12 7	3 53.98	+18 27.4	2.386	3.348	4.3	20.2
12 17	3 46.98	+17 53.6	2.458	3.366	7.6	20.4
12 27	3 41.69	+17 26.5	2.556	3.384	10.4	20.6

321392 2009 PA_{13} 11 25.1 104°.71 0°.5/24.9 18

10 18	4 30.58	+20 26.0	2.240	3.034	13.3	21.5
10 28	4 25.92	+20 13.5	2.162	3.042	10.3	21.4
11 7	4 19.18	+19 56.5	2.107	3.050	6.9	21.2
11 17	4 10.93	+19 35.6	2.078	3.057	3.1	20.9
11 27	4 2.04	+19 12.6	2.079	3.065	1.0	20.8
12 7	3 53.46	+18 50.1	2.110	3.072	4.7	21.1
12 17	3 46.07	+18 30.8	2.169	3.080	8.3	21.3
12 27	3 40.56	+18 17.3	2.255	3.087	11.4	21.5

370602 2003 WK_{132} 11 25.1 5°.81 0°.5/24.9 18

10 18	4 27.28	+20 41.3	0.965	1.821	22.2	20.5
10 28	4 25.84	+20 38.0	0.906	1.820	17.4	20.2
11 7	4 20.41	+20 26.9	0.864	1.821	11.8	19.9
11 17	4 11.84	+20 8.9	0.842	1.824	5.4	19.6
11 27	4 1.82	+19 47.0	0.842	1.828	1.5	19.3
12 7	3 52.42	+19 26.2	0.865	1.834	8.0	19.8
12 17	3 45.42	+19 11.9	0.909	1.842	13.9	20.1
12 27	3 42.06	+19 8.7	0.973	1.851	19.0	20.4

94021 2000 XJ_{33} 11 25.1 224°.43 2°.0/26.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 32.88	+26 45.8	2.496	3.267	12.7	19.5
10 28	4 27.80	+27 7.7	2.397	3.260	10.1	19.3
11 7	4 20.55	+27 23.2	2.322	3.253	7.1	19.1
11 17	4 11.63	+27 30.7	2.274	3.245	3.9	18.9
11 27	4 1.86	+27 29.7	2.256	3.238	2.1	18.8
12 7	3 52.22	+27 21.3	2.268	3.229	4.5	18.9
12 17	3 43.66	+27 7.9	2.309	3.221	7.8	19.1
12 27	3 36.94	+26 53.1	2.377	3.212	10.8	19.3

494755 2005 YR_{143} 11 25.1 261°.44 2°.8/26.7 17

10 18	4 32.43	+31 20.4	2.791	3.546	11.9	22.7
10 28	4 27.40	+31 27.5	2.672	3.521	9.7	22.5
11 7	4 20.27	+31 25.3	2.576	3.495	7.1	22.3
11 17	4 11.52	+31 12.1	2.506	3.469	4.3	22.1
11 27	4 1.89	+30 47.3	2.467	3.443	2.8	21.9
12 7	3 52.31	+30 12.5	2.458	3.416	4.5	22.0
12 17	3 43.68	+29 30.7	2.479	3.388	7.4	22.2
12 27	3 36.78	+28 46.4	2.527	3.360	10.3	22.3

415680 2014 RC_{23} 11 25.1 312°.48 4°.5/23.5 17

10 18	4 29.99	+ 8 40.5	1.996	2.800	14.3	20.5
10 28	4 25.76	+ 8 21.8	1.910	2.792	11.4	20.3
11 7	4 19.27	+ 8 6.9	1.847	2.784	8.1	20.1
11 17	4 11.06	+ 7 58.9	1.809	2.776	5.2	19.9
11 27	4 2.01	+ 8 0.7	1.799	2.769	4.7	19.9
12 7	3 53.15	+ 8 14.2	1.818	2.761	7.2	20.0
12 17	3 45.46	+ 8 40.1	1.863	2.754	10.6	20.2
12 27	3 39.75	+ 9 18.1	1.933	2.747	13.7	20.4

450897 2008 BO_{32} 11 25.1 326°.98 5°.7/27.3 17

10 18	4 32.44	+34 18.8	1.716	2.495	17.3	21.2
10 28	4 28.79	+34 58.1	1.626	2.484	14.3	20.9
11 7	4 21.92	+35 23.6	1.556	2.474	10.9	20.7
11 17	4 12.47	+35 30.8	1.509	2.464	7.5	20.5
11 27	4 1.66	+35 17.0	1.487	2.455	5.7	20.4
12 7	3 51.07	+34 43.7	1.492	2.446	7.3	20.4
12 17	3 42.20	+33 56.0	1.523	2.438	10.8	20.6
12 27	3 36.20	+33 2.0	1.578	2.431	14.4	20.8

227283 2005 SC_{169} 11 25.1 284°.28 1°.3/25.6 18

10 18	4 32.93	+25 30.9	1.570	2.376	17.5	20.4
10 28	4 29.13	+25 21.6	1.476	2.360	14.0	20.1
11 7	4 22.13	+25 1.1	1.402	2.345	9.7	19.8
11 17	4 12.56	+24 28.4	1.352	2.329	4.8	19.5
11 27	4 1.65	+23 44.8	1.328	2.314	1.5	19.2
12 7	3 50.93	+22 54.4	1.332	2.299	6.3	19.5
12 17	3 41.89	+22 3.6	1.362	2.283	11.3	19.8
12 27	3 35.69	+21 19.1	1.416	2.268	15.7	20.0

110296 2001 SR_{265} 11 25.1 99°.82 1°.7/25.8 18

10 18	4 33.13	+25 36.5	2.030	2.817	14.7	20.0
10 28	4 28.29	+25 48.9	1.951	2.824	11.6	19.8
11 7	4 20.98	+25 53.6	1.893	2.830	8.0	19.6
11 17	4 11.83	+25 49.6	1.862	2.837	4.1	19.4
11 27	4 1.86	+25 37.2	1.859	2.843	1.8	19.2
12 7	3 52.22	+25 18.4	1.885	2.849	5.0	19.5
12 17	3 43.97	+24 56.6	1.940	2.856	8.8	19.7
12 27	3 37.94	+24 36.1	2.020	2.862	12.1	19.9

329058 2011 AK_{68} 11 25.1 4°.45 1°.9/26.0 17

10 18	4 29.56	+27 1.7	1.923	2.717	15.1	21.1
10 28	4 25.73	+27 3.2	1.841	2.717	12.0	20.9
11 7	4 19.37	+26 55.0	1.780	2.718	8.4	20.7
11 17	4 11.13	+26 36.3	1.744	2.719	4.4	20.5
11 27	4 2.02	+26 7.9	1.736	2.720	2.0	20.3
12 7	3 53.24	+25 32.9	1.756	2.722	5.2	20.5
12 17	3 45.86	+24 55.4	1.804	2.724	9.1	20.8
12 27	3 40.72	+24 20.3	1.877	2.727	12.6	21.0

147719 2005 LL_{48} 11 25.1 57°.54 4°.1/26.8 18

10 18	4 41.99	+30 51.4	1.272	2.068	21.3	19.1
10 28	4 36.06	+31 8.4	1.232	2.105	16.9	19.0
11 7	4 26.40	+31 8.4	1.210	2.142	12.0	18.8
11 17	4 14.22	+30 48.5	1.211	2.179	7.0	18.6
11 27	4 1.36	+30 9.6	1.237	2.216	4.1	18.6
12 7	3 49.74	+29 17.5	1.290	2.253	7.0	18.8
12 17	3 40.78	+28 20.6	1.369	2.290	11.3	19.2
12 27	3 35.31	+27 27.5	1.471	2.326	15.1	19.5

442448 2011 UT_{200} 11 25.1 60°.00 1°.4/24.8 18

10 18	4 35.43	+15 39.2	1.721	2.525	16.2	20.3
10 28	4 30.28	+16 2.2	1.652	2.536	12.7	20.1
11 7	4 22.41	+16 26.1	1.603	2.548	8.5	19.8
11 17	4 12.51	+16 50.7	1.581	2.560	4.0	19.6
11 27	4 1.71	+17 16.3	1.587	2.572	1.7	19.5
12 7	3 51.32	+17 43.2	1.621	2.584	5.9	19.8
12 17	3 42.50	+18 12.5	1.684	2.596	10.1	20.1
12 27	3 36.15	+18 45.3	1.771	2.608	13.8	20.3

88984 2001 TW_{67} 11 25.1 339°.76 0°.5/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 28.87	+21 35.7	1.214	2.050	19.8	18.5
10 28	4 26.68	+21 49.1	1.134	2.037	15.7	18.2
11 7	4 20.88	+21 56.3	1.073	2.025	10.7	17.9
11 17	4 12.12	+21 56.7	1.033	2.014	5.1	17.5
11 27	4 1.77	+21 50.8	1.018	2.004	1.2	17.2
12 7	3 51.65	+21 41.5	1.027	1.995	7.2	17.6
12 17	3 43.50	+21 33.1	1.059	1.988	12.9	17.9
12 27	3 38.64	+21 30.5	1.113	1.982	17.8	18.1

458673 2011 HZ_{8} 11 25.1 301°.53 0°.8/25.4 18

10 18	4 31.72	+21 47.3	2.295	3.083	13.2	20.8
10 28	4 27.08	+22 16.3	2.197	3.072	10.4	20.6
11 7	4 20.19	+22 42.5	2.121	3.061	7.1	20.4
11 17	4 11.53	+23 4.7	2.073	3.050	3.4	20.1
11 27	4 1.93	+23 22.4	2.054	3.039	1.0	19.9
12 7	3 52.42	+23 36.2	2.064	3.029	4.7	20.2
12 17	3 43.96	+23 47.4	2.104	3.018	8.3	20.4
12 27	3 37.40	+23 58.6	2.170	3.007	11.6	20.6

373181 2012 DO_{46} 11 25.1 139°.22 0°.6/25.3 18

10 18	4 36.15	+22 36.7	1.423	2.234	18.7	21.3
10 28	4 31.67	+22 41.7	1.348	2.236	14.8	21.0
11 7	4 23.79	+22 39.4	1.292	2.238	10.0	20.8
11 17	4 13.29	+22 28.7	1.260	2.239	4.7	20.5
11 27	4 1.53	+22 10.7	1.254	2.241	1.2	20.2
12 7	3 50.22	+21 48.6	1.276	2.242	6.5	20.6
12 17	3 40.86	+21 27.2	1.323	2.243	11.6	20.9
12 27	3 34.58	+21 11.6	1.393	2.244	16.0	21.1

487829 2015 TF_{73} 11 25.1 48°.04 3°.8/26.3 18

10 18	4 35.52	+28 53.2	1.924	2.703	15.7	20.7
10 28	4 30.53	+29 45.5	1.845	2.709	12.6	20.5
11 7	4 22.72	+30 29.8	1.788	2.715	9.1	20.3
11 17	4 12.73	+31 2.4	1.756	2.722	5.6	20.1
11 27	4 1.66	+31 21.2	1.752	2.728	3.8	20.0
12 7	3 50.87	+31 26.4	1.777	2.735	6.0	20.2
12 17	3 41.61	+31 21.1	1.829	2.741	9.4	20.4
12 27	3 34.86	+31 10.3	1.906	2.748	12.7	20.6

279341 2009 YM_{7} 11 25.1 292°.08 0°.3/24.9 18

10 18	4 32.58	+21 40.5	1.580	2.391	17.1	21.1
10 28	4 28.56	+21 23.3	1.497	2.386	13.5	20.8
11 7	4 21.55	+20 58.3	1.434	2.381	9.1	20.6
11 17	4 12.23	+20 26.1	1.396	2.376	4.2	20.3
11 27	4 1.79	+19 49.3	1.385	2.371	1.1	20.0
12 7	3 51.68	+19 12.1	1.402	2.366	6.3	20.4
12 17	3 43.24	+18 39.3	1.444	2.362	11.1	20.7
12 27	3 37.47	+18 15.6	1.510	2.357	15.2	20.9

276786 2004 KD_{1} 11 25.1 110°.05 4°.2/26.9 17 R

10 18	4 54.81	+33 20.3	1.176	1.953	23.8	20.6
10 28	4 46.37	+33 1.4	1.125	1.987	19.1	20.4
11 7	4 33.41	+32 19.2	1.092	2.019	13.6	20.2
11 17	4 17.41	+31 9.9	1.081	2.049	7.8	20.0
11 27	4 0.68	+29 36.3	1.098	2.078	4.2	19.9
12 7	3 45.66	+27 48.9	1.142	2.105	7.7	20.2
12 17	3 34.06	+26 1.5	1.213	2.130	12.7	20.5
12 27	3 26.76	+24 26.4	1.307	2.153	17.2	20.9

55615 2002 TL_{65} 11 25.1 185°.19 4°.9/27.6 18

10 18	4 38.14	+36 42.2	2.633	3.361	13.1	19.4
10 28	4 32.01	+37 21.4	2.538	3.362	10.9	19.2
11 7	4 23.44	+37 49.2	2.466	3.361	8.5	19.1
11 17	4 13.00	+38 2.2	2.419	3.360	6.1	18.9
11 27	4 1.63	+37 58.4	2.402	3.358	4.9	18.8
12 7	3 50.45	+37 38.4	2.415	3.355	5.9	18.9
12 17	3 40.53	+37 5.4	2.457	3.352	8.2	19.0
12 27	3 32.74	+36 24.8	2.525	3.348	10.6	19.2

326762 2003 SN_{131} 11 25.1 16°.49 2°.2/25.7 18

10 18	4 30.22	+24 25.5	0.972	1.819	22.7	19.4
10 28	4 28.22	+24 49.8	0.918	1.825	18.0	19.2
11 7	4 22.04	+25 3.4	0.880	1.832	12.4	18.9
11 17	4 12.61	+25 4.1	0.861	1.840	6.2	18.6
11 27	4 1.74	+24 52.2	0.865	1.851	2.4	18.4
12 7	3 51.60	+24 31.5	0.892	1.862	7.7	18.8
12 17	3 44.07	+24 8.8	0.942	1.875	13.4	19.1
12 27	3 40.33	+23 50.9	1.011	1.890	18.4	19.5

103394 2000 AO_{127} 11 25.1 228°.54 4°.8/22.7 18

10 18	4 30.94	+ 8 1.6	2.250	3.044	13.2	19.6
10 28	4 26.23	+ 7 17.9	2.160	3.034	10.6	19.5
11 7	4 19.46	+ 6 36.5	2.093	3.024	7.7	19.3
11 17	4 11.15	+ 6 1.0	2.052	3.014	5.3	19.1
11 27	4 2.08	+ 5 35.1	2.041	3.003	5.1	19.1
12 7	3 53.19	+ 5 22.0	2.058	2.991	7.3	19.2
12 17	3 45.35	+ 5 23.1	2.103	2.979	10.3	19.3
12 27	3 39.29	+ 5 38.7	2.173	2.966	13.1	19.5

38432 1999 RU_{235} 11 25.1 93°.21 3°.6/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 30.82	+10 22.2	2.166	2.964	13.5	19.0
10 28	4 26.09	+10 5.2	2.092	2.972	10.6	18.8
11 7	4 19.31	+ 9 50.8	2.040	2.979	7.4	18.7
11 17	4 11.04	+ 9 41.2	2.015	2.985	4.5	18.5
11 27	4 2.12	+ 9 38.9	2.020	2.992	3.8	18.5
12 7	3 53.50	+ 9 45.5	2.053	2.999	6.3	18.6
12 17	3 46.04	+10 2.0	2.114	3.006	9.4	18.8
12 27	3 40.43	+10 28.4	2.200	3.013	12.3	19.0

490565 2009 WK_{39} 11 25.1 358°.02 1°.2/25.4 18

10 18	4 28.00	+22 27.0	1.071	1.916	21.2	20.6
10 28	4 26.29	+22 47.5	1.004	1.911	16.8	20.3
11 7	4 20.74	+23 0.6	0.954	1.908	11.5	20.0
11 17	4 12.07	+23 5.1	0.925	1.906	5.5	19.7
11 27	4 1.87	+23 1.3	0.919	1.905	1.6	19.4
12 7	3 52.10	+22 52.0	0.937	1.906	7.4	19.8
12 17	3 44.58	+22 42.3	0.977	1.909	13.2	20.1
12 27	3 40.58	+22 37.6	1.037	1.914	18.2	20.4

40359 1999 NT_{20} 11 25.1 161°.83 3°.7/26.7 18

10 18	4 38.86	+31 1.6	1.741	2.516	17.2	19.4
10 28	4 33.36	+31 12.6	1.660	2.522	13.9	19.2
11 7	4 24.70	+31 10.0	1.600	2.526	10.0	19.0
11 17	4 13.65	+30 51.1	1.564	2.530	6.0	18.8
11 27	4 1.52	+30 15.2	1.555	2.534	3.7	18.6
12 7	3 49.87	+29 25.8	1.576	2.537	6.2	18.8
12 17	3 40.08	+28 29.2	1.624	2.539	10.2	19.0
12 27	3 33.15	+27 32.9	1.696	2.541	13.9	19.3

86673 2000 FB_{23} 11 25.1 337°.90 2°.9/24.6 18

10 18	4 32.90	+13 9.5	1.261	2.092	19.5	18.7
10 28	4 29.55	+13 25.6	1.183	2.082	15.5	18.4
11 7	4 22.67	+13 46.2	1.124	2.073	10.6	18.1
11 17	4 12.93	+14 12.7	1.087	2.065	5.4	17.8
11 27	4 1.66	+14 46.1	1.075	2.058	3.2	17.6
12 7	3 50.60	+15 26.9	1.089	2.052	8.0	17.9
12 17	3 41.43	+16 15.1	1.127	2.047	13.3	18.2
12 27	3 35.43	+17 10.7	1.187	2.042	17.9	18.5

78551 2002 RQ_{134} 11 25.1 100°.01 1°.1/24.6 18

10 18	4 30.65	+17 0.0	2.523	3.313	12.1	19.4
10 28	4 25.70	+16 59.8	2.448	3.326	9.4	19.3
11 7	4 18.92	+16 58.1	2.397	3.339	6.2	19.1
11 17	4 10.83	+16 55.6	2.373	3.351	2.9	18.9
11 27	4 2.20	+16 53.6	2.379	3.364	1.4	18.8
12 7	3 53.84	+16 53.5	2.416	3.376	4.5	19.0
12 17	3 46.51	+16 56.7	2.482	3.388	7.6	19.3
12 27	3 40.84	+17 4.6	2.575	3.400	10.4	19.5

344505 2002 QJ_{149} 11 25.1 154°.45 0°.9/25.6 18

10 18	4 33.19	+24 51.7	2.022	2.810	14.7	20.9
10 28	4 28.32	+24 40.2	1.939	2.814	11.6	20.7
11 7	4 21.00	+24 20.2	1.878	2.818	7.9	20.5
11 17	4 11.87	+23 51.5	1.844	2.821	3.8	20.2
11 27	4 1.95	+23 15.7	1.838	2.824	1.1	20.0
12 7	3 52.38	+22 36.0	1.862	2.827	5.0	20.3
12 17	3 44.20	+21 56.8	1.914	2.829	8.9	20.6
12 27	3 38.23	+21 22.5	1.992	2.831	12.4	20.8

223143 2002 WK_{3} 11 25.1 32°.45 4°.0/26.6 18

10 18	4 33.56	+29 34.1	1.170	1.989	21.4	20.2
10 28	4 30.29	+29 53.4	1.113	2.001	17.2	19.9
11 7	4 23.12	+29 56.7	1.073	2.014	12.2	19.7
11 17	4 13.01	+29 41.0	1.055	2.027	7.0	19.5
11 27	4 1.71	+29 6.4	1.060	2.042	4.0	19.3
12 7	3 51.20	+28 18.1	1.091	2.057	7.3	19.6
12 17	3 43.15	+27 24.3	1.145	2.073	12.2	19.9
12 27	3 38.63	+26 33.9	1.221	2.090	16.6	20.2

511869 2015 GP_{24} 11 25.1 103°.03 2°.8/24.3 18

10 18	4 36.30	+13 57.1	1.641	2.446	16.8	21.0
10 28	4 31.00	+13 50.1	1.574	2.459	13.2	20.8
11 7	4 22.90	+13 43.8	1.528	2.472	8.9	20.6
11 17	4 12.76	+13 40.0	1.508	2.485	4.6	20.4
11 27	4 1.77	+13 40.6	1.516	2.497	3.1	20.3
12 7	3 51.27	+13 47.6	1.552	2.509	6.8	20.6
12 17	3 42.45	+14 2.7	1.615	2.521	10.9	20.8
12 27	3 36.17	+14 26.6	1.702	2.532	14.6	21.1

18586 1997 YD_{3} 11 25.1 275°.63 4°.0/23.6 18

10 18	4 32.08	+12 28.4	1.752	2.562	15.8	18.0
10 28	4 27.92	+11 55.6	1.657	2.544	12.5	17.8
11 7	4 21.06	+11 22.3	1.582	2.525	8.8	17.5
11 17	4 12.06	+10 51.9	1.533	2.507	5.1	17.2
11 27	4 1.90	+10 28.1	1.512	2.488	4.3	17.2
12 7	3 51.85	+10 14.9	1.518	2.468	7.7	17.3
12 17	3 43.11	+10 14.7	1.550	2.449	11.8	17.5
12 27	3 36.71	+10 29.2	1.606	2.430	15.6	17.7

317194 2001 YG_{103} 11 25.1 311°.37 1°.5/25.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 29.75	+26 23.3	1.763	2.564	16.0	20.5
10 28	4 26.54	+26 11.4	1.649	2.530	12.9	20.3
11 7	4 20.41	+25 47.7	1.555	2.497	9.0	20.0
11 17	4 11.86	+25 11.4	1.486	2.463	4.6	19.6
11 27	4 1.92	+24 23.1	1.444	2.429	1.6	19.3
12 7	3 51.94	+23 26.7	1.430	2.396	5.9	19.5
12 17	3 43.29	+22 28.0	1.442	2.363	10.8	19.7
12 27	3 37.16	+21 33.8	1.478	2.331	15.2	19.9

177555 2004 FB_{91} 11 25.1 117°.51 6°.4/22.1 18

10 18	4 29.94	+ 4 32.3	2.028	2.827	14.3	20.3
10 28	4 25.51	+ 3 34.9	1.959	2.832	11.6	20.1
11 7	4 18.97	+ 2 43.0	1.912	2.837	8.8	20.0
11 17	4 10.91	+ 2 1.4	1.891	2.841	6.7	19.9
11 27	4 2.20	+ 1 34.7	1.897	2.845	6.7	19.9
12 7	3 53.82	+ 1 25.7	1.931	2.850	8.7	20.0
12 17	3 46.65	+ 1 35.2	1.991	2.854	11.4	20.2
12 27	3 41.38	+ 2 2.1	2.074	2.858	14.0	20.4

404178 2013 CC_{90} 11 25.1 236°.18 5°.6/28.0 16

10 18	4 36.72	+38 15.3	2.378	3.110	14.3	21.4
10 28	4 31.33	+38 44.6	2.273	3.097	12.0	21.2
11 7	4 23.23	+39 0.5	2.190	3.084	9.4	21.0
11 17	4 13.01	+38 58.8	2.131	3.070	7.0	20.8
11 27	4 1.69	+38 37.4	2.100	3.055	5.6	20.7
12 7	3 50.53	+37 57.2	2.098	3.040	6.6	20.7
12 17	3 40.75	+37 2.5	2.125	3.024	9.0	20.8
12 27	3 33.30	+35 59.8	2.178	3.008	11.8	21.0

116008 2003 WE_{79} 11 25.1 107°.62 1°.5/25.8 17

10 18	4 31.36	+25 25.7	2.437	3.217	12.7	19.6
10 28	4 26.54	+25 41.5	2.353	3.222	10.1	19.4
11 7	4 19.65	+25 51.0	2.292	3.227	6.9	19.3
11 17	4 11.24	+25 53.4	2.258	3.232	3.6	19.1
11 27	4 2.12	+25 48.7	2.254	3.237	1.6	18.9
12 7	3 53.24	+25 38.5	2.279	3.243	4.3	19.1
12 17	3 45.48	+25 25.1	2.334	3.248	7.6	19.3
12 27	3 39.54	+25 11.8	2.415	3.252	10.6	19.5

222242 2000 JU_{34} 11 25.1 200°.35 1°.3/25.6 18

10 18	4 36.76	+23 56.7	1.901	2.688	15.5	21.0
10 28	4 31.45	+24 14.7	1.812	2.685	12.3	20.8
11 7	4 23.34	+24 26.5	1.744	2.682	8.5	20.5
11 17	4 13.06	+24 30.6	1.702	2.679	4.2	20.3
11 27	4 1.69	+24 26.6	1.689	2.675	1.5	20.1
12 7	3 50.55	+24 16.3	1.706	2.670	5.4	20.3
12 17	3 40.88	+24 2.8	1.750	2.665	9.7	20.6
12 27	3 33.67	+23 50.4	1.820	2.659	13.4	20.8

332699 2009 RR_{22} 11 25.1 58°.50 4°.1/23.5 18

10 18	4 32.94	+15 15.8	1.322	2.149	19.0	20.9
10 28	4 28.87	+14 14.5	1.264	2.162	14.8	20.7
11 7	4 21.67	+13 9.7	1.227	2.175	10.1	20.5
11 17	4 12.23	+12 6.5	1.213	2.189	5.5	20.3
11 27	4 1.93	+11 11.4	1.225	2.203	4.6	20.3
12 7	3 52.32	+10 30.3	1.263	2.217	8.4	20.5
12 17	3 44.66	+10 6.9	1.326	2.231	12.9	20.8
12 27	3 39.86	+10 2.5	1.410	2.245	16.8	21.1

257450 2005 $T\text{-}_{3}$ 11 25.1 38°.51 1°.2/24.7 18

10 18	4 32.46	+22 41.5	1.007	1.850	22.4	20.1
10 28	4 29.34	+21 48.7	0.961	1.868	17.4	19.9
11 7	4 22.32	+20 43.0	0.932	1.886	11.6	19.6
11 17	4 12.56	+19 28.3	0.925	1.906	5.2	19.4
11 27	4 1.87	+18 11.8	0.941	1.927	1.9	19.2
12 7	3 52.22	+17 2.5	0.981	1.948	7.9	19.7
12 17	3 45.12	+16 8.1	1.045	1.970	13.4	20.0
12 27	3 41.47	+15 33.1	1.129	1.993	18.0	20.4

152516 2006 AG_{70} 11 25.1 177°.28 0°.3/24.9 18

10 18	4 29.91	+21 1.7	2.496	3.284	12.2	21.1
10 28	4 25.29	+20 47.1	2.408	3.285	9.5	20.9
11 7	4 18.75	+20 27.7	2.344	3.285	6.4	20.7
11 17	4 10.81	+20 4.1	2.307	3.286	2.9	20.5
11 27	4 2.25	+19 38.1	2.300	3.286	0.8	20.3
12 7	3 53.92	+19 11.9	2.323	3.286	4.4	20.6
12 17	3 46.62	+18 48.3	2.376	3.286	7.7	20.8
12 27	3 41.02	+18 30.0	2.455	3.285	10.7	21.0

452804 2006 KY_{25} 11 25.1 241°.90 4°.0/23.4 18

10 18	4 30.19	+ 7 9.6	2.595	3.382	11.8	21.7
10 28	4 25.39	+ 6 57.2	2.503	3.374	9.5	21.6
11 7	4 18.78	+ 6 49.0	2.435	3.365	6.8	21.4
11 17	4 10.84	+ 6 47.1	2.394	3.356	4.6	21.2
11 27	4 2.24	+ 6 53.8	2.383	3.347	4.2	21.2
12 7	3 53.78	+ 7 10.3	2.401	3.338	6.2	21.3
12 17	3 46.20	+ 7 37.0	2.449	3.329	8.8	21.5
12 27	3 40.16	+ 8 13.7	2.522	3.319	11.4	21.6

390940 2005 GO_{170} 11 25.1 160°.33 3°.3/26.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 37.00	+30 37.2	2.519	3.272	13.0	21.3
10 28	4 30.99	+31 10.4	2.431	3.279	10.5	21.2
11 7	4 22.69	+31 35.1	2.367	3.285	7.7	21.0
11 17	4 12.66	+31 48.7	2.329	3.291	4.8	20.8
11 27	4 1.82	+31 50.0	2.322	3.296	3.3	20.7
12 7	3 51.21	+31 39.9	2.345	3.301	5.0	20.9
12 17	3 41.82	+31 21.4	2.398	3.305	7.8	21.1
12 27	3 34.45	+30 58.6	2.478	3.308	10.6	21.2

12853 1998 FZ_{97} 11 25.1 100°.14 0°.6/24.8 18

10 18	4 35.07	+21 32.3	1.918	2.711	15.2	17.8
10 28	4 29.57	+21 0.1	1.854	2.733	11.8	17.6
11 7	4 21.67	+20 21.0	1.812	2.754	7.9	17.4
11 17	4 12.11	+19 36.5	1.796	2.775	3.5	17.2
11 27	4 1.98	+18 49.7	1.810	2.796	1.1	17.1
12 7	3 52.40	+18 4.6	1.854	2.816	5.3	17.4
12 17	3 44.37	+17 25.4	1.926	2.836	9.2	17.7
12 27	3 38.59	+16 55.4	2.024	2.855	12.5	18.0

515066 2010 MG_{72} 11 25.1 158°.11 1°.6/24.2 18

10 18	4 30.98	+18 20.0	2.297	3.090	13.0	21.7
10 28	4 26.18	+17 41.4	2.214	3.095	10.1	21.5
11 7	4 19.36	+16 58.2	2.156	3.099	6.8	21.3
11 17	4 11.09	+16 12.6	2.125	3.103	3.2	21.1
11 27	4 2.21	+15 27.5	2.124	3.107	1.9	21.0
12 7	3 53.65	+14 46.3	2.153	3.110	5.2	21.3
12 17	3 46.22	+14 12.3	2.210	3.113	8.6	21.5
12 27	3 40.61	+13 48.0	2.294	3.115	11.6	21.7

277059 2005 EP_{75} 11 25.1 273°.50 0°.1/25.2 17

10 18	4 28.91	+22 6.2	2.460	3.250	12.3	21.8
10 28	4 24.65	+21 58.1	2.365	3.242	9.7	21.6
11 7	4 18.41	+21 44.7	2.294	3.235	6.5	21.3
11 17	4 10.71	+21 26.3	2.249	3.227	3.0	21.1
11 27	4 2.29	+21 4.3	2.234	3.220	0.7	20.9
12 7	3 54.05	+20 40.9	2.249	3.213	4.3	21.2
12 17	3 46.81	+20 18.7	2.293	3.205	7.8	21.4
12 27	3 41.29	+20 0.7	2.363	3.198	10.8	21.6

305722 2009 CS_{28} 11 25.1 229°.26 2°.4/26.1 18

10 18	4 33.82	+27 38.5	1.976	2.759	15.2	21.6
10 28	4 29.12	+27 50.0	1.886	2.755	12.1	21.4
11 7	4 21.75	+27 52.2	1.817	2.750	8.5	21.2
11 17	4 12.34	+27 43.4	1.774	2.746	4.7	20.9
11 27	4 1.92	+27 23.5	1.759	2.741	2.4	20.8
12 7	3 51.74	+26 54.6	1.772	2.736	5.3	21.0
12 17	3 42.99	+26 21.0	1.814	2.731	9.2	21.2
12 27	3 36.59	+25 47.8	1.882	2.726	12.8	21.4

365011 2008 LL_{13} 11 25.1 121°.80 4°.4/22.6 18

10 18	4 29.23	+ 8 44.3	2.407	3.202	12.4	21.9
10 28	4 24.60	+ 7 52.1	2.337	3.213	9.8	21.7
11 7	4 18.19	+ 7 1.9	2.291	3.223	7.1	21.6
11 17	4 10.53	+ 6 17.3	2.272	3.233	4.9	21.4
11 27	4 2.37	+ 5 42.0	2.282	3.244	4.7	21.5
12 7	3 54.52	+ 5 18.5	2.322	3.253	6.7	21.6
12 17	3 47.70	+ 5 8.5	2.389	3.263	9.3	21.8
12 27	3 42.51	+ 5 12.3	2.481	3.272	11.8	22.0

69292 1990 WH_{2} 11 25.1 123°.47 3°.3/24.1 18

10 18	4 35.12	+10 48.5	2.054	2.847	14.3	18.5
10 28	4 29.54	+10 45.0	1.982	2.858	11.3	18.4
11 7	4 21.68	+10 44.6	1.932	2.870	7.8	18.2
11 17	4 12.18	+10 48.9	1.909	2.881	4.5	18.0
11 27	4 1.99	+10 59.6	1.915	2.891	3.5	18.0
12 7	3 52.14	+11 17.9	1.952	2.902	6.3	18.1
12 17	3 43.61	+11 44.3	2.016	2.912	9.7	18.4
12 27	3 37.13	+12 18.9	2.106	2.921	12.7	18.6

409080 2003 SM_{324} 11 25.1 5°.55 9°.7/29.2 17

10 18	4 35.48	+43 39.2	1.824	2.558	18.0	21.2
10 28	4 31.55	+45 3.1	1.747	2.558	15.6	21.0
11 7	4 24.04	+46 9.5	1.689	2.559	13.1	20.8
11 17	4 13.59	+46 51.0	1.653	2.561	10.9	20.7
11 27	4 1.62	+47 2.4	1.641	2.564	9.7	20.7
12 7	3 49.93	+46 43.3	1.653	2.568	10.2	20.7
12 17	3 40.24	+45 58.8	1.690	2.572	12.0	20.8
12 27	3 33.80	+44 57.7	1.750	2.577	14.4	21.0

13054 1990 ST_{15} 11 25.1 157°.98 3°.6/26.7 18

10 18	4 36.94	+30 52.4	1.778	2.556	16.8	17.8
10 28	4 31.83	+31 3.2	1.697	2.560	13.6	17.6
11 7	4 23.68	+31 1.0	1.636	2.563	9.8	17.4
11 17	4 13.23	+30 43.0	1.599	2.566	5.8	17.1
11 27	4 1.74	+30 9.0	1.591	2.569	3.6	17.0
12 7	3 50.69	+29 22.1	1.610	2.572	6.0	17.2
12 17	3 41.40	+28 28.3	1.658	2.574	10.0	17.4
12 27	3 34.84	+27 34.6	1.730	2.576	13.6	17.6

521722 2015 RJ_{268} 11 25.1 310°.91 1°.4/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 31.11	+26 8.3	2.002	2.793	14.7	21.6
10 28	4 26.87	+26 1.3	1.915	2.790	11.7	21.4
11 7	4 20.14	+25 45.0	1.849	2.787	8.1	21.1
11 17	4 11.57	+25 18.9	1.809	2.785	4.1	20.9
11 27	4 2.13	+24 44.2	1.797	2.782	1.5	20.7
12 7	3 52.97	+24 4.1	1.814	2.780	5.0	20.9
12 17	3 45.17	+23 23.0	1.860	2.777	9.0	21.2
12 27	3 39.57	+22 45.5	1.930	2.775	12.5	21.4

268954 2007 DU_{76} 11 25.1 241°.37 3°.5/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 36.63	+28 37.2	1.703	2.489	17.1	20.9
10 28	4 31.92	+29 9.5	1.614	2.483	13.8	20.7
11 7	4 23.99	+29 32.2	1.545	2.477	9.9	20.5
11 17	4 13.49	+29 41.9	1.501	2.470	5.8	20.2
11 27	4 1.66	+29 36.8	1.484	2.464	3.5	20.1
12 7	3 50.04	+29 18.2	1.495	2.457	6.4	20.2
12 17	3 40.12	+28 50.6	1.533	2.450	10.6	20.4
12 27	3 33.04	+28 20.5	1.595	2.442	14.5	20.7

192062 2006 BY_{79} 11 25.1 79°.98 5°.1/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 28.86	+ 6 8.3	2.281	3.077	13.0	19.6
10 28	4 24.50	+ 5 33.1	2.205	3.079	10.4	19.4
11 7	4 18.24	+ 5 2.5	2.152	3.081	7.7	19.3
11 17	4 10.60	+ 4 39.7	2.126	3.083	5.5	19.1
11 27	4 2.36	+ 4 28.2	2.128	3.085	5.3	19.1
12 7	3 54.36	+ 4 29.8	2.158	3.088	7.3	19.2
12 17	3 47.42	+ 4 45.4	2.216	3.090	9.9	19.4
12 27	3 42.16	+ 5 14.3	2.298	3.092	12.5	19.6

213986 2004 BO_{9} 11 25.1 202°.98 5°.7/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 31.16	+ 4 15.4	2.320	3.108	13.1	21.2
10 28	4 26.29	+ 3 33.7	2.238	3.104	10.6	21.0
11 7	4 19.45	+ 2 57.1	2.178	3.100	8.0	20.8
11 17	4 11.17	+ 2 29.6	2.145	3.096	6.1	20.7
11 27	4 2.23	+ 2 14.8	2.141	3.091	6.0	20.7
12 7	3 53.50	+ 2 15.0	2.165	3.085	7.8	20.8
12 17	3 45.80	+ 2 30.9	2.217	3.079	10.4	20.9
12 27	3 39.82	+ 3 1.8	2.293	3.073	13.0	21.1

493153 2014 TR_{67} 11 25.1 189°.61 1°.9/23.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 27.96	+17 20.8	2.482	3.278	12.1	21.6
10 28	4 23.73	+16 35.5	2.396	3.278	9.4	21.4
11 7	4 17.69	+15 46.2	2.335	3.278	6.3	21.2
11 17	4 10.34	+14 55.2	2.300	3.277	3.2	21.0
11 27	4 2.43	+14 5.7	2.296	3.277	2.2	20.9
12 7	3 54.77	+13 21.1	2.322	3.277	5.1	21.1
12 17	3 48.10	+12 44.4	2.377	3.276	8.2	21.3
12 27	3 43.05	+12 17.9	2.457	3.275	11.0	21.5

270865 2002 TK_{92} 11 25.1 31°.35 2°.8/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 31.48	+17 29.1	1.209	2.044	19.9	20.6
10 28	4 28.17	+16 50.2	1.150	2.053	15.5	20.3
11 7	4 21.47	+16 6.1	1.110	2.062	10.4	20.1
11 17	4 12.26	+15 20.4	1.092	2.071	5.1	19.8
11 27	4 2.02	+14 38.5	1.099	2.082	3.3	19.7
12 7	3 52.43	+14 5.8	1.131	2.093	8.0	20.0
12 17	3 44.92	+13 46.6	1.188	2.105	13.0	20.3
12 27	3 40.48	+13 43.4	1.265	2.117	17.3	20.6

351334 2004 XZ_{88} 11 25.1 37°.64 0°.6/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 34.01	+21 24.0	1.428	2.243	18.4	19.9
10 28	4 29.84	+21 43.9	1.363	2.254	14.4	19.7
11 7	4 22.48	+21 58.7	1.319	2.266	9.7	19.4
11 17	4 12.72	+22 7.3	1.298	2.278	4.5	19.2
11 27	4 1.90	+22 10.0	1.304	2.290	1.1	18.9
12 7	3 51.62	+22 8.9	1.337	2.303	6.2	19.3
12 17	3 43.25	+22 7.3	1.395	2.317	11.0	19.6
12 27	3 37.78	+22 9.1	1.477	2.331	15.1	19.9

291856 2006 OV_{14} 11 25.1 78°.00 5°.3/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 38.94	+36 7.0	1.886	2.640	16.8	20.7
10 28	4 33.08	+36 31.6	1.826	2.667	13.8	20.5
11 7	4 24.28	+36 40.1	1.785	2.694	10.4	20.4
11 17	4 13.41	+36 29.1	1.769	2.720	7.1	20.2
11 27	4 1.80	+35 58.0	1.781	2.746	5.3	20.2
12 7	3 50.89	+35 9.9	1.821	2.772	6.6	20.3
12 17	3 41.90	+34 11.1	1.888	2.797	9.4	20.5
12 27	3 35.65	+33 9.2	1.981	2.822	12.4	20.8

180602 2004 FM_{82} 11 25.1 100°.25 6°.9/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 31.01	+ 2 30.4	2.052	2.844	14.4	20.6
10 28	4 26.25	+ 1 34.8	1.991	2.857	11.7	20.5
11 7	4 19.42	+ 0 46.7	1.952	2.870	9.0	20.4
11 17	4 11.15	+ 0 10.8	1.940	2.883	7.2	20.3
11 27	4 2.31	− 0 8.5	1.955	2.896	7.1	20.3
12 7	3 53.87	− 0 9.2	1.997	2.908	8.9	20.4
12 17	3 46.66	+ 0 9.0	2.065	2.920	11.4	20.6
12 27	3 41.33	+ 0 44.3	2.156	2.932	13.8	20.8

277841 2006 HE_{79} 11 25.1 304°.03 1°.3/24.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 28.05	+19 19.8	2.279	3.078	12.9	21.0
10 28	4 24.07	+18 43.7	2.189	3.072	10.1	20.8
11 7	4 18.07	+18 2.3	2.122	3.066	6.7	20.6
11 17	4 10.59	+17 17.3	2.082	3.061	3.2	20.3
11 27	4 2.42	+16 31.8	2.071	3.055	1.6	20.2
12 7	3 54.49	+15 49.2	2.090	3.050	5.1	20.4
12 17	3 47.63	+15 12.9	2.137	3.044	8.6	20.7
12 27	3 42.54	+14 45.8	2.210	3.039	11.7	20.8

139413 2001 OH_{16} 11 25.1 68°.17 3°.0/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 39.53	+27 51.3	1.834	2.611	16.4	19.7
10 28	4 33.35	+28 30.2	1.780	2.644	13.0	19.5
11 7	4 24.38	+28 59.6	1.747	2.676	9.1	19.4
11 17	4 13.45	+29 16.7	1.740	2.709	5.2	19.2
11 27	4 1.81	+29 20.4	1.761	2.741	3.1	19.1
12 7	3 50.83	+29 12.8	1.812	2.773	5.6	19.4
12 17	3 41.65	+28 57.7	1.891	2.804	9.1	19.6
12 27	3 35.08	+28 40.4	1.995	2.835	12.3	19.9

228293 2000 DK_{14} 11 25.1 220°.86 0°.1/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 29.49	+22 7.5	2.918	3.697	10.9	21.6
10 28	4 24.79	+21 58.2	2.818	3.689	8.5	21.5
11 7	4 18.37	+21 44.2	2.741	3.680	5.7	21.3
11 17	4 10.70	+21 25.9	2.693	3.671	2.7	21.1
11 27	4 2.42	+21 4.2	2.675	3.661	0.6	20.9
12 7	3 54.27	+20 41.0	2.688	3.651	3.8	21.1
12 17	3 46.97	+20 18.7	2.731	3.641	6.8	21.3
12 27	3 41.13	+19 59.8	2.802	3.630	9.5	21.5

230041 2000 QW_{165} 11 25.1 73°.76 1°.2/25.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 35.36	+26 0.9	1.575	2.374	17.7	20.0
10 28	4 30.49	+25 41.6	1.512	2.393	13.9	19.8
11 7	4 22.65	+25 10.7	1.470	2.412	9.5	19.6
11 17	4 12.70	+24 28.5	1.453	2.430	4.6	19.3
11 27	4 1.99	+23 37.4	1.463	2.449	1.4	19.2
12 7	3 51.96	+22 42.8	1.501	2.467	5.8	19.5
12 17	3 43.82	+21 50.5	1.566	2.486	10.2	19.8
12 27	3 38.42	+21 6.2	1.656	2.504	14.0	20.1

38797 2000 RW_{51} 11 25.1 86°.00 2°.7/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 39.54	+28 57.3	1.431	2.225	19.4	18.3
10 28	4 34.09	+28 52.9	1.372	2.247	15.4	18.1
11 7	4 25.21	+28 33.8	1.333	2.269	10.8	17.9
11 17	4 13.90	+27 58.6	1.317	2.290	5.8	17.7
11 27	4 1.74	+27 8.8	1.328	2.311	2.8	17.5
12 7	3 50.43	+26 10.0	1.367	2.332	6.3	17.8
12 17	3 41.37	+25 9.6	1.432	2.353	10.9	18.1
12 27	3 35.49	+24 15.3	1.521	2.373	14.9	18.4

410160 2007 KL_{1} 11 25.2 190°.64 1°.2/24.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 30.62	+16 47.2	2.667	3.454	11.6	21.6
10 28	4 25.73	+16 44.2	2.577	3.453	9.0	21.5
11 7	4 19.03	+16 39.7	2.511	3.452	6.1	21.3
11 17	4 11.01	+16 34.7	2.472	3.450	2.9	21.1
11 27	4 2.36	+16 30.1	2.464	3.448	1.5	20.9
12 7	3 53.89	+16 27.6	2.487	3.446	4.4	21.2
12 17	3 46.34	+16 28.7	2.539	3.443	7.5	21.4
12 27	3 40.35	+16 34.9	2.618	3.440	10.3	21.5

516710 2008 YX_{80} 11 25.2 214°.63 1°.3/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 33.33	+17 34.1	2.068	2.863	14.2	22.0
10 28	4 28.43	+17 26.9	1.978	2.859	11.1	21.8
11 7	4 21.16	+17 17.1	1.911	2.853	7.5	21.5
11 17	4 12.08	+17 5.7	1.870	2.848	3.5	21.3
11 27	4 2.12	+16 54.4	1.858	2.842	1.7	21.1
12 7	3 52.36	+16 45.2	1.876	2.836	5.4	21.4
12 17	3 43.83	+16 40.6	1.922	2.829	9.3	21.6
12 27	3 37.37	+16 42.9	1.993	2.823	12.8	21.8

117406 2005 AF_{10} 11 25.2 307°.44 6°.4/21.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 27.61	+ 3 11.2	2.228	3.024	13.3	19.6
10 28	4 23.67	+ 2 19.1	2.148	3.018	10.8	19.4
11 7	4 17.79	+ 1 32.7	2.091	3.011	8.4	19.3
11 17	4 10.48	+ 0 56.5	2.059	3.005	6.6	19.2
11 27	4 2.51	+ 0 34.7	2.055	2.998	6.7	19.2
12 7	3 54.74	+ 0 30.1	2.078	2.992	8.5	19.3
12 17	3 47.98	+ 0 43.4	2.127	2.986	11.0	19.4
12 27	3 42.92	+ 1 13.7	2.200	2.980	13.4	19.6

513454 2008 YY_{70} 11 25.2 237°.96 5°.8/28.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 36.92	+38 9.5	2.151	2.891	15.4	21.5
10 28	4 31.77	+38 33.5	2.050	2.880	12.9	21.3
11 7	4 23.70	+38 42.4	1.970	2.868	10.1	21.1
11 17	4 13.34	+38 32.0	1.914	2.856	7.4	20.9
11 27	4 1.84	+38 0.0	1.886	2.844	5.8	20.8
12 7	3 50.57	+37 8.2	1.886	2.831	6.9	20.8
12 17	3 40.84	+36 1.5	1.914	2.818	9.6	21.0
12 27	3 33.68	+34 47.9	1.968	2.805	12.6	21.2

453711 2011 AT_5 11 25.2 291°.11 2°.0/24.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 29.26	+15 43.3	2.251	3.051	13.0	21.5
10 28	4 25.19	+15 26.7	2.147	3.030	10.2	21.3
11 7	4 18.98	+15 8.2	2.066	3.009	7.0	21.1
11 17	4 11.11	+14 49.5	2.012	2.989	3.5	20.8
11 27	4 2.35	+14 32.8	1.986	2.968	2.3	20.7
12 7	3 53.67	+14 20.5	1.990	2.947	5.5	20.9
12 17	3 45.97	+14 14.9	2.022	2.926	9.2	21.1
12 27	3 40.07	+14 17.8	2.079	2.906	12.5	21.2

520193 2014 DR_{149} 11 25.2 202°.17 3°.4/24.1 18

10 18	4 34.84	+10 29.2	2.010	2.805	14.6	21.6
10 28	4 29.58	+10 30.5	1.925	2.803	11.5	21.4
11 7	4 21.91	+10 35.4	1.863	2.801	8.0	21.2
11 17	4 12.43	+10 45.8	1.826	2.798	4.6	20.9
11 27	4 2.06	+11 3.2	1.819	2.796	3.6	20.9
12 7	3 51.91	+11 28.6	1.842	2.793	6.5	21.1
12 17	3 43.01	+12 2.4	1.893	2.790	10.1	21.3
12 27	3 36.21	+12 44.5	1.969	2.786	13.4	21.5

315047 2007 CW_{51} 11 25.2 183°.33 2°.9/26.5 17

10 18	4 33.47	+29 42.3	2.336	3.104	13.5	20.8
10 28	4 28.47	+30 3.9	2.246	3.104	10.9	20.6
11 7	4 21.15	+30 16.7	2.179	3.104	7.8	20.4
11 17	4 12.07	+30 18.6	2.138	3.104	4.7	20.2
11 27	4 2.15	+30 8.9	2.126	3.103	2.9	20.1
12 7	3 52.45	+29 49.3	2.143	3.103	5.0	20.2
12 17	3 43.97	+29 22.8	2.190	3.102	8.1	20.4
12 27	3 37.54	+28 54.0	2.262	3.101	11.1	20.6

124789 2001 SS_{256} 11 25.2 247°.65 3°.4/23.7 18

10 18	4 32.29	+15 7.5	1.716	2.527	16.0	19.8
10 28	4 28.04	+14 21.2	1.631	2.519	12.6	19.5
11 7	4 21.11	+13 31.3	1.567	2.512	8.6	19.3
11 17	4 12.12	+12 41.2	1.528	2.504	4.7	19.0
11 27	4 2.14	+11 55.5	1.517	2.496	3.7	18.9
12 7	3 52.43	+11 18.9	1.534	2.487	7.3	19.1
12 17	3 44.17	+10 55.2	1.578	2.479	11.5	19.4
12 27	3 38.27	+10 46.7	1.645	2.470	15.2	19.6

129735 1998 YU 11 25.2 351°.44 2°.1/25.8 18

10 18	4 29.29	+25 23.8	1.009	1.853	22.3	18.5
10 28	4 27.70	+25 32.7	0.940	1.846	17.8	18.2
11 7	4 21.96	+25 28.6	0.889	1.841	12.4	17.9
11 17	4 12.83	+25 9.7	0.857	1.836	6.3	17.6
11 27	4 1.99	+24 36.8	0.848	1.833	2.2	17.3
12 7	3 51.63	+23 55.2	0.862	1.832	7.8	17.6
12 17	3 43.71	+23 13.0	0.897	1.831	13.9	18.0
12 27	3 39.62	+22 38.3	0.952	1.832	19.1	18.3

25515 Briancarey 11 25.2 264°.99 0°.3/25.1 18

10 18	4 34.91	+20 17.9	1.552	2.362	17.5	18.8
10 28	4 30.60	+20 21.5	1.467	2.355	13.8	18.6
11 7	4 23.14	+20 20.4	1.402	2.347	9.4	18.3
11 17	4 13.17	+20 14.4	1.360	2.340	4.3	18.0
11 27	4 1.92	+20 4.6	1.346	2.333	1.1	17.7
12 7	3 50.91	+19 53.5	1.360	2.325	6.4	18.1
12 17	3 41.57	+19 44.8	1.400	2.318	11.3	18.4
12 27	3 35.02	+19 42.2	1.463	2.310	15.6	18.6

331213 2011 BY_{37} 11 25.2 108°.16 6°.6/21.3 18

10 18	4 27.21	+ 1 15.4	2.454	3.242	12.4	20.4
10 28	4 23.10	+ 0 12.8	2.384	3.245	10.2	20.3
11 7	4 17.27	− 0 43.3	2.337	3.248	8.1	20.2
11 17	4 10.21	− 1 28.5	2.316	3.250	6.7	20.1
11 27	4 2.63	− 1 58.7	2.323	3.253	6.9	20.1
12 7	3 55.29	− 2 11.4	2.357	3.256	8.4	20.2
12 17	3 48.90	− 2 5.9	2.418	3.258	10.5	20.3
12 27	3 44.04	− 1 43.3	2.502	3.261	12.6	20.5

44299 1998 QX_{94} 11 25.2 81°.92 6°.4/28.8 18

10 18	4 37.69	+39 28.2	1.841	2.588	17.4	18.9
10 28	4 32.48	+39 45.1	1.770	2.602	14.5	18.7
11 7	4 24.12	+39 42.9	1.717	2.616	11.3	18.6
11 17	4 13.46	+39 17.6	1.688	2.630	8.2	18.4
11 27	4 1.91	+38 28.1	1.686	2.644	6.4	18.3
12 7	3 51.03	+37 18.2	1.711	2.658	7.3	18.4
12 17	3 42.13	+35 55.2	1.763	2.671	10.0	18.6
12 27	3 36.13	+34 28.4	1.841	2.685	13.0	18.8

13716 Trevino 11 25.2 47°.45 4°.5/23.4 18

10 18	4 32.17	+14 23.7	1.294	2.124	19.1	17.6
10 28	4 28.38	+13 21.4	1.237	2.136	14.9	17.3
11 7	4 21.45	+12 16.6	1.200	2.149	10.3	17.1
11 17	4 12.26	+11 14.7	1.187	2.162	5.8	16.9
11 27	4 2.19	+10 22.4	1.198	2.175	5.0	16.9
12 7	3 52.79	+ 9 45.4	1.236	2.189	8.7	17.2
12 17	3 45.34	+ 9 27.1	1.298	2.203	13.1	17.4
12 27	3 40.74	+ 9 28.3	1.381	2.218	17.0	17.7

237450 1999 TB_{182} 11 25.2 19°.72 8°.2/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 27.93	+ 8 27.9	1.376	2.208	18.1	19.9
10 28	4 24.89	+ 6 24.1	1.318	2.213	14.5	19.6
11 7	4 19.02	+ 4 20.9	1.282	2.219	10.9	19.5
11 17	4 11.14	+ 2 28.3	1.269	2.226	8.5	19.3
11 27	4 2.44	+ 0 56.7	1.282	2.234	8.8	19.4
12 7	3 54.28	− 0 6.6	1.320	2.242	11.5	19.6
12 17	3 47.81	− 0 38.7	1.380	2.251	14.9	19.8
12 27	3 43.86	− 0 40.9	1.461	2.261	18.1	20.0

9877 1993 ST_3 11 25.2 39°.03 2°.0/25.7 18

10 18	4 35.31	+23 46.6	1.424	2.235	18.7	16.6
10 28	4 30.86	+24 24.4	1.368	2.254	14.7	16.4
11 7	4 23.16	+24 55.2	1.332	2.275	10.0	16.2
11 17	4 13.07	+25 16.7	1.319	2.296	5.1	15.9
11 27	4 2.01	+25 28.0	1.333	2.318	2.1	15.8
12 7	3 51.60	+25 30.7	1.374	2.340	6.2	16.1
12 17	3 43.19	+25 28.6	1.441	2.363	10.7	16.4
12 27	3 37.75	+25 26.4	1.531	2.386	14.6	16.7

64578 2001 WR_{44} 11 25.2 234°.14 1°.5/24.5 18 R

10 18	4 32.85	+19 20.2	1.726	2.533	16.1	19.9
10 28	4 28.52	+18 47.1	1.642	2.529	12.6	19.6
11 7	4 21.45	+18 7.6	1.578	2.524	8.5	19.4
11 17	4 12.30	+17 23.6	1.540	2.519	4.0	19.1
11 27	4 2.18	+16 38.5	1.530	2.515	2.0	19.0
12 7	3 52.36	+15 56.8	1.549	2.510	6.3	19.2
12 17	3 44.05	+15 23.1	1.594	2.504	10.7	19.5
12 27	3 38.16	+15 0.9	1.663	2.499	14.6	19.7

97655 2000 FZ_{17} 11 25.2 243°.26 0°.3/25.3 18

10 18	4 31.41	+21 14.1	2.645	3.426	11.8	20.1
10 28	4 26.55	+21 27.9	2.544	3.416	9.3	19.9
11 7	4 19.74	+21 38.4	2.467	3.406	6.3	19.7
11 17	4 11.44	+21 45.4	2.418	3.395	2.9	19.5
11 27	4 2.38	+21 49.1	2.399	3.385	0.7	19.3
12 7	3 53.41	+21 50.5	2.410	3.374	4.1	19.5
12 17	3 45.35	+21 51.2	2.452	3.363	7.4	19.7
12 27	3 38.93	+21 53.5	2.520	3.351	10.4	19.9

519018 2010 JD_{116} 11 25.2 183°.21 0°.9/24.6 18

10 18	4 33.00	+21 7.0	2.341	3.126	13.0	22.1
10 28	4 27.80	+20 23.4	2.251	3.127	10.2	21.9
11 7	4 20.53	+19 32.7	2.186	3.127	6.8	21.7
11 17	4 11.75	+18 36.6	2.148	3.126	3.1	21.4
11 27	4 2.33	+17 38.3	2.140	3.125	1.3	21.3
12 7	3 53.21	+16 41.6	2.164	3.123	4.9	21.6
12 17	3 45.26	+15 50.7	2.217	3.121	8.5	21.8
12 27	3 39.16	+15 9.0	2.296	3.118	11.6	22.0

264375 2000 DG_{30} 11 25.2 305°.34 5°.8/22.1 17

10 18	4 27.42	+ 6 14.8	2.133	2.936	13.5	20.2
10 28	4 23.70	+ 5 19.3	2.046	2.924	10.9	20.0
11 7	4 17.93	+ 4 26.9	1.982	2.911	8.2	19.8
11 17	4 10.63	+ 3 42.2	1.943	2.899	6.1	19.6
11 27	4 2.57	+ 3 9.8	1.932	2.887	6.1	19.6
12 7	3 54.68	+ 2 53.1	1.949	2.875	8.2	19.7
12 17	3 47.83	+ 2 53.8	1.992	2.863	11.0	19.9
12 27	3 42.75	+ 3 11.6	2.059	2.851	13.8	20.0

315575 2008 CP_{59} 11 25.2 325°.58 9°.6/20.9 18

10 18	4 26.55	+ 2 7.9	1.491	2.313	17.4	20.2
10 28	4 24.01	+ 0 47.2	1.407	2.290	14.6	20.0
11 7	4 18.69	− 0 27.3	1.343	2.268	11.7	19.7
11 17	4 11.15	− 1 26.9	1.302	2.246	9.8	19.6
11 27	4 2.43	− 2 3.3	1.285	2.226	10.1	19.5
12 7	3 53.84	− 2 10.9	1.292	2.206	12.5	19.6
12 17	3 46.64	− 1 48.0	1.321	2.187	15.8	19.8
12 27	3 41.87	− 0 56.9	1.369	2.169	19.1	19.9

286252 2001 US_{221} 11 25.2 33°.18 1°.0/24.7 18

10 18	4 30.31	+20 30.8	1.834	2.640	15.3	21.1
10 28	4 26.28	+19 59.9	1.757	2.644	11.9	20.9
11 7	4 19.79	+19 22.3	1.702	2.648	8.0	20.6
11 17	4 11.48	+18 40.0	1.673	2.653	3.7	20.4
11 27	4 2.40	+17 56.0	1.672	2.657	1.4	20.2
12 7	3 53.69	+17 14.4	1.699	2.662	5.6	20.5
12 17	3 46.39	+16 39.4	1.754	2.667	9.7	20.8
12 27	3 41.31	+16 14.3	1.833	2.672	13.3	21.0

249110 2007 VS_{310} 11 25.2 186°.12 0°.1/25.2 18

10 18	4 32.57	+23 17.2	2.202	2.988	13.7	21.2
10 28	4 27.70	+22 52.8	2.113	2.988	10.7	21.0
11 7	4 20.58	+22 20.7	2.048	2.988	7.3	20.8
11 17	4 11.82	+21 41.6	2.009	2.987	3.4	20.5
11 27	4 2.32	+20 57.6	2.000	2.986	0.7	20.3
12 7	3 53.12	+20 12.1	2.020	2.984	4.8	20.6
12 17	3 45.15	+19 29.1	2.070	2.982	8.5	20.8
12 27	3 39.17	+18 52.7	2.146	2.980	11.8	21.0

222951 2002 PM_{98} 11 25.2 37.°47 3.°1/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 30.44	+12 1.2	1.958	2.764	14.5	18.9
10 28	4 26.06	+11 55.2	1.892	2.777	11.3	18.7
11 7	4 19.46	+11 51.4	1.849	2.791	7.8	18.5
11 17	4 11.29	+11 51.7	1.831	2.805	4.3	18.3
11 27	4 2.45	+11 57.8	1.841	2.819	3.3	18.3
12 7	3 53.98	+12 11.3	1.880	2.834	6.1	18.5
12 17	3 46.80	+12 32.8	1.947	2.849	9.6	18.7
12 27	3 41.62	+13 2.6	2.038	2.865	12.7	19.0

324771 2007 GC_{42} 11 25.2 143.°80 0.°9/24.7 18

10 18	4 29.62	+19 54.7	2.385	3.177	12.6	21.5
10 28	4 25.16	+19 28.5	2.301	3.180	9.8	21.4
11 7	4 18.76	+18 57.6	2.241	3.183	6.6	21.2
11 17	4 10.95	+18 23.2	2.207	3.186	3.0	20.9
11 27	4 2.52	+17 47.6	2.204	3.189	1.2	20.8
12 7	3 54.37	+17 13.8	2.231	3.192	4.7	21.1
12 17	3 47.29	+16 44.6	2.286	3.194	8.1	21.3
12 27	3 41.94	+16 22.8	2.368	3.197	11.0	21.5

475246 2005 WL_{31} 11 25.2 5.°78 1.°4/25.5 16

10 18	4 28.42	+22 40.9	1.054	1.900	21.4	21.0
10 28	4 26.68	+23 5.1	0.992	1.899	17.0	20.7
11 7	4 21.06	+23 21.7	0.948	1.901	11.6	20.4
11 17	4 12.36	+23 29.3	0.923	1.904	5.6	20.1
11 27	4 2.21	+23 27.8	0.922	1.908	1.7	19.8
12 7	3 52.57	+23 20.4	0.945	1.915	7.4	20.2
12 17	3 45.24	+23 11.7	0.990	1.923	13.0	20.6
12 27	3 41.43	+23 7.2	1.055	1.932	17.9	20.9

289726 2005 JV_{17} 11 25.2 73.°07 0.°1/25.2 18

10 18	4 32.59	+22 14.4	1.832	2.632	15.5	21.2
10 28	4 28.12	+22 6.2	1.756	2.639	12.2	21.0
11 7	4 21.06	+21 51.4	1.702	2.645	8.2	20.7
11 17	4 12.10	+21 30.3	1.673	2.652	3.8	20.5
11 27	4 2.30	+21 4.6	1.673	2.659	0.8	20.3
12 7	3 52.89	+20 37.4	1.701	2.666	5.3	20.6
12 17	3 44.96	+20 12.4	1.756	2.673	9.5	20.9
12 27	3 39.34	+19 53.5	1.837	2.679	13.1	21.1

229853 2009 SN_{275} 11 25.2 312.°44 0.°9/24.8 17

10 18	4 29.42	+19 4.4	2.018	2.821	14.2	20.8
10 28	4 25.57	+18 54.1	1.924	2.810	11.1	20.6
11 7	4 19.36	+18 40.0	1.853	2.798	7.5	20.3
11 17	4 11.36	+18 22.9	1.808	2.787	3.5	20.0
11 27	4 2.45	+18 4.6	1.791	2.776	1.3	19.9
12 7	3 53.70	+17 47.7	1.803	2.766	5.3	20.1
12 17	3 46.12	+17 35.0	1.842	2.756	9.3	20.3
12 27	3 40.58	+17 29.3	1.907	2.745	12.9	20.6

39540 Borchert 11 25.2 197.°66 0.°2/25.3 18

10 18	4 35.05	+22 2.3	1.997	2.787	14.8	20.5
10 28	4 29.95	+22 1.7	1.908	2.784	11.7	20.2
11 7	4 22.30	+21 55.3	1.841	2.782	7.9	20.0
11 17	4 12.70	+21 42.9	1.801	2.779	3.7	19.7
11 27	4 2.16	+21 25.6	1.789	2.775	0.8	19.5
12 7	3 51.87	+21 5.6	1.807	2.771	5.2	19.8
12 17	3 42.94	+20 46.4	1.853	2.767	9.3	20.1
12 27	3 36.24	+20 31.5	1.925	2.762	12.9	20.3

282465 2004 FF_{13} 11 25.2 225.°01 1.°7/25.9 18

10 18	4 36.34	+26 54.3	1.930	2.711	15.5	21.0
10 28	4 31.24	+26 48.5	1.832	2.701	12.4	20.8
11 7	4 23.33	+26 32.3	1.756	2.691	8.7	20.6
11 17	4 13.24	+26 4.4	1.705	2.680	4.5	20.3
11 27	4 2.05	+25 25.5	1.684	2.668	1.8	20.1
12 7	3 51.08	+24 38.9	1.691	2.656	5.4	20.3
12 17	3 41.57	+23 49.5	1.727	2.643	9.7	20.5
12 27	3 34.52	+23 3.5	1.788	2.629	13.5	20.7

25824 Viviantsang 11 25.2 79.°63 0.°2/25.3 18

10 18	4 30.95	+22 18.3	2.356	3.144	12.9	19.4
10 28	4 26.16	+22 12.5	2.285	3.161	10.0	19.2
11 7	4 19.40	+22 1.4	2.237	3.178	6.7	19.1
11 17	4 11.24	+21 45.4	2.217	3.195	3.1	18.9
11 27	4 2.53	+21 25.7	2.225	3.212	0.7	18.7
12 7	3 54.16	+21 4.6	2.264	3.228	4.3	19.0
12 17	3 46.96	+20 44.8	2.332	3.245	7.7	19.2
12 27	3 41.57	+20 29.0	2.426	3.261	10.6	19.5

516759 2009 SE_{328} 11 25.2 86.°14 3.°0/26.6 18

10 18	4 35.10	+29 48.9	2.310	3.075	13.8	21.4
10 28	4 29.60	+30 16.3	2.241	3.096	11.0	21.3
11 7	4 21.81	+30 34.5	2.193	3.117	7.9	21.1
11 17	4 12.38	+30 41.5	2.173	3.138	4.7	21.0
11 27	4 2.28	+30 36.8	2.181	3.158	3.0	20.9
12 7	3 52.56	+30 22.0	2.219	3.178	4.9	21.1
12 17	3 44.20	+30 0.3	2.287	3.198	7.9	21.3
12 27	3 37.91	+29 36.1	2.380	3.218	10.7	21.5

225452 2000 EO_{10} 11 25.2 326.°35 3.°0/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 29.73	+16 33.6	1.282	2.116	19.0	20.3
10 28	4 27.07	+16 1.4	1.201	2.103	15.0	20.0
11 7	4 21.07	+15 24.5	1.139	2.091	10.3	19.7
11 17	4 12.36	+14 46.0	1.100	2.079	5.2	19.4
11 27	4 2.25	+14 10.9	1.085	2.068	3.5	19.3
12 7	3 52.39	+13 44.3	1.096	2.057	8.2	19.5
12 17	3 44.33	+13 30.9	1.130	2.047	13.4	19.8
12 27	3 39.29	+13 33.4	1.185	2.039	18.1	20.1

249890 2001 RN_{51} 11 25.2 46.°40 5.°6/22.4 18

10 18	4 30.02	+11 35.8	1.594	2.414	16.6	19.3
10 28	4 26.03	+10 6.2	1.541	2.432	13.0	19.1
11 7	4 19.55	+ 8 36.4	1.509	2.450	9.2	19.0
11 17	4 11.34	+ 7 13.0	1.502	2.469	6.1	18.8
11 27	4 2.53	+ 6 3.0	1.523	2.489	6.0	18.9
12 7	3 54.31	+ 5 11.7	1.571	2.508	8.7	19.1
12 17	3 47.66	+ 4 41.8	1.644	2.528	12.1	19.3
12 27	3 43.30	+ 4 33.4	1.739	2.548	15.2	19.6

345793 2007 GD_{11} 11 25.2 139.°08 0.°2/25.3 18

10 18	4 36.52	+21 54.9	1.971	2.759	15.0	21.7
10 28	4 30.95	+21 54.3	1.895	2.770	11.8	21.5
11 7	4 22.86	+21 48.0	1.840	2.781	7.9	21.3
11 17	4 12.92	+21 35.8	1.812	2.791	3.7	21.1
11 27	4 2.17	+21 18.9	1.814	2.800	0.8	20.9
12 7	3 51.82	+20 59.6	1.845	2.809	5.1	21.2
12 17	3 42.94	+20 41.4	1.905	2.817	9.1	21.5
12 27	3 36.33	+20 27.7	1.990	2.825	12.6	21.7

47731 2000 DM_{48} 11 25.2 124.°88 0.°7/24.8 18

10 18	4 29.79	+19 32.2	2.698	3.483	11.5	19.9
10 28	4 25.03	+19 17.2	2.619	3.494	8.9	19.7
11 7	4 18.54	+18 58.7	2.564	3.505	5.9	19.5
11 17	4 10.85	+18 37.6	2.536	3.515	2.7	19.3
11 27	4 2.64	+18 15.5	2.540	3.525	1.0	19.2
12 7	3 54.69	+17 54.5	2.574	3.535	4.1	19.5
12 17	3 47.71	+17 36.7	2.637	3.544	7.2	19.7
12 27	3 42.28	+17 24.2	2.728	3.553	9.8	19.9

327949 2007 EE_{54} 11 25.2 261.°72 1.°2/24.6 17

10 18	4 29.87	+18 30.5	2.316	3.111	12.8	21.5
10 28	4 25.58	+18 9.6	2.219	3.100	10.1	21.3
11 7	4 19.20	+17 44.8	2.145	3.088	6.8	21.1
11 17	4 11.26	+17 17.4	2.097	3.076	3.2	20.9
11 27	4 2.53	+16 49.4	2.079	3.064	1.6	20.7
12 7	3 53.96	+16 23.7	2.091	3.051	5.0	20.9
12 17	3 46.42	+16 2.9	2.131	3.039	8.6	21.1
12 27	3 40.66	+15 49.7	2.198	3.026	11.8	21.3

338421 2003 BV_{64} 11 25.2 283.°84 2.°1/24.5 18

10 18	4 32.99	+17 4.5	1.594	2.407	16.9	21.1
10 28	4 29.11	+16 46.7	1.499	2.389	13.4	20.8
11 7	4 22.21	+16 25.2	1.424	2.371	9.1	20.6
11 17	4 12.85	+16 1.9	1.374	2.353	4.5	20.2
11 27	4 2.16	+15 39.5	1.350	2.334	2.5	20.1
12 7	3 51.56	+15 21.6	1.354	2.316	7.0	20.3
12 17	3 42.44	+15 12.0	1.385	2.297	11.9	20.5
12 27	3 35.95	+15 13.5	1.437	2.279	16.2	20.8

266844 2009 UL_{33} 11 25.2 246.°49 1.°0/24.6 18

10 18	4 29.03	+19 39.9	2.538	3.329	12.0	20.9
10 28	4 24.70	+19 7.4	2.440	3.319	9.4	20.7
11 7	4 18.49	+18 29.8	2.366	3.308	6.3	20.5
11 17	4 10.89	+17 48.6	2.319	3.298	2.9	20.2
11 27	4 2.63	+17 6.1	2.303	3.287	1.4	20.1
12 7	3 54.55	+16 25.4	2.317	3.277	4.6	20.3
12 17	3 47.42	+15 49.7	2.360	3.265	7.9	20.5
12 27	3 41.91	+15 21.7	2.429	3.254	10.9	20.7

472247 2014 LH_{18} 11 25.2 47.°37 4.°1/23.5 18

10 18	4 30.57	+12 19.8	1.707	2.521	15.9	20.9
10 28	4 26.50	+11 36.1	1.641	2.531	12.5	20.7
11 7	4 19.93	+10 52.6	1.597	2.541	8.7	20.5
11 17	4 11.58	+10 13.3	1.578	2.551	5.1	20.4
11 27	4 2.50	+ 9 42.5	1.587	2.561	4.5	20.3
12 7	3 53.85	+ 9 23.6	1.622	2.571	7.4	20.5
12 17	3 46.66	+ 9 18.8	1.684	2.582	11.1	20.8
12 27	3 41.71	+ 9 28.7	1.770	2.593	14.4	21.0

482600 2012 XV_{145} 11 25.2 264.°60 2.°1/24.2 18

10 18	4 32.24	+17 22.2	1.951	2.752	14.7	21.7
10 28	4 27.90	+16 49.1	1.850	2.734	11.6	21.4
11 7	4 21.04	+16 11.2	1.771	2.715	7.9	21.2
11 17	4 12.21	+15 30.5	1.717	2.695	3.9	20.9
11 27	4 2.34	+14 50.2	1.693	2.675	2.5	20.8
12 7	3 52.58	+14 14.3	1.698	2.655	6.2	21.0
12 17	3 44.03	+13 46.7	1.730	2.635	10.4	21.2
12 27	3 37.63	+13 30.3	1.786	2.614	14.1	21.3

329054 2011 AU_{59} 11 25.2 346°.50 3°.0/24.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 28.58	+14 0.8	1.830	2.644	15.0	21.1
10 28	4 25.02	+13 38.3	1.748	2.638	11.8	20.8
11 7	4 19.04	+13 15.3	1.688	2.633	8.1	20.6
11 17	4 11.25	+12 54.4	1.653	2.629	4.4	20.4
11 27	4 2.58	+12 38.4	1.645	2.625	3.3	20.3
12 7	3 54.15	+12 30.3	1.666	2.622	6.5	20.5
12 17	3 47.01	+12 32.2	1.713	2.619	10.4	20.7
12 27	3 41.98	+12 45.2	1.784	2.617	13.9	20.9

362701 2011 UH_{161} 11 25.2 27°.68 2°.8/25.4 18

10 18	4 43.91	+20 39.5	1.568	2.359	18.1	19.5
10 28	4 37.83	+22 28.3	1.492	2.367	14.4	19.3
11 7	4 28.20	+24 19.6	1.438	2.375	10.0	19.0
11 17	4 15.67	+26 7.2	1.411	2.385	5.3	18.8
11 27	4 1.58	+27 44.1	1.413	2.395	2.9	18.6
12 7	3 47.66	+29 5.9	1.445	2.406	6.7	18.9
12 17	3 35.61	+30 11.9	1.505	2.417	11.1	19.2
12 27	3 26.70	+31 5.6	1.590	2.429	15.0	19.5

115878 2003 UR_{282} 11 25.2 73°.29 5°.0/23.5 18

10 18	4 34.94	+12 1.1	1.348	2.171	18.9	19.4
10 28	4 30.42	+11 11.3	1.292	2.185	14.9	19.2
11 7	4 22.81	+10 22.4	1.256	2.200	10.4	19.0
11 17	4 12.96	+ 9 39.4	1.243	2.215	6.2	18.8
11 27	4 2.26	+ 9 7.7	1.256	2.230	5.4	18.8
12 7	3 52.22	+ 8 51.5	1.295	2.245	8.8	19.0
12 17	3 44.12	+ 8 52.8	1.359	2.259	13.0	19.3
12 27	3 38.85	+ 9 11.4	1.445	2.274	16.7	19.6

274555 2008 SZ_{266} 11 25.2 60°.64 3°.2/26.5 17

10 18	4 33.83	+29 17.2	2.267	3.037	13.8	20.6
10 28	4 28.83	+29 57.5	2.189	3.047	11.1	20.4
11 7	4 21.47	+30 29.8	2.133	3.058	8.0	20.2
11 17	4 12.33	+30 51.6	2.104	3.068	4.9	20.1
11 27	4 2.38	+31 1.5	2.103	3.079	3.2	20.0
12 7	3 52.68	+31 0.5	2.132	3.090	5.1	20.1
12 17	3 44.27	+30 51.3	2.189	3.101	8.2	20.3
12 27	3 37.95	+30 37.8	2.273	3.112	11.1	20.5

172912 2005 GB_{99} 11 25.2 201°.64 0°.8/24.8 18

10 18	4 32.30	+20 24.8	2.179	2.970	13.7	20.5
10 28	4 27.54	+20 0.8	2.089	2.968	10.7	20.3
11 7	4 20.55	+19 31.2	2.022	2.965	7.2	20.1
11 17	4 11.90	+18 57.0	1.982	2.961	3.3	19.9
11 27	4 2.48	+18 20.7	1.972	2.957	1.2	19.7
12 7	3 53.31	+17 45.2	1.991	2.953	5.0	20.0
12 17	3 45.33	+17 14.2	2.039	2.948	8.8	20.2
12 27	3 39.32	+16 50.8	2.113	2.943	12.1	20.4

520370 2014 HF_{204} 11 25.2 288°.69 1°.7/25.7 18

10 18	4 35.07	+23 39.7	1.775	2.570	16.2	21.2
10 28	4 30.52	+24 11.9	1.685	2.563	12.8	20.9
11 7	4 23.03	+24 39.2	1.617	2.557	8.9	20.7
11 17	4 13.22	+24 59.4	1.574	2.550	4.5	20.4
11 27	4 2.16	+25 11.5	1.558	2.543	1.8	20.2
12 7	3 51.26	+25 16.3	1.571	2.536	5.7	20.5
12 17	3 41.84	+25 16.3	1.612	2.530	10.1	20.7
12 27	3 34.98	+25 15.7	1.677	2.523	14.0	20.9

293672 2007 PA_{23} 11 25.2 48°.00 10°.9/22.0 18

10 18	4 32.61	− 2 8.6	1.403	2.211	19.1	19.8
10 28	4 28.14	− 3 35.5	1.371	2.238	15.9	19.7
11 7	4 20.96	− 4 45.9	1.358	2.266	13.0	19.6
11 17	4 12.00	− 5 32.0	1.367	2.294	11.1	19.6
11 27	4 2.50	− 5 47.8	1.400	2.323	11.1	19.7
12 7	3 53.77	− 5 32.3	1.457	2.351	12.8	19.8
12 17	3 46.84	− 4 48.3	1.536	2.381	15.2	20.1
12 27	3 42.42	− 3 41.2	1.635	2.410	17.6	20.3

464391 2016 BW_4 11 25.2 316°.93 0°.4/25.0 17

10 18	4 28.77	+20 49.3	2.144	2.943	13.6	22.0
10 28	4 24.94	+20 37.1	2.050	2.933	10.7	21.8
11 7	4 18.90	+20 19.7	1.979	2.923	7.2	21.5
11 17	4 11.18	+19 57.9	1.934	2.914	3.3	21.3
11 27	4 2.63	+19 33.3	1.918	2.904	0.9	21.1
12 7	3 54.26	+19 8.7	1.931	2.895	4.9	21.4
12 17	3 47.01	+18 47.0	1.972	2.886	8.8	21.6
12 27	3 41.67	+18 31.4	2.038	2.877	12.1	21.8

24351 Fionawood 11 25.2 129°.41 4°.1/23.6 18

10 18	4 35.02	+12 52.0	1.653	2.461	16.6	18.9
10 28	4 30.07	+12 9.0	1.584	2.470	13.1	18.7
11 7	4 22.41	+11 25.6	1.536	2.478	9.0	18.5
11 17	4 12.77	+10 45.4	1.514	2.487	5.2	18.3
11 27	4 2.31	+10 13.0	1.519	2.495	4.4	18.3
12 7	3 52.30	+ 9 52.2	1.553	2.502	7.6	18.5
12 17	3 43.91	+ 9 45.4	1.612	2.510	11.5	18.7
12 27	3 37.97	+ 9 53.4	1.696	2.516	15.1	19.0

187962 2001 PB_{36} 11 25.2 51°.62 4°.3/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 34.16	+15 59.9	1.240	2.070	19.8	20.4
10 28	4 29.81	+14 41.1	1.197	2.096	15.4	20.2
11 7	4 22.29	+13 18.7	1.173	2.122	10.4	20.0
11 17	4 12.65	+11 58.9	1.173	2.149	5.7	19.9
11 27	4 2.37	+10 49.3	1.199	2.177	4.8	19.9
12 7	3 53.01	+ 9 56.5	1.251	2.204	8.6	20.2
12 17	3 45.77	+ 9 24.1	1.327	2.232	12.9	20.5
12 27	3 41.42	+ 9 12.8	1.425	2.260	16.7	20.8

169792 2002 PP_{161} 11 25.2 116°.42 1°.3/24.6 18

10 18	4 33.22	+18 20.9	1.938	2.737	14.8	20.8
10 28	4 28.39	+18 3.8	1.863	2.746	11.6	20.6
11 7	4 21.16	+17 43.0	1.810	2.754	7.8	20.3
11 17	4 12.18	+17 19.9	1.783	2.762	3.6	20.1
11 27	4 2.44	+16 56.6	1.785	2.770	1.7	20.0
12 7	3 53.07	+16 36.2	1.817	2.778	5.5	20.3
12 17	3 45.08	+16 21.5	1.876	2.785	9.4	20.5
12 27	3 39.26	+16 14.8	1.960	2.792	12.8	20.7

196657 2003 SR_{36} 11 25.2 94°.07 4°.1/27.2 18

10 18	4 34.36	+33 4.4	2.356	3.112	13.8	19.8
10 28	4 29.23	+33 38.9	2.276	3.122	11.2	19.7
11 7	4 21.73	+34 2.9	2.219	3.132	8.4	19.5
11 17	4 12.46	+34 13.6	2.187	3.142	5.6	19.3
11 27	4 2.38	+34 9.9	2.183	3.152	4.1	19.3
12 7	3 52.59	+33 53.0	2.209	3.162	5.5	19.4
12 17	3 44.11	+33 26.3	2.263	3.171	8.1	19.5
12 27	3 37.73	+32 54.5	2.344	3.181	10.9	19.7

161742 2006 SV_{238} 11 25.2 264°.05 2°.2/24.4 18

10 18	4 33.93	+17 42.6	1.516	2.331	17.5	20.7
10 28	4 29.88	+17 15.2	1.430	2.321	13.8	20.4
11 7	4 22.72	+16 42.8	1.364	2.311	9.4	20.1
11 17	4 13.10	+16 7.3	1.322	2.301	4.6	19.8
11 27	4 2.22	+15 32.5	1.307	2.291	2.6	19.7
12 7	3 51.59	+15 2.7	1.319	2.280	7.2	19.9
12 17	3 42.61	+14 42.4	1.357	2.270	12.1	20.2
12 27	3 36.37	+14 34.8	1.418	2.259	16.4	20.4

103563 2000 BY_{33} 11 25.2 277°.74 2°.1/25.9 18

10 18	4 34.90	+25 58.7	1.562	2.363	17.7	20.3
10 28	4 30.86	+26 11.6	1.471	2.352	14.2	20.0
11 7	4 23.53	+26 15.0	1.400	2.340	10.0	19.7
11 17	4 13.54	+26 7.0	1.353	2.329	5.2	19.4
11 27	4 2.13	+25 47.1	1.333	2.317	2.2	19.2
12 7	3 50.90	+25 17.9	1.340	2.306	6.3	19.4
12 17	3 41.39	+24 44.6	1.373	2.294	11.2	19.7
12 27	3 34.80	+24 13.5	1.429	2.283	15.5	19.9

244525 2002 TQ_{232} 11 25.2 106°.14 1°.9/26.5 18

10 18	4 30.93	+29 57.0	2.549	3.315	12.6	20.1
10 28	4 26.15	+29 33.4	2.465	3.324	10.0	19.9
11 7	4 19.41	+28 59.2	2.405	3.333	7.0	19.7
11 17	4 11.31	+28 14.1	2.372	3.342	3.9	19.6
11 27	4 2.66	+27 19.9	2.368	3.350	1.9	19.4
12 7	3 54.37	+26 19.7	2.395	3.359	4.2	19.6
12 17	3 47.24	+25 17.9	2.452	3.367	7.2	19.8
12 27	3 41.89	+24 19.1	2.536	3.375	10.1	20.0

65472 2002 YJ_7 11 25.2 20°.78 3°.5/26.7 18

10 18	4 33.14	+30 4.9	1.306	2.116	20.1	18.5
10 28	4 29.85	+30 5.5	1.237	2.120	16.2	18.3
11 7	4 22.92	+29 49.5	1.186	2.124	11.5	18.0
11 17	4 13.22	+29 14.6	1.157	2.129	6.6	17.8
11 27	4 2.29	+28 21.9	1.152	2.135	3.5	17.6
12 7	3 51.97	+27 16.9	1.174	2.141	6.9	17.8
12 17	3 43.83	+26 8.2	1.221	2.148	11.7	18.1
12 27	3 38.98	+25 4.7	1.289	2.155	16.1	18.4

347794 2002 GQ_{183} 11 25.2 49°.64 4°.5/23.1 18

10 18	4 30.98	+13 24.6	1.678	2.493	16.1	20.7
10 28	4 26.97	+12 16.4	1.605	2.495	12.7	20.5
11 7	4 20.37	+11 5.5	1.554	2.497	8.8	20.2
11 17	4 11.89	+ 9 56.8	1.528	2.500	5.3	20.0
11 27	4 2.59	+ 8 56.4	1.529	2.502	4.8	20.0
12 7	3 53.69	+ 8 9.6	1.559	2.505	8.0	20.2
12 17	3 46.27	+ 7 40.0	1.614	2.507	11.8	20.5
12 27	3 41.15	+ 7 29.1	1.692	2.510	15.2	20.7

74023 1998 HK_4 11 25.2 77°.73 2°.5/24.5 18

10 18	4 37.72	+15 38.2	1.422	2.235	18.6	19.7
10 28	4 32.50	+15 27.1	1.366	2.255	14.5	19.5
11 7	4 24.17	+15 15.1	1.330	2.276	9.7	19.2
11 17	4 13.62	+15 3.8	1.318	2.296	4.8	19.0
11 27	4 2.23	+14 55.8	1.334	2.317	2.8	18.9
12 7	3 51.53	+14 53.8	1.376	2.337	7.0	19.3
12 17	3 42.81	+14 59.9	1.445	2.356	11.5	19.6
12 27	3 36.95	+15 15.7	1.537	2.376	15.4	19.9

55024 2001 QB_{40} 11 25.2 114°.69 0°.9/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 33.04	+24 27.5	1.977	2.768	14.9	19.7
10 28	4 28.40	+24 23.6	1.897	2.773	11.7	19.5
11 7	4 21.27	+24 11.8	1.838	2.778	8.0	19.3
11 17	4 12.30	+23 51.9	1.805	2.782	3.9	19.1
11 27	4 2.51	+23 25.2	1.801	2.787	1.1	18.9
12 7	3 53.05	+22 54.4	1.826	2.791	5.0	19.2
12 17	3 44.99	+22 23.5	1.879	2.795	9.0	19.4
12 27	3 39.15	+21 56.6	1.957	2.799	12.4	19.6

53861 2000 FW_{25} 11 25.2 30°.88 3°.1/25.9 18

10 18	4 36.07	+25 2.8	1.248	2.066	20.4	17.9
10 28	4 32.24	+25 53.6	1.185	2.074	16.3	17.6
11 7	4 24.62	+26 36.9	1.141	2.084	11.4	17.4
11 17	4 14.06	+27 8.6	1.120	2.095	6.1	17.1
11 27	4 2.12	+27 26.4	1.123	2.106	3.1	17.0
12 7	3 50.74	+27 31.2	1.152	2.118	7.1	17.3
12 17	3 41.61	+27 27.5	1.206	2.131	12.0	17.6
12 27	3 35.93	+27 21.5	1.282	2.144	16.4	17.9

397539 2007 TN_{286} 11 25.2 280°.36 6°.0/27.5 18

10 18	4 36.25	+35 5.9	1.780	2.547	17.2	20.4
10 28	4 31.92	+35 49.5	1.686	2.535	14.3	20.2
11 7	4 24.28	+36 19.8	1.611	2.523	11.0	19.9
11 17	4 13.94	+36 31.4	1.559	2.511	7.8	19.7
11 27	4 2.12	+36 21.1	1.534	2.499	6.0	19.6
12 7	3 50.44	+35 49.8	1.536	2.487	7.5	19.7
12 17	3 40.48	+35 2.3	1.564	2.475	10.9	19.8
12 27	3 33.44	+34 6.9	1.617	2.463	14.4	20.0

379426 2010 BF_{10} 11 25.2 74°.36 0°.8/24.9 17

10 18	4 29.16	+17 56.7	2.707	3.495	11.4	20.6
10 28	4 24.63	+18 0.1	2.624	3.501	8.8	20.4
11 7	4 18.38	+18 1.8	2.566	3.508	5.9	20.2
11 17	4 10.88	+18 2.2	2.536	3.514	2.7	20.0
11 27	4 2.83	+18 2.3	2.536	3.521	1.0	19.9
12 7	3 54.97	+18 3.3	2.566	3.527	4.1	20.2
12 17	3 48.03	+18 6.7	2.625	3.534	7.1	20.4
12 27	3 42.59	+18 13.9	2.712	3.540	9.8	20.6

748 Simeïsa 11 25.2 345°.54 0°.4/25.4 18

10 18	4 26.07	+23 9.6	2.467	3.260	12.2	14.3
10 28	4 22.57	+22 59.7	2.374	3.253	9.6	14.1
11 7	4 17.18	+22 43.9	2.305	3.246	6.5	13.9
11 17	4 10.39	+22 22.6	2.262	3.240	3.1	13.6
11 27	4 2.93	+21 57.1	2.248	3.234	0.7	13.4
12 7	3 55.65	+21 29.9	2.264	3.229	4.2	13.7
12 17	3 49.33	+21 3.6	2.308	3.224	7.5	13.9
12 27	3 44.65	+20 41.3	2.378	3.220	10.5	14.1

219133 1998 VU_{25} 11 25.2 21°.16 2°.4/23.7 18

10 18	4 28.45	+18 41.5	1.936	2.744	14.5	19.0
10 28	4 24.67	+17 29.0	1.860	2.749	11.3	18.8
11 7	4 18.65	+16 9.4	1.807	2.753	7.6	18.6
11 17	4 11.05	+14 46.5	1.781	2.759	3.8	18.4
11 27	4 2.81	+13 25.9	1.784	2.764	2.8	18.4
12 7	3 54.95	+12 13.2	1.815	2.770	6.2	18.6
12 17	3 48.39	+11 13.2	1.875	2.776	9.9	18.8
12 27	3 43.84	+10 29.1	1.958	2.783	13.2	19.1

259953 2004 EB_{74} 11 25.2 153°.43 3°.8/23.7 18

10 18	4 34.46	+13 15.1	1.717	2.523	16.2	20.7
10 28	4 29.64	+12 35.8	1.643	2.528	12.7	20.4
11 7	4 22.17	+11 55.8	1.590	2.532	8.8	20.2
11 17	4 12.74	+11 18.3	1.563	2.536	5.0	20.0
11 27	4 2.44	+10 47.6	1.563	2.540	4.1	20.0
12 7	3 52.52	+10 27.3	1.592	2.543	7.3	20.2
12 17	3 44.13	+10 19.9	1.647	2.545	11.3	20.4
12 27	3 38.11	+10 26.6	1.726	2.548	14.8	20.6

520589 2014 ON_{126} 11 25.2 190°.02 1°.0/24.8 18

10 18	4 32.19	+18 34.4	2.375	3.164	12.8	22.4
10 28	4 27.28	+18 22.6	2.286	3.163	10.0	22.2
11 7	4 20.31	+18 7.6	2.220	3.162	6.7	22.0
11 17	4 11.82	+17 50.2	2.181	3.160	3.1	21.8
11 27	4 2.63	+17 32.1	2.173	3.158	1.3	21.7
12 7	3 53.65	+17 15.4	2.194	3.155	4.8	21.9
12 17	3 45.74	+17 2.6	2.245	3.152	8.2	22.1
12 27	3 39.61	+16 55.8	2.322	3.149	11.3	22.3

72794 2001 FA_{178} 11 25.2 74°.66 4°.4/22.9 18

10 18	4 28.66	+ 9 12.1	2.249	3.049	13.0	19.2
10 28	4 24.45	+ 8 24.9	2.178	3.057	10.3	19.1
11 7	4 18.33	+ 7 39.7	2.130	3.065	7.4	18.9
11 17	4 10.88	+ 7 0.0	2.109	3.073	5.0	18.8
11 27	4 2.86	+ 6 29.6	2.116	3.080	4.7	18.8
12 7	3 55.13	+ 6 11.2	2.152	3.088	6.8	18.9
12 17	3 48.48	+ 6 6.3	2.215	3.096	9.6	19.1
12 27	3 43.53	+ 6 15.1	2.303	3.104	12.3	19.3

227986 2007 JP_2 11 25.2 155°.03 0°.3/25.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 31.74	+19 28.9	2.446	3.233	12.5	20.4
10 28	4 26.89	+19 37.0	2.359	3.235	9.7	20.2
11 7	4 20.03	+19 42.5	2.296	3.237	6.5	20.1
11 17	4 11.70	+19 45.3	2.261	3.239	3.0	19.8
11 27	4 2.67	+19 46.3	2.255	3.241	0.8	19.7
12 7	3 53.84	+19 46.7	2.280	3.243	4.4	19.9
12 17	3 46.05	+19 48.2	2.334	3.245	7.8	20.1
12 27	3 40.00	+19 52.9	2.415	3.246	10.8	20.3

252587 2001 WM_{101} 11 25.2 33°.23 2°.5/24.2 18

10 18	4 30.95	+15 10.8	1.828	2.638	15.2	20.3
10 28	4 26.81	+14 50.8	1.754	2.642	11.9	20.1
11 7	4 20.22	+14 29.5	1.701	2.646	8.1	19.8
11 17	4 11.84	+14 9.2	1.673	2.650	4.1	19.6
11 27	4 2.65	+13 52.5	1.674	2.655	2.8	19.5
12 7	3 53.79	+13 42.2	1.703	2.660	6.2	19.8
12 17	3 46.30	+13 40.5	1.758	2.666	10.1	20.0
12 27	3 40.98	+13 48.9	1.838	2.671	13.6	20.2

437974 2003 QT_{55} 11 25.2 90°.73 1°.2/24.8 18

10 18	4 36.65	+18 18.7	1.849	2.644	15.6	21.3
10 28	4 30.99	+18 9.4	1.789	2.669	12.1	21.1
11 7	4 22.83	+17 56.9	1.751	2.694	8.1	20.9
11 17	4 12.95	+17 42.1	1.739	2.718	3.7	20.7
11 27	4 2.43	+17 26.9	1.756	2.741	1.5	20.6
12 7	3 52.47	+17 13.9	1.803	2.764	5.5	20.9
12 17	3 44.07	+17 5.7	1.878	2.787	9.4	21.2
12 27	3 38.00	+17 4.5	1.977	2.809	12.8	21.5

244915 2003 WL_{141} 11 25.2 11°.31 0°.8/25.1 18

10 18	4 32.27	+17 8.3	1.316	2.144	19.0	19.2
10 28	4 28.89	+17 37.1	1.249	2.147	14.9	19.0
11 7	4 22.20	+18 6.2	1.201	2.151	10.1	18.7
11 17	4 12.92	+18 35.1	1.176	2.157	4.7	18.4
11 27	4 2.41	+19 3.7	1.177	2.163	1.4	18.2
12 7	3 52.30	+19 32.3	1.204	2.171	6.7	18.6
12 17	3 44.09	+20 2.3	1.256	2.179	11.8	18.9
12 27	3 38.87	+20 35.5	1.330	2.189	16.1	19.2

228500 2001 SU_{289} 11 25.2 36°.00 2°.3/26.2 18

10 18	4 33.32	+28 10.0	1.337	2.149	19.6	19.2
10 28	4 29.73	+27 56.2	1.272	2.158	15.6	18.9
11 7	4 22.68	+27 27.3	1.225	2.167	10.9	18.7
11 17	4 13.07	+26 42.3	1.201	2.177	5.7	18.4
11 27	4 2.40	+25 43.9	1.202	2.187	2.3	18.3
12 7	3 52.39	+24 38.0	1.230	2.198	6.4	18.6
12 17	3 44.50	+23 32.7	1.283	2.209	11.4	18.9
12 27	3 39.73	+22 35.6	1.359	2.221	15.7	19.2

132321 2002 GR_{19} 11 25.2 215°.57 1°.9/26.0 18

10 18	4 35.39	+26 10.1	1.979	2.762	15.1	20.2
10 28	4 30.46	+26 24.3	1.888	2.758	12.1	20.0
11 7	4 22.83	+26 30.6	1.818	2.753	8.4	19.8
11 17	4 13.12	+26 27.2	1.774	2.748	4.5	19.5
11 27	4 2.37	+26 14.1	1.759	2.742	2.0	19.4
12 7	3 51.83	+25 53.0	1.772	2.737	5.3	19.6
12 17	3 42.68	+25 27.8	1.814	2.730	9.3	19.8
12 27	3 35.89	+25 3.2	1.882	2.724	12.9	20.0

300726 2007 VW_{132} 11 25.2 294°.50 0°.1/25.3 16

10 18	4 31.92	+22 26.9	1.778	2.581	15.8	22.3
10 28	4 27.93	+22 14.7	1.689	2.573	12.5	22.0
11 7	4 21.21	+21 55.1	1.621	2.565	8.5	21.8
11 17	4 12.39	+21 28.4	1.578	2.557	4.0	21.5
11 27	4 2.53	+20 56.3	1.563	2.549	0.8	21.2
12 7	3 52.91	+20 22.4	1.576	2.542	5.6	21.6
12 17	3 44.73	+19 50.9	1.617	2.534	10.1	21.8
12 27	3 38.93	+19 26.2	1.681	2.527	14.0	22.0

49761 1999 VU_{201} 11 25.2 244°.47 3°.9/26.4 18

10 18	4 37.78	+28 37.0	1.553	2.345	18.3	18.9
10 28	4 33.23	+29 17.2	1.470	2.342	14.8	18.6
11 7	4 25.20	+29 47.6	1.406	2.339	10.6	18.4
11 17	4 14.37	+30 4.3	1.366	2.335	6.3	18.1
11 27	4 2.09	+30 4.7	1.353	2.332	3.9	18.0
12 7	3 50.07	+29 50.1	1.366	2.328	6.8	18.1
12 17	3 39.92	+29 25.1	1.406	2.325	11.2	18.4
12 27	3 32.88	+28 56.8	1.470	2.321	15.3	18.6

435508 2008 HE_{23} 11 25.2 246°.82 0°.8/25.5 18

10 18	4 36.46	+22 55.9	1.686	2.484	16.8	22.2
10 28	4 31.81	+23 2.3	1.592	2.472	13.4	21.9
11 7	4 24.05	+23 2.1	1.518	2.459	9.2	21.7
11 17	4 13.81	+22 54.2	1.468	2.446	4.4	21.4
11 27	4 2.22	+22 38.8	1.447	2.433	1.1	21.1
12 7	3 50.76	+22 18.5	1.454	2.419	6.0	21.4
12 17	3 40.86	+21 57.3	1.488	2.405	10.8	21.6
12 27	3 33.66	+21 40.1	1.545	2.390	15.0	21.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
472388 2015 BZ_{122}			11 25.2 119°.15		2°.3/24.5 16	
	h m	° ′			°	m
10 18	4 38.30	+16 8.5	1.605	2.408	17.3	22.1
10 28	4 32.74	+15 51.3	1.539	2.423	13.5	21.9
11 7	4 24.28	+15 32.1	1.494	2.438	9.1	21.7
11 17	4 13.71	+15 12.6	1.475	2.452	4.5	21.5
11 27	4 2.29	+14 55.6	1.483	2.466	2.6	21.4
12 7	3 51.41	+14 44.1	1.520	2.479	6.7	21.7
12 17	3 42.31	+14 40.7	1.584	2.491	11.0	22.0
12 27	3 35.86	+14 47.4	1.672	2.503	14.7	22.2
125692 2001 XM_{89}			11 25.2 226°.42		1°.9/25.9 18	
10 18	4 36.58	+25 13.9	1.854	2.641	15.9	20.1
10 28	4 31.62	+25 35.3	1.762	2.634	12.7	19.9
11 7	4 23.76	+25 49.8	1.691	2.628	8.8	19.6
11 17	4 13.61	+25 55.4	1.646	2.620	4.6	19.4
11 27	4 2.28	+25 51.2	1.629	2.613	2.0	19.2
12 7	3 51.11	+25 38.9	1.641	2.605	5.6	19.4
12 17	3 41.43	+25 22.0	1.680	2.597	9.8	19.6
12 27	3 34.26	+25 5.2	1.745	2.588	13.7	19.9
483708 2005 SL_{143}			11 25.2 17°.74		5°.5/22.7 17	
10 18	4 28.56	+ 9 31.9	1.739	2.555	15.6	21.3
10 28	4 24.98	+ 8 30.7	1.670	2.558	12.4	21.1
11 7	4 19.00	+ 7 31.2	1.623	2.562	8.9	20.9
11 17	4 11.28	+ 6 38.4	1.601	2.566	6.1	20.7
11 27	4 2.82	+ 5 57.7	1.606	2.571	5.8	20.7
12 7	3 54.72	+ 5 33.2	1.638	2.576	8.4	20.9
12 17	3 47.97	+ 5 26.8	1.695	2.582	11.7	21.1
12 27	3 43.36	+ 5 38.5	1.775	2.588	14.8	21.3
477428 2009 WX_{84}			11 25.2 134°.48		2°.8/26.4 18	
10 18	4 37.80	+28 51.1	1.789	2.569	16.6	21.9
10 28	4 32.49	+29 1.9	1.712	2.578	13.3	21.7
11 7	4 24.21	+29 1.3	1.656	2.587	9.4	21.5
11 17	4 13.74	+28 47.3	1.625	2.595	5.3	21.3
11 27	4 2.29	+28 19.8	1.621	2.603	2.8	21.1
12 7	3 51.30	+27 41.8	1.647	2.610	5.7	21.3
12 17	3 42.04	+26 58.6	1.701	2.617	9.7	21.6
12 27	3 35.45	+26 16.5	1.779	2.624	13.4	21.8
204101 2003 WW_{100}			11 25.2 93°.06		6°.5/29.1 18	
10 18	4 39.78	+40 34.5	1.912	2.648	17.2	19.9
10 28	4 34.07	+40 50.7	1.843	2.666	14.4	19.8
11 7	4 25.22	+40 47.5	1.792	2.684	11.3	19.6
11 17	4 14.14	+40 20.8	1.765	2.702	8.4	19.5
11 27	4 2.23	+39 29.6	1.765	2.719	6.6	19.4
12 7	3 51.03	+38 17.6	1.793	2.736	7.4	19.5
12 17	3 41.85	+36 52.1	1.848	2.753	9.8	19.7
12 27	3 35.56	+35 22.3	1.929	2.769	12.7	19.9
389500 2010 FU_{84}			11 25.2 23°.02		9°.3/21.5 18	
10 18	4 28.23	+ 4 55.3	1.278	2.112	19.1	18.9
10 28	4 25.35	+ 3 14.2	1.228	2.120	15.6	18.7
11 7	4 19.52	+ 1 40.0	1.197	2.129	12.0	18.6
11 17	4 11.57	+ 0 22.4	1.188	2.140	9.6	18.5
11 27	4 2.78	− 0 29.9	1.203	2.151	9.8	18.5
12 7	3 54.57	− 0 52.0	1.242	2.163	12.2	18.7
12 17	3 48.14	− 0 43.6	1.303	2.177	15.5	18.9
12 27	3 44.34	− 0 7.9	1.384	2.191	18.6	19.2
409221 2003 XN_{27}			11 25.2 60°.07		0°.2/25.2 18	R
10 18	4 31.07	+21 0.4	2.136	2.931	13.8	21.1
10 28	4 26.52	+20 54.4	2.067	2.947	10.7	20.9
11 7	4 19.83	+20 43.7	2.020	2.963	7.2	20.7
11 17	4 11.61	+20 28.8	2.001	2.979	3.3	20.5
11 27	4 2.78	+20 11.2	2.010	2.996	0.8	20.3
12 7	3 54.32	+19 53.3	2.048	3.012	4.7	20.7
12 17	3 47.12	+19 37.8	2.115	3.029	8.3	20.9
12 27	3 41.86	+19 27.2	2.208	3.046	11.4	21.1
186622 2003 FQ_{45}			11 25.2 357°.59		2°.3/24.1 18	
10 18	4 29.80	+16 50.5	1.899	2.707	14.8	20.4
10 28	4 25.88	+16 13.2	1.818	2.706	11.5	20.2
11 7	4 19.61	+15 32.0	1.760	2.706	7.8	19.9
11 17	4 11.58	+14 49.6	1.728	2.705	3.9	19.7
11 27	4 2.77	+14 9.5	1.724	2.705	2.7	19.6
12 7	3 54.26	+13 35.6	1.748	2.705	6.1	19.9
12 17	3 47.05	+13 11.3	1.799	2.706	10.0	20.1
12 27	3 41.92	+12 58.8	1.875	2.706	13.4	20.3
320236 2007 JP_{21}			11 25.2 117°.30		1°.4/24.4 18	
10 18	4 29.89	+17 41.1	2.669	3.457	11.5	21.0
10 28	4 25.12	+17 13.4	2.594	3.471	8.9	20.9
11 7	4 18.66	+16 42.7	2.544	3.485	6.0	20.7
11 17	4 11.02	+16 10.8	2.521	3.498	2.9	20.5
11 27	4 2.91	+15 39.7	2.529	3.512	1.6	20.5
12 7	3 55.09	+15 11.9	2.567	3.524	4.4	20.7
12 17	3 48.25	+14 49.6	2.635	3.537	7.4	20.9
12 27	3 42.94	+14 34.6	2.729	3.549	10.0	21.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
471048 2009 UK_{72}			11 25.2 23°.74		1°.8/24.7 18	
	h m	° ′			°	m
10 18	4 30.90	+18 37.2	1.103	1.946	20.9	20.4
10 28	4 28.17	+18 19.2	1.049	1.955	16.4	20.1
11 7	4 21.81	+17 55.9	1.012	1.965	11.0	19.9
11 17	4 12.74	+17 29.7	0.996	1.977	5.1	19.6
11 27	4 2.54	+17 4.3	1.005	1.990	2.3	19.5
12 7	3 53.04	+16 44.4	1.038	2.004	7.7	19.8
12 17	3 45.77	+16 34.3	1.094	2.019	13.0	20.2
12 27	3 41.74	+16 36.7	1.171	2.035	17.5	20.5
156927 2003 FL_{63}			11 25.2 293°.03		0°.4/25.1 18	
10 18	4 33.36	+20 14.9	1.554	2.366	17.3	20.4
10 28	4 29.61	+20 14.8	1.461	2.350	13.7	20.2
11 7	4 22.71	+20 9.8	1.388	2.334	9.4	19.9
11 17	4 13.25	+19 59.9	1.338	2.318	4.4	19.5
11 27	4 2.40	+19 46.3	1.316	2.302	1.1	19.3
12 7	3 51.63	+19 31.9	1.321	2.287	6.4	19.6
12 17	3 42.44	+19 20.4	1.352	2.271	11.5	19.8
12 27	3 35.99	+19 15.8	1.406	2.256	16.0	20.1
157537 2005 TO_{130}			11 25.2 263°.06		2°.2/24.3 18	
10 18	4 33.09	+17 27.2	1.615	2.427	16.8	21.2
10 28	4 28.98	+16 56.0	1.532	2.421	13.2	20.9
11 7	4 21.99	+16 20.1	1.469	2.416	8.9	20.7
11 17	4 12.79	+15 41.8	1.432	2.410	4.4	20.4
11 27	4 2.52	+15 4.8	1.421	2.405	2.6	20.3
12 7	3 52.54	+14 33.4	1.439	2.399	6.8	20.5
12 17	3 44.11	+14 11.6	1.482	2.393	11.4	20.8
12 27	3 38.23	+14 2.5	1.549	2.387	15.4	21.0
476862 2008 UA_{352}			11 25.2 9°.50		12°.2/21.6 18	
10 18	4 26.36	− 0 41.9	1.124	1.962	20.9	19.6
10 28	4 24.33	− 2 13.1	1.076	1.964	17.6	19.4
11 7	4 19.07	− 3 28.9	1.045	1.968	14.5	19.3
11 17	4 11.45	− 4 18.7	1.035	1.974	12.4	19.2
11 27	4 2.83	− 4 33.8	1.046	1.981	12.5	19.2
12 7	3 54.78	− 4 11.3	1.078	1.990	14.6	19.4
12 17	3 48.62	− 3 13.9	1.130	2.001	17.6	19.6
12 27	3 45.31	− 1 48.2	1.201	2.012	20.6	19.8
438444 2006 WC_{174}			11 25.2 296°.71		1°.6/24.8 18	
10 18	4 34.20	+17 6.7	1.444	2.262	18.1	21.6
10 28	4 30.39	+17 7.4	1.357	2.250	14.3	21.3
11 7	4 23.29	+17 6.3	1.291	2.238	9.8	21.0
11 17	4 13.54	+17 4.4	1.248	2.227	4.7	20.7
11 27	4 2.35	+17 3.3	1.231	2.215	2.1	20.5
12 7	3 51.32	+17 5.3	1.240	2.204	7.1	20.8
12 17	3 41.97	+17 13.3	1.276	2.193	12.2	21.1
12 27	3 35.51	+17 29.8	1.333	2.183	16.7	21.3
238253 2003 UU_{354}			11 25.2 160°.97		1°.7/24.5 18	
10 18	4 33.72	+17 26.7	2.123	2.915	13.9	21.6
10 28	4 28.63	+17 2.7	2.041	2.921	10.9	21.4
11 7	4 21.30	+16 35.5	1.983	2.925	7.3	21.2
11 17	4 12.34	+16 6.6	1.952	2.930	3.5	20.9
11 27	4 2.65	+15 38.4	1.950	2.933	2.0	20.8
12 7	3 53.27	+15 14.0	1.978	2.937	5.4	21.1
12 17	3 45.14	+14 56.1	2.035	2.939	9.1	21.3
12 27	3 39.00	+14 46.9	2.117	2.942	12.3	21.5
159593 2001 XR_{167}			11 25.2 349°.81		1°.1/24.9 18	R
10 18	4 29.15	+20 1.2	1.247	2.082	19.4	19.8
10 28	4 26.76	+19 45.9	1.172	2.075	15.3	19.5
11 7	4 20.96	+19 23.7	1.117	2.069	10.4	19.2
11 17	4 12.45	+18 56.0	1.083	2.064	4.8	18.9
11 27	4 2.61	+18 26.0	1.075	2.060	1.7	18.6
12 7	3 53.12	+17 58.4	1.091	2.058	7.2	19.0
12 17	3 45.55	+17 38.2	1.131	2.056	12.6	19.3
12 27	3 41.04	+17 29.5	1.192	2.056	17.3	19.6
349209 2007 RK_{281}			11 25.2 75°.06		7°.9/29.5 18	
10 18	4 39.00	+42 9.0	1.808	2.543	18.0	20.3
10 28	4 33.96	+42 47.0	1.736	2.554	15.4	20.2
11 7	4 25.47	+43 5.1	1.682	2.566	12.4	20.0
11 17	4 14.40	+42 57.7	1.651	2.578	9.6	19.9
11 27	4 2.23	+42 22.0	1.645	2.589	8.0	19.8
12 7	3 50.68	+41 20.8	1.666	2.601	8.6	19.9
12 17	3 41.26	+40 1.3	1.713	2.612	10.8	20.0
12 27	3 34.96	+38 33.4	1.784	2.624	13.6	20.2
159832 2003 UQ_{64}			11 25.2 64°.83		2°.1/24.7 18	
10 18	4 35.04	+12 22.4	2.250	3.038	13.4	19.5
10 28	4 29.55	+12 48.7	2.169	3.044	10.5	19.3
11 7	4 21.89	+13 18.2	2.112	3.051	7.2	19.1
11 17	4 12.63	+13 51.2	2.082	3.057	3.7	18.9
11 27	4 2.61	+14 27.7	2.082	3.064	2.3	18.8
12 7	3 52.81	+15 7.7	2.114	3.071	5.2	19.0
12 17	3 44.15	+15 51.0	2.174	3.078	8.6	19.2
12 27	3 37.38	+16 37.8	2.262	3.085	11.7	19.4

156923 2003 FT_{58} 11 25.2 209°.97 0°.3/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 36.10	+21 54.2	1.972	2.761	15.0	20.7
10 28	4 30.95	+21 59.4	1.880	2.756	11.8	20.5
11 7	4 23.16	+21 59.4	1.810	2.750	8.1	20.3
11 17	4 13.32	+21 53.6	1.766	2.744	3.8	20.0
11 27	4 2.46	+21 42.6	1.751	2.738	0.8	19.7
12 7	3 51.79	+21 28.4	1.766	2.731	5.3	20.1
12 17	3 42.48	+21 14.3	1.809	2.723	9.5	20.3
12 27	3 35.45	+21 3.8	1.878	2.715	13.1	20.5

255165 2005 UT_{198} 11 25.2 96°.93 0°.7/24.9 18

10 18	4 31.63	+20 15.6	2.129	2.923	13.8	21.3
10 28	4 27.02	+19 58.1	2.052	2.933	10.8	21.1
11 7	4 20.22	+19 35.7	1.999	2.942	7.2	20.9
11 17	4 11.85	+19 9.5	1.972	2.951	3.3	20.6
11 27	4 2.81	+18 41.5	1.974	2.960	1.1	20.5
12 7	3 54.11	+18 14.5	2.006	2.968	4.9	20.8
12 17	3 46.65	+17 51.7	2.066	2.977	8.6	21.0
12 27	3 41.15	+17 35.7	2.151	2.986	11.8	21.3

97017 1999 TJ_{263} 11 25.3 195°.60 1°.0/24.8 18

10 18	4 33.28	+19 58.1	2.081	2.874	14.2	20.2
10 28	4 28.46	+19 33.1	1.993	2.872	11.1	20.0
11 7	4 21.30	+19 2.5	1.928	2.870	7.5	19.8
11 17	4 12.41	+18 27.7	1.889	2.868	3.5	19.5
11 27	4 2.70	+17 51.0	1.879	2.865	1.3	19.3
12 7	3 53.26	+17 15.7	1.900	2.861	5.3	19.6
12 17	3 45.08	+16 45.6	1.948	2.857	9.2	19.8
12 27	3 38.95	+16 23.7	2.023	2.853	12.6	20.1

56629 2000 KV 11 25.3 113°.35 0°.7/24.9 18 R

10 18	4 36.25	+20 24.5	1.792	2.589	16.0	20.0
10 28	4 30.94	+20 7.4	1.723	2.604	12.5	19.8
11 7	4 23.00	+19 44.8	1.676	2.619	8.4	19.6
11 17	4 13.16	+19 17.4	1.654	2.633	3.8	19.4
11 27	4 2.56	+18 47.7	1.661	2.647	1.2	19.2
12 7	3 52.45	+18 19.0	1.697	2.660	5.6	19.5
12 17	3 43.93	+17 55.0	1.761	2.674	9.8	19.8
12 27	3 37.83	+17 39.1	1.850	2.686	13.3	20.1

35726 1999 GW 11 25.3 219°.70 2°.4/24.4 18

10 18	4 35.88	+16 35.9	1.583	2.392	17.2	19.1
10 28	4 31.25	+16 10.5	1.499	2.387	13.6	18.9
11 7	4 23.61	+15 41.7	1.436	2.381	9.2	18.6
11 17	4 13.61	+15 11.4	1.397	2.375	4.6	18.3
11 27	4 2.44	+14 43.1	1.386	2.369	2.8	18.2
12 7	3 51.55	+14 20.6	1.403	2.362	7.1	18.4
12 17	3 42.29	+14 7.7	1.446	2.355	11.7	18.7
12 27	3 35.70	+14 6.9	1.512	2.348	15.8	18.9

210330 2007 TG_{281} 11 25.3 217°.32 3°.2/26.4 16

10 18	4 38.58	+28 19.1	1.515	2.308	18.6	21.3
10 28	4 33.91	+28 38.4	1.430	2.304	15.0	21.0
11 7	4 25.71	+28 46.3	1.365	2.299	10.7	20.8
11 17	4 14.68	+28 39.5	1.323	2.294	6.0	20.5
11 27	4 2.20	+28 16.7	1.307	2.289	3.2	20.3
12 7	3 50.03	+27 40.8	1.319	2.283	6.6	20.5
12 17	3 39.80	+26 57.8	1.357	2.277	11.4	20.8
12 27	3 32.74	+26 15.3	1.419	2.271	15.7	21.0

383080 2005 ST_{65} 11 25.3 47°.35 1°.1/25.7 16

10 18	4 36.80	+25 48.3	1.168	1.988	21.4	20.5
10 28	4 32.38	+25 26.7	1.125	2.017	16.7	20.3
11 7	4 24.32	+24 51.5	1.100	2.046	11.3	20.1
11 17	4 13.77	+24 3.6	1.098	2.076	5.4	19.8
11 27	4 2.47	+23 7.0	1.120	2.106	1.4	19.7
12 7	3 52.25	+22 8.4	1.169	2.137	6.6	20.1
12 17	3 44.50	+21 15.4	1.243	2.168	11.7	20.5
12 27	3 40.04	+20 33.8	1.339	2.199	15.9	20.8

337924 2001 XL_{236} 11 25.3 27°.27 1°.9/25.8 18

10 18	4 32.87	+24 31.9	1.170	1.999	20.8	20.0
10 28	4 29.76	+24 50.5	1.114	2.010	16.5	19.7
11 7	4 22.94	+24 59.2	1.075	2.023	11.3	19.5
11 17	4 13.33	+24 56.4	1.059	2.037	5.7	19.2
11 27	4 2.54	+24 42.6	1.067	2.052	2.0	19.0
12 7	3 52.44	+24 21.5	1.100	2.068	6.8	19.4
12 17	3 44.63	+23 58.7	1.156	2.085	12.0	19.7
12 27	3 40.15	+23 40.1	1.235	2.103	16.5	20.1

65930 1998 FS_{57} 11 25.3 73°.65 4°.8/27.4 18

10 18	4 42.24	+33 32.7	1.743	2.505	17.7	19.1
10 28	4 35.84	+34 5.1	1.690	2.540	14.3	19.0
11 7	4 26.33	+34 22.5	1.658	2.574	10.5	18.8
11 17	4 14.67	+34 21.3	1.651	2.608	6.8	18.7
11 27	4 2.28	+34 0.7	1.671	2.642	4.8	18.6
12 7	3 50.71	+33 23.9	1.720	2.675	6.5	18.8
12 17	3 41.22	+32 37.2	1.796	2.707	9.7	19.1
12 27	3 34.64	+31 47.8	1.897	2.739	12.8	19.3

420169 2011 GC_{12} 11 25.3 272°.69 0°.0/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 29.34	+22 12.0	2.482	3.270	12.3	21.6
10 28	4 25.16	+21 55.9	2.381	3.257	9.7	21.4
11 7	4 19.00	+21 34.0	2.303	3.244	6.5	21.2
11 17	4 11.34	+21 6.8	2.253	3.231	3.0	20.9
11 27	4 2.95	+20 35.9	2.232	3.218	0.7	20.7
12 7	3 54.69	+20 3.7	2.241	3.205	4.3	21.0
12 17	3 47.41	+19 33.4	2.279	3.192	7.8	21.2
12 27	3 41.81	+19 8.0	2.344	3.178	10.9	21.3

289645 2005 GH_{103} 11 25.3 307°.66 11°.9/28.1 16

10 18	4 48.63	+51 34.8	2.324	2.975	16.5	20.4
10 28	4 42.91	+53 49.4	2.227	2.959	15.0	20.2
11 7	4 32.80	+55 50.6	2.151	2.943	13.6	20.1
11 17	4 18.52	+57 28.2	2.096	2.927	12.4	20.0
11 27	4 1.29	+58 33.0	2.066	2.912	11.9	19.9
12 7	3 43.27	+59 0.3	2.060	2.896	12.2	19.9
12 17	3 26.95	+58 52.0	2.078	2.881	13.3	20.0
12 27	3 14.43	+58 16.3	2.117	2.866	14.9	20.0

444913 2008 AT_{5} 11 25.3 4°.72 1°.4/24.7 18

10 18	4 30.90	+19 5.6	1.588	2.404	16.8	21.5
10 28	4 27.29	+18 43.5	1.512	2.404	13.2	21.3
11 7	4 20.86	+18 16.0	1.456	2.404	8.9	21.0
11 17	4 12.30	+17 45.0	1.425	2.405	4.2	20.7
11 27	4 2.76	+17 13.3	1.421	2.406	1.8	20.6
12 7	3 53.57	+16 45.1	1.444	2.408	6.3	20.9
12 17	3 45.97	+16 24.2	1.494	2.410	10.8	21.2
12 27	3 40.87	+16 13.8	1.566	2.412	14.8	21.4

517768 2015 OY_{86} 11 25.3 207°.52 0°.9/25.7 18

10 18	4 32.63	+25 6.8	1.892	2.685	15.4	21.6
10 28	4 28.29	+24 51.3	1.808	2.685	12.1	21.4
11 7	4 21.35	+24 26.4	1.745	2.685	8.3	21.1
11 17	4 12.48	+23 52.0	1.708	2.685	4.1	20.9
11 27	4 2.72	+23 10.0	1.698	2.684	1.1	20.7
12 7	3 53.30	+22 24.0	1.718	2.684	5.2	20.9
12 17	3 45.31	+21 39.0	1.766	2.684	9.4	21.2
12 27	3 39.62	+20 59.7	1.839	2.683	13.0	21.4

435535 2008 LG_{17} 11 25.3 90°.34 4°.4/23.9 18

10 18	4 36.22	+10 59.1	1.568	2.376	17.3	21.1
10 28	4 31.13	+10 34.8	1.506	2.392	13.7	20.9
11 7	4 23.23	+10 13.3	1.466	2.407	9.5	20.7
11 17	4 13.31	+ 9 57.9	1.450	2.421	5.6	20.5
11 27	4 2.58	+ 9 51.8	1.461	2.436	4.6	20.5
12 7	3 52.38	+ 9 57.4	1.500	2.451	7.8	20.7
12 17	3 43.89	+10 15.7	1.565	2.465	11.7	20.9
12 27	3 37.96	+10 46.4	1.654	2.479	15.2	21.2

305167 2007 VL_{264} 11 25.3 205°.45 0°.8/25.7 18

10 18	4 33.56	+24 23.1	2.186	2.969	13.9	21.5
10 28	4 28.70	+24 16.4	2.094	2.966	11.0	21.3
11 7	4 21.49	+24 2.1	2.024	2.962	7.5	21.0
11 17	4 12.53	+23 40.2	1.981	2.958	3.7	20.8
11 27	4 2.73	+23 11.7	1.967	2.953	1.0	20.6
12 7	3 53.15	+22 39.2	1.983	2.948	4.7	20.8
12 17	3 44.80	+22 6.3	2.028	2.943	8.5	21.1
12 27	3 38.50	+21 37.2	2.099	2.937	11.9	21.3

131125 2001 BD_{24} 11 25.3 170°.26 6°.9/22.2 18

10 18	4 33.66	− 1 1.8	2.481	3.249	12.9	20.3
10 28	4 28.15	− 1 44.1	2.407	3.253	10.7	20.1
11 7	4 20.78	− 2 18.0	2.357	3.257	8.6	20.0
11 17	4 12.10	− 2 39.2	2.333	3.261	7.1	19.9
11 27	4 2.83	− 2 44.4	2.337	3.263	7.1	19.9
12 7	3 53.83	− 2 32.1	2.370	3.265	8.5	20.0
12 17	3 45.85	− 2 2.3	2.430	3.266	10.6	20.2
12 27	3 39.52	− 1 16.8	2.514	3.267	12.7	20.3

405740 2005 YT_{39} 11 25.3 229°.76 3°.0/23.9 17

10 18	4 30.61	+11 49.3	2.340	3.134	12.7	21.1
10 28	4 26.09	+11 32.7	2.252	3.131	10.0	20.9
11 7	4 19.58	+11 17.3	2.189	3.127	7.0	20.7
11 17	4 11.61	+11 5.2	2.152	3.123	4.0	20.5
11 27	4 2.93	+10 58.5	2.144	3.119	3.3	20.4
12 7	3 54.44	+10 59.3	2.166	3.115	5.8	20.6
12 17	3 46.95	+11 8.6	2.216	3.111	8.9	20.8
12 27	3 41.18	+11 27.3	2.292	3.107	11.8	21.0

67917 2000 WU_{109} 11 25.3 125°.37 2°.3/26.3 18 R

10 18	4 36.67	+28 8.7	1.969	2.746	15.4	19.7
10 28	4 31.29	+28 12.1	1.893	2.758	12.3	19.5
11 7	4 23.27	+28 5.1	1.839	2.770	8.6	19.3
11 17	4 13.33	+27 46.5	1.810	2.781	4.7	19.1
11 27	4 2.58	+27 16.6	1.810	2.792	2.3	19.0
12 7	3 52.27	+26 38.6	1.839	2.803	5.2	19.2
12 17	3 43.50	+25 57.0	1.897	2.813	8.9	19.4
12 27	3 37.13	+25 17.2	1.981	2.823	12.3	19.7

278294 2007 GS_{51} 11 25.3 186°.49 3°.1/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 34.10	+14 16.6	2.014	2.810	14.5	21.8
10 28	4 29.08	+13 35.1	1.930	2.810	11.4	21.6
11 7	4 21.72	+12 51.4	1.869	2.810	7.8	21.4
11 17	4 12.62	+12 8.6	1.835	2.808	4.3	21.1
11 27	4 2.73	+11 30.3	1.829	2.807	3.4	21.1
12 7	3 53.12	+11 0.2	1.854	2.804	6.5	21.3
12 17	3 44.79	+10 41.1	1.906	2.801	10.1	21.5
12 27	3 38.53	+10 34.9	1.982	2.798	13.4	21.7

324284 2006 CJ_{59} 11 25.3 254°.56 4°.1/22.9 17

10 18	4 28.65	+ 9 49.4	2.379	3.177	12.5	20.7
10 28	4 24.52	+ 9 4.2	2.291	3.169	9.9	20.5
11 7	4 18.51	+ 8 20.0	2.227	3.162	7.1	20.4
11 17	4 11.11	+ 7 40.0	2.190	3.155	4.7	20.2
11 27	4 3.05	+ 7 7.8	2.181	3.147	4.4	20.2
12 7	3 55.17	+ 6 46.4	2.202	3.139	6.6	20.3
12 17	3 48.25	+ 6 37.7	2.250	3.132	9.4	20.5
12 27	3 42.96	+ 6 42.2	2.323	3.124	12.2	20.6

393439 2001 TT_{117} 11 25.3 105°.93 3°.5/27.7 18 R

10 18	4 38.15	+35 0.2	2.417	3.158	13.9	20.6
10 28	4 31.83	+34 47.5	2.347	3.184	11.2	20.5
11 7	4 23.27	+34 20.9	2.299	3.209	8.3	20.3
11 17	4 13.20	+33 39.1	2.277	3.234	5.3	20.2
11 27	4 2.64	+32 43.1	2.285	3.258	3.5	20.1
12 7	3 52.67	+31 36.3	2.325	3.281	4.9	20.2
12 17	3 44.18	+30 24.2	2.394	3.304	7.6	20.4
12 27	3 37.85	+29 12.8	2.490	3.326	10.3	20.7

392531 2011 QH_{66} 11 25.3 63°.07 9°.3/22.5 18

10 18	4 34.20	− 1 1.0	1.616	2.412	17.5	20.5
10 28	4 29.15	− 2 6.8	1.576	2.439	14.4	20.3
11 7	4 21.64	− 2 59.3	1.557	2.466	11.5	20.2
11 17	4 12.48	− 3 31.9	1.561	2.494	9.6	20.2
11 27	4 2.80	− 3 40.0	1.591	2.521	9.5	20.2
12 7	3 53.77	− 3 22.5	1.647	2.548	11.1	20.4
12 17	3 46.38	− 2 41.2	1.726	2.575	13.6	20.6
12 27	3 41.30	− 1 40.4	1.827	2.602	16.0	20.9

293755 2007 RU_{83} 11 25.3 80°.76 3°.6/26.8 15

10 18	4 37.20	+30 35.1	1.752	2.530	17.0	21.5
10 28	4 32.06	+30 54.6	1.685	2.548	13.6	21.3
11 7	4 23.95	+31 1.7	1.638	2.565	9.8	21.2
11 17	4 13.68	+30 53.7	1.616	2.582	5.9	21.0
11 27	4 2.52	+30 30.2	1.621	2.599	3.6	20.9
12 7	3 51.92	+29 54.4	1.655	2.616	5.9	21.0
12 17	3 43.12	+29 11.5	1.716	2.633	9.6	21.3
12 27	3 37.03	+28 28.2	1.802	2.650	13.1	21.6

515474 2014 AD_{19} 11 25.3 289°.10 1°.2/25.7 18

10 18	4 33.64	+24 41.5	1.559	2.364	17.6	21.8
10 28	4 29.95	+24 40.7	1.464	2.348	14.0	21.5
11 7	4 23.04	+24 30.4	1.389	2.332	9.7	21.2
11 17	4 13.50	+24 9.5	1.338	2.315	4.8	20.9
11 27	4 2.52	+23 38.6	1.313	2.299	1.4	20.6
12 7	3 51.68	+23 1.2	1.316	2.282	6.3	20.9
12 17	3 42.46	+22 22.6	1.344	2.266	11.3	21.1
12 27	3 36.08	+21 49.2	1.396	2.250	15.8	21.3

181581 2006 VR_{87} 11 25.3 64°.24 4°.0/26.6 18

10 18	4 39.67	+29 6.8	1.328	2.128	20.4	20.1
10 28	4 34.79	+29 42.2	1.272	2.148	16.3	19.9
11 7	4 26.18	+30 4.4	1.234	2.168	11.6	19.6
11 17	4 14.80	+30 9.7	1.218	2.188	6.8	19.4
11 27	4 2.30	+29 56.6	1.228	2.208	4.0	19.3
12 7	3 50.58	+29 28.6	1.265	2.228	7.0	19.6
12 17	3 41.24	+28 52.3	1.327	2.249	11.4	19.9
12 27	3 35.30	+28 15.5	1.412	2.269	15.5	20.2

212114 2005 EW_{179} 11 25.3 349°.50 1°.1/24.8 18

10 18	4 29.55	+20 22.2	1.442	2.266	17.8	20.8
10 28	4 26.62	+19 56.0	1.365	2.261	14.0	20.5
11 7	4 20.63	+19 22.3	1.307	2.256	9.5	20.3
11 17	4 12.29	+18 42.8	1.272	2.252	4.4	20.0
11 27	4 2.82	+18 1.1	1.264	2.249	1.6	19.8
12 7	3 53.69	+17 22.1	1.282	2.247	6.7	20.1
12 17	3 46.25	+16 50.8	1.325	2.245	11.6	20.4
12 27	3 41.53	+16 31.5	1.390	2.245	15.8	20.6

167527 2003 YF_{151} 11 25.3 28°.07 2°.5/25.7 18

10 18	4 37.47	+22 22.3	1.403	2.213	19.0	18.8
10 28	4 32.98	+23 33.5	1.339	2.224	15.0	18.6
11 7	4 25.02	+24 41.9	1.294	2.236	10.4	18.4
11 17	4 14.35	+25 43.2	1.273	2.249	5.4	18.1
11 27	4 2.38	+26 33.8	1.279	2.263	2.6	18.0
12 7	3 50.84	+27 12.5	1.313	2.278	6.5	18.3
12 17	3 41.30	+27 41.2	1.372	2.293	11.2	18.6
12 27	3 34.90	+28 4.1	1.454	2.309	15.2	18.9

180327 2003 YD_{16} 11 25.3 11°.97 2°.1/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 32.70	+24 23.1	1.124	1.956	21.3	19.6
10 28	4 30.02	+24 48.7	1.059	1.958	16.9	19.3
11 7	4 23.42	+25 5.2	1.013	1.961	11.7	19.0
11 17	4 13.72	+25 10.3	0.987	1.965	6.0	18.7
11 27	4 2.53	+25 3.4	0.985	1.970	2.2	18.5
12 7	3 51.88	+24 47.5	1.007	1.976	7.2	18.8
12 17	3 43.54	+24 28.4	1.053	1.983	12.7	19.2
12 27	3 38.75	+24 12.4	1.120	1.991	17.5	19.5

409770 2006 DB_{175} 11 25.3 283°.76 0°.2/25.2 17

10 18	4 30.37	+21 1.0	2.291	3.083	13.1	21.9
10 28	4 26.07	+20 54.7	2.202	3.080	10.2	21.7
11 7	4 19.66	+20 43.9	2.136	3.078	6.9	21.5
11 17	4 11.69	+20 28.8	2.096	3.075	3.2	21.3
11 27	4 2.97	+20 10.9	2.086	3.072	0.7	21.1
12 7	3 54.45	+19 52.3	2.106	3.070	4.6	21.3
12 17	3 47.03	+19 35.6	2.154	3.067	8.2	21.6
12 27	3 41.43	+19 23.7	2.228	3.064	11.4	21.8

358162 2006 RZ_{92} 11 25.3 36°.50 2°.5/24.1 18

10 18	4 30.81	+16 47.6	1.795	2.605	15.4	21.1
10 28	4 26.80	+16 8.3	1.719	2.608	12.0	20.9
11 7	4 20.32	+15 25.1	1.666	2.611	8.1	20.7
11 17	4 12.02	+14 40.8	1.638	2.615	4.1	20.4
11 27	4 2.92	+13 59.3	1.638	2.619	2.8	20.4
12 7	3 54.18	+13 24.6	1.666	2.623	6.3	20.6
12 17	3 46.84	+13 0.3	1.721	2.628	10.3	20.8
12 27	3 41.70	+12 48.5	1.800	2.632	13.8	21.1

434594 2005 UT_{225} 11 25.3 48°.30 2°.5/26.1 18

10 18	4 35.86	+26 22.4	1.349	2.159	19.6	21.2
10 28	4 31.73	+26 39.7	1.288	2.172	15.5	21.0
11 7	4 24.11	+26 46.0	1.245	2.186	10.8	20.8
11 17	4 13.88	+26 39.2	1.225	2.200	5.7	20.5
11 27	4 2.54	+26 19.6	1.231	2.215	2.5	20.4
12 7	3 51.84	+25 50.8	1.263	2.229	6.5	20.6
12 17	3 43.28	+25 18.5	1.320	2.245	11.2	21.0
12 27	3 37.88	+24 49.3	1.400	2.260	15.4	21.3

96311 1996 XW_{27} 11 25.3 44°.64 1°.7/24.7 18

10 18	4 33.23	+18 21.3	1.407	2.228	18.3	19.3
10 28	4 29.20	+18 0.8	1.350	2.244	14.3	19.1
11 7	4 22.13	+17 36.0	1.312	2.261	9.6	18.9
11 17	4 12.88	+17 8.9	1.298	2.278	4.5	18.6
11 27	4 2.76	+16 42.7	1.311	2.295	2.1	18.5
12 7	3 53.27	+16 21.3	1.350	2.313	6.7	18.9
12 17	3 45.66	+16 8.2	1.415	2.332	11.3	19.2
12 27	3 40.79	+16 5.9	1.502	2.350	15.2	19.5

229342 2005 QM_{32} 11 25.3 83°.79 0°.9/24.9 18

10 18	4 38.57	+19 50.9	1.555	2.357	17.7	21.5
10 28	4 32.97	+19 36.8	1.499	2.383	13.8	21.4
11 7	4 24.44	+19 17.3	1.464	2.409	9.2	21.2
11 17	4 13.87	+18 53.7	1.455	2.434	4.2	20.9
11 27	4 2.57	+18 28.2	1.473	2.459	1.4	20.8
12 7	3 52.00	+18 4.6	1.519	2.483	6.1	21.2
12 17	3 43.32	+17 46.4	1.593	2.507	10.5	21.5
12 27	3 37.37	+17 36.9	1.690	2.530	14.2	21.8

394147 2006 KZ_{92} 11 25.3 163°.33 0°.9/24.8 18

10 18	4 33.98	+19 47.8	2.249	3.036	13.4	22.9
10 28	4 28.77	+19 25.2	2.165	3.041	10.5	22.8
11 7	4 21.40	+18 57.7	2.105	3.046	7.0	22.6
11 17	4 12.47	+18 26.5	2.072	3.050	3.3	22.3
11 27	4 2.84	+17 53.7	2.069	3.054	1.2	22.2
12 7	3 53.52	+17 22.3	2.096	3.057	4.9	22.4
12 17	3 45.39	+16 55.5	2.153	3.060	8.5	22.7
12 27	3 39.19	+16 36.0	2.235	3.062	11.7	22.9

82790 2001 QJ_{23} 11 25.3 187°.50 4°.0/27.1 18

10 18	4 35.85	+32 26.3	2.223	2.982	14.4	19.5
10 28	4 30.71	+32 54.5	2.133	2.982	11.8	19.3
11 7	4 23.00	+33 12.1	2.064	2.981	8.7	19.1
11 17	4 13.31	+33 16.0	2.022	2.980	5.7	19.0
11 27	4 2.66	+33 5.0	2.007	2.979	4.0	18.8
12 7	3 52.23	+32 40.5	2.022	2.978	5.6	18.9
12 17	3 43.16	+32 6.2	2.065	2.976	8.6	19.1
12 27	3 36.33	+31 27.6	2.135	2.974	11.7	19.3

230227 2001 TH_{192} 11 25.3 352°.86 4°.0/26.4 18

10 18	4 34.28	+27 47.2	1.355	2.164	19.5	20.1
10 28	4 30.95	+28 31.9	1.278	2.161	15.8	19.9
11 7	4 23.96	+29 7.0	1.220	2.158	11.3	19.6
11 17	4 14.01	+29 28.3	1.184	2.156	6.6	19.3
11 27	4 2.51	+29 33.3	1.174	2.154	4.0	19.2
12 7	3 51.31	+29 23.1	1.189	2.153	7.2	19.4
12 17	3 42.13	+29 2.7	1.228	2.153	11.9	19.6
12 27	3 36.25	+28 39.3	1.290	2.154	16.2	19.9

271028 2003 AC_{88} 11 25.3 308°.53 5°.4/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 31.38	+10 52.8	1.403	2.229	18.1	20.4
10 28	4 28.16	+10 10.8	1.319	2.213	14.5	20.1
11 7	4 21.81	+ 9 29.5	1.254	2.199	10.4	19.9
11 17	4 12.94	+ 8 54.0	1.213	2.184	6.5	19.6
11 27	4 2.73	+ 8 29.9	1.197	2.170	5.8	19.5
12 7	3 52.69	+ 8 21.8	1.206	2.156	9.3	19.7
12 17	3 44.26	+ 8 32.3	1.240	2.143	13.8	19.9
12 27	3 38.58	+ 9 1.5	1.294	2.130	18.0	20.1

156946 2003 GF_{5} 11 25.3 205°.17 2°.9/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 33.44	+15 57.7	1.902	2.703	15.0	20.8
10 28	4 28.78	+15 10.8	1.816	2.700	11.8	20.6
11 7	4 21.64	+14 20.0	1.753	2.696	8.0	20.3
11 17	4 12.66	+13 28.0	1.716	2.692	4.3	20.1
11 27	4 2.82	+12 39.1	1.708	2.687	3.2	20.0
12 7	3 53.25	+11 57.8	1.729	2.682	6.6	20.2
12 17	3 45.03	+11 27.7	1.777	2.677	10.5	20.5
12 27	3 38.97	+11 11.2	1.850	2.671	14.0	20.7

75311 1999 XC_{39} 11 25.3 175°.53 2°.1/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 35.43	+14 2.9	2.303	3.088	13.2	19.7
10 28	4 29.86	+14 1.9	2.217	3.091	10.4	19.5
11 7	4 22.15	+14 1.3	2.154	3.093	7.1	19.3
11 17	4 12.84	+14 2.3	2.119	3.094	3.6	19.1
11 27	4 2.78	+14 6.2	2.114	3.095	2.3	19.0
12 7	3 52.93	+14 14.3	2.139	3.095	5.3	19.2
12 17	3 44.21	+14 27.8	2.194	3.095	8.7	19.5
12 27	3 37.35	+14 47.7	2.276	3.094	11.8	19.7

160159 2001 SU_{79} 11 25.3 354°.75 8°.9/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 30.83	+ 4 14.1	1.439	2.259	18.1	19.8
10 28	4 27.30	+ 2 44.9	1.373	2.257	14.8	19.6
11 7	4 20.91	+ 1 21.4	1.328	2.256	11.5	19.4
11 17	4 12.38	+ 0 12.1	1.306	2.255	9.2	19.3
11 27	4 2.88	− 0 34.6	1.309	2.255	9.4	19.3
12 7	3 53.79	− 0 54.0	1.336	2.255	11.8	19.4
12 17	3 46.31	− 0 44.7	1.387	2.255	15.0	19.6
12 27	3 41.37	− 0 9.2	1.457	2.256	18.2	19.8

481033 2005 AM_{29} 11 25.3 359°.94 3°.6/24.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 24.06	+13 36.7	0.968	1.832	21.5	19.5
10 28	4 23.43	+13 37.3	0.908	1.826	17.0	19.2
11 7	4 19.09	+13 40.8	0.865	1.822	11.7	18.9
11 17	4 11.77	+13 50.3	0.841	1.821	6.1	18.6
11 27	4 3.00	+14 8.8	0.839	1.822	3.9	18.5
12 7	3 54.65	+14 38.3	0.859	1.826	8.7	18.8
12 17	3 48.44	+15 19.1	0.901	1.832	14.2	19.1
12 27	3 45.59	+16 10.7	0.962	1.841	19.1	19.4

165601 2001 FK_{51} 11 25.3 269°.74 0°.7/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 32.95	+24 7.9	1.864	2.660	15.5	20.4
10 28	4 28.76	+23 57.5	1.769	2.648	12.3	20.2
11 7	4 21.86	+23 38.5	1.696	2.637	8.4	19.9
11 17	4 12.85	+23 10.7	1.647	2.625	4.1	19.6
11 27	4 2.77	+22 35.5	1.627	2.613	1.0	19.4
12 7	3 52.88	+21 56.2	1.636	2.601	5.4	19.7
12 17	3 44.38	+21 17.4	1.672	2.589	9.8	19.9
12 27	3 38.22	+20 44.1	1.732	2.578	13.7	20.1

255250 2005 UP_{510} 11 25.3 105°.28 0°.3/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 32.34	+22 18.4	2.179	2.968	13.7	21.3
10 28	4 27.65	+22 16.8	2.099	2.975	10.8	21.2
11 7	4 20.74	+22 9.7	2.042	2.982	7.3	21.0
11 17	4 12.20	+21 57.2	2.011	2.989	3.4	20.7
11 27	4 2.94	+21 40.3	2.009	2.996	0.7	20.5
12 7	3 53.97	+21 21.4	2.037	3.002	4.6	20.8
12 17	3 46.22	+21 3.3	2.094	3.009	8.3	21.1
12 27	3 40.45	+20 49.1	2.177	3.015	11.5	21.3

404534 2013 HA_{142} 11 25.3 122°.01 1°.1/24.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 31.49	+18 58.3	2.129	2.925	13.8	22.3
10 28	4 26.99	+18 39.4	2.048	2.929	10.8	22.1
11 7	4 20.30	+18 16.4	1.989	2.933	7.2	21.9
11 17	4 12.01	+17 50.5	1.958	2.936	3.4	21.6
11 27	4 2.99	+17 24.1	1.955	2.940	1.4	21.5
12 7	3 54.26	+16 59.8	1.982	2.944	5.1	21.8
12 17	3 46.74	+16 40.5	2.037	2.947	8.8	22.0
12 27	3 41.16	+16 28.8	2.118	2.950	12.0	22.2

269261 2008 RU_{27} 11 25.3 86°.61 7°.0/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 36.20	+ 5 12.6	1.708	2.506	16.6	20.7
10 28	4 30.60	+ 4 2.5	1.663	2.535	13.3	20.6
11 7	4 22.59	+ 2 59.2	1.639	2.564	9.9	20.5
11 17	4 12.96	+ 2 8.6	1.641	2.593	7.4	20.4
11 27	4 2.83	+ 1 35.8	1.670	2.620	7.3	20.4
12 7	3 53.35	+ 1 23.5	1.726	2.647	9.4	20.6
12 17	3 45.49	+ 1 31.9	1.808	2.674	12.2	20.9
12 27	3 39.92	+ 1 59.0	1.913	2.700	14.9	21.1

12193 1979 EL 11 25.3 4°.65 5°.9/24.4 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 33.64	+ 5 57.3	1.397	2.215	18.6	15.6
10 28	4 29.71	+ 6 2.4	1.328	2.215	15.0	15.4
11 7	4 22.69	+ 6 18.1	1.277	2.216	10.9	15.1
11 17	4 13.28	+ 6 47.9	1.250	2.217	7.1	14.9
11 27	4 2.72	+ 7 33.7	1.248	2.219	6.1	14.9
12 7	3 52.51	+ 8 35.3	1.273	2.223	8.9	15.1
12 17	3 44.01	+ 9 50.4	1.323	2.227	13.0	15.3
12 27	3 38.27	+11 15.8	1.395	2.232	16.8	15.6

484790 2009 CC_{53} 11 25.3 268°.82 7°.3/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 30.99	+ 3 35.5	1.898	2.698	15.1	21.5
10 28	4 26.88	+ 2 33.6	1.814	2.686	12.4	21.3
11 7	4 20.40	+ 1 37.0	1.751	2.673	9.6	21.1
11 17	4 12.13	+ 0 51.5	1.714	2.661	7.6	20.9
11 27	4 2.96	+ 0 22.7	1.703	2.649	7.6	20.9
12 7	3 53.97	+ 0 14.4	1.720	2.636	9.7	21.0
12 17	3 46.17	+ 0 27.6	1.761	2.624	12.6	21.2
12 27	3 40.41	+ 1 1.3	1.825	2.611	15.6	21.3

407517 2010 VV_{135} 11 25.3 29°.09 1°.3/25.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 34.01	+22 41.0	1.864	2.659	15.5	21.4
10 28	4 29.46	+23 12.6	1.785	2.664	12.2	21.2
11 7	4 22.25	+23 39.8	1.728	2.669	8.4	21.0
11 17	4 13.01	+24 1.0	1.697	2.674	4.1	20.8
11 27	4 2.78	+24 15.7	1.694	2.679	1.4	20.6
12 7	3 52.82	+24 24.6	1.720	2.685	5.2	20.9
12 17	3 44.29	+24 29.9	1.773	2.691	9.3	21.1
12 27	3 38.12	+24 35.1	1.852	2.698	12.9	21.3

292881 2006 VX_{23} 11 25.3 30°.63 1°.0/24.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 31.38	+19 21.0	1.714	2.524	16.0	21.3
10 28	4 27.43	+19 6.2	1.641	2.530	12.5	21.0
11 7	4 20.85	+18 46.9	1.590	2.536	8.4	20.8
11 17	4 12.32	+18 24.1	1.563	2.542	3.9	20.6
11 27	4 2.94	+18 0.2	1.564	2.549	1.5	20.4
12 7	3 53.93	+17 38.6	1.593	2.556	5.8	20.7
12 17	3 46.41	+17 22.6	1.648	2.564	10.0	21.0
12 27	3 41.24	+17 14.9	1.728	2.572	13.7	21.2

209266 2003 XH_{4} 11 25.3 25°.81 4°.1/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 31.18	+12 44.1	1.496	2.319	17.4	19.8
10 28	4 27.50	+12 12.3	1.431	2.324	13.7	19.6
11 7	4 21.00	+11 41.2	1.385	2.331	9.5	19.4
11 17	4 12.42	+11 14.3	1.364	2.338	5.4	19.2
11 27	4 2.92	+10 55.8	1.369	2.346	4.4	19.1
12 7	3 53.86	+10 48.9	1.400	2.354	7.7	19.3
12 17	3 46.43	+10 55.6	1.457	2.363	11.9	19.6
12 27	3 41.53	+11 16.2	1.536	2.372	15.6	19.9

58753 1998 FO_{12} 11 25.3 275°.22 1°.5/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 30.83	+17 59.5	2.065	2.865	14.0	20.5
10 28	4 26.67	+17 38.3	1.974	2.858	11.0	20.2
11 7	4 20.21	+17 13.4	1.906	2.850	7.4	20.0
11 17	4 12.02	+16 46.2	1.865	2.843	3.6	19.8
11 27	4 2.99	+16 19.2	1.852	2.836	1.8	19.6
12 7	3 54.15	+15 55.3	1.868	2.828	5.5	19.9
12 17	3 46.49	+15 37.5	1.912	2.821	9.3	20.1
12 27	3 40.81	+15 28.3	1.981	2.814	12.7	20.3

436402 2010 WM_{62} 11 25.3 334°.46 1°.2/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 33.05	+18 32.5	1.237	2.067	19.8	21.2
10 28	4 29.98	+18 31.6	1.160	2.060	15.7	20.9
11 7	4 23.30	+18 27.0	1.103	2.053	10.7	20.6
11 17	4 13.72	+18 19.3	1.067	2.047	5.0	20.3
11 27	4 2.62	+18 10.7	1.056	2.041	1.8	20.1
12 7	3 51.83	+18 4.3	1.070	2.037	7.4	20.4
12 17	3 43.00	+18 3.8	1.108	2.032	13.0	20.7
12 27	3 37.41	+18 12.6	1.168	2.029	17.8	21.0

459701 2013 PC_{13} 11 25.3 97°.53 2°.4/24.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 30.52	+13 13.9	2.403	3.197	12.5	21.3
10 28	4 25.98	+13 7.1	2.320	3.198	9.8	21.1
11 7	4 19.51	+13 1.2	2.260	3.200	6.7	20.9
11 17	4 11.63	+12 57.4	2.227	3.202	3.6	20.7
11 27	4 3.10	+12 57.6	2.224	3.203	2.6	20.6
12 7	3 54.77	+13 3.1	2.251	3.205	5.2	20.8
12 17	3 47.44	+13 15.2	2.306	3.206	8.4	21.0
12 27	3 41.78	+13 34.5	2.387	3.208	11.2	21.2

124433 2001 QM_{247} 11 25.3 29°.24 7°.2/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 30.50	+ 8 56.1	1.266	2.100	19.3	19.0
10 28	4 27.29	+ 7 40.0	1.211	2.108	15.4	18.8
11 7	4 20.99	+ 6 27.0	1.175	2.117	11.2	18.6
11 17	4 12.43	+ 5 24.7	1.162	2.127	7.8	18.4
11 27	4 2.96	+ 4 40.6	1.173	2.137	7.6	18.4
12 7	3 54.07	+ 4 19.8	1.209	2.149	10.5	18.6
12 17	3 47.04	+ 4 23.8	1.268	2.161	14.4	18.9
12 27	3 42.78	+ 4 50.7	1.347	2.173	17.9	19.2

517806 2015 PK_{316} 11 25.3 152°.65 5°.6/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 39.44	+35 52.6	2.133	2.877	15.4	21.7
10 28	4 33.80	+36 44.0	2.049	2.882	12.8	21.5
11 7	4 25.25	+37 23.2	1.986	2.887	9.9	21.3
11 17	4 14.44	+37 45.6	1.948	2.892	7.1	21.2
11 27	4 2.51	+37 48.3	1.938	2.896	5.7	21.1
12 7	3 50.85	+37 32.0	1.956	2.900	6.8	21.2
12 17	3 40.74	+37 0.7	2.003	2.904	9.4	21.3
12 27	3 33.18	+36 20.8	2.075	2.907	12.2	21.5

143960 2003 YX_{126} 11 25.3 296°.53 7°.4/27.8 18

10 18	4 36.40	+36 10.6	1.439	2.220	19.9	19.9
10 28	4 33.12	+36 59.1	1.345	2.201	16.8	19.7
11 7	4 25.82	+37 31.6	1.268	2.183	13.2	19.4
11 17	4 15.08	+37 40.8	1.213	2.164	9.5	19.1
11 27	4 2.34	+37 21.4	1.181	2.146	7.4	19.0
12 7	3 49.66	+36 34.1	1.175	2.128	9.1	19.0
12 17	3 39.08	+35 25.5	1.193	2.110	12.9	19.2
12 27	3 32.14	+34 7.4	1.234	2.093	17.1	19.4

520810 2014 TQ_{90} 11 25.3 96°.38 2°.0/26.5 18

10 18	4 32.29	+28 57.6	2.460	3.229	12.9	21.3
10 28	4 27.36	+28 51.0	2.384	3.244	10.3	21.1
11 7	4 20.40	+28 34.8	2.331	3.259	7.2	20.9
11 17	4 12.01	+28 8.7	2.304	3.274	4.0	20.8
11 27	4 3.05	+27 33.6	2.307	3.289	2.0	20.6
12 7	3 54.45	+26 52.2	2.340	3.304	4.3	20.8
12 17	3 47.05	+26 8.2	2.403	3.318	7.4	21.0
12 27	3 41.49	+25 25.8	2.492	3.332	10.2	21.3

329456 2002 PB_{188} 11 25.3 166°.93 4°.7/22.9 18

10 18	4 29.56	+ 5 36.3	2.591	3.378	11.9	21.4
10 28	4 25.01	+ 5 3.4	2.512	3.380	9.5	21.3
11 7	4 18.74	+ 4 34.8	2.457	3.382	7.1	21.1
11 17	4 11.25	+ 4 13.5	2.429	3.384	5.1	21.0
11 27	4 3.20	+ 4 2.5	2.430	3.385	4.9	21.0
12 7	3 55.37	+ 4 3.4	2.460	3.386	6.7	21.1
12 17	3 48.44	+ 4 16.9	2.518	3.387	9.1	21.3
12 27	3 43.01	+ 4 42.7	2.601	3.388	11.4	21.4

37659 1994 PM_{20} 11 25.3 30°.17 1°.0/24.9 18

10 18	4 30.50	+19 38.1	1.854	2.661	15.1	19.1
10 28	4 26.55	+19 20.3	1.780	2.666	11.8	18.9
11 7	4 20.17	+18 57.8	1.727	2.673	7.9	18.7
11 17	4 12.00	+18 31.7	1.700	2.679	3.7	18.4
11 27	4 3.05	+18 4.5	1.701	2.686	1.4	18.3
12 7	3 54.45	+17 39.3	1.730	2.693	5.5	18.6
12 17	3 47.22	+17 19.5	1.786	2.701	9.5	18.8
12 27	3 42.15	+17 7.8	1.867	2.709	13.0	19.1

169897 2002 RE_{186} 11 25.3 311°.43 0°.6/25.6 18

10 18	4 31.31	+25 36.3	1.746	2.546	16.2	19.3
10 28	4 27.59	+25 1.1	1.656	2.538	12.8	19.1
11 7	4 21.10	+24 13.5	1.587	2.529	8.8	18.8
11 17	4 12.52	+23 14.2	1.543	2.521	4.2	18.5
11 27	4 2.93	+22 6.2	1.527	2.513	0.9	18.3
12 7	3 53.65	+20 54.9	1.539	2.505	5.6	18.6
12 17	3 45.88	+19 47.0	1.578	2.498	10.1	18.8
12 27	3 40.54	+18 48.4	1.642	2.491	14.1	19.1

325866 2010 TB_{123} 11 25.3 235°.62 2°.0/26.1 17

10 18	4 36.93	+26 49.6	1.506	2.305	18.4	21.4
10 28	4 32.59	+26 47.6	1.420	2.299	14.7	21.2
11 7	4 24.84	+26 33.6	1.353	2.292	10.3	20.9
11 17	4 14.38	+26 5.9	1.310	2.286	5.4	20.6
11 27	4 2.56	+25 25.0	1.294	2.279	2.1	20.4
12 7	3 51.05	+24 35.1	1.305	2.272	6.4	20.6
12 17	3 41.42	+23 42.8	1.343	2.264	11.4	20.9
12 27	3 34.83	+22 55.4	1.403	2.257	15.8	21.2

362215 2009 HH_{66} 11 25.3 271°.92 7°.5/21.3 18

10 18	4 30.29	+ 3 12.6	2.007	2.804	14.5	21.1
10 28	4 26.26	+ 1 58.2	1.917	2.787	12.0	20.9
11 7	4 19.98	+ 0 48.0	1.850	2.769	9.4	20.7
11 17	4 11.97	− 0 12.0	1.808	2.751	7.7	20.5
11 27	4 3.07	− 0 55.7	1.793	2.732	7.8	20.5
12 7	3 54.29	− 1 18.7	1.805	2.714	9.9	20.6
12 17	3 46.60	− 1 19.3	1.842	2.695	12.6	20.7
12 27	3 40.83	− 0 57.9	1.902	2.676	15.4	20.9

422422 2014 SJ_{286} 11 25.3 231°.98 3°.1/26.7 17

10 18	4 33.66	+29 42.6	2.441	3.205	13.1	20.9
10 28	4 28.78	+30 16.2	2.348	3.202	10.6	20.8
11 7	4 21.62	+30 42.1	2.277	3.200	7.7	20.6
11 17	4 12.72	+30 58.0	2.233	3.197	4.7	20.4
11 27	4 2.92	+31 2.7	2.218	3.194	3.1	20.3
12 7	3 53.27	+30 56.8	2.233	3.191	4.9	20.4
12 17	3 44.73	+30 43.0	2.277	3.188	7.9	20.6
12 27	3 38.13	+30 25.2	2.347	3.185	10.8	20.7

378143 2006 VT_{78} 11 25.3 16°.28 3°.3/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 25.74	+19 19.2	0.889	1.754	22.8	20.2
10 28	4 24.79	+18 14.3	0.842	1.762	17.8	19.9
11 7	4 19.89	+16 59.2	0.812	1.771	12.0	19.6
11 17	4 12.07	+15 40.4	0.802	1.783	5.9	19.3
11 27	4 3.09	+14 27.1	0.814	1.797	3.8	19.3
12 7	3 54.96	+13 28.6	0.848	1.813	9.1	19.6
12 17	3 49.24	+12 51.2	0.903	1.831	14.7	20.0
12 27	3 46.94	+12 37.2	0.977	1.850	19.4	20.4

515615 2014 KZ_{52} 11 25.3 207°.27 2°.0/24.3 18

10 18	4 33.11	+16 9.3	2.292	3.082	13.1	22.2
10 28	4 28.16	+15 44.4	2.200	3.077	10.3	22.0
11 7	4 21.09	+15 17.1	2.131	3.071	7.0	21.8
11 17	4 12.43	+14 49.0	2.089	3.065	3.5	21.6
11 27	4 3.00	+14 22.5	2.076	3.058	2.3	21.5
12 7	3 53.76	+14 0.5	2.094	3.051	5.4	21.7
12 17	3 45.61	+13 45.3	2.141	3.043	8.9	21.9
12 27	3 39.28	+13 39.0	2.214	3.034	12.0	22.1

112979 2002 RK_{24} 11 25.3 89°.88 1°.9/26.2 18

10 18	4 34.80	+26 52.3	1.868	2.654	15.8	20.1
10 28	4 30.02	+26 55.4	1.793	2.665	12.5	19.9
11 7	4 22.57	+26 48.8	1.740	2.675	8.7	19.7
11 17	4 13.15	+26 31.5	1.712	2.686	4.6	19.5
11 27	4 2.88	+26 4.2	1.712	2.696	2.0	19.4
12 7	3 53.04	+25 29.9	1.741	2.706	5.2	19.6
12 17	3 44.75	+24 53.1	1.798	2.717	9.2	19.9
12 27	3 38.86	+24 18.9	1.880	2.727	12.7	20.1

242537 2005 BQ_{23} 11 25.3 155°.47 5°.0/23.5 18

10 18	4 34.51	+ 6 37.1	2.080	2.870	14.3	20.7
10 28	4 29.27	+ 6 12.8	2.005	2.875	11.4	20.5
11 7	4 21.82	+ 5 53.7	1.951	2.880	8.3	20.3
11 17	4 12.76	+ 5 42.8	1.925	2.885	5.7	20.2
11 27	4 2.98	+ 5 43.3	1.927	2.889	5.2	20.2
12 7	3 53.48	+ 5 56.7	1.957	2.893	7.4	20.3
12 17	3 45.21	+ 6 23.4	2.016	2.896	10.4	20.5
12 27	3 38.89	+ 7 2.6	2.099	2.899	13.3	20.7

294026 2007 TD_{124} 11 25.3 335°.68 7°.5/21.4 18

10 18	4 24.99	+10 38.1	1.316	2.158	18.2	19.6
10 28	4 23.28	+ 8 52.6	1.236	2.139	14.7	19.3
11 7	4 18.58	+ 7 2.1	1.176	2.121	10.8	19.1
11 17	4 11.51	+ 5 15.5	1.139	2.104	7.9	18.9
11 27	4 3.22	+ 3 43.7	1.126	2.088	8.2	18.8
12 7	3 55.16	+ 2 36.0	1.138	2.074	11.5	19.0
12 17	3 48.68	+ 1 58.0	1.172	2.061	15.6	19.2
12 27	3 44.84	+ 1 50.9	1.225	2.049	19.5	19.4

291063 2005 YV_{86} 11 25.3 74°.80 1°.8/26.2 18

10 18	4 32.59	+27 17.5	2.132	2.913	14.3	20.4
10 28	4 27.93	+27 13.6	2.058	2.926	11.3	20.2
11 7	4 20.97	+27 0.4	2.006	2.940	7.8	20.0
11 17	4 12.37	+26 37.4	1.980	2.953	4.1	19.8
11 27	4 3.08	+26 5.6	1.982	2.966	1.8	19.7
12 7	3 54.18	+25 28.0	2.014	2.979	4.6	19.9
12 17	3 46.62	+24 48.6	2.075	2.992	8.2	20.1
12 27	3 41.14	+24 11.9	2.162	3.005	11.4	20.4

184223 2004 RD_{69} 11 25.3 68°.97 0°.0/25.3 18

10 18	4 34.15	+21 28.0	2.039	2.830	14.5	20.3
10 28	4 28.97	+21 22.4	1.979	2.857	11.3	20.2
11 7	4 21.55	+21 11.5	1.942	2.884	7.5	20.0
11 17	4 12.58	+20 55.9	1.932	2.910	3.5	19.8
11 27	4 3.05	+20 37.0	1.951	2.937	0.7	19.6
12 7	3 54.01	+20 17.4	1.999	2.963	4.7	20.0
12 17	3 46.38	+20 0.1	2.076	2.990	8.4	20.2
12 27	3 40.83	+19 47.7	2.179	3.016	11.5	20.5

476592 2008 SS_{21} 11 25.3 82°.64 1°.3/24.8 18

10 18	4 36.74	+19 7.8	1.613	2.417	17.1	21.9
10 28	4 31.54	+18 47.7	1.554	2.439	13.3	21.7
11 7	4 23.54	+18 23.0	1.516	2.460	8.9	21.5
11 17	4 13.57	+17 54.9	1.503	2.482	4.1	21.2
11 27	4 2.86	+17 26.4	1.518	2.503	1.7	21.1
12 7	3 52.77	+17 1.0	1.561	2.524	6.1	21.5
12 17	3 44.45	+16 42.3	1.632	2.544	10.4	21.8
12 27	3 38.71	+16 33.0	1.726	2.565	14.0	22.0

267059 1998 WK_{25} 11 25.3 322°.51 1°.8/25.9 17

10 18	4 32.06	+24 56.1	2.044	2.834	14.5	20.4
10 28	4 27.93	+25 23.3	1.950	2.824	11.6	20.2
11 7	4 21.29	+25 44.8	1.878	2.815	8.1	20.0
11 17	4 12.67	+25 59.1	1.832	2.806	4.2	19.7
11 27	4 3.01	+26 5.4	1.813	2.797	1.9	19.6
12 7	3 53.45	+26 4.6	1.824	2.789	5.1	19.8
12 17	3 45.12	+25 59.3	1.863	2.781	8.9	20.0
12 27	3 38.94	+25 53.1	1.927	2.773	12.4	20.2

21022 Ike 11 25.3 191°.94 8°.5/21.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 35.13	− 6 50.2	2.465	3.213	13.4	18.5
10 28	4 29.41	− 7 34.5	2.389	3.211	11.6	18.3
11 7	4 21.77	− 8 6.8	2.335	3.209	9.8	18.2
11 17	4 12.71	− 8 22.1	2.306	3.205	8.7	18.1
11 27	4 3.03	− 8 16.8	2.305	3.201	8.7	18.1
12 7	3 53.57	− 7 49.4	2.332	3.197	9.9	18.2
12 17	3 45.14	− 7 0.9	2.384	3.191	11.7	18.3
12 27	3 38.41	− 5 54.1	2.460	3.185	13.6	18.5

225345 1998 SD_{107} 11 25.3 55°.36 0°.4/25.2 18

10 18	4 37.55	+21 50.8	1.245	2.065	20.4	20.4
10 28	4 32.81	+21 30.9	1.199	2.092	15.8	20.2
11 7	4 24.64	+21 2.7	1.172	2.120	10.6	19.9
11 17	4 14.10	+20 27.3	1.168	2.148	4.8	19.7
11 27	4 2.79	+19 48.5	1.190	2.176	1.1	19.5
12 7	3 52.41	+19 11.2	1.238	2.204	6.7	20.0
12 17	3 44.32	+18 40.8	1.311	2.233	11.6	20.3
12 27	3 39.36	+18 21.3	1.407	2.261	15.7	20.7

459484 2013 CS_{75} 11 25.3 186°.65 4°.6/23.0 18

10 18	4 31.42	+ 7 44.9	2.373	3.163	12.7	21.7
10 28	4 26.66	+ 7 4.8	2.291	3.162	10.2	21.6
11 7	4 19.99	+ 6 27.4	2.232	3.162	7.4	21.4
11 17	4 11.92	+ 5 56.2	2.200	3.161	5.1	21.2
11 27	4 3.20	+ 5 34.5	2.198	3.159	4.8	21.2
12 7	3 54.71	+ 5 24.7	2.224	3.157	6.9	21.3
12 17	3 47.23	+ 5 28.1	2.279	3.155	9.6	21.5
12 27	3 41.42	+ 5 44.7	2.359	3.152	12.2	21.7

133608 2003 UL_{100} 11 25.3 169°.24 0°.4/25.4 17

10 18	4 36.91	+19 36.3	2.518	3.292	12.5	19.5
10 28	4 31.06	+20 20.6	2.426	3.293	9.8	19.4
11 7	4 23.06	+21 4.2	2.358	3.294	6.7	19.2
11 17	4 13.40	+21 45.7	2.318	3.295	3.2	18.9
11 27	4 2.89	+22 23.8	2.309	3.295	0.7	18.7
12 7	3 52.48	+22 58.2	2.333	3.296	4.3	19.0
12 17	3 43.09	+23 29.5	2.387	3.296	7.7	19.2
12 27	3 35.49	+23 59.2	2.469	3.297	10.7	19.4

400420 2008 CM_{98} 11 25.3 213°.06 2°.1/24.4 18

10 18	4 31.64	+16 13.7	2.063	2.863	14.0	21.6
10 28	4 27.24	+15 49.8	1.978	2.861	11.0	21.4
11 7	4 20.59	+15 23.4	1.916	2.859	7.5	21.1
11 17	4 12.26	+14 56.5	1.881	2.858	3.8	20.9
11 27	4 3.14	+14 31.7	1.874	2.856	2.4	20.8
12 7	3 54.26	+14 11.9	1.896	2.854	5.7	21.0
12 17	3 46.58	+13 59.7	1.946	2.852	9.4	21.2
12 27	3 40.87	+13 57.0	2.021	2.850	12.7	21.5

278130 2007 CH_{45} 11 25.3 309°.16 1°.9/25.9 18

10 18	4 33.25	+24 30.4	1.375	2.191	19.0	20.7
10 28	4 30.25	+24 50.4	1.283	2.172	15.2	20.4
11 7	4 23.68	+25 2.7	1.209	2.153	10.7	20.1
11 17	4 14.08	+25 5.0	1.157	2.134	5.5	19.7
11 27	4 2.73	+24 56.4	1.131	2.116	2.0	19.4
12 7	3 51.40	+24 38.9	1.131	2.098	6.9	19.7
12 17	3 41.83	+24 17.3	1.155	2.081	12.3	19.9
12 27	3 35.46	+23 57.9	1.201	2.065	17.2	20.2

421944 2014 QE_{253} 11 25.3 340°.67 1°.4/25.8 17

10 18	4 33.05	+23 27.3	2.050	2.840	14.5	20.6
10 28	4 28.62	+23 55.9	1.962	2.837	11.4	20.4
11 7	4 21.70	+24 19.9	1.896	2.834	7.9	20.2
11 17	4 12.85	+24 38.0	1.856	2.831	4.0	20.0
11 27	4 3.03	+24 49.4	1.844	2.829	1.5	19.8
12 7	3 53.36	+24 54.9	1.862	2.827	4.9	20.0
12 17	3 44.94	+24 56.9	1.907	2.825	8.8	20.3
12 27	3 38.67	+24 58.4	1.978	2.823	12.2	20.5

15373 1996 WV_{1} 11 25.3 0°.74 1°.6/24.3 18

10 18	4 25.67	+17 32.6	2.558	3.357	11.7	18.3
10 28	4 22.17	+16 56.6	2.473	3.356	9.1	18.1
11 7	4 16.95	+16 17.2	2.412	3.356	6.1	17.9
11 17	4 10.51	+15 36.4	2.378	3.356	3.0	17.7
11 27	4 3.52	+14 56.9	2.374	3.356	1.9	17.6
12 7	3 56.73	+14 21.5	2.399	3.357	4.7	17.8
12 17	3 50.85	+13 52.9	2.453	3.358	7.7	18.0
12 27	3 46.46	+13 33.0	2.533	3.360	10.5	18.2

118575 2000 GL_{23} 11 25.3 276°.40 3°.2/26.3 18

10 18	4 36.69	+27 17.6	1.588	2.383	17.8	20.0
10 28	4 32.43	+27 50.9	1.500	2.375	14.3	19.8
11 7	4 24.82	+28 15.7	1.431	2.367	10.2	19.5
11 17	4 14.48	+28 28.4	1.387	2.358	5.8	19.2
11 27	4 2.68	+28 27.3	1.369	2.350	3.2	19.1
12 7	3 51.04	+28 13.6	1.378	2.342	6.5	19.2
12 17	3 41.13	+27 51.5	1.414	2.334	11.0	19.5
12 27	3 34.17	+27 27.5	1.473	2.326	15.2	19.7

274300 UNESCO 11 25.3 111°.43 1°.9/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 37.29	+26 56.7	1.773	2.558	16.5	21.1
10 28	4 32.07	+26 54.2	1.701	2.572	13.1	20.9
11 7	4 24.00	+26 41.2	1.650	2.585	9.1	20.7
11 17	4 13.86	+26 16.6	1.624	2.598	4.7	20.4
11 27	4 2.86	+25 41.6	1.627	2.611	1.9	20.3
12 7	3 52.37	+24 59.6	1.658	2.623	5.4	20.5
12 17	3 43.59	+24 16.0	1.717	2.635	9.6	20.8
12 27	3 37.38	+23 36.2	1.801	2.647	13.2	21.1

340299 2006 CS_{40} 11 25.3 71°.68 1°.3/25.8 18

10 18	4 36.28	+24 0.2	1.624	2.423	17.3	19.9
10 28	4 31.49	+24 12.9	1.557	2.437	13.6	19.7
11 7	4 23.74	+24 18.1	1.510	2.451	9.3	19.5
11 17	4 13.78	+24 14.6	1.488	2.465	4.6	19.2
11 27	4 2.87	+24 2.9	1.493	2.479	1.4	19.0
12 7	3 52.47	+23 45.5	1.526	2.493	5.7	19.4
12 17	3 43.83	+23 26.6	1.587	2.507	10.1	19.6
12 27	3 37.87	+23 10.6	1.671	2.521	13.9	19.9

520295 2014 FV_{30} 11 25.3 91°.56 8°.0/22.8 18

10 18	4 34.01	+ 0 40.0	1.787	2.579	16.2	21.4
10 28	4 29.13	− 0 5.4	1.726	2.590	13.3	21.2
11 7	4 21.83	− 0 40.4	1.686	2.601	10.5	21.1
11 17	4 12.81	− 0 59.6	1.670	2.611	8.4	21.0
11 27	4 3.08	− 0 58.7	1.681	2.622	8.2	21.0
12 7	3 53.77	− 0 36.2	1.719	2.632	10.0	21.1
12 17	3 45.88	+ 0 6.9	1.782	2.642	12.6	21.3
12 27	3 40.17	+ 1 7.6	1.868	2.652	15.3	21.5

268172 2004 XN_{17} 11 25.3 1°.50 1°.1/24.9 18

10 18	4 28.68	+17 54.3	1.550	2.373	16.8	19.4
10 28	4 25.75	+17 58.3	1.475	2.371	13.2	19.2
11 7	4 20.02	+18 0.0	1.421	2.370	8.9	18.9
11 17	4 12.13	+18 0.3	1.391	2.371	4.2	18.7
11 27	4 3.20	+18 0.8	1.387	2.372	1.5	18.5
12 7	3 54.58	+18 3.6	1.409	2.375	6.1	18.8
12 17	3 47.47	+18 11.0	1.458	2.379	10.7	19.1
12 27	3 42.84	+18 25.0	1.529	2.384	14.6	19.3

487678 2015 PT_{226} 11 25.3 62°.20 3°.6/27.3 17

10 18	4 36.14	+32 58.3	1.725	2.501	17.3	20.7
10 28	4 31.23	+32 46.5	1.662	2.522	14.0	20.5
11 7	4 23.40	+32 18.4	1.619	2.544	10.1	20.3
11 17	4 13.54	+31 32.7	1.601	2.566	6.1	20.1
11 27	4 2.98	+30 30.9	1.609	2.587	3.7	20.0
12 7	3 53.11	+29 18.2	1.647	2.609	5.8	20.2
12 17	3 45.12	+28 1.9	1.712	2.631	9.5	20.5
12 27	3 39.80	+26 49.3	1.802	2.653	12.9	20.8

139687 2001 QY_{210} 11 25.3 22°.75 0°.5/25.6 18

10 18	4 30.70	+24 17.6	1.542	2.354	17.4	18.9
10 28	4 27.30	+23 57.6	1.473	2.361	13.7	18.7
11 7	4 20.98	+23 27.4	1.424	2.369	9.3	18.5
11 17	4 12.53	+22 47.6	1.399	2.378	4.4	18.2
11 27	4 3.16	+22 1.2	1.400	2.387	0.9	18.0
12 7	3 54.28	+21 12.9	1.429	2.397	5.8	18.3
12 17	3 47.09	+20 28.2	1.484	2.407	10.4	18.6
12 27	3 42.50	+19 52.1	1.563	2.418	14.3	18.9

325596 2009 SV_{160} 11 25.3 125°.84 1°.0/25.9 18

10 18	4 31.84	+24 54.2	2.366	3.147	13.0	21.5
10 28	4 27.19	+24 51.8	2.282	3.152	10.3	21.3
11 7	4 20.45	+24 42.5	2.221	3.157	7.0	21.1
11 17	4 12.19	+24 26.0	2.186	3.162	3.5	20.9
11 27	4 3.23	+24 3.3	2.181	3.167	1.1	20.8
12 7	3 54.54	+23 36.6	2.207	3.172	4.3	21.0
12 17	3 46.98	+23 9.0	2.261	3.176	7.7	21.2
12 27	3 41.27	+22 44.0	2.341	3.180	10.8	21.4

515566 2014 HY_{38} 11 25.3 256°.37 6°.0/21.9 18

10 18	4 31.23	+ 9 12.0	1.874	2.680	15.0	21.7
10 28	4 27.14	+ 7 47.9	1.788	2.669	12.1	21.5
11 7	4 20.66	+ 6 22.8	1.724	2.658	8.9	21.3
11 17	4 12.37	+ 5 2.6	1.686	2.647	6.4	21.1
11 27	4 3.19	+ 3 54.0	1.677	2.635	6.4	21.1
12 7	3 54.22	+ 3 2.5	1.695	2.623	9.0	21.2
12 17	3 46.50	+ 2 31.8	1.739	2.611	12.3	21.4
12 27	3 40.85	+ 2 22.7	1.805	2.599	15.4	21.6

336056 2008 DE_{67} 11 25.3 200°.10 2°.7/24.1 18

10 18	4 35.48	+16 31.6	1.843	2.642	15.5	22.2
10 28	4 30.54	+15 48.9	1.757	2.639	12.2	22.0
11 7	4 22.98	+15 1.8	1.693	2.635	8.3	21.7
11 17	4 13.44	+14 12.9	1.654	2.631	4.3	21.5
11 27	4 2.98	+13 26.3	1.645	2.626	3.0	21.4
12 7	3 52.79	+12 46.4	1.665	2.620	6.6	21.6
12 17	3 44.02	+12 17.1	1.712	2.614	10.7	21.8
12 27	3 37.54	+12 1.0	1.784	2.608	14.3	22.0

141628 2002 JR_{38} 11 25.3 143°.99 2°.0/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 39.18	+26 11.1	1.655	2.444	17.4	20.6
10 28	4 33.89	+26 22.2	1.578	2.451	13.9	20.4
11 7	4 25.46	+26 23.8	1.522	2.458	9.6	20.2
11 17	4 14.65	+26 13.9	1.491	2.465	5.0	19.9
11 27	4 2.74	+25 52.6	1.487	2.471	2.1	19.8
12 7	3 51.27	+25 22.9	1.512	2.477	5.8	20.0
12 17	3 41.62	+24 49.7	1.564	2.482	10.3	20.3
12 27	3 34.78	+24 18.9	1.641	2.487	14.2	20.6

273730 2007 EQ_{98} 11 25.3 174°.43 0°.2/25.4 18

10 18	4 36.34	+22 19.1	1.937	2.725	15.2	21.7
10 28	4 31.17	+22 14.4	1.852	2.728	12.0	21.4
11 7	4 23.38	+22 3.4	1.790	2.730	8.1	21.2
11 17	4 13.63	+21 46.0	1.753	2.731	3.8	21.0
11 27	4 2.95	+21 23.3	1.746	2.732	0.8	20.7
12 7	3 52.57	+20 58.1	1.768	2.732	5.2	21.1
12 17	3 43.61	+20 34.1	1.818	2.732	9.4	21.3
12 27	3 36.96	+20 15.1	1.893	2.731	13.0	21.5

286747 2002 GV_{152} 11 25.3 245°.01 2°.4/24.4 18

10 18	4 31.75	+13 30.9	2.262	3.056	13.1	20.7
10 28	4 27.16	+13 23.8	2.173	3.052	10.3	20.5
11 7	4 20.49	+13 17.4	2.108	3.048	7.1	20.3
11 17	4 12.25	+13 13.1	2.069	3.044	3.8	20.0
11 27	4 3.23	+13 12.7	2.059	3.039	2.6	20.0
12 7	3 54.38	+13 17.8	2.079	3.034	5.5	20.1
12 17	3 46.59	+13 29.7	2.128	3.030	8.9	20.3
12 27	3 40.58	+13 49.3	2.202	3.025	12.0	20.5

195787 2002 PN_{168} 11 25.3 184°.76 0°.0/25.3 17

10 18	4 30.52	+21 49.7	2.754	3.535	11.4	21.8
10 28	4 25.85	+21 38.8	2.663	3.535	8.9	21.7
11 7	4 19.41	+21 23.0	2.595	3.534	6.0	21.5
11 17	4 11.68	+21 3.0	2.556	3.533	2.8	21.3
11 27	4 3.35	+20 39.9	2.546	3.532	0.6	21.1
12 7	3 55.21	+20 15.9	2.568	3.531	3.9	21.3
12 17	3 47.98	+19 53.2	2.619	3.530	7.0	21.5
12 27	3 42.29	+19 34.5	2.697	3.528	9.8	21.7

213722 2002 VR_{52} 11 25.3 51°.88 2°.0/26.1 18

10 18	4 34.91	+25 48.7	1.655	2.453	17.1	19.9
10 28	4 30.43	+26 5.7	1.589	2.467	13.5	19.7
11 7	4 23.03	+26 13.9	1.544	2.482	9.3	19.5
11 17	4 13.48	+26 11.7	1.522	2.497	4.9	19.3
11 27	4 3.01	+25 59.4	1.528	2.513	2.1	19.2
12 7	3 53.03	+25 39.4	1.562	2.528	5.6	19.4
12 17	3 44.79	+25 16.1	1.623	2.544	9.8	19.7
12 27	3 39.17	+24 54.5	1.708	2.560	13.5	20.0

324340 2006 PB_{21} 11 25.3 66°.55 5°.5/23.6 15

10 18	4 36.77	+11 8.5	1.271	2.094	19.8	21.3
10 28	4 32.02	+10 15.3	1.224	2.116	15.6	21.1
11 7	4 24.07	+ 9 24.8	1.196	2.139	10.9	20.9
11 17	4 13.90	+ 8 42.2	1.191	2.162	6.7	20.8
11 27	4 2.95	+ 8 13.2	1.212	2.185	5.9	20.8
12 7	3 52.81	+ 8 1.5	1.259	2.208	9.2	21.0
12 17	3 44.75	+ 8 8.4	1.330	2.230	13.3	21.3
12 27	3 39.62	+ 8 33.0	1.423	2.253	16.9	21.6

81491 2000 GB_{156} 11 25.3 81°.59 1°.9/26.2 18

10 18	4 33.80	+27 2.1	1.903	2.690	15.5	19.8
10 28	4 29.29	+27 2.5	1.824	2.696	12.3	19.6
11 7	4 22.15	+26 53.0	1.766	2.701	8.6	19.4
11 17	4 13.06	+26 32.7	1.733	2.707	4.5	19.2
11 27	4 3.09	+26 2.5	1.729	2.713	1.9	19.0
12 7	3 53.49	+25 25.4	1.753	2.718	5.1	19.2
12 17	3 45.36	+24 45.9	1.805	2.724	9.1	19.5
12 27	3 39.58	+24 9.1	1.882	2.730	12.6	19.7

295056 2008 ED_{116} 11 25.3 0°.92 3°.2/26.7 18

10 18	4 33.62	+29 13.2	1.874	2.657	15.8	20.7
10 28	4 29.41	+29 36.9	1.790	2.657	12.8	20.5
11 7	4 22.40	+29 50.6	1.727	2.657	9.2	20.3
11 17	4 13.25	+29 51.8	1.688	2.657	5.4	20.1
11 27	4 3.04	+29 39.6	1.677	2.657	3.2	20.0
12 7	3 53.11	+29 16.1	1.695	2.657	5.7	20.1
12 17	3 44.67	+28 45.4	1.739	2.658	9.4	20.3
12 27	3 38.68	+28 13.0	1.809	2.659	12.9	20.6

474934 2005 SB_{264} 11 25.3 58°.76 0°.3/25.3 16

10 18	4 37.48	+20 26.5	1.346	2.161	19.4	21.4
10 28	4 32.73	+20 30.4	1.292	2.183	15.1	21.2
11 7	4 24.68	+20 28.8	1.258	2.204	10.1	21.0
11 17	4 14.24	+20 21.9	1.247	2.226	4.7	20.7
11 27	4 2.88	+20 11.2	1.262	2.248	1.0	20.5
12 7	3 52.26	+19 59.7	1.304	2.271	6.4	20.9
12 17	3 43.73	+19 51.1	1.372	2.293	11.2	21.3
12 27	3 38.22	+19 49.1	1.463	2.315	15.3	21.6

397535 2007 TF_{246} 11 25.3 3°.22 1°.6/25.9 15

10 18	4 32.70	+25 45.1	1.638	2.440	17.0	21.7
10 28	4 28.90	+25 43.9	1.558	2.440	13.5	21.5
11 7	4 22.15	+25 32.8	1.499	2.440	9.3	21.2
11 17	4 13.15	+25 10.8	1.464	2.440	4.8	21.0
11 27	4 3.08	+24 39.1	1.455	2.441	1.6	20.8
12 7	3 53.36	+24 1.2	1.475	2.442	5.7	21.0
12 17	3 45.28	+23 22.2	1.521	2.443	10.2	21.3
12 27	3 39.81	+22 47.8	1.590	2.445	14.2	21.6

189286 2005 TW_{80} 11 25.3 76°.84 3°.2/23.9 18

10 18	4 34.65	+17 24.1	1.490	2.305	17.8	21.0
10 28	4 30.13	+16 19.2	1.429	2.320	13.9	20.8
11 7	4 22.73	+15 8.6	1.389	2.336	9.4	20.6
11 17	4 13.28	+13 56.8	1.374	2.352	4.8	20.4
11 27	4 3.08	+12 49.6	1.387	2.367	3.6	20.3
12 7	3 53.50	+11 53.4	1.427	2.383	7.4	20.6
12 17	3 45.72	+11 12.7	1.493	2.398	11.7	20.9
12 27	3 40.57	+10 49.8	1.582	2.414	15.4	21.2

118938 2000 WM_{47} 11 25.3 272°.60 3°.0/24.2 18

10 18	4 32.49	+11 46.8	2.249	3.042	13.2	18.6
10 28	4 27.87	+11 41.5	2.149	3.026	10.5	18.4
11 7	4 21.08	+11 38.2	2.071	3.009	7.3	18.2
11 17	4 12.58	+11 38.6	2.020	2.993	4.1	18.0
11 27	4 3.18	+11 44.5	1.998	2.976	3.2	17.9
12 7	3 53.83	+11 57.5	2.006	2.959	5.9	18.0
12 17	3 45.47	+12 18.5	2.043	2.942	9.4	18.2
12 27	3 38.92	+12 48.2	2.105	2.924	12.6	18.4

392663 2011 UN_{268} 11 25.3 94°.58 0°.4/25.1 18

10 18	4 34.21	+23 7.5	1.970	2.761	14.9	20.6
10 28	4 29.17	+22 21.5	1.901	2.779	11.6	20.4
11 7	4 21.79	+21 26.6	1.855	2.796	7.8	20.2
11 17	4 12.78	+20 24.9	1.835	2.813	3.6	20.0
11 27	4 3.18	+19 19.9	1.844	2.830	0.9	19.8
12 7	3 54.09	+18 16.5	1.884	2.847	5.1	20.2
12 17	3 46.46	+17 19.6	1.951	2.863	9.0	20.4
12 27	3 40.98	+16 33.2	2.045	2.879	12.3	20.7

320128 2007 EY_{195} 11 25.3 163°.36 1°.3/25.9 17

10 18	4 33.29	+24 23.2	2.442	3.219	12.8	21.4
10 28	4 28.34	+24 42.3	2.353	3.221	10.1	21.2
11 7	4 21.28	+24 56.0	2.288	3.222	7.0	21.1
11 17	4 12.62	+25 3.6	2.249	3.224	3.5	20.8
11 27	4 3.20	+25 4.7	2.241	3.226	1.4	20.7
12 7	3 53.95	+25 0.6	2.263	3.227	4.3	20.9
12 17	3 45.79	+24 53.4	2.314	3.228	7.6	21.1
12 27	3 39.45	+24 46.2	2.392	3.229	10.6	21.3

272065 2005 EL_{209} 11 25.3 216°.16 8°.1/30.9 18

10 18	4 38.21	+48 43.0	2.626	3.299	14.3	20.9
10 28	4 32.87	+49 25.7	2.535	3.297	12.7	20.8
11 7	4 24.67	+49 51.3	2.464	3.296	10.8	20.6
11 17	4 14.29	+49 54.9	2.415	3.294	9.2	20.5
11 27	4 2.87	+49 33.4	2.391	3.292	8.2	20.5
12 7	3 51.78	+48 47.7	2.394	3.290	8.4	20.5
12 17	3 42.27	+47 41.6	2.424	3.289	9.5	20.5
12 27	3 35.29	+46 22.1	2.479	3.287	11.3	20.7

329661 2003 ST_{397} 11 25.3 342°.22 5°.3/23.9 18

10 18	4 33.87	+10 24.8	1.282	2.109	19.4	21.1
10 28	4 30.31	+ 9 58.3	1.210	2.106	15.5	20.9
11 7	4 23.39	+ 9 35.4	1.157	2.102	11.0	20.6
11 17	4 13.84	+ 9 20.7	1.127	2.099	6.7	20.4
11 27	4 2.97	+ 9 18.4	1.122	2.097	5.6	20.3
12 7	3 52.45	+ 9 31.8	1.141	2.095	9.2	20.5
12 17	3 43.79	+10 1.7	1.185	2.093	13.8	20.8
12 27	3 38.12	+10 47.4	1.250	2.092	18.1	21.0

114080 2002 VK_{34} 11 25.3 65°.86 2°.0/24.8 18

10 18	4 37.19	+14 8.7	1.751	2.550	16.2	18.9
10 28	4 31.74	+14 24.6	1.690	2.571	12.6	18.7
11 7	4 23.67	+14 42.1	1.651	2.593	8.5	18.5
11 17	4 13.73	+15 1.6	1.637	2.614	4.2	18.3
11 27	4 3.02	+15 23.8	1.652	2.636	2.3	18.3
12 7	3 52.81	+15 49.1	1.697	2.657	5.9	18.5
12 17	3 44.18	+16 18.5	1.769	2.678	9.9	18.8
12 27	3 37.94	+16 52.5	1.865	2.699	13.3	19.1

449650 2014 KT_{51} 11 25.3 93°.35 6°.8/22.5 18

10 18	4 32.28	+ 2 20.5	2.072	2.861	14.4	21.6
10 28	4 27.42	+ 1 26.6	2.015	2.878	11.7	21.4
11 7	4 20.51	+ 0 40.5	1.980	2.896	9.1	21.3
11 17	4 12.20	+ 0 6.8	1.970	2.913	7.2	21.2
11 27	4 3.34	− 0 10.4	1.988	2.929	7.1	21.2
12 7	3 54.89	− 0 9.3	2.034	2.946	8.8	21.4
12 17	3 47.66	+ 0 10.2	2.106	2.962	11.2	21.6
12 27	3 42.29	+ 0 46.4	2.201	2.978	13.5	21.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
268898 2007 BT_{49}		11 25.3 205°.26		3°.3/24.1 18		
	h m	° ′			°	m
10 18	4 34.99	+13 41.8	1.794	2.596	15.7	21.1
10 28	4 30.24	+13 12.6	1.710	2.593	12.4	20.9
11 7	4 22.85	+12 42.6	1.648	2.590	8.6	20.6
11 17	4 13.45	+12 14.4	1.612	2.586	4.7	20.4
11 27	4 3.07	+11 51.5	1.604	2.582	3.6	20.3
12 7	3 52.96	+11 37.1	1.624	2.577	6.9	20.5
12 17	3 44.24	+11 33.8	1.671	2.572	10.9	20.8
12 27	3 37.83	+11 43.0	1.743	2.567	14.6	21.0
305640 2009 BZ_{39}		11 25.3 352°.62		13°.2/20.8 18		
10 18	4 32.44	−11 45.2	1.715	2.479	17.9	19.7
10 28	4 28.18	−13 1.2	1.657	2.477	15.9	19.5
11 7	4 21.38	−13 57.4	1.618	2.476	14.2	19.4
11 17	4 12.72	−14 25.4	1.600	2.475	13.3	19.4
11 27	4 3.23	−14 19.2	1.604	2.474	13.4	19.4
12 7	3 54.12	−13 37.2	1.631	2.474	14.6	19.4
12 17	3 46.44	−12 22.0	1.679	2.474	16.4	19.6
12 27	3 41.01	−10 39.6	1.747	2.474	18.3	19.7
391522 2007 RX_{179}		11 25.3 105°.95		3°.1/26.3 18		
10 18	4 39.18	+27 4.7	1.936	2.711	15.7	20.5
10 28	4 33.61	+27 57.1	1.857	2.720	12.6	20.3
11 7	4 25.19	+28 42.9	1.801	2.729	8.9	20.1
11 17	4 14.57	+29 18.6	1.770	2.738	5.2	19.9
11 27	4 2.86	+29 41.8	1.768	2.747	3.2	19.7
12 7	3 51.42	+29 52.8	1.795	2.756	5.7	19.9
12 17	3 41.50	+29 54.2	1.851	2.764	9.3	20.2
12 27	3 34.09	+29 50.6	1.932	2.772	12.7	20.4
431713 2008 EB_{128}		11 25.4 120°.99		3°.8/23.9 16		
10 18	4 36.84	+12 46.8	1.711	2.513	16.4	21.8
10 28	4 31.53	+12 10.9	1.645	2.527	12.9	21.7
11 7	4 23.57	+11 35.1	1.601	2.541	8.9	21.4
11 17	4 13.71	+11 2.8	1.582	2.555	5.1	21.3
11 27	4 3.08	+10 37.7	1.591	2.567	4.1	21.2
12 7	3 52.93	+10 23.1	1.629	2.580	7.2	21.4
12 17	3 44.37	+10 21.0	1.694	2.591	11.0	21.7
12 27	3 38.21	+10 32.2	1.782	2.603	14.5	21.9
116194 2003 XV_{11}		11 25.4 323°.89		11°.0/16.9 17		
10 18	4 26.05	− 3 38.6	1.906	2.700	15.2	18.8
10 28	4 23.16	− 5 52.0	1.826	2.679	13.2	18.6
11 7	4 18.06	− 7 58.4	1.770	2.658	11.6	18.5
11 17	4 11.24	− 9 48.5	1.737	2.637	11.0	18.4
11 27	4 3.55	−11 13.2	1.730	2.617	11.7	18.4
12 7	3 55.99	−12 6.5	1.747	2.598	13.4	18.5
12 17	3 49.50	−12 26.5	1.785	2.579	15.6	18.6
12 27	3 44.90	−12 14.6	1.842	2.561	17.8	18.7
496435 2014 LJ_{17}		11 25.4 339°.80		21°.9/25.3 17		
10 18	4 40.53	−20 7.1	0.987	1.759	27.7	20.6
10 28	4 36.41	−21 18.2	0.937	1.752	25.7	20.5
11 7	4 27.95	−21 49.0	0.899	1.746	23.7	20.3
11 17	4 16.08	−21 23.5	0.874	1.740	22.3	20.2
11 27	4 2.61	−19 50.3	0.866	1.736	21.9	20.1
12 7	3 49.76	−17 10.0	0.875	1.732	22.8	20.2
12 17	3 39.49	−13 34.4	0.902	1.729	24.6	20.3
12 27	3 33.11	− 9 22.1	0.947	1.728	27.0	20.5
11390 1998 VG_{15}		11 25.4 73°.00		0°.2/25.5 18		
10 18	4 32.06	+22 33.1	2.188	2.977	13.7	18.2
10 28	4 27.41	+22 24.7	2.117	2.993	10.7	18.0
11 7	4 20.61	+22 10.4	2.069	3.010	7.2	17.8
11 17	4 12.30	+21 50.7	2.048	3.026	3.4	17.6
11 27	4 3.37	+21 27.0	2.056	3.042	0.7	17.4
12 7	3 54.81	+21 1.8	2.093	3.058	4.5	17.7
12 17	3 47.50	+20 38.3	2.159	3.074	8.1	18.0
12 27	3 42.11	+20 19.5	2.251	3.090	11.2	18.2
128951 2004 TY_{132}		11 25.4 312°.17		2°.1/26.5 17		
10 18	4 31.27	+28 54.3	2.120	2.901	14.3	19.9
10 28	4 27.19	+28 40.2	2.028	2.895	11.5	19.6
11 7	4 20.71	+28 14.7	1.958	2.890	8.1	19.4
11 17	4 12.44	+27 37.2	1.913	2.885	4.4	19.2
11 27	4 3.33	+26 48.9	1.897	2.880	2.1	19.0
12 7	3 54.49	+25 53.3	1.910	2.875	4.8	19.2
12 17	3 46.93	+24 55.2	1.951	2.870	8.5	19.4
12 27	3 41.47	+24 0.1	2.018	2.866	11.9	19.6
509576 2008 CR_{128}		11 25.4 285°.51		3°.1/24.3 18		
10 18	4 34.02	+15 54.2	1.425	2.245	18.2	21.6
10 28	4 30.26	+15 23.3	1.344	2.237	14.4	21.3
11 7	4 23.30	+14 49.0	1.283	2.230	9.9	21.0
11 17	4 13.82	+14 14.2	1.245	2.222	5.1	20.7
11 27	4 3.05	+13 43.1	1.233	2.215	3.4	20.6
12 7	3 52.56	+13 20.2	1.248	2.208	7.7	20.9
12 17	3 43.78	+13 9.4	1.288	2.201	12.6	21.1
12 27	3 37.82	+13 13.0	1.350	2.193	16.9	21.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
209205 2003 UQ_{283}		11 25.4 22°.74		2°.1/26.4 18		
	h m	° ′			°	m
10 18	4 31.25	+29 44.4	1.362	2.172	19.4	18.8
10 28	4 28.19	+29 5.8	1.296	2.180	15.5	18.6
11 7	4 21.80	+28 8.6	1.249	2.189	10.8	18.4
11 17	4 13.00	+26 53.6	1.224	2.200	5.7	18.1
11 27	4 3.25	+25 24.7	1.226	2.211	2.1	17.9
12 7	3 54.18	+23 50.2	1.254	2.223	6.2	18.2
12 17	3 47.13	+22 19.4	1.308	2.236	11.0	18.5
12 27	3 43.03	+21 0.6	1.385	2.249	15.3	18.8
173701 2001 QC_{43}		11 25.4 25°.15		8°.6/29.5 17		
10 18	4 35.00	+40 49.6	1.452	2.219	20.4	19.4
10 28	4 31.66	+41 38.1	1.390	2.230	17.3	19.2
11 7	4 24.48	+42 4.7	1.346	2.243	13.9	19.0
11 17	4 14.36	+42 2.8	1.322	2.257	10.6	18.8
11 27	4 2.98	+41 29.7	1.321	2.272	8.7	18.8
12 7	3 52.31	+40 28.6	1.345	2.287	9.4	18.9
12 17	3 44.01	+39 8.1	1.394	2.304	12.0	19.1
12 27	3 39.15	+37 39.7	1.465	2.321	15.1	19.3
386656 2009 TV_{10}		11 25.4 6°.39		1°.9/25.9 18		
10 18	4 29.47	+23 49.2	1.032	1.876	21.9	20.6
10 28	4 27.86	+24 15.0	0.970	1.876	17.4	20.3
11 7	4 22.26	+24 31.8	0.926	1.877	12.0	20.0
11 17	4 13.47	+24 37.6	0.902	1.881	6.1	19.7
11 27	4 3.14	+24 32.2	0.900	1.885	2.1	19.5
12 7	3 53.33	+24 18.8	0.922	1.892	7.4	19.8
12 17	3 45.87	+24 2.9	0.966	1.900	13.1	20.2
12 27	3 42.02	+23 50.8	1.030	1.910	18.0	20.5
220363 2003 NN_{6}		11 25.4 51°.06		4°.5/23.2 18		
10 18	4 29.84	+10 52.7	1.945	2.752	14.5	20.0
10 28	4 25.76	+ 9 58.4	1.883	2.767	11.4	19.8
11 7	4 19.53	+ 9 5.3	1.844	2.783	8.1	19.6
11 17	4 11.81	+ 8 17.5	1.831	2.798	5.2	19.5
11 27	4 3.50	+ 7 39.3	1.846	2.814	4.7	19.5
12 7	3 55.60	+ 7 13.9	1.889	2.831	7.2	19.7
12 17	3 48.97	+ 7 3.3	1.958	2.847	10.3	19.9
12 27	3 44.27	+ 7 7.8	2.052	2.864	13.2	20.1
297362 2000 CT_{140}		11 25.4 135°.35		1°.8/26.2 18		
10 18	4 34.65	+27 3.2	1.990	2.772	15.1	21.1
10 28	4 29.88	+27 1.8	1.908	2.777	12.0	20.9
11 7	4 22.54	+26 50.7	1.848	2.782	8.4	20.7
11 17	4 13.31	+26 29.1	1.813	2.786	4.4	20.5
11 27	4 3.21	+25 57.7	1.807	2.791	1.8	20.3
12 7	3 53.45	+25 19.6	1.830	2.795	5.0	20.6
12 17	3 45.13	+24 39.1	1.881	2.799	8.9	20.8
12 27	3 39.08	+24 1.3	1.958	2.803	12.3	21.0
419029 2009 QA_{54}		11 25.4 348°.77		5°.6/22.8 18		
10 18	4 28.47	+ 8 18.9	1.835	2.647	15.0	20.0
10 28	4 25.03	+ 7 25.1	1.758	2.643	12.0	19.8
11 7	4 19.27	+ 6 33.8	1.703	2.639	8.8	19.6
11 17	4 11.79	+ 5 49.9	1.673	2.636	6.2	19.4
11 27	4 3.50	+ 5 18.2	1.671	2.633	5.9	19.4
12 7	3 55.47	+ 5 2.4	1.695	2.631	8.3	19.5
12 17	3 48.68	+ 5 4.2	1.744	2.629	11.5	19.7
12 27	3 43.90	+ 5 23.3	1.817	2.628	14.6	19.9
443592 2014 KU_{89}		11 25.4 101°.09		4°.6/23.2 18		
10 18	4 32.74	+ 9 53.3	2.052	2.849	14.2	21.4
10 28	4 27.86	+ 9 0.9	1.989	2.866	11.2	21.3
11 7	4 20.87	+ 8 10.3	1.949	2.883	8.0	21.1
11 17	4 12.42	+ 7 25.5	1.935	2.900	5.2	21.0
11 27	4 3.40	+ 6 50.4	1.950	2.916	4.8	21.0
12 7	3 54.80	+ 6 28.2	1.994	2.932	7.1	21.2
12 17	3 47.46	+ 6 20.4	2.066	2.948	10.1	21.4
12 27	3 42.04	+ 6 27.2	2.161	2.964	12.9	21.6
443543 2014 KM_{9}		11 25.4 122°.69		1°.0/24.9 18		
10 18	4 33.13	+20 7.2	1.995	2.791	14.6	21.7
10 28	4 28.48	+19 39.4	1.918	2.798	11.4	21.6
11 7	4 21.48	+19 5.9	1.862	2.805	7.7	21.3
11 17	4 12.78	+18 28.2	1.833	2.812	3.6	21.1
11 27	4 3.34	+17 49.0	1.833	2.818	1.4	21.0
12 7	3 54.24	+17 12.0	1.862	2.825	5.3	21.2
12 17	3 46.48	+16 40.7	1.920	2.831	9.2	21.5
12 27	3 40.82	+16 18.2	2.002	2.837	12.5	21.7
319083 2005 WH_{115}		11 25.4 181°.01		2°.4/26.9 18		
10 18	4 32.92	+31 3.5	2.723	3.479	12.1	21.1
10 28	4 27.89	+30 56.4	2.630	3.480	9.8	20.9
11 7	4 20.89	+30 39.2	2.559	3.480	7.0	20.8
11 17	4 12.47	+30 11.0	2.515	3.480	4.2	20.6
11 27	4 3.40	+29 32.4	2.501	3.480	2.4	20.5
12 7	3 54.58	+28 45.7	2.518	3.479	4.2	20.6
12 17	3 46.83	+27 54.6	2.564	3.478	7.0	20.8
12 27	3 40.82	+27 3.5	2.639	3.476	9.8	21.0

208018 1998 TS_{28} 11 25.4 195°.39 3°.2/26.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 36.96	+28 49.7	2.097	2.868	14.8	21.1
10 28	4 31.80	+29 24.6	2.007	2.866	11.9	20.9
11 7	4 23.97	+29 51.5	1.939	2.865	8.6	20.7
11 17	4 14.06	+30 7.5	1.897	2.863	5.1	20.5
11 27	4 3.08	+30 10.9	1.883	2.861	3.2	20.4
12 7	3 52.27	+30 2.8	1.899	2.859	5.4	20.5
12 17	3 42.82	+29 46.2	1.943	2.856	8.9	20.7
12 27	3 35.68	+29 26.0	2.013	2.853	12.2	20.9

112171 2002 JQ_{93} 11 25.4 199°.17 0°.9/25.6 18

10 18	4 38.60	+22 35.7	1.623	2.420	17.4	20.4
10 28	4 33.64	+22 51.3	1.539	2.418	13.8	20.1
11 7	4 25.51	+23 1.2	1.475	2.416	9.5	19.9
11 17	4 14.86	+23 3.9	1.436	2.414	4.6	19.6
11 27	4 2.93	+22 59.3	1.425	2.411	1.1	19.3
12 7	3 51.25	+22 49.3	1.442	2.407	6.0	19.7
12 17	3 41.27	+22 37.6	1.486	2.404	10.7	19.9
12 27	3 34.09	+22 28.7	1.553	2.400	14.9	20.2

359878 2011 WR_{26} 11 25.4 79°.81 1°.7/24.6 18

10 18	4 31.80	+18 57.5	1.897	2.700	15.0	21.3
10 28	4 27.62	+18 19.8	1.815	2.700	11.7	21.1
11 7	4 21.02	+17 36.4	1.756	2.701	7.9	20.8
11 17	4 12.61	+16 49.5	1.723	2.701	3.8	20.6
11 27	4 3.39	+16 2.6	1.717	2.701	2.0	20.5
12 7	3 54.48	+15 19.8	1.741	2.702	5.8	20.7
12 17	3 46.91	+14 45.1	1.793	2.702	9.8	21.0
12 27	3 41.48	+14 21.7	1.868	2.703	13.3	21.2

415672 2014 RH_{13} 11 25.4 68°.51 0°.0/25.4 18

10 18	4 32.53	+24 23.6	2.076	2.864	14.3	20.5
10 28	4 27.79	+23 41.0	2.009	2.885	11.2	20.3
11 7	4 20.86	+22 49.4	1.965	2.905	7.5	20.1
11 17	4 12.42	+21 50.4	1.948	2.926	3.5	19.9
11 27	4 3.45	+20 47.3	1.960	2.946	0.7	19.7
12 7	3 54.98	+19 44.6	2.002	2.967	4.7	20.1
12 17	3 47.87	+18 47.0	2.073	2.987	8.4	20.3
12 27	3 42.79	+17 58.4	2.170	3.007	11.6	20.6

104222 2000 EH_{121} 11 25.4 188°.75 5°.3/27.6 18

10 18	4 38.04	+35 9.6	2.128	2.878	15.2	19.5
10 28	4 32.83	+35 53.6	2.039	2.877	12.6	19.3
11 7	4 24.76	+36 25.7	1.971	2.877	9.7	19.1
11 17	4 14.46	+36 41.7	1.928	2.876	6.8	18.9
11 27	4 3.02	+36 39.1	1.912	2.874	5.3	18.8
12 7	3 51.79	+36 18.6	1.925	2.873	6.5	18.9
12 17	3 42.04	+35 44.2	1.966	2.871	9.3	19.1
12 27	3 34.77	+35 2.1	2.032	2.869	12.3	19.3

60652 2000 FG_{43} 11 25.4 150°.58 0°.6/25.1 18

10 18	4 37.26	+19 51.0	1.940	2.730	15.2	20.2
10 28	4 31.81	+19 44.4	1.862	2.738	11.9	20.0
11 7	4 23.80	+19 33.5	1.805	2.746	8.0	19.7
11 17	4 13.90	+19 18.6	1.775	2.753	3.7	19.5
11 27	4 3.16	+19 1.2	1.774	2.760	1.0	19.3
12 7	3 52.76	+18 43.9	1.803	2.766	5.3	19.6
12 17	3 43.79	+18 29.8	1.860	2.771	9.4	19.9
12 27	3 37.10	+18 21.7	1.942	2.776	12.9	20.1

317699 2003 PP_{9} 11 25.4 99°.47 15°.1/21.2 17

10 18	4 42.35	− 3 11.6	1.012	1.827	24.4	20.3
10 28	4 36.82	− 5 38.9	0.982	1.850	20.6	20.1
11 7	4 27.51	− 7 45.3	0.968	1.872	17.3	20.0
11 17	4 15.59	− 9 16.2	0.974	1.894	15.3	20.0
11 27	4 2.88	−10 0.5	1.002	1.915	15.5	20.1
12 7	3 51.29	− 9 55.9	1.050	1.936	17.4	20.3
12 17	3 42.31	− 9 7.5	1.118	1.955	20.2	20.5
12 27	3 36.82	− 7 45.2	1.202	1.973	22.9	20.8

374686 2006 QY_{111} 11 25.4 50°.73 1°.8/24.7 18

10 18	4 34.97	+20 10.3	1.197	2.025	20.5	20.6
10 28	4 31.15	+19 29.2	1.143	2.041	16.0	20.4
11 7	4 23.83	+18 39.9	1.107	2.058	10.7	20.2
11 17	4 13.98	+17 45.5	1.094	2.074	5.0	19.9
11 27	4 3.17	+16 51.2	1.107	2.092	2.2	19.8
12 7	3 53.14	+16 3.6	1.145	2.109	7.4	20.2
12 17	3 45.33	+15 28.0	1.207	2.127	12.5	20.5
12 27	3 40.65	+15 8.2	1.291	2.146	16.8	20.8

162187 1999 QR_{2} 11 25.4 96°.08 9°.6/21.7 18

10 18	4 35.44	− 4 44.7	1.962	2.732	15.7	21.0
10 28	4 29.85	− 6 0.5	1.920	2.759	13.3	20.9
11 7	4 22.13	− 7 2.6	1.900	2.785	11.1	20.8
11 17	4 12.99	− 7 44.6	1.903	2.811	9.7	20.8
11 27	4 3.38	− 8 2.2	1.934	2.836	9.8	20.8
12 7	3 54.30	− 7 53.8	1.990	2.860	11.1	21.0
12 17	3 46.61	− 7 21.0	2.070	2.884	13.0	21.1
12 27	3 40.95	− 6 27.6	2.172	2.907	14.9	21.3

262485 2006 UZ_{196} 11 25.4 11°.53 3°.1/23.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 26.17	+19 45.3	1.244	2.085	19.1	19.5
10 28	4 24.23	+18 22.1	1.184	2.090	14.9	19.3
11 7	4 19.17	+16 48.1	1.143	2.097	10.0	19.0
11 17	4 11.84	+15 9.3	1.126	2.105	5.0	18.8
11 27	4 3.59	+13 34.5	1.133	2.115	3.6	18.7
12 7	3 55.92	+12 12.6	1.166	2.126	8.0	19.0
12 17	3 50.09	+11 10.5	1.223	2.139	12.7	19.3
12 27	3 46.99	+10 31.4	1.301	2.154	16.9	19.6

482594 2012 XJ_{117} 11 25.4 319°.73 13°.2/24.8 18

10 18	4 43.01	−12 37.5	1.539	2.287	20.2	20.4
10 28	4 37.23	−12 42.9	1.450	2.266	18.0	20.2
11 7	4 28.07	−12 21.4	1.378	2.246	15.6	20.0
11 17	4 16.16	−11 23.6	1.327	2.226	13.8	19.8
11 27	4 2.72	− 9 43.6	1.301	2.207	13.3	19.8
12 7	3 49.36	− 7 22.3	1.301	2.188	14.6	19.8
12 17	3 37.64	− 4 27.0	1.327	2.170	17.2	19.9
12 27	3 28.81	− 1 9.2	1.376	2.153	20.2	20.1

137184 1999 JG_{63} 11 25.4 58°.19 0°.9/25.8 18 R

10 18	4 43.86	+23 39.6	2.023	2.791	15.3	18.6
10 28	4 36.19	+23 49.7	1.986	2.849	11.9	18.5
11 7	4 26.21	+23 52.6	1.973	2.907	8.0	18.4
11 17	4 14.79	+23 47.9	1.987	2.963	3.8	18.2
11 27	4 3.07	+23 36.3	2.032	3.018	1.1	18.1
12 7	3 52.20	+23 20.4	2.108	3.072	4.6	18.5
12 17	3 43.08	+23 3.5	2.214	3.125	8.1	18.8
12 27	3 36.31	+22 49.1	2.347	3.177	11.1	19.1

319468 2006 PP_{1} 11 25.4 94°.88 2°.1/24.7 15

10 18	4 40.36	+17 21.3	1.539	2.340	17.9	21.3
10 28	4 34.45	+16 56.6	1.484	2.367	14.0	21.1
11 7	4 25.59	+16 28.5	1.450	2.393	9.4	20.9
11 17	4 14.69	+15 59.1	1.440	2.418	4.5	20.7
11 27	4 3.08	+15 31.5	1.459	2.443	2.4	20.6
12 7	3 52.19	+15 9.4	1.507	2.467	6.6	20.9
12 17	3 43.22	+14 55.9	1.581	2.490	10.9	21.3
12 27	3 36.99	+14 53.2	1.679	2.513	14.6	21.5

437354 2013 TB_{116} 11 25.4 342°.58 4°.1/26.8 18

10 18	4 30.92	+29 54.9	1.154	1.977	21.4	20.3
10 28	4 29.04	+30 8.8	1.077	1.968	17.4	20.0
11 7	4 23.17	+30 6.0	1.018	1.959	12.6	19.7
11 17	4 14.01	+29 42.9	0.979	1.952	7.4	19.4
11 27	4 3.16	+28 58.9	0.964	1.945	4.1	19.2
12 7	3 52.67	+27 58.8	0.972	1.940	7.6	19.4
12 17	3 44.44	+26 51.5	1.003	1.936	12.9	19.7
12 27	3 39.85	+25 47.6	1.056	1.933	17.9	20.0

511387 2014 GW_{36} 11 25.4 186°.69 3°.7/23.9 18

10 18	4 34.88	+ 9 12.0	2.415	3.197	12.8	22.1
10 28	4 29.43	+ 8 55.6	2.328	3.197	10.1	21.9
11 7	4 21.98	+ 8 42.0	2.264	3.196	7.2	21.7
11 17	4 13.04	+ 8 33.6	2.228	3.194	4.5	21.6
11 27	4 3.40	+ 8 32.5	2.222	3.192	3.9	21.5
12 7	3 53.95	+ 8 40.4	2.247	3.189	6.1	21.7
12 17	3 45.52	+ 8 58.0	2.300	3.186	9.1	21.8
12 27	3 38.82	+ 9 25.5	2.380	3.182	11.9	22.0

195854 2002 QO_{80} 11 25.4 178°.67 0°.6/25.7 17

10 18	4 31.37	+23 31.5	2.589	3.368	12.1	21.1
10 28	4 26.74	+23 31.3	2.499	3.368	9.5	21.0
11 7	4 20.18	+23 25.6	2.432	3.369	6.5	20.8
11 17	4 12.21	+23 14.4	2.393	3.369	3.1	20.5
11 27	4 3.57	+22 58.4	2.383	3.369	0.8	20.4
12 7	3 55.12	+22 39.4	2.404	3.369	4.0	20.6
12 17	3 47.66	+22 19.9	2.455	3.369	7.3	20.8
12 27	3 41.85	+22 2.9	2.532	3.368	10.2	21.0

123306 2000 VC_{3} 11 25.4 115°.76 0°.5/25.2 18

10 18	4 35.81	+20 44.5	1.853	2.647	15.6	21.4
10 28	4 30.75	+20 30.9	1.780	2.659	12.2	21.2
11 7	4 23.12	+20 11.6	1.729	2.671	8.2	21.0
11 17	4 13.62	+19 47.5	1.704	2.682	3.8	20.8
11 27	4 3.31	+19 20.6	1.707	2.693	1.0	20.6
12 7	3 53.43	+18 53.9	1.740	2.704	5.4	20.9
12 17	3 45.04	+18 31.1	1.801	2.715	9.5	21.2
12 27	3 38.97	+18 15.5	1.887	2.725	13.0	21.4

432710 2011 CX_{27} 11 25.4 207°.31 1°.5/26.0 18

10 18	4 37.56	+26 5.3	1.937	2.717	15.5	22.0
10 28	4 32.38	+26 3.2	1.844	2.712	12.4	21.7
11 7	4 24.43	+25 51.8	1.772	2.707	8.6	21.5
11 17	4 14.33	+25 30.0	1.726	2.700	4.4	21.2
11 27	4 3.17	+24 58.2	1.708	2.693	1.6	21.0
12 7	3 52.23	+24 19.5	1.721	2.686	5.3	21.3
12 17	3 42.74	+23 38.5	1.761	2.677	9.5	21.5
12 27	3 35.68	+23 0.5	1.827	2.669	13.2	21.7

359323 2009 KV_{14} 11 25.4 192°.26 1°.5/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 33.93	+16 19.7	2.363	3.149	12.9	21.0
10 28	4 28.85	+16 16.3	2.273	3.148	10.1	20.8
11 7	4 21.68	+16 11.7	2.206	3.146	6.8	20.6
11 17	4 12.94	+16 6.8	2.167	3.144	3.3	20.4
11 27	4 3.45	+16 2.8	2.158	3.141	1.7	20.3
12 7	3 54.13	+16 1.5	2.179	3.138	4.9	20.5
12 17	3 45.86	+16 4.4	2.229	3.135	8.4	20.7
12 27	3 39.39	+16 13.2	2.306	3.131	11.4	20.9

147503 2004 CW_{104} 11 25.4 303°.66 2°.1/26.1 18

10 18	4 33.38	+26 5.1	1.380	2.193	19.1	20.1
10 28	4 30.45	+26 11.2	1.286	2.173	15.4	19.8
11 7	4 23.94	+26 6.2	1.210	2.153	10.8	19.5
11 17	4 14.40	+25 47.9	1.157	2.133	5.7	19.1
11 27	4 3.13	+25 16.2	1.128	2.113	2.2	18.8
12 7	3 51.90	+24 34.4	1.126	2.094	6.8	19.1
12 17	3 42.47	+23 49.1	1.149	2.076	12.3	19.3
12 27	3 36.23	+23 7.9	1.193	2.057	17.2	19.6

41288 1999 XD_{107} 11 25.4 155°.82 3°.1/23.3 18

10 18	4 34.46	+17 10.8	2.119	2.911	14.0	19.0
10 28	4 29.26	+15 42.4	2.038	2.917	10.9	18.9
11 7	4 21.89	+14 7.3	1.982	2.922	7.4	18.7
11 17	4 12.98	+12 29.8	1.954	2.927	4.1	18.5
11 27	4 3.46	+10 55.8	1.956	2.932	3.5	18.4
12 7	3 54.33	+ 9 31.4	1.989	2.936	6.5	18.6
12 17	3 46.48	+ 8 21.4	2.051	2.940	9.9	18.8
12 27	3 40.60	+ 7 28.9	2.139	2.943	13.0	19.1

116442 2003 YR_{167} 11 25.4 304°.46 0°.4/25.5 18

10 18	4 33.76	+21 39.6	1.752	2.553	16.1	20.3
10 28	4 29.68	+21 50.2	1.663	2.546	12.7	20.1
11 7	4 22.77	+21 55.9	1.595	2.538	8.7	19.8
11 17	4 13.63	+21 56.1	1.552	2.530	4.2	19.5
11 27	4 3.34	+21 51.3	1.537	2.523	0.8	19.3
12 7	3 53.21	+21 43.3	1.550	2.516	5.6	19.6
12 17	3 44.51	+21 35.2	1.590	2.509	10.1	19.9
12 27	3 38.27	+21 30.8	1.654	2.502	14.0	20.1

365318 2009 SC_{79} 11 25.4 113°.36 0°.4/25.2 18

10 18	4 31.66	+21 42.9	2.356	3.143	12.9	21.4
10 28	4 27.00	+21 17.6	2.278	3.153	10.1	21.2
11 7	4 20.35	+20 46.5	2.222	3.163	6.8	21.0
11 17	4 12.29	+20 10.6	2.194	3.173	3.1	20.8
11 27	4 3.63	+19 32.1	2.196	3.182	0.8	20.7
12 7	3 55.28	+18 54.0	2.228	3.191	4.4	20.9
12 17	3 48.06	+18 19.5	2.289	3.201	7.9	21.2
12 27	3 42.62	+17 51.5	2.376	3.209	10.9	21.4

488026 2015 UM_{28} 11 25.4 253°.19 1°.2/24.9 18

10 18	4 32.81	+17 54.2	2.020	2.817	14.4	21.4
10 28	4 28.39	+17 47.5	1.932	2.814	11.3	21.2
11 7	4 21.59	+17 38.2	1.867	2.810	7.6	20.9
11 17	4 12.98	+17 27.1	1.828	2.806	3.6	20.7
11 27	4 3.48	+17 15.8	1.818	2.803	1.5	20.5
12 7	3 54.18	+17 6.7	1.837	2.799	5.3	20.8
12 17	3 46.10	+17 2.0	1.884	2.795	9.3	21.0
12 27	3 40.08	+17 4.1	1.956	2.791	12.7	21.2

273435 2006 WT_{143} 11 25.4 4°.09 1°.3/24.9 18

10 18	4 30.51	+20 58.8	1.159	1.997	20.4	20.7
10 28	4 28.14	+20 24.1	1.092	1.995	16.1	20.5
11 7	4 22.18	+19 39.3	1.043	1.995	10.9	20.2
11 17	4 13.43	+18 47.0	1.016	1.996	5.1	19.9
11 27	4 3.40	+17 52.2	1.013	1.998	1.9	19.7
12 7	3 53.87	+17 1.6	1.034	2.001	7.5	20.0
12 17	3 46.42	+16 21.9	1.080	2.005	13.0	20.3
12 27	3 42.17	+15 57.8	1.145	2.010	17.8	20.6

391638 2007 VC_{247} 11 25.4 97°.17 4°.9/27.2 15

10 18	4 42.99	+32 52.8	2.044	2.794	15.8	21.5
10 28	4 36.51	+33 53.1	1.977	2.818	12.9	21.4
11 7	4 27.12	+34 42.4	1.931	2.841	9.6	21.2
11 17	4 15.55	+35 16.2	1.911	2.864	6.5	21.1
11 27	4 3.00	+35 31.5	1.920	2.886	4.9	21.0
12 7	3 50.88	+35 29.3	1.958	2.908	6.3	21.2
12 17	3 40.45	+35 13.2	2.025	2.929	9.2	21.4
12 27	3 32.65	+34 49.4	2.118	2.950	12.0	21.6

291478 2006 DP_{92} 11 25.4 146°.03 0°.1/25.3 18

10 18	4 30.84	+21 34.5	2.421	3.208	12.6	21.7
10 28	4 26.42	+21 22.6	2.335	3.210	9.9	21.5
11 7	4 20.02	+21 5.6	2.272	3.212	6.6	21.3
11 17	4 12.16	+20 44.2	2.236	3.214	3.1	21.1
11 27	4 3.65	+20 19.7	2.229	3.216	0.6	20.9
12 7	3 55.35	+19 54.6	2.253	3.217	4.3	21.2
12 17	3 48.11	+19 31.5	2.306	3.219	7.7	21.4
12 27	3 42.59	+19 13.3	2.385	3.221	10.7	21.6

74424 1999 BN 11 25.4 303°.56 13°.0/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 45.32	+49 14.8	1.877	2.567	18.9	18.5
10 28	4 40.98	+51 22.8	1.781	2.547	17.1	18.3
11 7	4 32.01	+53 16.2	1.703	2.527	15.3	18.1
11 17	4 18.66	+54 43.9	1.645	2.507	13.7	18.0
11 27	4 2.29	+55 35.1	1.610	2.487	13.0	17.9
12 7	3 45.30	+55 44.8	1.599	2.468	13.4	17.9
12 17	3 30.41	+55 15.4	1.610	2.448	14.9	17.9
12 27	3 19.77	+54 17.0	1.641	2.430	16.9	18.0

317333 2002 JN_{84} 11 25.4 124°.29 0°.7/25.7 17

10 18	4 39.89	+23 31.7	1.720	2.508	16.9	21.4
10 28	4 34.17	+23 27.6	1.650	2.524	13.3	21.2
11 7	4 25.55	+23 15.6	1.601	2.540	9.0	21.0
11 17	4 14.80	+22 55.1	1.577	2.554	4.3	20.7
11 27	4 3.17	+22 27.7	1.582	2.568	0.9	20.5
12 7	3 52.07	+21 56.6	1.617	2.582	5.5	20.8
12 17	3 42.73	+21 26.4	1.679	2.595	9.9	21.1
12 27	3 36.03	+21 1.6	1.766	2.607	13.6	21.4

373006 2011 DG_2 11 25.4 238°.95 3°.7/27.4 18

10 18	4 32.97	+32 58.5	2.485	3.240	13.1	21.4
10 28	4 28.35	+33 17.7	2.391	3.237	10.7	21.2
11 7	4 21.49	+33 26.4	2.320	3.234	8.0	21.0
11 17	4 12.92	+33 22.6	2.274	3.231	5.2	20.9
11 27	4 3.53	+33 5.6	2.256	3.228	3.7	20.8
12 7	3 54.32	+32 36.6	2.268	3.224	5.1	20.8
12 17	3 46.26	+31 59.2	2.309	3.221	7.8	21.0
12 27	3 40.13	+31 18.2	2.377	3.217	10.6	21.2

509325 2006 WR_{137} 11 25.4 290°.73 0°.9/25.1 18

10 18	4 34.59	+19 13.1	1.469	2.283	18.0	21.4
10 28	4 30.97	+19 10.6	1.376	2.267	14.3	21.1
11 7	4 24.05	+19 3.8	1.303	2.250	9.8	20.8
11 17	4 14.40	+18 53.2	1.254	2.233	4.6	20.4
11 27	4 3.22	+18 40.3	1.231	2.217	1.4	20.2
12 7	3 52.09	+18 28.0	1.235	2.200	6.8	20.5
12 17	3 42.59	+18 20.1	1.264	2.184	12.1	20.7
12 27	3 35.96	+18 20.5	1.316	2.168	16.7	21.0

422233 2014 SA_2 11 25.4 14°.74 2°.3/26.4 17

10 18	4 30.68	+27 43.9	1.782	2.578	16.1	21.1
10 28	4 27.16	+27 47.8	1.706	2.582	12.8	20.9
11 7	4 20.95	+27 41.1	1.651	2.587	9.0	20.7
11 17	4 12.72	+27 22.7	1.620	2.593	4.9	20.4
11 27	4 3.58	+26 53.5	1.616	2.599	2.3	20.3
12 7	3 54.81	+26 16.5	1.640	2.606	5.3	20.5
12 17	3 47.53	+25 36.6	1.691	2.614	9.3	20.7
12 27	3 42.64	+24 59.0	1.766	2.622	12.9	21.0

60571 2000 ER_{116} 11 25.4 126°.52 1°.3/25.9 18 R

10 18	4 38.17	+25 6.9	1.829	2.614	16.1	20.0
10 28	4 32.76	+25 6.5	1.755	2.626	12.7	19.8
11 7	4 24.58	+24 57.5	1.702	2.639	8.8	19.6
11 17	4 14.37	+24 39.0	1.675	2.651	4.4	19.3
11 27	4 3.28	+24 12.0	1.676	2.662	1.4	19.1
12 7	3 52.64	+23 39.7	1.707	2.673	5.3	19.4
12 17	3 43.63	+23 6.3	1.766	2.683	9.4	19.7
12 27	3 37.11	+22 36.8	1.850	2.693	13.0	20.0

201763 2003 WX_{37} 11 25.4 4°.50 4°.0/26.9 17

10 18	4 33.05	+30 30.1	1.957	2.735	15.4	19.9
10 28	4 29.02	+31 12.7	1.874	2.735	12.5	19.7
11 7	4 22.26	+31 45.9	1.812	2.736	9.2	19.5
11 17	4 13.39	+32 6.5	1.774	2.737	5.8	19.3
11 27	4 3.45	+32 12.7	1.764	2.739	4.0	19.2
12 7	3 53.71	+32 5.5	1.782	2.741	5.9	19.3
12 17	3 45.39	+31 48.0	1.828	2.744	9.2	19.5
12 27	3 39.44	+31 25.4	1.898	2.747	12.5	19.7

23128 Dorminy 11 25.4 317°.69 2°.7/24.5 18

10 18	4 32.75	+16 52.4	1.338	2.164	18.8	17.9
10 28	4 29.58	+16 26.1	1.257	2.155	14.9	17.6
11 7	4 23.07	+15 55.6	1.196	2.145	10.2	17.3
11 17	4 13.90	+15 23.5	1.158	2.137	5.1	17.0
11 27	4 3.35	+14 53.9	1.145	2.128	3.0	16.8
12 7	3 53.05	+14 31.3	1.158	2.120	7.7	17.1
12 17	3 44.52	+14 19.9	1.195	2.113	12.8	17.4
12 27	3 38.95	+14 22.5	1.254	2.106	17.4	17.6

200128 1997 SJ_{15} 11 25.4 185°.99 0°.4/25.6 18

10 18	4 35.89	+23 51.4	1.886	2.675	15.6	21.5
10 28	4 31.01	+23 35.1	1.800	2.675	12.3	21.2
11 7	4 23.45	+23 10.2	1.735	2.675	8.4	21.0
11 17	4 13.89	+22 36.8	1.696	2.674	4.0	20.8
11 27	4 3.37	+21 56.8	1.686	2.673	0.8	20.5
12 7	3 53.16	+21 13.8	1.706	2.671	5.3	20.8
12 17	3 44.42	+20 32.4	1.753	2.669	9.5	21.1
12 27	3 38.03	+19 57.4	1.825	2.666	13.3	21.3

210605 2000 AD_{79} 11 25.4 340°.46 6°.9/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 32.13	+ 5 1.8	1.474	2.291	17.9	19.8
10 28	4 28.62	+ 4 40.3	1.397	2.282	14.6	19.5
11 7	4 22.16	+ 4 27.9	1.340	2.274	10.9	19.3
11 17	4 13.40	+ 4 29.5	1.305	2.266	7.7	19.1
11 27	4 3.47	+ 4 49.2	1.296	2.260	7.1	19.1
12 7	3 53.75	+ 5 28.7	1.312	2.254	9.7	19.2
12 17	3 45.56	+ 6 27.0	1.354	2.249	13.4	19.4
12 27	3 39.94	+ 7 41.3	1.417	2.245	17.1	19.6

191399 2003 SO_{67} 11 25.4 359°.79 13°.1/17.1 18

10 18	4 24.72	− 6 36.0	1.602	2.404	17.3	18.6
10 28	4 22.42	− 8 58.8	1.550	2.400	15.3	18.5
11 7	4 17.69	−11 7.2	1.519	2.398	13.7	18.4
11 17	4 11.19	−12 50.4	1.510	2.398	13.1	18.4
11 27	4 3.91	−13 59.2	1.523	2.398	13.7	18.4
12 7	3 56.94	−14 29.4	1.558	2.400	15.2	18.5
12 17	3 51.31	−14 21.5	1.613	2.403	17.1	18.6
12 27	3 47.77	−13 39.7	1.684	2.407	19.1	18.8

410619 Fabry 11 25.4 13°.49 10°.7/21.1 18

10 18	4 27.13	− 3 43.2	1.656	2.458	16.9	19.7
10 28	4 24.11	− 5 6.1	1.603	2.464	14.4	19.6
11 7	4 18.71	− 6 15.1	1.571	2.470	12.1	19.5
11 17	4 11.63	− 7 2.6	1.561	2.478	10.8	19.4
11 27	4 3.83	− 7 22.4	1.576	2.487	10.9	19.4
12 7	3 56.43	− 7 12.3	1.613	2.497	12.4	19.6
12 17	3 50.38	− 6 33.5	1.673	2.508	14.6	19.7
12 27	3 46.42	− 5 30.3	1.754	2.520	16.8	19.9

91676 1999 TM_{115} 11 25.4 81°.20 2°.8/23.9 18

10 18	4 31.09	+15 44.1	2.126	2.925	13.7	19.5
10 28	4 26.64	+14 50.7	2.057	2.939	10.7	19.3
11 7	4 20.15	+13 54.4	2.012	2.953	7.2	19.1
11 17	4 12.22	+12 58.4	1.993	2.968	3.9	18.9
11 27	4 3.73	+12 6.6	2.004	2.982	3.0	18.9
12 7	3 55.61	+11 22.9	2.044	2.996	5.9	19.1
12 17	3 48.71	+10 50.2	2.112	3.010	9.2	19.3
12 27	3 43.66	+10 30.4	2.205	3.024	12.1	19.5

254017 2004 FQ_{59} 11 25.4 157°.18 0°.4/25.2 18

10 18	4 33.37	+20 37.1	2.546	3.326	12.2	22.0
10 28	4 28.22	+20 21.7	2.462	3.333	9.6	21.8
11 7	4 21.15	+20 1.8	2.401	3.340	6.4	21.6
11 17	4 12.69	+19 38.1	2.368	3.346	3.0	21.4
11 27	4 3.63	+19 12.2	2.366	3.352	0.8	21.2
12 7	3 54.82	+18 46.4	2.394	3.357	4.2	21.5
12 17	3 47.06	+18 23.4	2.452	3.361	7.5	21.7
12 27	3 40.98	+18 5.6	2.537	3.365	10.4	21.9

331012 2009 UL_{100} 11 25.4 315°.59 1°.0/25.0 17

10 18	4 30.95	+18 5.6	2.092	2.891	13.9	20.7
10 28	4 26.95	+18 5.2	1.999	2.882	10.9	20.5
11 7	4 20.65	+18 2.5	1.929	2.873	7.4	20.3
11 17	4 12.60	+17 58.1	1.885	2.864	3.5	20.0
11 27	4 3.64	+17 53.4	1.869	2.855	1.3	19.8
12 7	3 54.80	+17 50.2	1.883	2.846	5.1	20.1
12 17	3 47.09	+17 50.6	1.924	2.838	9.0	20.3
12 27	3 41.33	+17 56.6	1.991	2.830	12.4	20.5

484923 2009 SZ_{76} 11 25.4 25°.76 7°.6/21.2 18

10 18	4 28.09	+ 4 6.5	1.860	2.667	15.1	20.6
10 28	4 24.59	+ 2 33.1	1.798	2.674	12.3	20.4
11 7	4 18.92	+ 1 4.9	1.759	2.681	9.6	20.3
11 17	4 11.69	− 0 11.3	1.745	2.689	7.8	20.2
11 27	4 3.83	− 1 9.0	1.758	2.697	8.0	20.2
12 7	3 56.31	− 1 44.2	1.797	2.706	9.9	20.4
12 17	3 50.04	− 1 55.3	1.861	2.715	12.5	20.6
12 27	3 45.69	− 1 43.8	1.946	2.724	15.0	20.8

28453 Alexcecil 11 25.4 140°.11 0°.5/25.6 18

10 18	4 33.91	+23 49.2	1.962	2.753	15.0	19.3
10 28	4 29.32	+23 35.1	1.880	2.757	11.8	19.1
11 7	4 22.23	+23 13.0	1.820	2.760	8.0	18.9
11 17	4 13.30	+22 43.2	1.786	2.763	3.9	18.6
11 27	4 3.52	+22 7.3	1.780	2.766	0.8	18.4
12 7	3 54.07	+21 28.8	1.804	2.769	5.0	18.7
12 17	3 46.00	+20 51.8	1.855	2.772	9.0	19.0
12 27	3 40.13	+20 20.5	1.932	2.775	12.6	19.2

72289 2001 BW_{14} 11 25.4 298°.54 0°.1/25.4 18

10 18	4 32.85	+22 6.7	1.688	2.493	16.4	20.0
10 28	4 29.11	+21 58.5	1.596	2.481	13.0	19.8
11 7	4 22.47	+21 43.1	1.526	2.470	8.9	19.5
11 17	4 13.56	+21 20.8	1.480	2.458	4.2	19.2
11 27	4 3.45	+20 53.1	1.461	2.447	0.8	18.9
12 7	3 53.52	+20 23.3	1.470	2.436	5.8	19.2
12 17	3 45.04	+19 55.8	1.505	2.425	10.5	19.5
12 27	3 39.08	+19 35.0	1.565	2.414	14.6	19.7

517381 2014 KM_{79} 11 25.4 63°.83 0°.9/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 33.29	+25 6.9	1.839	2.633	15.7	21.4
10 28	4 29.03	+24 49.9	1.759	2.636	12.4	21.2
11 7	4 22.13	+24 23.2	1.700	2.640	8.5	20.9
11 17	4 13.28	+23 47.1	1.666	2.643	4.2	20.7
11 27	4 3.54	+23 3.4	1.660	2.646	1.0	20.5
12 7	3 54.17	+22 16.1	1.683	2.650	5.2	20.8
12 17	3 46.28	+21 30.1	1.734	2.653	9.4	21.0
12 27	3 40.72	+20 50.3	1.810	2.657	13.1	21.3

273611 2007 DB_{4} 11 25.4 203°.50 3°.2/26.8 18

10 18	4 37.21	+30 11.3	1.788	2.566	16.7	20.4
10 28	4 32.45	+30 16.7	1.700	2.564	13.5	20.2
11 7	4 24.67	+30 9.3	1.633	2.561	9.7	19.9
11 17	4 14.55	+29 46.8	1.590	2.558	5.7	19.7
11 27	4 3.30	+29 9.2	1.575	2.555	3.2	19.5
12 7	3 52.36	+28 19.4	1.588	2.552	5.8	19.7
12 17	3 43.08	+27 23.5	1.629	2.548	9.9	19.9
12 27	3 36.47	+26 28.4	1.695	2.544	13.7	20.2

298486 2003 UK_{264} 11 25.4 8°.81 5°.5/23.5 18

10 18	4 28.01	+12 9.2	1.251	2.091	19.1	20.0
10 28	4 25.71	+11 12.2	1.190	2.093	15.1	19.7
11 7	4 20.28	+10 15.2	1.148	2.096	10.6	19.5
11 17	4 12.51	+ 9 24.1	1.128	2.101	6.6	19.3
11 27	4 3.71	+ 8 45.5	1.132	2.106	5.8	19.2
12 7	3 55.37	+ 8 24.5	1.161	2.113	9.2	19.5
12 17	3 48.82	+ 8 23.7	1.213	2.122	13.6	19.7
12 27	3 45.02	+ 8 42.8	1.286	2.131	17.5	20.0

387978 2005 MW_{44} 11 25.4 62°.00 2°.4/24.4 18

10 18	4 34.80	+18 39.7	1.377	2.197	18.8	20.4
10 28	4 30.65	+17 49.9	1.318	2.211	14.6	20.1
11 7	4 23.38	+16 53.5	1.278	2.226	9.8	19.9
11 17	4 13.86	+15 54.2	1.262	2.240	4.8	19.7
11 27	4 3.47	+14 57.2	1.272	2.255	2.8	19.6
12 7	3 53.72	+14 8.6	1.309	2.270	7.2	19.9
12 17	3 45.89	+13 33.2	1.372	2.285	11.9	20.2
12 27	3 40.87	+13 13.7	1.457	2.301	15.9	20.5

53169 1999 CA_{18} 11 25.4 358°.61 4°.2/26.5 18

10 18	4 35.06	+28 0.3	1.319	2.129	19.9	17.9
10 28	4 31.83	+28 48.7	1.244	2.127	16.1	17.7
11 7	4 24.87	+29 27.4	1.188	2.125	11.6	17.4
11 17	4 14.85	+29 51.9	1.154	2.125	6.9	17.2
11 27	4 3.24	+29 59.2	1.145	2.125	4.2	17.0
12 7	3 51.93	+29 50.4	1.161	2.125	7.3	17.2
12 17	3 42.70	+29 30.5	1.201	2.127	12.0	17.5
12 27	3 36.84	+29 7.0	1.264	2.129	16.4	17.7

21670 Kuan 11 25.4 42°.69 1°.1/25.7 18

10 18	4 36.27	+23 11.6	1.229	2.050	20.5	18.1
10 28	4 32.50	+23 23.9	1.167	2.060	16.2	17.9
11 7	4 25.05	+23 28.0	1.124	2.071	11.1	17.6
11 17	4 14.79	+23 22.6	1.103	2.082	5.4	17.3
11 27	4 3.29	+23 8.4	1.108	2.094	1.3	17.1
12 7	3 52.40	+22 48.9	1.138	2.106	6.7	17.5
12 17	3 43.72	+22 29.3	1.192	2.119	12.0	17.8
12 27	3 38.37	+22 15.0	1.269	2.132	16.5	18.1

191536 2003 UY_{222} 11 25.4 59°.45 3°.2/26.7 18

10 18	4 38.06	+28 41.3	2.093	2.861	14.9	19.5
10 28	4 32.35	+29 26.1	2.033	2.891	11.9	19.4
11 7	4 24.15	+30 2.3	1.996	2.920	8.5	19.2
11 17	4 14.15	+30 27.1	1.984	2.950	5.1	19.1
11 27	4 3.42	+30 39.2	2.002	2.979	3.2	19.0
12 7	3 53.14	+30 39.7	2.049	3.009	5.2	19.2
12 17	3 44.37	+30 31.8	2.125	3.038	8.3	19.4
12 27	3 37.89	+30 19.9	2.227	3.067	11.2	19.7

223877 Kutler 11 25.4 46°.63 1°.3/25.8 18

10 18	4 39.05	+22 17.9	1.705	2.498	16.8	19.7
10 28	4 33.37	+23 0.1	1.656	2.532	13.1	19.6
11 7	4 24.91	+23 37.3	1.628	2.567	8.9	19.4
11 17	4 14.50	+24 7.3	1.625	2.602	4.4	19.2
11 27	4 3.38	+24 29.1	1.651	2.637	1.5	19.1
12 7	3 52.89	+24 43.7	1.706	2.672	5.3	19.4
12 17	3 44.17	+24 53.6	1.789	2.707	9.2	19.7
12 27	3 38.03	+25 2.4	1.897	2.743	12.6	20.0

118965 2000 WA_{138} 11 25.4 257°.58 1°.1/25.9 18

10 18	4 33.93	+24 11.7	2.437	3.213	12.8	19.6
10 28	4 29.13	+24 25.1	2.328	3.195	10.2	19.4
11 7	4 22.10	+24 33.2	2.243	3.177	7.1	19.2
11 17	4 13.32	+24 35.1	2.184	3.159	3.6	18.9
11 27	4 3.57	+24 30.7	2.155	3.140	1.2	18.7
12 7	3 53.83	+24 21.1	2.156	3.121	4.4	18.9
12 17	3 45.08	+24 8.7	2.187	3.102	8.0	19.1
12 27	3 38.16	+23 56.8	2.245	3.082	11.3	19.3

229930 1997 ST_{16} 11 25.4 330°.32 7°.7/27.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 33.75	+34 5.1	1.302	2.102	20.7	19.4
10 28	4 31.48	+35 18.0	1.216	2.085	17.4	19.1
11 7	4 25.13	+36 18.2	1.148	2.070	13.5	18.9
11 17	4 15.21	+36 58.0	1.100	2.055	9.7	18.6
11 27	4 3.17	+37 10.9	1.075	2.042	7.7	18.5
12 7	3 51.12	+36 55.9	1.075	2.029	9.5	18.5
12 17	3 41.20	+36 18.2	1.097	2.017	13.5	18.7
12 27	3 35.05	+35 28.1	1.141	2.007	17.7	18.9

395816 2012 XY_{36} 11 25.4 269°.35 0°.5/25.2 18

10 18	4 33.62	+21 15.8	1.837	2.636	15.5	21.2
10 28	4 29.49	+20 58.6	1.740	2.622	12.3	20.9
11 7	4 22.63	+20 34.6	1.664	2.607	8.4	20.7
11 17	4 13.64	+20 4.5	1.614	2.593	3.9	20.4
11 27	4 3.52	+19 30.1	1.592	2.578	1.0	20.1
12 7	3 53.53	+18 55.1	1.598	2.562	5.7	20.4
12 17	3 44.87	+18 23.7	1.631	2.547	10.1	20.6
12 27	3 38.54	+18 0.1	1.690	2.532	14.1	20.9

19615 1999 OB_{3} 11 25.4 65°.04 1°.4/26.2 18

10 18	4 32.36	+27 49.9	2.085	2.867	14.5	16.9
10 28	4 27.94	+27 19.8	2.006	2.876	11.5	16.7
11 7	4 21.20	+26 38.4	1.950	2.884	8.0	16.5
11 17	4 12.80	+25 46.0	1.919	2.893	4.1	16.3
11 27	4 3.73	+24 44.9	1.917	2.902	1.4	16.1
12 7	3 55.06	+23 39.5	1.945	2.911	4.6	16.4
12 17	3 47.75	+22 35.0	2.002	2.920	8.4	16.6
12 27	3 42.52	+21 36.6	2.085	2.930	11.7	16.8

161451 2003 YM_{119} 11 25.4 50°.84 0°.9/25.7 18

10 18	4 37.98	+21 57.5	1.238	2.057	20.5	19.8
10 28	4 33.75	+22 20.2	1.180	2.072	16.1	19.6
11 7	4 25.84	+22 36.8	1.141	2.087	11.0	19.4
11 17	4 15.16	+22 45.7	1.124	2.102	5.3	19.1
11 27	4 3.29	+22 46.8	1.132	2.118	1.2	18.9
12 7	3 52.07	+22 42.6	1.167	2.135	6.6	19.3
12 17	3 43.10	+22 37.2	1.226	2.151	11.8	19.6
12 27	3 37.45	+22 35.3	1.308	2.168	16.3	19.9

117475 2005 BK_{22} 11 25.4 145°.14 0°.5/25.7 17

10 18	4 31.22	+23 20.7	2.683	3.460	11.7	21.3
10 28	4 26.55	+23 16.4	2.597	3.466	9.2	21.1
11 7	4 20.06	+23 6.7	2.534	3.471	6.3	20.9
11 17	4 12.25	+22 51.7	2.499	3.476	3.0	20.7
11 27	4 3.83	+22 32.4	2.494	3.480	0.7	20.5
12 7	3 55.62	+22 10.8	2.520	3.485	3.9	20.8
12 17	3 48.38	+21 49.1	2.575	3.489	7.0	21.0
12 27	3 42.74	+21 30.3	2.658	3.493	9.8	21.2

481036 2005 BO_{35} 11 25.4 283°.72 3°.6/27.0 17

10 18	4 34.90	+31 17.0	1.822	2.600	16.4	21.4
10 28	4 30.90	+31 24.0	1.717	2.580	13.5	21.1
11 7	4 23.84	+31 17.7	1.633	2.559	9.9	20.8
11 17	4 14.31	+30 55.3	1.572	2.539	6.0	20.6
11 27	4 3.42	+30 15.8	1.539	2.518	3.6	20.4
12 7	3 52.61	+29 21.9	1.534	2.497	6.1	20.5
12 17	3 43.29	+28 19.2	1.556	2.476	10.2	20.7
12 27	3 36.60	+27 15.6	1.603	2.456	14.2	20.9

367405 2008 QZ_{21} 11 25.4 52°.52 0°.7/25.0 17

10 18	4 30.69	+21 32.7	2.074	2.870	14.1	20.9
10 28	4 26.49	+20 53.4	2.004	2.885	11.0	20.7
11 7	4 20.14	+20 7.3	1.958	2.901	7.3	20.5
11 17	4 12.29	+19 16.4	1.938	2.916	3.4	20.3
11 27	4 3.85	+18 23.8	1.947	2.932	1.1	20.1
12 7	3 55.81	+17 33.6	1.985	2.948	4.9	20.5
12 17	3 49.05	+16 49.7	2.051	2.964	8.6	20.7
12 27	3 44.23	+16 15.2	2.144	2.981	11.7	20.9

331581 2001 SO_{13} 11 25.4 77°.13 1°.7/24.8 18

10 18	4 38.16	+18 28.4	1.521	2.327	17.9	20.9
10 28	4 32.86	+18 2.1	1.467	2.353	13.9	20.7
11 7	4 24.65	+17 31.4	1.434	2.379	9.3	20.5
11 17	4 14.42	+16 58.3	1.426	2.404	4.4	20.3
11 27	4 3.47	+16 26.0	1.445	2.429	2.1	20.2
12 7	3 53.23	+15 58.7	1.492	2.454	6.4	20.5
12 17	3 44.87	+15 39.7	1.566	2.479	10.7	20.8
12 27	3 39.19	+15 31.6	1.664	2.503	14.4	21.1

144705 2004 GE_{18} 11 25.4 253°.92 1°.4/24.9 18

10 18	4 34.38	+16 30.1	2.000	2.796	14.6	20.0
10 28	4 29.70	+16 37.0	1.912	2.792	11.5	19.7
11 7	4 22.58	+16 43.2	1.846	2.788	7.8	19.5
11 17	4 13.57	+16 49.3	1.806	2.783	3.8	19.3
11 27	4 3.60	+16 56.3	1.795	2.779	1.6	19.1
12 7	3 53.80	+17 5.6	1.813	2.775	5.4	19.3
12 17	3 45.22	+17 18.6	1.859	2.771	9.4	19.6
12 27	3 38.74	+17 37.0	1.931	2.766	12.9	19.8

286758 2002 GT_{186} 11 25.4 189°.40 5°.5/22.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 32.69	+ 8 38.0	2.025	2.822	14.4	21.8
10 28	4 28.12	+ 7 27.0	1.946	2.822	11.5	21.6
11 7	4 21.33	+ 6 17.0	1.890	2.821	8.4	21.4
11 17	4 12.91	+ 5 12.9	1.860	2.819	6.0	21.3
11 27	4 3.75	+ 4 20.1	1.859	2.817	5.8	21.3
12 7	3 54.86	+ 3 42.9	1.886	2.815	8.1	21.4
12 17	3 47.17	+ 3 23.7	1.940	2.813	11.2	21.6
12 27	3 41.42	+ 3 22.9	2.017	2.810	14.1	21.8

40973 1999 TL_{269} 11 25.4 48°.57 4°.7/27.8 18

10 18	4 34.45	+34 30.0	2.003	2.765	15.7	19.3
10 28	4 30.01	+34 50.5	1.925	2.774	12.8	19.1
11 7	4 22.86	+34 57.4	1.869	2.782	9.6	18.9
11 17	4 13.68	+34 47.6	1.836	2.791	6.5	18.7
11 27	4 3.61	+34 20.5	1.831	2.800	4.7	18.7
12 7	3 53.92	+33 38.5	1.854	2.810	6.0	18.8
12 17	3 45.77	+32 46.6	1.905	2.819	9.0	19.0
12 27	3 40.04	+31 51.3	1.981	2.829	12.1	19.2

401288 2012 DU_{44} 11 25.4 209°.32 4°.2/23.3 18

10 18	4 30.20	+ 8 56.1	2.397	3.190	12.5	21.1
10 28	4 25.88	+ 8 18.7	2.314	3.188	10.0	20.9
11 7	4 19.68	+ 7 43.4	2.253	3.186	7.2	20.7
11 17	4 12.12	+ 7 13.4	2.220	3.183	4.8	20.6
11 27	4 3.91	+ 6 51.7	2.215	3.181	4.4	20.5
12 7	3 55.88	+ 6 40.8	2.240	3.178	6.5	20.7
12 17	3 48.83	+ 6 42.1	2.293	3.175	9.3	20.8
12 27	3 43.38	+ 6 55.8	2.370	3.172	11.9	21.0

305439 2008 CH_{186} 11 25.4 318°.98 4°.9/22.9 17

10 18	4 28.00	+14 42.4	1.527	2.353	16.9	20.3
10 28	4 25.58	+13 23.3	1.428	2.325	13.5	20.0
11 7	4 20.30	+11 56.0	1.351	2.298	9.5	19.7
11 17	4 12.69	+10 25.8	1.297	2.270	5.8	19.4
11 27	4 3.78	+ 9 0.5	1.270	2.244	5.4	19.3
12 7	3 54.92	+ 7 48.3	1.269	2.218	9.0	19.5
12 17	3 47.43	+ 6 55.8	1.292	2.193	13.5	19.6
12 27	3 42.41	+ 6 26.9	1.337	2.169	17.7	19.8

413990 2007 EZ_{107} 11 25.4 117°.99 3°.8/27.5 18

10 18	4 37.08	+33 45.2	2.844	3.580	12.1	22.1
10 28	4 31.17	+34 21.3	2.766	3.598	9.9	21.9
11 7	4 23.22	+34 48.0	2.711	3.616	7.4	21.8
11 17	4 13.76	+35 2.9	2.684	3.634	5.0	21.7
11 27	4 3.63	+35 4.8	2.686	3.651	3.8	21.6
12 7	3 53.75	+34 54.6	2.718	3.667	4.8	21.7
12 17	3 44.98	+34 34.9	2.780	3.683	7.0	21.9
12 27	3 38.03	+34 9.7	2.870	3.698	9.3	22.0

422545 2014 TM_{29} 11 25.4 72°.87 0°.7/25.8 18

10 18	4 32.28	+23 8.0	2.280	3.065	13.3	21.0
10 28	4 27.71	+23 13.4	2.202	3.075	10.5	20.8
11 7	4 21.01	+23 13.4	2.146	3.085	7.1	20.6
11 17	4 12.76	+23 7.6	2.118	3.094	3.4	20.4
11 27	4 3.81	+22 56.9	2.118	3.104	0.8	20.2
12 7	3 55.14	+22 43.1	2.148	3.114	4.3	20.5
12 17	3 47.63	+22 28.7	2.208	3.124	7.8	20.7
12 27	3 41.99	+22 16.8	2.293	3.134	10.9	21.0

370484 2003 QX_{39} 11 25.4 71°.57 4°.0/26.9 18

10 18	4 41.57	+30 17.0	1.309	2.104	20.8	20.9
10 28	4 36.49	+30 37.6	1.255	2.127	16.7	20.7
11 7	4 27.60	+30 42.8	1.218	2.150	12.0	20.5
11 17	4 15.95	+30 29.3	1.204	2.173	7.0	20.3
11 27	4 3.24	+29 56.7	1.216	2.196	4.0	20.2
12 7	3 51.42	+29 9.8	1.254	2.218	6.9	20.4
12 17	3 42.06	+28 16.4	1.318	2.241	11.4	20.8
12 27	3 36.15	+27 25.1	1.405	2.263	15.5	21.1

84346 2002 TQ_{71} 11 25.4 353°.92 8°.5/28.2 18

10 18	4 33.87	+37 10.5	1.430	2.213	20.0	19.2
10 28	4 31.21	+38 26.7	1.353	2.207	16.9	19.0
11 7	4 24.67	+39 27.4	1.293	2.202	13.5	18.8
11 17	4 14.91	+40 5.1	1.255	2.198	10.2	18.6
11 27	4 3.38	+40 14.0	1.240	2.196	8.5	18.5
12 7	3 52.07	+39 54.0	1.249	2.194	9.6	18.5
12 17	3 42.88	+39 10.9	1.282	2.194	12.7	18.7
12 27	3 37.21	+38 14.5	1.337	2.195	16.1	18.9

519491 2012 DO_{103} 11 25.4 256°.81 1°.3/24.8 17

10 18	4 31.35	+17 56.0	2.224	3.018	13.3	22.3
10 28	4 27.07	+17 40.7	2.134	3.014	10.4	22.1
11 7	4 20.65	+17 22.3	2.067	3.009	7.1	21.9
11 17	4 12.63	+17 2.1	2.027	3.005	3.4	21.7
11 27	4 3.83	+16 42.0	2.016	3.000	1.6	21.5
12 7	3 55.21	+16 24.4	2.034	2.995	5.0	21.7
12 17	3 47.68	+16 11.8	2.081	2.991	8.6	22.0
12 27	3 41.98	+16 6.5	2.153	2.986	11.8	22.2

320776 2008 EY_{120} 11 25.4 146°.14 2°.5/24.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 37.32	+15 41.2	1.974	2.764	14.9	21.9
10 28	4 31.74	+15 7.6	1.899	2.776	11.7	21.7
11 7	4 23.76	+14 31.6	1.847	2.787	7.9	21.5
11 17	4 14.04	+13 55.4	1.822	2.797	4.1	21.3
11 27	4 3.59	+13 22.4	1.826	2.807	2.8	21.2
12 7	3 53.53	+12 55.7	1.861	2.816	6.1	21.5
12 17	3 44.86	+12 38.2	1.923	2.824	9.8	21.7
12 27	3 38.36	+12 31.7	2.011	2.831	13.1	21.9

436488 2011 EM_{35} 11 25.4 195°.45 1°.6/24.8 18

10 18	4 36.19	+18 9.6	1.919	2.712	15.2	22.3
10 28	4 31.18	+17 46.0	1.831	2.711	11.9	22.1
11 7	4 23.60	+17 18.2	1.766	2.708	8.1	21.9
11 17	4 14.06	+16 47.5	1.727	2.705	3.9	21.6
11 27	4 3.59	+16 16.6	1.717	2.701	1.9	21.5
12 7	3 53.36	+15 48.9	1.736	2.697	5.8	21.7
12 17	3 44.50	+15 27.7	1.784	2.692	9.9	22.0
12 27	3 37.87	+15 15.9	1.856	2.687	13.5	22.2

340913 2007 DH_{64} 11 25.4 138°.27 4°.3/23.6 18

10 18	4 35.57	+11 2.9	1.905	2.701	15.2	21.8
10 28	4 30.43	+10 19.3	1.834	2.712	12.0	21.6
11 7	4 22.90	+ 9 36.7	1.786	2.722	8.4	21.4
11 17	4 13.66	+ 8 58.8	1.763	2.732	5.2	21.2
11 27	4 3.68	+ 8 29.5	1.770	2.740	4.6	21.2
12 7	3 54.09	+ 8 11.9	1.805	2.749	7.2	21.4
12 17	3 45.86	+ 8 8.1	1.867	2.757	10.6	21.6
12 27	3 39.78	+ 8 18.4	1.954	2.764	13.8	21.9

511745 2015 DH_{120} 11 25.4 109°.14 0°.0/25.4 18

10 18	4 39.82	+20 12.0	1.606	2.403	17.5	21.5
10 28	4 34.41	+20 27.3	1.536	2.416	13.7	21.2
11 7	4 25.95	+20 38.9	1.488	2.430	9.3	21.0
11 17	4 15.19	+20 45.8	1.464	2.442	4.4	20.8
11 27	4 3.40	+20 48.4	1.468	2.455	0.8	20.5
12 7	3 52.07	+20 48.5	1.501	2.467	5.8	20.9
12 17	3 42.52	+20 48.9	1.561	2.478	10.4	21.2
12 27	3 35.73	+20 53.0	1.646	2.490	14.3	21.5

89639 2001 XD_{219} 11 25.4 137°.18 0°.5/25.7 18

10 18	4 37.49	+23 16.6	1.924	2.709	15.4	20.2
10 28	4 32.13	+23 10.3	1.847	2.720	12.1	20.0
11 7	4 24.16	+22 56.9	1.792	2.730	8.3	19.8
11 17	4 14.29	+22 36.2	1.763	2.740	4.0	19.6
11 27	4 3.57	+22 9.5	1.763	2.749	0.8	19.4
12 7	3 53.25	+21 39.7	1.793	2.758	5.1	19.7
12 17	3 44.41	+21 10.8	1.851	2.766	9.2	20.0
12 27	3 37.91	+20 46.9	1.934	2.774	12.7	20.2

26356 Aventini 11 25.4 84°.95 5°.4/24.0 18

10 18	4 37.21	+ 5 0.0	1.945	2.731	15.3	17.7
10 28	4 31.49	+ 4 49.7	1.886	2.753	12.2	17.5
11 7	4 23.48	+ 4 47.0	1.849	2.775	9.0	17.4
11 17	4 13.88	+ 4 54.8	1.838	2.796	6.2	17.2
11 27	4 3.66	+ 5 15.2	1.855	2.817	5.5	17.2
12 7	3 53.89	+ 5 48.6	1.902	2.838	7.6	17.4
12 17	3 45.52	+ 6 34.1	1.976	2.858	10.5	17.6
12 27	3 39.25	+ 7 30.2	2.075	2.879	13.3	17.9

277274 2005 SD_{63} 11 25.4 0°.24 5°.6/23.2 18

10 18	4 30.90	+12 40.2	1.322	2.154	18.7	20.2
10 28	4 27.91	+11 28.6	1.254	2.152	14.9	20.0
11 7	4 21.80	+10 14.6	1.205	2.151	10.5	19.7
11 17	4 13.32	+ 9 4.6	1.179	2.151	6.6	19.5
11 27	4 3.75	+ 8 6.1	1.179	2.151	6.0	19.5
12 7	3 54.60	+ 7 25.6	1.204	2.152	9.4	19.7
12 17	3 47.20	+ 7 6.9	1.252	2.154	13.8	19.9
12 27	3 42.56	+ 7 10.7	1.321	2.156	17.7	20.2

144473 2004 ED_{56} 11 25.4 354°.05 2°.4/24.3 18

10 18	4 29.81	+18 47.9	1.601	2.419	16.6	19.1
10 28	4 26.63	+17 54.3	1.523	2.416	13.0	18.9
11 7	4 20.72	+16 53.3	1.466	2.413	8.8	18.6
11 17	4 12.76	+15 48.3	1.433	2.412	4.4	18.4
11 27	4 3.85	+14 44.3	1.427	2.410	2.7	18.3
12 7	3 55.29	+13 47.3	1.449	2.409	6.7	18.5
12 17	3 48.22	+13 2.5	1.497	2.409	11.1	18.8
12 27	3 43.56	+12 33.2	1.568	2.410	15.0	19.0

496292 2013 AF_{55} 11 25.5 134°.59 3°.1/24.4 18

10 18	4 35.73	+11 38.8	2.102	2.892	14.1	21.0
10 28	4 30.41	+11 33.0	2.025	2.900	11.1	20.8
11 7	4 22.85	+11 29.4	1.972	2.909	7.7	20.6
11 17	4 13.65	+11 29.8	1.945	2.917	4.4	20.5
11 27	4 3.70	+11 35.8	1.947	2.925	3.3	20.4
12 7	3 54.04	+11 48.9	1.980	2.932	6.0	20.6
12 17	3 45.61	+12 9.9	2.040	2.939	9.4	20.8
12 27	3 39.15	+12 39.1	2.127	2.946	12.5	21.0

169811 2002 QU_{31} 11 25.5 9°.02 10°.2/21.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 31.02	− 2 6.4	1.606	2.407	17.4	19.6
10 28	4 27.33	− 3 17.3	1.544	2.407	14.7	19.4
11 7	4 21.06	− 4 15.6	1.502	2.408	12.1	19.2
11 17	4 12.88	− 4 53.8	1.483	2.410	10.4	19.1
11 27	4 3.85	− 5 5.6	1.488	2.412	10.4	19.1
12 7	3 55.17	− 4 48.6	1.517	2.415	12.2	19.3
12 17	3 47.93	− 4 3.7	1.569	2.418	14.7	19.4
12 27	3 42.97	− 2 55.0	1.642	2.422	17.3	19.6

113761 2002 TH_{172} 11 25.5 148°.60 3°.2/27.2 18

10 18	4 34.86	+32 2.3	2.907	3.651	11.7	19.9
10 28	4 29.46	+32 32.6	2.819	3.659	9.5	19.8
11 7	4 22.10	+32 54.6	2.754	3.666	7.0	19.6
11 17	4 13.29	+33 6.3	2.716	3.673	4.6	19.5
11 27	4 3.77	+33 6.8	2.709	3.679	3.2	19.4
12 7	3 54.43	+32 57.0	2.731	3.685	4.5	19.5
12 17	3 46.08	+32 39.1	2.784	3.691	6.8	19.7
12 27	3 39.42	+32 16.7	2.864	3.696	9.2	19.8

251137 2006 TO_{37} 11 25.5 113°.23 0°.3/25.3 18

10 18	4 33.38	+21 51.7	2.073	2.864	14.3	20.6
10 28	4 28.71	+21 29.8	1.995	2.873	11.2	20.4
11 7	4 21.76	+21 1.4	1.940	2.881	7.5	20.2
11 17	4 13.14	+20 27.5	1.911	2.889	3.5	19.9
11 27	4 3.81	+19 50.4	1.911	2.898	0.8	19.7
12 7	3 54.82	+19 13.2	1.941	2.906	4.9	20.1
12 17	3 47.12	+18 39.8	1.999	2.913	8.7	20.3
12 27	3 41.47	+18 13.4	2.083	2.921	12.0	20.5

195733 2002 PB_{90} 11 25.5 46°.89 3°.0/23.6 18

10 18	4 29.43	+15 47.5	2.181	2.983	13.3	19.6
10 28	4 25.42	+14 41.1	2.106	2.989	10.4	19.5
11 7	4 19.42	+13 30.8	2.053	2.995	7.1	19.3
11 17	4 12.02	+12 20.4	2.028	3.002	4.0	19.1
11 27	4 4.02	+11 14.2	2.032	3.009	3.3	19.1
12 7	3 56.34	+10 16.9	2.066	3.016	6.0	19.2
12 17	3 49.78	+ 9 31.9	2.127	3.023	9.2	19.5
12 27	3 44.99	+ 9 1.3	2.214	3.030	12.2	19.7

11965 Catullus 11 25.5 164°.75 4°.1/27.9 18

10 18	4 36.45	+35 47.7	2.796	3.527	12.4	19.7
10 28	4 30.85	+36 11.0	2.706	3.533	10.2	19.6
11 7	4 23.10	+36 23.4	2.638	3.537	7.8	19.4
11 17	4 13.77	+36 22.4	2.596	3.542	5.5	19.3
11 27	4 3.69	+36 6.9	2.583	3.545	4.2	19.2
12 7	3 53.84	+35 38.4	2.601	3.549	5.1	19.3
12 17	3 45.12	+34 59.9	2.648	3.551	7.3	19.4
12 27	3 38.26	+34 16.0	2.723	3.554	9.7	19.6

447522 2006 SH_{125} 11 25.5 75°.69 1°.7/24.6 18

10 18	4 32.33	+18 44.2	1.878	2.680	15.1	21.1
10 28	4 28.13	+18 7.9	1.800	2.684	11.8	20.9
11 7	4 21.49	+17 26.4	1.744	2.688	8.0	20.7
11 17	4 13.06	+16 41.7	1.714	2.692	3.9	20.5
11 27	4 3.84	+15 57.4	1.712	2.696	2.0	20.4
12 7	3 54.95	+15 17.5	1.739	2.700	5.8	20.6
12 17	3 47.41	+14 45.7	1.794	2.704	9.7	20.9
12 27	3 42.03	+14 25.1	1.873	2.708	13.2	21.1

88817 2001 SV_{151} 11 25.5 114°.10 0°.9/25.8 18

10 18	4 39.25	+24 20.6	1.865	2.648	16.0	20.6
10 28	4 33.49	+24 17.1	1.797	2.667	12.5	20.4
11 7	4 25.05	+24 5.6	1.750	2.686	8.6	20.2
11 17	4 14.69	+23 45.5	1.729	2.705	4.2	20.0
11 27	4 3.55	+23 18.2	1.737	2.723	1.1	19.8
12 7	3 52.93	+22 46.7	1.774	2.740	5.1	20.2
12 17	3 43.94	+22 15.3	1.841	2.756	9.2	20.4
12 27	3 37.40	+21 48.3	1.932	2.772	12.7	20.7

264353 1999 YR_{7} 11 25.5 181°.54 2°.5/24.7 18

10 18	4 37.44	+14 51.0	1.700	2.501	16.5	20.7
10 28	4 32.46	+14 41.8	1.619	2.501	13.0	20.5
11 7	4 24.63	+14 32.2	1.560	2.502	8.9	20.3
11 17	4 14.62	+14 23.9	1.525	2.502	4.6	20.0
11 27	4 3.55	+14 19.1	1.519	2.501	2.8	19.9
12 7	3 52.75	+14 19.9	1.542	2.501	6.6	20.1
12 17	3 43.47	+14 28.5	1.591	2.499	10.9	20.4
12 27	3 36.68	+14 46.4	1.665	2.498	14.7	20.6

358257 2006 TW_{34} 11 25.5 206°.02 1°.5/26.1 18

10 18	4 34.32	+25 29.7	2.083	2.866	14.5	21.6
10 28	4 29.70	+25 38.4	1.995	2.865	11.5	21.4
11 7	4 22.61	+25 39.6	1.928	2.863	8.0	21.2
11 17	4 13.63	+25 32.4	1.887	2.862	4.1	20.9
11 27	4 3.73	+25 17.0	1.875	2.860	1.6	20.8
12 7	3 54.04	+24 55.5	1.893	2.858	4.8	21.0
12 17	3 45.63	+24 31.2	1.938	2.856	8.7	21.2
12 27	3 39.37	+24 8.2	2.010	2.854	12.1	21.4

518294 2017 BF_4 11 25.5 56.°76 3.°4/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 32.41	+12 54.2	1.840	2.646	15.3	21.2
10 28	4 28.16	+12 26.6	1.768	2.653	12.0	21.0
11 7	4 21.50	+11 59.5	1.718	2.659	8.3	20.8
11 17	4 13.07	+11 35.5	1.692	2.666	4.7	20.6
11 27	4 3.85	+11 17.8	1.695	2.672	3.7	20.5
12 7	3 54.96	+11 9.3	1.726	2.679	6.6	20.7
12 17	3 47.42	+11 11.7	1.784	2.686	10.3	21.0
12 27	3 42.00	+11 25.9	1.866	2.693	13.6	21.2

371466 2006 SN_{406} 11 25.5 54.°88 4.°3/26.6 18

10 18	4 40.84	+27 53.6	1.251	2.056	21.1	20.6
10 28	4 36.27	+28 49.4	1.195	2.074	16.9	20.4
11 7	4 27.74	+29 34.5	1.156	2.092	12.1	20.1
11 17	4 16.18	+30 3.5	1.140	2.110	7.1	19.9
11 27	4 3.29	+30 13.7	1.149	2.129	4.3	19.8
12 7	3 51.09	+30 6.7	1.184	2.147	7.3	20.1
12 17	3 41.34	+29 48.2	1.243	2.167	11.9	20.4
12 27	3 35.18	+29 26.2	1.325	2.186	16.1	20.7

75373 1999 XY_{83} 11 25.5 323.°07 0.°5/25.3 18

10 18	4 30.61	+21 34.7	1.534	2.350	17.3	19.7
10 28	4 27.70	+21 15.4	1.443	2.335	13.7	19.4
11 7	4 21.76	+20 47.9	1.373	2.321	9.4	19.1
11 17	4 13.40	+20 13.1	1.327	2.307	4.4	18.8
11 27	4 3.77	+19 33.5	1.307	2.293	1.1	18.5
12 7	3 54.30	+18 53.7	1.314	2.280	6.3	18.9
12 17	3 46.37	+18 18.8	1.346	2.268	11.3	19.1
12 27	3 41.08	+17 53.7	1.401	2.257	15.7	19.4

91223 1999 AK_{20} 11 25.5 226.°53 1.°1/25.0 18

10 18	4 35.57	+19 9.4	1.898	2.693	15.3	20.6
10 28	4 30.85	+18 54.7	1.805	2.685	12.0	20.4
11 7	4 23.50	+18 35.4	1.735	2.677	8.2	20.1
11 17	4 14.10	+18 12.4	1.690	2.668	3.9	19.8
11 27	4 3.66	+17 47.8	1.674	2.659	1.4	19.6
12 7	3 53.39	+17 24.5	1.687	2.649	5.7	19.9
12 17	3 44.45	+17 5.9	1.728	2.639	9.9	20.1
12 27	3 37.77	+16 55.3	1.793	2.629	13.7	20.4

369538 2011 AL_2 11 25.5 232.°58 1.°1/26.0 18

10 18	4 32.49	+24 55.2	2.530	3.306	12.4	21.6
10 28	4 27.86	+24 59.5	2.432	3.298	9.8	21.4
11 7	4 21.17	+24 57.8	2.356	3.290	6.8	21.2
11 17	4 12.92	+24 49.2	2.308	3.282	3.5	20.9
11 27	4 3.89	+24 34.4	2.289	3.274	1.2	20.7
12 7	3 54.98	+24 14.9	2.300	3.265	4.1	21.0
12 17	3 47.07	+23 53.3	2.341	3.257	7.5	21.2
12 27	3 40.89	+23 33.1	2.409	3.248	10.5	21.3

511759 2015 DG_{204} 11 25.5 156.°56 0.°1/25.5 18

10 18	4 37.35	+23 35.9	1.703	2.497	16.8	21.5
10 28	4 32.41	+23 11.2	1.623	2.502	13.2	21.3
11 7	4 24.58	+22 37.1	1.565	2.506	9.0	21.1
11 17	4 14.57	+21 53.9	1.532	2.510	4.3	20.8
11 27	4 3.60	+21 4.4	1.528	2.514	0.8	20.6
12 7	3 53.04	+20 13.0	1.552	2.517	5.7	20.9
12 17	3 44.15	+19 25.3	1.603	2.520	10.2	21.2
12 27	3 37.84	+18 46.3	1.679	2.522	14.1	21.4

101838 1999 JT_{62} 11 25.5 96.°63 3.°6/24.6 18

10 18	4 38.33	+10 39.6	1.762	2.558	16.2	19.8
10 28	4 32.79	+10 40.8	1.696	2.573	12.8	19.7
11 7	4 24.62	+10 46.1	1.651	2.588	8.9	19.5
11 17	4 14.53	+10 57.1	1.632	2.603	5.1	19.3
11 27	4 3.62	+11 15.5	1.641	2.618	3.8	19.2
12 7	3 53.14	+11 41.9	1.679	2.633	6.8	19.4
12 17	3 44.18	+12 16.7	1.745	2.647	10.5	19.7
12 27	3 37.60	+12 59.4	1.836	2.660	13.9	19.9

220841 2004 VB_2 11 25.5 32.°89 3.°6/27.1 18

10 18	4 33.22	+30 29.7	1.715	2.503	16.9	19.6
10 28	4 29.29	+30 47.2	1.649	2.518	13.6	19.4
11 7	4 22.50	+30 52.1	1.604	2.533	9.8	19.2
11 17	4 13.60	+30 42.4	1.582	2.549	5.9	19.0
11 27	4 3.80	+30 18.0	1.587	2.565	3.6	18.9
12 7	3 54.49	+29 42.0	1.619	2.583	5.8	19.1
12 17	3 46.87	+28 59.6	1.678	2.600	9.5	19.3
12 27	3 41.82	+28 17.0	1.762	2.618	12.9	19.6

299603 2006 HR_{73} 11 25.5 103.°04 3.°6/23.6 15

10 18	4 34.09	+14 11.9	1.945	2.744	14.8	21.6
10 28	4 29.16	+13 7.8	1.880	2.761	11.6	21.4
11 7	4 21.98	+12 1.5	1.838	2.778	8.0	21.2
11 17	4 13.23	+10 57.2	1.823	2.795	4.6	21.0
11 27	4 3.88	+ 9 59.5	1.837	2.811	3.9	21.0
12 7	3 54.99	+ 9 12.8	1.879	2.827	6.7	21.2
12 17	3 47.47	+ 8 40.3	1.950	2.842	10.1	21.5
12 27	3 42.00	+ 8 23.3	2.045	2.857	13.2	21.7

65054 2002 AF_{169} 11 25.5 85.°59 5.°0/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 37.93	+ 7 59.3	1.645	2.444	17.0	18.8
10 28	4 32.59	+ 7 48.5	1.583	2.460	13.5	18.6
11 7	4 24.52	+ 7 43.8	1.542	2.476	9.7	18.4
11 17	4 14.50	+ 7 48.3	1.526	2.492	6.1	18.3
11 27	4 3.65	+ 8 4.3	1.537	2.508	5.2	18.3
12 7	3 53.29	+ 8 32.7	1.577	2.524	7.8	18.5
12 17	3 44.55	+ 9 13.3	1.643	2.539	11.5	18.7
12 27	3 38.27	+10 4.6	1.734	2.554	14.8	19.0

228680 2002 KX_{15} 11 25.5 99.°84 1.°5/24.6 18

10 18	4 31.23	+19 4.7	2.382	3.172	12.7	21.2
10 28	4 26.64	+18 19.4	2.307	3.185	9.9	21.1
11 7	4 20.17	+17 29.2	2.256	3.198	6.6	20.9
11 17	4 12.37	+16 36.4	2.233	3.211	3.2	20.7
11 27	4 4.05	+15 44.1	2.240	3.223	1.7	20.6
12 7	3 56.06	+14 55.9	2.277	3.236	4.8	20.8
12 17	3 49.16	+14 15.0	2.343	3.248	8.0	21.1
12 27	3 43.98	+13 44.0	2.435	3.260	10.9	21.3

26263 1998 RC_{16} 11 25.5 83.°66 0.°4/25.6 18

10 18	4 38.87	+21 36.9	1.515	2.317	18.1	19.1
10 28	4 33.81	+21 46.7	1.451	2.334	14.2	18.9
11 7	4 25.61	+21 50.8	1.408	2.350	9.7	18.6
11 17	4 15.08	+21 48.4	1.388	2.366	4.6	18.4
11 27	4 3.55	+21 40.2	1.396	2.382	0.8	18.1
12 7	3 52.59	+21 28.9	1.432	2.398	5.9	18.5
12 17	3 43.51	+21 18.2	1.494	2.414	10.6	18.9
12 27	3 37.28	+21 12.1	1.581	2.429	14.6	19.1

158118 2001 CL_{15} 11 25.5 252.°78 0.°1/25.5 18

10 18	4 32.08	+21 43.2	2.470	3.253	12.5	21.1
10 28	4 27.59	+21 39.2	2.367	3.240	9.8	20.9
11 7	4 21.03	+21 30.5	2.288	3.227	6.7	20.6
11 17	4 12.89	+21 17.1	2.236	3.213	3.2	20.4
11 27	4 3.93	+21 0.0	2.213	3.199	0.6	20.2
12 7	3 55.06	+20 41.2	2.221	3.185	4.3	20.4
12 17	3 47.16	+20 23.3	2.258	3.171	7.9	20.6
12 27	3 40.97	+20 9.0	2.321	3.156	11.0	20.8

270433 2002 CX_{90} 11 25.5 271.°05 5.°4/23.7 17

10 18	4 34.98	+10 57.7	1.398	2.217	18.5	20.6
10 28	4 31.10	+10 12.6	1.321	2.211	14.8	20.4
11 7	4 24.04	+ 9 28.5	1.264	2.206	10.6	20.1
11 17	4 14.47	+ 8 50.2	1.229	2.200	6.6	19.9
11 27	4 3.65	+ 8 23.5	1.221	2.194	5.8	19.8
12 7	3 53.11	+ 8 12.8	1.239	2.188	9.2	20.0
12 17	3 44.28	+ 8 20.4	1.281	2.182	13.6	20.2
12 27	3 38.26	+ 8 46.4	1.344	2.176	17.6	20.5

515035 2009 WE_{28} 11 25.5 357.°26 0.°9/25.7 18

10 18	4 31.73	+21 59.8	1.168	2.002	20.5	20.9
10 28	4 29.41	+22 19.1	1.097	1.998	16.3	20.6
11 7	4 23.35	+22 32.1	1.045	1.995	11.2	20.3
11 17	4 14.29	+22 37.8	1.013	1.993	5.4	20.0
11 27	4 3.68	+22 36.2	1.006	1.992	1.2	19.7
12 7	3 53.41	+22 29.9	1.023	1.993	7.0	20.1
12 17	3 45.23	+22 23.1	1.064	1.995	12.6	20.4
12 27	3 40.40	+22 20.9	1.126	1.998	17.4	20.7

327523 2006 BS_{108} 11 25.5 184.°67 0.°0/25.4 17

10 18	4 31.71	+21 39.4	2.721	3.500	11.6	22.3
10 28	4 26.97	+21 32.1	2.630	3.500	9.1	22.1
11 7	4 20.42	+21 20.3	2.562	3.499	6.1	21.9
11 17	4 12.54	+21 4.4	2.521	3.499	2.9	21.7
11 27	4 4.02	+20 45.4	2.511	3.498	0.5	21.5
12 7	3 55.68	+20 25.2	2.532	3.496	3.9	21.8
12 17	3 48.26	+20 6.2	2.583	3.495	7.1	22.0
12 27	3 42.39	+19 50.7	2.661	3.493	9.9	22.2

522024 2015 XZ_{404} 11 25.5 339.°25 3.°6/24.2 17

10 18	4 31.17	+10 35.8	2.025	2.827	14.2	21.1
10 28	4 27.12	+10 25.4	1.941	2.822	11.3	20.9
11 7	4 20.82	+10 17.9	1.879	2.817	7.9	20.7
11 17	4 12.82	+10 15.7	1.842	2.813	4.7	20.5
11 27	4 3.97	+10 21.0	1.834	2.809	3.8	20.4
12 7	3 55.30	+10 35.4	1.854	2.805	6.5	20.6
12 17	3 47.76	+10 59.7	1.902	2.802	9.9	20.8
12 27	3 42.14	+11 34.0	1.974	2.799	13.1	21.0

358348 2006 WQ_{48} 11 25.5 63.°79 0.°6/25.7 18

10 18	4 34.74	+22 4.4	1.899	2.693	15.3	21.1
10 28	4 30.12	+22 19.1	1.823	2.701	12.0	20.9
11 7	4 22.93	+22 28.8	1.769	2.709	8.2	20.7
11 17	4 13.82	+22 33.0	1.740	2.717	3.9	20.4
11 27	4 3.81	+22 32.0	1.739	2.726	0.8	20.2
12 7	3 54.10	+22 27.4	1.768	2.734	5.0	20.5
12 17	3 45.81	+22 21.9	1.824	2.743	9.1	20.8
12 27	3 39.78	+22 18.8	1.906	2.751	12.6	21.0

10167 Yoshiwatiso 11 25.5 147°.58 1°.1/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 37.82	+24 26.7	1.975	2.756	15.2	18.4
10 28	4 32.44	+24 31.0	1.895	2.765	12.0	18.2
11 7	4 24.45	+24 28.0	1.837	2.773	8.3	18.0
11 17	4 14.51	+24 16.8	1.804	2.780	4.1	17.8
11 27	4 3.69	+23 58.0	1.801	2.787	1.2	17.6
12 7	3 53.20	+23 34.1	1.827	2.793	5.0	17.9
12 17	3 44.16	+23 8.7	1.882	2.798	9.0	18.1
12 27	3 37.44	+22 46.1	1.963	2.804	12.5	18.3

173240 1999 GA_{11} 11 25.5 216°.57 0°.2/25.5 18

10 18	4 38.96	+22 13.8	1.794	2.583	16.3	21.9
10 28	4 33.79	+22 8.8	1.700	2.575	12.9	21.7
11 7	4 25.68	+21 57.2	1.627	2.567	8.8	21.4
11 17	4 15.23	+21 38.3	1.580	2.557	4.2	21.1
11 27	4 3.55	+21 13.4	1.561	2.547	0.8	20.8
12 7	3 52.04	+20 45.3	1.571	2.536	5.7	21.2
12 17	3 42.03	+20 18.2	1.609	2.524	10.3	21.4
12 27	3 34.56	+19 56.8	1.672	2.512	14.4	21.6

369921 2013 EN_{34} 11 25.5 112°.33 1°.5/24.8 18

10 18	4 33.42	+17 11.9	2.078	2.873	14.1	21.2
10 28	4 28.75	+16 59.8	2.000	2.880	11.0	21.0
11 7	4 21.83	+16 45.4	1.945	2.887	7.5	20.8
11 17	4 13.26	+16 29.8	1.916	2.894	3.6	20.6
11 27	4 3.94	+16 15.1	1.916	2.900	1.8	20.4
12 7	3 54.90	+16 3.6	1.946	2.907	5.2	20.7
12 17	3 47.09	+15 57.4	2.004	2.913	8.9	20.9
12 27	3 41.27	+15 58.6	2.087	2.919	12.2	21.2

15295 Tante Riek 11 25.5 263°.51 0°.4/25.6 18

10 18	4 37.34	+20 48.6	1.594	2.396	17.4	18.6
10 28	4 32.90	+21 8.8	1.507	2.389	13.8	18.4
11 7	4 25.29	+21 25.5	1.440	2.383	9.5	18.1
11 17	4 15.12	+21 37.5	1.398	2.376	4.5	17.8
11 27	4 3.58	+21 44.5	1.383	2.369	0.8	17.5
12 7	3 52.19	+21 47.9	1.396	2.362	6.0	17.9
12 17	3 42.41	+21 50.4	1.436	2.356	10.9	18.1
12 27	3 35.40	+21 55.7	1.499	2.349	15.2	18.4

19175 Peterpiot 11 25.5 333°.24 2°.1/26.3 18

10 18	4 34.98	+26 38.3	1.663	2.459	17.1	18.4
10 28	4 30.92	+26 47.1	1.580	2.457	13.7	18.1
11 7	4 23.82	+26 46.0	1.518	2.455	9.6	17.9
11 17	4 14.37	+26 33.4	1.479	2.453	5.1	17.6
11 27	4 3.74	+26 9.5	1.468	2.452	2.2	17.4
12 7	3 53.41	+25 37.1	1.484	2.450	5.7	17.7
12 17	3 44.71	+25 1.2	1.527	2.449	10.2	17.9
12 27	3 38.68	+24 27.6	1.594	2.448	14.2	18.2

103454 2000 AE_{196} 11 25.5 284°.36 0°.4/25.7 18

10 18	4 32.85	+25 23.4	1.857	2.651	15.6	19.9
10 28	4 28.94	+24 47.2	1.758	2.635	12.4	19.7
11 7	4 22.33	+23 58.9	1.680	2.620	8.6	19.4
11 17	4 13.63	+22 59.1	1.627	2.605	4.1	19.1
11 27	4 3.88	+21 50.5	1.603	2.589	0.8	18.8
12 7	3 54.31	+20 38.2	1.608	2.574	5.4	19.1
12 17	3 46.12	+19 28.6	1.640	2.559	9.9	19.4
12 27	3 40.26	+18 27.8	1.698	2.544	13.9	19.6

189898 2003 SO_{54} 11 25.5 120°.19 0°.8/25.0 18

10 18	4 31.03	+20 47.4	2.397	3.185	12.7	20.3
10 28	4 26.60	+20 12.9	2.315	3.191	9.9	20.1
11 7	4 20.23	+19 32.6	2.256	3.197	6.6	19.9
11 17	4 12.47	+18 48.2	2.225	3.203	3.1	19.7
11 27	4 4.11	+18 2.3	2.223	3.209	1.1	19.5
12 7	3 56.04	+17 18.0	2.252	3.214	4.5	19.8
12 17	3 49.03	+16 38.8	2.310	3.220	7.9	20.0
12 27	3 43.74	+16 7.5	2.394	3.225	10.9	20.2

351108 2003 UL_{334} 11 25.5 101°.57 0°.8/25.1 16

10 18	4 35.78	+20 37.5	1.872	2.666	15.5	21.9
10 28	4 30.75	+20 14.3	1.803	2.682	12.1	21.8
11 7	4 23.22	+19 45.3	1.756	2.698	8.1	21.5
11 17	4 13.90	+19 11.6	1.735	2.714	3.8	21.3
11 27	4 3.87	+18 35.9	1.743	2.729	1.1	21.2
12 7	3 54.29	+18 1.7	1.780	2.744	5.3	21.5
12 17	3 46.19	+17 32.8	1.845	2.758	9.3	21.8
12 27	3 40.36	+17 12.2	1.935	2.772	12.8	22.0

499896 2011 FN_{147} 11 25.5 282°.36 9°.9/19.3 17

10 18	4 35.18	+14 12.3	1.080	1.919	21.6	20.7
10 28	4 32.13	+10 50.5	1.002	1.904	17.3	20.4
11 7	4 25.21	+ 7 6.4	0.945	1.890	12.9	20.1
11 17	4 15.18	+ 3 16.2	0.913	1.875	10.0	19.9
11 27	4 3.61	− 0 17.5	0.907	1.861	11.2	19.9
12 7	3 52.43	− 3 13.2	0.926	1.846	15.5	20.1
12 17	3 43.40	− 5 18.0	0.967	1.832	20.3	20.3
12 27	3 37.79	− 6 29.8	1.024	1.818	24.6	20.6

123574 2000 XJ_{37} 11 25.5 81°.96 6°.9/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 40.81	+40 28.0	1.725	2.468	18.5	19.2
10 28	4 35.57	+40 44.9	1.656	2.484	15.6	19.0
11 7	4 26.89	+40 41.1	1.605	2.500	12.2	18.9
11 17	4 15.71	+40 11.8	1.578	2.516	9.0	18.7
11 27	4 3.55	+39 15.8	1.576	2.532	7.0	18.6
12 7	3 52.14	+37 57.2	1.601	2.548	7.8	18.7
12 17	3 42.89	+36 24.5	1.654	2.563	10.5	18.9
12 27	3 36.77	+34 47.9	1.731	2.579	13.5	19.1

15472 1999 BR_5 11 25.5 246°.67 0°.6/25.2 18

10 18	4 30.37	+20 2.4	2.665	3.450	11.6	19.5
10 28	4 26.05	+19 48.0	2.566	3.440	9.1	19.3
11 7	4 19.89	+19 29.7	2.490	3.430	6.2	19.1
11 17	4 12.36	+19 8.1	2.442	3.420	2.9	18.9
11 27	4 4.14	+18 44.8	2.423	3.409	0.9	18.7
12 7	3 56.04	+18 21.8	2.435	3.398	4.1	19.0
12 17	3 48.81	+18 1.6	2.477	3.387	7.4	19.2
12 27	3 43.13	+17 46.5	2.545	3.376	10.3	19.3

387901 2004 VA_{79} 11 25.5 353°.26 0°.8/25.8 18

10 18	4 28.11	+22 29.8	2.146	2.945	13.6	19.9
10 28	4 24.83	+22 46.4	2.057	2.937	10.7	19.7
11 7	4 19.36	+22 58.7	1.990	2.931	7.4	19.5
11 17	4 12.19	+23 6.1	1.948	2.926	3.6	19.2
11 27	4 4.17	+23 9.0	1.935	2.921	0.9	19.0
12 7	3 56.27	+23 8.7	1.951	2.917	4.5	19.3
12 17	3 49.46	+23 7.1	1.994	2.915	8.3	19.5
12 27	3 44.52	+23 7.0	2.062	2.913	11.6	19.7

353108 2009 FV_1 11 25.5 247°.29 1°.3/25.9 17

10 18	4 37.70	+23 2.1	2.215	2.991	13.9	21.3
10 28	4 32.43	+23 32.5	2.109	2.976	11.1	21.1
11 7	4 24.61	+23 59.4	2.026	2.960	7.7	20.8
11 17	4 14.74	+24 21.2	1.969	2.944	3.9	20.6
11 27	4 3.71	+24 36.6	1.942	2.927	1.3	20.4
12 7	3 52.63	+24 46.1	1.946	2.910	4.8	20.6
12 17	3 42.66	+24 51.5	1.979	2.893	8.8	20.8
12 27	3 34.76	+24 55.8	2.038	2.875	12.3	21.0

210622 2000 EB_{18} 11 25.5 355°.99 12°.1/29.7 18

10 18	4 45.58	+48 4.6	1.827	2.525	19.1	19.6
10 28	4 40.80	+50 1.6	1.749	2.524	17.0	19.4
11 7	4 31.59	+51 41.1	1.689	2.523	14.9	19.3
11 17	4 18.47	+52 52.8	1.650	2.523	13.1	19.2
11 27	4 3.01	+53 27.8	1.633	2.522	12.1	19.1
12 7	3 47.53	+53 23.7	1.641	2.522	12.4	19.1
12 17	3 34.37	+52 45.0	1.671	2.522	13.8	19.2
12 27	3 25.27	+51 42.2	1.723	2.523	15.8	19.4

242304 2003 WL_{70} 11 25.5 125°.42 2°.9/26.5 18

10 18	4 39.34	+28 10.8	2.639	3.391	12.6	20.4
10 28	4 33.20	+29 8.1	2.553	3.400	10.1	20.2
11 7	4 24.82	+29 59.7	2.491	3.410	7.3	20.1
11 17	4 14.72	+30 42.8	2.456	3.419	4.4	19.9
11 27	4 3.74	+31 15.4	2.453	3.428	3.0	19.8
12 7	3 52.88	+31 37.0	2.481	3.437	4.7	20.0
12 17	3 43.10	+31 49.2	2.540	3.446	7.4	20.1
12 27	3 35.20	+31 55.1	2.626	3.454	10.1	20.3

322544 2011 YJ_{35} 11 25.5 337°.53 2°.7/26.6 17

10 18	4 32.94	+28 6.0	1.804	2.594	16.1	20.8
10 28	4 29.17	+28 19.4	1.717	2.589	13.0	20.6
11 7	4 22.58	+28 22.6	1.650	2.584	9.2	20.4
11 17	4 13.80	+28 13.9	1.608	2.579	5.2	20.1
11 27	4 3.90	+27 53.0	1.593	2.575	2.7	20.0
12 7	3 54.24	+27 22.4	1.606	2.572	5.5	20.1
12 17	3 46.04	+26 46.5	1.646	2.568	9.6	20.4
12 27	3 40.31	+26 11.0	1.711	2.565	13.3	20.6

319488 2006 QK_{24} 11 25.5 122°.80 5°.0/23.8 16

10 18	4 37.97	+10 16.9	1.625	2.427	17.1	21.2
10 28	4 32.70	+ 9 34.0	1.561	2.441	13.6	21.0
11 7	4 24.67	+ 8 53.6	1.517	2.454	9.6	20.8
11 17	4 14.64	+ 8 19.6	1.499	2.467	6.0	20.6
11 27	4 3.78	+ 7 56.5	1.508	2.479	5.3	20.6
12 7	3 53.42	+ 7 47.5	1.546	2.491	8.1	20.8
12 17	3 44.69	+ 7 54.0	1.609	2.502	11.9	21.0
12 27	3 38.46	+ 8 16.0	1.696	2.512	15.3	21.3

401818 1995 UR_{21} 11 25.5 59°.86 0°.8/25.9 17

10 18	4 33.25	+23 55.7	1.970	2.761	14.9	22.0
10 28	4 28.88	+23 55.0	1.893	2.769	11.7	21.8
11 7	4 22.06	+23 47.4	1.838	2.778	8.0	21.6
11 17	4 13.43	+23 32.4	1.809	2.786	3.9	21.4
11 27	4 3.99	+23 11.1	1.808	2.794	1.0	21.2
12 7	3 54.87	+22 46.3	1.836	2.803	4.8	21.5
12 17	3 47.12	+22 21.4	1.892	2.811	8.8	21.7
12 27	3 41.53	+22 0.2	1.974	2.820	12.2	22.0

141786 2002 NW_{14} 11 25.5 75°.50 1°.1/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 41.50	+17 55.7	1.404	2.210	19.1	20.5
10 28	4 35.84	+18 3.5	1.352	2.237	14.9	20.3
11 7	4 26.92	+18 8.8	1.319	2.263	10.0	20.1
11 17	4 15.70	+18 11.8	1.311	2.290	4.7	19.9
11 27	4 3.61	+18 13.6	1.330	2.316	1.5	19.7
12 7	3 52.27	+18 16.2	1.377	2.341	6.4	20.1
12 17	3 43.02	+18 22.3	1.450	2.367	11.1	20.5
12 27	3 36.75	+18 34.4	1.546	2.391	15.0	20.8

428605 2008 EX_{128} 11 25.5 155°.33 3°.1/26.5 18

10 18	4 40.47	+27 33.3	1.698	2.480	17.3	21.5
10 28	4 35.22	+28 6.1	1.618	2.485	13.9	21.3
11 7	4 26.75	+28 30.1	1.558	2.489	9.9	21.1
11 17	4 15.78	+28 41.9	1.523	2.493	5.6	20.8
11 27	4 3.56	+28 40.1	1.515	2.496	3.1	20.7
12 7	3 51.66	+28 26.0	1.536	2.500	6.0	20.9
12 17	3 41.50	+28 3.9	1.584	2.502	10.2	21.1
12 27	3 34.18	+27 39.9	1.657	2.504	14.1	21.4

515152 2011 LV_{9} 11 25.5 221°.60 2°.2/24.7 18

10 18	4 35.66	+16 9.9	1.770	2.572	16.0	22.0
10 28	4 31.07	+15 55.5	1.684	2.567	12.6	21.7
11 7	4 23.75	+15 39.2	1.620	2.563	8.6	21.5
11 17	4 14.32	+15 22.6	1.581	2.558	4.3	21.2
11 27	4 3.83	+15 7.9	1.570	2.553	2.4	21.1
12 7	3 53.55	+14 58.0	1.587	2.548	6.3	21.3
12 17	3 44.68	+14 55.4	1.632	2.542	10.6	21.6
12 27	3 38.17	+15 2.3	1.701	2.536	14.4	21.8

198336 2004 UR_{3} 11 25.5 27°.26 0°.3/25.4 18

10 18	4 30.84	+25 39.1	1.074	1.911	21.8	18.3
10 28	4 28.38	+24 34.2	1.028	1.930	17.0	18.1
11 7	4 22.25	+23 12.6	0.999	1.951	11.4	17.9
11 17	4 13.56	+21 38.5	0.992	1.973	5.3	17.6
11 27	4 4.01	+19 59.9	1.010	1.996	1.1	17.4
12 7	3 55.39	+18 26.9	1.052	2.021	7.0	17.9
12 17	3 49.09	+17 8.7	1.119	2.047	12.4	18.2
12 27	3 45.95	+16 10.9	1.206	2.074	16.8	18.6

394250 2006 TN_{112} 11 25.5 129°.37 4°.0/23.7 18

10 18	4 34.04	+ 9 4.8	2.339	3.125	13.0	21.9
10 28	4 28.82	+ 8 36.3	2.268	3.139	10.3	21.7
11 7	4 21.67	+ 8 10.5	2.221	3.152	7.3	21.6
11 17	4 13.15	+ 7 50.2	2.201	3.165	4.7	21.4
11 27	4 4.06	+ 7 38.1	2.210	3.178	4.2	21.4
12 7	3 55.27	+ 7 36.1	2.249	3.190	6.3	21.6
12 17	3 47.58	+ 7 45.0	2.317	3.201	9.1	21.8
12 27	3 41.62	+ 8 4.9	2.410	3.212	11.7	22.0

218967 2008 FB_{28} 11 25.5 152°.15 4°.2/23.4 18

10 18	4 31.04	+ 9 54.8	2.253	3.049	13.2	20.9
10 28	4 26.68	+ 9 11.1	2.175	3.051	10.4	20.7
11 7	4 20.35	+ 8 28.9	2.120	3.054	7.5	20.5
11 17	4 12.58	+ 7 51.3	2.091	3.056	4.9	20.3
11 27	4 4.17	+ 7 22.1	2.092	3.059	4.4	20.3
12 7	3 55.99	+ 7 4.0	2.121	3.061	6.6	20.5
12 17	3 48.87	+ 6 58.7	2.178	3.063	9.6	20.6
12 27	3 43.48	+ 7 6.7	2.259	3.065	12.3	20.8

491545 2012 LE_{19} 11 25.5 222°.41 1°.7/24.6 17

10 18	4 30.59	+16 16.1	2.634	3.422	11.7	22.4
10 28	4 26.17	+15 58.2	2.540	3.416	9.1	22.2
11 7	4 19.96	+15 38.5	2.471	3.410	6.2	22.0
11 17	4 12.40	+15 18.3	2.428	3.405	3.1	21.8
11 27	4 4.20	+14 59.4	2.416	3.398	1.9	21.7
12 7	3 56.13	+14 44.0	2.434	3.392	4.6	21.9
12 17	3 48.95	+14 34.0	2.481	3.385	7.7	22.1
12 27	3 43.29	+14 31.0	2.555	3.379	10.5	22.2

458698 2011 HX_{65} 11 25.5 276°.93 2°.0/24.4 18

10 18	4 29.69	+16 3.9	2.435	3.229	12.3	21.5
10 28	4 25.66	+15 37.4	2.339	3.218	9.7	21.3
11 7	4 19.71	+15 8.5	2.266	3.208	6.6	21.1
11 17	4 12.32	+14 39.1	2.221	3.197	3.4	20.9
11 27	4 4.21	+14 11.5	2.205	3.186	2.2	20.8
12 7	3 56.23	+13 48.4	2.219	3.176	5.1	21.0
12 17	3 49.17	+13 32.1	2.261	3.165	8.3	21.2
12 27	3 43.74	+13 24.6	2.329	3.154	11.3	21.3

410133 2007 GU_{58} 11 25.5 215°.29 1°.1/24.9 17

10 18	4 31.49	+18 39.7	2.606	3.391	11.9	22.3
10 28	4 26.91	+18 17.7	2.511	3.385	9.3	22.1
11 7	4 20.47	+17 52.0	2.439	3.379	6.3	21.9
11 17	4 12.66	+17 23.9	2.394	3.372	3.0	21.6
11 27	4 4.17	+16 55.2	2.380	3.365	1.3	21.5
12 7	3 55.83	+16 28.4	2.396	3.357	4.4	21.7
12 17	3 48.41	+16 5.9	2.442	3.349	7.7	21.9
12 27	3 42.57	+15 50.1	2.515	3.341	10.6	22.1

297307 1998 TQ_{20} 11 25.5 55°.87 0°.8/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 36.15	+23 13.2	1.586	2.388	17.5	21.2
10 28	4 31.53	+23 16.9	1.527	2.409	13.7	21.0
11 7	4 23.99	+23 13.1	1.489	2.430	9.3	20.8
11 17	4 14.35	+23 1.6	1.474	2.452	4.5	20.6
11 27	4 3.88	+22 43.5	1.488	2.474	1.0	20.4
12 7	3 54.00	+22 21.9	1.529	2.496	5.5	20.8
12 17	3 45.89	+22 0.9	1.596	2.518	9.9	21.1
12 27	3 40.42	+21 44.8	1.688	2.540	13.7	21.3

207761 2007 TJ_{4} 11 25.5 203°.87 3°.1/24.0 18

10 18	4 33.15	+14 35.9	2.028	2.826	14.3	20.9
10 28	4 28.66	+13 54.3	1.943	2.823	11.3	20.7
11 7	4 21.87	+13 10.4	1.880	2.821	7.8	20.5
11 17	4 13.36	+12 27.0	1.844	2.818	4.3	20.3
11 27	4 4.05	+11 47.9	1.836	2.814	3.3	20.2
12 7	3 54.96	+11 16.7	1.858	2.811	6.3	20.4
12 17	3 47.09	+10 56.3	1.907	2.807	9.9	20.6
12 27	3 41.21	+10 48.5	1.981	2.802	13.2	20.8

67410 2000 QS_{19} 11 25.5 208°.04 3°.3/24.3 18

10 18	4 36.95	+15 8.3	1.554	2.362	17.5	19.8
10 28	4 32.40	+14 34.9	1.473	2.359	13.8	19.6
11 7	4 24.82	+13 58.9	1.412	2.356	9.5	19.3
11 17	4 14.88	+13 23.2	1.376	2.352	5.1	19.1
11 27	4 3.78	+12 51.9	1.367	2.348	3.5	19.0
12 7	3 52.96	+12 29.1	1.386	2.343	7.4	19.2
12 17	3 43.77	+12 18.2	1.431	2.338	12.0	19.4
12 27	3 37.24	+12 21.4	1.499	2.332	16.0	19.7

488216 2015 XK_{315} 11 25.5 192°.64 2°.1/26.8 17

10 18	4 32.76	+29 33.8	2.354	3.123	13.4	21.1
10 28	4 28.23	+29 19.6	2.263	3.123	10.8	20.9
11 7	4 21.50	+28 54.6	2.194	3.122	7.6	20.7
11 17	4 13.16	+28 18.2	2.152	3.121	4.3	20.5
11 27	4 4.09	+27 31.5	2.138	3.121	2.1	20.4
12 7	3 55.29	+26 37.6	2.155	3.120	4.4	20.5
12 17	3 47.67	+25 40.8	2.201	3.119	7.8	20.7
12 27	3 41.98	+24 46.1	2.274	3.118	10.9	20.9

45974 2001 BG_{35} 11 25.5 301°.32 6°.2/23.3 18

10 18	4 33.25	+10 1.0	1.395	2.217	18.4	19.1
10 28	4 29.79	+ 9 4.3	1.318	2.209	14.8	18.8
11 7	4 23.21	+ 8 8.6	1.260	2.201	10.7	18.6
11 17	4 14.17	+ 7 19.8	1.225	2.193	7.1	18.4
11 27	4 3.90	+ 6 44.2	1.216	2.185	6.5	18.3
12 7	3 53.88	+ 6 27.1	1.232	2.178	9.7	18.5
12 17	3 45.51	+ 6 31.2	1.273	2.170	13.9	18.7
12 27	3 39.88	+ 6 56.1	1.334	2.163	17.9	18.9

463947 2014 UN_{214} 11 25.5 32°.76 0°.5/25.3 17

10 18	4 32.80	+18 21.7	2.213	3.005	13.5	20.8
10 28	4 28.27	+18 36.0	2.131	3.009	10.6	20.6
11 7	4 21.55	+18 48.7	2.071	3.012	7.1	20.4
11 17	4 13.21	+18 59.8	2.038	3.016	3.3	20.2
11 27	4 4.08	+19 9.8	2.034	3.020	0.9	20.0
12 7	3 55.15	+19 19.8	2.060	3.025	4.6	20.3
12 17	3 47.34	+19 31.2	2.115	3.029	8.3	20.5
12 27	3 41.40	+19 45.6	2.196	3.033	11.4	20.7

47654 2000 CP_{46} 11 25.5 336°.45 1°.9/24.8 18

10 18	4 30.29	+19 35.8	1.224	2.059	19.7	18.3
10 28	4 28.09	+19 2.8	1.146	2.048	15.6	18.0
11 7	4 22.40	+18 21.2	1.086	2.038	10.7	17.7
11 17	4 13.90	+17 33.7	1.048	2.028	5.1	17.4
11 27	4 3.94	+16 44.8	1.035	2.020	2.3	17.2
12 7	3 54.27	+16 0.9	1.047	2.013	7.6	17.5
12 17	3 46.47	+15 28.0	1.082	2.006	13.2	17.8
12 27	3 41.78	+15 10.7	1.138	2.001	18.0	18.0

460841 2014 WJ_{86} 11 25.5 279°.21 1°.3/24.8 17

10 18	4 30.07	+17 44.4	2.449	3.241	12.3	21.9
10 28	4 25.90	+17 26.8	2.361	3.239	9.6	21.7
11 7	4 19.84	+17 6.3	2.296	3.237	6.5	21.6
11 17	4 12.37	+16 44.4	2.258	3.236	3.2	21.3
11 27	4 4.24	+16 22.8	2.250	3.234	1.5	21.2
12 7	3 56.28	+16 3.9	2.271	3.232	4.6	21.4
12 17	3 49.29	+15 50.0	2.322	3.230	7.9	21.6
12 27	3 43.94	+15 43.0	2.398	3.229	10.9	21.8

406772 2008 OM_{21} 11 25.5 79°.69 5°.3/22.9 18

10 18	4 30.45	+ 6 0.6	2.309	3.101	13.0	21.3
10 28	4 26.03	+ 5 11.8	2.246	3.117	10.4	21.2
11 7	4 19.80	+ 4 27.4	2.207	3.132	7.7	21.1
11 17	4 12.28	+ 3 51.3	2.194	3.148	5.7	21.0
11 27	4 4.26	+ 3 26.9	2.210	3.164	5.5	21.0
12 7	3 56.56	+ 3 16.6	2.254	3.179	7.2	21.1
12 17	3 49.91	+ 3 21.0	2.325	3.195	9.7	21.3
12 27	3 44.91	+ 3 39.7	2.421	3.210	12.1	21.5

97047 1999 UN_{35} 11 25.5 354.°98 8.°4/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 29.47	+ 4 39.7	1.356	2.183	18.6	18.2
10 28	4 26.75	+ 3 39.5	1.290	2.179	15.2	18.0
11 7	4 21.08	+ 2 46.9	1.242	2.175	11.7	17.8
11 17	4 13.13	+ 2 9.0	1.216	2.172	8.9	17.6
11 27	4 4.10	+ 1 52.6	1.215	2.171	8.7	17.6
12 7	3 55.39	+ 2 1.5	1.237	2.170	11.1	17.7
12 17	3 48.30	+ 2 35.7	1.283	2.170	14.7	17.9
12 27	3 43.81	+ 3 32.3	1.349	2.172	18.1	18.2

202906 1995 WW_{11} 11 25.5 29.°73 2.°9/24.7 18

10 18	4 33.23	+14 48.9	1.266	2.096	19.5	19.6
10 28	4 29.78	+14 39.6	1.212	2.111	15.2	19.4
11 7	4 23.09	+14 30.4	1.177	2.126	10.4	19.2
11 17	4 14.02	+14 23.9	1.164	2.142	5.3	18.9
11 27	4 3.96	+14 22.6	1.177	2.160	3.2	18.8
12 7	3 54.51	+14 29.0	1.215	2.178	7.4	19.1
12 17	3 47.00	+14 44.9	1.278	2.197	12.1	19.5
12 27	3 42.39	+15 10.9	1.363	2.217	16.1	19.8

172639 2003 YP_{37} 11 25.5 239.°92 0.°6/25.3 18

10 18	4 37.43	+19 44.0	1.587	2.390	17.4	20.8
10 28	4 32.96	+19 45.1	1.499	2.383	13.8	20.6
11 7	4 25.33	+19 41.9	1.432	2.376	9.4	20.3
11 17	4 15.19	+19 34.5	1.389	2.368	4.5	20.0
11 27	4 3.72	+19 24.0	1.374	2.360	1.1	19.7
12 7	3 52.42	+19 13.0	1.386	2.351	6.2	20.0
12 17	3 42.74	+19 4.8	1.425	2.343	11.2	20.3
12 27	3 35.79	+19 3.3	1.488	2.334	15.4	20.6

8395 Rembaut 11 25.5 311.°30 1.°1/25.2 18

10 18	4 34.28	+19 28.6	1.313	2.136	19.3	17.8
10 28	4 31.09	+19 19.3	1.231	2.126	15.3	17.5
11 7	4 24.40	+19 4.6	1.168	2.116	10.5	17.2
11 17	4 14.85	+18 45.2	1.127	2.107	5.0	16.9
11 27	4 3.78	+18 23.4	1.112	2.097	1.6	16.6
12 7	3 52.91	+18 3.2	1.122	2.089	7.1	17.0
12 17	3 43.89	+17 49.1	1.157	2.080	12.6	17.3
12 27	3 37.96	+17 45.2	1.214	2.072	17.4	17.5

401051 2011 US_{7} 11 25.5 67.°66 0.°8/25.1 18

10 18	4 33.17	+21 7.8	1.807	2.608	15.7	21.4
10 28	4 28.93	+20 36.5	1.733	2.616	12.3	21.2
11 7	4 22.15	+19 58.1	1.681	2.624	8.3	21.0
11 17	4 13.50	+19 14.4	1.653	2.632	3.9	20.8
11 27	4 4.06	+18 28.3	1.655	2.640	1.2	20.6
12 7	3 55.01	+17 44.1	1.684	2.649	5.5	20.9
12 17	3 47.41	+17 6.2	1.742	2.657	9.6	21.2
12 27	3 42.08	+16 38.1	1.823	2.665	13.2	21.4

23060 Shepherd 11 25.5 234.°60 0.°7/25.8 18

10 18	4 34.92	+23 20.2	1.968	2.757	15.0	19.4
10 28	4 30.38	+23 19.8	1.876	2.751	11.9	19.2
11 7	4 23.25	+23 12.6	1.806	2.745	8.2	18.9
11 17	4 14.10	+22 58.3	1.762	2.738	4.0	18.7
11 27	4 3.95	+22 37.8	1.746	2.732	0.9	18.4
12 7	3 53.97	+22 13.4	1.759	2.725	5.1	18.7
12 17	3 45.30	+21 48.7	1.800	2.718	9.2	19.0
12 27	3 38.87	+21 27.9	1.867	2.710	12.9	19.2

418526 2008 SY_{65} 11 25.5 37.°09 8.°9/28.2 17

10 18	4 44.69	+42 9.7	2.146	2.857	16.2	20.7
10 28	4 38.88	+44 4.7	2.071	2.867	14.0	20.6
11 7	4 29.57	+45 46.6	2.017	2.877	11.7	20.4
11 17	4 17.31	+47 7.7	1.987	2.887	9.8	20.3
11 27	4 3.35	+48 1.4	1.984	2.898	8.9	20.3
12 7	3 49.37	+48 25.7	2.008	2.909	9.4	20.4
12 17	3 37.06	+48 23.6	2.058	2.921	11.1	20.5
12 27	3 27.77	+48 2.5	2.132	2.933	13.1	20.6

470960 2009 QU_{13} 11 25.5 41.°95 6.°1/27.8 18

10 18	4 37.93	+33 53.9	1.289	2.083	21.2	20.9
10 28	4 34.23	+34 31.6	1.226	2.094	17.4	20.7
11 7	4 26.55	+34 51.6	1.181	2.105	13.0	20.4
11 17	4 15.80	+34 48.4	1.157	2.117	8.7	20.2
11 27	4 3.68	+34 19.9	1.158	2.130	6.1	20.1
12 7	3 52.23	+33 29.8	1.183	2.143	8.0	20.3
12 17	3 43.21	+32 26.7	1.234	2.157	12.0	20.5
12 27	3 37.77	+31 21.0	1.306	2.171	16.0	20.8

491543 2012 LX_{16} 11 25.5 195.°91 0.°0/25.5 17

10 18	4 31.70	+24 42.4	2.737	3.510	11.6	21.2
10 28	4 26.95	+23 55.2	2.641	3.508	9.1	21.0
11 7	4 20.42	+22 59.5	2.570	3.506	6.2	20.9
11 17	4 12.61	+21 56.5	2.527	3.504	2.9	20.6
11 27	4 4.25	+20 48.7	2.515	3.501	0.5	20.4
12 7	3 56.13	+19 40.0	2.535	3.498	3.9	20.7
12 17	3 48.99	+18 34.3	2.585	3.495	7.1	20.9
12 27	3 43.42	+17 35.5	2.663	3.492	9.9	21.1

298121 2002 RP_{228} 11 25.5 100.°28 3.°7/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 38.53	+29 10.3	1.898	2.671	16.0	20.4
10 28	4 33.45	+29 56.7	1.818	2.677	13.0	20.2
11 7	4 25.45	+30 34.6	1.759	2.684	9.4	20.0
11 17	4 15.18	+31 0.3	1.725	2.690	5.7	19.8
11 27	4 3.78	+31 11.8	1.719	2.696	3.7	19.7
12 7	3 52.63	+31 9.6	1.742	2.702	5.9	19.8
12 17	3 43.02	+30 57.1	1.793	2.707	9.4	20.1
12 27	3 35.97	+30 39.6	1.868	2.713	12.8	20.3

312979 1999 KT_{4} 11 25.5 185.°28 0.°8/25.1 16

10 18	4 39.70	+19 38.2	2.250	3.025	13.8	22.8
10 28	4 33.59	+19 22.4	2.158	3.026	10.9	22.6
11 7	4 25.13	+19 1.9	2.089	3.026	7.4	22.3
11 17	4 14.91	+18 37.4	2.047	3.024	3.5	22.1
11 27	4 3.84	+18 10.6	2.036	3.021	1.1	21.9
12 7	3 52.99	+17 44.2	2.056	3.018	5.0	22.2
12 17	3 43.37	+17 21.2	2.107	3.012	8.7	22.4
12 27	3 35.79	+17 4.6	2.183	3.006	12.1	22.6

168422 1998 QE_{82} 11 25.5 34.°09 1.°6/24.7 18

10 18	4 31.92	+21 51.4	1.447	2.265	18.1	18.9
10 28	4 28.44	+20 45.5	1.384	2.277	14.1	18.7
11 7	4 22.01	+19 28.8	1.341	2.289	9.5	18.5
11 17	4 13.47	+18 5.2	1.323	2.302	4.4	18.2
11 27	4 4.11	+16 40.8	1.331	2.316	2.0	18.1
12 7	3 55.35	+15 23.2	1.367	2.330	6.6	18.4
12 17	3 48.37	+14 18.8	1.429	2.345	11.2	18.7
12 27	3 44.00	+13 32.0	1.513	2.360	15.2	19.0

478425 2012 HS_{5} 11 25.5 139.°26 1.°9/24.8 16

10 18	4 39.61	+16 31.5	1.865	2.655	15.7	22.1
10 28	4 33.78	+16 18.2	1.792	2.668	12.3	21.9
11 7	4 25.35	+16 2.8	1.742	2.682	8.3	21.7
11 17	4 15.00	+15 46.6	1.717	2.694	4.1	21.5
11 27	4 3.84	+15 31.8	1.722	2.705	2.1	21.4
12 7	3 53.08	+15 20.8	1.756	2.716	5.9	21.7
12 17	3 43.83	+15 16.2	1.819	2.726	9.9	21.9
12 27	3 36.92	+15 19.8	1.907	2.735	13.4	22.2

168435 1998 VL_{21} 11 25.5 36.°93 0.°9/25.1 18

10 18	4 32.53	+23 34.2	1.411	2.227	18.5	18.8
10 28	4 28.94	+22 33.0	1.352	2.244	14.5	18.6
11 7	4 22.33	+21 19.8	1.314	2.262	9.7	18.4
11 17	4 13.60	+19 58.0	1.300	2.280	4.5	18.2
11 27	4 4.10	+18 33.4	1.313	2.299	1.3	18.0
12 7	3 55.29	+17 13.7	1.353	2.318	6.3	18.4
12 17	3 48.34	+16 5.8	1.419	2.339	11.0	18.7
12 27	3 44.09	+15 14.4	1.508	2.359	15.0	19.0

217316 2004 PX_{52} 11 25.5 41.°63 6.°7/22.9 18

10 18	4 31.07	+ 4 7.0	1.865	2.666	15.3	19.4
10 28	4 27.02	+ 3 19.9	1.803	2.676	12.4	19.3
11 7	4 20.72	+ 2 39.9	1.762	2.687	9.4	19.1
11 17	4 12.82	+ 2 11.7	1.746	2.698	7.1	19.0
11 27	4 4.24	+ 1 59.7	1.757	2.709	6.9	19.0
12 7	3 56.02	+ 2 5.8	1.795	2.720	8.8	19.1
12 17	3 49.07	+ 2 30.3	1.859	2.732	11.6	19.3
12 27	3 44.11	+ 3 11.4	1.945	2.744	14.3	19.5

30165 2000 GF_{61} 11 25.5 337.°64 0.°7/25.8 18

10 18	4 33.64	+22 41.5	1.750	2.551	16.1	17.9
10 28	4 29.69	+22 49.7	1.666	2.547	12.8	17.7
11 7	4 22.94	+22 51.8	1.602	2.544	8.8	17.4
11 17	4 14.02	+22 47.3	1.563	2.541	4.3	17.2
11 27	4 4.01	+22 36.8	1.552	2.538	0.9	16.9
12 7	3 54.22	+22 22.4	1.568	2.535	5.4	17.2
12 17	3 45.88	+22 7.7	1.612	2.533	9.8	17.5
12 27	3 39.96	+21 56.5	1.680	2.531	13.7	17.7

262081 2006 RU_{65} 11 25.5 354.°25 2.°9/24.9 18

10 18	4 29.30	+15 27.2	1.007	1.860	21.7	19.6
10 28	4 27.87	+15 23.1	0.941	1.852	17.2	19.3
11 7	4 22.56	+15 18.8	0.892	1.847	11.8	19.0
11 17	4 14.10	+15 16.9	0.862	1.842	6.0	18.7
11 27	4 3.99	+15 20.6	0.856	1.840	3.2	18.5
12 7	3 54.23	+15 32.9	0.872	1.839	8.5	18.8
12 17	3 46.62	+15 55.8	0.910	1.840	14.3	19.1
12 27	3 42.52	+16 30.6	0.967	1.842	19.3	19.4

436067 2009 SY_{8} 11 25.5 291.°40 4.°5/27.2 18

10 18	4 37.18	+31 26.1	1.499	2.288	18.9	20.7
10 28	4 33.30	+31 48.0	1.415	2.283	15.5	20.5
11 7	4 25.85	+31 55.7	1.350	2.278	11.4	20.2
11 17	4 15.53	+31 45.3	1.307	2.273	7.1	20.0
11 27	4 3.75	+31 15.0	1.290	2.268	4.5	19.8
12 7	3 52.26	+30 27.8	1.300	2.263	6.9	20.0
12 17	3 42.72	+29 30.4	1.336	2.259	11.3	20.2
12 27	3 36.34	+28 31.8	1.395	2.254	15.5	20.4

453490 2009 SJ_{309} 11 25.5 326°.57 3°.2/23.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 30.17	+14 11.0	2.046	2.850	14.0	21.8
10 28	4 26.34	+13 29.8	1.962	2.846	11.0	21.6
11 7	4 20.33	+12 46.7	1.901	2.842	7.6	21.4
11 17	4 12.69	+12 4.8	1.865	2.839	4.3	21.2
11 27	4 4.27	+11 27.7	1.858	2.835	3.4	21.1
12 7	3 56.07	+10 58.9	1.880	2.832	6.3	21.3
12 17	3 49.01	+10 41.2	1.929	2.829	9.8	21.5
12 27	3 43.84	+10 36.1	2.002	2.826	12.9	21.7

489126 2006 DY_{24} 11 25.5 174°.79 0°.2/25.6 17

10 18	4 31.73	+22 27.7	2.812	3.587	11.3	22.5
10 28	4 26.98	+22 21.5	2.721	3.589	8.9	22.3
11 7	4 20.47	+22 10.6	2.654	3.590	6.0	22.2
11 17	4 12.68	+21 55.0	2.615	3.592	2.9	22.0
11 27	4 4.28	+21 36.0	2.606	3.592	0.5	21.8
12 7	3 56.05	+21 15.2	2.628	3.593	3.7	22.0
12 17	3 48.73	+20 54.9	2.681	3.593	6.8	22.2
12 27	3 42.92	+20 37.7	2.760	3.593	9.5	22.4

316546 2010 XY_{66} 11 25.5 120°.10 1°.6/24.8 18

10 18	4 32.19	+17 9.6	2.235	3.029	13.3	20.8
10 28	4 27.70	+16 53.0	2.155	3.033	10.4	20.6
11 7	4 21.13	+16 34.0	2.097	3.038	7.0	20.4
11 17	4 13.03	+16 14.0	2.065	3.042	3.4	20.2
11 27	4 4.23	+15 54.9	2.063	3.047	1.8	20.1
12 7	3 55.67	+15 39.2	2.091	3.051	5.0	20.3
12 17	3 48.23	+15 29.0	2.147	3.055	8.5	20.6
12 27	3 42.61	+15 26.3	2.229	3.060	11.6	20.8

43174 1999 XF_{180} 11 25.5 261°.39 2°.6/24.8 18

10 18	4 36.59	+12 30.4	1.914	2.708	15.2	17.8
10 28	4 31.65	+12 42.8	1.824	2.702	12.0	17.6
11 7	4 24.12	+12 58.4	1.756	2.696	8.3	17.4
11 17	4 14.57	+13 18.2	1.715	2.689	4.4	17.1
11 27	4 3.95	+13 43.0	1.702	2.683	2.8	17.0
12 7	3 53.44	+14 13.6	1.718	2.676	6.1	17.2
12 17	3 44.19	+14 50.3	1.763	2.670	10.1	17.4
12 27	3 37.13	+15 33.2	1.832	2.663	13.7	17.6

273457 2006 XC_{38} 11 25.5 313°.43 1°.2/25.2 18

10 18	4 33.11	+18 37.9	1.331	2.156	19.0	20.3
10 28	4 30.28	+18 36.0	1.242	2.139	15.1	20.0
11 7	4 23.97	+18 30.2	1.172	2.121	10.4	19.6
11 17	4 14.76	+18 21.4	1.125	2.104	5.0	19.3
11 27	4 3.89	+18 11.4	1.102	2.088	1.6	19.0
12 7	3 53.05	+18 3.3	1.105	2.072	7.2	19.3
12 17	3 43.93	+18 0.8	1.133	2.057	12.7	19.6
12 27	3 37.85	+18 7.5	1.182	2.042	17.6	19.8

395326 2011 QB_{6} 11 25.5 13°.89 8°.6/22.2 17

10 18	4 21.79	+10 58.1	0.872	1.746	22.4	19.1
10 28	4 21.71	+ 9 1.3	0.838	1.758	17.7	18.9
11 7	4 18.00	+ 7 7.0	0.821	1.774	12.9	18.7
11 17	4 11.71	+ 5 27.6	0.823	1.792	9.2	18.6
11 27	4 4.49	+ 4 15.2	0.847	1.813	9.1	18.6
12 7	3 58.04	+ 3 36.5	0.891	1.837	12.3	18.9
12 17	3 53.72	+ 3 32.3	0.956	1.863	16.4	19.2
12 27	3 52.38	+ 3 58.4	1.038	1.892	20.1	19.6

193360 2000 UB_{50} 11 25.5 10°.91 2°.0/25.9 18

10 18	4 31.30	+22 13.7	1.063	1.904	21.6	19.0
10 28	4 29.35	+23 2.8	1.004	1.908	17.2	18.7
11 7	4 23.48	+23 47.1	0.963	1.914	11.8	18.4
11 17	4 14.49	+24 23.4	0.943	1.922	6.0	18.2
11 27	4 3.99	+24 49.8	0.946	1.931	2.1	18.0
12 7	3 53.98	+25 7.0	0.972	1.943	7.1	18.3
12 17	3 46.26	+25 18.1	1.022	1.956	12.6	18.7
12 27	3 42.06	+25 28.3	1.092	1.970	17.3	19.0

336137 2008 QY_{7} 11 25.5 48°.85 1°.5/25.0 18

10 18	4 35.50	+18 56.7	1.339	2.159	19.2	20.7
10 28	4 31.43	+18 38.0	1.283	2.177	15.0	20.5
11 7	4 24.14	+18 14.3	1.247	2.195	10.1	20.2
11 17	4 14.53	+17 47.6	1.235	2.214	4.7	20.0
11 27	4 4.01	+17 20.9	1.248	2.234	1.9	19.9
12 7	3 54.15	+16 58.4	1.288	2.253	6.7	20.2
12 17	3 46.26	+16 43.7	1.354	2.274	11.4	20.5
12 27	3 41.26	+16 39.7	1.442	2.294	15.5	20.8

114995 2003 QY_{71} 11 25.5 355°.11 7°.6/29.8 17

10 18	4 33.80	+42 5.4	1.884	2.624	17.2	18.6
10 28	4 30.27	+42 35.5	1.799	2.621	14.8	18.4
11 7	4 23.55	+42 46.3	1.732	2.618	12.0	18.2
11 17	4 14.37	+42 33.1	1.688	2.616	9.3	18.0
11 27	4 4.01	+41 53.2	1.668	2.614	7.7	17.9
12 7	3 54.03	+40 48.9	1.675	2.613	8.2	18.0
12 17	3 45.82	+39 26.4	1.708	2.613	10.5	18.1
12 27	3 40.44	+37 55.1	1.765	2.614	13.3	18.3

164023 2003 UZ_{222} 11 25.5 30°.39 1°.0/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 32.33	+26 36.7	1.276	2.096	19.9	18.4
10 28	4 29.23	+26 1.4	1.221	2.112	15.7	18.2
11 7	4 22.77	+25 11.3	1.184	2.130	10.7	18.0
11 17	4 13.90	+24 7.9	1.170	2.148	5.3	17.7
11 27	4 4.13	+22 55.5	1.181	2.167	1.2	17.5
12 7	3 55.10	+21 41.6	1.218	2.187	6.2	17.9
12 17	3 48.16	+20 34.1	1.281	2.208	11.2	18.3
12 27	3 44.17	+19 39.2	1.366	2.230	15.4	18.6

37114 2000 UO_{104} 11 25.5 122°.12 3°.7/27.0 18

10 18	4 36.90	+30 46.8	2.255	3.016	14.2	19.4
10 28	4 31.76	+31 28.1	2.170	3.021	11.5	19.2
11 7	4 24.11	+32 0.7	2.108	3.026	8.5	19.0
11 17	4 14.53	+32 21.6	2.071	3.031	5.4	18.8
11 27	4 3.99	+32 29.1	2.063	3.036	3.7	18.7
12 7	3 53.65	+32 23.9	2.084	3.041	5.4	18.8
12 17	3 44.58	+32 8.9	2.134	3.046	8.4	19.0
12 27	3 37.69	+31 48.6	2.211	3.050	11.3	19.2

512497 2016 RS_{2} 11 25.5 106°.62 1°.3/25.1 18

10 18	4 39.17	+18 37.7	1.707	2.502	16.7	21.9
10 28	4 33.63	+18 24.8	1.642	2.522	13.0	21.7
11 7	4 25.32	+18 8.1	1.599	2.541	8.8	21.5
11 17	4 15.03	+17 48.5	1.581	2.559	4.1	21.3
11 27	4 3.93	+17 28.3	1.592	2.577	1.6	21.2
12 7	3 53.37	+17 10.4	1.632	2.595	5.8	21.5
12 17	3 44.48	+16 58.0	1.699	2.612	10.1	21.8
12 27	3 38.11	+16 53.6	1.791	2.628	13.7	22.1

148367 2000 SS_{101} 11 25.5 23°.79 0°.8/25.9 18

10 18	4 32.97	+23 37.4	1.876	2.672	15.4	20.4
10 28	4 28.90	+23 40.0	1.796	2.675	12.2	20.2
11 7	4 22.26	+23 35.7	1.738	2.678	8.3	20.0
11 17	4 13.67	+23 24.2	1.704	2.681	4.1	19.8
11 27	4 4.16	+23 6.3	1.698	2.685	1.0	19.5
12 7	3 54.93	+22 44.6	1.722	2.688	5.0	19.8
12 17	3 47.09	+22 22.6	1.772	2.692	9.2	20.1
12 27	3 41.50	+22 4.3	1.848	2.697	12.8	20.3

258817 2002 NY_{57} 11 25.5 214°.58 5°.9/22.2 18 R

10 18	4 30.54	+ 0 28.8	2.861	3.631	11.3	20.7
10 28	4 25.92	− 0 11.6	2.775	3.624	9.3	20.5
11 7	4 19.71	− 0 45.7	2.712	3.617	7.4	20.4
11 17	4 12.34	− 1 10.0	2.676	3.609	6.1	20.3
11 27	4 4.40	− 1 21.5	2.669	3.601	6.0	20.3
12 7	3 56.58	− 1 18.4	2.691	3.592	7.4	20.4
12 17	3 49.55	− 1 0.2	2.740	3.583	9.3	20.5
12 27	3 43.85	− 0 27.7	2.814	3.573	11.3	20.6

440837 2006 SA_{32} 11 25.5 21°.69 0°.0/25.5 18

10 18	4 31.16	+22 29.2	1.392	2.213	18.5	20.1
10 28	4 28.15	+22 16.0	1.329	2.223	14.5	19.9
11 7	4 22.03	+21 54.3	1.286	2.233	9.8	19.6
11 17	4 13.61	+21 25.1	1.265	2.245	4.6	19.4
11 27	4 4.20	+20 51.0	1.271	2.257	0.8	19.1
12 7	3 55.30	+20 16.6	1.303	2.271	6.1	19.5
12 17	3 48.21	+19 46.6	1.360	2.285	10.9	19.8
12 27	3 43.87	+19 25.4	1.440	2.301	15.0	20.1

138312 2000 GY_{63} 11 25.5 141°.52 1°.5/26.2 18

10 18	4 35.88	+25 23.3	2.216	2.992	13.9	20.7
10 28	4 30.76	+25 33.8	2.133	2.999	11.1	20.5
11 7	4 23.31	+25 37.4	2.073	3.006	7.7	20.3
11 17	4 14.12	+25 33.0	2.039	3.013	4.0	20.1
11 27	4 4.12	+25 21.0	2.035	3.019	1.5	19.9
12 7	3 54.38	+25 3.0	2.060	3.025	4.5	20.2
12 17	3 45.90	+24 42.2	2.115	3.031	8.1	20.4
12 27	3 39.46	+24 22.4	2.196	3.036	11.3	20.6

178842 2001 HQ_{50} 11 25.5 211°.06 2°.9/24.5 18

10 18	4 37.41	+14 7.0	1.781	2.579	16.0	20.8
10 28	4 32.46	+13 50.0	1.694	2.574	12.7	20.5
11 7	4 24.76	+13 32.6	1.628	2.569	8.8	20.3
11 17	4 14.91	+13 16.9	1.588	2.563	4.7	20.1
11 27	4 3.97	+13 5.6	1.576	2.556	3.2	19.9
12 7	3 53.22	+13 1.2	1.593	2.550	6.7	20.1
12 17	3 43.88	+13 5.9	1.637	2.542	10.9	20.4
12 27	3 36.90	+13 21.3	1.705	2.534	14.6	20.6

132484 2002 JY_{24} 11 25.5 226°.25 2°.0/24.7 18

10 18	4 34.34	+16 52.6	1.958	2.755	14.8	20.5
10 28	4 29.82	+16 27.8	1.868	2.749	11.6	20.3
11 7	4 22.84	+15 59.8	1.801	2.742	7.9	20.0
11 17	4 13.96	+15 30.4	1.759	2.736	4.0	19.8
11 27	4 4.14	+15 2.2	1.746	2.729	2.3	19.6
12 7	3 54.51	+14 38.6	1.762	2.721	5.9	19.9
12 17	3 46.13	+14 22.5	1.806	2.713	9.8	20.1
12 27	3 39.87	+14 16.3	1.874	2.705	13.4	20.3

468843 2012 VX_6 11 25.5 348°.44 5°.9/24.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 51.67	+18 8.0	0.906	1.731	25.8	19.7
10 28	4 47.47	+21 12.1	0.833	1.726	21.0	19.3
11 7	4 37.54	+24 39.0	0.777	1.721	15.0	19.0
11 17	4 22.02	+28 14.9	0.744	1.718	8.6	18.6
11 27	4 2.61	+31 37.1	0.736	1.716	6.1	18.5
12 7	3 42.54	+34 25.0	0.754	1.714	11.2	18.8
12 17	3 25.37	+36 30.9	0.796	1.714	17.5	19.1
12 27	3 13.83	+38 1.9	0.857	1.714	23.0	19.4

134500 1999 BK_{27} 11 25.5 29°.12 1°.7/24.9 18

10 18	4 32.69	+17 40.1	1.601	2.415	16.8	19.7
10 28	4 28.91	+17 26.3	1.532	2.421	13.2	19.5
11 7	4 22.36	+17 9.4	1.483	2.429	8.9	19.3
11 17	4 13.74	+16 51.0	1.458	2.436	4.3	19.0
11 27	4 4.19	+16 33.7	1.460	2.445	2.0	18.9
12 7	3 55.02	+16 20.3	1.490	2.454	6.1	19.2
12 17	3 47.41	+16 13.9	1.546	2.463	10.5	19.5
12 27	3 42.25	+16 16.7	1.626	2.473	14.3	19.7

448546 2010 RH_{57} 11 25.5 311°.36 1°.2/26.1 17

10 18	4 32.60	+25 37.6	1.881	2.674	15.5	21.2
10 28	4 28.75	+25 29.0	1.791	2.667	12.3	20.9
11 7	4 22.26	+25 10.9	1.722	2.660	8.5	20.7
11 17	4 13.74	+24 43.1	1.677	2.653	4.3	20.4
11 27	4 4.20	+24 6.6	1.661	2.647	1.3	20.2
12 7	3 54.88	+23 24.9	1.673	2.640	5.1	20.5
12 17	3 46.92	+22 42.5	1.713	2.634	9.4	20.7
12 27	3 41.26	+22 4.5	1.777	2.628	13.1	20.9

359795 2011 UE_{200} 11 25.5 29°.01 2°.4/26.6 17

10 18	4 33.90	+28 20.0	1.780	2.569	16.4	21.1
10 28	4 29.87	+28 18.7	1.700	2.572	13.1	20.9
11 7	4 23.03	+28 5.9	1.641	2.575	9.2	20.6
11 17	4 14.08	+27 40.4	1.606	2.579	5.1	20.4
11 27	4 4.16	+27 3.0	1.599	2.582	2.4	20.2
12 7	3 54.59	+26 17.2	1.620	2.586	5.4	20.5
12 17	3 46.58	+25 28.4	1.668	2.591	9.5	20.7
12 27	3 41.05	+24 42.3	1.741	2.595	13.2	20.9

340073 2005 VV_{113} 11 25.5 269°.13 1°.6/26.1 18

10 18	4 35.97	+25 29.2	1.705	2.499	16.8	21.4
10 28	4 31.85	+25 34.7	1.610	2.486	13.5	21.2
11 7	4 24.66	+25 31.4	1.535	2.472	9.4	20.9
11 17	4 14.99	+25 17.7	1.484	2.459	4.9	20.6
11 27	4 3.98	+24 53.7	1.460	2.445	1.7	20.4
12 7	3 53.08	+24 22.0	1.464	2.431	5.8	20.6
12 17	3 43.69	+23 47.4	1.496	2.417	10.4	20.9
12 27	3 36.95	+23 15.7	1.552	2.403	14.6	21.1

386061 2007 GP_{36} 11 25.5 325°.35 0°.2/25.6 18

10 18	4 33.25	+20 21.0	1.315	2.139	19.2	20.3
10 28	4 30.49	+20 40.0	1.229	2.124	15.3	20.0
11 7	4 24.20	+20 55.6	1.161	2.109	10.6	19.7
11 17	4 14.94	+21 7.0	1.116	2.095	5.1	19.4
11 27	4 3.99	+21 14.1	1.096	2.082	0.9	19.0
12 7	3 53.08	+21 18.6	1.101	2.070	6.8	19.4
12 17	3 43.94	+21 23.5	1.131	2.058	12.4	19.7
12 27	3 37.93	+21 32.8	1.182	2.047	17.3	19.9

446002 2013 CE_{26} 11 25.5 307°.75 5°.1/23.4 18

10 18	4 32.08	+ 9 31.8	1.826	2.632	15.4	21.3
10 28	4 28.08	+ 8 42.9	1.748	2.630	12.3	21.0
11 7	4 21.65	+ 7 55.7	1.692	2.628	8.8	20.8
11 17	4 13.40	+ 7 14.7	1.661	2.626	5.9	20.7
11 27	4 4.29	+ 6 44.4	1.657	2.624	5.4	20.6
12 7	3 55.44	+ 6 28.4	1.681	2.622	7.9	20.8
12 17	3 47.87	+ 6 28.6	1.731	2.621	11.4	21.0
12 27	3 42.41	+ 6 45.2	1.805	2.619	14.6	21.2

235189 2003 SW_{107} 11 25.5 166°.19 6°.5/28.9 18

10 18	4 42.12	+40 41.9	2.349	3.063	14.9	20.5
10 28	4 36.09	+41 24.8	2.262	3.068	12.6	20.4
11 7	4 27.17	+41 53.0	2.195	3.073	10.2	20.2
11 17	4 16.04	+42 2.0	2.152	3.077	7.8	20.1
11 27	4 3.83	+41 48.8	2.138	3.080	6.5	20.0
12 7	3 51.91	+41 14.5	2.151	3.083	7.1	20.0
12 17	3 41.55	+40 23.2	2.193	3.085	9.2	20.2
12 27	3 33.71	+39 22.2	2.261	3.086	11.6	20.3

516792 2010 EW_{135} 11 25.5 191°.24 3°.7/23.8 18

10 18	4 33.80	+12 32.5	2.093	2.888	14.0	22.3
10 28	4 29.10	+11 48.2	2.009	2.887	11.1	22.1
11 7	4 22.18	+11 3.2	1.948	2.885	7.8	21.9
11 17	4 13.61	+10 20.5	1.913	2.883	4.6	21.7
11 27	4 4.26	+ 9 44.0	1.908	2.881	3.9	21.7
12 7	3 55.15	+ 9 17.2	1.931	2.878	6.6	21.8
12 17	3 47.20	+ 9 2.5	1.983	2.875	10.0	22.0
12 27	3 41.18	+ 9 1.2	2.059	2.872	13.1	22.2

195913 2002 RG_{73} 11 25.5 324°.60 4°.2/27.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 33.31	+33 25.2	2.259	3.019	14.2	20.4
10 28	4 29.08	+33 49.2	2.167	3.014	11.6	20.2
11 7	4 22.37	+34 1.9	2.096	3.010	8.7	20.0
11 17	4 13.78	+34 0.8	2.050	3.006	5.8	19.8
11 27	4 4.23	+33 44.7	2.032	3.002	4.2	19.7
12 7	3 54.86	+33 15.2	2.042	2.998	5.5	19.8
12 17	3 46.73	+32 36.0	2.081	2.994	8.4	20.0
12 27	3 40.73	+31 52.3	2.145	2.991	11.4	20.1

193158 Haechan 11 25.5 202°.49 2°.3/24.3 18

10 18	4 30.35	+13 50.2	2.696	3.483	11.4	20.8
10 28	4 25.95	+13 29.4	2.606	3.481	9.0	20.6
11 7	4 19.83	+13 8.3	2.541	3.479	6.2	20.4
11 17	4 12.45	+12 48.4	2.503	3.476	3.4	20.2
11 27	4 4.47	+12 31.8	2.494	3.473	2.5	20.2
12 7	3 56.63	+12 20.6	2.517	3.470	4.8	20.3
12 17	3 49.65	+12 16.2	2.568	3.466	7.7	20.5
12 27	3 44.13	+12 19.8	2.646	3.463	10.4	20.7

304310 2006 SG_{157} 11 25.5 349°.34 1°.7/26.2 18

10 18	4 33.91	+25 39.7	1.802	2.596	16.0	21.5
10 28	4 29.88	+25 47.0	1.718	2.594	12.8	21.3
11 7	4 23.08	+25 45.8	1.655	2.593	8.9	21.1
11 17	4 14.15	+25 34.9	1.617	2.592	4.6	20.8
11 27	4 4.17	+25 14.8	1.606	2.591	1.7	20.6
12 7	3 54.44	+24 48.1	1.623	2.590	5.3	20.9
12 17	3 46.17	+24 18.8	1.668	2.589	9.5	21.1
12 27	3 40.32	+23 51.8	1.737	2.589	13.3	21.3

518857 2010 DM_{60} 11 25.5 258°.85 4°.8/28.5 17

10 18	4 34.30	+37 39.3	2.474	3.210	13.7	21.5
10 28	4 29.68	+37 49.0	2.376	3.204	11.4	21.3
11 7	4 22.67	+37 44.9	2.300	3.198	8.8	21.1
11 17	4 13.88	+37 24.4	2.248	3.192	6.3	21.0
11 27	4 4.22	+36 46.5	2.225	3.186	4.8	20.9
12 7	3 54.80	+35 53.3	2.230	3.180	5.7	20.9
12 17	3 46.64	+34 49.2	2.265	3.173	8.1	21.0
12 27	3 40.54	+33 40.1	2.326	3.167	10.8	21.2

72896 2001 KA_{54} 11 25.5 104°.88 1°.5/24.7 18

10 18	4 30.66	+17 46.0	2.422	3.213	12.5	19.7
10 28	4 26.35	+17 17.5	2.341	3.219	9.7	19.5
11 7	4 20.16	+16 45.8	2.284	3.225	6.6	19.3
11 17	4 12.60	+16 12.5	2.255	3.232	3.2	19.1
11 27	4 4.45	+15 40.1	2.254	3.238	1.7	19.0
12 7	3 56.55	+15 11.2	2.284	3.244	4.7	19.3
12 17	3 49.66	+14 48.4	2.343	3.250	8.0	19.5
12 27	3 44.42	+14 33.8	2.428	3.255	10.8	19.7

435502 2008 GD_{121} 11 25.5 235°.01 1°.3/25.9 18

10 18	4 38.79	+23 21.3	1.668	2.461	17.1	22.0
10 28	4 34.08	+23 42.4	1.577	2.454	13.7	21.7
11 7	4 26.19	+23 57.8	1.507	2.446	9.5	21.5
11 17	4 15.74	+24 5.7	1.461	2.438	4.8	21.2
11 27	4 3.89	+24 5.3	1.444	2.429	1.4	20.9
12 7	3 52.16	+23 58.2	1.454	2.420	5.9	21.2
12 17	3 42.02	+23 47.7	1.492	2.411	10.6	21.5
12 27	3 34.62	+23 38.6	1.553	2.402	14.8	21.7

366697 2003 WG_{31} 11 25.5 358°.07 0°.6/25.9 17

10 18	4 30.77	+24 59.3	2.137	2.926	14.0	20.4
10 28	4 26.87	+24 34.2	2.050	2.925	11.0	20.2
11 7	4 20.73	+24 0.3	1.986	2.925	7.5	20.0
11 17	4 12.94	+23 17.9	1.947	2.924	3.7	19.7
11 27	4 4.39	+22 29.4	1.938	2.924	0.7	19.5
12 7	3 56.11	+21 38.4	1.958	2.924	4.6	19.8
12 17	3 49.03	+20 49.1	2.006	2.924	8.4	20.0
12 27	3 43.91	+20 5.8	2.080	2.925	11.7	20.2

245318 2005 EO_{72} 11 25.5 330°.11 0°.9/25.8 18

10 18	4 34.01	+21 10.2	1.470	2.284	18.0	19.8
10 28	4 30.73	+21 41.7	1.383	2.272	14.4	19.5
11 7	4 24.16	+22 10.4	1.315	2.260	9.9	19.2
11 17	4 14.87	+22 34.7	1.270	2.248	4.9	18.9
11 27	4 4.05	+22 53.6	1.252	2.238	1.1	18.6
12 7	3 53.28	+23 7.6	1.260	2.228	6.2	18.9
12 17	3 44.13	+23 19.1	1.294	2.219	11.4	19.2
12 27	3 37.85	+23 31.6	1.350	2.210	15.8	19.4

523371 2017 CQ_{35} 11 25.5 336°.52 5°.2/28.2 17

10 18	4 34.57	+36 21.4	2.114	2.866	15.3	21.4
10 28	4 30.31	+36 45.1	2.024	2.863	12.7	21.2
11 7	4 23.33	+36 54.7	1.955	2.861	9.8	21.0
11 17	4 14.27	+36 47.1	1.910	2.858	6.9	20.8
11 27	4 4.18	+36 20.7	1.893	2.856	5.2	20.7
12 7	3 54.35	+35 37.4	1.903	2.854	6.3	20.8
12 17	3 45.95	+34 41.9	1.941	2.852	9.0	20.9
12 27	3 39.92	+33 40.9	2.004	2.851	12.0	21.1

228981 2003 UC_{316} 11 25.5 81°.98 3°.9/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 30.56	+ 9 56.2	2.307	3.102	12.9	20.2
10 28	4 26.32	+ 9 23.0	2.231	3.108	10.2	20.1
11 7	4 20.16	+ 8 51.8	2.179	3.113	7.3	19.9
11 17	4 12.63	+ 8 25.5	2.152	3.119	4.6	19.7
11 27	4 4.48	+ 8 6.9	2.155	3.124	4.1	19.7
12 7	3 56.56	+ 7 58.5	2.187	3.130	6.3	19.9
12 17	3 49.67	+ 8 1.4	2.246	3.135	9.1	20.1
12 27	3 44.45	+ 8 16.0	2.331	3.140	11.8	20.2

156254 2001 UM_{217} 11 25.5 297°.33 2°.7/24.5 18

10 18	4 33.03	+17 6.6	1.546	2.362	17.2	20.3
10 28	4 29.53	+16 29.7	1.459	2.350	13.6	20.1
11 7	4 23.06	+15 47.7	1.393	2.339	9.4	19.8
11 17	4 14.23	+15 3.3	1.350	2.328	4.8	19.5
11 27	4 4.19	+14 20.7	1.335	2.317	3.0	19.4
12 7	3 54.33	+13 44.9	1.346	2.307	7.1	19.6
12 17	3 46.00	+13 20.3	1.383	2.296	11.8	19.8
12 27	3 40.26	+13 10.0	1.443	2.286	16.0	20.1

142307 2002 RS_{158} 11 25.5 123°.04 0°.3/25.7 18

10 18	4 35.96	+22 59.7	2.145	2.927	14.2	21.5
10 28	4 30.75	+22 48.8	2.069	2.940	11.1	21.3
11 7	4 23.24	+22 31.4	2.016	2.954	7.5	21.1
11 17	4 14.09	+22 7.7	1.990	2.967	3.6	20.9
11 27	4 4.24	+21 39.2	1.993	2.979	0.6	20.7
12 7	3 54.74	+21 8.7	2.026	2.991	4.6	21.0
12 17	3 46.56	+20 39.7	2.088	3.003	8.3	21.3
12 27	3 40.43	+20 15.5	2.177	3.014	11.6	21.5

69362 1994 PX_{13} 11 25.5 10°.55 2°.4/24.6 18

10 18	4 30.89	+17 29.2	1.408	2.233	18.1	18.5
10 28	4 27.92	+16 56.7	1.338	2.235	14.2	18.3
11 7	4 21.92	+16 19.6	1.289	2.238	9.7	18.0
11 17	4 13.64	+15 40.9	1.263	2.241	4.8	17.8
11 27	4 4.30	+15 4.7	1.262	2.246	2.8	17.7
12 7	3 55.37	+14 35.6	1.288	2.251	7.0	17.9
12 17	3 48.13	+14 17.7	1.339	2.257	11.7	18.2
12 27	3 43.55	+14 13.3	1.412	2.264	15.8	18.5

260111 2004 PO_{6} 11 25.5 105°.71 3°.2/27.4 18

10 18	4 35.90	+32 15.4	2.350	3.105	13.8	21.3
10 28	4 30.68	+32 20.0	2.274	3.121	11.2	21.1
11 7	4 23.18	+32 13.2	2.219	3.137	8.1	21.0
11 17	4 14.05	+31 53.4	2.191	3.152	5.1	20.8
11 27	4 4.25	+31 20.8	2.192	3.167	3.2	20.7
12 7	3 54.82	+30 38.0	2.222	3.182	4.8	20.9
12 17	3 46.73	+29 49.2	2.282	3.196	7.7	21.1
12 27	3 40.68	+28 59.5	2.369	3.211	10.6	21.3

187228 2005 SC_{144} 11 25.5 354°.17 0°.5/25.3 18

10 18	4 33.09	+19 52.1	2.017	2.813	14.5	20.8
10 28	4 28.80	+19 48.5	1.933	2.812	11.4	20.6
11 7	4 22.13	+19 40.8	1.870	2.812	7.7	20.4
11 17	4 13.65	+19 29.7	1.834	2.812	3.6	20.1
11 27	4 4.30	+19 16.5	1.826	2.812	0.9	19.9
12 7	3 55.17	+19 3.4	1.847	2.812	5.0	20.2
12 17	3 47.28	+18 53.1	1.896	2.812	9.0	20.4
12 27	3 41.44	+18 48.3	1.970	2.812	12.4	20.7

45181 1999 XZ_{146} 11 25.6 96°.33 0°.9/25.3 18

10 18	4 38.49	+19 4.6	1.516	2.321	18.0	19.6
10 28	4 33.63	+19 2.8	1.448	2.333	14.1	19.3
11 7	4 25.66	+18 57.1	1.400	2.344	9.6	19.1
11 17	4 15.36	+18 47.9	1.377	2.356	4.5	18.8
11 27	4 4.03	+18 36.8	1.381	2.367	1.3	18.7
12 7	3 53.17	+18 26.7	1.413	2.378	6.2	19.0
12 17	3 44.11	+18 20.7	1.471	2.389	10.9	19.3
12 27	3 37.85	+18 21.9	1.553	2.399	14.9	19.6

489047 2005 YJ_{64} 11 25.6 332°.16 0°.4/25.4 17

10 18	4 31.53	+20 19.2	1.921	2.723	14.9	21.8
10 28	4 27.79	+20 16.0	1.833	2.716	11.7	21.6
11 7	4 21.57	+20 8.2	1.766	2.709	8.0	21.4
11 17	4 13.44	+19 56.5	1.725	2.703	3.8	21.1
11 27	4 4.34	+19 42.2	1.711	2.697	0.8	20.9
12 7	3 55.41	+19 27.7	1.726	2.692	5.2	21.2
12 17	3 47.73	+19 15.8	1.768	2.687	9.3	21.4
12 27	3 42.17	+19 9.6	1.835	2.682	13.0	21.6

46087 2001 EQ_{11} 11 25.6 261°.82 7°.7/22.4 18

10 18	4 32.92	+ 1 41.6	1.899	2.691	15.4	18.3
10 28	4 28.67	+ 0 47.6	1.818	2.683	12.7	18.1
11 7	4 22.05	+ 0 1.2	1.759	2.675	10.0	17.9
11 17	4 13.63	− 0 31.9	1.725	2.666	8.1	17.8
11 27	4 4.32	− 0 46.5	1.717	2.658	8.0	17.8
12 7	3 55.18	− 0 39.7	1.736	2.649	9.9	17.9
12 17	3 47.25	− 0 11.2	1.780	2.640	12.6	18.0
12 27	3 41.34	+ 0 37.1	1.846	2.632	15.4	18.2

511819 2015 FB_{158} 11 25.6 222°.56 0°.2/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 38.30	+19 56.4	1.614	2.414	17.3	22.1
10 28	4 33.63	+20 6.4	1.528	2.410	13.7	21.8
11 7	4 25.84	+20 12.9	1.463	2.405	9.4	21.6
11 17	4 15.56	+20 15.2	1.423	2.401	4.4	21.3
11 27	4 3.98	+20 13.9	1.410	2.396	0.8	21.0
12 7	3 52.58	+20 11.0	1.425	2.391	6.0	21.3
12 17	3 42.80	+20 9.3	1.467	2.385	10.9	21.6
12 27	3 35.73	+20 12.4	1.533	2.380	15.1	21.8

78345 2002 PW_{93} 11 25.6 114°.56 6°.0/22.8 18

10 18	4 30.88	+ 1 58.2	2.468	3.249	12.6	19.5
10 28	4 26.39	+ 1 22.5	2.396	3.254	10.3	19.3
11 7	4 20.14	+ 0 53.7	2.346	3.260	8.0	19.2
11 17	4 12.60	+ 0 35.5	2.323	3.265	6.3	19.1
11 27	4 4.51	+ 0 30.7	2.328	3.270	6.1	19.1
12 7	3 56.64	+ 0 41.2	2.361	3.275	7.6	19.2
12 17	3 49.71	+ 1 6.8	2.422	3.280	9.8	19.3
12 27	3 44.34	+ 1 46.4	2.507	3.285	12.0	19.5

517473 2014 PD_{72} 11 25.6 99°.25 0°.2/25.5 18

10 18	4 33.38	+20 53.3	2.192	2.981	13.7	22.1
10 28	4 28.75	+20 48.9	2.114	2.989	10.7	21.9
11 7	4 21.93	+20 40.0	2.058	2.998	7.2	21.7
11 17	4 13.51	+20 26.9	2.028	3.006	3.4	21.5
11 27	4 4.37	+20 11.1	2.028	3.014	0.6	21.2
12 7	3 55.50	+19 54.6	2.058	3.023	4.6	21.6
12 17	3 47.82	+19 40.0	2.116	3.031	8.2	21.8
12 27	3 42.06	+19 30.1	2.200	3.039	11.4	22.0

62269 2000 SD_{91} 11 25.6 147°.42 1°.9/26.8 18

10 18	4 34.28	+29 55.3	2.270	3.038	13.9	18.0
10 28	4 29.48	+29 26.0	2.182	3.041	11.1	17.8
11 7	4 22.42	+28 44.5	2.117	3.045	7.9	17.6
11 17	4 13.73	+27 50.5	2.078	3.048	4.3	17.4
11 27	4 4.34	+26 45.9	2.068	3.051	1.9	17.2
12 7	3 55.31	+25 34.7	2.089	3.054	4.5	17.4
12 17	3 47.56	+24 22.3	2.139	3.057	8.0	17.6
12 27	3 41.82	+23 14.2	2.217	3.060	11.2	17.8

263362 2008 CC_{155} 11 25.6 82°.23 1°.4/25.0 18

10 18	4 34.26	+17 11.8	1.971	2.768	14.7	21.1
10 28	4 29.63	+17 7.9	1.895	2.776	11.5	20.9
11 7	4 22.63	+17 2.1	1.842	2.784	7.8	20.7
11 17	4 13.87	+16 55.4	1.815	2.792	3.8	20.5
11 27	4 4.31	+16 49.3	1.816	2.801	1.6	20.3
12 7	3 55.05	+16 45.8	1.846	2.809	5.3	20.6
12 17	3 47.09	+16 46.9	1.905	2.817	9.1	20.9
12 27	3 41.21	+16 54.4	1.989	2.825	12.5	21.1

72686 2001 FQ_{67} 11 25.6 190°.02 3°.1/23.7 18

10 18	4 30.30	+11 35.1	2.815	3.600	11.1	20.3
10 28	4 25.81	+10 59.0	2.727	3.599	8.7	20.2
11 7	4 19.69	+10 23.2	2.663	3.597	6.1	20.0
11 17	4 12.40	+ 9 49.9	2.627	3.595	3.8	19.8
11 27	4 4.57	+ 9 21.8	2.622	3.593	3.2	19.8
12 7	3 56.89	+ 9 1.0	2.647	3.590	5.2	19.9
12 17	3 50.03	+ 8 49.4	2.700	3.587	7.9	20.1
12 27	3 44.56	+ 8 47.9	2.780	3.584	10.3	20.3

177218 2003 UL_{174} 11 25.6 47°.88 1°.3/26.0 18

10 18	4 36.65	+25 0.1	1.249	2.065	20.5	20.4
10 28	4 32.96	+24 56.0	1.185	2.074	16.2	20.1
11 7	4 25.60	+24 40.5	1.140	2.084	11.2	19.9
11 17	4 15.44	+24 12.8	1.116	2.094	5.6	19.6
11 27	4 4.06	+23 34.7	1.118	2.104	1.4	19.4
12 7	3 53.29	+22 51.3	1.146	2.115	6.6	19.7
12 17	3 44.71	+22 9.3	1.199	2.126	11.9	20.1
12 27	3 39.42	+21 35.2	1.274	2.137	16.4	20.4

263942 2009 HZ_{69} 11 25.6 91°.78 1°.1/26.0 18

10 18	4 35.28	+24 14.3	1.982	2.769	15.0	21.5
10 28	4 30.55	+24 22.3	1.905	2.778	11.8	21.3
11 7	4 23.31	+24 23.5	1.850	2.787	8.1	21.1
11 17	4 14.22	+24 17.1	1.820	2.796	4.1	20.9
11 27	4 4.26	+24 3.7	1.819	2.805	1.2	20.7
12 7	3 54.63	+23 45.5	1.847	2.814	4.8	21.0
12 17	3 46.38	+23 25.7	1.904	2.822	8.7	21.2
12 27	3 40.33	+23 8.3	1.986	2.831	12.2	21.5

441030 2007 EB_{221} 11 25.6 220°.84 0°.3/25.4 18

10 18	4 36.70	+20 49.6	1.913	2.704	15.3	22.4
10 28	4 31.88	+20 43.4	1.820	2.697	12.1	22.2
11 7	4 24.39	+20 32.0	1.749	2.690	8.3	21.9
11 17	4 14.81	+20 15.5	1.704	2.682	3.9	21.7
11 27	4 4.15	+19 55.3	1.687	2.673	0.8	21.4
12 7	3 53.66	+19 33.9	1.700	2.665	5.4	21.7
12 17	3 44.50	+19 14.7	1.741	2.655	9.7	22.0
12 27	3 37.63	+19 1.5	1.806	2.646	13.5	22.2

178871 2001 MA_8 11 25.6 123°.97 1°.4/26.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 41.83	+27 22.4	2.392	3.146	13.6	22.9
10 28	4 34.94	+27 9.0	2.320	3.173	10.8	22.7
11 7	4 25.85	+26 46.3	2.272	3.199	7.5	22.5
11 17	4 15.26	+26 13.9	2.252	3.224	3.9	22.4
11 27	4 4.12	+25 32.9	2.263	3.247	1.5	22.2
12 7	3 53.47	+24 46.6	2.306	3.269	4.3	22.5
12 17	3 44.24	+23 59.1	2.379	3.291	7.6	22.7
12 27	3 37.07	+23 14.8	2.480	3.310	10.6	22.9

160008 2007 JJ 11 25.6 186°.67 4°.9/22.3 18

10 18	4 29.73	+ 6 36.6	2.679	3.465	11.5	20.5
10 28	4 25.41	+ 5 31.9	2.597	3.464	9.3	20.4
11 7	4 19.45	+ 4 29.4	2.540	3.464	7.0	20.2
11 17	4 12.30	+ 3 32.8	2.511	3.463	5.2	20.1
11 27	4 4.61	+ 2 46.3	2.511	3.461	5.2	20.1
12 7	3 57.11	+ 2 12.6	2.540	3.460	6.9	20.2
12 17	3 50.46	+ 1 53.7	2.598	3.458	9.1	20.4
12 27	3 45.23	+ 1 49.8	2.679	3.456	11.4	20.5

471066 2009 VK_{62} 11 25.6 8°.43 0°.5/25.7 18

10 18	4 31.73	+21 41.5	1.115	1.952	21.1	20.9
10 28	4 29.54	+21 54.8	1.051	1.953	16.7	20.7
11 7	4 23.58	+22 1.3	1.005	1.955	11.4	20.4
11 17	4 14.62	+22 0.4	0.979	1.959	5.5	20.1
11 27	4 4.21	+21 53.0	0.978	1.964	1.0	19.8
12 7	3 54.26	+21 42.4	1.000	1.970	7.0	20.2
12 17	3 46.47	+21 33.0	1.046	1.978	12.6	20.5
12 27	3 42.07	+21 29.7	1.113	1.987	17.4	20.8

134495 1998 YT_{21} 11 25.6 348°.08 4°.2/27.4 17

10 18	4 31.98	+31 55.7	1.535	2.330	18.3	19.1
10 28	4 29.11	+32 4.5	1.452	2.324	14.9	18.9
11 7	4 22.97	+31 57.7	1.388	2.318	11.0	18.6
11 17	4 14.26	+31 32.5	1.347	2.313	6.8	18.4
11 27	4 4.27	+30 48.5	1.331	2.309	4.2	18.2
12 7	3 54.59	+29 49.6	1.341	2.306	6.5	18.3
12 17	3 46.70	+28 42.8	1.377	2.303	10.7	18.6
12 27	3 41.69	+27 36.4	1.436	2.301	14.8	18.8

208321 2001 NR_{13} 11 25.6 118°.85 3°.0/27.2 18

10 18	4 38.60	+31 19.5	2.448	3.198	13.5	21.6
10 28	4 32.64	+31 30.4	2.374	3.219	10.8	21.5
11 7	4 24.44	+31 30.9	2.322	3.240	7.8	21.3
11 17	4 14.66	+31 19.4	2.297	3.259	4.8	21.2
11 27	4 4.23	+30 55.9	2.302	3.278	3.0	21.1
12 7	3 54.19	+30 22.4	2.338	3.297	4.6	21.2
12 17	3 45.47	+29 42.8	2.403	3.315	7.5	21.4
12 27	3 38.78	+29 1.8	2.495	3.332	10.3	21.7

190002 2004 JP_{14} 11 25.6 92°.90 2°.1/24.8 18

10 18	4 39.62	+16 12.1	1.733	2.528	16.5	20.8
10 28	4 33.83	+15 56.7	1.675	2.554	12.9	20.6
11 7	4 25.40	+15 39.6	1.639	2.580	8.7	20.4
11 17	4 15.12	+15 22.4	1.629	2.605	4.3	20.2
11 27	4 4.16	+15 7.5	1.647	2.630	2.3	20.1
12 7	3 53.78	+14 57.4	1.695	2.654	6.0	20.4
12 17	3 45.06	+14 54.4	1.770	2.678	10.0	20.7
12 27	3 38.78	+15 0.2	1.870	2.701	13.4	21.0

268292 2005 QN_{74} 11 25.6 64°.29 1°.6/26.1 18

10 18	4 39.66	+25 8.4	1.383	2.186	19.5	20.5
10 28	4 34.75	+25 14.6	1.329	2.210	15.4	20.3
11 7	4 26.45	+25 10.8	1.294	2.234	10.6	20.1
11 17	4 15.72	+24 55.7	1.282	2.259	5.3	19.8
11 27	4 4.07	+24 30.4	1.297	2.283	1.7	19.7
12 7	3 53.18	+23 59.0	1.340	2.307	6.0	20.0
12 17	3 44.43	+23 27.0	1.408	2.331	10.8	20.4
12 27	3 38.76	+23 0.1	1.500	2.355	14.8	20.7

90804 1994 WL_8 11 25.6 73°.47 3°.5/24.2 18

10 18	4 32.75	+10 55.7	2.118	2.914	13.9	19.7
10 28	4 28.19	+10 38.7	2.046	2.924	10.9	19.6
11 7	4 21.52	+10 23.9	1.997	2.934	7.6	19.4
11 17	4 13.33	+10 13.7	1.974	2.944	4.6	19.2
11 27	4 4.46	+10 10.5	1.980	2.954	3.7	19.2
12 7	3 55.88	+10 15.9	2.014	2.964	6.1	19.4
12 17	3 48.45	+10 30.9	2.077	2.974	9.3	19.6
12 27	3 42.89	+10 55.7	2.165	2.984	12.3	19.8

181828 1998 SU_{58} 11 25.6 57°.19 5°.6/23.7 18

10 18	4 36.49	+12 0.6	1.270	2.094	19.8	19.7
10 28	4 32.04	+10 53.9	1.226	2.119	15.5	19.5
11 7	4 24.46	+ 9 48.5	1.201	2.145	10.9	19.3
11 17	4 14.72	+ 8 50.5	1.200	2.170	6.7	19.2
11 27	4 4.25	+ 8 6.4	1.224	2.196	5.9	19.2
12 7	3 54.59	+ 7 40.7	1.274	2.222	9.1	19.5
12 17	3 46.96	+ 7 35.3	1.348	2.248	13.1	19.8
12 27	3 42.17	+ 7 49.2	1.444	2.275	16.7	20.1

380398 2002 XL_{93} 11 25.6 39°.15 0°.3/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 36.28	+20 8.0	1.170	1.998	20.9	20.4
10 28	4 32.63	+20 15.4	1.117	2.014	16.4	20.1
11 7	4 25.33	+20 17.6	1.082	2.031	11.1	19.9
11 17	4 15.30	+20 14.7	1.069	2.048	5.2	19.6
11 27	4 4.14	+20 8.0	1.080	2.067	1.0	19.4
12 7	3 53.69	+20 0.7	1.118	2.086	6.8	19.8
12 17	3 45.47	+19 56.6	1.179	2.106	12.1	20.2
12 27	3 40.53	+19 59.4	1.262	2.126	16.5	20.5

417379 2006 HS_{55} 11 25.6 232°.02 0°.2/25.5 18

10 18	4 34.09	+19 21.5	2.799	3.574	11.4	21.6
10 28	4 28.99	+19 38.4	2.696	3.563	9.0	21.4
11 7	4 22.01	+19 53.6	2.616	3.553	6.1	21.2
11 17	4 13.59	+20 6.8	2.565	3.542	2.9	21.0
11 27	4 4.41	+20 18.2	2.545	3.531	0.5	20.8
12 7	3 55.26	+20 28.4	2.556	3.519	3.9	21.0
12 17	3 46.93	+20 38.6	2.597	3.508	7.1	21.2
12 27	3 40.13	+20 50.5	2.666	3.495	9.9	21.4

358227 2006 SA_{258} 11 25.6 343°.19 3°.1/26.7 18

10 18	4 35.59	+28 33.9	1.889	2.670	15.8	21.0
10 28	4 31.23	+29 1.3	1.803	2.669	12.8	20.8
11 7	4 24.06	+29 19.7	1.739	2.668	9.2	20.5
11 17	4 14.70	+29 26.4	1.699	2.667	5.4	20.3
11 27	4 4.22	+29 20.5	1.686	2.666	3.1	20.2
12 7	3 53.96	+29 3.3	1.702	2.665	5.6	20.3
12 17	3 45.15	+28 38.6	1.746	2.665	9.3	20.6
12 27	3 38.78	+28 11.8	1.814	2.664	12.9	20.8

510321 2011 RK_{19} 11 25.6 136°.72 7°.2/29.4 18

10 18	4 41.35	+41 30.6	2.052	2.775	16.5	21.1
10 28	4 35.88	+42 9.0	1.972	2.783	14.1	20.9
11 7	4 27.24	+42 30.3	1.910	2.790	11.3	20.7
11 17	4 16.18	+42 29.1	1.872	2.797	8.7	20.6
11 27	4 3.99	+42 2.8	1.860	2.803	7.2	20.5
12 7	3 52.23	+41 13.0	1.875	2.810	7.8	20.6
12 17	3 42.28	+40 5.4	1.918	2.815	10.0	20.7
12 27	3 35.17	+38 48.6	1.987	2.821	12.6	20.9

171154 2005 GG_{87} 11 25.6 316°.80 0°.4/25.7 18

10 18	4 32.60	+21 49.1	1.561	2.372	17.3	20.4
10 28	4 29.47	+21 56.0	1.466	2.354	13.8	20.1
11 7	4 23.25	+21 57.1	1.392	2.337	9.5	19.8
11 17	4 14.47	+21 52.1	1.341	2.320	4.6	19.5
11 27	4 4.25	+21 41.4	1.317	2.303	0.8	19.1
12 7	3 54.07	+21 27.6	1.319	2.287	6.1	19.5
12 17	3 45.37	+21 14.2	1.347	2.271	11.1	19.7
12 27	3 39.35	+21 5.9	1.398	2.257	15.5	19.9

262489 2006 US_{203} 11 25.6 3°.56 7°.9/29.3 17

10 18	4 31.48	+39 0.4	1.380	2.163	20.6	19.8
10 28	4 29.38	+39 34.8	1.308	2.162	17.4	19.6
11 7	4 23.49	+39 47.4	1.252	2.162	13.7	19.4
11 17	4 14.60	+39 32.3	1.218	2.163	10.2	19.2
11 27	4 4.28	+38 47.0	1.206	2.166	8.0	19.0
12 7	3 54.45	+37 35.2	1.218	2.171	8.9	19.1
12 17	3 46.83	+36 5.7	1.255	2.177	12.0	19.3
12 27	3 42.59	+34 30.3	1.314	2.184	15.6	19.5

517054 2013 AL_{108} 11 25.6 259°.46 1°.6/24.9 18

10 18	4 33.63	+18 5.8	1.930	2.728	14.9	21.7
10 28	4 29.42	+17 45.4	1.837	2.719	11.8	21.5
11 7	4 22.69	+17 21.0	1.767	2.710	8.0	21.3
11 17	4 14.03	+16 54.1	1.722	2.700	3.9	21.0
11 27	4 4.37	+16 27.0	1.706	2.691	1.8	20.8
12 7	3 54.87	+16 3.0	1.719	2.681	5.7	21.1
12 17	3 46.61	+15 45.2	1.759	2.671	9.8	21.3
12 27	3 40.49	+15 36.4	1.824	2.661	13.5	21.5

306828 2001 RV_{31} 11 25.6 66°.84 1°.4/25.0 18

10 18	4 38.30	+20 26.8	1.408	2.218	18.9	20.4
10 28	4 33.35	+19 48.5	1.357	2.244	14.7	20.2
11 7	4 25.31	+19 3.1	1.325	2.271	9.8	20.0
11 17	4 15.14	+18 13.1	1.318	2.297	4.6	19.8
11 27	4 4.23	+17 22.8	1.338	2.324	1.8	19.7
12 7	3 54.11	+16 37.5	1.386	2.350	6.4	20.1
12 17	3 45.99	+16 2.0	1.460	2.376	11.0	20.4
12 27	3 40.70	+15 39.5	1.557	2.402	14.9	20.7

358589 2007 UV_{37} 11 25.6 16°.14 6°.1/23.8 17

10 18	4 29.02	+10 22.3	1.169	2.012	20.0	20.1
10 28	4 26.77	+ 9 34.0	1.116	2.020	15.8	19.8
11 7	4 21.28	+ 8 49.1	1.082	2.029	11.3	19.6
11 17	4 13.40	+ 8 13.7	1.069	2.040	7.2	19.4
11 27	4 4.50	+ 7 53.8	1.080	2.053	6.4	19.4
12 7	3 56.16	+ 7 53.0	1.115	2.067	9.6	19.6
12 17	3 49.70	+ 8 12.3	1.173	2.083	13.8	19.9
12 27	3 46.09	+ 8 50.0	1.251	2.100	17.6	20.2

40601 1999 RQ_{151} 11 25.6 3°.27 0°.8/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 31.97	+19 13.3	1.873	2.676	15.1	19.0
10 28	4 28.12	+19 7.5	1.792	2.676	11.9	18.8
11 7	4 21.80	+18 57.9	1.732	2.676	8.1	18.6
11 17	4 13.58	+18 45.3	1.698	2.677	3.8	18.3
11 27	4 4.46	+18 31.5	1.692	2.677	1.1	18.1
12 7	3 55.58	+18 18.8	1.714	2.679	5.3	18.4
12 17	3 48.00	+18 10.1	1.763	2.680	9.4	18.7
12 27	3 42.57	+18 7.9	1.837	2.682	13.0	18.9

56456 2000 GE_{89} 11 25.6 133°.43 0°.0/25.6 18

10 18	4 38.61	+20 37.2	1.759	2.551	16.4	18.9
10 28	4 33.46	+20 46.1	1.682	2.559	12.9	18.7
11 7	4 25.47	+20 50.9	1.626	2.567	8.8	18.5
11 17	4 15.33	+20 50.9	1.596	2.574	4.2	18.2
11 27	4 4.18	+20 46.8	1.595	2.581	0.7	18.0
12 7	3 53.36	+20 40.6	1.622	2.588	5.5	18.4
12 17	3 44.11	+20 35.1	1.677	2.594	9.8	18.6
12 27	3 37.35	+20 33.8	1.757	2.599	13.6	18.9

335688 2006 WG_{56} 11 25.6 254°.66 3°.2/26.9 18

10 18	4 37.09	+29 42.4	1.629	2.416	17.7	20.9
10 28	4 32.91	+29 49.6	1.542	2.410	14.4	20.7
11 7	4 25.48	+29 43.9	1.474	2.405	10.4	20.4
11 17	4 15.47	+29 22.5	1.430	2.399	6.0	20.1
11 27	4 4.15	+28 45.2	1.412	2.393	3.2	20.0
12 7	3 53.11	+27 55.2	1.422	2.388	6.1	20.1
12 17	3 43.81	+26 58.9	1.459	2.382	10.5	20.4
12 27	3 37.36	+26 3.9	1.520	2.376	14.7	20.6

144736 2004 GG_{42} 11 25.6 255°.98 3°.4/24.1 18

10 18	4 32.49	+12 48.5	1.993	2.793	14.4	20.2
10 28	4 28.29	+12 17.7	1.909	2.791	11.4	20.0
11 7	4 21.79	+11 46.9	1.848	2.788	8.0	19.8
11 17	4 13.56	+11 18.8	1.813	2.785	4.6	19.6
11 27	4 4.50	+10 56.6	1.806	2.782	3.6	19.6
12 7	3 55.64	+10 43.2	1.828	2.779	6.5	19.7
12 17	3 47.97	+10 40.7	1.877	2.777	10.0	19.9
12 27	3 42.29	+10 50.2	1.950	2.774	13.3	20.1

100908 1998 KH_{17} 11 25.6 84°.28 4°.9/22.9 17

10 18	4 43.40	+13 38.4	1.731	2.518	16.8	20.2
10 28	4 36.26	+11 49.5	1.688	2.561	13.1	20.0
11 7	4 26.69	+ 9 59.2	1.669	2.604	9.1	19.9
11 17	4 15.61	+ 8 14.3	1.679	2.645	5.7	19.8
11 27	4 4.22	+ 6 42.1	1.718	2.685	5.3	19.9
12 7	3 53.70	+ 5 28.4	1.788	2.723	8.0	20.1
12 17	3 45.01	+ 4 36.3	1.885	2.761	11.3	20.4
12 27	3 38.75	+ 4 6.2	2.006	2.797	14.2	20.7

162072 1997 TT_{17} 11 25.6 84°.36 2°.7/24.5 18

10 18	4 37.73	+18 8.4	1.344	2.160	19.3	19.0
10 28	4 33.22	+17 18.5	1.284	2.175	15.1	18.8
11 7	4 25.45	+16 22.6	1.244	2.190	10.2	18.5
11 17	4 15.32	+15 24.1	1.227	2.205	5.1	18.3
11 27	4 4.24	+14 28.6	1.237	2.220	3.1	18.2
12 7	3 53.82	+13 42.0	1.273	2.234	7.4	18.5
12 17	3 45.40	+13 9.1	1.335	2.248	12.2	18.8
12 27	3 39.91	+12 52.6	1.420	2.262	16.3	19.1

351825 2006 PS_{32} 11 25.6 100°.81 1°.8/26.1 18

10 18	4 39.21	+23 55.5	1.962	2.741	15.4	20.1
10 28	4 33.77	+24 36.9	1.884	2.752	12.2	19.9
11 7	4 25.63	+25 13.7	1.829	2.763	8.5	19.7
11 17	4 15.42	+25 43.3	1.799	2.773	4.4	19.5
11 27	4 4.21	+26 4.4	1.799	2.783	1.9	19.3
12 7	3 53.25	+26 17.4	1.829	2.793	5.1	19.6
12 17	3 43.74	+26 24.4	1.887	2.803	8.9	19.8
12 27	3 36.59	+26 29.1	1.971	2.813	12.4	20.1

523321 2017 BJ_{138} 11 25.6 359°.11 1°.4/26.2 17

10 18	4 33.35	+25 25.0	1.731	2.528	16.4	21.7
10 28	4 29.57	+25 25.0	1.649	2.527	13.1	21.5
11 7	4 22.97	+25 15.9	1.588	2.527	9.1	21.2
11 17	4 14.21	+24 57.0	1.551	2.527	4.6	21.0
11 27	4 4.40	+24 29.1	1.541	2.527	1.5	20.7
12 7	3 54.88	+23 55.5	1.559	2.527	5.4	21.0
12 17	3 46.87	+23 20.7	1.605	2.528	9.7	21.3
12 27	3 41.31	+22 49.8	1.674	2.529	13.6	21.5

381354 2008 CC_{215} 11 25.6 199°.38 0°.3/25.4 18

10 18	4 38.05	+21 9.3	1.891	2.679	15.6	22.4
10 28	4 32.94	+20 57.8	1.801	2.677	12.3	22.2
11 7	4 25.12	+20 40.4	1.733	2.673	8.4	21.9
11 17	4 15.20	+20 17.2	1.691	2.669	4.0	21.6
11 27	4 4.24	+19 49.9	1.677	2.664	0.8	21.4
12 7	3 53.49	+19 21.5	1.693	2.658	5.4	21.7
12 17	3 44.15	+18 55.9	1.738	2.652	9.7	22.0
12 27	3 37.16	+18 36.9	1.807	2.645	13.5	22.2

68746 2002 EM_{46} 11 25.6 112°.03 1°.5/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 37.50	+25 58.9	1.896	2.678	15.7	20.6
10 28	4 32.38	+25 57.5	1.822	2.691	12.5	20.4
11 7	4 24.61	+25 46.9	1.769	2.704	8.6	20.2
11 17	4 14.88	+25 26.6	1.743	2.717	4.4	20.0
11 27	4 4.31	+24 57.3	1.744	2.729	1.5	19.8
12 7	3 54.17	+24 22.3	1.775	2.741	5.0	20.1
12 17	3 45.56	+23 45.8	1.834	2.753	9.0	20.3
12 27	3 39.32	+23 12.8	1.919	2.764	12.5	20.6

178611 2000 ER_{55} 11 25.6 12°.53 22°.6/13.5 17

10 18	4 31.12	−14 13.8	0.965	1.775	25.6	19.6
10 28	4 29.02	−17 57.8	0.937	1.775	23.9	19.5
11 7	4 23.12	−21 8.7	0.925	1.777	22.8	19.5
11 17	4 14.37	−23 27.1	0.929	1.779	22.6	19.5
11 27	4 4.40	−24 39.2	0.948	1.782	23.4	19.5
12 7	3 55.09	−24 42.3	0.981	1.786	24.8	19.7
12 17	3 48.00	−23 42.4	1.027	1.790	26.5	19.8
12 27	3 44.23	−21 51.7	1.084	1.795	28.2	20.0

112475 2002 OE_{21} 11 25.6 175°.97 3°.9/24.1 18

10 18	4 36.97	+13 1.2	1.737	2.538	16.2	20.5
10 28	4 32.08	+12 21.3	1.659	2.540	12.9	20.3
11 7	4 24.50	+11 40.6	1.602	2.541	9.0	20.1
11 17	4 14.89	+11 2.5	1.570	2.542	5.2	19.8
11 27	4 4.32	+10 31.1	1.567	2.543	4.1	19.8
12 7	3 54.06	+10 10.3	1.591	2.543	7.3	20.0
12 17	3 45.26	+10 2.6	1.643	2.542	11.2	20.2
12 27	3 38.83	+10 9.2	1.719	2.541	14.8	20.4

75700 2000 AU_{112} 11 25.6 320°.24 3°.6/27.4 18

10 18	4 31.92	+32 27.2	1.531	2.325	18.4	18.7
10 28	4 29.25	+32 7.5	1.433	2.304	15.1	18.4
11 7	4 23.24	+31 28.2	1.353	2.284	11.1	18.1
11 17	4 14.53	+30 27.0	1.296	2.265	6.6	17.8
11 27	4 4.38	+29 4.5	1.265	2.246	3.6	17.6
12 7	3 54.44	+27 26.5	1.261	2.228	6.4	17.7
12 17	3 46.24	+25 42.3	1.283	2.211	11.1	18.0
12 27	3 40.97	+24 2.8	1.328	2.194	15.7	18.2

82476 2001 OA_{24} 11 25.6 85°.67 0°.8/25.3 18

10 18	4 39.69	+19 28.5	1.576	2.376	17.7	20.1
10 28	4 34.31	+19 23.0	1.517	2.399	13.8	19.9
11 7	4 25.98	+19 13.2	1.479	2.421	9.3	19.7
11 17	4 15.53	+18 59.5	1.465	2.443	4.4	19.5
11 27	4 4.26	+18 43.8	1.479	2.465	1.2	19.3
12 7	3 53.59	+18 29.1	1.522	2.487	5.9	19.7
12 17	3 44.74	+18 18.6	1.591	2.508	10.3	20.0
12 27	3 38.58	+18 15.3	1.685	2.528	14.1	20.2

247987 2004 CV_{77} 11 25.6 82°.10 5°.4/23.3 18

10 18	4 32.97	+ 8 3.5	1.882	2.683	15.2	20.2
10 28	4 28.59	+ 7 14.4	1.816	2.694	12.1	20.0
11 7	4 21.92	+ 6 28.7	1.772	2.704	8.8	19.8
11 17	4 13.60	+ 5 51.0	1.753	2.714	6.1	19.7
11 27	4 4.57	+ 5 25.4	1.761	2.724	5.7	19.7
12 7	3 55.90	+ 5 15.0	1.798	2.734	7.9	19.8
12 17	3 48.52	+ 5 20.7	1.861	2.745	11.0	20.0
12 27	3 43.18	+ 5 42.2	1.947	2.755	13.9	20.2

476003 2007 RP_{56} 11 25.6 79°.78 6°.4/22.6 18

10 18	4 38.07	+ 6 21.6	1.906	2.693	15.5	21.4
10 28	4 32.07	+ 4 58.1	1.866	2.733	12.3	21.3
11 7	4 23.92	+ 3 40.2	1.849	2.772	9.2	21.2
11 17	4 14.38	+ 2 33.4	1.859	2.810	6.8	21.1
11 27	4 4.47	+ 1 42.9	1.897	2.847	6.6	21.2
12 7	3 55.21	+ 1 11.8	1.965	2.883	8.6	21.4
12 17	3 47.44	+ 1 0.9	2.058	2.919	11.2	21.6
12 27	3 41.76	+ 1 8.7	2.175	2.953	13.6	21.8

102672 1999 VY_{62} 11 25.6 59°.12 2°.8/26.3 18

10 18	4 41.37	+24 40.5	1.571	2.362	18.1	18.6
10 28	4 36.04	+25 40.4	1.508	2.381	14.4	18.4
11 7	4 27.44	+26 34.5	1.465	2.400	10.1	18.2
11 17	4 16.35	+27 18.9	1.447	2.420	5.5	18.0
11 27	4 4.12	+27 50.9	1.457	2.440	2.8	17.8
12 7	3 52.35	+28 10.5	1.495	2.459	6.0	18.1
12 17	3 42.48	+28 20.5	1.560	2.479	10.3	18.4
12 27	3 35.54	+28 25.9	1.650	2.499	14.0	18.7

225251 2009 QF_{44} 11 25.6 58°.62 5°.3/23.0 18

10 18	4 31.49	+ 8 43.7	1.942	2.745	14.7	20.6
10 28	4 27.26	+ 7 39.5	1.885	2.764	11.7	20.4
11 7	4 20.90	+ 6 38.1	1.851	2.784	8.5	20.2
11 17	4 13.07	+ 5 44.3	1.843	2.804	5.9	20.1
11 27	4 4.68	+ 5 2.7	1.862	2.824	5.6	20.2
12 7	3 56.71	+ 4 36.7	1.910	2.844	7.7	20.3
12 17	3 50.00	+ 4 27.7	1.984	2.864	10.6	20.5
12 27	3 45.22	+ 4 35.3	2.081	2.884	13.3	20.8

280652 Aimaku 11 25.6 322°.51 22°.7/20.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 37.93	−21 32.1	1.086	1.845	26.3	20.0
10 28	4 34.39	−23 26.1	1.040	1.837	24.8	19.9
11 7	4 26.87	−24 43.6	1.006	1.829	23.5	19.7
11 17	4 16.25	−25 8.7	0.986	1.821	22.8	19.7
11 27	4 4.14	−24 29.7	0.981	1.814	22.9	19.6
12 7	3 52.54	−22 44.8	0.992	1.807	23.8	19.7
12 17	3 43.21	−20 1.0	1.018	1.802	25.4	19.8
12 27	3 37.38	−16 32.7	1.059	1.796	27.3	19.9

395528 2011 UW_{142} 11 25.6 57°.04 2°.0/26.3 18

10 18	4 36.32	+25 36.9	1.740	2.531	16.6	20.6
10 28	4 31.79	+25 58.9	1.669	2.543	13.2	20.4
11 7	4 24.40	+26 13.1	1.619	2.555	9.2	20.2
11 17	4 14.88	+26 17.7	1.594	2.567	4.9	20.0
11 27	4 4.37	+26 12.4	1.596	2.580	2.1	19.8
12 7	3 54.26	+25 59.2	1.627	2.593	5.4	20.1
12 17	3 45.75	+25 41.7	1.685	2.606	9.5	20.3
12 27	3 39.78	+25 24.8	1.767	2.619	13.1	20.6

76292 2000 ER_{126} 11 25.6 53°.97 3°.9/23.7 18

10 18	4 30.37	+ 9 54.9	2.322	3.117	12.8	19.3
10 28	4 26.25	+ 9 21.2	2.242	3.118	10.2	19.1
11 7	4 20.22	+ 8 49.2	2.185	3.120	7.3	18.9
11 17	4 12.79	+ 8 22.0	2.156	3.122	4.7	18.7
11 27	4 4.72	+ 8 2.6	2.154	3.123	4.1	18.7
12 7	3 56.85	+ 7 53.3	2.182	3.125	6.3	18.9
12 17	3 49.98	+ 7 55.6	2.238	3.127	9.2	19.0
12 27	3 44.76	+ 8 9.6	2.319	3.129	11.9	19.2

300537 2007 TZ_{243} 11 25.6 343°.48 1°.4/26.2 18

10 18	4 34.43	+26 3.0	1.780	2.572	16.2	20.7
10 28	4 30.34	+25 53.8	1.696	2.571	12.9	20.5
11 7	4 23.46	+25 34.5	1.633	2.570	9.0	20.2
11 17	4 14.46	+25 4.5	1.594	2.570	4.6	20.0
11 27	4 4.44	+24 25.1	1.584	2.569	1.4	19.7
12 7	3 54.72	+23 40.1	1.602	2.569	5.3	20.0
12 17	3 46.51	+22 54.4	1.647	2.568	9.6	20.3
12 27	3 40.73	+22 13.6	1.717	2.568	13.5	20.5

6701 Warhol 11 25.6 58°.66 7°.5/29.5 18

10 18	4 39.79	+40 30.0	1.656	2.404	19.0	16.5
10 28	4 35.18	+41 2.7	1.588	2.418	16.0	16.3
11 7	4 27.00	+41 15.1	1.539	2.433	12.7	16.1
11 17	4 16.15	+41 1.7	1.512	2.447	9.5	16.0
11 27	4 4.18	+40 20.5	1.509	2.462	7.6	15.9
12 7	3 52.86	+39 14.7	1.533	2.477	8.3	16.0
12 17	3 43.73	+37 52.2	1.584	2.493	10.9	16.2
12 27	3 37.80	+36 23.4	1.658	2.508	13.9	16.4

419268 2009 VW_{110} 11 25.6 57°.98 4°.9/27.3 17

10 18	4 38.50	+32 40.3	2.138	2.893	15.0	20.8
10 28	4 33.34	+33 43.2	2.059	2.903	12.3	20.6
11 7	4 25.44	+34 36.7	2.002	2.912	9.3	20.4
11 17	4 15.40	+35 16.7	1.970	2.922	6.4	20.3
11 27	4 4.28	+35 40.1	1.967	2.932	4.9	20.2
12 7	3 53.35	+35 46.9	1.992	2.942	6.2	20.3
12 17	3 43.82	+35 39.9	2.046	2.952	8.9	20.5
12 27	3 36.65	+35 24.3	2.125	2.962	11.8	20.7

70982 1999 XJ_{25} 11 25.6 4°.41 0°.2/25.6 18

10 18	4 38.49	+17 23.5	1.444	2.254	18.5	17.9
10 28	4 34.20	+18 23.4	1.366	2.253	14.7	17.7
11 7	4 26.52	+19 26.4	1.309	2.253	10.0	17.4
11 17	4 16.08	+20 29.9	1.276	2.254	4.8	17.1
11 27	4 4.16	+21 31.3	1.270	2.256	0.8	16.8
12 7	3 52.40	+22 28.3	1.291	2.259	6.3	17.2
12 17	3 42.39	+23 20.7	1.340	2.262	11.3	17.5
12 27	3 35.35	+24 10.1	1.411	2.266	15.6	17.8

86470 2000 CV_{76} 11 25.6 291°.23 1°.7/26.1 18

10 18	4 35.77	+24 49.8	1.509	2.313	18.1	20.5
10 28	4 32.23	+25 1.8	1.414	2.297	14.6	20.2
11 7	4 25.31	+25 5.4	1.339	2.280	10.2	19.9
11 17	4 15.57	+24 58.8	1.287	2.263	5.3	19.6
11 27	4 4.23	+24 41.5	1.261	2.247	1.7	19.3
12 7	3 52.92	+24 16.1	1.262	2.230	6.3	19.5
12 17	3 43.25	+23 47.4	1.289	2.214	11.4	19.8
12 27	3 36.52	+23 21.4	1.339	2.198	16.1	20.0

222904 2002 GR_{184} 11 25.6 58°.26 3°.2/23.8 18

10 18	4 30.89	+15 4.3	2.054	2.856	14.0	20.1
10 28	4 26.83	+14 5.8	1.984	2.867	11.0	20.0
11 7	4 20.66	+13 4.5	1.936	2.877	7.5	19.8
11 17	4 13.00	+12 4.0	1.915	2.888	4.2	19.6
11 27	4 4.71	+11 8.7	1.922	2.899	3.4	19.6
12 7	3 56.77	+10 22.6	1.959	2.910	6.2	19.8
12 17	3 50.03	+ 9 49.0	2.023	2.921	9.5	20.0
12 27	3 45.16	+ 9 29.5	2.112	2.932	12.5	20.2

357412 2003 WN_{172} 11 25.6 345°.75 9°.8/29.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 28.72	+40 38.0	1.249	2.039	21.9	19.1
10 28	4 28.00	+41 30.4	1.167	2.023	18.9	18.8
11 7	4 23.14	+41 59.8	1.102	2.008	15.5	18.6
11 17	4 14.73	+41 57.9	1.055	1.996	12.0	18.3
11 27	4 4.38	+41 19.3	1.029	1.985	9.9	18.2
12 7	3 54.30	+40 5.5	1.026	1.975	10.6	18.2
12 17	3 46.56	+38 25.7	1.045	1.968	13.7	18.4
12 27	3 42.65	+36 34.0	1.086	1.963	17.5	18.6

282048 1999 JY_{110} 11 25.6 169°.52 2°.0/26.3 18

10 18	4 39.93	+25 36.1	2.144	2.913	14.6	20.8
10 28	4 34.20	+26 4.0	2.056	2.917	11.6	20.6
11 7	4 25.89	+26 25.7	1.991	2.921	8.1	20.4
11 17	4 15.58	+26 39.1	1.952	2.924	4.4	20.2
11 27	4 4.28	+26 43.3	1.943	2.926	2.0	20.0
12 7	3 53.16	+26 39.3	1.964	2.927	4.9	20.2
12 17	3 43.37	+26 29.7	2.014	2.928	8.6	20.4
12 27	3 35.81	+26 18.6	2.091	2.929	11.9	20.7

60125 1999 TW_{246} 11 25.6 307°.75 0°.3/25.4 18

10 18	4 31.98	+21 16.0	2.087	2.881	14.1	20.0
10 28	4 27.95	+21 1.0	1.998	2.877	11.1	19.8
11 7	4 21.62	+20 40.2	1.931	2.873	7.5	19.6
11 17	4 13.54	+20 14.5	1.891	2.869	3.6	19.3
11 27	4 4.62	+19 45.7	1.879	2.865	0.7	19.1
12 7	3 55.90	+19 16.6	1.896	2.861	4.8	19.4
12 17	3 48.35	+18 50.6	1.942	2.858	8.7	19.6
12 27	3 42.78	+18 30.9	2.012	2.854	12.2	19.8

311074 2004 EW_3 11 25.6 317°.64 15°.7/17.9 18

10 18	4 31.95	−18 3.5	1.751	2.488	18.5	19.4
10 28	4 28.28	−19 41.7	1.690	2.474	17.2	19.3
11 7	4 22.02	−20 57.3	1.646	2.460	16.1	19.2
11 17	4 13.78	−21 40.6	1.622	2.447	15.7	19.2
11 27	4 4.58	−21 44.1	1.617	2.434	16.0	19.1
12 7	3 55.61	−21 5.4	1.632	2.422	17.0	19.2
12 17	3 47.98	−19 46.5	1.666	2.410	18.5	19.3
12 27	3 42.59	−17 53.7	1.717	2.399	20.1	19.4

150012 2005 UQ_{241} 11 25.6 65°.16 1°.2/26.1 18

10 18	4 33.80	+25 15.0	2.000	2.787	14.9	20.5
10 28	4 29.40	+25 10.9	1.924	2.797	11.7	20.3
11 7	4 22.56	+24 58.7	1.871	2.808	8.1	20.1
11 17	4 13.96	+24 38.1	1.843	2.819	4.1	19.8
11 27	4 4.57	+24 10.1	1.844	2.830	1.2	19.7
12 7	3 55.53	+23 37.8	1.874	2.841	4.7	19.9
12 17	3 47.86	+23 5.0	1.932	2.852	8.6	20.2
12 27	3 42.33	+22 35.8	2.016	2.863	11.9	20.4

287042 2002 QZ_{115} 11 25.6 209°.15 2°.7/27.2 17

10 18	4 33.13	+31 1.4	2.573	3.332	12.7	21.6
10 28	4 28.54	+31 3.3	2.479	3.330	10.2	21.4
11 7	4 21.86	+30 55.2	2.406	3.327	7.4	21.3
11 17	4 13.61	+30 36.0	2.360	3.324	4.5	21.1
11 27	4 4.62	+30 5.8	2.343	3.321	2.7	20.9
12 7	3 55.83	+29 26.7	2.356	3.318	4.4	21.1
12 17	3 48.11	+28 42.1	2.399	3.315	7.3	21.2
12 27	3 42.19	+27 56.5	2.469	3.311	10.2	21.4

7484 Dogo Onsen 11 25.6 208°.84 3°.8/24.3 18 R

10 18	4 35.76	+12 33.6	1.691	2.496	16.4	18.5
10 28	4 31.31	+12 8.8	1.611	2.494	13.0	18.3
11 7	4 24.10	+11 44.7	1.552	2.492	9.1	18.0
11 17	4 14.78	+11 24.2	1.518	2.490	5.2	17.8
11 27	4 4.43	+11 10.6	1.511	2.488	4.0	17.7
12 7	3 54.33	+11 6.9	1.532	2.486	7.2	17.9
12 17	3 45.67	+11 15.0	1.580	2.484	11.3	18.2
12 27	3 39.40	+11 35.6	1.651	2.481	15.0	18.4

228449 2001 QF_{179} 11 25.6 51°.78 2°.3/26.5 18

10 18	4 36.51	+27 46.9	1.408	2.211	19.2	19.6
10 28	4 32.52	+27 41.6	1.343	2.223	15.3	19.4
11 7	4 25.16	+27 23.0	1.298	2.236	10.7	19.2
11 17	4 15.30	+26 49.8	1.275	2.249	5.7	18.9
11 27	4 4.37	+26 3.7	1.279	2.263	2.3	18.8
12 7	3 54.06	+25 9.7	1.309	2.277	6.1	19.0
12 17	3 45.77	+24 14.8	1.365	2.291	10.8	19.4
12 27	3 40.49	+23 25.9	1.445	2.305	15.0	19.6

124012 2001 FK_{96} 11 25.6 180°.88 1°.5/24.9 18

10 18	4 33.00	+16 0.4	2.400	3.187	12.7	19.9
10 28	4 28.35	+16 1.1	2.312	3.187	9.9	19.7
11 7	4 21.69	+16 1.1	2.248	3.188	6.8	19.5
11 17	4 13.53	+16 1.3	2.211	3.188	3.3	19.3
11 27	4 4.65	+16 2.8	2.204	3.188	1.7	19.1
12 7	3 55.92	+16 7.0	2.227	3.187	4.7	19.4
12 17	3 48.19	+16 15.2	2.279	3.187	8.1	19.6
12 27	3 42.16	+16 28.8	2.357	3.187	11.1	19.8

281174 2007 EZ_{68} 11 25.6 243.°43 1.°2/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 36.05	+18 57.8	1.783	2.581	16.0	21.5
10 28	4 31.62	+18 42.2	1.690	2.571	12.6	21.2
11 7	4 24.40	+18 22.0	1.619	2.561	8.6	21.0
11 17	4 14.98	+17 58.2	1.572	2.551	4.1	20.7
11 27	4 4.40	+17 32.8	1.554	2.540	1.5	20.5
12 7	3 53.97	+17 9.2	1.565	2.528	5.9	20.8
12 17	3 44.91	+16 50.9	1.603	2.517	10.4	21.0
12 27	3 38.23	+16 41.3	1.665	2.505	14.4	21.2

252547 2001 VY_{67} 11 25.6 341.°93 6.°4/27.7 17

10 18	4 32.42	+33 43.0	1.502	2.293	18.8	19.8
10 28	4 29.94	+34 38.3	1.415	2.279	15.7	19.6
11 7	4 23.94	+35 20.6	1.347	2.267	12.0	19.3
11 17	4 14.99	+35 44.5	1.300	2.256	8.4	19.1
11 27	4 4.38	+35 45.9	1.278	2.246	6.4	19.0
12 7	3 53.87	+35 25.1	1.281	2.238	8.0	19.1
12 17	3 45.15	+34 47.0	1.309	2.230	11.7	19.2
12 27	3 39.57	+34 0.1	1.359	2.223	15.5	19.5

278178 2007 DT_{88} 11 25.6 166.°37 0.°8/25.3 18

10 18	4 37.49	+19 46.1	1.982	2.770	15.0	21.8
10 28	4 32.28	+19 33.8	1.899	2.774	11.8	21.6
11 7	4 24.55	+19 16.8	1.839	2.778	8.0	21.4
11 17	4 14.94	+18 55.9	1.804	2.782	3.8	21.2
11 27	4 4.44	+18 32.9	1.799	2.785	1.1	21.0
12 7	3 54.22	+18 10.5	1.823	2.787	5.2	21.3
12 17	3 45.36	+17 51.9	1.876	2.788	9.3	21.5
12 27	3 38.69	+17 40.1	1.955	2.789	12.8	21.7

454504 2014 OD_{180} 11 25.6 113.°11 5.°8/23.2 18

10 18	4 32.20	+ 4 38.4	2.158	2.948	13.8	21.4
10 28	4 27.78	+ 4 0.4	2.084	2.952	11.2	21.2
11 7	4 21.31	+ 3 28.1	2.032	2.955	8.5	21.1
11 17	4 13.35	+ 3 5.5	2.006	2.958	6.3	21.0
11 27	4 4.70	+ 2 56.1	2.008	2.961	6.0	20.9
12 7	3 56.30	+ 3 2.0	2.038	2.964	7.8	21.1
12 17	3 48.98	+ 3 23.5	2.095	2.967	10.5	21.2
12 27	3 43.44	+ 3 59.7	2.176	2.970	13.1	21.4

474716 2005 JS_{34} 11 25.6 128.°78 3.°1/24.4 16

10 18	4 38.82	+14 20.5	1.829	2.622	15.8	22.6
10 28	4 33.24	+13 48.9	1.761	2.638	12.4	22.4
11 7	4 25.11	+13 16.3	1.715	2.654	8.5	22.2
11 17	4 15.15	+12 45.3	1.694	2.668	4.6	22.0
11 27	4 4.42	+12 19.0	1.703	2.682	3.3	21.9
12 7	3 54.14	+12 0.7	1.741	2.695	6.5	22.2
12 17	3 45.35	+11 52.7	1.806	2.707	10.3	22.4
12 27	3 38.88	+11 56.3	1.897	2.719	13.6	22.6

396738 2003 RF_{8} 11 25.6 56.°06 6.°3/29.9 18

10 18	4 40.02	+41 45.3	2.031	2.756	16.6	19.6
10 28	4 34.36	+41 50.9	1.973	2.788	13.9	19.5
11 7	4 25.86	+41 37.1	1.935	2.819	11.0	19.4
11 17	4 15.43	+41 0.8	1.920	2.851	8.1	19.3
11 27	4 4.40	+40 1.9	1.932	2.883	6.4	19.2
12 7	3 54.14	+38 44.6	1.972	2.914	6.9	19.3
12 17	3 45.79	+37 15.9	2.040	2.945	9.0	19.5
12 27	3 40.08	+35 44.3	2.135	2.977	11.6	19.7

160612 1999 TF_{67} 11 25.6 90.°60 1.°7/26.3 18

10 18	4 39.72	+26 6.6	1.887	2.664	16.0	21.0
10 28	4 34.01	+26 12.6	1.824	2.690	12.6	20.8
11 7	4 25.64	+26 9.8	1.783	2.716	8.7	20.6
11 17	4 15.39	+25 57.0	1.767	2.741	4.5	20.4
11 27	4 4.41	+25 35.0	1.781	2.765	1.7	20.3
12 7	3 53.98	+25 6.6	1.824	2.789	5.0	20.6
12 17	3 45.19	+24 36.0	1.895	2.813	8.8	20.8
12 27	3 38.82	+24 7.9	1.992	2.836	12.2	21.1

175156 2005 EU_{60} 11 25.6 268.°15 1.°7/24.9 18

10 18	4 35.90	+19 11.0	1.507	2.317	17.8	20.9
10 28	4 32.09	+18 41.4	1.415	2.303	14.2	20.7
11 7	4 25.06	+18 4.9	1.343	2.288	9.7	20.4
11 17	4 15.43	+17 23.1	1.295	2.273	4.7	20.1
11 27	4 4.38	+16 39.4	1.274	2.258	2.1	19.8
12 7	3 53.45	+15 58.9	1.279	2.243	6.9	20.1
12 17	3 44.12	+15 26.8	1.311	2.227	12.0	20.4
12 27	3 37.56	+15 7.4	1.366	2.212	16.6	20.6

320365 2007 TL_{309} 11 25.6 116.°95 0.°7/25.4 16

10 18	4 40.75	+20 12.7	1.491	2.292	18.4	21.9
10 28	4 35.52	+20 5.4	1.424	2.306	14.5	21.7
11 7	4 27.06	+19 52.5	1.377	2.319	9.8	21.5
11 17	4 16.20	+19 34.6	1.354	2.332	4.6	21.2
11 27	4 4.29	+19 13.4	1.358	2.344	1.1	21.0
12 7	3 52.91	+18 52.4	1.390	2.356	6.2	21.4
12 17	3 43.44	+18 35.6	1.450	2.367	11.0	21.7
12 27	3 36.85	+18 26.8	1.532	2.378	15.1	21.9

11406 Ucciocontin 11 25.6 237.°48 2.°0/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 33.00	+16 41.1	2.092	2.888	14.0	18.4
10 28	4 28.69	+16 18.1	2.003	2.883	11.0	18.2
11 7	4 22.11	+15 52.3	1.937	2.878	7.5	18.0
11 17	4 13.82	+15 25.6	1.896	2.873	3.8	17.7
11 27	4 4.67	+15 0.3	1.885	2.868	2.2	17.6
12 7	3 55.71	+14 39.4	1.903	2.863	5.5	17.8
12 17	3 47.88	+14 25.5	1.949	2.857	9.2	18.0
12 27	3 42.00	+14 20.8	2.020	2.851	12.6	18.2

354381 2003 SR_{120} 11 25.6 42.°36 3.°5/26.5 14 C

10 18	4 39.66	+26 22.6	1.361	2.164	19.8	20.4
10 28	4 35.14	+27 19.8	1.306	2.185	15.8	20.2
11 7	4 27.05	+28 8.3	1.270	2.207	11.2	20.0
11 17	4 16.26	+28 43.9	1.258	2.229	6.3	19.8
11 27	4 4.29	+29 3.9	1.271	2.252	3.6	19.7
12 7	3 52.95	+29 9.4	1.310	2.275	6.6	20.0
12 17	3 43.77	+29 4.7	1.376	2.299	11.0	20.3
12 27	3 37.81	+28 56.1	1.464	2.323	14.9	20.6

409396 2005 EX_{184} 11 25.6 99.°20 5.°3/28.0 18

10 18	4 40.98	+35 27.7	2.085	2.830	15.7	21.2
10 28	4 35.24	+36 10.1	2.014	2.849	12.9	21.1
11 7	4 26.66	+36 39.5	1.964	2.868	9.9	20.9
11 17	4 15.97	+36 51.8	1.939	2.886	6.9	20.8
11 27	4 4.34	+36 45.1	1.942	2.904	5.3	20.7
12 7	3 53.13	+36 20.8	1.973	2.922	6.4	20.8
12 17	3 43.54	+35 43.5	2.033	2.939	9.0	21.0
12 27	3 36.49	+34 59.6	2.118	2.956	11.8	21.2

8265 1986 RB_{5} 11 25.6 66.°65 4.°1/24.5 18

10 18	4 38.90	+13 6.9	1.268	2.088	20.1	16.5
10 28	4 34.21	+12 39.6	1.217	2.108	15.7	16.3
11 7	4 26.18	+12 13.7	1.184	2.129	10.8	16.1
11 17	4 15.75	+11 52.5	1.175	2.150	6.0	15.9
11 27	4 4.40	+11 40.0	1.192	2.171	4.4	15.8
12 7	3 53.78	+11 39.1	1.234	2.192	8.1	16.1
12 17	3 45.24	+11 51.4	1.302	2.212	12.6	16.4
12 27	3 39.72	+12 17.1	1.391	2.233	16.6	16.7

401408 2013 CP_{64} 11 25.6 355.°24 9.°5/22.1 18

10 18	4 29.82	+ 2 10.7	1.441	2.260	18.1	20.3
10 28	4 26.96	+ 0 53.2	1.376	2.256	15.0	20.1
11 7	4 21.31	− 0 15.6	1.330	2.253	12.0	19.9
11 17	4 13.53	− 1 7.6	1.307	2.251	9.8	19.8
11 27	4 4.74	− 1 35.4	1.307	2.250	9.8	19.8
12 7	3 56.27	− 1 35.0	1.332	2.249	11.9	19.9
12 17	3 49.31	− 1 6.1	1.379	2.249	15.0	20.1
12 27	3 44.79	− 0 12.0	1.446	2.251	18.0	20.3

520170 2014 CE_{27} 11 25.6 129.°65 1.°6/24.7 18

10 18	4 34.45	+20 4.6	2.068	2.859	14.3	21.6
10 28	4 29.67	+19 8.1	1.990	2.867	11.2	21.4
11 7	4 22.63	+18 4.6	1.935	2.876	7.5	21.2
11 17	4 13.99	+16 56.7	1.907	2.884	3.6	20.9
11 27	4 4.69	+15 48.5	1.908	2.892	1.9	20.8
12 7	3 55.75	+14 44.8	1.940	2.899	5.4	21.1
12 17	3 48.11	+13 50.2	2.000	2.907	9.1	21.3
12 27	3 42.47	+13 8.0	2.086	2.914	12.4	21.6

348778 2006 KS_{53} 11 25.6 218.°31 1.°2/25.1 18

10 18	4 36.06	+17 54.6	2.180	2.966	13.8	22.4
10 28	4 31.07	+17 46.8	2.084	2.959	10.9	22.2
11 7	4 23.75	+17 36.3	2.011	2.950	7.4	22.0
11 17	4 14.63	+17 23.8	1.964	2.941	3.6	21.8
11 27	4 4.58	+17 10.8	1.947	2.932	1.4	21.6
12 7	3 54.64	+16 59.6	1.960	2.922	5.1	21.8
12 17	3 45.82	+16 52.3	2.002	2.911	8.9	22.0
12 27	3 38.96	+16 51.4	2.070	2.900	12.3	22.2

269284 2008 RK_{138} 11 25.6 26.°80 2.°7/24.5 18

10 18	4 30.71	+14 33.1	1.903	2.710	14.8	19.8
10 28	4 26.97	+14 11.3	1.833	2.718	11.6	19.6
11 7	4 20.94	+13 48.9	1.785	2.728	7.9	19.4
11 17	4 13.25	+13 28.2	1.762	2.737	4.2	19.2
11 27	4 4.82	+13 12.0	1.767	2.748	2.9	19.1
12 7	3 56.70	+13 2.7	1.801	2.758	5.9	19.3
12 17	3 49.84	+13 2.3	1.861	2.769	9.6	19.6
12 27	3 44.98	+13 12.0	1.946	2.781	12.8	19.8

45570 2000 CQ_{63} 11 25.6 326.°11 2.°7/26.8 18

10 18	4 34.89	+28 49.5	1.838	2.621	16.1	17.9
10 28	4 30.78	+28 55.2	1.751	2.619	13.0	17.7
11 7	4 23.85	+28 49.8	1.686	2.617	9.3	17.4
11 17	4 14.74	+28 31.6	1.645	2.615	5.3	17.2
11 27	4 4.58	+28 0.6	1.631	2.613	2.7	17.0
12 7	3 54.67	+27 19.9	1.646	2.612	5.4	17.2
12 17	3 46.26	+26 34.3	1.689	2.610	9.4	17.4
12 27	3 40.30	+25 49.8	1.756	2.609	13.1	17.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
52850 1998 RG_{73}		11 25.6 53°.48 0°.7/25.4 18				
	h m	° ′			°	m
10 18	4 37.84	+21 15.0	1.248	2.068	20.3	19.1
10 28	4 33.52	+20 53.5	1.199	2.091	15.9	18.9
11 7	4 25.76	+20 24.2	1.168	2.115	10.7	18.6
11 17	4 15.56	+19 48.7	1.160	2.140	5.0	18.4
11 27	4 4.48	+19 10.5	1.178	2.164	1.2	18.2
12 7	3 54.21	+18 34.6	1.222	2.189	6.6	18.6
12 17	3 46.14	+18 6.1	1.292	2.215	11.6	19.0
12 27	3 41.16	+17 48.9	1.383	2.240	15.8	19.3
442387 2011 UR_{25}		11 25.6 4°.90 1°.1/25.9 18				
10 18	4 34.48	+22 51.7	1.619	2.423	17.1	20.7
10 28	4 30.70	+23 11.5	1.540	2.423	13.6	20.4
11 7	4 23.94	+23 25.8	1.481	2.423	9.3	20.2
11 17	4 14.84	+23 33.2	1.447	2.424	4.6	19.9
11 27	4 4.57	+23 33.6	1.439	2.425	1.2	19.7
12 7	3 54.54	+23 28.8	1.459	2.427	5.6	20.0
12 17	3 46.10	+23 22.0	1.506	2.429	10.2	20.3
12 27	3 40.26	+23 17.2	1.576	2.432	14.2	20.5
484151 2006 TK_{100}		11 25.6 10°.19 1°.9/24.8 17				
10 18	4 28.28	+20 46.0	1.310	2.143	18.8	20.6
10 28	4 26.16	+19 50.5	1.246	2.147	14.7	20.4
11 7	4 20.93	+18 44.9	1.200	2.151	9.9	20.1
11 17	4 13.38	+17 33.2	1.178	2.158	4.8	19.8
11 27	4 4.83	+16 21.4	1.180	2.165	2.3	19.7
12 7	3 56.76	+15 16.8	1.209	2.174	7.0	20.0
12 17	3 50.47	+14 25.6	1.262	2.184	11.9	20.3
12 27	3 46.87	+13 51.8	1.337	2.196	16.1	20.6
121848 2000 CN_{23}		11 25.6 3°.34 5°.4/23.8 18				
10 18	4 31.56	+12 41.0	1.214	2.050	19.8	19.1
10 28	4 28.94	+11 46.4	1.148	2.049	15.7	18.8
11 7	4 22.97	+10 50.9	1.101	2.049	11.1	18.6
11 17	4 14.42	+10 0.2	1.076	2.050	6.7	18.3
11 27	4 4.65	+ 9 21.0	1.075	2.051	5.7	18.3
12 7	3 55.30	+ 8 58.9	1.099	2.053	9.3	18.5
12 17	3 47.81	+ 8 56.8	1.146	2.057	14.0	18.8
12 27	3 43.27	+ 9 15.1	1.213	2.061	18.2	19.0
520853 2014 UN_{239}		11 25.6 14°.61 4°.2/24.0 17				
10 18	4 31.86	+ 7 58.0	2.291	3.082	13.1	20.8
10 28	4 27.49	+ 7 43.6	2.210	3.083	10.4	20.6
11 7	4 21.14	+ 7 33.5	2.153	3.084	7.5	20.5
11 17	4 13.33	+ 7 30.0	2.121	3.085	4.9	20.3
11 27	4 4.84	+ 7 35.5	2.118	3.086	4.3	20.3
12 7	3 56.52	+ 7 51.3	2.145	3.087	6.4	20.4
12 17	3 49.21	+ 8 17.8	2.199	3.089	9.3	20.6
12 27	3 43.59	+ 8 54.7	2.279	3.090	12.0	20.8
247982 2004 CE_{18}		11 25.6 103°.60 7°.0/29.1 18				
10 18	4 40.26	+40 20.5	2.030	2.760	16.5	20.3
10 28	4 35.12	+41 6.2	1.951	2.769	14.0	20.2
11 7	4 26.86	+41 35.9	1.892	2.777	11.2	20.0
11 17	4 16.19	+41 44.3	1.857	2.785	8.6	19.9
11 27	4 4.38	+41 28.7	1.848	2.794	7.1	19.8
12 7	3 52.94	+40 50.2	1.866	2.802	7.7	19.8
12 17	3 43.24	+39 54.2	1.911	2.809	9.9	20.0
12 27	3 36.32	+38 48.5	1.981	2.817	12.6	20.2
359456 2010 NG_{42}		11 25.6 47°.63 5°.4/22.8 18				
10 18	4 31.33	+11 19.1	1.764	2.574	15.6	19.9
10 28	4 27.47	+ 9 52.6	1.701	2.587	12.4	19.8
11 7	4 21.26	+ 8 25.5	1.662	2.599	8.8	19.6
11 17	4 13.39	+ 7 3.7	1.647	2.612	6.0	19.4
11 27	4 4.85	+ 5 53.7	1.661	2.625	5.7	19.5
12 7	3 56.73	+ 5 0.8	1.702	2.639	8.2	19.6
12 17	3 49.99	+ 4 27.8	1.769	2.653	11.5	19.9
12 27	3 45.34	+ 4 15.2	1.859	2.667	14.5	20.1
204697 2006 EX_{16}		11 25.6 40°.23 0°.3/25.6 18				
10 18	4 35.13	+20 55.1	1.436	2.250	18.4	19.9
10 28	4 31.29	+20 52.6	1.372	2.261	14.5	19.7
11 7	4 24.30	+20 44.3	1.327	2.273	9.8	19.4
11 17	4 14.98	+20 30.5	1.306	2.285	4.6	19.2
11 27	4 4.61	+20 12.9	1.311	2.298	0.8	18.9
12 7	3 54.74	+19 54.8	1.343	2.311	6.0	19.3
12 17	3 46.69	+19 40.1	1.401	2.324	10.8	19.6
12 27	3 41.42	+19 32.6	1.482	2.338	14.9	19.9
145734 1995 HT_{2}		11 25.6 77°.01 0°.9/25.3 18				
10 18	4 34.95	+18 36.1	1.919	2.715	15.1	20.3
10 28	4 30.33	+18 33.3	1.846	2.726	11.8	20.1
11 7	4 23.26	+18 27.5	1.795	2.737	8.0	19.9
11 17	4 14.39	+18 19.4	1.770	2.748	3.8	19.7
11 27	4 4.71	+18 10.5	1.773	2.759	1.2	19.5
12 7	3 55.36	+18 2.9	1.806	2.770	5.2	19.8
12 17	3 47.36	+17 59.0	1.866	2.781	9.1	20.1
12 27	3 41.52	+18 1.0	1.951	2.792	12.6	20.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
338481 2003 HA_{4}		11 25.6 231°.37 1°.7/26.2 18				
	h m	° ′			°	m
10 18	4 37.94	+25 13.0	1.906	2.689	15.7	21.5
10 28	4 33.14	+25 27.5	1.811	2.680	12.5	21.3
11 7	4 25.50	+25 34.8	1.737	2.671	8.8	21.0
11 17	4 15.60	+25 33.3	1.688	2.662	4.6	20.8
11 27	4 4.50	+25 22.6	1.667	2.652	1.7	20.5
12 7	3 53.49	+25 4.3	1.676	2.642	5.3	20.8
12 17	3 43.87	+24 42.1	1.713	2.631	9.5	21.0
12 27	3 36.66	+24 20.8	1.775	2.620	13.4	21.2
70061 1999 JO_{29}		11 25.6 120°.24 1°.1/26.0 18				
10 18	4 41.81	+23 25.7	1.597	2.388	17.9	20.1
10 28	4 36.31	+23 41.2	1.527	2.402	14.1	19.9
11 7	4 27.63	+23 49.8	1.477	2.415	9.7	19.7
11 17	4 16.54	+23 50.0	1.452	2.428	4.8	19.4
11 27	4 4.37	+23 41.7	1.454	2.440	1.3	19.2
12 7	3 52.66	+23 27.4	1.486	2.452	5.7	19.6
12 17	3 42.80	+23 11.0	1.544	2.463	10.3	19.9
12 27	3 35.80	+22 57.4	1.627	2.474	14.3	20.1
523426 2017 EE_{14}		11 25.6 198°.18 6°.2/22.3 17				
10 18	4 30.47	+ 0 2.5	2.700	3.472	11.8	21.7
10 28	4 26.07	− 0 41.4	2.621	3.470	9.8	21.5
11 7	4 20.02	− 1 18.2	2.565	3.468	7.8	21.4
11 17	4 12.77	− 1 44.3	2.535	3.466	6.5	21.3
11 27	4 4.97	− 1 56.4	2.534	3.463	6.4	21.3
12 7	3 57.32	− 1 52.8	2.561	3.461	7.7	21.4
12 17	3 50.50	− 1 33.0	2.615	3.458	9.7	21.5
12 27	3 45.09	− 0 58.2	2.693	3.454	11.7	21.7
151740 2003 CO_{13}		11 25.6 238°.70 3°.3/24.3 18				
10 18	4 34.11	+10 55.3	2.282	3.071	13.2	20.1
10 28	4 29.39	+10 42.2	2.188	3.061	10.5	19.9
11 7	4 22.54	+10 31.2	2.116	3.051	7.4	19.7
11 17	4 14.07	+10 24.3	2.072	3.041	4.4	19.5
11 27	4 4.75	+10 23.8	2.056	3.031	3.5	19.4
12 7	3 55.53	+10 31.3	2.071	3.020	6.0	19.6
12 17	3 47.30	+10 47.9	2.113	3.010	9.3	19.7
12 27	3 40.84	+11 14.1	2.182	2.998	12.3	19.9
306995 2001 WY_{46}		11 25.6 43°.79 0°.5/25.4 18				
10 18	4 36.09	+23 12.5	1.222	2.044	20.5	20.4
10 28	4 32.64	+22 33.8	1.155	2.049	16.2	20.1
11 7	4 25.54	+21 42.7	1.107	2.054	11.0	19.9
11 17	4 15.65	+20 40.7	1.080	2.060	5.2	19.6
11 27	4 4.52	+19 32.8	1.079	2.065	1.1	19.3
12 7	3 53.97	+18 26.4	1.104	2.071	7.0	19.7
12 17	3 45.57	+17 29.0	1.153	2.078	12.5	20.0
12 27	3 40.41	+16 47.0	1.224	2.084	17.2	20.3
431742 2008 FW_{128}		11 25.6 192°.25 1°.9/24.9 15				
10 18	4 37.70	+17 10.1	1.857	2.650	15.6	22.8
10 28	4 32.68	+16 50.2	1.771	2.649	12.3	22.6
11 7	4 25.00	+16 27.1	1.707	2.648	8.4	22.4
11 17	4 15.29	+16 2.3	1.668	2.645	4.2	22.1
11 27	4 4.57	+15 38.3	1.659	2.642	2.1	22.0
12 7	3 54.09	+15 18.2	1.678	2.639	6.0	22.2
12 17	3 44.98	+15 5.1	1.726	2.635	10.1	22.4
12 27	3 38.18	+15 1.4	1.798	2.630	13.8	22.7
409041 2003 RL_{13}		11 25.6 50°.10 2°.0/26.5 18				
10 18	4 35.44	+26 31.4	1.892	2.678	15.7	20.9
10 28	4 30.74	+26 43.5	1.833	2.703	12.4	20.7
11 7	4 23.51	+26 46.8	1.794	2.728	8.6	20.5
11 17	4 14.47	+26 40.4	1.781	2.754	4.6	20.4
11 27	4 4.73	+26 24.6	1.796	2.780	2.0	20.2
12 7	3 55.47	+26 2.2	1.839	2.805	4.9	20.5
12 17	3 47.73	+25 36.8	1.911	2.832	8.6	20.8
12 27	3 42.29	+25 12.8	2.008	2.858	11.9	21.0
492749 2014 QP_{142}		11 25.6 4°.74 6°.4/28.1 17				
10 18	4 36.52	+36 25.5	1.937	2.693	16.4	20.8
10 28	4 32.36	+37 25.9	1.854	2.693	13.7	20.6
11 7	4 25.14	+38 13.7	1.791	2.693	10.7	20.4
11 17	4 15.49	+38 43.9	1.752	2.694	7.9	20.2
11 27	4 4.54	+38 52.9	1.739	2.695	6.4	20.1
12 7	3 53.76	+38 41.0	1.753	2.697	7.4	20.2
12 17	3 44.54	+38 12.0	1.794	2.699	10.0	20.4
12 27	3 37.98	+37 32.7	1.859	2.702	13.0	20.6
282757 2006 HE_{26}		11 25.6 329°.51 2°.7/24.5 18				
10 18	4 31.94	+17 16.3	1.540	2.358	17.2	20.0
10 28	4 28.73	+16 34.2	1.458	2.351	13.6	19.8
11 7	4 22.61	+15 46.6	1.397	2.343	9.3	19.5
11 17	4 14.24	+14 56.6	1.359	2.337	4.8	19.2
11 27	4 4.75	+14 8.8	1.348	2.331	3.0	19.1
12 7	3 55.50	+13 28.5	1.364	2.325	7.0	19.3
12 17	3 47.77	+13 0.1	1.406	2.319	11.6	19.6
12 27	3 42.57	+12 46.5	1.470	2.315	15.7	19.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
491727 2012 UC_{169}			11 25.6	7°.22	1°.0/25.0	16
	h m	° ′			°	m
10 18	4 27.37	+19 45.8	2.597	3.389	11.7	21.0
10 28	4 23.85	+19 13.5	2.512	3.391	9.1	20.9
11 7	4 18.61	+18 36.7	2.451	3.392	6.1	20.7
11 17	4 12.14	+17 56.9	2.417	3.394	2.9	20.5
11 27	4 5.10	+17 16.6	2.412	3.397	1.2	20.3
12 7	3 58.26	+16 38.6	2.437	3.400	4.2	20.6
12 17	3 52.31	+16 5.6	2.492	3.403	7.3	20.8
12 27	3 47.85	+15 40.0	2.572	3.407	10.1	21.0
434217 2003 SV_{70}			11 25.6	79°.23	3°.0/27.1	18
10 18	4 37.60	+30 29.3	1.731	2.510	17.1	20.7
10 28	4 32.86	+30 25.9	1.661	2.525	13.8	20.5
11 7	4 25.17	+30 8.9	1.611	2.540	9.8	20.3
11 17	4 15.33	+29 36.7	1.586	2.554	5.7	20.1
11 27	4 4.61	+28 50.1	1.588	2.569	3.0	20.0
12 7	3 54.41	+27 53.4	1.619	2.584	5.5	20.2
12 17	3 45.98	+26 52.8	1.677	2.598	9.5	20.4
12 27	3 40.19	+25 55.2	1.760	2.613	13.1	20.7
103857 2000 DG_{39}			11 25.6	286°.17	0°.5/25.4	18
10 18	4 33.44	+21 23.2	1.847	2.646	15.5	20.3
10 28	4 29.51	+21 4.6	1.756	2.637	12.2	20.1
11 7	4 22.96	+20 39.3	1.687	2.629	8.3	19.8
11 17	4 14.37	+20 7.9	1.642	2.621	4.0	19.5
11 27	4 4.74	+19 32.8	1.626	2.612	0.9	19.3
12 7	3 55.29	+18 57.4	1.639	2.604	5.4	19.6
12 17	3 47.18	+18 25.8	1.678	2.596	9.8	19.8
12 27	3 41.31	+18 2.0	1.743	2.588	13.6	20.1
152999 2000 HW_{85}			11 25.6	204°.76	1°.8/24.9	18
10 18	4 37.21	+17 1.1	1.914	2.706	15.2	20.5
10 28	4 32.27	+16 47.6	1.825	2.703	12.0	20.3
11 7	4 24.73	+16 31.6	1.758	2.699	8.2	20.1
11 17	4 15.18	+16 14.3	1.717	2.694	4.1	19.8
11 27	4 4.62	+15 57.6	1.705	2.688	2.0	19.6
12 7	3 54.23	+15 44.4	1.722	2.683	5.8	19.9
12 17	3 45.16	+15 37.1	1.767	2.676	9.9	20.1
12 27	3 38.32	+15 38.2	1.837	2.669	13.6	20.3
367301 2007 VK_{288}			11 25.6	29°.66	3°.6/26.9	18
10 18	4 35.24	+29 23.6	1.055	1.881	22.9	20.8
10 28	4 32.68	+29 28.6	0.998	1.890	18.4	20.5
11 7	4 25.92	+29 15.9	0.958	1.900	13.1	20.3
11 17	4 15.92	+28 43.0	0.938	1.912	7.4	20.0
11 27	4 4.52	+27 50.9	0.941	1.924	3.6	19.8
12 7	3 53.90	+26 46.4	0.968	1.937	7.3	20.1
12 17	3 45.85	+25 39.3	1.018	1.951	12.7	20.4
12 27	3 41.53	+24 39.4	1.089	1.966	17.5	20.8
321667 2010 CB_{81}			11 25.6	105°.64	1°.2/26.2	18
10 18	4 37.87	+25 1.8	1.874	2.658	15.8	21.3
10 28	4 32.74	+25 1.0	1.802	2.673	12.5	21.2
11 7	4 24.95	+24 51.8	1.752	2.687	8.6	21.0
11 17	4 15.22	+24 33.7	1.727	2.702	4.3	20.7
11 27	4 4.65	+24 7.7	1.730	2.716	1.3	20.5
12 7	3 54.50	+23 36.7	1.763	2.730	5.0	20.8
12 17	3 45.90	+23 5.0	1.824	2.743	9.0	21.1
12 27	3 39.67	+22 36.9	1.911	2.756	12.6	21.4
480034 2015 BB_{119}			11 25.6	227°.15	1°.3/25.2	17
10 18	4 38.17	+18 43.4	1.550	2.354	17.7	21.8
10 28	4 33.73	+18 33.6	1.465	2.349	14.0	21.6
11 7	4 26.11	+18 19.6	1.400	2.343	9.6	21.3
11 17	4 15.97	+18 2.2	1.359	2.337	4.6	21.0
11 27	4 4.51	+17 43.4	1.345	2.330	1.6	20.8
12 7	3 53.25	+17 26.3	1.359	2.324	6.5	21.1
12 17	3 43.62	+17 14.8	1.400	2.316	11.4	21.4
12 27	3 36.76	+17 12.2	1.463	2.309	15.7	21.6
284216 2006 CD_{8}			11 25.6	92°.46	6°.2/23.1	18
10 18	4 35.22	+ 7 11.7	1.767	2.567	16.0	20.9
10 28	4 30.45	+ 6 9.8	1.709	2.584	12.8	20.7
11 7	4 23.26	+ 5 12.2	1.672	2.601	9.5	20.5
11 17	4 14.37	+ 4 24.2	1.660	2.618	6.8	20.4
11 27	4 4.80	+ 3 50.8	1.676	2.635	6.4	20.4
12 7	3 55.69	+ 3 35.2	1.720	2.651	8.6	20.6
12 17	3 48.03	+ 3 38.4	1.789	2.667	11.7	20.8
12 27	3 42.54	+ 3 59.4	1.881	2.683	14.6	21.0
136156 2003 TX_{27}			11 25.6	156°.16	7°.5/23.0	18
10 18	4 34.54	+ 1 52.4	1.870	2.660	15.6	20.0
10 28	4 29.99	+ 1 7.6	1.798	2.661	12.9	19.9
11 7	4 23.05	+ 0 31.4	1.747	2.663	10.1	19.7
11 17	4 14.33	+ 0 8.9	1.720	2.664	7.9	19.6
11 27	4 4.79	+ 0 4.7	1.721	2.665	7.7	19.6
12 7	3 55.52	+ 0 20.7	1.748	2.666	9.5	19.7
12 17	3 47.53	+ 0 56.9	1.801	2.667	12.3	19.8
12 27	3 41.61	+ 1 50.9	1.877	2.668	15.0	20.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
75205 1999 VQ_{184}			11 25.6	79°.16	0°.1/25.6	18
	h m	° ′			°	m
10 18	4 41.59	+20 8.8	1.423	2.226	19.1	19.2
10 28	4 36.26	+20 22.9	1.365	2.248	14.9	19.0
11 7	4 27.61	+20 32.7	1.327	2.270	10.1	18.7
11 17	4 16.54	+20 37.6	1.313	2.291	4.8	18.5
11 27	4 4.47	+20 38.0	1.326	2.313	0.8	18.3
12 7	3 53.04	+20 36.1	1.367	2.334	6.1	18.7
12 17	3 43.65	+20 35.2	1.434	2.355	10.9	19.0
12 27	3 37.26	+20 38.7	1.525	2.375	14.9	19.3
398742 2013 AN_{8}			11 25.7	342°.11	12°.0/21.8	18
10 18	4 34.61	−10 19.9	1.812	2.572	17.2	20.6
10 28	4 30.13	−11 22.7	1.749	2.570	15.1	20.5
11 7	4 23.18	−12 7.3	1.705	2.569	13.3	20.4
11 17	4 14.40	−12 26.4	1.683	2.568	12.2	20.3
11 27	4 4.80	−12 14.4	1.685	2.567	12.2	20.3
12 7	3 55.50	−11 29.9	1.710	2.566	13.4	20.4
12 17	3 47.54	−10 15.2	1.758	2.565	15.3	20.5
12 27	3 41.73	− 8 35.7	1.827	2.564	17.3	20.7
361854 2008 DM_{88}			11 25.7	326°.70	3°.6/24.3	18
10 18	4 31.60	+13 9.0	1.734	2.546	15.8	20.6
10 28	4 28.13	+12 41.3	1.649	2.536	12.5	20.4
11 7	4 22.06	+12 13.5	1.585	2.527	8.8	20.1
11 17	4 13.97	+11 48.4	1.545	2.519	5.0	19.9
11 27	4 4.86	+11 29.8	1.533	2.511	3.8	19.8
12 7	3 55.90	+11 20.7	1.548	2.503	7.0	20.0
12 17	3 48.24	+11 23.4	1.589	2.496	11.0	20.2
12 27	3 42.80	+11 39.1	1.653	2.489	14.7	20.4
300793 2007 VX_{321}			11 25.7	59°.95	8°.0/29.0	18
10 18	4 44.98	+39 10.2	1.622	2.368	19.4	19.9
10 28	4 39.32	+40 22.2	1.570	2.398	16.3	19.8
11 7	4 29.92	+41 16.0	1.535	2.427	12.9	19.6
11 17	4 17.70	+41 44.5	1.524	2.456	9.8	19.5
11 27	4 4.31	+41 44.1	1.538	2.485	8.1	19.5
12 7	3 51.65	+41 16.5	1.578	2.514	8.8	19.6
12 17	3 41.34	+40 28.8	1.644	2.543	11.2	19.8
12 27	3 34.43	+39 30.6	1.733	2.572	13.9	20.0
99740 2002 JO_{65}			11 25.7	198°.04	1°.4/25.2	18
10 18	4 36.65	+17 1.9	2.022	2.812	14.6	19.8
10 28	4 31.70	+17 1.9	1.933	2.810	11.5	19.6
11 7	4 24.29	+17 0.5	1.868	2.808	7.9	19.4
11 17	4 14.98	+16 58.1	1.828	2.805	3.8	19.1
11 27	4 4.72	+16 56.2	1.817	2.802	1.6	18.9
12 7	3 54.62	+16 56.3	1.837	2.799	5.3	19.2
12 17	3 45.76	+17 0.6	1.884	2.795	9.3	19.4
12 27	3 39.00	+17 10.8	1.957	2.791	12.8	19.6
335487 2005 WF_{194}			11 25.7	55°.04	0°.7/25.8	18
10 18	4 39.04	+20 56.4	1.419	2.226	18.9	20.3
10 28	4 34.52	+21 26.3	1.354	2.239	14.9	20.0
11 7	4 26.64	+21 52.4	1.308	2.251	10.2	19.8
11 17	4 16.18	+22 13.0	1.286	2.264	4.9	19.5
11 27	4 4.54	+22 27.5	1.291	2.277	0.9	19.3
12 7	3 53.36	+22 36.9	1.323	2.291	6.1	19.7
12 17	3 44.11	+22 44.1	1.381	2.304	11.0	20.0
12 27	3 37.85	+22 53.0	1.463	2.318	15.1	20.3
114551 2003 BO_{34}			11 25.7	154°.30	2°.0/24.8	18
10 18	4 33.76	+15 54.9	2.052	2.848	14.2	20.1
10 28	4 29.32	+15 40.2	1.970	2.849	11.2	19.9
11 7	4 22.59	+15 23.9	1.909	2.850	7.6	19.7
11 17	4 14.14	+15 7.8	1.875	2.852	3.9	19.5
11 27	4 4.86	+14 53.7	1.870	2.853	2.2	19.4
12 7	3 55.81	+14 44.3	1.894	2.854	5.5	19.6
12 17	3 47.94	+14 41.4	1.946	2.854	9.2	19.8
12 27	3 42.05	+14 46.8	2.023	2.855	12.5	20.1
326560 2002 PS_{166}			11 25.7	85°.53	4°.0/24.5	16
10 18	4 41.13	+12 21.0	1.538	2.339	18.0	21.7
10 28	4 35.30	+11 53.0	1.488	2.368	14.1	21.5
11 7	4 26.62	+11 26.6	1.458	2.397	9.7	21.4
11 17	4 15.96	+11 5.0	1.453	2.425	5.5	21.2
11 27	4 4.61	+10 51.4	1.475	2.452	4.2	21.2
12 7	3 53.95	+10 48.5	1.526	2.479	7.3	21.4
12 17	3 45.14	+10 57.4	1.604	2.506	11.3	21.7
12 27	3 38.97	+11 18.5	1.705	2.531	14.7	22.0
211401 2002 VX_{40}			11 25.7	332°.07	0°.2/25.7	18
10 18	4 33.18	+22 53.9	1.779	2.579	15.9	20.2
10 28	4 29.41	+22 40.4	1.693	2.575	12.6	19.9
11 7	4 22.94	+22 19.1	1.629	2.571	8.6	19.7
11 17	4 14.39	+21 50.4	1.589	2.567	4.1	19.4
11 27	4 4.83	+21 16.2	1.578	2.564	0.6	19.2
12 7	3 55.50	+20 40.0	1.594	2.561	5.3	19.5
12 17	3 47.58	+20 6.2	1.638	2.558	9.7	19.7
12 27	3 42.00	+19 39.1	1.705	2.556	13.6	20.0

174593 2003 QB_{56} 11 25.7 51°.11 4°.6/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 37.55	+13 7.7	1.129	1.960	21.3	19.5
10 28	4 33.51	+12 31.9	1.082	1.980	16.7	19.2
11 7	4 25.91	+11 57.4	1.054	2.001	11.5	19.0
11 17	4 15.76	+11 28.5	1.048	2.023	6.5	18.8
11 27	4 4.64	+11 10.2	1.066	2.044	4.9	18.8
12 7	3 54.34	+11 5.9	1.109	2.067	8.7	19.1
12 17	3 46.28	+11 17.2	1.176	2.089	13.4	19.4
12 27	3 41.40	+11 43.9	1.263	2.112	17.5	19.7

197263 2003 WU_{78} 11 25.7 148°.42 2°.1/26.7 17

10 18	4 34.24	+27 27.1	2.546	3.312	12.6	20.6
10 28	4 29.45	+27 47.8	2.457	3.315	10.1	20.4
11 7	4 22.56	+28 1.8	2.391	3.318	7.1	20.2
11 17	4 14.10	+28 7.6	2.352	3.321	4.0	20.0
11 27	4 4.88	+28 4.9	2.342	3.324	2.1	19.9
12 7	3 55.81	+27 54.7	2.363	3.326	4.2	20.1
12 17	3 47.79	+27 39.5	2.413	3.328	7.3	20.3
12 27	3 41.53	+27 22.8	2.490	3.331	10.2	20.4

283785 2003 QE_{103} 11 25.7 76°.02 5°.9/23.4 18

10 18	4 34.33	+ 8 13.9	1.681	2.487	16.5	20.7
10 28	4 29.98	+ 7 19.5	1.619	2.499	13.2	20.5
11 7	4 23.08	+ 6 28.7	1.578	2.511	9.6	20.3
11 17	4 14.35	+ 5 46.7	1.561	2.523	6.6	20.2
11 27	4 4.85	+ 5 18.3	1.572	2.535	6.1	20.2
12 7	3 55.77	+ 5 6.8	1.610	2.547	8.5	20.4
12 17	3 48.17	+ 5 13.5	1.673	2.560	11.9	20.6
12 27	3 42.82	+ 5 37.4	1.760	2.572	15.0	20.8

286788 2002 JK_{93} 11 25.7 252°.58 0°.8/25.9 17

10 18	4 34.77	+22 15.8	2.304	3.085	13.3	20.4
10 28	4 30.08	+22 36.6	2.209	3.079	10.6	20.2
11 7	4 23.13	+22 53.6	2.137	3.074	7.3	20.0
11 17	4 14.44	+23 6.1	2.092	3.068	3.6	19.8
11 27	4 4.82	+23 13.8	2.077	3.063	0.9	19.6
12 7	3 55.30	+23 17.5	2.091	3.057	4.4	19.8
12 17	3 46.84	+23 19.3	2.135	3.051	8.1	20.0
12 27	3 40.26	+23 21.6	2.205	3.046	11.3	20.2

227813 2007 BD_{50} 11 25.7 241°.56 2°.3/24.8 18

10 18	4 35.81	+16 58.2	1.699	2.502	16.4	21.6
10 28	4 31.55	+16 30.9	1.611	2.495	13.0	21.4
11 7	4 24.46	+15 59.8	1.544	2.487	8.9	21.1
11 17	4 15.15	+15 26.9	1.503	2.480	4.5	20.9
11 27	4 4.72	+14 55.4	1.488	2.471	2.6	20.7
12 7	3 54.46	+14 29.3	1.502	2.463	6.5	20.9
12 17	3 45.65	+14 12.0	1.543	2.454	11.0	21.2
12 27	3 39.26	+14 6.5	1.608	2.446	14.9	21.4

470184 2006 UT_{359} 11 25.7 13°.24 1°.0/26.0 18

10 18	4 33.58	+24 32.7	1.186	2.013	20.7	21.2
10 28	4 30.95	+24 24.0	1.120	2.015	16.5	21.0
11 7	4 24.59	+24 3.6	1.071	2.018	11.4	20.7
11 17	4 15.34	+23 31.1	1.043	2.022	5.6	20.4
11 27	4 4.71	+22 48.9	1.040	2.026	1.2	20.1
12 7	3 54.58	+22 2.4	1.062	2.032	6.7	20.5
12 17	3 46.59	+21 18.7	1.108	2.038	12.2	20.8
12 27	3 41.90	+20 44.4	1.175	2.045	17.0	21.1

3307 Athabasca 11 25.7 9°.14 1°.9/26.5 18 R

10 18	4 34.32	+27 49.0	1.226	2.044	20.7	16.9
10 28	4 31.52	+27 28.9	1.155	2.044	16.6	16.7
11 7	4 24.97	+26 52.3	1.102	2.045	11.6	16.4
11 17	4 15.51	+25 58.5	1.071	2.047	6.1	16.1
11 27	4 4.69	+24 50.1	1.064	2.050	2.0	15.8
12 7	3 54.39	+23 34.3	1.083	2.053	6.7	16.1
12 17	3 46.26	+22 20.2	1.126	2.056	12.1	16.5
12 27	3 41.44	+21 16.6	1.191	2.061	16.9	16.7

169619 2002 GS_{136} 11 25.7 72°.13 1°.9/26.4 18

10 18	4 42.40	+26 4.0	1.756	2.534	17.0	20.7
10 28	4 36.18	+26 17.1	1.705	2.571	13.4	20.6
11 7	4 27.16	+26 21.0	1.675	2.608	9.2	20.4
11 17	4 16.21	+26 14.3	1.671	2.644	4.8	20.2
11 27	4 4.62	+25 57.6	1.696	2.680	1.9	20.1
12 7	3 53.75	+25 33.8	1.749	2.715	5.1	20.4
12 17	3 44.72	+25 7.1	1.832	2.750	9.1	20.7
12 27	3 38.30	+24 42.6	1.939	2.784	12.5	21.0

229265 2005 AT_{34} 11 25.7 30°.61 2°.5/27.1 18

10 18	4 32.76	+30 5.0	2.118	2.892	14.5	20.2
10 28	4 28.68	+29 58.4	2.035	2.897	11.7	20.0
11 7	4 22.21	+29 40.3	1.974	2.901	8.4	19.8
11 17	4 13.98	+29 9.8	1.938	2.906	4.8	19.6
11 27	4 4.95	+28 27.7	1.930	2.911	2.5	19.4
12 7	3 56.22	+27 37.4	1.951	2.916	4.8	19.6
12 17	3 48.81	+26 43.3	2.001	2.921	8.2	19.8
12 27	3 43.49	+25 50.9	2.076	2.927	11.5	20.0

359258 2009 FP_{36} 11 25.7 124°.56 2°.9/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 34.25	+14 1.4	2.050	2.845	14.3	21.7
10 28	4 29.60	+13 34.0	1.974	2.852	11.2	21.5
11 7	4 22.71	+13 5.9	1.920	2.860	7.7	21.3
11 17	4 14.18	+12 39.5	1.893	2.867	4.2	21.2
11 27	4 4.92	+12 17.7	1.895	2.874	3.1	21.1
12 7	3 55.94	+12 3.1	1.926	2.881	5.9	21.3
12 17	3 48.18	+11 57.7	1.985	2.887	9.4	21.5
12 27	3 42.38	+12 2.8	2.069	2.893	12.6	21.7

151538 2002 RH_{139} 11 25.7 112°.28 2°.0/25.0 18

10 18	4 40.40	+16 14.6	1.676	2.471	17.0	20.3
10 28	4 34.84	+16 6.7	1.609	2.488	13.3	20.1
11 7	4 26.45	+15 57.4	1.565	2.505	9.0	19.9
11 17	4 15.99	+15 47.9	1.545	2.522	4.5	19.6
11 27	4 4.65	+15 40.1	1.554	2.538	2.2	19.5
12 7	3 53.79	+15 36.3	1.592	2.553	6.1	19.8
12 17	3 44.60	+15 38.9	1.657	2.568	10.4	20.1
12 27	3 37.95	+15 49.5	1.747	2.582	14.0	20.4

477352 2009 UM_{68} 11 25.7 28°.86 4°.0/26.6 18

10 18	4 38.21	+26 18.6	1.195	2.010	21.3	20.3
10 28	4 34.74	+27 20.3	1.134	2.020	17.1	20.1
11 7	4 27.30	+28 13.9	1.091	2.031	12.2	19.9
11 17	4 16.68	+28 54.0	1.070	2.042	7.0	19.6
11 27	4 4.52	+29 17.2	1.073	2.055	4.0	19.5
12 7	3 52.87	+29 24.0	1.102	2.068	7.3	19.7
12 17	3 43.54	+29 19.0	1.155	2.082	12.2	20.0
12 27	3 37.79	+29 9.4	1.229	2.097	16.6	20.3

470946 2009 HS_{106} 11 25.7 177°.56 1°.2/25.3 16

10 18	4 39.81	+18 25.7	1.649	2.446	17.1	22.1
10 28	4 34.74	+18 20.2	1.568	2.448	13.5	21.9
11 7	4 26.65	+18 11.2	1.507	2.449	9.2	21.7
11 17	4 16.21	+17 59.4	1.472	2.450	4.4	21.4
11 27	4 4.61	+17 46.4	1.464	2.450	1.5	21.2
12 7	3 53.29	+17 34.9	1.485	2.449	6.1	21.5
12 17	3 43.58	+17 28.1	1.534	2.448	10.8	21.8
12 27	3 36.51	+17 28.8	1.606	2.447	14.8	22.0

212897 2007 WE_{4} 11 25.7 58°.85 4°.0/26.7 18

10 18	4 42.95	+26 56.1	1.186	1.994	21.9	20.1
10 28	4 38.34	+27 51.9	1.132	2.013	17.5	19.9
11 7	4 29.61	+28 37.6	1.095	2.032	12.4	19.7
11 17	4 17.70	+29 8.0	1.081	2.052	7.1	19.5
11 27	4 4.40	+29 19.9	1.091	2.072	4.0	19.3
12 7	3 51.84	+29 15.1	1.127	2.092	7.3	19.6
12 17	3 41.83	+28 59.4	1.187	2.113	12.1	19.9
12 27	3 35.55	+28 40.7	1.270	2.133	16.5	20.2

474650 2004 XK_{103} 11 25.7 317°.18 5°.9/25.8 18

10 18	4 46.63	+ 2 11.8	1.466	2.250	19.5	20.1
10 28	4 41.13	+ 3 7.8	1.358	2.222	16.2	19.8
11 7	4 31.84	+ 4 25.9	1.269	2.195	12.2	19.5
11 17	4 19.12	+ 6 9.8	1.204	2.168	7.9	19.1
11 27	4 4.11	+ 8 19.3	1.168	2.141	5.9	19.0
12 7	3 48.55	+10 49.2	1.162	2.116	9.1	19.1
12 17	3 34.38	+13 30.9	1.186	2.091	14.1	19.3
12 27	3 23.25	+16 16.2	1.235	2.067	18.9	19.5

157358 2004 TZ_{106} 11 25.7 37°.06 0°.7/25.4 18

10 18	4 32.40	+20 4.7	1.858	2.660	15.3	20.2
10 28	4 28.48	+19 50.4	1.787	2.670	12.0	20.0
11 7	4 22.11	+19 31.3	1.737	2.680	8.1	19.8
11 17	4 13.95	+19 8.5	1.712	2.690	3.8	19.6
11 27	4 4.99	+18 44.0	1.715	2.701	1.1	19.4
12 7	3 56.38	+18 20.8	1.747	2.712	5.2	19.7
12 17	3 49.12	+18 2.2	1.806	2.723	9.2	20.0
12 27	3 44.01	+17 50.9	1.890	2.735	12.7	20.2

155159 2005 UK_{83} 11 25.7 236°.91 1°.6/24.9 18 R

10 18	4 36.04	+19 2.3	1.845	2.641	15.6	20.8
10 28	4 31.57	+18 30.3	1.750	2.630	12.3	20.6
11 7	4 24.41	+17 52.4	1.678	2.619	8.4	20.3
11 17	4 15.15	+17 10.0	1.631	2.608	4.1	20.0
11 27	4 4.80	+16 26.4	1.612	2.596	1.9	19.8
12 7	3 54.61	+15 45.7	1.622	2.584	6.0	20.1
12 17	3 45.75	+15 12.2	1.660	2.571	10.3	20.3
12 27	3 39.18	+14 49.5	1.723	2.558	14.2	20.5

154908 2004 RE_{324} 11 25.7 29°.97 4°.4/27.9 18

10 18	4 34.47	+33 56.2	1.966	2.732	15.8	19.2
10 28	4 30.38	+34 11.0	1.886	2.737	13.0	19.0
11 7	4 23.57	+34 12.1	1.827	2.743	9.7	18.8
11 17	4 14.70	+33 56.8	1.791	2.749	6.4	18.7
11 27	4 4.88	+33 24.7	1.783	2.755	4.4	18.5
12 7	3 55.41	+32 38.3	1.803	2.762	5.8	18.6
12 17	3 47.45	+31 42.8	1.851	2.769	9.0	18.9
12 27	3 41.88	+30 44.9	1.923	2.776	12.2	19.1

242023 2002 QH_{33} 11 25.7 147°.77 0°.6/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 36.43	+19 39.4	2.274	3.055	13.5	21.7
10 28	4 31.15	+19 31.2	2.193	3.064	10.6	21.5
11 7	4 23.70	+19 19.3	2.135	3.073	7.1	21.3
11 17	4 14.66	+19 4.1	2.104	3.081	3.4	21.1
11 27	4 4.90	+18 47.1	2.103	3.089	0.9	20.9
12 7	3 55.40	+18 30.4	2.133	3.096	4.6	21.2
12 17	3 47.07	+18 16.6	2.192	3.103	8.2	21.4
12 27	3 40.64	+18 8.1	2.277	3.109	11.3	21.6

223493 2004 BH_{43} 11 25.7 178°.05 3°.3/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 37.40	+13 50.0	1.670	2.473	16.7	20.5
10 28	4 32.71	+13 27.8	1.591	2.474	13.2	20.2
11 7	4 25.19	+13 5.3	1.533	2.474	9.2	20.0
11 17	4 15.50	+12 45.0	1.500	2.475	5.0	19.8
11 27	4 4.76	+12 30.1	1.495	2.475	3.5	19.7
12 7	3 54.30	+12 23.4	1.518	2.475	7.0	19.9
12 17	3 45.34	+12 27.3	1.567	2.474	11.2	20.1
12 27	3 38.84	+12 42.8	1.641	2.473	14.9	20.4

460534 2014 TJ_{31} 11 25.7 28°.40 10°.0/ 1.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 40.82	+50 2.5	2.138	2.818	17.1	20.9
10 28	4 36.14	+51 2.4	2.060	2.823	15.2	20.8
11 7	4 27.92	+51 42.2	2.000	2.828	13.2	20.6
11 17	4 16.90	+51 55.1	1.961	2.833	11.3	20.5
11 27	4 4.54	+51 36.9	1.945	2.839	10.2	20.5
12 7	3 52.61	+50 48.1	1.954	2.846	10.2	20.5
12 17	3 42.70	+49 34.0	1.988	2.852	11.3	20.6
12 27	3 35.96	+48 3.6	2.046	2.859	13.1	20.7

82432 2001 OJ_{1} 11 25.7 156°.25 2°.1/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 40.43	+26 35.0	1.912	2.687	15.9	20.5
10 28	4 34.95	+26 51.0	1.830	2.694	12.7	20.3
11 7	4 26.63	+26 58.7	1.769	2.700	8.9	20.1
11 17	4 16.17	+26 56.0	1.734	2.706	4.8	19.9
11 27	4 4.67	+26 42.5	1.728	2.711	2.1	19.7
12 7	3 53.46	+26 20.4	1.751	2.716	5.2	19.9
12 17	3 43.79	+25 53.5	1.802	2.719	9.2	20.2
12 27	3 36.59	+25 27.0	1.879	2.723	12.8	20.4

278127 2007 CG_{36} 11 25.7 255°.37 4°.4/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 35.62	+11 37.0	1.609	2.417	17.0	20.9
10 28	4 31.45	+11 6.1	1.529	2.413	13.5	20.6
11 7	4 24.43	+10 36.3	1.469	2.409	9.6	20.4
11 17	4 15.19	+10 11.4	1.433	2.404	5.7	20.1
11 27	4 4.83	+ 9 55.1	1.424	2.400	4.6	20.1
12 7	3 54.69	+ 9 50.9	1.443	2.395	7.8	20.2
12 17	3 46.03	+10 0.6	1.488	2.390	11.9	20.5
12 27	3 39.85	+10 24.7	1.555	2.386	15.7	20.7

14237 1999 YU_{9} 11 25.7 58°.29 6°.9/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 38.02	+41 25.3	2.286	3.006	15.1	17.5
10 28	4 33.20	+42 14.2	2.202	3.010	12.9	17.4
11 7	4 25.55	+42 48.4	2.138	3.014	10.5	17.2
11 17	4 15.70	+43 3.2	2.098	3.018	8.2	17.1
11 27	4 4.75	+42 55.7	2.084	3.023	7.0	17.0
12 7	3 54.05	+42 26.7	2.098	3.027	7.5	17.1
12 17	3 44.83	+41 40.2	2.139	3.031	9.4	17.2
12 27	3 38.08	+40 42.8	2.205	3.035	11.7	17.3

335382 2005 SR_{233} 11 25.7 120°.17 0°.1/25.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 38.95	+22 5.2	1.810	2.599	16.1	21.8
10 28	4 33.63	+21 52.4	1.739	2.614	12.7	21.6
11 7	4 25.62	+21 32.9	1.689	2.628	8.6	21.4
11 17	4 15.62	+21 7.0	1.665	2.642	4.1	21.2
11 27	4 4.79	+20 36.6	1.669	2.655	0.6	20.9
12 7	3 54.40	+20 5.0	1.702	2.668	5.2	21.3
12 17	3 45.58	+19 36.3	1.764	2.680	9.5	21.6
12 27	3 39.19	+19 14.2	1.851	2.692	13.1	21.9

515565 2014 HJ_{33} 11 25.7 85°.85 2°.2/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 35.56	+16 0.8	1.943	2.738	15.0	21.9
10 28	4 30.64	+15 37.0	1.878	2.758	11.7	21.7
11 7	4 23.40	+15 11.3	1.836	2.777	7.9	21.5
11 17	4 14.51	+14 45.8	1.820	2.796	4.0	21.3
11 27	4 4.97	+14 23.2	1.833	2.815	2.4	21.2
12 7	3 55.84	+14 6.1	1.875	2.834	5.6	21.5
12 17	3 48.07	+13 56.9	1.945	2.853	9.3	21.7
12 27	3 42.40	+13 57.1	2.040	2.871	12.5	22.0

381401 2008 GL_{112} 11 25.7 182°.67 3°.2/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 40.81	+28 20.4	1.759	2.536	17.0	21.1
10 28	4 35.71	+28 50.5	1.674	2.537	13.7	20.9
11 7	4 27.44	+29 11.3	1.609	2.537	9.9	20.7
11 17	4 16.67	+29 19.7	1.568	2.537	5.7	20.5
11 27	4 4.61	+29 13.9	1.556	2.536	3.2	20.3
12 7	3 52.78	+28 55.5	1.572	2.535	5.9	20.5
12 17	3 42.59	+28 28.6	1.615	2.533	10.0	20.7
12 27	3 35.15	+27 59.5	1.683	2.531	13.9	20.9

438482 2007 EG_{197} 11 25.7 213°.49 0°.9/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 36.73	+20 8.5	2.013	2.800	14.8	22.6
10 28	4 31.86	+19 45.9	1.919	2.794	11.7	22.4
11 7	4 24.48	+19 17.6	1.847	2.787	7.9	22.1
11 17	4 15.15	+18 44.5	1.802	2.779	3.8	21.9
11 27	4 4.85	+18 8.9	1.786	2.771	1.2	21.6
12 7	3 54.72	+17 34.1	1.799	2.762	5.3	21.9
12 17	3 45.85	+17 3.9	1.841	2.753	9.4	22.1
12 27	3 39.13	+16 41.8	1.908	2.743	13.1	22.4

136122 2003 OQ_{29} 11 25.7 30°.21 8°.1/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 33.66	+ 7 21.0	0.944	1.793	23.1	18.3
10 28	4 30.99	+ 6 31.1	0.904	1.809	18.5	18.1
11 7	4 24.49	+ 5 50.6	0.881	1.826	13.6	17.9
11 17	4 15.22	+ 5 27.0	0.877	1.844	9.3	17.8
11 27	4 4.88	+ 5 26.3	0.895	1.864	8.3	17.8
12 7	3 55.37	+ 5 50.8	0.935	1.885	11.3	18.0
12 17	3 48.24	+ 6 38.4	0.997	1.907	15.6	18.4
12 27	3 44.45	+ 7 44.7	1.078	1.930	19.6	18.7

145005 2005 ES_{212} 11 25.7 202°.95 6°.9/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 33.47	+ 1 50.6	2.246	3.026	13.7	20.4
10 28	4 28.82	+ 0 54.9	2.166	3.023	11.3	20.3
11 7	4 22.15	+ 0 5.6	2.108	3.019	8.9	20.1
11 17	4 13.96	− 0 32.5	2.077	3.015	7.2	20.0
11 27	4 5.05	− 0 55.0	2.073	3.010	7.1	20.0
12 7	3 56.32	− 0 59.2	2.097	3.005	8.7	20.1
12 17	3 48.62	− 0 44.5	2.147	2.999	11.1	20.2
12 27	3 42.65	− 0 12.1	2.221	2.993	13.6	20.4

49710 1999 VC_{27} 11 25.7 161°.63 0°.3/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 39.94	+22 0.7	1.866	2.650	15.9	19.6
10 28	4 34.51	+22 2.3	1.784	2.657	12.5	19.4
11 7	4 26.32	+21 58.2	1.724	2.662	8.6	19.2
11 17	4 16.03	+21 47.9	1.690	2.667	4.1	18.9
11 27	4 4.74	+21 32.3	1.684	2.671	0.6	18.7
12 7	3 53.74	+21 13.6	1.708	2.674	5.2	19.0
12 17	3 44.23	+20 55.5	1.761	2.677	9.5	19.3
12 27	3 37.14	+20 41.7	1.838	2.679	13.2	19.5

99007 2001 DS_{52} 11 25.7 242°.11 3°.6/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 32.64	+10 8.0	2.325	3.115	13.0	19.4
10 28	4 28.20	+ 9 49.6	2.236	3.110	10.3	19.2
11 7	4 21.76	+ 9 33.6	2.170	3.104	7.3	19.0
11 17	4 13.80	+ 9 22.2	2.131	3.099	4.5	18.8
11 27	4 5.08	+ 9 17.9	2.121	3.094	3.8	18.7
12 7	3 56.50	+ 9 22.5	2.141	3.088	6.0	18.9
12 17	3 48.90	+ 9 37.1	2.189	3.082	9.1	19.1
12 27	3 42.98	+10 1.8	2.262	3.076	12.0	19.2

127979 2003 HM_{40} 11 25.7 203°.29 0°.4/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 36.67	+21 21.0	2.017	2.804	14.8	20.8
10 28	4 31.81	+21 4.9	1.926	2.800	11.7	20.6
11 7	4 24.44	+20 42.6	1.857	2.796	8.0	20.3
11 17	4 15.14	+20 14.7	1.814	2.791	3.8	20.1
11 27	4 4.88	+19 43.0	1.800	2.786	0.8	19.8
12 7	3 54.82	+19 10.5	1.816	2.781	5.1	20.1
12 17	3 46.05	+18 41.1	1.860	2.775	9.2	20.4
12 27	3 39.43	+18 18.3	1.930	2.768	12.8	20.6

5249 Giza 11 25.7 258°.70 0°.8/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 31.51	+19 16.4	2.572	3.356	12.0	17.6
10 28	4 27.27	+19 3.3	2.470	3.344	9.4	17.4
11 7	4 21.11	+18 46.6	2.393	3.332	6.4	17.2
11 17	4 13.50	+18 27.2	2.342	3.319	3.1	17.0
11 27	4 5.13	+18 6.5	2.321	3.307	1.0	16.8
12 7	3 56.85	+17 46.7	2.331	3.294	4.3	17.0
12 17	3 49.46	+17 30.1	2.370	3.281	7.6	17.2
12 27	3 43.64	+17 19.0	2.435	3.268	10.6	17.4

83510 2001 SW_{127} 11 25.7 116°.55 1°.4/25.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 34.07	+18 38.9	2.058	2.851	14.3	20.0
10 28	4 29.54	+18 14.6	1.980	2.859	11.2	19.8
11 7	4 22.73	+17 46.3	1.924	2.866	7.6	19.6
11 17	4 14.26	+17 15.3	1.895	2.873	3.7	19.3
11 27	4 5.03	+16 44.3	1.895	2.879	1.6	19.2
12 7	3 56.10	+16 16.2	1.924	2.886	5.2	19.5
12 17	3 48.41	+15 54.1	1.981	2.892	8.9	19.7
12 27	3 42.71	+15 40.6	2.064	2.899	12.2	19.9

259693 2003 YG_{11} 11 25.7 15°.32 8°.0/28.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 29.39	+35 2.9	0.860	1.699	25.7	18.7
10 28	4 29.23	+35 52.8	0.814	1.706	21.3	18.5
11 7	4 24.24	+36 17.4	0.781	1.716	16.3	18.2
11 17	4 15.40	+36 9.9	0.765	1.728	11.2	18.0
11 27	4 4.86	+35 28.1	0.770	1.743	8.1	17.9
12 7	3 55.21	+34 18.2	0.795	1.759	9.7	18.1
12 17	3 48.54	+32 53.2	0.840	1.778	14.1	18.4
12 27	3 46.10	+31 27.4	0.905	1.798	18.6	18.7

358704 2008 AW_{80} 11 25.7 343°.43 1°.3/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 31.00	+19 36.4	1.545	2.363	17.1	20.5
10 28	4 28.11	+19 13.8	1.463	2.355	13.5	20.3
11 7	4 22.31	+18 45.1	1.401	2.348	9.2	20.0
11 17	4 14.25	+18 11.9	1.363	2.342	4.4	19.7
11 27	4 5.03	+17 37.3	1.351	2.336	1.6	19.5
12 7	3 56.04	+17 5.6	1.365	2.331	6.2	19.8
12 17	3 48.55	+16 41.1	1.406	2.327	11.0	20.1
12 27	3 43.58	+16 27.3	1.469	2.324	15.1	20.3

189862 2003 HB_{38} 11 25.7 66°.44 2°.1/24.8 18

10 18	4 38.31	+18 54.4	1.545	2.349	17.8	19.3
10 28	4 33.14	+18 3.9	1.495	2.380	13.8	19.1
11 7	4 25.18	+17 8.0	1.467	2.411	9.2	19.0
11 17	4 15.35	+16 9.9	1.464	2.442	4.5	18.8
11 27	4 4.91	+15 14.5	1.489	2.472	2.4	18.7
12 7	3 55.21	+14 26.7	1.542	2.503	6.4	19.0
12 17	3 47.35	+13 50.6	1.622	2.533	10.5	19.3
12 27	3 42.04	+13 28.8	1.725	2.562	14.1	19.6

204497 2005 CP_{16} 11 25.7 11°.92 5°.3/27.8 18

10 18	4 31.98	+32 54.8	1.232	2.041	21.1	19.1
10 28	4 29.91	+33 13.6	1.166	2.045	17.3	18.9
11 7	4 24.01	+33 13.7	1.118	2.050	12.8	18.7
11 17	4 15.15	+32 51.2	1.091	2.056	8.2	18.4
11 27	4 4.91	+32 5.7	1.087	2.064	5.3	18.3
12 7	3 55.23	+31 2.2	1.108	2.073	7.4	18.4
12 17	3 47.77	+29 49.5	1.153	2.084	11.8	18.7
12 27	3 43.67	+28 38.0	1.219	2.095	16.1	19.0

329460 2002 PK_{198} 11 25.7 228°.84 2°.8/27.4 17

10 18	4 33.54	+31 34.1	2.470	3.229	13.1	20.8
10 28	4 29.07	+31 31.6	2.375	3.225	10.6	20.6
11 7	4 22.41	+31 18.2	2.302	3.222	7.8	20.4
11 17	4 14.13	+30 52.7	2.255	3.219	4.7	20.2
11 27	4 5.07	+30 15.3	2.238	3.215	2.8	20.1
12 7	3 56.22	+29 28.5	2.250	3.212	4.5	20.2
12 17	3 48.50	+28 36.1	2.291	3.208	7.5	20.4
12 27	3 42.64	+27 43.2	2.359	3.204	10.5	20.6

426157 2012 HO_{59} 11 25.7 175°.89 1°.0/25.3 17

10 18	4 39.69	+18 45.3	1.788	2.579	16.2	21.7
10 28	4 34.43	+18 39.7	1.705	2.582	12.8	21.5
11 7	4 26.35	+18 30.6	1.643	2.584	8.7	21.2
11 17	4 16.09	+18 18.4	1.607	2.585	4.2	21.0
11 27	4 4.78	+18 4.6	1.600	2.585	1.3	20.8
12 7	3 53.72	+17 51.8	1.622	2.585	5.7	21.1
12 17	3 44.15	+17 43.0	1.671	2.585	10.1	21.3
12 27	3 37.04	+17 41.1	1.746	2.583	13.9	21.6

182292 2001 KZ_{73} 11 25.7 205°.39 0°.9/25.4 18

10 18	4 39.13	+18 44.2	1.849	2.638	15.8	21.3
10 28	4 34.01	+18 44.8	1.758	2.634	12.5	21.1
11 7	4 26.11	+18 42.4	1.690	2.630	8.5	20.8
11 17	4 16.02	+18 37.2	1.647	2.625	4.1	20.6
11 27	4 4.79	+18 30.2	1.633	2.619	1.2	20.3
12 7	3 53.72	+18 23.6	1.648	2.612	5.6	20.6
12 17	3 44.02	+18 19.9	1.691	2.605	10.0	20.9
12 27	3 36.71	+18 22.1	1.760	2.598	13.8	21.1

183244 2002 TM_{111} 11 25.7 82°.22 4°.9/23.9 16

10 18	4 39.33	+12 16.2	1.479	2.286	18.3	20.7
10 28	4 34.03	+11 17.6	1.429	2.313	14.4	20.5
11 7	4 25.86	+10 19.7	1.400	2.340	10.0	20.3
11 17	4 15.71	+ 9 27.4	1.396	2.366	6.1	20.2
11 27	4 4.88	+ 8 46.1	1.419	2.392	5.1	20.2
12 7	3 54.76	+ 8 19.9	1.469	2.417	8.1	20.4
12 17	3 46.48	+ 8 10.9	1.545	2.442	12.0	20.7
12 27	3 40.84	+ 8 19.0	1.644	2.466	15.4	21.0

108266 2001 HD_{55} 11 25.7 48°.57 1°.1/25.6 18

10 18	4 45.03	+14 55.8	1.152	1.968	21.9	17.7
10 28	4 39.41	+15 49.2	1.109	1.999	17.1	17.5
11 7	4 29.98	+16 45.5	1.084	2.029	11.5	17.3
11 17	4 17.79	+17 42.5	1.082	2.061	5.5	17.1
11 27	4 4.57	+18 37.8	1.107	2.093	1.4	16.9
12 7	3 52.27	+19 29.8	1.158	2.125	6.9	17.4
12 17	3 42.46	+20 19.0	1.234	2.157	12.0	17.8
12 27	3 36.14	+21 7.1	1.334	2.189	16.3	18.1

406747 2008 HV_{69} 11 25.7 105°.58 0°.9/25.3 18

10 18	4 33.70	+19 10.3	2.307	3.094	13.1	22.0
10 28	4 28.98	+18 57.3	2.231	3.106	10.3	21.9
11 7	4 22.22	+18 40.8	2.178	3.118	6.9	21.7
11 17	4 14.00	+18 21.7	2.152	3.130	3.3	21.5
11 27	4 5.12	+18 1.7	2.156	3.141	1.1	21.3
12 7	3 56.53	+17 43.2	2.190	3.153	4.5	21.6
12 17	3 49.05	+17 28.4	2.252	3.164	8.0	21.8
12 27	3 43.37	+17 19.6	2.341	3.175	11.0	22.0

367846 2011 BB_{123} 11 25.7 22°.62 5°.7/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 31.30	+ 5 41.8	2.043	2.839	14.3	20.6
10 28	4 27.32	+ 5 5.9	1.970	2.843	11.5	20.4
11 7	4 21.22	+ 4 35.5	1.919	2.846	8.6	20.3
11 17	4 13.56	+ 4 14.5	1.894	2.850	6.2	20.1
11 27	4 5.19	+ 4 6.3	1.896	2.854	5.8	20.1
12 7	3 57.06	+ 4 13.1	1.926	2.858	7.8	20.3
12 17	3 50.05	+ 4 35.4	1.982	2.863	10.6	20.4
12 27	3 44.88	+ 5 12.1	2.063	2.868	13.3	20.6

79787 1998 UT_{48} 11 25.7 78°.39 1°.6/25.3 18

10 18	4 40.50	+16 48.0	1.486	2.290	18.4	20.0
10 28	4 35.25	+16 51.7	1.427	2.311	14.4	19.8
11 7	4 26.91	+16 54.1	1.388	2.331	9.7	19.6
11 17	4 16.31	+16 55.8	1.374	2.352	4.7	19.4
11 27	4 4.79	+16 58.2	1.388	2.373	1.9	19.2
12 7	3 53.84	+17 3.1	1.429	2.393	6.3	19.6
12 17	3 44.78	+17 12.8	1.497	2.413	10.8	19.9
12 27	3 38.50	+17 29.1	1.588	2.433	14.7	20.2

201071 2002 EP_{122} 11 25.7 98°.04 0°.1/25.6 18

10 18	4 36.92	+22 1.4	1.788	2.581	16.1	20.8
10 28	4 32.12	+21 47.0	1.716	2.594	12.7	20.6
11 7	4 24.65	+21 25.9	1.667	2.607	8.6	20.4
11 17	4 15.22	+20 58.6	1.642	2.620	4.1	20.1
11 27	4 4.95	+20 27.1	1.646	2.633	0.7	19.9
12 7	3 55.10	+19 54.8	1.679	2.645	5.2	20.3
12 17	3 46.79	+19 25.9	1.740	2.657	9.5	20.6
12 27	3 40.86	+19 4.0	1.825	2.669	13.1	20.8

409761 2006 DO_{95} 11 25.7 0°.33 5°.7/22.9 18

10 18	4 28.70	+ 9 10.2	1.792	2.606	15.3	20.1
10 28	4 25.64	+ 8 2.8	1.718	2.604	12.2	19.9
11 7	4 20.26	+ 6 56.8	1.667	2.603	9.0	19.7
11 17	4 13.16	+ 5 57.4	1.640	2.603	6.3	19.5
11 27	4 5.26	+ 5 10.3	1.641	2.603	6.0	19.5
12 7	3 57.61	+ 4 39.9	1.668	2.604	8.4	19.7
12 17	3 51.20	+ 4 28.4	1.720	2.606	11.6	19.9
12 27	3 46.79	+ 4 35.9	1.795	2.609	14.7	20.1

209833 2005 GS_{151} 11 25.7 235°.49 1°.4/25.1 18

10 18	4 33.94	+19 0.9	1.934	2.731	14.9	20.4
10 28	4 29.73	+18 33.5	1.848	2.728	11.8	20.2
11 7	4 23.06	+18 1.1	1.783	2.725	8.0	20.0
11 17	4 14.51	+17 25.3	1.744	2.721	3.9	19.7
11 27	4 5.05	+16 48.7	1.733	2.718	1.7	19.6
12 7	3 55.81	+16 15.0	1.751	2.714	5.5	19.8
12 17	3 47.85	+15 47.7	1.798	2.710	9.6	20.1
12 27	3 42.00	+15 30.0	1.869	2.706	13.1	20.3

519680 2013 AP_{22} 11 25.7 222°.17 3°.4/24.1 18

10 18	4 34.14	+11 39.4	2.330	3.117	13.0	22.2
10 28	4 29.42	+11 10.1	2.236	3.109	10.3	22.0
11 7	4 22.63	+10 41.2	2.165	3.099	7.3	21.8
11 17	4 14.26	+10 15.2	2.121	3.090	4.4	21.6
11 27	4 5.10	+ 9 55.1	2.106	3.080	3.6	21.5
12 7	3 56.05	+ 9 43.2	2.121	3.069	6.0	21.6
12 17	3 47.98	+ 9 41.5	2.165	3.058	9.2	21.8
12 27	3 41.64	+ 9 50.9	2.234	3.046	12.2	22.0

226245 2002 XV_{52} 11 25.7 342°.50 1°.1/26.1 18

10 18	4 30.77	+24 7.0	1.173	2.006	20.6	19.7
10 28	4 29.06	+24 7.4	1.095	1.994	16.5	19.4
11 7	4 23.62	+23 57.2	1.035	1.984	11.5	19.1
11 17	4 15.11	+23 35.3	0.996	1.975	5.7	18.7
11 27	4 4.95	+23 3.4	0.981	1.967	1.3	18.4
12 7	3 55.02	+22 25.8	0.990	1.961	6.9	18.8
12 17	3 47.08	+21 49.2	1.022	1.955	12.7	19.1
12 27	3 42.46	+21 20.3	1.075	1.951	17.7	19.3

491471 2012 HD_{13} 11 25.7 292°.42 3°.3/24.4 17

10 18	4 32.22	+11 13.5	2.221	3.015	13.4	21.1
10 28	4 28.05	+10 59.0	2.129	3.006	10.6	20.9
11 7	4 21.77	+10 46.3	2.060	2.997	7.5	20.7
11 17	4 13.88	+10 37.7	2.017	2.988	4.4	20.5
11 27	4 5.16	+10 35.5	2.003	2.979	3.5	20.4
12 7	3 56.54	+10 41.4	2.018	2.970	6.0	20.6
12 17	3 48.92	+10 56.8	2.062	2.961	9.3	20.7
12 27	3 43.05	+11 21.9	2.130	2.952	12.4	20.9

207939 3205 $T\text{-}_3$ 11 25.7 92°.71 0°.7/25.9 18

10 18	4 37.99	+23 21.9	1.899	2.684	15.6	20.7
10 28	4 32.78	+23 22.5	1.831	2.704	12.3	20.5
11 7	4 25.00	+23 16.4	1.786	2.723	8.4	20.3
11 17	4 15.36	+23 3.1	1.765	2.742	4.1	20.1
11 27	4 4.95	+22 43.8	1.774	2.760	0.8	19.9
12 7	3 54.98	+22 21.2	1.812	2.779	4.9	20.2
12 17	3 46.52	+21 58.7	1.878	2.796	8.9	20.5
12 27	3 40.36	+21 40.1	1.970	2.814	12.3	20.8

211416 2002 VP_{134} 11 25.7 22°.70 0°.7/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 33.03	+19 27.0	1.356	2.179	18.8	19.7
10 28	4 29.88	+19 30.5	1.295	2.189	14.8	19.5
11 7	4 23.55	+19 29.9	1.253	2.201	10.0	19.2
11 17	4 14.82	+19 25.8	1.234	2.213	4.7	19.0
11 27	4 5.03	+19 19.7	1.240	2.227	1.1	18.8
12 7	3 55.72	+19 14.3	1.273	2.241	6.2	19.2
12 17	3 48.22	+19 12.8	1.331	2.257	11.1	19.5
12 27	3 43.53	+19 18.0	1.412	2.273	15.2	19.8

181760 1996 TJ_{67} 11 25.7 282°.03 0°.6/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 34.31	+23 2.0	2.035	2.824	14.6	20.5
10 28	4 29.99	+23 4.0	1.948	2.822	11.5	20.3
11 7	4 23.24	+22 59.9	1.883	2.821	7.9	20.1
11 17	4 14.61	+22 49.5	1.844	2.820	3.9	19.8
11 27	4 5.06	+22 33.6	1.833	2.819	0.7	19.6
12 7	3 55.71	+22 14.4	1.851	2.818	4.8	19.9
12 17	3 47.60	+21 55.1	1.898	2.817	8.7	20.1
12 27	3 41.59	+21 39.1	1.970	2.816	12.2	20.4

222175 2000 BB_{24} 11 25.7 10°.45 1°.1/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 33.45	+16 28.4	1.644	2.454	16.6	19.0
10 28	4 29.77	+16 53.4	1.570	2.458	13.0	18.8
11 7	4 23.30	+17 19.0	1.517	2.462	8.9	18.6
11 17	4 14.70	+17 45.3	1.488	2.467	4.3	18.3
11 27	4 5.05	+18 12.2	1.487	2.473	1.3	18.1
12 7	3 55.63	+18 40.2	1.514	2.480	5.7	18.4
12 17	3 47.68	+19 10.2	1.567	2.488	10.1	18.7
12 27	3 42.15	+19 43.4	1.644	2.497	13.9	19.0

353216 2009 UQ_{16} 11 25.7 79°.13 1°.2/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 37.88	+23 26.1	2.253	3.027	13.8	20.0
10 28	4 32.32	+23 53.2	2.186	3.051	10.9	19.8
11 7	4 24.52	+24 15.4	2.142	3.075	7.4	19.6
11 17	4 15.10	+24 31.3	2.125	3.099	3.8	19.4
11 27	4 5.01	+24 40.8	2.138	3.123	1.2	19.3
12 7	3 55.25	+24 44.8	2.181	3.147	4.3	19.6
12 17	3 46.77	+24 45.4	2.254	3.170	7.7	19.8
12 27	3 40.29	+24 45.5	2.354	3.193	10.7	20.1

68899 2002 JL_{95} 11 25.7 91°.23 0°.4/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 33.85	+22 56.2	2.354	3.135	13.1	20.3
10 28	4 29.10	+22 50.3	2.280	3.150	10.3	20.1
11 7	4 22.31	+22 38.9	2.229	3.166	7.0	20.0
11 17	4 14.05	+22 22.0	2.204	3.181	3.4	19.8
11 27	4 5.17	+22 0.8	2.209	3.196	0.6	19.6
12 7	3 56.59	+21 37.7	2.245	3.211	4.1	19.9
12 17	3 49.15	+21 15.3	2.309	3.225	7.5	20.1
12 27	3 43.51	+20 56.6	2.400	3.240	10.5	20.3

301731 2010 GT_{127} 11 25.7 123°.55 2°.8/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 35.10	+14 39.9	1.949	2.746	14.9	21.2
10 28	4 30.42	+14 9.8	1.875	2.754	11.7	21.0
11 7	4 23.39	+13 38.4	1.822	2.762	8.0	20.8
11 17	4 14.63	+13 8.1	1.796	2.770	4.3	20.6
11 27	4 5.09	+12 42.1	1.798	2.777	3.0	20.5
12 7	3 55.86	+12 23.3	1.829	2.785	6.1	20.7
12 17	3 47.93	+12 14.1	1.888	2.792	9.7	20.9
12 27	3 42.08	+12 15.9	1.971	2.798	13.0	21.2

14148 Jimchamberlin 11 25.7 267°.98 0°.6/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 36.40	+20 35.0	1.627	2.430	17.1	19.9
10 28	4 32.41	+20 25.3	1.534	2.417	13.6	19.6
11 7	4 25.34	+20 9.6	1.461	2.403	9.3	19.3
11 17	4 15.80	+19 48.4	1.412	2.390	4.5	19.0
11 27	4 4.90	+19 23.3	1.390	2.376	1.0	18.7
12 7	3 54.09	+18 57.6	1.396	2.362	6.1	19.1
12 17	3 44.76	+18 35.5	1.429	2.349	11.0	19.3
12 27	3 38.06	+18 21.4	1.486	2.334	15.3	19.5

309526 2007 XJ_{28} 11 25.7 72°.56 0°.7/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 35.85	+23 20.9	1.805	2.598	16.0	21.0
10 28	4 31.39	+23 21.8	1.731	2.608	12.6	20.8
11 7	4 24.24	+23 15.8	1.678	2.618	8.7	20.6
11 17	4 15.09	+23 2.5	1.651	2.627	4.2	20.4
11 27	4 5.03	+22 43.0	1.651	2.637	0.8	20.1
12 7	3 55.32	+22 20.0	1.680	2.647	5.1	20.5
12 17	3 47.11	+21 57.2	1.737	2.657	9.3	20.7
12 27	3 41.26	+21 38.6	1.818	2.667	12.9	21.0

1058 Grubba 11 25.7 83°.37 1°.1/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 40.63	+21 8.0	1.352	2.160	19.6	15.3
10 28	4 35.60	+20 35.2	1.296	2.182	15.4	15.1
11 7	4 27.24	+19 54.2	1.260	2.204	10.4	14.9
11 17	4 16.49	+19 7.1	1.247	2.226	4.9	14.6
11 27	4 4.85	+18 17.7	1.261	2.247	1.4	14.4
12 7	3 53.97	+17 31.7	1.302	2.268	6.5	14.8
12 17	3 45.20	+16 54.4	1.370	2.288	11.4	15.2
12 27	3 39.44	+16 29.8	1.460	2.308	15.6	15.5

225495 2000 HT_{105} 11 25.7 212°.38 0°.7/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 38.27	+19 2.7	1.811	2.604	16.0	20.7
10 28	4 33.43	+19 7.6	1.722	2.600	12.6	20.5
11 7	4 25.78	+19 9.5	1.655	2.596	8.6	20.3
11 17	4 15.92	+19 8.5	1.613	2.591	4.1	20.0
11 27	4 4.91	+19 5.4	1.600	2.586	1.0	19.7
12 7	3 54.05	+19 2.1	1.615	2.580	5.6	20.0
12 17	3 44.59	+19 1.2	1.659	2.574	10.0	20.3
12 27	3 37.53	+19 5.4	1.727	2.568	13.9	20.5

338263 2002 TA_{253} 11 25.7 311°.69 12°.6/18.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 31.14	+11 2.9	0.919	1.776	23.0	19.9
10 28	4 29.72	+ 7 23.9	0.852	1.761	18.8	19.5
11 7	4 24.25	+ 3 25.9	0.803	1.746	14.8	19.3
11 17	4 15.46	− 0 30.6	0.777	1.732	12.6	19.1
11 27	4 4.98	− 3 59.3	0.774	1.719	14.1	19.1
12 7	3 54.85	− 6 38.4	0.792	1.706	18.2	19.3
12 17	3 46.94	− 8 17.0	0.829	1.694	22.8	19.5
12 27	3 42.58	− 8 56.6	0.880	1.683	27.0	19.8

53493 2000 AP_{67} 11 25.7 191°.93 1°.6/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 38.11	+25 32.0	1.668	2.459	17.2	19.4
10 28	4 33.62	+25 34.9	1.585	2.459	13.7	19.1
11 7	4 26.05	+25 28.5	1.521	2.458	9.6	18.9
11 17	4 16.07	+25 11.6	1.482	2.457	5.0	18.6
11 27	4 4.91	+24 44.6	1.471	2.456	1.6	18.4
12 7	3 54.01	+24 10.6	1.488	2.455	5.6	18.7
12 17	3 44.76	+23 34.6	1.531	2.453	10.2	18.9
12 27	3 38.20	+23 2.1	1.600	2.451	14.3	19.2

298201 2002 TN_{282} 11 25.7 34°.81 3°.2/24.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 33.34	+20 42.3	1.299	2.124	19.4	18.7
10 28	4 29.80	+18 56.5	1.250	2.147	15.0	18.5
11 7	4 23.20	+17 0.2	1.222	2.171	10.1	18.3
11 17	4 14.53	+15 0.4	1.218	2.196	5.1	18.1
11 27	4 5.19	+13 6.8	1.241	2.222	3.6	18.0
12 7	3 56.65	+11 28.8	1.291	2.249	7.7	18.4
12 17	3 50.06	+10 12.9	1.366	2.277	12.2	18.7
12 27	3 46.18	+ 9 21.9	1.464	2.305	15.9	19.0

396131 2013 CT_{203} 11 25.7 63°.75 2°.6/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 35.13	+14 50.0	1.763	2.566	15.9	20.9
10 28	4 30.69	+14 35.6	1.695	2.578	12.5	20.7
11 7	4 23.69	+14 20.7	1.649	2.591	8.5	20.5
11 17	4 14.81	+14 7.4	1.628	2.603	4.5	20.3
11 27	4 5.12	+13 58.0	1.634	2.616	2.8	20.2
12 7	3 55.80	+13 54.8	1.669	2.629	6.1	20.5
12 17	3 47.91	+13 59.7	1.731	2.642	10.0	20.7
12 27	3 42.29	+14 13.8	1.818	2.655	13.5	21.0

114779 2003 MQ_{2} 11 25.7 79°.63 1°.7/25.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 38.35	+18 48.2	1.696	2.494	16.7	19.1
10 28	4 33.08	+18 14.5	1.640	2.521	13.0	18.9
11 7	4 25.18	+17 36.2	1.606	2.548	8.7	18.8
11 17	4 15.44	+16 55.3	1.597	2.574	4.2	18.5
11 27	4 5.05	+16 15.4	1.616	2.600	1.9	18.5
12 7	3 55.27	+15 40.4	1.664	2.626	5.8	18.8
12 17	3 47.15	+15 13.9	1.740	2.651	9.9	19.1
12 27	3 41.45	+14 58.4	1.840	2.676	13.4	19.3

20384 1998 KW_{51} 11 25.7 19°.48 9°.7/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 33.27	+ 0 7.7	1.347	2.161	19.4	16.7
10 28	4 29.84	− 0 40.1	1.291	2.167	16.1	16.5
11 7	4 23.42	− 1 13.9	1.254	2.174	12.8	16.3
11 17	4 14.77	− 1 26.6	1.238	2.182	10.3	16.2
11 27	4 5.14	− 1 12.8	1.246	2.190	9.9	16.2
12 7	3 55.96	− 0 31.2	1.277	2.200	11.8	16.4
12 17	3 48.48	+ 0 35.7	1.332	2.211	14.9	16.6
12 27	3 43.63	+ 2 2.8	1.408	2.222	18.0	16.8

246097 2007 EN_{63} 11 25.7 202°.59 2°.7/26.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 38.88	+27 37.3	1.763	2.545	16.8	21.1
10 28	4 34.20	+27 57.4	1.676	2.543	13.5	20.8
11 7	4 26.45	+28 8.1	1.610	2.541	9.6	20.6
11 17	4 16.30	+28 7.0	1.568	2.539	5.4	20.3
11 27	4 4.90	+27 53.2	1.554	2.536	2.7	20.2
12 7	3 53.71	+27 28.7	1.568	2.533	5.7	20.3
12 17	3 44.10	+26 57.8	1.610	2.530	9.9	20.6
12 27	3 37.14	+26 26.5	1.676	2.527	13.8	20.8

243964 2001 QD_{254} 11 25.7 51°.45 4°.1/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 35.03	+10 36.3	1.699	2.504	16.4	19.6
10 28	4 30.62	+10 19.9	1.635	2.518	12.9	19.4
11 7	4 23.65	+10 7.0	1.594	2.532	9.1	19.2
11 17	4 14.80	+10 0.3	1.576	2.547	5.4	19.1
11 27	4 5.15	+10 2.4	1.586	2.562	4.3	19.0
12 7	3 55.90	+10 15.1	1.624	2.577	7.1	19.2
12 17	3 48.11	+10 38.9	1.689	2.592	10.7	19.5
12 27	3 42.61	+11 13.6	1.777	2.608	14.1	19.7

16918 1998 FF_{32} 11 25.7 41°.80 0°.7/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 30.60	+20 32.3	2.354	3.144	12.8	18.1
10 28	4 26.62	+20 8.4	2.273	3.150	10.0	17.9
11 7	4 20.69	+19 39.7	2.215	3.156	6.8	17.7
11 17	4 13.35	+19 7.2	2.184	3.162	3.2	17.5
11 27	4 5.36	+18 33.2	2.182	3.168	0.9	17.3
12 7	3 57.61	+18 0.4	2.210	3.174	4.4	17.6
12 17	3 50.90	+17 31.8	2.267	3.181	7.8	17.8
12 27	3 45.89	+17 10.0	2.350	3.188	10.8	18.1

134533 1999 RO_{64} 11 25.7 39°.25 6°.7/27.7 18

10 18	4 40.22	+32 41.4	1.192	1.992	22.2	18.5
10 28	4 36.67	+33 47.5	1.133	2.004	18.3	18.3
11 7	4 28.84	+34 38.3	1.092	2.017	13.7	18.1
11 17	4 17.59	+35 6.6	1.071	2.031	9.3	17.9
11 27	4 4.73	+35 8.1	1.074	2.045	6.8	17.8
12 7	3 52.50	+34 44.5	1.101	2.060	8.6	18.0
12 17	3 42.84	+34 3.4	1.153	2.076	12.7	18.2
12 27	3 37.05	+33 15.5	1.225	2.092	16.7	18.5

129677 1998 RZ_{43} 11 25.7 79°.82 2°.7/24.6 18

10 18	4 37.26	+15 2.6	1.812	2.609	15.8	20.6
10 28	4 32.07	+14 33.7	1.756	2.635	12.3	20.5
11 7	4 24.43	+14 3.7	1.721	2.661	8.4	20.3
11 17	4 15.09	+13 35.1	1.712	2.686	4.4	20.1
11 27	4 5.13	+13 10.9	1.731	2.711	2.9	20.1
12 7	3 55.68	+12 54.0	1.779	2.736	6.1	20.3
12 17	3 47.74	+12 46.6	1.855	2.761	9.8	20.6
12 27	3 42.03	+12 49.8	1.956	2.785	13.0	20.8

511768 2015 DN_{212} 11 25.7 152°.86 6°.6/23.2 18

10 18	4 36.30	+ 5 52.2	1.770	2.566	16.2	22.0
10 28	4 31.55	+ 4 56.3	1.699	2.571	13.1	21.8
11 7	4 24.28	+ 4 5.4	1.650	2.575	9.8	21.6
11 17	4 15.12	+ 3 24.8	1.625	2.580	7.2	21.4
11 27	4 5.12	+ 2 59.6	1.628	2.584	6.8	21.4
12 7	3 55.43	+ 2 53.0	1.658	2.587	9.1	21.6
12 17	3 47.14	+ 3 6.0	1.714	2.591	12.2	21.8
12 27	3 41.06	+ 3 37.3	1.793	2.593	15.2	22.0

59505 1999 JW_{10} 11 25.7 329°.88 1°.7/25.2 18

10 18	4 33.60	+16 18.5	1.730	2.537	16.0	18.5
10 28	4 29.88	+16 19.8	1.643	2.529	12.7	18.2
11 7	4 23.44	+16 20.5	1.577	2.521	8.7	18.0
11 17	4 14.86	+16 21.4	1.536	2.513	4.3	17.7
11 27	4 5.14	+16 24.1	1.522	2.506	2.0	17.5
12 7	3 55.55	+16 30.4	1.536	2.500	6.0	17.8
12 17	3 47.29	+16 42.2	1.577	2.494	10.3	18.0
12 27	3 41.35	+17 1.1	1.642	2.488	14.2	18.3

328484 2009 MJ_{5} 11 25.7 137°.43 2°.7/24.8 18

10 18	4 38.73	+15 36.7	1.625	2.426	17.2	21.1
10 28	4 33.80	+15 13.9	1.552	2.434	13.5	20.9
11 7	4 25.99	+14 49.2	1.500	2.442	9.3	20.6
11 17	4 15.99	+14 24.8	1.473	2.449	4.8	20.4
11 27	4 4.99	+14 3.8	1.473	2.455	2.9	20.3
12 7	3 54.37	+13 49.4	1.502	2.462	6.7	20.5
12 17	3 45.37	+13 44.4	1.558	2.467	11.0	20.8
12 27	3 38.93	+13 50.5	1.637	2.473	14.8	21.1

299053 2005 CP_{5} 11 25.7 257°.13 2°.1/26.5 18

10 18	4 36.59	+26 25.9	1.888	2.671	15.8	21.1
10 28	4 32.22	+26 40.8	1.795	2.663	12.7	20.8
11 7	4 25.04	+26 47.6	1.722	2.656	8.9	20.6
11 17	4 15.63	+26 44.4	1.675	2.648	4.9	20.3
11 27	4 5.03	+26 30.9	1.656	2.639	2.1	20.1
12 7	3 54.56	+26 8.9	1.665	2.631	5.3	20.3
12 17	3 45.47	+25 42.1	1.702	2.623	9.4	20.6
12 27	3 38.77	+25 15.8	1.764	2.614	13.2	20.8

276597 2003 SH_{430} 11 25.7 219°.13 3°.7/27.7 17

10 18	4 34.69	+33 13.9	2.447	3.199	13.4	21.3
10 28	4 30.13	+33 32.1	2.355	3.198	11.0	21.2
11 7	4 23.26	+33 39.6	2.284	3.196	8.2	21.0
11 17	4 14.66	+33 34.3	2.238	3.194	5.4	20.8
11 27	4 5.19	+33 15.2	2.221	3.192	3.8	20.7
12 7	3 55.89	+32 44.1	2.234	3.191	5.0	20.8
12 17	3 47.76	+32 4.2	2.275	3.189	7.8	21.0
12 27	3 41.58	+31 20.6	2.343	3.187	10.6	21.1

181389 2006 SW_{60} 11 25.7 332°.25 2°.7/24.9 18

10 18	4 33.11	+14 40.7	1.701	2.510	16.2	19.6
10 28	4 29.48	+14 30.1	1.616	2.503	12.8	19.4
11 7	4 23.16	+14 19.4	1.552	2.496	8.8	19.1
11 17	4 14.72	+14 10.3	1.513	2.489	4.6	18.9
11 27	4 5.18	+14 5.5	1.501	2.483	2.9	18.8
12 7	3 55.79	+14 7.1	1.517	2.477	6.4	19.0
12 17	3 47.75	+14 17.3	1.559	2.472	10.7	19.2
12 27	3 42.03	+14 37.1	1.624	2.467	14.5	19.4

156614 2002 GH_{130} 11 25.7 98°.56 1°.8/26.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 34.76	+26 43.7	2.282	3.056	13.7	20.4
10 28	4 30.06	+26 51.9	2.202	3.065	10.9	20.2
11 7	4 23.13	+26 52.5	2.143	3.074	7.6	20.0
11 17	4 14.55	+26 44.4	2.112	3.083	4.1	19.8
11 27	4 5.22	+26 28.0	2.109	3.092	1.8	19.7
12 7	3 56.14	+26 5.2	2.136	3.101	4.4	19.9
12 17	3 48.26	+25 39.2	2.191	3.110	7.8	20.1
12 27	3 42.32	+25 13.9	2.274	3.118	10.9	20.3

357739 2005 RQ_{47} 11 25.7 217°.19 4°.9/27.9 17

10 18	4 40.20	+35 47.0	2.635	3.363	13.1	22.2
10 28	4 34.54	+36 34.7	2.531	3.354	11.0	22.0
11 7	4 26.38	+37 12.8	2.450	3.345	8.5	21.9
11 17	4 16.22	+37 37.4	2.395	3.336	6.2	21.7
11 27	4 4.96	+37 46.0	2.368	3.325	4.9	21.6
12 7	3 53.69	+37 38.4	2.372	3.315	5.8	21.6
12 17	3 43.52	+37 17.1	2.405	3.304	8.1	21.8
12 27	3 35.39	+36 47.0	2.464	3.292	10.7	21.9

324781 2007 GW_{58} 11 25.7 101°.81 4°.5/23.2 18

10 18	4 31.12	+10 4.5	2.198	2.995	13.4	21.2
10 28	4 27.07	+ 9 5.8	2.121	2.998	10.6	21.0
11 7	4 21.02	+ 8 7.7	2.067	3.000	7.7	20.8
11 17	4 13.53	+ 7 14.2	2.039	3.003	5.2	20.7
11 27	4 5.38	+ 6 29.7	2.041	3.005	4.8	20.6
12 7	3 57.46	+ 5 57.6	2.070	3.008	6.9	20.8
12 17	3 50.60	+ 5 40.1	2.127	3.010	9.8	21.0
12 27	3 45.46	+ 5 37.9	2.209	3.013	12.6	21.2

359802 2011 UC_{244} 11 25.7 63°.07 0°.4/25.5 18

10 18	4 34.00	+22 10.8	1.851	2.648	15.5	21.1
10 28	4 29.87	+21 43.4	1.773	2.653	12.2	20.9
11 7	4 23.19	+21 8.3	1.716	2.657	8.3	20.7
11 17	4 14.63	+20 26.8	1.684	2.662	3.9	20.4
11 27	4 5.22	+19 41.5	1.681	2.667	0.8	20.2
12 7	3 56.13	+18 56.5	1.706	2.672	5.2	20.5
12 17	3 48.43	+18 16.3	1.759	2.677	9.4	20.8
12 27	3 42.97	+17 44.7	1.837	2.682	13.0	21.0

30237 2000 HY_{1} 11 25.7 140°.61 3°.0/24.4 18

10 18	4 36.61	+15 22.6	1.818	2.615	15.7	18.8
10 28	4 31.80	+14 41.2	1.743	2.623	12.4	18.6
11 7	4 24.45	+13 57.2	1.690	2.631	8.5	18.4
11 17	4 15.21	+13 13.5	1.663	2.638	4.6	18.2
11 27	4 5.14	+12 33.9	1.665	2.644	3.2	18.1
12 7	3 55.42	+12 2.4	1.695	2.650	6.5	18.4
12 17	3 47.12	+11 42.1	1.752	2.656	10.4	18.6
12 27	3 41.06	+11 34.9	1.834	2.661	13.8	18.8

312879 2011 UC_{192} 11 25.7 71°.18 0°.5/25.6 18

10 18	4 35.48	+20 18.1	1.827	2.624	15.7	21.3
10 28	4 31.02	+20 13.8	1.754	2.634	12.3	21.1
11 7	4 23.97	+20 4.9	1.703	2.644	8.4	20.8
11 17	4 15.00	+19 51.9	1.677	2.655	4.0	20.6
11 27	4 5.17	+19 36.3	1.679	2.665	0.8	20.4
12 7	3 55.68	+19 20.6	1.710	2.676	5.2	20.7
12 17	3 47.63	+19 7.9	1.768	2.686	9.3	21.0
12 27	3 41.84	+19 1.2	1.852	2.697	12.9	21.3

363335 2002 PD_{178} 11 25.7 187°.94 1°.9/26.9 17

10 18	4 33.12	+28 50.3	2.510	3.276	12.8	21.1
10 28	4 28.66	+28 41.5	2.418	3.276	10.2	20.9
11 7	4 22.13	+28 23.3	2.348	3.275	7.2	20.8
11 17	4 14.07	+27 55.1	2.305	3.275	4.0	20.6
11 27	4 5.31	+27 17.8	2.292	3.274	1.9	20.4
12 7	3 56.75	+26 33.9	2.308	3.273	4.1	20.6
12 17	3 49.27	+25 47.1	2.354	3.272	7.3	20.8
12 27	3 43.56	+25 1.5	2.427	3.271	10.3	21.0

40223 1998 SX_{142} 11 25.7 180°.66 5°.1/28.4 18

10 18	4 38.62	+37 58.5	2.839	3.556	12.5	19.0
10 28	4 33.07	+38 42.7	2.744	3.557	10.5	18.8
11 7	4 25.22	+39 16.2	2.672	3.557	8.3	18.7
11 17	4 15.61	+39 35.6	2.626	3.557	6.2	18.5
11 27	4 5.07	+39 39.0	2.608	3.557	5.1	18.5
12 7	3 54.64	+39 26.5	2.620	3.556	5.7	18.5
12 17	3 45.29	+39 0.7	2.661	3.555	7.7	18.6
12 27	3 37.85	+38 26.2	2.729	3.554	9.9	18.8

228881 2003 OT_{8} 11 25.7 55°.19 3°.8/28.2 18

10 18	4 38.79	+35 10.6	1.982	2.735	16.1	19.2
10 28	4 33.28	+34 49.7	1.925	2.769	13.0	19.1
11 7	4 25.20	+34 12.7	1.890	2.804	9.6	19.0
11 17	4 15.43	+33 18.5	1.880	2.838	6.0	18.8
11 27	4 5.15	+32 9.1	1.898	2.872	3.8	18.7
12 7	3 55.60	+30 49.3	1.946	2.907	5.2	18.9
12 17	3 47.78	+29 26.1	2.022	2.941	8.3	19.1
12 27	3 42.36	+28 6.1	2.126	2.975	11.3	19.4

113303 2002 RC_{185} 11 25.7 137°.69 5°.5/29.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 36.05	+39 40.4	2.520	3.244	13.8	19.6
10 28	4 31.28	+40 2.9	2.430	3.246	11.6	19.4
11 7	4 24.08	+40 11.4	2.361	3.247	9.2	19.2
11 17	4 15.06	+40 2.9	2.317	3.249	6.9	19.1
11 27	4 5.18	+39 36.0	2.300	3.250	5.5	19.0
12 7	3 55.55	+38 52.0	2.311	3.252	6.1	19.1
12 17	3 47.20	+37 55.2	2.351	3.253	8.2	19.2
12 27	3 40.96	+36 51.3	2.417	3.254	10.6	19.3

227024 2004 YC_{1} 11 25.7 288°.28 2°.6/26.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 40.19	+25 9.4	2.340	3.104	13.6	20.1
10 28	4 34.73	+26 15.3	2.232	3.088	11.0	19.9
11 7	4 26.67	+27 19.2	2.147	3.073	7.9	19.7
11 17	4 16.46	+28 17.8	2.090	3.058	4.5	19.4
11 27	4 4.95	+29 8.0	2.063	3.043	2.6	19.3
12 7	3 53.25	+29 48.3	2.067	3.028	5.0	19.4
12 17	3 42.54	+30 19.1	2.102	3.013	8.5	19.6
12 27	3 33.83	+30 42.9	2.163	2.998	11.7	19.8

241562 4192 $T\text{-}3$ 11 25.7 65°.83 2°.4/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 41.10	+25 2.5	1.657	2.443	17.5	20.2
10 28	4 35.74	+25 44.7	1.596	2.466	13.9	20.0
11 7	4 27.32	+26 20.0	1.555	2.489	9.7	19.8
11 17	4 16.64	+26 45.6	1.540	2.512	5.2	19.6
11 27	4 4.97	+27 0.0	1.552	2.535	2.4	19.4
12 7	3 53.80	+27 4.3	1.593	2.558	5.6	19.7
12 17	3 44.43	+27 1.7	1.661	2.581	9.7	20.0
12 27	3 37.80	+26 57.1	1.754	2.604	13.3	20.3

284278 2006 JJ_{27} 11 25.7 1°.26 0°.7/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 32.26	+22 19.5	1.450	2.267	18.1	20.4
10 28	4 29.28	+21 43.6	1.374	2.266	14.3	20.2
11 7	4 23.21	+20 57.7	1.318	2.265	9.7	19.9
11 17	4 14.78	+20 3.3	1.286	2.265	4.6	19.6
11 27	4 5.23	+19 4.7	1.280	2.266	1.1	19.4
12 7	3 56.05	+18 7.6	1.300	2.267	6.3	19.7
12 17	3 48.56	+17 18.1	1.346	2.269	11.2	20.0
12 27	3 43.76	+16 41.4	1.415	2.272	15.5	20.3

325384 2008 SC_{268} 11 25.7 121°.85 6°.6/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 43.19	+43 47.6	2.950	3.630	12.8	21.3
10 28	4 36.74	+44 52.7	2.871	3.646	11.0	21.2
11 7	4 27.77	+45 45.0	2.813	3.662	9.1	21.1
11 17	4 16.85	+46 20.1	2.781	3.677	7.5	21.0
11 27	4 4.93	+46 35.0	2.777	3.692	6.6	21.0
12 7	3 53.16	+46 29.5	2.801	3.706	6.9	21.0
12 17	3 42.66	+46 6.5	2.854	3.720	8.2	21.1
12 27	3 34.30	+45 30.9	2.932	3.733	9.9	21.2

190688 2001 DB_{89} 11 25.7 237°.32 2°.6/24.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 31.58	+14 9.2	2.475	3.264	12.3	21.4
10 28	4 27.35	+13 39.2	2.382	3.257	9.7	21.2
11 7	4 21.21	+13 8.1	2.312	3.250	6.7	21.0
11 17	4 13.66	+12 37.8	2.269	3.242	3.7	20.8
11 27	4 5.40	+12 11.0	2.256	3.234	2.8	20.7
12 7	3 57.27	+11 50.2	2.273	3.226	5.3	20.9
12 17	3 50.05	+11 37.7	2.318	3.218	8.4	21.0
12 27	3 44.41	+11 34.8	2.390	3.209	11.3	21.2

67528 2000 RC_{87} 11 25.7 60°.54 1°.4/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 38.10	+20 15.3	1.223	2.044	20.6	19.0
10 28	4 34.08	+19 46.9	1.166	2.060	16.1	18.8
11 7	4 26.50	+19 11.2	1.129	2.076	10.9	18.5
11 17	4 16.30	+18 30.2	1.113	2.092	5.2	18.3
11 27	4 5.04	+17 47.8	1.123	2.109	1.7	18.1
12 7	3 54.48	+17 9.7	1.159	2.126	7.0	18.5
12 17	3 46.09	+16 40.9	1.220	2.142	12.2	18.8
12 27	3 40.86	+16 25.3	1.303	2.159	16.6	19.1

482904 2014 HO_{22} 11 25.7 178°.71 6°.3/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 34.72	+ 2 51.3	2.281	3.059	13.5	21.4
10 28	4 29.79	+ 2 6.6	2.203	3.061	11.1	21.2
11 7	4 22.84	+ 1 28.1	2.148	3.062	8.6	21.1
11 17	4 14.42	+ 1 0.2	2.119	3.062	6.7	21.0
11 27	4 5.31	+ 0 46.4	2.118	3.062	6.4	21.0
12 7	3 56.40	+ 0 49.0	2.146	3.062	8.1	21.1
12 17	3 48.53	+ 1 8.4	2.201	3.061	10.6	21.2
12 27	3 42.40	+ 1 43.6	2.280	3.060	13.0	21.4

515433 2013 JE_{58} 11 25.7 79°.38 0°.3/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 36.97	+19 3.9	2.331	3.110	13.3	21.4
10 28	4 31.47	+19 20.5	2.266	3.135	10.3	21.2
11 7	4 23.92	+19 34.9	2.223	3.160	7.0	21.1
11 17	4 14.89	+19 46.7	2.208	3.185	3.3	20.9
11 27	4 5.25	+19 56.4	2.223	3.209	0.6	20.7
12 7	3 55.95	+20 4.9	2.269	3.234	4.2	21.0
12 17	3 47.82	+20 13.7	2.344	3.257	7.6	21.3
12 27	3 41.55	+20 24.6	2.446	3.281	10.5	21.5

400416 2008 CY_{68} 11 25.7 188°.34 0°.1/25.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 36.01	+20 28.9	2.192	2.975	13.8	21.7
10 28	4 31.15	+20 36.7	2.103	2.975	10.9	21.5
11 7	4 23.98	+20 41.1	2.036	2.974	7.4	21.2
11 17	4 15.05	+20 41.8	1.996	2.973	3.6	21.0
11 27	4 5.22	+20 39.4	1.986	2.972	0.5	20.8
12 7	3 55.55	+20 35.4	2.005	2.971	4.6	21.1
12 17	3 47.02	+20 32.0	2.054	2.969	8.4	21.3
12 27	3 40.46	+20 31.8	2.128	2.967	11.7	21.5

519729 2013 CH_{207} 11 25.7 201°.99 1°.6/26.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 35.79	+27 53.1	2.632	3.392	12.4	22.4
10 28	4 30.67	+27 44.9	2.532	3.387	9.9	22.2
11 7	4 23.48	+27 28.1	2.455	3.382	7.0	22.0
11 17	4 14.75	+27 2.0	2.406	3.376	3.8	21.8
11 27	4 5.27	+26 27.4	2.386	3.370	1.6	21.6
12 7	3 55.95	+25 46.5	2.398	3.363	4.0	21.8
12 17	3 47.66	+25 2.7	2.440	3.355	7.2	22.0
12 27	3 41.11	+24 20.1	2.509	3.347	10.2	22.2

475106 2005 UA_{237} 11 25.7 339°.99 3°.2/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 31.40	+15 41.5	1.249	2.083	19.5	21.1
10 28	4 29.14	+15 17.8	1.172	2.073	15.5	20.8
11 7	4 23.49	+14 51.5	1.113	2.063	10.7	20.5
11 17	4 15.08	+14 25.8	1.076	2.054	5.6	20.2
11 27	4 5.21	+14 4.9	1.063	2.046	3.5	20.0
12 7	3 55.53	+13 53.0	1.076	2.039	7.9	20.3
12 17	3 47.61	+13 53.7	1.111	2.033	13.1	20.5
12 27	3 42.68	+14 8.9	1.168	2.029	17.8	20.8

80425 1999 XV_{218} 11 25.7 331°.84 0°.6/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 35.87	+23 44.6	1.435	2.245	18.6	19.5
10 28	4 32.33	+23 36.5	1.356	2.242	14.8	19.2
11 7	4 25.45	+23 18.8	1.295	2.239	10.2	19.0
11 17	4 15.93	+22 51.4	1.258	2.236	5.0	18.7
11 27	4 5.09	+22 15.8	1.247	2.233	0.9	18.4
12 7	3 54.55	+21 36.2	1.262	2.231	6.2	18.7
12 17	3 45.80	+20 58.4	1.304	2.229	11.3	19.0
12 27	3 39.97	+20 28.1	1.368	2.227	15.7	19.3

515556 2014 HJ_{22} 11 25.7 164°.13 1°.9/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 35.88	+15 34.7	2.423	3.204	12.8	22.1
10 28	4 30.64	+15 18.1	2.339	3.210	10.0	21.9
11 7	4 23.40	+15 0.1	2.278	3.215	6.8	21.7
11 17	4 14.69	+14 42.1	2.245	3.220	3.5	21.5
11 27	4 5.29	+14 26.1	2.242	3.224	2.1	21.4
12 7	3 56.10	+14 14.2	2.270	3.227	4.9	21.6
12 17	3 47.96	+14 8.1	2.327	3.230	8.2	21.9
12 27	3 41.55	+14 9.5	2.411	3.232	11.1	22.0

132011 2002 CM_{102} 11 25.7 115°.79 0°.0/25.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 41.27	+21 51.9	1.583	2.377	17.8	20.5
10 28	4 35.92	+21 47.9	1.515	2.393	14.1	20.3
11 7	4 27.48	+21 37.2	1.468	2.408	9.6	20.1
11 17	4 16.74	+21 19.8	1.444	2.422	4.6	19.8
11 27	4 5.00	+20 57.0	1.449	2.436	0.7	19.6
12 7	3 53.76	+20 32.2	1.482	2.449	5.7	20.0
12 17	3 44.35	+20 9.6	1.543	2.462	10.4	20.3
12 27	3 37.70	+19 53.5	1.628	2.474	14.3	20.5

404899 2014 KD_{83} 11 25.7 130°.01 0°.1/25.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 35.71	+22 31.0	2.544	3.317	12.4	22.1
10 28	4 30.36	+22 5.3	2.467	3.333	9.7	21.9
11 7	4 23.09	+21 33.5	2.414	3.349	6.6	21.7
11 17	4 14.49	+20 56.5	2.388	3.365	3.1	21.5
11 27	4 5.34	+20 16.4	2.393	3.379	0.5	21.3
12 7	3 56.50	+19 35.8	2.429	3.394	4.0	21.6
12 17	3 48.76	+18 58.0	2.496	3.407	7.3	21.9
12 27	3 42.74	+18 26.0	2.589	3.420	10.1	22.1

478557 2012 TS_{40} 11 25.7 48°.06 3°.5/27.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 37.91	+29 31.6	1.378	2.177	19.8	21.7
10 28	4 33.92	+29 45.1	1.318	2.193	15.9	21.5
11 7	4 26.42	+29 44.5	1.276	2.210	11.4	21.3
11 17	4 16.30	+29 27.4	1.257	2.227	6.6	21.0
11 27	4 5.07	+28 53.9	1.264	2.245	3.5	20.9
12 7	3 54.50	+28 8.3	1.297	2.263	6.4	21.1
12 17	3 46.05	+27 17.5	1.355	2.282	10.8	21.4
12 27	3 40.72	+26 29.3	1.437	2.301	14.9	21.7

77495 2001 HM_{37} 11 25.7 167°.71 0°.6/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 32.51	+24 52.8	2.918	3.686	11.1	20.0
10 28	4 27.77	+24 32.5	2.827	3.690	8.8	19.9
11 7	4 21.33	+24 5.7	2.760	3.693	6.0	19.7
11 17	4 13.67	+23 32.7	2.721	3.696	3.0	19.5
11 27	4 5.45	+22 54.8	2.712	3.698	0.6	19.3
12 7	3 57.43	+22 14.5	2.735	3.700	3.5	19.6
12 17	3 50.30	+21 34.5	2.788	3.702	6.5	19.8
12 27	3 44.64	+20 58.0	2.868	3.703	9.1	19.9

130939 2000 WR_{41} 11 25.7 7°.51 5°.2/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 33.07	+10 44.7	1.500	2.318	17.6	19.1
10 28	4 29.61	+10 0.8	1.429	2.318	14.0	18.9
11 7	4 23.30	+ 9 18.5	1.378	2.319	10.0	18.7
11 17	4 14.81	+ 8 42.5	1.351	2.320	6.3	18.5
11 27	4 5.28	+ 8 17.8	1.349	2.322	5.4	18.4
12 7	3 56.07	+ 8 8.4	1.374	2.324	8.4	18.6
12 17	3 48.41	+ 8 15.9	1.424	2.326	12.4	18.8
12 27	3 43.23	+ 8 40.3	1.496	2.330	16.1	19.1

332685 2009 HH_{36} 11 25.7 57°.06 0°.4/25.0 18

10 18	4 16.54	+16 38.0	11.128	11.901	3.1	21.7
10 28	4 14.34	+16 35.6	11.055	11.924	2.4	21.7
11 7	4 11.80	+16 33.0	11.010	11.947	1.6	21.6
11 17	4 9.02	+16 30.3	10.994	11.970	0.8	21.5
11 27	4 6.14	+16 27.9	11.009	11.992	0.4	21.5
12 7	4 3.29	+16 26.2	11.055	12.015	1.1	21.6
12 17	4 0.61	+16 25.4	11.133	12.038	1.9	21.7
12 27	3 58.22	+16 25.9	11.239	12.060	2.7	21.7

47364 1999 XH_{78} 11 25.7 236°.55 0°.2/25.8 18

10 18	4 35.53	+22 37.2	2.047	2.833	14.6	19.6
10 28	4 31.05	+22 26.9	1.951	2.825	11.6	19.4
11 7	4 24.07	+22 10.0	1.878	2.816	8.0	19.2
11 17	4 15.15	+21 46.5	1.830	2.807	3.8	18.9
11 27	4 5.24	+21 17.8	1.811	2.798	0.5	18.6
12 7	3 55.46	+20 46.7	1.822	2.788	4.9	18.9
12 17	3 46.90	+20 16.9	1.861	2.778	9.0	19.2
12 27	3 40.45	+19 52.2	1.925	2.768	12.6	19.4

54287 2000 JE_{51} 11 25.7 124°.72 2°.1/27.0 18

10 18	4 36.76	+29 58.7	2.263	3.026	14.1	19.3
10 28	4 31.60	+29 40.0	2.183	3.038	11.3	19.1
11 7	4 24.14	+29 9.8	2.124	3.050	8.0	18.9
11 17	4 15.05	+28 27.5	2.092	3.061	4.5	18.7
11 27	4 5.27	+27 34.5	2.090	3.072	2.1	18.6
12 7	3 55.88	+26 34.4	2.117	3.082	4.4	18.8
12 17	3 47.81	+25 32.1	2.175	3.093	7.8	19.0
12 27	3 41.80	+24 32.8	2.259	3.102	11.0	19.2

133609 2003 UA_{101} 11 25.7 347°.35 1°.2/25.3 17

10 18	4 30.78	+18 26.2	1.852	2.659	15.1	20.2
10 28	4 27.48	+18 16.6	1.767	2.653	11.9	20.0
11 7	4 21.72	+18 3.7	1.703	2.647	8.1	19.7
11 17	4 14.04	+17 48.6	1.664	2.642	3.9	19.5
11 27	4 5.40	+17 33.3	1.652	2.637	1.4	19.3
12 7	3 56.93	+17 20.4	1.668	2.633	5.4	19.6
12 17	3 49.69	+17 12.5	1.712	2.630	9.6	19.8
12 27	3 44.56	+17 12.2	1.780	2.628	13.2	20.0

361788 2008 AM_{129} 11 25.7 198°.46 2°.6/24.9 18

10 18	4 35.99	+12 59.3	2.121	2.910	14.1	20.9
10 28	4 31.12	+12 59.4	2.034	2.909	11.1	20.7
11 7	4 23.96	+13 1.1	1.970	2.908	7.7	20.4
11 17	4 15.05	+13 5.8	1.932	2.906	4.2	20.2
11 27	4 5.26	+13 14.9	1.924	2.904	2.7	20.1
12 7	3 55.63	+13 29.6	1.945	2.902	5.6	20.3
12 17	3 47.12	+13 50.8	1.995	2.900	9.2	20.5
12 27	3 40.55	+14 19.2	2.070	2.898	12.5	20.7

382010 2011 AN_{20} 11 25.7 336°.65 2°.1/25.3 18

10 18	4 37.30	+15 36.7	1.357	2.174	19.1	20.5
10 28	4 33.54	+15 44.0	1.279	2.170	15.2	20.3
11 7	4 26.37	+15 51.9	1.221	2.167	10.4	20.0
11 17	4 16.44	+16 1.4	1.186	2.164	5.2	19.7
11 27	4 5.06	+16 13.8	1.176	2.161	2.3	19.5
12 7	3 53.89	+16 30.7	1.193	2.159	7.1	19.8
12 17	3 44.50	+16 53.6	1.236	2.156	12.2	20.1
12 27	3 38.10	+17 24.3	1.300	2.155	16.7	20.3

509516 2007 VD_{307} 11 25.7 347°.44 0°.3/25.6 18

10 18	4 30.85	+24 21.6	1.077	1.915	21.6	20.8
10 28	4 29.31	+23 38.5	1.005	1.908	17.2	20.5
11 7	4 23.89	+22 38.8	0.950	1.901	11.8	20.2
11 17	4 15.33	+21 24.2	0.916	1.896	5.7	19.9
11 27	4 5.22	+20 0.5	0.905	1.892	1.0	19.5
12 7	3 55.52	+18 36.9	0.919	1.889	7.5	19.9
12 17	3 48.00	+17 23.6	0.955	1.887	13.5	20.3
12 27	3 43.91	+16 28.5	1.011	1.886	18.7	20.6

381368 2008 EZ_{88} 11 25.7 205°.61 2°.5/25.0 18

10 18	4 38.70	+15 7.9	1.602	2.404	17.3	20.9
10 28	4 34.06	+15 2.3	1.520	2.402	13.7	20.7
11 7	4 26.39	+14 56.4	1.458	2.400	9.5	20.4
11 17	4 16.35	+14 51.8	1.421	2.398	4.9	20.2
11 27	4 5.08	+14 50.4	1.412	2.395	2.7	20.0
12 7	3 54.02	+14 54.4	1.431	2.392	6.7	20.3
12 17	3 44.53	+15 5.9	1.476	2.389	11.2	20.5
12 27	3 37.64	+15 26.4	1.545	2.385	15.3	20.8

286634 2002 EB_{37} 11 25.7 32°.58 2°.5/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 35.75	+16 58.4	1.092	1.928	21.5	20.1
10 28	4 32.70	+16 43.6	1.036	1.938	16.9	19.8
11 7	4 25.86	+16 25.9	0.997	1.948	11.6	19.6
11 17	4 16.14	+16 7.8	0.980	1.959	5.7	19.3
11 27	4 5.13	+15 52.7	0.986	1.971	2.7	19.1
12 7	3 54.73	+15 44.4	1.017	1.983	7.8	19.5
12 17	3 46.57	+15 46.2	1.071	1.997	13.2	19.8
12 27	3 41.75	+16 0.2	1.146	2.011	17.8	20.1

65418 2002 TC_{47} 11 25.7 41°.07 2°.0/24.9 18

10 18	4 33.71	+17 36.5	1.677	2.485	16.4	19.6
10 28	4 29.83	+17 10.5	1.606	2.493	12.9	19.4
11 7	4 23.28	+16 40.8	1.556	2.500	8.7	19.1
11 17	4 14.76	+16 9.5	1.531	2.509	4.3	18.9
11 27	4 5.34	+15 39.9	1.534	2.517	2.2	18.8
12 7	3 56.29	+15 15.3	1.564	2.526	6.1	19.1
12 17	3 48.71	+14 59.2	1.620	2.535	10.3	19.3
12 27	3 43.48	+14 53.7	1.701	2.545	14.0	19.6

159451 2000 BB_{38} 11 25.8 141°.35 4°.7/23.2 18

10 18	4 31.89	+ 4 13.9	2.864	3.637	11.2	21.2
10 28	4 27.13	+ 3 41.4	2.790	3.647	9.0	21.0
11 7	4 20.83	+ 3 13.7	2.740	3.657	6.8	20.9
11 17	4 13.42	+ 2 53.6	2.718	3.666	5.1	20.8
11 27	4 5.54	+ 2 43.6	2.725	3.675	4.9	20.8
12 7	3 57.85	+ 2 45.3	2.762	3.683	6.3	20.9
12 17	3 50.99	+ 2 59.0	2.828	3.691	8.4	21.1
12 27	3 45.47	+ 3 24.4	2.919	3.699	10.5	21.2

103805 2000 DV_{17} 11 25.8 345°.76 1°.2/26.3 18

10 18	4 35.00	+25 8.3	1.799	2.591	16.1	20.4
10 28	4 30.96	+25 6.3	1.715	2.590	12.8	20.2
11 7	4 24.16	+24 55.8	1.651	2.589	8.9	20.0
11 17	4 15.24	+24 35.8	1.613	2.588	4.5	19.7
11 27	4 5.27	+24 7.5	1.602	2.588	1.3	19.5
12 7	3 55.54	+23 33.7	1.619	2.587	5.2	19.7
12 17	3 47.27	+22 59.0	1.664	2.586	9.5	20.0
12 27	3 41.39	+22 28.3	1.734	2.586	13.3	20.2

369213 2008 UL_{22} 11 25.8 163°.35 2°.7/24.1 17

10 18	4 30.44	+14 42.4	2.461	3.253	12.3	21.4
10 28	4 26.40	+13 55.8	2.376	3.254	9.6	21.2
11 7	4 20.54	+13 7.0	2.315	3.254	6.6	21.0
11 17	4 13.35	+12 18.6	2.282	3.254	3.7	20.8
11 27	4 5.55	+11 34.0	2.278	3.255	2.9	20.8
12 7	3 57.94	+10 56.4	2.304	3.255	5.4	20.9
12 17	3 51.28	+10 28.3	2.358	3.255	8.4	21.1
12 27	3 46.18	+10 11.6	2.438	3.255	11.1	21.3

385430 2003 EP_{62} 11 25.8 240°.05 0°.9/25.4 18

10 18	4 36.61	+20 4.2	1.875	2.668	15.5	22.0
10 28	4 32.13	+19 45.7	1.779	2.657	12.3	21.8
11 7	4 24.95	+19 21.5	1.705	2.646	8.4	21.6
11 17	4 15.64	+18 52.4	1.656	2.634	4.0	21.3
11 27	4 5.21	+18 20.5	1.636	2.622	1.2	21.0
12 7	3 54.89	+17 49.3	1.645	2.609	5.6	21.3
12 17	3 45.88	+17 22.6	1.681	2.596	10.0	21.5
12 27	3 39.15	+17 4.1	1.743	2.582	13.8	21.8

135913 2002 TD_{136} 11 25.8 14°.68 1°.3/26.4 18

10 18	4 32.77	+27 36.2	1.535	2.338	17.9	19.1
10 28	4 29.57	+27 0.7	1.460	2.341	14.3	18.9
11 7	4 23.34	+26 10.5	1.405	2.345	9.9	18.6
11 17	4 14.84	+25 6.0	1.373	2.349	5.1	18.4
11 27	4 5.35	+23 50.9	1.369	2.355	1.3	18.1
12 7	3 56.30	+22 31.3	1.391	2.360	5.6	18.4
12 17	3 48.98	+21 15.1	1.441	2.367	10.3	18.7
12 27	3 44.31	+20 9.0	1.514	2.374	14.4	19.0

157578 2005 UL_{254} 11 25.8 302°.47 1°.7/25.2 18

10 18	4 34.58	+18 8.0	1.495	2.309	17.8	20.2
10 28	4 31.26	+17 55.6	1.404	2.294	14.1	19.9
11 7	4 24.78	+17 39.2	1.334	2.279	9.7	19.7
11 17	4 15.71	+17 20.1	1.286	2.265	4.8	19.3
11 27	4 5.20	+17 0.6	1.265	2.250	1.9	19.1
12 7	3 54.75	+16 44.4	1.271	2.236	6.7	19.4
12 17	3 45.83	+16 35.0	1.302	2.223	11.8	19.6
12 27	3 39.63	+16 35.8	1.356	2.209	16.3	19.9

442245 2011 OA_{4} 11 25.8 108°.86 2°.2/24.8 18

10 18	4 37.84	+15 49.6	2.024	2.812	14.7	21.9
10 28	4 32.40	+15 26.3	1.958	2.833	11.5	21.7
11 7	4 24.66	+15 1.3	1.915	2.854	7.8	21.5
11 17	4 15.31	+14 36.5	1.898	2.874	4.0	21.4
11 27	4 5.30	+14 14.4	1.911	2.893	2.4	21.3
12 7	3 55.71	+13 57.6	1.954	2.912	5.5	21.5
12 17	3 47.46	+13 48.3	2.025	2.930	9.1	21.8
12 27	3 41.29	+13 48.1	2.121	2.947	12.2	22.0

157065 2003 SK_{232} 11 25.8 72°.74 1°.3/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 35.61	+24 24.4	2.229	3.007	13.8	19.5
10 28	4 30.72	+24 42.8	2.156	3.023	10.9	19.4
11 7	4 23.60	+24 55.4	2.106	3.040	7.5	19.2
11 17	4 14.85	+25 1.2	2.083	3.057	3.9	19.0
11 27	4 5.36	+25 0.3	2.088	3.073	1.3	18.8
12 7	3 56.17	+24 54.0	2.124	3.090	4.3	19.1
12 17	3 48.20	+24 45.0	2.188	3.106	7.8	19.3
12 27	3 42.20	+24 36.2	2.279	3.123	10.9	19.5

206092 2002 RZ_{142} 11 25.8 159°.51 0°.3/25.6 18

10 18	4 36.19	+21 48.5	2.421	3.196	12.9	21.4
10 28	4 30.95	+21 27.7	2.335	3.203	10.1	21.2
11 7	4 23.65	+21 1.1	2.274	3.210	6.9	21.0
11 17	4 14.85	+20 29.5	2.239	3.216	3.3	20.8
11 27	4 5.37	+19 54.7	2.235	3.221	0.6	20.6
12 7	3 56.15	+19 19.3	2.262	3.226	4.3	20.9
12 17	3 48.03	+18 46.6	2.318	3.230	7.8	21.1
12 27	3 41.72	+18 19.6	2.402	3.234	10.8	21.3

186686 2004 AZ_5 11 25.8 277°.81 1°.0/25.5 18

10 18	4 37.25	+18 38.1	1.526	2.333	17.8	20.5
10 28	4 33.36	+18 39.0	1.434	2.320	14.2	20.2
11 7	4 26.23	+18 36.9	1.362	2.306	9.8	19.9
11 17	4 16.43	+18 32.0	1.314	2.292	4.7	19.6
11 27	4 5.12	+18 25.6	1.292	2.278	1.4	19.3
12 7	3 53.84	+18 20.1	1.298	2.264	6.4	19.6
12 17	3 44.10	+18 18.7	1.330	2.250	11.6	19.9
12 27	3 37.14	+18 24.6	1.385	2.236	16.1	20.1

120858 1998 QT_{44} 11 25.8 68°.86 0°.1/25.8 18

10 18	4 41.58	+22 58.5	1.168	1.984	21.6	19.9
10 28	4 36.94	+22 42.8	1.117	2.007	17.0	19.7
11 7	4 28.49	+22 17.2	1.084	2.029	11.5	19.4
11 17	4 17.28	+21 42.1	1.074	2.052	5.5	19.2
11 27	4 5.05	+21 0.6	1.088	2.075	0.8	18.9
12 7	3 53.70	+20 18.5	1.129	2.097	6.7	19.4
12 17	3 44.78	+19 41.9	1.195	2.120	12.1	19.7
12 27	3 39.28	+19 16.3	1.282	2.142	16.5	20.1

11818 Ulamec 11 25.8 54°.28 0°.3/25.9 18

10 18	4 33.45	+22 45.3	2.035	2.825	14.5	18.5
10 28	4 29.26	+22 36.6	1.957	2.833	11.4	18.3
11 7	4 22.73	+22 21.6	1.902	2.841	7.8	18.1
11 17	4 14.47	+22 0.5	1.873	2.850	3.8	17.9
11 27	4 5.43	+21 34.9	1.872	2.858	0.5	17.6
12 7	3 56.69	+21 7.6	1.900	2.867	4.6	18.0
12 17	3 49.21	+20 41.8	1.956	2.876	8.5	18.2
12 27	3 43.77	+20 21.0	2.038	2.884	11.9	18.5

8870 von Zeipel 11 25.8 43°.87 0°.5/25.9 18

10 18	4 34.15	+22 44.2	1.851	2.647	15.6	17.5
10 28	4 30.03	+22 44.7	1.779	2.657	12.3	17.3
11 7	4 23.36	+22 39.1	1.728	2.668	8.4	17.1
11 17	4 14.80	+22 27.1	1.702	2.679	4.1	16.9
11 27	4 5.39	+22 10.0	1.705	2.691	0.7	16.6
12 7	3 56.31	+21 50.3	1.735	2.703	4.9	17.0
12 17	3 48.64	+21 31.3	1.794	2.715	9.0	17.2
12 27	3 43.21	+21 16.6	1.877	2.727	12.5	17.5

166033 2002 BZ_{16} 11 25.8 351°.29 2°.6/24.9 18

10 18	4 32.60	+18 22.6	1.109	1.948	21.0	18.9
10 28	4 30.45	+17 48.8	1.039	1.943	16.7	18.6
11 7	4 24.56	+17 8.0	0.988	1.939	11.4	18.3
11 17	4 15.66	+16 23.5	0.957	1.936	5.7	18.0
11 27	4 5.25	+15 40.2	0.950	1.934	2.9	17.8
12 7	3 55.20	+15 4.6	0.967	1.933	8.1	18.1
12 17	3 47.22	+14 42.0	1.007	1.932	13.7	18.4
12 27	3 42.55	+14 36.2	1.067	1.933	18.6	18.7

436792 2012 PM_{37} 11 25.8 63°.53 1°.1/25.4 18

10 18	4 38.73	+19 15.8	1.433	2.242	18.7	21.0
10 28	4 34.05	+19 7.1	1.377	2.264	14.6	20.8
11 7	4 26.24	+18 53.9	1.341	2.285	9.9	20.6
11 17	4 16.17	+18 37.2	1.329	2.307	4.7	20.3
11 27	4 5.21	+18 19.3	1.344	2.329	1.4	20.2
12 7	3 54.87	+18 3.3	1.386	2.351	6.2	20.5
12 17	3 46.44	+17 52.8	1.454	2.373	10.8	20.9
12 27	3 40.82	+17 50.6	1.545	2.395	14.8	21.2

189107 2001 SW_{280} 11 25.8 65°.78 3°.2/26.8 18

10 18	4 40.43	+27 32.8	1.473	2.266	19.0	19.5
10 28	4 35.75	+28 5.5	1.410	2.283	15.2	19.3
11 7	4 27.64	+28 27.9	1.366	2.299	10.8	19.1
11 17	4 16.95	+28 36.9	1.345	2.316	6.1	18.8
11 27	4 5.09	+28 31.2	1.351	2.333	3.2	18.7
12 7	3 53.77	+28 13.2	1.384	2.350	6.2	18.9
12 17	3 44.46	+27 47.9	1.443	2.367	10.6	19.2
12 27	3 38.21	+27 21.8	1.526	2.384	14.5	19.5

286632 2002 EL_{34} 11 25.8 220°.59 2°.3/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 32.84	+15 3.5	2.203	2.996	13.5	20.7
10 28	4 28.58	+14 42.8	2.117	2.995	10.6	20.5
11 7	4 22.19	+14 20.8	2.054	2.993	7.3	20.3
11 17	4 14.22	+13 59.5	2.017	2.992	3.9	20.1
11 27	4 5.48	+13 41.2	2.010	2.991	2.5	20.0
12 7	3 56.91	+13 28.4	2.031	2.989	5.4	20.2
12 17	3 49.41	+13 23.0	2.082	2.987	8.8	20.4
12 27	3 43.71	+13 26.5	2.157	2.986	12.0	20.6

60553 2000 ED_{91} 11 25.8 104°.71 1°.6/25.1 18

10 18	4 37.63	+19 38.9	1.663	2.463	16.9	18.8
10 28	4 32.85	+18 59.4	1.594	2.476	13.2	18.6
11 7	4 25.29	+18 13.6	1.547	2.490	9.0	18.3
11 17	4 15.71	+17 23.6	1.525	2.503	4.3	18.1
11 27	4 5.29	+16 33.3	1.531	2.515	1.9	18.0
12 7	3 55.34	+15 47.5	1.565	2.528	6.0	18.3
12 17	3 47.02	+15 10.6	1.627	2.540	10.4	18.5
12 27	3 41.19	+14 46.0	1.712	2.551	14.1	18.8

253231 2002 YE_{21} 11 25.8 20°.27 1°.9/26.7 18

10 18	4 33.23	+28 18.7	1.563	2.363	17.8	19.5
10 28	4 29.91	+27 57.2	1.489	2.368	14.2	19.2
11 7	4 23.58	+27 21.7	1.436	2.373	10.0	19.0
11 17	4 14.98	+26 31.9	1.406	2.380	5.3	18.8
11 27	4 5.38	+25 30.2	1.402	2.387	1.9	18.6
12 7	3 56.24	+24 22.1	1.426	2.395	5.6	18.8
12 17	3 48.81	+23 14.4	1.476	2.403	10.1	19.1
12 27	3 44.02	+22 14.1	1.551	2.412	14.1	19.4

256583 2007 TE_{262} 11 25.8 67°.93 1°.2/25.3 18

10 18	4 39.95	+20 50.7	1.220	2.038	20.8	20.4
10 28	4 35.46	+20 18.3	1.168	2.059	16.3	20.2
11 7	4 27.40	+19 37.8	1.134	2.080	11.0	19.9
11 17	4 16.77	+18 51.3	1.123	2.101	5.2	19.7
11 27	4 5.17	+18 3.2	1.137	2.123	1.6	19.5
12 7	3 54.37	+17 19.3	1.178	2.144	6.9	19.9
12 17	3 45.84	+16 45.1	1.244	2.166	12.1	20.3
12 27	3 40.49	+16 24.6	1.332	2.187	16.4	20.6

518342 2017 CH_{18} 11 25.8 121°.34 4°.5/23.7 18

10 18	4 33.19	+ 7 28.7	2.368	3.154	12.9	21.4
10 28	4 28.52	+ 6 57.1	2.295	3.164	10.3	21.3
11 7	4 21.96	+ 6 29.2	2.246	3.173	7.5	21.1
11 17	4 14.05	+ 6 8.1	2.223	3.182	5.1	21.0
11 27	4 5.54	+ 5 56.4	2.229	3.191	4.7	21.0
12 7	3 57.27	+ 5 56.2	2.264	3.200	6.5	21.1
12 17	3 50.01	+ 6 8.2	2.327	3.208	9.2	21.3
12 27	3 44.40	+ 6 32.1	2.415	3.216	11.7	21.5

105130 2000 MJ_2 11 25.8 248°.78 7°.3/21.1 18

10 18	4 29.79	− 1 55.6	2.641	3.412	12.1	19.8
10 28	4 25.79	− 3 2.3	2.559	3.402	10.2	19.7
11 7	4 20.11	− 4 1.9	2.500	3.393	8.5	19.5
11 17	4 13.19	− 4 49.6	2.467	3.384	7.4	19.4
11 27	4 5.66	− 5 21.2	2.462	3.374	7.5	19.4
12 7	3 58.24	− 5 34.0	2.484	3.364	8.8	19.5
12 17	3 51.63	− 5 27.3	2.531	3.354	10.6	19.6
12 27	3 46.42	− 5 2.1	2.601	3.344	12.6	19.7

103211 1999 XA_{258} 11 25.8 0°.53 3°.2/24.7 18

10 18	4 34.21	+13 42.1	1.655	2.464	16.5	19.3
10 28	4 30.37	+13 25.0	1.578	2.464	13.1	19.1
11 7	4 23.79	+13 8.3	1.521	2.463	9.1	18.9
11 17	4 15.10	+12 54.3	1.489	2.463	5.0	18.6
11 27	4 5.38	+12 45.9	1.483	2.463	3.4	18.5
12 7	3 55.91	+12 45.8	1.506	2.464	6.8	18.8
12 17	3 47.86	+12 55.8	1.554	2.465	10.9	19.0
12 27	3 42.18	+13 16.7	1.626	2.466	14.7	19.2

135671 2002 NS_{25} 11 25.8 29°.90 8°.7/23.8 18

10 18	4 33.20	+ 4 21.5	1.157	1.989	20.9	17.9
10 28	4 29.92	+ 3 22.0	1.123	2.014	16.8	17.8
11 7	4 23.47	+ 2 34.4	1.106	2.040	12.7	17.6
11 17	4 14.83	+ 2 5.8	1.111	2.068	9.5	17.5
11 27	4 5.45	+ 2 1.6	1.139	2.097	8.9	17.6
12 7	3 56.85	+ 2 23.1	1.191	2.127	11.1	17.8
12 17	3 50.24	+ 3 7.9	1.266	2.158	14.5	18.1
12 27	3 46.41	+ 4 11.7	1.361	2.189	17.6	18.4

146301 2001 KN 11 25.8 60°.44 0°.8/25.5 18

10 18	4 40.33	+20 56.2	1.306	2.117	20.0	19.6
10 28	4 35.41	+20 34.3	1.259	2.146	15.6	19.4
11 7	4 27.16	+20 5.5	1.231	2.176	10.5	19.2
11 17	4 16.58	+19 31.0	1.226	2.205	4.9	19.0
11 27	4 5.21	+18 54.4	1.248	2.234	1.2	18.8
12 7	3 54.69	+18 20.3	1.297	2.264	6.4	19.2
12 17	3 46.33	+17 53.4	1.372	2.293	11.2	19.6
12 27	3 40.99	+17 37.4	1.469	2.322	15.2	19.9

259508 2003 SF_{324} 11 25.8 141°.22 0°.3/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 32.97	+21 30.5	2.619	3.397	12.0	21.3
10 28	4 28.31	+21 11.2	2.535	3.405	9.4	21.1
11 7	4 21.81	+20 47.0	2.475	3.412	6.4	20.9
11 17	4 13.98	+20 18.6	2.442	3.419	3.0	20.7
11 27	4 5.56	+19 47.6	2.440	3.426	0.6	20.5
12 7	3 57.37	+19 16.5	2.468	3.432	3.9	20.8
12 17	3 50.15	+18 48.0	2.526	3.439	7.2	21.0
12 27	3 44.52	+18 24.6	2.611	3.444	10.0	21.2

67966 2000 WZ_{183} 11 25.8 98°.75 3°.7/27.2 18

10 18	4 43.43	+30 16.5	1.515	2.294	19.2	20.0
10 28	4 38.01	+30 32.7	1.451	2.314	15.4	19.8
11 7	4 29.10	+30 35.0	1.406	2.333	11.1	19.6
11 17	4 17.62	+30 20.5	1.384	2.351	6.5	19.4
11 27	4 5.06	+29 48.8	1.390	2.370	3.7	19.2
12 7	3 53.15	+29 3.5	1.423	2.387	6.3	19.4
12 17	3 43.37	+28 11.5	1.483	2.404	10.5	19.7
12 27	3 36.72	+27 20.7	1.567	2.421	14.4	20.0

455060 2015 UF_{26} 11 25.8 164°.36 2°.1/26.5 18

10 18	4 38.96	+25 54.7	2.294	3.060	13.8	21.0
10 28	4 33.52	+26 26.8	2.206	3.064	11.0	20.8
11 7	4 25.66	+26 53.3	2.140	3.068	7.8	20.6
11 17	4 15.95	+27 11.9	2.101	3.071	4.3	20.4
11 27	4 5.29	+27 21.7	2.091	3.074	2.1	20.3
12 7	3 54.77	+27 23.4	2.112	3.076	4.6	20.5
12 17	3 45.44	+27 19.1	2.163	3.078	8.0	20.7
12 27	3 38.14	+27 12.4	2.240	3.079	11.2	20.9

58667 1997 YS_{2} 11 25.8 25°.57 1°.2/25.5 18

10 18	4 36.45	+17 28.3	1.367	2.184	19.0	19.0
10 28	4 32.74	+17 41.4	1.298	2.190	15.0	18.8
11 7	4 25.71	+17 53.3	1.249	2.196	10.2	18.5
11 17	4 16.11	+18 4.3	1.224	2.202	4.9	18.3
11 27	4 5.27	+18 15.2	1.224	2.210	1.5	18.1
12 7	3 54.79	+18 27.6	1.250	2.217	6.5	18.4
12 17	3 46.14	+18 43.3	1.303	2.226	11.5	18.7
12 27	3 40.40	+19 4.7	1.377	2.235	15.8	19.0

443035 2013 EJ_{59} 11 25.8 84°.91 2°.6/24.6 18

10 18	4 33.74	+15 23.3	1.954	2.753	14.7	21.4
10 28	4 29.46	+14 51.3	1.879	2.760	11.6	21.2
11 7	4 22.87	+14 17.4	1.826	2.767	7.9	21.0
11 17	4 14.57	+13 44.0	1.799	2.774	4.2	20.8
11 27	4 5.50	+13 14.2	1.800	2.781	2.8	20.7
12 7	3 56.72	+12 51.3	1.831	2.788	5.9	20.9
12 17	3 49.20	+12 37.8	1.888	2.795	9.6	21.1
12 27	3 43.71	+12 35.3	1.971	2.801	12.9	21.4

51427 2001 FE_{4} 11 25.8 229°.29 3°.0/24.6 18

10 18	4 35.84	+12 49.3	2.214	3.001	13.6	20.1
10 28	4 31.01	+12 32.0	2.118	2.991	10.8	19.9
11 7	4 23.93	+12 15.2	2.044	2.980	7.6	19.7
11 17	4 15.13	+12 0.8	1.997	2.969	4.3	19.4
11 27	4 5.41	+11 51.1	1.979	2.957	3.1	19.3
12 7	3 55.77	+11 48.3	1.991	2.944	5.9	19.5
12 17	3 47.16	+11 54.0	2.032	2.932	9.4	19.7
12 27	3 40.41	+12 9.3	2.098	2.918	12.6	19.9

117354 2004 XQ_{75} 11 25.8 53°.58 3°.3/24.6 18

10 18	4 33.58	+10 49.1	2.182	2.974	13.6	19.1
10 28	4 29.09	+10 42.3	2.105	2.980	10.8	19.0
11 7	4 22.51	+10 38.2	2.050	2.986	7.6	18.8
11 17	4 14.38	+10 38.8	2.022	2.992	4.5	18.6
11 27	4 5.53	+10 45.8	2.023	2.999	3.4	18.5
12 7	3 56.89	+11 0.7	2.053	3.005	5.8	18.7
12 17	3 49.34	+11 24.0	2.112	3.012	9.0	18.9
12 27	3 43.60	+11 55.7	2.195	3.019	12.0	19.1

370871 2005 EZ_{80} 11 25.8 270°.73 9°.2/30.7 18

10 18	4 42.58	+50 10.7	2.606	3.264	14.7	21.1
10 28	4 37.37	+51 19.7	2.505	3.251	13.2	20.9
11 7	4 28.91	+52 13.1	2.423	3.237	11.6	20.8
11 17	4 17.74	+52 44.6	2.363	3.223	10.1	20.7
11 27	4 5.02	+52 49.3	2.327	3.209	9.3	20.6
12 7	3 52.28	+52 26.1	2.317	3.195	9.5	20.6
12 17	3 41.06	+51 37.9	2.333	3.180	10.5	20.6
12 27	3 32.59	+50 31.4	2.373	3.166	12.2	20.7

448791 2011 SW_{182} 11 25.8 66°.37 3°.0/26.9 18

10 18	4 37.19	+28 27.9	1.827	2.608	16.3	21.2
10 28	4 32.76	+28 51.4	1.747	2.612	13.1	21.0
11 7	4 25.44	+29 5.2	1.688	2.617	9.4	20.7
11 17	4 15.92	+29 7.1	1.653	2.622	5.5	20.5
11 27	4 5.31	+28 56.1	1.646	2.627	3.0	20.4
12 7	3 54.97	+28 34.3	1.668	2.632	5.5	20.6
12 17	3 46.17	+28 5.6	1.716	2.637	9.4	20.8
12 27	3 39.87	+27 35.7	1.790	2.642	12.9	21.0

388524 2007 GF_{47} 11 25.8 226°.46 2°.0/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 36.63	+16 57.9	1.920	2.714	15.2	22.1
10 28	4 32.01	+16 34.6	1.828	2.706	12.0	21.9
11 7	4 24.81	+16 8.1	1.757	2.697	8.2	21.7
11 17	4 15.60	+15 40.0	1.712	2.688	4.2	21.4
11 27	4 5.36	+15 12.8	1.695	2.678	2.2	21.2
12 7	3 55.24	+14 49.9	1.708	2.668	5.9	21.5
12 17	3 46.38	+14 34.3	1.749	2.658	10.0	21.7
12 27	3 39.70	+14 28.6	1.814	2.647	13.7	21.9

172683 2003 YX_{148} 11 25.8 306°.60 0°.2/25.7 18

10 18	4 38.37	+17 54.1	1.746	2.542	16.4	20.0
10 28	4 33.87	+18 33.1	1.652	2.531	13.0	19.8
11 7	4 26.41	+19 13.4	1.580	2.520	9.0	19.5
11 17	4 16.52	+19 53.6	1.533	2.510	4.3	19.2
11 27	4 5.23	+20 32.5	1.514	2.500	0.7	18.9
12 7	3 53.91	+21 9.7	1.524	2.490	5.6	19.2
12 17	3 43.93	+21 45.5	1.561	2.481	10.2	19.5
12 27	3 36.43	+22 21.6	1.624	2.471	14.3	19.7

119473 2001 UO_{18} 11 25.8 349°.49 0°.1/26.1 14 C

10 18	4 10.92	+22 50.4	27.905	28.673	1.3	22.5
10 28	4 9.97	+22 48.6	27.806	28.670	1.0	22.5
11 7	4 8.89	+22 46.4	27.733	28.667	0.7	22.4
11 17	4 7.72	+22 43.7	27.689	28.665	0.3	22.4
11 27	4 6.50	+22 40.8	27.676	28.662	0.1	22.3
12 7	4 5.30	+22 37.7	27.693	28.659	0.4	22.4
12 17	4 4.14	+22 34.7	27.741	28.656	0.7	22.4
12 27	4 3.10	+22 31.8	27.817	28.654	1.0	22.5

179608 2002 OP_{10} 11 25.8 42°.45 8°.5/24.2 18

10 18	4 37.56	+ 5 7.7	1.063	1.894	22.3	19.3
10 28	4 33.58	+ 4 16.4	1.028	1.919	18.0	19.1
11 7	4 26.08	+ 3 37.0	1.010	1.946	13.4	18.9
11 17	4 16.13	+ 3 16.4	1.013	1.973	9.6	18.8
11 27	4 5.36	+ 3 19.9	1.039	2.001	8.7	18.9
12 7	3 55.49	+ 3 48.4	1.088	2.030	11.2	19.1
12 17	3 47.90	+ 4 39.4	1.161	2.059	15.0	19.4
12 27	3 43.44	+ 5 48.1	1.253	2.088	18.5	19.7

37942 1998 HY_{8} 11 25.8 113°.98 1°.7/25.1 18

10 18	4 37.39	+17 6.1	1.927	2.719	15.2	19.3
10 28	4 32.33	+16 52.2	1.856	2.733	11.9	19.1
11 7	4 24.82	+16 36.0	1.806	2.746	8.1	18.9
11 17	4 15.52	+16 18.7	1.782	2.759	4.0	18.7
11 27	4 5.42	+16 2.5	1.787	2.771	1.9	18.6
12 7	3 55.68	+15 49.8	1.822	2.783	5.4	18.9
12 17	3 47.32	+15 43.0	1.884	2.795	9.3	19.1
12 27	3 41.12	+15 44.1	1.972	2.806	12.7	19.4

354457 2004 BH_{36} 11 25.8 22°.54 4°.0/24.4 18

10 18	4 34.14	+11 32.0	1.706	2.513	16.2	20.4
10 28	4 30.17	+11 8.4	1.631	2.515	12.9	20.2
11 7	4 23.58	+10 46.7	1.578	2.518	9.1	20.0
11 17	4 15.02	+10 30.0	1.549	2.520	5.4	19.8
11 27	4 5.51	+10 21.5	1.548	2.524	4.2	19.7
12 7	3 56.27	+10 23.8	1.574	2.527	7.1	19.9
12 17	3 48.41	+10 38.2	1.626	2.531	11.0	20.2
12 27	3 42.82	+11 4.9	1.702	2.535	14.5	20.4

351135 2003 WX_{131} 11 25.8 30°.70 0°.2/25.9 18

10 18	4 33.85	+23 13.5	1.364	2.181	19.0	20.4
10 28	4 30.61	+22 57.3	1.303	2.193	15.0	20.2
11 7	4 24.16	+22 31.7	1.261	2.207	10.2	20.0
11 17	4 15.32	+21 57.6	1.243	2.221	4.9	19.7
11 27	4 5.47	+21 17.7	1.250	2.236	0.7	19.5
12 7	3 56.18	+20 36.9	1.283	2.252	6.0	19.9
12 17	3 48.76	+20 0.6	1.342	2.269	10.9	20.2
12 27	3 44.17	+19 33.5	1.424	2.286	15.1	20.5

417849 2007 HG_{57} 11 25.8 120°.98 3°.1/23.9 18

10 18	4 31.52	+13 19.3	2.502	3.291	12.2	21.9
10 28	4 27.17	+12 30.4	2.425	3.300	9.6	21.7
11 7	4 21.04	+11 40.4	2.372	3.309	6.7	21.6
11 17	4 13.65	+10 52.2	2.347	3.317	3.9	21.4
11 27	4 5.71	+10 9.1	2.351	3.325	3.3	21.4
12 7	3 58.00	+ 9 34.0	2.385	3.333	5.5	21.5
12 17	3 51.26	+ 9 9.4	2.448	3.341	8.3	21.7
12 27	3 46.07	+ 8 56.4	2.537	3.348	10.9	21.9

340973 2007 EF_{137} 11 25.8 320°.86 4°.0/24.2 18

10 18	4 33.20	+15 12.2	1.398	2.221	18.3	20.9
10 28	4 30.18	+14 20.6	1.318	2.212	14.6	20.6
11 7	4 24.01	+13 24.7	1.258	2.204	10.2	20.4
11 17	4 15.37	+12 28.6	1.221	2.196	5.7	20.1
11 27	4 5.45	+11 38.2	1.210	2.189	4.3	20.0
12 7	3 55.76	+10 59.5	1.224	2.181	8.2	20.2
12 17	3 47.70	+10 37.0	1.263	2.175	12.9	20.5
12 27	3 42.37	+10 32.9	1.324	2.169	17.1	20.7

116144 2003 WM_{153} 11 25.8 316.°27 9.°3/20.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 29.12	− 2 35.4	2.044	2.830	14.6	19.2
10 28	4 25.92	− 3 55.6	1.957	2.809	12.5	19.0
11 7	4 20.59	− 5 7.4	1.893	2.788	10.6	18.9
11 17	4 13.59	− 6 4.2	1.852	2.768	9.4	18.8
11 27	4 5.70	− 6 39.4	1.836	2.748	9.6	18.7
12 7	3 57.88	− 6 49.2	1.846	2.728	11.2	18.8
12 17	3 51.04	− 6 32.6	1.880	2.709	13.5	18.9
12 27	3 45.98	− 5 51.3	1.934	2.691	15.8	19.0

296842 2009 WT_{83} 11 25.8 241.°66 1.°7/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 33.32	+28 12.8	2.580	3.345	12.5	21.1
10 28	4 28.89	+28 3.7	2.478	3.337	10.0	20.9
11 7	4 22.41	+27 45.7	2.400	3.328	7.1	20.7
11 17	4 14.39	+27 18.2	2.348	3.318	3.9	20.5
11 27	4 5.61	+26 42.0	2.326	3.309	1.7	20.3
12 7	3 56.95	+25 59.3	2.334	3.299	4.0	20.5
12 17	3 49.30	+25 13.8	2.371	3.289	7.3	20.7
12 27	3 43.36	+24 29.5	2.436	3.279	10.3	20.9

441266 2007 VE_{323} 11 25.8 351.°93 7.°6/28.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 13.70	+33 3.5	0.861	1.723	23.7	19.0
10 28	4 17.00	+33 55.3	0.790	1.700	19.9	18.6
11 7	4 16.33	+34 25.4	0.734	1.680	15.4	18.3
11 17	4 12.13	+34 27.1	0.695	1.663	10.7	18.0
11 27	4 5.89	+33 56.5	0.674	1.650	7.7	17.8
12 7	3 59.81	+32 56.9	0.672	1.642	9.5	17.8
12 17	3 56.03	+31 38.1	0.689	1.637	14.3	18.1
12 27	3 56.14	+30 14.0	0.724	1.637	19.3	18.3

449823 2014 PK_{14} 11 25.8 86.°02 0.°0/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 33.78	+22 11.0	2.116	2.905	14.1	21.5
10 28	4 29.49	+21 59.8	2.034	2.908	11.1	21.4
11 7	4 22.92	+21 42.7	1.973	2.912	7.6	21.1
11 17	4 14.65	+21 20.0	1.939	2.916	3.6	20.9
11 27	4 5.58	+20 53.4	1.933	2.919	0.5	20.7
12 7	3 56.75	+20 25.5	1.957	2.923	4.6	21.0
12 17	3 49.11	+19 59.7	2.009	2.927	8.4	21.2
12 27	3 43.45	+19 39.1	2.087	2.931	11.7	21.4

408561 2013 KC_{14} 11 25.8 64.°86 2.°2/25.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 34.66	+14 19.9	2.077	2.870	14.2	20.6
10 28	4 30.04	+14 18.2	2.004	2.882	11.1	20.4
11 7	4 23.21	+14 17.0	1.955	2.894	7.6	20.2
11 17	4 14.76	+14 17.6	1.931	2.906	4.0	20.0
11 27	4 5.57	+14 21.5	1.936	2.918	2.3	19.9
12 7	3 56.66	+14 29.9	1.971	2.931	5.3	20.1
12 17	3 48.94	+14 44.2	2.034	2.943	8.8	20.4
12 27	3 43.16	+15 5.2	2.123	2.955	12.0	20.6

331251 2011 CB_{2} 11 25.8 232.°63 5.°7/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 31.28	+ 2 42.2	2.608	3.386	12.0	20.5
10 28	4 26.99	+ 2 0.6	2.522	3.379	9.9	20.3
11 7	4 20.97	+ 1 24.5	2.459	3.372	7.7	20.1
11 17	4 13.66	+ 0 57.5	2.423	3.365	6.0	20.0
11 27	4 5.72	+ 0 43.0	2.415	3.357	5.9	20.0
12 7	3 57.90	+ 0 43.1	2.435	3.349	7.4	20.1
12 17	3 50.90	+ 0 58.3	2.483	3.341	9.6	20.2
12 27	3 45.36	+ 1 28.1	2.556	3.333	11.8	20.4

451268 2010 OW_{102} 11 25.8 351.°91 1.°8/26.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 33.28	+28 25.6	1.859	2.645	15.8	20.8
10 28	4 29.59	+28 3.8	1.772	2.643	12.7	20.6
11 7	4 23.24	+27 29.3	1.707	2.641	8.9	20.4
11 17	4 14.87	+26 41.9	1.667	2.640	4.8	20.1
11 27	4 5.56	+25 43.2	1.654	2.638	1.8	19.9
12 7	3 56.54	+24 37.9	1.670	2.637	5.0	20.1
12 17	3 48.96	+23 31.7	1.713	2.637	9.2	20.4
12 27	3 43.69	+22 30.9	1.782	2.637	12.9	20.6

60489 2000 DP_{74} 11 25.8 96.°81 2.°9/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 33.86	+15 19.4	1.900	2.700	15.0	19.6
10 28	4 29.68	+14 40.4	1.822	2.704	11.8	19.4
11 7	4 23.10	+13 58.8	1.767	2.708	8.1	19.2
11 17	4 14.75	+13 17.7	1.738	2.712	4.4	19.0
11 27	4 5.58	+12 40.5	1.736	2.716	3.1	18.9
12 7	3 56.69	+12 11.1	1.763	2.720	6.2	19.1
12 17	3 49.09	+11 52.3	1.818	2.723	9.9	19.3
12 27	3 43.56	+11 45.8	1.897	2.727	13.3	19.5

255298 2005 VB_{119} 11 25.8 14.°81 2.°0/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 33.22	+28 51.0	1.814	2.601	16.2	19.5
10 28	4 29.57	+28 30.2	1.733	2.604	12.9	19.3
11 7	4 23.22	+27 56.3	1.673	2.606	9.1	19.1
11 17	4 14.86	+27 9.1	1.637	2.610	5.0	18.9
11 27	4 5.58	+26 10.4	1.629	2.613	2.0	18.7
12 7	3 56.66	+25 4.8	1.650	2.617	5.1	18.9
12 17	3 49.22	+23 58.3	1.698	2.622	9.2	19.2
12 27	3 44.14	+22 57.3	1.771	2.627	12.9	19.4

118259 1998 FT_{52} 11 25.8 254.°72 3.°1/27.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 36.63	+30 14.4	2.356	3.115	13.7	20.2
10 28	4 31.92	+30 36.7	2.249	3.100	11.1	20.0
11 7	4 24.77	+30 50.3	2.164	3.085	8.2	19.8
11 17	4 15.65	+30 52.9	2.106	3.069	5.0	19.6
11 27	4 5.46	+30 43.3	2.075	3.053	3.1	19.4
12 7	3 55.28	+30 22.6	2.075	3.036	5.0	19.5
12 17	3 46.18	+29 53.7	2.104	3.019	8.2	19.7
12 27	3 39.10	+29 21.3	2.159	3.002	11.4	19.9

352363 2007 VH_{210} 11 25.8 4.°10 0.°4/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 35.12	+20 31.2	1.694	2.496	16.5	21.6
10 28	4 31.18	+20 27.3	1.613	2.496	13.0	21.4
11 7	4 24.43	+20 18.3	1.554	2.496	8.9	21.1
11 17	4 15.50	+20 4.7	1.518	2.496	4.3	20.9
11 27	4 5.50	+19 47.9	1.511	2.497	0.8	20.6
12 7	3 55.74	+19 30.8	1.531	2.498	5.5	21.0
12 17	3 47.45	+19 16.7	1.578	2.498	10.0	21.2
12 27	3 41.59	+19 9.0	1.649	2.500	14.0	21.5

235419 2003 YJ_{31} 11 25.8 241.°62 2.°5/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 35.24	+11 5.9	2.621	3.399	12.0	20.3
10 28	4 30.18	+11 16.8	2.525	3.392	9.5	20.1
11 7	4 23.21	+11 30.6	2.452	3.385	6.6	19.9
11 17	4 14.79	+11 48.5	2.407	3.378	3.8	19.7
11 27	4 5.61	+12 11.2	2.393	3.371	2.6	19.6
12 7	3 56.49	+12 39.4	2.409	3.364	4.9	19.8
12 17	3 48.22	+13 13.2	2.456	3.356	8.0	19.9
12 27	3 41.49	+13 52.6	2.530	3.348	10.7	20.1

142572 2002 TG_{81} 11 25.8 53.°14 3.°0/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 34.88	+13 46.1	1.782	2.585	15.8	19.7
10 28	4 30.65	+13 29.5	1.708	2.590	12.5	19.5
11 7	4 23.86	+13 13.2	1.655	2.596	8.6	19.3
11 17	4 15.16	+12 59.4	1.627	2.602	4.7	19.0
11 27	4 5.57	+12 50.8	1.627	2.608	3.2	19.0
12 7	3 56.26	+12 49.6	1.656	2.614	6.3	19.2
12 17	3 48.32	+12 57.6	1.711	2.620	10.2	19.4
12 27	3 42.59	+13 15.7	1.791	2.626	13.7	19.7

190214 2006 BQ_{90} 11 25.8 69.°26 5.°4/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 32.61	+ 6 1.7	2.202	2.992	13.6	20.0
10 28	4 28.11	+ 5 15.4	2.144	3.013	10.9	19.8
11 7	4 21.71	+ 4 34.2	2.110	3.034	8.1	19.7
11 17	4 13.99	+ 4 1.7	2.102	3.056	5.9	19.6
11 27	4 5.74	+ 3 41.3	2.121	3.077	5.5	19.6
12 7	3 57.85	+ 3 35.3	2.170	3.098	7.3	19.8
12 17	3 51.06	+ 3 44.1	2.245	3.119	9.8	20.0
12 27	3 45.99	+ 4 6.9	2.345	3.140	12.2	20.2

214517 2006 FO 11 25.8 278.°95 3.°6/23.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 31.25	+11 38.9	2.305	3.099	12.9	20.4
10 28	4 27.35	+11 0.8	2.210	3.086	10.3	20.2
11 7	4 21.43	+10 22.6	2.138	3.074	7.3	20.0
11 17	4 13.98	+ 9 47.2	2.092	3.061	4.5	19.8
11 27	4 5.74	+ 9 18.0	2.076	3.048	3.8	19.8
12 7	3 57.60	+ 8 57.9	2.088	3.035	6.2	19.9
12 17	3 50.38	+ 8 49.1	2.128	3.022	9.3	20.1
12 27	3 44.84	+ 8 52.6	2.193	3.009	12.3	20.2

304937 2007 SM_{11} 11 25.8 5.°28 16.°1/ 7.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 37.60	+57 28.9	1.307	2.005	25.4	19.1
10 28	4 36.70	+58 32.7	1.244	2.005	23.3	18.9
11 7	4 30.00	+59 0.7	1.192	2.006	21.0	18.7
11 17	4 18.59	+58 41.1	1.154	2.010	18.7	18.6
11 27	4 5.12	+57 25.5	1.133	2.015	16.9	18.5
12 7	3 52.89	+55 15.6	1.132	2.022	16.1	18.5
12 17	3 44.42	+52 23.4	1.153	2.031	16.7	18.5
12 27	3 40.95	+49 8.0	1.194	2.041	18.4	18.7

227624 2006 BX_{59} 11 25.8 133.°44 1.°3/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 34.13	+25 52.7	2.427	3.199	13.0	21.0
10 28	4 29.54	+25 53.9	2.340	3.204	10.3	20.8
11 7	4 22.86	+25 48.0	2.277	3.209	7.2	20.6
11 17	4 14.62	+25 34.5	2.240	3.213	3.8	20.4
11 27	4 5.66	+25 13.9	2.233	3.218	1.3	20.3
12 7	3 56.90	+24 48.4	2.256	3.222	4.1	20.5
12 17	3 49.23	+24 20.8	2.308	3.226	7.4	20.7
12 27	3 43.35	+23 54.8	2.387	3.230	10.5	20.9

329138 2011 DH_{25} 11 25.8 164.°25 2.°5/24.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 31.76	+13 20.0	2.720	3.504	11.4	21.8
10 28	4 27.29	+12 52.7	2.636	3.508	9.0	21.6
11 7	4 21.13	+12 25.2	2.575	3.511	6.2	21.5
11 17	4 13.74	+11 59.2	2.542	3.513	3.5	21.3
11 27	4 5.79	+11 37.1	2.539	3.516	2.7	21.2
12 7	3 58.00	+11 21.0	2.567	3.518	4.9	21.4
12 17	3 51.07	+11 12.6	2.623	3.520	7.7	21.6
12 27	3 45.57	+11 12.8	2.706	3.521	10.2	21.8

405786 2006 AN_{53} 11 25.8 9°.88 0°.7/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 32.62	+20 17.3	2.059	2.853	14.2	21.4
10 28	4 28.67	+20 1.4	1.975	2.854	11.2	21.1
11 7	4 22.43	+19 40.6	1.913	2.855	7.6	20.9
11 17	4 14.47	+19 15.8	1.878	2.855	3.6	20.7
11 27	4 5.69	+18 49.1	1.871	2.857	0.9	20.5
12 7	3 57.12	+18 23.2	1.892	2.858	4.9	20.8
12 17	3 49.73	+18 1.3	1.942	2.859	8.7	21.0
12 27	3 44.31	+17 46.2	2.018	2.861	12.1	21.2

403795 2011 SR_{235} 11 25.8 247°.70 3°.5/27.5 18

10 18	4 36.70	+31 56.8	1.978	2.745	15.7	20.4
10 28	4 32.33	+31 58.3	1.885	2.740	12.8	20.2
11 7	4 25.17	+31 46.6	1.812	2.734	9.4	20.0
11 17	4 15.87	+31 19.6	1.764	2.728	5.8	19.8
11 27	4 5.49	+30 37.1	1.744	2.722	3.5	19.6
12 7	3 55.34	+29 42.0	1.752	2.716	5.4	19.7
12 17	3 46.63	+28 39.7	1.789	2.709	9.1	19.9
12 27	3 40.31	+27 37.0	1.851	2.703	12.6	20.1

291627 2006 HF_{12} 11 25.8 192°.53 3°.9/23.2 18

10 18	4 30.41	+ 8 41.1	2.914	3.695	10.8	21.3
10 28	4 26.12	+ 7 50.6	2.827	3.694	8.6	21.2
11 7	4 20.29	+ 7 1.3	2.765	3.692	6.3	21.0
11 17	4 13.34	+ 6 16.2	2.731	3.689	4.4	20.9
11 27	4 5.86	+ 5 38.4	2.727	3.687	4.1	20.9
12 7	3 58.53	+ 5 10.4	2.752	3.684	5.8	21.0
12 17	3 51.96	+ 4 54.0	2.807	3.680	8.1	21.1
12 27	3 46.69	+ 4 49.7	2.887	3.677	10.3	21.3

492791 2014 QO_{237} 11 25.8 14°.67 4°.9/23.6 18

10 18	4 31.02	+ 9 19.2	1.938	2.742	14.7	20.8
10 28	4 27.38	+ 8 33.5	1.864	2.744	11.7	20.7
11 7	4 21.53	+ 7 50.0	1.812	2.747	8.5	20.5
11 17	4 14.03	+ 7 12.8	1.785	2.750	5.7	20.3
11 27	4 5.77	+ 6 46.0	1.786	2.753	5.1	20.3
12 7	3 57.76	+ 6 32.7	1.815	2.757	7.4	20.4
12 17	3 50.91	+ 6 34.5	1.870	2.761	10.6	20.6
12 27	3 45.98	+ 6 51.4	1.949	2.765	13.6	20.8

68436 2001 RC_{85} 11 25.8 317°.99 1°.1/25.3 18

10 18	4 32.32	+21 6.0	1.764	2.569	15.9	19.7
10 28	4 28.94	+20 29.3	1.674	2.559	12.5	19.5
11 7	4 22.90	+19 44.3	1.605	2.549	8.6	19.2
11 17	4 14.80	+18 52.9	1.561	2.540	4.1	19.0
11 27	4 5.66	+17 58.4	1.545	2.531	1.3	18.7
12 7	3 56.70	+17 5.7	1.557	2.522	5.7	19.0
12 17	3 49.09	+16 19.8	1.596	2.514	10.2	19.3
12 27	3 43.75	+15 45.0	1.658	2.506	14.1	19.5

138991 2001 DF_{16} 11 25.8 309°.10 0°.2/25.8 18

10 18	4 37.11	+20 18.4	1.347	2.162	19.3	19.1
10 28	4 33.79	+20 38.6	1.261	2.150	15.4	18.8
11 7	4 26.89	+20 55.6	1.194	2.139	10.7	18.5
11 17	4 16.98	+21 8.6	1.149	2.128	5.2	18.2
11 27	4 5.35	+21 17.1	1.130	2.117	0.7	17.8
12 7	3 53.74	+21 22.5	1.138	2.106	6.6	18.2
12 17	3 43.91	+21 27.8	1.170	2.096	12.2	18.5
12 27	3 37.20	+21 36.9	1.224	2.087	17.0	18.7

327168 2005 JG_{59} 11 25.8 117°.52 0°.9/25.5 17

10 18	4 41.07	+19 25.9	1.724	2.515	16.8	21.5
10 28	4 35.53	+19 17.7	1.656	2.532	13.2	21.3
11 7	4 27.17	+19 5.2	1.609	2.549	8.9	21.1
11 17	4 16.74	+18 49.1	1.587	2.565	4.3	20.8
11 27	4 5.43	+18 31.0	1.594	2.580	1.1	20.6
12 7	3 54.57	+18 13.7	1.630	2.595	5.6	21.0
12 17	3 45.35	+18 0.5	1.694	2.609	9.9	21.3
12 27	3 38.66	+17 54.5	1.783	2.623	13.6	21.5

159837 2003 UG_{157} 11 25.8 32°.96 2°.6/24.8 18

10 18	4 32.39	+14 30.4	1.933	2.735	14.7	19.7
10 28	4 28.48	+14 14.8	1.862	2.745	11.6	19.6
11 7	4 22.28	+13 58.9	1.813	2.755	7.9	19.4
11 17	4 14.40	+13 44.8	1.790	2.765	4.2	19.2
11 27	4 5.76	+13 34.8	1.795	2.776	2.7	19.1
12 7	3 57.42	+13 31.1	1.829	2.787	5.7	19.3
12 17	3 50.31	+13 35.4	1.889	2.799	9.4	19.5
12 27	3 45.20	+13 48.6	1.975	2.811	12.6	19.8

517148 2013 KF_{8} 11 25.8 115°.10 0°.2/25.9 18

10 18	4 34.49	+22 41.7	2.638	3.411	12.0	22.4
10 28	4 29.48	+22 33.0	2.562	3.428	9.4	22.2
11 7	4 22.63	+22 19.2	2.509	3.444	6.4	22.1
11 17	4 14.47	+22 0.6	2.484	3.460	3.1	21.9
11 27	4 5.76	+21 38.3	2.489	3.476	0.4	21.7
12 7	3 57.31	+21 14.3	2.525	3.491	3.8	22.0
12 17	3 49.87	+20 51.3	2.591	3.506	6.9	22.2
12 27	3 44.06	+20 31.8	2.684	3.520	9.7	22.4

195805 2002 QN_{14} 11 25.8 22°.25 1°.3/26.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 32.46	+26 56.8	2.173	2.954	14.0	19.9
10 28	4 28.50	+26 39.6	2.088	2.957	11.2	19.7
11 7	4 22.30	+26 12.8	2.026	2.959	7.8	19.5
11 17	4 14.42	+25 36.3	1.989	2.962	4.1	19.3
11 27	4 5.78	+24 51.8	1.981	2.966	1.3	19.1
12 7	3 57.41	+24 2.6	2.002	2.969	4.4	19.4
12 17	3 50.23	+23 12.9	2.052	2.973	8.0	19.6
12 27	3 45.00	+22 27.3	2.127	2.977	11.3	19.8

414007 2007 GJ_{46} 11 25.8 125°.24 2°.4/26.9 18

10 18	4 37.63	+28 16.4	2.778	3.530	12.0	21.5
10 28	4 32.05	+28 49.4	2.695	3.543	9.6	21.3
11 7	4 24.48	+29 15.9	2.636	3.556	6.9	21.2
11 17	4 15.42	+29 34.2	2.605	3.569	4.1	21.0
11 27	4 5.65	+29 43.4	2.603	3.582	2.4	20.9
12 7	3 56.06	+29 44.1	2.633	3.594	4.1	21.1
12 17	3 47.47	+29 38.3	2.694	3.606	6.8	21.2
12 27	3 40.58	+29 29.1	2.782	3.617	9.4	21.4

220091 2002 ST_{33} 11 25.8 82°.76 1°.7/25.1 16

10 18	4 42.30	+19 46.5	1.544	2.340	18.1	20.7
10 28	4 36.42	+19 3.2	1.493	2.373	14.1	20.5
11 7	4 27.63	+18 13.7	1.464	2.405	9.5	20.4
11 17	4 16.88	+17 20.7	1.459	2.437	4.6	20.2
11 27	4 5.49	+16 28.4	1.483	2.468	1.9	20.1
12 7	3 54.88	+15 41.7	1.536	2.498	6.2	20.4
12 17	3 46.20	+15 5.1	1.615	2.528	10.5	20.7
12 27	3 40.22	+14 41.5	1.719	2.556	14.1	21.0

22091 2000 AY_{186} 11 25.8 38°.20 7°.4/22.9 18

10 18	4 33.83	+ 4 5.0	1.734	2.535	16.3	18.4
10 28	4 29.83	+ 3 6.4	1.664	2.536	13.3	18.2
11 7	4 23.33	+ 2 14.3	1.615	2.538	10.2	18.0
11 17	4 14.96	+ 1 34.6	1.591	2.540	7.9	17.9
11 27	4 5.72	+ 1 12.7	1.592	2.542	7.6	17.9
12 7	3 56.76	+ 1 11.6	1.620	2.544	9.7	18.0
12 17	3 49.13	+ 1 32.0	1.674	2.547	12.6	18.2
12 27	3 43.67	+ 2 11.9	1.749	2.549	15.6	18.4

306417 1998 HF_{9} 11 25.8 312°.91 6°.1/23.5 17

10 18	4 31.90	+ 7 27.4	1.737	2.545	15.9	20.4
10 28	4 28.76	+ 6 46.9	1.635	2.516	13.0	20.1
11 7	4 22.96	+ 6 9.5	1.554	2.487	9.7	19.9
11 17	4 14.97	+ 5 40.2	1.496	2.458	6.9	19.6
11 27	4 5.69	+ 5 24.0	1.465	2.430	6.3	19.5
12 7	3 56.31	+ 5 24.9	1.461	2.401	8.9	19.6
12 17	3 48.04	+ 5 44.9	1.481	2.374	12.7	19.8
12 27	3 41.95	+ 6 23.7	1.524	2.347	16.4	19.9

505660 2014 TN_{33} 11 25.8 281°.62 6°.6/22.0 17

10 18	4 36.69	+17 40.1	1.189	2.017	20.6	21.2
10 28	4 33.43	+15 6.5	1.109	2.007	16.4	20.9
11 7	4 26.51	+12 13.3	1.050	1.997	11.6	20.6
11 17	4 16.70	+ 9 10.7	1.015	1.987	7.4	20.4
11 27	4 5.48	+ 6 14.9	1.007	1.977	7.4	20.3
12 7	3 54.67	+ 3 42.8	1.025	1.967	11.7	20.5
12 17	3 45.87	+ 1 46.7	1.067	1.957	16.7	20.8
12 27	3 40.26	+ 0 31.4	1.129	1.947	21.2	21.0

270680 2002 QW_{32} 11 25.8 137°.92 3°.5/27.9 18

10 18	4 36.09	+33 49.5	2.890	3.626	11.9	21.0
10 28	4 30.87	+34 9.1	2.804	3.637	9.7	20.9
11 7	4 23.68	+34 19.1	2.741	3.647	7.3	20.7
11 17	4 15.04	+34 17.6	2.704	3.656	4.9	20.6
11 27	4 5.72	+34 3.9	2.697	3.665	3.5	20.5
12 7	3 56.61	+33 39.5	2.720	3.674	4.5	20.6
12 17	3 48.53	+33 6.9	2.773	3.682	6.8	20.8
12 27	3 42.14	+32 30.3	2.854	3.690	9.1	20.9

96193 Edmonton 11 25.8 14°.04 3°.5/24.5 18

10 18	4 32.27	+15 26.3	1.381	2.206	18.4	19.9
10 28	4 29.34	+14 45.7	1.313	2.209	14.5	19.6
11 7	4 23.37	+14 2.2	1.266	2.213	10.0	19.4
11 17	4 15.08	+13 19.7	1.241	2.217	5.4	19.1
11 27	4 5.72	+12 43.1	1.242	2.223	3.8	19.1
12 7	3 56.74	+12 17.0	1.269	2.229	7.6	19.3
12 17	3 49.44	+12 5.0	1.321	2.236	12.1	19.6
12 27	3 44.80	+12 8.6	1.395	2.244	16.1	19.8

130155 1999 XD_{223} 11 25.8 342°.31 9°.2/23.5 18

10 18	4 34.78	− 5 24.5	1.982	2.750	15.6	18.6
10 28	4 30.31	− 5 50.9	1.906	2.745	13.4	18.5
11 7	4 23.55	− 6 2.8	1.850	2.740	11.1	18.3
11 17	4 15.06	− 5 54.8	1.818	2.735	9.5	18.2
11 27	4 5.72	− 5 23.2	1.812	2.730	9.3	18.2
12 7	3 56.57	− 4 27.1	1.832	2.727	10.6	18.3
12 17	3 48.59	− 3 8.7	1.878	2.723	12.8	18.4
12 27	3 42.56	− 1 32.0	1.947	2.720	15.2	18.6

263232 2008 AF_{69} 11 25.8 333°.18 8°.7/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 33.44	− 1 20.0	1.892	2.677	15.7	20.4
10 28	4 29.34	− 2 14.9	1.820	2.675	13.2	20.2
11 7	4 22.92	− 2 59.3	1.770	2.673	10.7	20.1
11 17	4 14.76	− 3 27.3	1.743	2.672	9.0	19.9
11 27	4 5.76	− 3 33.8	1.742	2.670	8.9	19.9
12 7	3 57.00	− 3 16.5	1.767	2.668	10.5	20.0
12 17	3 49.43	− 2 36.0	1.816	2.667	12.9	20.2
12 27	3 43.85	− 1 35.1	1.888	2.666	15.4	20.4

361367 2006 UC_{271} 11 25.8 298°.21 0°.1/25.9 17

10 18	4 33.21	+24 32.9	1.887	2.681	15.4	20.7
10 28	4 29.57	+23 56.7	1.789	2.667	12.3	20.4
11 7	4 23.32	+23 9.6	1.713	2.653	8.5	20.2
11 17	4 15.04	+22 12.3	1.662	2.639	4.1	19.9
11 27	4 5.72	+21 7.7	1.639	2.626	0.5	19.6
12 7	3 56.55	+20 0.5	1.645	2.613	5.2	19.9
12 17	3 48.69	+18 56.7	1.679	2.599	9.6	20.1
12 27	3 43.04	+18 1.7	1.738	2.586	13.5	20.3

163201 2002 EB_{39} 11 25.8 123°.69 5°.3/28.7 18

10 18	4 44.16	+37 41.7	2.334	3.056	14.8	21.2
10 28	4 37.70	+38 14.2	2.259	3.077	12.3	21.0
11 7	4 28.55	+38 32.9	2.206	3.097	9.5	20.9
11 17	4 17.42	+38 34.1	2.178	3.116	6.9	20.8
11 27	4 5.43	+38 16.1	2.178	3.135	5.3	20.7
12 7	3 53.87	+37 40.5	2.209	3.152	6.1	20.8
12 17	3 43.86	+36 52.0	2.268	3.169	8.4	21.0
12 27	3 36.26	+35 56.9	2.354	3.185	11.0	21.2

389967 2012 TQ_{213} 11 25.8 297°.03 4°.2/27.2 18

10 18	4 37.92	+29 59.8	1.618	2.403	17.9	21.0
10 28	4 34.10	+30 34.8	1.528	2.394	14.6	20.7
11 7	4 26.91	+30 59.3	1.458	2.385	10.8	20.5
11 17	4 16.95	+31 9.3	1.411	2.376	6.7	20.2
11 27	4 5.47	+31 2.5	1.390	2.368	4.2	20.1
12 7	3 54.07	+30 39.9	1.396	2.359	6.5	20.2
12 17	3 44.34	+30 6.3	1.428	2.351	10.7	20.4
12 27	3 37.53	+29 28.8	1.485	2.343	14.8	20.6

34725 2001 QJ_{19} 11 25.8 222°.99 1°.9/26.7 18

10 18	4 36.11	+27 21.7	2.186	2.959	14.2	18.9
10 28	4 31.51	+27 24.5	2.091	2.953	11.4	18.7
11 7	4 24.47	+27 18.6	2.018	2.948	8.1	18.4
11 17	4 15.55	+27 2.8	1.970	2.942	4.4	18.2
11 27	4 5.68	+26 37.3	1.952	2.935	1.9	18.0
12 7	3 55.95	+26 4.3	1.963	2.929	4.6	18.2
12 17	3 47.43	+25 27.7	2.003	2.922	8.3	18.4
12 27	3 40.97	+24 51.9	2.069	2.915	11.7	18.6

488082 2015 VE_{30} 11 25.8 344°.89 0°.2/25.7 18

10 18	4 32.59	+23 45.0	1.812	2.611	15.7	20.8
10 28	4 29.06	+23 7.4	1.727	2.607	12.4	20.6
11 7	4 22.92	+22 19.7	1.663	2.604	8.5	20.4
11 17	4 14.82	+21 23.1	1.624	2.601	4.1	20.1
11 27	4 5.78	+20 21.0	1.612	2.599	0.6	19.8
12 7	3 57.01	+19 18.3	1.630	2.597	5.2	20.2
12 17	3 49.62	+18 20.4	1.674	2.595	9.6	20.4
12 27	3 44.47	+17 32.5	1.744	2.593	13.4	20.7

356333 2010 JS_{147} 11 25.8 88°.43 2°.2/24.9 18

10 18	4 35.97	+16 16.5	1.831	2.629	15.6	21.0
10 28	4 31.41	+15 55.6	1.760	2.640	12.3	20.8
11 7	4 24.34	+15 32.7	1.711	2.652	8.4	20.6
11 17	4 15.43	+15 9.6	1.687	2.663	4.3	20.3
11 27	4 5.71	+14 49.1	1.692	2.675	2.4	20.2
12 7	3 56.33	+14 33.8	1.725	2.686	5.8	20.5
12 17	3 48.34	+14 26.3	1.786	2.697	9.7	20.8
12 27	3 42.56	+14 28.4	1.871	2.708	13.2	21.0

147399 2003 FV_{11} 11 25.8 96°.29 0°.5/26.1 18

10 18	4 34.86	+23 27.2	2.112	2.897	14.3	20.4
10 28	4 30.38	+23 21.3	2.032	2.904	11.3	20.3
11 7	4 23.58	+23 8.8	1.974	2.911	7.7	20.0
11 17	4 15.06	+22 49.7	1.942	2.919	3.8	19.8
11 27	4 5.75	+22 25.3	1.939	2.926	0.7	19.6
12 7	3 56.71	+21 58.2	1.966	2.933	4.5	19.9
12 17	3 48.90	+21 31.6	2.021	2.940	8.3	20.1
12 27	3 43.11	+21 9.1	2.102	2.947	11.6	20.4

332016 2005 NL_{84} 11 25.8 78°.96 1°.5/26.4 18

10 18	4 42.12	+25 34.6	1.503	2.294	18.8	20.7
10 28	4 36.75	+25 36.2	1.446	2.320	14.8	20.6
11 7	4 28.16	+25 27.6	1.409	2.346	10.2	20.4
11 17	4 17.26	+25 7.9	1.396	2.371	5.2	20.1
11 27	4 5.48	+24 38.2	1.411	2.396	1.6	19.9
12 7	3 54.39	+24 2.4	1.453	2.421	5.7	20.3
12 17	3 45.32	+23 26.1	1.523	2.445	10.2	20.6
12 27	3 39.17	+22 54.7	1.616	2.469	14.1	20.9

79568 1998 QS_{85} 11 25.8 94°.34 6°.4/28.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 41.43	+37 6.0	1.578	2.340	19.2	19.4
10 28	4 36.89	+37 30.9	1.504	2.347	16.1	19.2
11 7	4 28.71	+37 37.4	1.447	2.355	12.4	19.0
11 17	4 17.71	+37 20.2	1.413	2.362	8.7	18.8
11 27	4 5.40	+36 37.3	1.404	2.369	6.4	18.7
12 7	3 53.61	+35 32.1	1.422	2.376	7.6	18.8
12 17	3 43.94	+34 12.5	1.466	2.383	10.9	19.0
12 27	3 37.52	+32 49.0	1.534	2.390	14.5	19.2

369129 2008 RS_{15} 11 25.8 294°.70 2°.7/24.3 17

10 18	4 30.80	+15 15.7	2.292	3.088	12.9	21.1
10 28	4 27.00	+14 30.9	2.201	3.081	10.2	20.9
11 7	4 21.21	+13 43.3	2.134	3.073	7.0	20.7
11 17	4 13.92	+12 55.4	2.093	3.066	3.9	20.5
11 27	4 5.90	+12 10.8	2.081	3.059	2.9	20.4
12 7	3 58.04	+11 32.9	2.099	3.053	5.6	20.6
12 17	3 51.15	+11 4.7	2.144	3.046	8.9	20.8
12 27	3 45.95	+10 48.2	2.215	3.039	11.9	21.0

335404 2005 TE_{86} 11 25.8 107°.59 0°.9/25.4 18

10 18	4 39.17	+21 44.7	1.719	2.511	16.7	20.9
10 28	4 34.01	+21 3.1	1.652	2.529	13.1	20.7
11 7	4 26.12	+20 13.3	1.606	2.546	8.9	20.5
11 17	4 16.26	+19 17.2	1.585	2.563	4.2	20.2
11 27	4 5.62	+18 18.5	1.593	2.579	1.2	20.0
12 7	3 55.51	+17 22.5	1.630	2.594	5.6	20.4
12 17	3 47.04	+16 34.0	1.695	2.610	9.9	20.7
12 27	3 41.04	+15 57.1	1.785	2.624	13.6	20.9

211579 2003 SB_{177} 11 25.8 144°.31 2°.6/24.8 17

10 18	4 40.07	+16 14.7	1.732	2.526	16.6	21.0
10 28	4 34.76	+15 40.4	1.659	2.537	13.0	20.8
11 7	4 26.70	+15 3.0	1.607	2.547	8.9	20.6
11 17	4 16.60	+14 25.0	1.581	2.556	4.6	20.3
11 27	4 5.58	+13 49.8	1.583	2.565	2.9	20.2
12 7	3 54.97	+13 21.4	1.614	2.572	6.4	20.5
12 17	3 45.91	+13 3.0	1.673	2.580	10.6	20.7
12 27	3 39.28	+12 56.7	1.756	2.586	14.2	21.0

129929 1999 TV_{141} 11 25.8 93°.96 2°.4/24.8 18

10 18	4 35.84	+17 8.3	1.789	2.589	15.9	19.9
10 28	4 31.34	+16 29.6	1.719	2.601	12.4	19.7
11 7	4 24.31	+15 47.0	1.671	2.612	8.5	19.5
11 17	4 15.43	+15 3.2	1.648	2.624	4.3	19.3
11 27	4 5.74	+14 21.9	1.653	2.635	2.6	19.2
12 7	3 56.45	+13 47.1	1.687	2.646	6.1	19.4
12 17	3 48.59	+13 22.1	1.748	2.657	10.0	19.7
12 27	3 42.98	+13 9.2	1.834	2.668	13.5	19.9

378622 2008 FE_{69} 11 25.8 263°.98 2°.9/24.7 18

10 18	4 36.56	+16 12.4	1.599	2.405	17.2	21.7
10 28	4 32.65	+15 37.5	1.506	2.391	13.7	21.5
11 7	4 25.71	+14 58.5	1.433	2.376	9.5	21.2
11 17	4 16.33	+14 17.8	1.385	2.361	5.0	20.9
11 27	4 5.61	+13 39.6	1.364	2.345	3.2	20.7
12 7	3 54.96	+13 8.4	1.370	2.329	7.2	20.9
12 17	3 45.75	+12 48.4	1.402	2.314	11.8	21.2
12 27	3 39.11	+12 42.5	1.458	2.297	16.1	21.4

115607 2003 UR_{101} 11 25.8 329°.81 1°.7/25.2 17

10 18	4 31.02	+17 5.8	1.867	2.674	15.0	19.3
10 28	4 27.85	+16 55.5	1.772	2.658	11.9	19.1
11 7	4 22.19	+16 42.9	1.699	2.643	8.2	18.8
11 17	4 14.56	+16 29.4	1.651	2.629	4.1	18.6
11 27	4 5.85	+16 17.0	1.631	2.615	1.9	18.4
12 7	3 57.21	+16 8.2	1.638	2.602	5.7	18.6
12 17	3 49.72	+16 5.6	1.673	2.590	9.8	18.8
12 27	3 44.32	+16 11.4	1.731	2.578	13.6	19.0

45567 2000 CQ_{60} 11 25.8 328°.63 2°.0/26.9 18

10 18	4 33.18	+28 44.3	2.237	3.011	13.9	18.7
10 28	4 29.13	+28 36.0	2.146	3.008	11.2	18.5
11 7	4 22.79	+28 17.5	2.077	3.006	7.9	18.3
11 17	4 14.73	+27 48.1	2.033	3.003	4.4	18.1
11 27	4 5.84	+27 8.7	2.018	3.001	2.0	18.0
12 7	3 57.16	+26 22.1	2.033	2.999	4.5	18.1
12 17	3 49.65	+25 32.5	2.076	2.997	8.0	18.3
12 27	3 44.10	+24 44.8	2.145	2.995	11.2	18.5

71193 1999 XG_{231} 11 25.8 345°.03 2°.1/25.4 17

10 18	4 36.75	+12 29.1	1.871	2.667	15.4	17.3
10 28	4 32.28	+13 2.5	1.782	2.660	12.3	17.1
11 7	4 25.19	+13 40.8	1.715	2.654	8.5	16.9
11 17	4 16.01	+14 24.3	1.673	2.649	4.4	16.6
11 27	4 5.68	+15 12.8	1.661	2.644	2.3	16.5
12 7	3 55.41	+16 5.5	1.677	2.640	5.7	16.7
12 17	3 46.36	+17 1.6	1.722	2.636	9.8	16.9
12 27	3 39.49	+18 1.0	1.792	2.633	13.5	17.1

50953 2000 GA_{79} 11 25.8 45°.18 0°.7/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 32.57	+19 36.5	2.179	2.971	13.6	18.7
10 28	4 28.46	+19 28.7	2.102	2.980	10.7	18.6
11 7	4 22.22	+19 17.3	2.049	2.989	7.2	18.4
11 17	4 14.43	+19 3.0	2.021	2.998	3.5	18.1
11 27	4 5.91	+18 47.4	2.022	3.008	0.9	18.0
12 7	3 57.65	+18 32.7	2.053	3.018	4.5	18.3
12 17	3 50.52	+18 21.2	2.112	3.028	8.1	18.5
12 27	3 45.23	+18 15.3	2.197	3.039	11.3	18.7

459320 2012 HL_{6} 11 25.8 147°.41 4°.7/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 32.78	+ 5 49.0	2.504	3.286	12.4	21.0
10 28	4 28.25	+ 5 26.8	2.424	3.288	10.0	20.9
11 7	4 21.90	+ 5 9.6	2.367	3.291	7.4	20.7
11 17	4 14.24	+ 4 59.9	2.337	3.293	5.2	20.6
11 27	4 5.94	+ 5 0.2	2.336	3.295	4.8	20.5
12 7	3 57.81	+ 5 12.1	2.364	3.297	6.5	20.7
12 17	3 50.60	+ 5 35.9	2.420	3.299	9.0	20.8
12 27	3 44.92	+ 6 10.9	2.502	3.301	11.5	21.0

520466 2014 KS_{108} 11 25.8 137°.09 0°.6/25.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 39.24	+17 23.1	1.935	2.722	15.3	21.3
10 28	4 34.12	+17 52.6	1.850	2.724	12.1	21.0
11 7	4 26.36	+18 22.4	1.787	2.725	8.3	20.8
11 17	4 16.53	+18 51.7	1.750	2.727	4.0	20.6
11 27	4 5.63	+19 20.0	1.743	2.729	0.8	20.3
12 7	3 54.87	+19 47.5	1.765	2.730	5.1	20.6
12 17	3 45.40	+20 15.0	1.816	2.732	9.3	20.9
12 27	3 38.18	+20 44.1	1.892	2.733	12.9	21.1

367808 2011 AM_{45} 11 25.8 266°.85 5°.5/23.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 31.86	+ 4 49.3	2.333	3.119	13.0	20.5
10 28	4 27.72	+ 4 11.7	2.250	3.115	10.6	20.3
11 7	4 21.65	+ 3 39.0	2.190	3.111	8.0	20.1
11 17	4 14.15	+ 3 15.1	2.156	3.107	6.0	20.0
11 27	4 5.95	+ 3 3.2	2.150	3.103	5.7	20.0
12 7	3 57.90	+ 3 5.6	2.173	3.099	7.4	20.1
12 17	3 50.79	+ 3 22.9	2.222	3.095	10.0	20.2
12 27	3 45.30	+ 3 54.5	2.296	3.091	12.5	20.4

189914 2003 SZ_{118} 11 25.8 278°.26 0°.9/25.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 32.39	+19 22.4	2.315	3.104	13.0	20.8
10 28	4 28.36	+19 7.4	2.218	3.094	10.3	20.6
11 7	4 22.23	+18 48.3	2.144	3.083	7.0	20.4
11 17	4 14.48	+18 26.2	2.096	3.073	3.4	20.2
11 27	4 5.91	+18 2.9	2.077	3.063	1.1	20.0
12 7	3 57.44	+17 40.6	2.089	3.053	4.6	20.2
12 17	3 49.95	+17 22.1	2.128	3.042	8.2	20.4
12 27	3 44.21	+17 10.0	2.194	3.032	11.5	20.6

152654 1997 WB_{15} 11 25.8 111°.77 0°.2/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 39.59	+22 51.5	1.820	2.606	16.2	21.2
10 28	4 34.33	+22 41.1	1.750	2.622	12.7	21.0
11 7	4 26.37	+22 23.5	1.701	2.639	8.7	20.8
11 17	4 16.44	+21 59.0	1.678	2.654	4.2	20.5
11 27	4 5.67	+21 29.0	1.683	2.669	0.5	20.3
12 7	3 55.34	+20 57.0	1.718	2.684	5.1	20.6
12 17	3 46.58	+20 27.0	1.780	2.698	9.3	20.9
12 27	3 40.22	+20 3.0	1.868	2.712	12.9	21.2

439464 2013 YM_{45} 11 25.8 246°.17 1°.0/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 37.20	+25 31.7	1.783	2.571	16.4	21.4
10 28	4 32.94	+25 15.8	1.689	2.562	13.1	21.1
11 7	4 25.78	+24 49.4	1.615	2.552	9.1	20.9
11 17	4 16.32	+24 12.0	1.566	2.542	4.6	20.6
11 27	4 5.67	+23 25.2	1.545	2.531	1.1	20.3
12 7	3 55.19	+22 32.9	1.553	2.521	5.4	20.6
12 17	3 46.17	+21 40.5	1.589	2.510	9.9	20.8
12 27	3 39.63	+20 54.0	1.649	2.499	14.0	21.1

485305 2011 AA_{60} 11 25.8 120°.80 3°.4/27.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 35.09	+32 50.1	2.350	3.105	13.8	21.4
10 28	4 30.58	+32 52.6	2.261	3.108	11.3	21.2
11 7	4 23.75	+32 43.3	2.195	3.110	8.3	21.0
11 17	4 15.19	+32 20.6	2.153	3.113	5.3	20.9
11 27	4 5.84	+31 44.5	2.141	3.115	3.4	20.7
12 7	3 56.73	+30 57.5	2.157	3.118	4.8	20.9
12 17	3 48.85	+30 3.6	2.203	3.120	7.8	21.0
12 27	3 42.97	+29 8.4	2.275	3.123	10.7	21.2

455650 2005 AC_{3} 11 25.8 248°.47 13°.3/ 2.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 48.66	+49 3.0	1.301	2.026	24.3	20.6
10 28	4 44.99	+50 2.8	1.219	2.019	21.7	20.4
11 7	4 35.71	+50 34.4	1.151	2.011	18.6	20.2
11 17	4 21.61	+50 24.6	1.101	2.003	15.6	20.0
11 27	4 4.97	+49 23.1	1.071	1.995	13.6	19.8
12 7	3 48.97	+47 30.0	1.063	1.987	13.6	19.8
12 17	3 36.45	+44 57.5	1.079	1.978	15.7	19.9
12 27	3 29.08	+42 6.1	1.116	1.969	19.0	20.1

520388 2014 HB_{207} 11 25.8 90°.15 0°.8/26.2 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 36.28	+24 18.0	1.888	2.676	15.6	21.9
10 28	4 31.80	+24 12.8	1.811	2.684	12.3	21.7
11 7	4 24.72	+23 59.8	1.755	2.692	8.5	21.5
11 17	4 15.70	+23 38.7	1.725	2.700	4.2	21.2
11 27	4 5.78	+23 10.8	1.722	2.709	0.9	21.0
12 7	3 56.18	+22 39.0	1.749	2.717	4.9	21.3
12 17	3 48.00	+22 7.4	1.804	2.725	9.0	21.6
12 27	3 42.10	+21 40.3	1.884	2.732	12.6	21.8

128549 2004 PZ_{72} 11 25.8 52°.49 4°.5/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 39.47	+31 25.7	1.430	2.219	19.7	19.0
10 28	4 35.31	+31 52.9	1.368	2.235	16.0	18.8
11 7	4 27.59	+32 5.4	1.324	2.251	11.7	18.6
11 17	4 17.18	+31 59.6	1.303	2.267	7.3	18.4
11 27	4 5.59	+31 34.4	1.307	2.284	4.5	18.3
12 7	3 54.59	+30 53.3	1.338	2.301	6.7	18.4
12 17	3 45.70	+30 3.2	1.395	2.319	10.8	18.7
12 27	3 39.98	+29 12.2	1.475	2.336	14.7	19.0

4102 Gergana 11 25.8 317°.06 4°.2/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 31.05	+11 36.9	2.088	2.889	13.9	16.9
10 28	4 27.38	+10 44.0	2.004	2.883	11.0	16.7
11 7	4 21.57	+ 9 50.6	1.941	2.878	7.9	16.5
11 17	4 14.17	+ 9 0.3	1.905	2.873	5.0	16.3
11 27	4 5.98	+ 8 17.6	1.897	2.868	4.4	16.3
12 7	3 57.97	+ 7 46.0	1.918	2.863	6.8	16.4
12 17	3 51.02	+ 7 28.4	1.966	2.858	10.0	16.6
12 27	3 45.88	+ 7 25.6	2.038	2.854	13.1	16.8

59173 1999 AC_{5} 11 25.9 303°.51 3°.4/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 35.73	+13 28.5	1.487	2.300	17.9	19.6
10 28	4 32.27	+13 19.2	1.396	2.285	14.3	19.3
11 7	4 25.65	+13 11.1	1.326	2.269	10.0	19.0
11 17	4 16.42	+13 6.5	1.279	2.254	5.5	18.7
11 27	4 5.72	+13 8.4	1.258	2.239	3.6	18.6
12 7	3 55.01	+13 19.1	1.264	2.224	7.4	18.8
12 17	3 45.78	+13 40.4	1.295	2.210	12.3	19.0
12 27	3 39.24	+14 13.2	1.348	2.196	16.7	19.2

260545 2005 ET_{180} 11 25.9 203°.37 4°.0/23.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 31.20	+ 9 4.1	2.532	3.319	12.1	20.7
10 28	4 27.06	+ 8 26.2	2.447	3.318	9.6	20.5
11 7	4 21.14	+ 7 50.3	2.387	3.317	7.0	20.3
11 17	4 13.92	+ 7 19.2	2.353	3.315	4.7	20.2
11 27	4 6.07	+ 6 55.9	2.348	3.313	4.2	20.1
12 7	3 58.37	+ 6 42.8	2.373	3.312	6.1	20.3
12 17	3 51.55	+ 6 41.3	2.426	3.310	8.7	20.4
12 27	3 46.23	+ 6 51.9	2.504	3.308	11.3	20.6

517351 2014 JC_{84} 11 25.9 90°.19 2°.7/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 35.46	+14 12.1	1.903	2.700	15.1	21.7
10 28	4 31.03	+13 57.8	1.825	2.705	11.9	21.5
11 7	4 24.15	+13 43.5	1.770	2.710	8.2	21.3
11 17	4 15.45	+13 31.1	1.740	2.714	4.4	21.1
11 27	4 5.87	+13 22.9	1.738	2.719	2.8	21.0
12 7	3 56.54	+13 21.0	1.766	2.724	6.0	21.2
12 17	3 48.49	+13 27.3	1.820	2.729	9.7	21.4
12 27	3 42.55	+13 42.8	1.900	2.733	13.1	21.6

339154 2004 TB_{37} 11 25.9 108°.66 2°.3/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 37.79	+17 17.0	1.847	2.641	15.7	21.7
10 28	4 32.74	+16 37.5	1.780	2.658	12.3	21.5
11 7	4 25.20	+15 54.1	1.734	2.674	8.3	21.3
11 17	4 15.88	+15 9.5	1.715	2.691	4.3	21.1
11 27	4 5.83	+14 27.2	1.724	2.706	2.5	21.0
12 7	3 56.21	+13 51.1	1.763	2.722	5.9	21.3
12 17	3 48.04	+13 24.5	1.829	2.737	9.8	21.5
12 27	3 42.11	+13 9.7	1.920	2.751	13.1	21.8

486549 2013 HK_{45} 11 25.9 354°.56 1°.2/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 34.04	+25 55.6	1.875	2.665	15.6	21.2
10 28	4 30.22	+25 43.6	1.790	2.664	12.4	21.0
11 7	4 23.77	+25 21.8	1.726	2.663	8.7	20.8
11 17	4 15.32	+24 50.0	1.687	2.662	4.5	20.6
11 27	4 5.90	+24 9.7	1.676	2.662	1.2	20.3
12 7	3 56.73	+23 24.4	1.693	2.661	4.9	20.6
12 17	3 48.94	+22 38.8	1.738	2.661	9.1	20.8
12 27	3 43.41	+21 58.1	1.809	2.662	12.8	21.1

328035 2007 LS_{4} 11 25.9 260°.25 2°.5/25.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 36.04	+12 3.0	2.318	3.101	13.2	20.8
10 28	4 31.13	+12 15.1	2.226	3.097	10.5	20.6
11 7	4 24.09	+12 30.1	2.158	3.093	7.3	20.4
11 17	4 15.42	+12 48.8	2.116	3.089	4.0	20.1
11 27	4 5.89	+13 12.2	2.105	3.085	2.6	20.0
12 7	3 56.44	+13 40.7	2.123	3.081	5.2	20.2
12 17	3 47.98	+14 14.7	2.171	3.076	8.6	20.4
12 27	3 41.28	+14 54.2	2.246	3.072	11.6	20.6

292060 2006 RD_{10} 11 25.9 87°.73 3°.9/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 34.92	+12 21.1	1.920	2.718	15.0	20.5
10 28	4 30.38	+11 35.7	1.854	2.733	11.8	20.3
11 7	4 23.56	+10 50.5	1.810	2.747	8.3	20.2
11 17	4 15.09	+10 9.0	1.793	2.762	5.0	20.0
11 27	4 5.94	+ 9 35.0	1.803	2.777	4.1	20.0
12 7	3 57.16	+ 9 11.9	1.843	2.791	6.7	20.2
12 17	3 49.68	+ 9 1.8	1.909	2.806	10.0	20.4
12 27	3 44.23	+ 9 5.3	2.000	2.820	13.1	20.6

65768 1995 DR_{6} 11 25.9 56°.22 0°.4/26.0 18

10 18	4 34.78	+22 42.9	2.040	2.827	14.6	19.0
10 28	4 30.29	+22 41.3	1.973	2.847	11.4	18.9
11 7	4 23.51	+22 33.8	1.929	2.867	7.8	18.7
11 17	4 15.08	+22 20.6	1.911	2.888	3.8	18.5
11 27	4 5.96	+22 2.9	1.921	2.908	0.6	18.2
12 7	3 57.20	+21 43.0	1.961	2.928	4.5	18.6
12 17	3 49.75	+21 24.0	2.029	2.949	8.2	18.9
12 27	3 44.34	+21 9.0	2.123	2.970	11.4	19.1

464446 2016 BJ_{36} 11 25.9 270°.34 0°.9/26.3 18

10 18	4 33.39	+24 5.9	2.684	3.455	11.9	22.4
10 28	4 29.02	+24 12.3	2.573	3.437	9.5	22.2
11 7	4 22.66	+24 13.7	2.485	3.417	6.6	21.9
11 17	4 14.75	+24 9.4	2.424	3.398	3.4	21.7
11 27	4 5.98	+23 59.7	2.393	3.378	0.9	21.5
12 7	3 57.21	+23 45.9	2.392	3.358	3.9	21.7
12 17	3 49.27	+23 30.2	2.421	3.338	7.2	21.9
12 27	3 42.90	+23 15.4	2.478	3.318	10.2	22.0

472451 2015 BY_{332} 11 25.9 126°.08 2°.1/25.2 16

10 18	4 40.82	+16 39.2	1.581	2.380	17.7	21.7
10 28	4 35.69	+16 24.6	1.511	2.392	13.9	21.5
11 7	4 27.54	+16 7.7	1.462	2.403	9.5	21.3
11 17	4 17.13	+15 50.1	1.437	2.413	4.8	21.0
11 27	4 5.69	+15 34.2	1.440	2.424	2.3	20.9
12 7	3 54.67	+15 23.0	1.471	2.433	6.4	21.2
12 17	3 45.35	+15 19.2	1.529	2.442	10.9	21.4
12 27	3 38.70	+15 25.1	1.611	2.451	14.8	21.7

208820 2002 RY_{19} 11 25.9 72°.42 6°.9/23.2 18

10 18	4 34.85	+ 5 5.2	1.767	2.565	16.1	20.1
10 28	4 30.43	+ 4 2.7	1.711	2.582	13.0	19.9
11 7	4 23.62	+ 3 6.6	1.676	2.600	9.9	19.7
11 17	4 15.13	+ 2 22.2	1.666	2.617	7.4	19.6
11 27	4 5.96	+ 1 54.6	1.683	2.634	7.1	19.7
12 7	3 57.22	+ 1 46.6	1.727	2.652	9.1	19.8
12 17	3 49.86	+ 1 58.6	1.796	2.669	11.9	20.0
12 27	3 44.63	+ 2 29.0	1.888	2.686	14.7	20.2

223148 2002 WZ_{22} 11 25.9 94°.52 1°.0/25.6 18

10 18	4 40.24	+18 14.4	1.559	2.359	17.8	21.0
10 28	4 35.34	+18 20.7	1.490	2.372	14.0	20.7
11 7	4 27.37	+18 24.6	1.442	2.384	9.6	20.5
11 17	4 17.07	+18 26.3	1.418	2.396	4.6	20.3
11 27	4 5.71	+18 26.8	1.422	2.407	1.2	20.0
12 7	3 54.74	+18 28.0	1.453	2.419	5.9	20.4
12 17	3 45.50	+18 32.4	1.512	2.430	10.6	20.7
12 27	3 38.97	+18 42.6	1.594	2.442	14.5	21.0

54123 2000 HZ_{26} 11 25.9 237°.92 4°.4/23.3 18

10 18	4 30.82	+ 7 54.9	2.611	3.397	11.8	19.3
10 28	4 26.74	+ 7 11.1	2.522	3.390	9.5	19.1
11 7	4 20.94	+ 6 29.3	2.457	3.384	7.0	18.9
11 17	4 13.85	+ 5 52.9	2.418	3.377	4.9	18.8
11 27	4 6.12	+ 5 24.9	2.409	3.369	4.6	18.7
12 7	3 58.51	+ 5 8.1	2.429	3.362	6.3	18.8
12 17	3 51.73	+ 5 3.8	2.477	3.355	8.9	19.0
12 27	3 46.39	+ 5 12.5	2.550	3.347	11.3	19.2

447183 2005 SN_{85} 11 25.9 56°.29 2°.6/26.9 15

10 18	4 37.96	+27 26.9	1.804	2.586	16.4	21.7
10 28	4 33.25	+27 51.3	1.739	2.606	13.1	21.5
11 7	4 25.77	+28 6.6	1.696	2.627	9.3	21.4
11 17	4 16.24	+28 10.7	1.677	2.647	5.2	21.2
11 27	4 5.82	+28 3.3	1.686	2.668	2.6	21.0
12 7	3 55.84	+27 46.4	1.724	2.690	5.2	21.3
12 17	3 47.46	+27 24.0	1.789	2.711	9.0	21.5
12 27	3 41.55	+27 1.1	1.880	2.732	12.4	21.8

478909 2012 WQ_{33} 11 25.9 24°.63 8°.1/24.4 18

10 18	4 35.86	+ 2 43.3	1.340	2.153	19.5	19.7
10 28	4 32.10	+ 2 19.0	1.282	2.161	16.0	19.5
11 7	4 25.25	+ 2 7.3	1.242	2.170	12.2	19.3
11 17	4 16.07	+ 2 13.6	1.225	2.179	9.0	19.1
11 27	4 5.84	+ 2 42.0	1.231	2.190	8.2	19.1
12 7	3 56.05	+ 3 32.8	1.263	2.201	10.4	19.3
12 17	3 48.01	+ 4 43.5	1.320	2.213	13.9	19.5
12 27	3 42.69	+ 6 9.7	1.397	2.226	17.3	19.8

16804 Bonini 11 25.9 233°.51 3°.9/27.2 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 41.53	+30 18.3	2.001	2.762	15.7	17.9
10 28	4 36.41	+30 59.0	1.900	2.751	12.9	17.6
11 7	4 28.27	+31 31.3	1.820	2.739	9.5	17.4
11 17	4 17.65	+31 51.3	1.766	2.727	6.0	17.2
11 27	4 5.62	+31 56.2	1.739	2.714	3.9	17.0
12 7	3 53.55	+31 46.3	1.742	2.701	5.9	17.1
12 17	3 42.84	+31 24.7	1.772	2.687	9.6	17.3
12 27	3 34.63	+30 57.3	1.829	2.672	13.1	17.5

11324 Hayamizu 11 25.9 41°.09 4°.0/24.6 18

10 18	4 35.13	+13 6.2	1.441	2.258	18.2	17.7
10 28	4 31.37	+12 35.7	1.380	2.270	14.3	17.5
11 7	4 24.65	+12 5.9	1.339	2.283	10.0	17.3
11 17	4 15.76	+11 40.3	1.322	2.296	5.7	17.1
11 27	4 5.91	+11 22.8	1.331	2.309	4.2	17.0
12 7	3 56.52	+11 16.6	1.366	2.323	7.5	17.2
12 17	3 48.82	+11 23.6	1.427	2.337	11.7	17.5
12 27	3 43.71	+11 44.1	1.510	2.352	15.5	17.8

184650 2005 SG_{31} 11 25.9 89°.02 0°.2/25.9 18

10 18	4 40.69	+22 43.4	1.592	2.386	17.8	21.1
10 28	4 35.51	+22 33.6	1.530	2.407	14.0	20.9
11 7	4 27.33	+22 16.2	1.489	2.428	9.5	20.7
11 17	4 16.98	+21 51.4	1.472	2.449	4.6	20.5
11 27	4 5.76	+21 21.0	1.483	2.469	0.6	20.2
12 7	3 55.10	+20 48.8	1.522	2.489	5.5	20.6
12 17	3 46.26	+20 19.2	1.588	2.509	10.0	20.9
12 27	3 40.11	+19 56.7	1.679	2.528	13.9	21.2

278141 Tatooine 11 25.9 257°.85 1°.4/26.4 18

10 18	4 38.17	+25 6.3	1.745	2.533	16.7	21.2
10 28	4 33.93	+25 9.5	1.647	2.519	13.4	21.0
11 7	4 26.65	+25 4.2	1.569	2.505	9.4	20.7
11 17	4 16.88	+24 49.0	1.516	2.491	4.9	20.4
11 27	4 5.74	+24 24.1	1.490	2.476	1.4	20.1
12 7	3 54.64	+23 52.1	1.493	2.461	5.5	20.4
12 17	3 44.98	+23 17.5	1.523	2.445	10.2	20.6
12 27	3 37.89	+22 46.0	1.578	2.430	14.4	20.8

515601 2014 JL_{64} 11 25.9 289°.95 0°.0/25.9 18

10 18	4 36.58	+20 39.9	1.743	2.540	16.3	21.2
10 28	4 32.52	+20 50.9	1.652	2.532	13.0	21.0
11 7	4 25.57	+20 58.0	1.583	2.524	8.9	20.7
11 17	4 16.32	+21 0.8	1.538	2.515	4.3	20.4
11 27	4 5.82	+20 59.7	1.521	2.507	0.6	20.1
12 7	3 55.40	+20 56.3	1.532	2.499	5.5	20.5
12 17	3 46.36	+20 53.5	1.570	2.491	10.0	20.7
12 27	3 39.76	+20 54.5	1.632	2.483	14.1	20.9

230994 2005 CW_{42} 11 25.9 270°.51 1°.4/26.7 18

10 18	4 33.23	+27 12.4	2.504	3.274	12.7	20.7
10 28	4 29.03	+26 58.8	2.396	3.258	10.2	20.5
11 7	4 22.72	+26 36.5	2.311	3.241	7.2	20.3
11 17	4 14.79	+26 4.9	2.253	3.225	3.8	20.1
11 27	4 6.03	+25 24.9	2.224	3.208	1.4	19.9
12 7	3 57.34	+24 39.1	2.225	3.192	4.1	20.0
12 17	3 49.63	+23 51.3	2.256	3.175	7.5	20.2
12 27	3 43.65	+23 5.6	2.313	3.158	10.7	20.4

237586 2001 FF_{19} 11 25.9 108°.50 3°.8/23.8 18

10 18	4 36.25	+12 41.2	2.172	2.959	13.8	20.6
10 28	4 31.06	+11 40.9	2.108	2.981	10.9	20.5
11 7	4 23.83	+10 40.0	2.068	3.002	7.6	20.3
11 17	4 15.18	+ 9 42.2	2.055	3.023	4.7	20.2
11 27	4 6.00	+ 8 51.6	2.072	3.043	4.0	20.2
12 7	3 57.21	+ 8 11.8	2.118	3.063	6.3	20.3
12 17	3 49.63	+ 7 45.2	2.193	3.082	9.3	20.6
12 27	3 43.91	+ 7 32.8	2.293	3.100	12.1	20.8

249170 2008 CC_{12} 11 25.9 55°.05 2°.3/25.0 18

10 18	4 34.79	+15 26.6	1.852	2.652	15.4	20.7
10 28	4 30.58	+15 11.7	1.777	2.659	12.1	20.5
11 7	4 23.90	+14 55.7	1.724	2.666	8.3	20.3
11 17	4 15.38	+14 40.5	1.697	2.673	4.3	20.1
11 27	4 5.99	+14 28.4	1.698	2.680	2.5	20.0
12 7	3 56.88	+14 21.8	1.727	2.687	5.8	20.2
12 17	3 49.10	+14 22.8	1.783	2.695	9.7	20.4
12 27	3 43.45	+14 32.7	1.864	2.702	13.2	20.7

458029 2009 WE_{183} 11 25.9 305°.19 2°.1/27.1 17

10 18	4 33.66	+29 17.8	2.298	3.068	13.7	21.3
10 28	4 29.48	+29 6.4	2.206	3.066	11.0	21.1
11 7	4 23.06	+28 44.5	2.136	3.064	7.8	20.9
11 17	4 14.95	+28 11.4	2.092	3.062	4.4	20.7
11 27	4 6.05	+27 27.9	2.077	3.060	2.1	20.6
12 7	3 57.36	+26 37.2	2.092	3.058	4.4	20.7
12 17	3 49.82	+25 43.3	2.135	3.056	7.8	20.9
12 27	3 44.21	+24 51.3	2.205	3.054	11.0	21.1

66081 1998 RY_{56} 11 25.9 89°.38 0°.3/25.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 35.31	+21 19.6	2.389	3.168	13.0	19.7
10 28	4 30.29	+21 2.7	2.322	3.192	10.1	19.5
11 7	4 23.30	+20 41.0	2.278	3.215	6.8	19.3
11 17	4 14.96	+20 15.1	2.262	3.238	3.3	19.1
11 27	4 6.06	+19 47.0	2.275	3.261	0.6	19.0
12 7	3 57.52	+19 19.0	2.319	3.284	4.1	19.3
12 17	3 50.11	+18 53.9	2.392	3.306	7.4	19.5
12 27	3 44.47	+18 34.3	2.492	3.328	10.3	19.8

331189 2011 AZ_{58} 11 25.9 188°.91 2°.2/24.8 17

10 18	4 32.67	+14 29.8	2.627	3.411	11.8	21.7
10 28	4 28.21	+14 10.1	2.538	3.411	9.3	21.5
11 7	4 21.95	+13 49.7	2.473	3.410	6.4	21.3
11 17	4 14.36	+13 30.2	2.435	3.409	3.5	21.1
11 27	4 6.13	+13 13.5	2.427	3.407	2.3	21.0
12 7	3 58.04	+13 1.7	2.450	3.405	4.7	21.2
12 17	3 50.82	+12 56.3	2.501	3.403	7.7	21.4
12 27	3 45.11	+12 58.8	2.579	3.401	10.5	21.6

135996 2002 VY_{25} 11 25.9 77°.16 5°.1/24.0 18

10 18	4 35.58	+ 8 28.1	1.842	2.639	15.6	19.7
10 28	4 30.98	+ 7 50.1	1.780	2.655	12.4	19.5
11 7	4 24.02	+ 7 16.1	1.740	2.671	9.0	19.3
11 17	4 15.37	+ 6 50.0	1.725	2.688	6.0	19.2
11 27	4 6.02	+ 6 35.3	1.737	2.704	5.3	19.2
12 7	3 57.04	+ 6 34.4	1.778	2.720	7.5	19.4
12 17	3 49.42	+ 6 48.0	1.846	2.736	10.7	19.6
12 27	3 43.89	+ 7 15.7	1.937	2.752	13.7	19.8

78371 2002 PJ_{124} 11 25.9 12°.41 3°.3/24.4 18

10 18	4 30.72	+13 57.9	1.953	2.758	14.5	19.3
10 28	4 27.27	+13 19.3	1.877	2.761	11.4	19.1
11 7	4 21.59	+12 39.6	1.823	2.764	7.9	18.9
11 17	4 14.26	+12 1.8	1.794	2.767	4.5	18.7
11 27	4 6.15	+11 29.5	1.793	2.771	3.4	18.6
12 7	3 58.29	+11 6.0	1.821	2.775	6.2	18.8
12 17	3 51.59	+10 53.7	1.876	2.780	9.7	19.0
12 27	3 46.81	+10 53.9	1.954	2.786	12.9	19.2

496289 2012 VE_{111} 11 25.9 347°.98 0°.5/25.6 15

10 18	4 29.39	+19 32.0	2.530	3.320	12.0	21.3
10 28	4 25.86	+19 28.5	2.438	3.314	9.4	21.2
11 7	4 20.48	+19 22.0	2.369	3.309	6.4	21.0
11 17	4 13.70	+19 13.1	2.327	3.305	3.1	20.7
11 27	4 6.23	+19 3.0	2.314	3.300	0.7	20.5
12 7	3 58.86	+18 53.5	2.331	3.296	4.0	20.8
12 17	3 52.36	+18 46.3	2.376	3.293	7.3	21.0
12 27	3 47.39	+18 43.5	2.448	3.290	10.3	21.2

40331 1999 MS_{1} 11 25.9 114°.39 0°.4/26.0 18 R

10 18	4 40.54	+23 30.3	1.554	2.349	18.1	19.5
10 28	4 35.67	+23 18.5	1.483	2.361	14.3	19.3
11 7	4 27.64	+22 58.0	1.433	2.372	9.8	19.1
11 17	4 17.24	+22 28.7	1.407	2.384	4.8	18.8
11 27	4 5.80	+21 52.3	1.408	2.395	0.7	18.6
12 7	3 54.82	+21 13.1	1.437	2.405	5.7	18.9
12 17	3 45.66	+20 36.2	1.494	2.415	10.4	19.3
12 27	3 39.30	+20 6.7	1.574	2.425	14.5	19.5

110398 2001 TU_{9} 11 25.9 154°.76 0°.4/25.7 18

10 18	4 34.82	+20 58.8	2.061	2.850	14.4	20.6
10 28	4 30.49	+20 44.3	1.976	2.852	11.4	20.4
11 7	4 23.80	+20 24.4	1.913	2.853	7.7	20.1
11 17	4 15.34	+19 59.9	1.877	2.854	3.7	19.9
11 27	4 6.03	+19 32.4	1.869	2.855	0.7	19.7
12 7	3 56.93	+19 4.9	1.891	2.856	4.8	20.0
12 17	3 49.05	+18 40.6	1.940	2.857	8.7	20.2
12 27	3 43.18	+18 22.7	2.016	2.858	12.1	20.4

178966 2001 QY_{221} 11 25.9 22°.53 2°.0/24.9 18

10 18	4 32.62	+19 17.0	1.618	2.430	16.8	19.7
10 28	4 29.26	+18 28.7	1.546	2.435	13.2	19.4
11 7	4 23.18	+17 33.5	1.495	2.440	8.9	19.2
11 17	4 15.08	+16 34.4	1.469	2.446	4.4	19.0
11 27	4 6.09	+15 36.1	1.469	2.453	2.3	18.8
12 7	3 57.45	+14 43.9	1.497	2.460	6.2	19.1
12 17	3 50.32	+14 2.5	1.552	2.468	10.6	19.4
12 27	3 45.55	+13 35.3	1.630	2.476	14.3	19.6

102236 1999 TO_{21} 11 25.9 172°.71 5°.0/24.0 18

10 18	4 38.15	+10 54.3	1.654	2.455	16.9	20.2
10 28	4 33.50	+10 6.7	1.578	2.457	13.5	20.0
11 7	4 26.05	+ 9 20.0	1.523	2.459	9.7	19.8
11 17	4 16.49	+ 8 38.4	1.492	2.460	6.1	19.6
11 27	4 5.91	+ 8 6.8	1.490	2.461	5.2	19.6
12 7	3 55.61	+ 7 49.2	1.515	2.461	8.1	19.7
12 17	3 46.81	+ 7 47.8	1.566	2.461	11.9	20.0
12 27	3 40.43	+ 8 3.0	1.640	2.461	15.5	20.2

265982 2006 DH_{36} 11 25.9 342°.83 3°.8/24.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 30.88	+12 44.6	1.999	2.803	14.3	20.5
10 28	4 27.40	+12 0.0	1.916	2.799	11.3	20.2
11 7	4 21.71	+11 14.5	1.856	2.795	8.0	20.0
11 17	4 14.35	+10 31.7	1.820	2.791	4.8	19.8
11 27	4 6.18	+ 9 55.3	1.813	2.788	4.0	19.8
12 7	3 58.19	+ 9 29.0	1.834	2.785	6.6	19.9
12 17	3 51.31	+ 9 15.4	1.882	2.782	10.0	20.1
12 27	3 46.30	+ 9 15.6	1.954	2.780	13.2	20.3

26326 1998 VD_{36} 11 25.9 71°.89 1°.8/25.3 18

10 18	4 40.67	+17 45.8	1.440	2.246	18.8	18.6
10 28	4 35.61	+17 29.5	1.387	2.271	14.7	18.4
11 7	4 27.44	+17 10.0	1.353	2.296	9.9	18.2
11 17	4 17.07	+16 48.9	1.344	2.321	4.8	18.0
11 27	4 5.86	+16 28.8	1.362	2.346	2.0	17.9
12 7	3 55.30	+16 13.2	1.407	2.371	6.4	18.2
12 17	3 46.68	+16 5.1	1.479	2.395	10.9	18.5
12 27	3 40.84	+16 6.7	1.574	2.420	14.8	18.8

240763 2005 LL_{38} 11 25.9 133°.76 1°.7/24.7 17

10 18	4 30.75	+17 53.3	2.779	3.563	11.2	20.9
10 28	4 26.57	+17 7.9	2.694	3.567	8.8	20.7
11 7	4 20.76	+16 18.6	2.633	3.571	6.0	20.5
11 17	4 13.77	+15 27.6	2.600	3.575	3.0	20.4
11 27	4 6.26	+14 37.6	2.597	3.579	1.8	20.3
12 7	3 58.95	+13 51.6	2.626	3.583	4.3	20.5
12 17	3 52.49	+13 12.4	2.684	3.587	7.2	20.6
12 27	3 47.44	+12 42.2	2.768	3.591	9.8	20.8

412391 2013 RM_{78} 11 25.9 207°.75 5°.4/29.0 17

10 18	4 38.35	+40 25.6	2.951	3.656	12.3	21.6
10 28	4 33.06	+41 4.9	2.851	3.652	10.5	21.5
11 7	4 25.51	+41 32.8	2.773	3.647	8.4	21.3
11 17	4 16.19	+41 45.8	2.720	3.641	6.5	21.2
11 27	4 5.95	+41 41.8	2.695	3.635	5.5	21.1
12 7	3 55.78	+41 21.2	2.700	3.629	6.0	21.1
12 17	3 46.66	+40 46.5	2.733	3.623	7.6	21.2
12 27	3 39.41	+40 2.4	2.792	3.616	9.7	21.4

226570 2003 WL_{193} 11 25.9 109°.46 4°.2/27.9 18

10 18	4 38.49	+34 6.5	2.537	3.276	13.3	21.1
10 28	4 33.15	+34 43.0	2.457	3.290	10.9	20.9
11 7	4 25.51	+35 9.3	2.399	3.304	8.3	20.8
11 17	4 16.15	+35 22.6	2.368	3.317	5.7	20.6
11 27	4 5.96	+35 21.5	2.365	3.330	4.2	20.6
12 7	3 56.00	+35 6.9	2.392	3.343	5.2	20.6
12 17	3 47.24	+34 41.9	2.448	3.355	7.6	20.8
12 27	3 40.46	+34 10.9	2.530	3.367	10.1	21.0

454244 2013 LJ_{10} 11 25.9 97°.00 0°.9/25.5 18

10 18	4 36.23	+17 17.5	2.335	3.117	13.2	21.1
10 28	4 31.18	+17 28.2	2.259	3.130	10.3	20.9
11 7	4 24.06	+17 37.9	2.206	3.143	7.0	20.7
11 17	4 15.41	+17 46.8	2.179	3.156	3.4	20.5
11 27	4 6.06	+17 55.4	2.183	3.169	1.1	20.4
12 7	3 56.94	+18 4.7	2.217	3.181	4.4	20.6
12 17	3 48.90	+18 16.2	2.281	3.193	7.8	20.9
12 27	3 42.66	+18 31.2	2.371	3.206	10.8	21.1

167433 2003 WW_{169} 11 25.9 346°.84 9°.5/21.3 18

10 18	4 30.71	+ 2 55.3	1.524	2.338	17.5	19.4
10 28	4 27.86	+ 1 13.1	1.456	2.333	14.6	19.2
11 7	4 22.31	− 0 23.4	1.408	2.328	11.7	19.0
11 17	4 14.72	− 1 45.3	1.384	2.324	9.8	18.9
11 27	4 6.15	− 2 44.0	1.384	2.321	9.9	18.9
12 7	3 57.82	− 3 13.8	1.409	2.318	12.0	19.0
12 17	3 50.91	− 3 13.2	1.456	2.316	15.0	19.2
12 27	3 46.30	− 2 44.4	1.523	2.314	17.9	19.4

7733 1979 MH_{4} 11 25.9 115°.25 1°.8/25.1 18

10 18	4 38.91	+18 23.9	1.733	2.528	16.5	20.1
10 28	4 33.89	+17 52.3	1.664	2.543	12.9	19.9
11 7	4 26.17	+17 16.0	1.616	2.557	8.8	19.7
11 17	4 16.48	+16 37.1	1.593	2.570	4.3	19.4
11 27	4 5.94	+15 58.8	1.599	2.583	2.0	19.3
12 7	3 55.84	+15 25.0	1.634	2.596	5.9	19.6
12 17	3 47.29	+14 59.5	1.696	2.608	10.1	19.9
12 27	3 41.15	+14 44.9	1.783	2.620	13.7	20.1

385738 2005 VA_{114} 11 25.9 289°.87 0°.2/25.9 18

10 18	4 35.92	+22 29.1	1.587	2.390	17.4	21.3
10 28	4 32.39	+22 21.4	1.493	2.376	13.9	21.0
11 7	4 25.74	+22 5.9	1.419	2.361	9.6	20.8
11 17	4 16.53	+21 42.6	1.369	2.347	4.7	20.4
11 27	4 5.91	+21 12.9	1.346	2.332	0.6	20.1
12 7	3 55.34	+20 40.2	1.350	2.318	5.9	20.4
12 17	3 46.27	+20 9.3	1.380	2.303	10.9	20.7
12 27	3 39.87	+19 45.3	1.434	2.289	15.4	20.9

519419 2011 UU_{270} 11 25.9 341°.07 6°.0/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 32.02	+ 8 31.3	1.525	2.342	17.3	20.5
10 28	4 29.04	+ 7 51.1	1.447	2.334	14.0	20.2
11 7	4 23.25	+ 7 14.6	1.388	2.326	10.3	20.0
11 17	4 15.24	+ 6 46.9	1.354	2.319	6.9	19.8
11 27	4 6.09	+ 6 32.9	1.344	2.312	6.2	19.7
12 7	3 57.12	+ 6 36.2	1.361	2.307	8.9	19.9
12 17	3 49.56	+ 6 58.0	1.402	2.302	12.7	20.1
12 27	3 44.41	+ 7 37.4	1.465	2.298	16.4	20.3

330130 2005 YO_{84} 11 25.9 76°.66 3°.3/24.7 18

10 18	4 34.62	+11 8.7	2.144	2.935	13.9	20.1
10 28	4 30.10	+10 58.9	2.066	2.941	11.0	19.9
11 7	4 23.42	+10 51.4	2.010	2.946	7.7	19.7
11 17	4 15.15	+10 48.4	1.981	2.951	4.5	19.5
11 27	4 6.12	+10 51.8	1.980	2.956	3.4	19.5
12 7	3 57.29	+11 3.1	2.009	2.961	5.9	19.6
12 17	3 49.57	+11 23.0	2.066	2.967	9.2	19.8
12 27	3 43.68	+11 51.9	2.148	2.972	12.2	20.1

305054 2007 UY_{60} 11 25.9 15°.95 0°.9/25.6 18

10 18	4 33.28	+20 36.1	1.460	2.277	18.0	20.2
10 28	4 30.19	+20 17.4	1.390	2.280	14.2	20.0
11 7	4 24.06	+19 52.1	1.339	2.285	9.7	19.8
11 17	4 15.61	+19 21.4	1.311	2.290	4.6	19.5
11 27	4 6.07	+18 48.4	1.310	2.296	1.1	19.3
12 7	3 56.90	+18 17.2	1.335	2.303	6.1	19.6
12 17	3 49.38	+17 52.2	1.386	2.310	10.8	19.9
12 27	3 44.51	+17 37.0	1.460	2.318	15.0	20.2

222912 2002 JB_{54} 11 25.9 130°.98 2°.5/27.1 18

10 18	4 38.59	+28 39.4	2.776	3.525	12.1	21.2
10 28	4 32.91	+29 14.2	2.692	3.538	9.7	21.0
11 7	4 25.21	+29 42.4	2.632	3.550	7.0	20.9
11 17	4 15.99	+30 2.1	2.599	3.563	4.2	20.7
11 27	4 6.03	+30 12.3	2.597	3.574	2.5	20.6
12 7	3 56.23	+30 13.5	2.626	3.586	4.1	20.7
12 17	3 47.44	+30 7.8	2.685	3.597	6.8	20.9
12 27	3 40.37	+29 58.2	2.772	3.607	9.4	21.1

37774 1997 GC_{25} 11 25.9 188°.17 0°.1/25.8 18

10 18	4 34.15	+21 43.1	2.719	3.492	11.7	21.3
10 28	4 29.40	+21 31.7	2.625	3.491	9.2	21.1
11 7	4 22.80	+21 15.6	2.555	3.490	6.3	20.9
11 17	4 14.82	+20 55.2	2.512	3.488	3.0	20.7
11 27	4 6.19	+20 31.8	2.500	3.486	0.4	20.5
12 7	3 57.69	+20 7.2	2.519	3.484	3.8	20.8
12 17	3 50.09	+19 44.1	2.567	3.481	7.0	21.0
12 27	3 44.04	+19 24.9	2.643	3.478	9.8	21.2

294731 2008 BL_{47} 11 25.9 312°.09 3°.4/24.5 18

10 18	4 32.21	+14 37.6	1.736	2.546	15.9	20.3
10 28	4 29.02	+14 1.5	1.642	2.529	12.6	20.0
11 7	4 23.18	+13 22.9	1.569	2.512	8.8	19.8
11 17	4 15.22	+12 44.8	1.521	2.496	4.9	19.5
11 27	4 6.12	+12 11.2	1.500	2.479	3.6	19.4
12 7	3 57.08	+11 46.3	1.506	2.464	6.9	19.6
12 17	3 49.27	+11 33.3	1.539	2.448	11.1	19.8
12 27	3 43.68	+11 34.4	1.595	2.434	15.0	20.0

176645 2002 NE_{19} 11 25.9 149°.39 5°.2/24.0 18

10 18	4 38.85	+ 9 31.1	1.732	2.527	16.5	20.5
10 28	4 33.85	+ 8 47.3	1.660	2.535	13.2	20.3
11 7	4 26.18	+ 8 6.0	1.609	2.542	9.5	20.1
11 17	4 16.54	+ 7 31.4	1.584	2.548	6.2	19.9
11 27	4 5.98	+ 7 7.9	1.586	2.554	5.4	19.9
12 7	3 55.75	+ 6 58.6	1.616	2.560	8.0	20.0
12 17	3 46.99	+ 7 5.2	1.673	2.564	11.6	20.3
12 27	3 40.54	+ 7 27.4	1.753	2.569	14.9	20.5

323557 2004 TK_{37} 11 25.9 335°.47 3°.4/27.2 17

10 18	4 36.52	+29 27.0	2.084	2.854	14.9	20.6
10 28	4 32.20	+30 5.1	1.994	2.851	12.1	20.4
11 7	4 25.23	+30 35.1	1.925	2.848	8.8	20.2
11 17	4 16.18	+30 54.2	1.882	2.845	5.5	20.0
11 27	4 6.02	+31 0.7	1.866	2.843	3.5	19.9
12 7	3 55.95	+30 55.2	1.879	2.841	5.3	20.0
12 17	3 47.14	+30 40.5	1.921	2.839	8.7	20.2
12 27	3 40.56	+30 21.2	1.988	2.837	12.0	20.4

307503 2002 YL_{8} 11 25.9 344°.98 2°.1/25.3 17

10 18	4 28.52	+16 37.4	1.244	2.083	19.2	19.6
10 28	4 27.20	+16 35.1	1.162	2.066	15.3	19.3
11 7	4 22.55	+16 31.4	1.099	2.050	10.6	19.0
11 17	4 15.13	+16 28.0	1.057	2.036	5.4	18.7
11 27	4 6.14	+16 27.6	1.039	2.023	2.4	18.5
12 7	3 57.21	+16 32.9	1.045	2.013	7.2	18.7
12 17	3 49.91	+16 46.5	1.074	2.004	12.6	19.0
12 27	3 45.54	+17 10.5	1.125	1.997	17.4	19.3

195738 2002 PV_{92} 11 25.9 146°.10 1°.7/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 32.37	+17 47.1	2.813	3.592	11.2	20.6
10 28	4 27.78	+16 59.2	2.729	3.600	8.8	20.5
11 7	4 21.56	+16 7.6	2.670	3.607	6.0	20.3
11 17	4 14.18	+15 14.2	2.639	3.614	3.1	20.1
11 27	4 6.30	+14 22.0	2.639	3.621	1.9	20.0
12 7	3 58.63	+13 33.9	2.670	3.627	4.3	20.2
12 17	3 51.84	+12 52.8	2.732	3.633	7.2	20.4
12 27	3 46.47	+12 20.8	2.820	3.639	9.8	20.6

134508 1999 CA_{147} 11 25.9 5°.46 6°.2/28.2 18

10 18	4 35.23	+34 29.3	1.508	2.292	19.0	18.8
10 28	4 32.31	+35 13.8	1.433	2.292	15.8	18.5
11 7	4 25.89	+35 43.3	1.376	2.293	12.1	18.3
11 17	4 16.65	+35 52.7	1.340	2.295	8.4	18.1
11 27	4 5.97	+35 39.1	1.329	2.298	6.2	18.0
12 7	3 55.59	+35 4.4	1.344	2.301	7.6	18.1
12 17	3 47.10	+34 14.5	1.384	2.306	11.1	18.3
12 27	3 41.69	+33 18.1	1.448	2.312	14.7	18.5

247068 2000 RJ_{28} 11 25.9 65°.70 4°.3/27.5 17

10 18	4 45.16	+30 38.2	1.235	2.029	21.9	20.0
10 28	4 40.04	+31 2.6	1.187	2.057	17.6	19.8
11 7	4 30.92	+31 11.1	1.156	2.085	12.7	19.6
11 17	4 18.87	+30 59.6	1.146	2.114	7.6	19.4
11 27	4 5.74	+30 27.8	1.162	2.142	4.3	19.3
12 7	3 53.57	+29 40.5	1.204	2.170	7.0	19.5
12 17	3 44.01	+28 46.0	1.272	2.197	11.5	19.8
12 27	3 38.05	+27 53.5	1.362	2.225	15.6	20.2

283175 2009 JU_{10} 11 25.9 158°.29 4°.9/23.6 18

10 18	4 34.29	+ 7 51.6	2.245	3.032	13.5	21.2
10 28	4 29.69	+ 7 7.2	2.167	3.036	10.8	21.1
11 7	4 23.08	+ 6 25.8	2.113	3.040	7.9	20.9
11 17	4 14.98	+ 5 50.9	2.085	3.044	5.5	20.8
11 27	4 6.21	+ 5 26.1	2.086	3.047	5.0	20.7
12 7	3 57.64	+ 5 14.1	2.115	3.050	7.0	20.9
12 17	3 50.13	+ 5 16.1	2.173	3.053	9.8	21.0
12 27	3 44.35	+ 5 32.2	2.255	3.055	12.5	21.2

307952 2004 GD_{1} 11 25.9 306°.42 1°.9/25.0 17

10 18	4 32.63	+19 30.3	1.688	2.497	16.3	20.5
10 28	4 29.64	+18 48.0	1.582	2.469	13.0	20.2
11 7	4 23.81	+17 57.2	1.497	2.441	9.0	19.9
11 17	4 15.64	+16 59.9	1.436	2.414	4.5	19.6
11 27	4 6.10	+16 0.0	1.402	2.386	2.2	19.4
12 7	3 56.51	+15 3.0	1.396	2.359	6.5	19.6
12 17	3 48.18	+14 14.6	1.416	2.332	11.3	19.8
12 27	3 42.21	+13 39.9	1.459	2.306	15.7	20.0

42471 1981 ES_{16} 11 25.9 170°.51 1°.5/26.6 18

10 18	4 38.22	+26 18.1	2.157	2.928	14.4	20.8
10 28	4 33.17	+26 17.4	2.069	2.931	11.5	20.6
11 7	4 25.66	+26 8.4	2.003	2.934	8.1	20.4
11 17	4 16.30	+25 50.2	1.963	2.936	4.3	20.2
11 27	4 6.04	+25 23.3	1.953	2.937	1.5	20.0
12 7	3 56.01	+24 50.2	1.972	2.939	4.6	20.2
12 17	3 47.25	+24 14.7	2.021	2.939	8.3	20.4
12 27	3 40.61	+23 41.3	2.096	2.940	11.7	20.7

200103 1995 QP_{16} 11 25.9 127°.62 3°.2/24.4 18

10 18	4 37.08	+14 10.7	2.042	2.831	14.5	20.2
10 28	4 32.02	+13 27.3	1.970	2.845	11.4	20.0
11 7	4 24.69	+12 42.5	1.922	2.858	7.9	19.9
11 17	4 15.75	+11 59.2	1.900	2.871	4.5	19.7
11 27	4 6.12	+11 21.0	1.907	2.884	3.4	19.6
12 7	3 56.84	+10 51.3	1.943	2.896	6.1	19.8
12 17	3 48.82	+10 32.6	2.008	2.907	9.5	20.1
12 27	3 42.80	+10 26.4	2.098	2.918	12.6	20.3

352717 2008 SR_{211} 11 25.9 353°.52 4°.4/27.4 18

10 18	4 22.72	+29 34.0	0.974	1.823	22.6	19.0
10 28	4 23.73	+29 55.3	0.904	1.809	18.5	18.7
11 7	4 20.77	+29 58.7	0.850	1.797	13.5	18.4
11 17	4 14.43	+29 40.6	0.815	1.789	8.1	18.1
11 27	4 6.26	+29 0.7	0.800	1.782	4.4	17.9
12 7	3 58.34	+28 4.1	0.807	1.779	7.7	18.0
12 17	3 52.63	+26 59.9	0.835	1.778	13.2	18.3
12 27	3 50.53	+25 58.9	0.882	1.781	18.3	18.6

333020 2011 QC_{62} 11 25.9 273°.33 0°.7/26.2 18

10 18	4 35.81	+24 20.3	1.814	2.605	16.0	21.0
10 28	4 31.75	+24 7.7	1.728	2.603	12.7	20.8
11 7	4 24.95	+23 46.3	1.662	2.600	8.8	20.6
11 17	4 16.04	+23 16.1	1.622	2.598	4.4	20.3
11 27	4 6.08	+22 38.7	1.609	2.596	0.8	20.0
12 7	3 56.35	+21 57.5	1.625	2.593	5.1	20.4
12 17	3 48.03	+21 17.2	1.669	2.591	9.5	20.6
12 27	3 42.07	+20 42.7	1.737	2.589	13.3	20.8

518757 2009 TL_5 11 25.9 108°.98 2°.4/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 33.46	+15 36.7	2.411	3.197	12.6	21.6
10 28	4 28.86	+14 53.4	2.338	3.212	9.9	21.4
11 7	4 22.40	+14 7.9	2.288	3.226	6.8	21.2
11 17	4 14.61	+13 22.7	2.266	3.240	3.7	21.1
11 27	4 6.27	+12 40.7	2.274	3.253	2.6	21.0
12 7	3 58.22	+12 5.1	2.312	3.266	5.1	21.2
12 17	3 51.19	+11 38.3	2.379	3.279	8.2	21.4
12 27	3 45.82	+11 22.0	2.472	3.292	10.9	21.6

300687 2007 VY_{43} 11 25.9 20°.96 2°.7/27.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 35.99	+28 47.6	1.684	2.472	17.2	20.4
10 28	4 32.19	+28 50.2	1.604	2.474	13.8	20.2
11 7	4 25.39	+28 41.0	1.544	2.476	9.9	20.0
11 17	4 16.28	+28 18.0	1.508	2.479	5.6	19.7
11 27	4 6.06	+27 41.8	1.499	2.482	2.7	19.5
12 7	3 56.15	+26 55.9	1.518	2.485	5.5	19.7
12 17	3 47.86	+26 5.7	1.564	2.489	9.8	20.0
12 27	3 42.18	+25 17.8	1.634	2.493	13.6	20.2

163776 2003 QL_9 11 25.9 27°.65 1°.5/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 35.56	+25 56.9	1.509	2.311	18.2	19.9
10 28	4 32.04	+25 52.7	1.436	2.317	14.5	19.6
11 7	4 25.37	+25 37.8	1.383	2.322	10.1	19.4
11 17	4 16.29	+25 11.3	1.353	2.329	5.2	19.1
11 27	4 6.07	+24 34.6	1.350	2.335	1.6	18.9
12 7	3 56.24	+23 51.9	1.373	2.342	5.7	19.2
12 17	3 48.16	+23 8.7	1.423	2.350	10.4	19.5
12 27	3 42.83	+22 31.0	1.496	2.358	14.5	19.8

108373 2001 KN_{19} 11 25.9 136°.93 1°.0/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 40.48	+18 26.3	1.737	2.528	16.6	20.4
10 28	4 35.33	+18 27.3	1.661	2.537	13.1	20.2
11 7	4 27.33	+18 25.4	1.606	2.545	8.9	20.0
11 17	4 17.17	+18 21.1	1.576	2.553	4.3	19.7
11 27	4 5.97	+18 15.6	1.575	2.561	1.2	19.5
12 7	3 55.08	+18 10.8	1.603	2.568	5.6	19.8
12 17	3 45.73	+18 9.5	1.658	2.574	10.0	20.1
12 27	3 38.86	+18 14.2	1.739	2.580	13.8	20.3

354476 2004 CS_{128} 11 25.9 65°.68 7°.1/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 41.30	+39 7.7	1.837	2.578	17.6	20.2
10 28	4 36.53	+39 59.2	1.765	2.591	14.8	20.0
11 7	4 28.44	+40 34.5	1.713	2.604	11.8	19.9
11 17	4 17.78	+40 48.0	1.684	2.618	8.9	19.7
11 27	4 5.90	+40 36.5	1.680	2.631	7.2	19.7
12 7	3 54.43	+40 1.6	1.704	2.644	7.9	19.7
12 17	3 44.83	+39 8.8	1.753	2.658	10.3	19.9
12 27	3 38.16	+38 6.5	1.828	2.671	13.1	20.1

111224 2001 WZ_{42} 11 25.9 83°.47 0°.8/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 35.62	+19 8.3	1.967	2.759	14.9	20.0
10 28	4 31.19	+19 2.3	1.889	2.766	11.7	19.8
11 7	4 24.34	+18 52.9	1.833	2.773	8.0	19.6
11 17	4 15.68	+18 40.6	1.803	2.780	3.8	19.4
11 27	4 6.17	+18 27.1	1.801	2.787	1.1	19.2
12 7	3 56.91	+18 14.6	1.829	2.794	5.0	19.5
12 17	3 48.92	+18 5.8	1.884	2.801	8.9	19.7
12 27	3 43.03	+18 3.0	1.965	2.808	12.4	19.9

255144 2005 UD_{155} 11 25.9 49°.02 0°.1/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 34.54	+21 50.5	1.847	2.643	15.6	20.5
10 28	4 30.47	+21 38.0	1.777	2.656	12.2	20.3
11 7	4 23.88	+21 19.3	1.727	2.668	8.3	20.1
11 17	4 15.45	+20 55.2	1.703	2.681	4.0	19.9
11 27	4 6.20	+20 27.4	1.707	2.693	0.5	19.6
12 7	3 57.30	+19 59.2	1.739	2.707	4.9	20.0
12 17	3 49.80	+19 34.0	1.800	2.720	9.0	20.3
12 27	3 44.49	+19 15.4	1.885	2.734	12.5	20.5

306593 2000 GQ_{116} 11 25.9 231°.35 1°.5/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 37.08	+25 26.9	2.195	2.969	14.1	21.9
10 28	4 32.39	+25 36.5	2.097	2.961	11.3	21.7
11 7	4 25.25	+25 39.3	2.020	2.952	7.9	21.4
11 17	4 16.19	+25 34.0	1.970	2.943	4.2	21.2
11 27	4 6.10	+25 20.8	1.949	2.934	1.5	21.0
12 7	3 56.09	+25 1.1	1.958	2.924	4.6	21.2
12 17	3 47.22	+24 38.2	1.995	2.914	8.4	21.4
12 27	3 40.40	+24 16.0	2.059	2.904	11.8	21.6

25743 Serrato 11 25.9 212°.38 6°.8/22.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 31.89	+ 0 18.5	2.467	3.242	12.7	17.7
10 28	4 27.68	− 0 37.3	2.389	3.239	10.6	17.5
11 7	4 21.67	− 1 26.2	2.333	3.236	8.5	17.4
11 17	4 14.33	− 2 3.7	2.303	3.233	7.1	17.3
11 27	4 6.35	− 2 25.9	2.301	3.229	7.0	17.3
12 7	3 58.51	− 2 30.3	2.326	3.225	8.4	17.4
12 17	3 51.57	− 2 16.3	2.378	3.221	10.5	17.5
12 27	3 46.14	− 1 45.2	2.453	3.217	12.6	17.6

482278 2011 SS_{122} 11 25.9 350°.04 0°.1/25.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 32.47	+20 36.2	1.403	2.223	18.4	20.5
10 28	4 29.94	+20 44.6	1.323	2.216	14.6	20.3
11 7	4 24.20	+20 48.4	1.263	2.209	10.1	20.0
11 17	4 15.87	+20 47.4	1.225	2.204	4.9	19.7
11 27	4 6.15	+20 42.7	1.213	2.200	0.6	19.3
12 7	3 56.60	+20 36.5	1.227	2.196	6.1	19.7
12 17	3 48.69	+20 32.3	1.266	2.194	11.2	20.0
12 27	3 43.56	+20 33.8	1.327	2.193	15.7	20.3

428470 2007 UG_{96} 11 25.9 10°.25 0°.8/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 35.03	+22 36.8	1.065	1.900	22.0	20.7
10 28	4 32.83	+22 45.9	1.001	1.901	17.6	20.4
11 7	4 26.60	+22 46.8	0.954	1.903	12.1	20.1
11 17	4 17.12	+22 38.5	0.927	1.906	6.0	19.8
11 27	4 6.01	+22 21.9	0.924	1.910	1.0	19.5
12 7	3 55.33	+22 0.9	0.944	1.915	7.1	19.9
12 17	3 46.93	+21 41.1	0.988	1.922	12.9	20.3
12 27	3 42.10	+21 28.4	1.052	1.929	18.0	20.6

137275 1999 RP_{160} 11 25.9 93°.93 5°.0/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 39.23	+11 8.2	1.482	2.289	18.3	19.7
10 28	4 34.47	+10 24.5	1.422	2.304	14.5	19.5
11 7	4 26.75	+ 9 42.8	1.382	2.320	10.3	19.3
11 17	4 16.87	+ 9 7.4	1.366	2.335	6.3	19.1
11 27	4 6.07	+ 8 42.9	1.376	2.350	5.2	19.1
12 7	3 55.77	+ 8 32.9	1.414	2.364	8.2	19.3
12 17	3 47.22	+ 8 38.8	1.478	2.378	12.1	19.6
12 27	3 41.29	+ 9 0.6	1.564	2.392	15.7	19.8

85237 1993 NE_2 11 25.9 72°.19 2°.1/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 40.18	+27 48.3	1.509	2.300	18.7	19.6
10 28	4 35.46	+27 39.0	1.448	2.320	14.9	19.4
11 7	4 27.52	+27 17.0	1.406	2.341	10.4	19.2
11 17	4 17.24	+26 41.3	1.388	2.361	5.6	18.9
11 27	4 6.03	+25 53.7	1.397	2.381	2.1	18.8
12 7	3 55.46	+24 59.1	1.433	2.401	5.6	19.0
12 17	3 46.86	+24 3.9	1.497	2.422	10.1	19.3
12 27	3 41.12	+23 14.8	1.584	2.441	14.1	19.6

201597 2003 SV_{151} 11 25.9 48°.02 0°.9/25.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 37.17	+18 33.5	1.606	2.410	17.2	20.1
10 28	4 32.98	+18 38.9	1.534	2.417	13.6	19.9
11 7	4 25.87	+18 41.7	1.482	2.425	9.3	19.7
11 17	4 16.53	+18 42.2	1.455	2.433	4.5	19.4
11 27	4 6.13	+18 41.5	1.455	2.441	1.1	19.2
12 7	3 56.03	+18 41.5	1.483	2.450	5.7	19.6
12 17	3 47.52	+18 44.8	1.538	2.459	10.3	19.8
12 27	3 41.55	+18 53.7	1.617	2.468	14.2	20.1

496213 2011 UR_{201} 11 25.9 61°.01 2°.1/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 34.23	+17 42.9	1.861	2.661	15.3	21.6
10 28	4 30.23	+17 4.8	1.783	2.665	12.1	21.4
11 7	4 23.75	+16 22.2	1.726	2.668	8.2	21.2
11 17	4 15.44	+15 37.6	1.695	2.671	4.2	21.0
11 27	4 6.27	+14 54.4	1.692	2.675	2.3	20.8
12 7	3 57.38	+14 16.8	1.718	2.678	5.8	21.1
12 17	3 49.80	+13 48.3	1.771	2.682	9.8	21.3
12 27	3 44.34	+13 31.4	1.848	2.686	13.3	21.6

523400 2017 DX_{104} 11 25.9 80°.17 0°.0/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 35.84	+20 49.5	2.159	2.943	14.0	20.6
10 28	4 31.16	+20 57.3	2.083	2.955	11.0	20.4
11 7	4 24.22	+21 1.3	2.029	2.967	7.5	20.2
11 17	4 15.63	+21 1.5	2.002	2.978	3.6	20.0
11 27	4 6.26	+20 58.3	2.004	2.990	0.4	19.8
12 7	3 57.13	+20 53.6	2.035	3.002	4.4	20.1
12 17	3 49.20	+20 49.4	2.096	3.013	8.1	20.4
12 27	3 43.22	+20 48.2	2.182	3.025	11.3	20.6

461365 2000 JF_1 11 25.9 109°.51 1°.0/26.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 49.59	+23 15.1	1.953	2.713	16.1	23.6
10 28	4 41.88	+23 34.0	1.891	2.748	12.7	23.4
11 7	4 31.42	+23 46.6	1.852	2.781	8.7	23.3
11 17	4 19.01	+23 51.4	1.840	2.814	4.3	23.1
11 27	4 5.87	+23 48.1	1.859	2.844	1.0	22.9
12 7	3 53.31	+23 38.7	1.909	2.874	4.8	23.2
12 17	3 42.51	+23 26.3	1.989	2.902	8.8	23.5
12 27	3 34.27	+23 15.2	2.096	2.928	12.1	23.8

38451 1999 TU 11 25.9 96°.59 0°.7/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 39.26	+23 33.0	1.856	2.640	16.0	19.4
10 28	4 34.16	+23 33.5	1.787	2.658	12.6	19.2
11 7	4 26.40	+23 27.0	1.739	2.675	8.6	19.0
11 17	4 16.69	+23 13.2	1.716	2.692	4.3	18.8
11 27	4 6.14	+22 52.9	1.723	2.709	0.8	18.6
12 7	3 56.00	+22 29.0	1.758	2.725	4.9	18.9
12 17	3 47.38	+22 5.1	1.822	2.741	9.0	19.2
12 27	3 41.11	+21 45.2	1.911	2.757	12.5	19.5

159524 2001 FO_{96} 11 25.9 213°.64 4°.2/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 32.57	+ 8 40.8	2.423	3.210	12.6	20.2
10 28	4 28.31	+ 8 10.3	2.338	3.207	10.1	20.0
11 7	4 22.16	+ 7 42.5	2.276	3.205	7.3	19.8
11 17	4 14.62	+ 7 20.1	2.241	3.203	4.9	19.7
11 27	4 6.39	+ 7 6.0	2.234	3.200	4.3	19.7
12 7	3 58.29	+ 7 2.3	2.257	3.198	6.3	19.8
12 17	3 51.12	+ 7 10.2	2.308	3.195	9.0	19.9
12 27	3 45.53	+ 7 29.8	2.384	3.192	11.7	20.1

191520 2003 UE_{148} 11 25.9 111°.08 1°.2/25.3 18

10 18	4 33.00	+18 23.9	2.410	3.196	12.7	20.8
10 28	4 28.68	+18 5.2	2.327	3.201	9.9	20.6
11 7	4 22.42	+17 43.3	2.268	3.207	6.7	20.4
11 17	4 14.73	+17 19.5	2.236	3.213	3.3	20.2
11 27	4 6.38	+16 55.7	2.234	3.218	1.3	20.1
12 7	3 58.23	+16 34.1	2.261	3.224	4.4	20.3
12 17	3 51.08	+16 17.3	2.317	3.229	7.8	20.5
12 27	3 45.60	+16 7.1	2.400	3.234	10.7	20.7

39434 1202 $T\text{-}_3$ 11 25.9 87°.71 4°.1/27.5 18

10 18	4 40.67	+30 44.5	1.408	2.198	19.9	18.9
10 28	4 36.62	+31 2.8	1.334	2.202	16.2	18.7
11 7	4 28.84	+31 6.7	1.277	2.206	11.8	18.5
11 17	4 18.12	+30 52.4	1.243	2.210	7.1	18.2
11 27	4 5.96	+30 18.8	1.235	2.214	4.1	18.1
12 7	3 54.22	+29 29.3	1.253	2.218	6.7	18.2
12 17	3 44.56	+28 31.3	1.297	2.222	11.3	18.5
12 27	3 38.18	+27 33.8	1.364	2.226	15.6	18.8

452307 Manawydan 11 25.9 304°.80 2°.5/24.2 16

10 18	4 59.75	+39 15.0	1.048	1.815	26.7	20.9
10 28	4 54.28	+35 41.1	0.914	1.773	22.6	20.4
11 7	4 42.62	+30 31.9	0.799	1.732	16.4	19.9
11 17	4 25.43	+23 25.6	0.713	1.689	8.0	19.3
11 27	4 5.04	+14 33.8	0.663	1.647	4.0	18.9
12 7	3 44.88	+ 5 3.1	0.656	1.605	14.7	19.2
12 17	3 28.12	− 3 34.6	0.686	1.564	24.8	19.6
12 27	3 16.74	−10 22.7	0.743	1.523	32.7	19.9

93843 2000 WS_{89} 11 25.9 349°.32 0°.3/26.1 18

10 18	4 34.15	+22 15.6	1.932	2.725	15.1	19.4
10 28	4 30.30	+22 17.8	1.846	2.723	12.0	19.2
11 7	4 23.92	+22 14.5	1.782	2.721	8.2	19.0
11 17	4 15.59	+22 5.5	1.742	2.719	4.0	18.7
11 27	4 6.28	+21 51.7	1.731	2.718	0.5	18.5
12 7	3 57.14	+21 35.4	1.749	2.717	4.8	18.8
12 17	3 49.25	+21 19.5	1.794	2.716	9.0	19.0
12 27	3 43.51	+21 7.6	1.864	2.715	12.6	19.3

439918 2001 QX_{115} 11 25.9 43°.94 7°.6/29.8 17

10 18	4 42.23	+39 56.0	1.505	2.260	20.3	20.4
10 28	4 37.54	+40 32.3	1.456	2.290	17.0	20.2
11 7	4 29.13	+40 47.0	1.424	2.321	13.3	20.1
11 17	4 18.06	+40 34.9	1.415	2.353	9.8	20.0
11 27	4 6.01	+39 54.7	1.429	2.385	7.7	19.9
12 7	3 54.86	+38 50.6	1.470	2.417	8.3	20.0
12 17	3 46.08	+37 31.3	1.537	2.449	10.9	20.3
12 27	3 40.62	+36 7.4	1.627	2.482	13.9	20.5

159802 2003 RN_{17} 11 25.9 15°.37 4°.3/23.5 18

10 18	4 29.76	+15 5.7	1.644	2.462	16.2	18.8
10 28	4 26.91	+13 40.5	1.577	2.469	12.8	18.6
11 7	4 21.55	+12 10.8	1.532	2.476	8.9	18.4
11 17	4 14.39	+10 42.2	1.513	2.485	5.4	18.2
11 27	4 6.44	+ 9 21.6	1.520	2.494	4.7	18.2
12 7	3 58.87	+ 8 15.4	1.554	2.504	7.6	18.4
12 17	3 52.68	+ 7 28.0	1.615	2.515	11.3	18.6
12 27	3 48.64	+ 7 1.0	1.698	2.527	14.7	18.9

180242 2003 UE_{247} 11 25.9 43°.89 1°.2/25.6 18

10 18	4 36.50	+18 14.7	1.594	2.400	17.2	19.9
10 28	4 32.45	+18 14.1	1.524	2.409	13.6	19.7
11 7	4 25.51	+18 10.9	1.475	2.418	9.2	19.5
11 17	4 16.37	+18 5.6	1.449	2.427	4.5	19.2
11 27	4 6.20	+17 59.9	1.451	2.436	1.4	19.0
12 7	3 56.37	+17 56.0	1.480	2.446	5.8	19.4
12 17	3 48.12	+17 56.5	1.536	2.456	10.3	19.6
12 27	3 42.39	+18 3.7	1.616	2.467	14.2	19.9

112206 2002 JT_{123} 11 25.9 202°.52 4°.5/24.1 18

10 18	4 37.63	+13 15.0	1.608	2.413	17.2	20.1
10 28	4 33.32	+12 20.3	1.528	2.411	13.7	19.8
11 7	4 26.12	+11 23.3	1.469	2.408	9.6	19.6
11 17	4 16.69	+10 28.4	1.434	2.405	5.8	19.3
11 27	4 6.17	+ 9 41.0	1.427	2.402	4.7	19.3
12 7	3 55.90	+ 9 6.2	1.447	2.398	7.9	19.5
12 17	3 47.13	+ 8 47.5	1.494	2.394	12.0	19.7
12 27	3 40.85	+ 8 46.4	1.563	2.390	15.8	19.9

286253 2001 UZ_{222} 11 25.9 28°.31 3°.7/27.6 17

10 18	4 34.82	+31 27.7	1.462	2.257	19.0	20.6
10 28	4 31.61	+31 26.2	1.398	2.270	15.4	20.4
11 7	4 25.11	+31 8.4	1.354	2.284	11.1	20.1
11 17	4 16.19	+30 32.8	1.332	2.300	6.7	19.9
11 27	4 6.25	+29 40.3	1.336	2.316	3.7	19.8
12 7	3 56.87	+28 36.2	1.366	2.333	6.0	20.0
12 17	3 49.41	+27 27.9	1.422	2.351	10.2	20.3
12 27	3 44.81	+26 23.3	1.502	2.369	14.1	20.6

165875 2001 SK_{129} 11 25.9 30°.95 0°.2/26.0 17

10 18	4 36.34	+23 35.4	1.059	1.892	22.3	19.8
10 28	4 33.72	+23 16.9	1.001	1.899	17.7	19.5
11 7	4 27.06	+22 46.4	0.959	1.907	12.2	19.2
11 17	4 17.29	+22 4.5	0.937	1.916	5.9	18.9
11 27	4 6.11	+21 14.9	0.940	1.926	0.7	18.6
12 7	3 55.56	+20 24.0	0.966	1.937	7.1	19.1
12 17	3 47.38	+19 39.4	1.016	1.948	12.9	19.4
12 27	3 42.74	+19 7.4	1.087	1.960	17.8	19.8

479370 2013 XX_{19} 11 25.9 289°.25 0°.3/26.0 18

10 18	4 36.92	+22 11.1	1.538	2.342	17.8	21.5
10 28	4 33.39	+22 13.5	1.444	2.327	14.3	21.2
11 7	4 26.60	+22 9.4	1.370	2.312	9.9	20.9
11 17	4 17.12	+21 58.3	1.320	2.297	4.9	20.6
11 27	4 6.11	+21 40.7	1.296	2.282	0.6	20.3
12 7	3 55.11	+21 19.4	1.299	2.267	6.0	20.6
12 17	3 45.64	+20 58.8	1.328	2.253	11.2	20.9
12 27	3 38.94	+20 43.6	1.381	2.238	15.7	21.1

49085 1998 RO_{67} 11 25.9 138°.70 2°.0/25.1 18

10 18	4 38.24	+18 50.7	1.721	2.518	16.5	19.0
10 28	4 33.54	+18 8.9	1.646	2.525	13.0	18.8
11 7	4 26.10	+17 21.2	1.591	2.532	8.9	18.5
11 17	4 16.61	+16 29.9	1.562	2.539	4.4	18.3
11 27	4 6.20	+15 38.8	1.562	2.546	2.2	18.1
12 7	3 56.16	+14 52.9	1.590	2.552	6.1	18.4
12 17	3 47.64	+14 16.3	1.645	2.557	10.4	18.7
12 27	3 41.53	+13 52.4	1.725	2.562	14.1	18.9

110637 2001 TX_{166} 11 25.9 55°.88 6°.6/28.7 18

10 18	4 40.27	+37 22.6	1.900	2.647	16.9	19.7
10 28	4 35.66	+38 18.2	1.824	2.656	14.2	19.5
11 7	4 27.88	+38 59.8	1.768	2.665	11.2	19.4
11 17	4 17.60	+39 22.0	1.735	2.674	8.3	19.2
11 27	4 6.07	+39 21.7	1.728	2.683	6.6	19.1
12 7	3 54.82	+38 59.6	1.749	2.692	7.5	19.2
12 17	3 45.26	+38 20.4	1.796	2.702	10.0	19.4
12 27	3 38.47	+37 31.4	1.868	2.712	12.9	19.6

196034 2002 SV_{25} 11 25.9 83°.82 2°.3/26.9 18

10 18	4 36.31	+27 26.7	2.430	3.194	13.2	20.0
10 28	4 31.47	+27 56.0	2.348	3.204	10.5	19.9
11 7	4 24.44	+28 18.6	2.289	3.214	7.5	19.7
11 17	4 15.77	+28 32.9	2.257	3.225	4.3	19.5
11 27	4 6.30	+28 38.0	2.254	3.235	2.3	19.4
12 7	3 57.01	+28 35.0	2.281	3.244	4.3	19.5
12 17	3 48.81	+28 26.0	2.337	3.254	7.4	19.7
12 27	3 42.48	+28 14.5	2.420	3.264	10.3	19.9

407048 2009 SM_{113} 11 25.9 33°.16 0°.7/26.3 18

10 18	4 33.51	+24 28.2	1.806	2.602	15.9	20.9
10 28	4 29.82	+24 13.4	1.735	2.613	12.5	20.7
11 7	4 23.55	+23 49.9	1.685	2.624	8.6	20.5
11 17	4 15.38	+23 18.2	1.660	2.636	4.3	20.3
11 27	4 6.38	+22 40.3	1.662	2.649	0.7	20.0
12 7	3 57.75	+21 59.8	1.693	2.662	4.9	20.4
12 17	3 50.54	+21 21.1	1.751	2.675	9.0	20.7
12 27	3 45.57	+20 48.5	1.834	2.689	12.6	20.9

309879 2009 DR_{121} 11 25.9 113°.72 4°.3/27.7 18

10 18	4 39.60	+32 15.0	1.988	2.749	15.8	21.1
10 28	4 34.76	+32 50.1	1.907	2.755	13.0	20.9
11 7	4 27.07	+33 14.1	1.846	2.761	9.7	20.7
11 17	4 17.17	+33 23.8	1.809	2.767	6.3	20.5
11 27	4 6.16	+33 17.2	1.801	2.773	4.3	20.4
12 7	3 55.39	+32 55.6	1.820	2.778	5.9	20.5
12 17	3 46.11	+32 23.2	1.868	2.784	9.1	20.7
12 27	3 39.29	+31 45.8	1.942	2.789	12.3	20.9

327569 2006 DD_{33} 11 25.9 246°.38 6°.3/21.9 18

10 18	4 31.17	+ 2 6.0	2.600	3.377	12.1	21.3
10 28	4 27.13	+ 1 0.1	2.511	3.366	10.0	21.2
11 7	4 21.35	− 0 1.2	2.446	3.354	8.0	21.0
11 17	4 14.26	− 0 53.4	2.408	3.342	6.5	20.9
11 27	4 6.51	− 1 32.3	2.397	3.330	6.6	20.9
12 7	3 58.86	− 1 54.8	2.415	3.317	8.0	21.0
12 17	3 52.00	− 1 59.6	2.460	3.304	10.2	21.1
12 27	3 46.58	− 1 46.8	2.528	3.291	12.3	21.2

110290 2001 SN_{262} 11 25.9 78°.16 2°.0/26.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 40.49	+25 38.7	1.974	2.748	15.5	19.2
10 28	4 35.04	+26 8.5	1.909	2.772	12.3	19.1
11 7	4 26.97	+26 31.4	1.865	2.795	8.6	18.9
11 17	4 17.00	+26 45.4	1.847	2.818	4.6	18.7
11 27	4 6.20	+26 49.8	1.858	2.841	2.0	18.6
12 7	3 55.78	+26 46.0	1.899	2.864	4.8	18.8
12 17	3 46.86	+26 37.0	1.968	2.887	8.5	19.1
12 27	3 40.24	+26 26.7	2.063	2.909	11.7	19.3

157126 2004 NA_{17} 11 25.9 10°.16 2°.6/25.1 18 R

10 18	4 32.16	+17 54.7	1.201	2.036	20.0	19.4
10 28	4 29.91	+17 21.0	1.137	2.037	15.8	19.2
11 7	4 24.24	+16 41.8	1.090	2.040	10.8	18.9
11 17	4 15.91	+16 0.3	1.066	2.044	5.5	18.6
11 27	4 6.32	+15 21.5	1.066	2.050	2.8	18.5
12 7	3 57.14	+14 50.6	1.090	2.056	7.5	18.8
12 17	3 49.87	+14 32.1	1.139	2.063	12.6	19.1
12 27	3 45.57	+14 28.9	1.208	2.072	17.1	19.4

325507 2009 RZ_{51} 11 25.9 160°.05 3°.9/23.8 18

10 18	4 32.04	+11 42.5	2.307	3.099	13.0	20.7
10 28	4 27.98	+10 49.3	2.225	3.100	10.3	20.6
11 7	4 21.99	+ 9 55.6	2.167	3.101	7.3	20.4
11 17	4 14.57	+ 9 4.9	2.135	3.102	4.6	20.2
11 27	4 6.48	+ 8 21.1	2.133	3.103	4.0	20.2
12 7	3 58.59	+ 7 47.4	2.160	3.104	6.3	20.3
12 17	3 51.69	+ 7 26.3	2.215	3.104	9.2	20.5
12 27	3 46.44	+ 7 18.9	2.294	3.105	12.0	20.7

149093 2002 CK_{145} 11 25.9 169°.70 1°.3/26.8 18

10 18	4 35.10	+27 1.9	3.241	3.993	10.4	21.1
10 28	4 29.89	+27 0.1	3.147	3.998	8.3	21.0
11 7	4 23.05	+26 51.9	3.078	4.002	5.8	20.8
11 17	4 15.02	+26 37.0	3.036	4.006	3.2	20.6
11 27	4 6.43	+26 15.8	3.025	4.009	1.3	20.5
12 7	3 57.99	+25 49.7	3.046	4.011	3.3	20.7
12 17	3 50.36	+25 21.2	3.099	4.013	5.9	20.8
12 27	3 44.11	+24 53.0	3.179	4.014	8.3	21.0

317154 2001 VB_{39} 11 25.9 325°.09 1°.2/26.3 18

10 18	4 37.56	+22 26.9	1.480	2.286	18.3	20.3
10 28	4 33.98	+22 55.6	1.396	2.278	14.7	20.0
11 7	4 27.05	+23 19.8	1.330	2.271	10.2	19.8
11 17	4 17.36	+23 37.8	1.288	2.265	5.2	19.5
11 27	4 6.13	+23 48.5	1.273	2.259	1.3	19.2
12 7	3 54.98	+23 52.7	1.284	2.253	6.0	19.5
12 17	3 45.48	+23 53.4	1.321	2.247	11.1	19.8
12 27	3 38.88	+23 55.0	1.381	2.242	15.5	20.0

403910 2011 YQ_{46} 11 25.9 59°.96 1°.9/25.3 18

10 18	4 35.56	+15 41.7	1.960	2.755	14.9	21.2
10 28	4 31.18	+15 38.4	1.882	2.760	11.7	21.0
11 7	4 24.41	+15 34.5	1.825	2.765	8.0	20.8
11 17	4 15.82	+15 31.2	1.795	2.770	4.1	20.6
11 27	4 6.37	+15 30.1	1.792	2.776	2.0	20.4
12 7	3 57.13	+15 32.9	1.819	2.781	5.4	20.7
12 17	3 49.13	+15 41.3	1.874	2.787	9.2	20.9
12 27	3 43.18	+15 56.6	1.954	2.793	12.6	21.1

37045 2000 UG_{34} 11 25.9 352°.67 0°.6/26.2 18

10 18	4 34.51	+23 6.8	1.933	2.724	15.2	19.5
10 28	4 30.61	+23 8.8	1.847	2.723	12.0	19.3
11 7	4 24.16	+23 4.5	1.783	2.722	8.3	19.1
11 17	4 15.76	+22 53.7	1.744	2.721	4.1	18.9
11 27	4 6.37	+22 37.3	1.733	2.720	0.7	18.6
12 7	3 57.16	+22 17.5	1.751	2.719	4.8	18.9
12 17	3 49.23	+21 57.5	1.797	2.719	8.9	19.1
12 27	3 43.45	+21 41.2	1.868	2.719	12.5	19.4

286316 2001 WS_{67} 11 25.9 332°.93 1°.5/25.5 18

10 18	4 33.01	+19 9.0	1.322	2.147	19.1	21.1
10 28	4 30.61	+18 52.5	1.239	2.135	15.2	20.9
11 7	4 24.84	+18 30.3	1.176	2.124	10.5	20.6
11 17	4 16.32	+18 3.8	1.135	2.113	5.1	20.2
11 27	4 6.30	+17 36.0	1.118	2.104	1.8	20.0
12 7	3 56.41	+17 11.3	1.127	2.095	6.9	20.3
12 17	3 48.22	+16 54.3	1.161	2.087	12.3	20.6
12 27	3 42.95	+16 48.8	1.216	2.080	17.0	20.8

307917 2004 EY_{1} 11 25.9 330°.35 6°.3/23.1 18

10 18	4 31.61	+ 9 5.4	1.654	2.467	16.4	20.3
10 28	4 28.53	+ 7 53.9	1.574	2.458	13.2	20.1
11 7	4 22.85	+ 6 43.0	1.515	2.450	9.8	19.9
11 17	4 15.16	+ 5 38.6	1.481	2.442	6.9	19.7
11 27	4 6.46	+ 4 47.3	1.473	2.435	6.6	19.7
12 7	3 57.94	+ 4 14.3	1.491	2.429	9.1	19.8
12 17	3 50.73	+ 4 2.4	1.534	2.422	12.6	20.0
12 27	3 45.72	+ 4 11.9	1.599	2.417	16.0	20.2

307828 2003 YV_{24} 11 25.9 334°.34 1°.4/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 37.12	+22 7.9	1.252	2.072	20.3	20.3
10 28	4 34.26	+22 41.4	1.172	2.063	16.3	20.0
11 7	4 27.61	+23 10.9	1.111	2.055	11.4	19.7
11 17	4 17.77	+23 34.0	1.071	2.048	5.8	19.4
11 27	4 6.13	+23 49.2	1.056	2.042	1.5	19.1
12 7	3 54.55	+23 57.2	1.066	2.036	6.7	19.4
12 17	3 44.89	+24 1.2	1.100	2.031	12.3	19.7
12 27	3 38.57	+24 6.0	1.157	2.026	17.2	20.0

154257 2002 LD_{56} 11 25.9 151°.77 5°.8/22.3 18

10 18	4 32.33	− 1 38.0	3.216	3.970	10.5	20.7
10 28	4 27.52	− 2 23.4	3.146	3.981	8.7	20.6
11 7	4 21.33	− 3 1.8	3.100	3.990	7.1	20.5
11 17	4 14.17	− 3 30.2	3.081	3.999	6.0	20.4
11 27	4 6.59	− 3 45.8	3.091	4.008	6.0	20.4
12 7	3 59.17	− 3 47.1	3.131	4.016	7.0	20.5
12 17	3 52.48	− 3 34.0	3.197	4.023	8.5	20.6
12 27	3 46.98	− 3 7.2	3.289	4.030	10.2	20.8

210632 2000 FF_{33} 11 25.9 210°.59 2°.4/24.8 18

10 18	4 35.33	+14 50.7	2.281	3.067	13.3	21.0
10 28	4 30.72	+14 25.8	2.188	3.062	10.5	20.8
11 7	4 23.97	+13 59.4	2.119	3.056	7.3	20.6
11 17	4 15.60	+13 33.5	2.077	3.050	3.9	20.4
11 27	4 6.42	+13 10.6	2.064	3.044	2.6	20.3
12 7	3 57.36	+12 53.2	2.081	3.037	5.4	20.4
12 17	3 49.32	+12 43.6	2.127	3.030	8.8	20.6
12 27	3 43.06	+12 43.3	2.198	3.023	11.9	20.8

25210 1998 SE_{147} 11 25.9 340°.36 0°.1/25.9 18

10 18	4 32.45	+21 16.1	1.914	2.713	15.0	18.6
10 28	4 29.03	+21 11.9	1.826	2.706	11.9	18.4
11 7	4 23.13	+21 2.6	1.758	2.699	8.2	18.2
11 17	4 15.29	+20 48.4	1.716	2.693	4.0	17.9
11 27	4 6.45	+20 30.7	1.701	2.688	0.5	17.6
12 7	3 57.74	+20 11.9	1.715	2.682	4.9	17.9
12 17	3 50.24	+19 55.3	1.756	2.678	9.1	18.2
12 27	3 44.83	+19 44.0	1.822	2.674	12.8	18.4

227762 2006 QH_{163} 11 25.9 42°.66 5°.4/25.6 18

10 18	4 56.27	+19 26.3	0.984	1.793	25.3	19.5
10 28	4 50.92	+22 19.3	0.919	1.801	20.5	19.2
11 7	4 40.10	+25 25.7	0.872	1.810	14.6	18.9
11 17	4 24.27	+28 31.5	0.848	1.820	8.4	18.6
11 27	4 5.34	+31 17.9	0.851	1.830	5.5	18.5
12 7	3 46.35	+33 30.4	0.880	1.841	9.8	18.8
12 17	3 30.38	+35 6.3	0.934	1.852	15.5	19.1
12 27	3 19.57	+36 13.9	1.010	1.864	20.5	19.5

18182 Wiener 11 25.9 302°.72 0°.1/26.0 18

10 18	4 34.82	+22 33.7	2.039	2.827	14.6	19.1
10 28	4 30.67	+22 23.5	1.953	2.827	11.5	18.9
11 7	4 24.10	+22 6.9	1.888	2.826	7.9	18.7
11 17	4 15.70	+21 44.2	1.849	2.826	3.9	18.4
11 27	4 6.41	+21 16.8	1.839	2.826	0.4	18.2
12 7	3 57.31	+20 47.7	1.858	2.825	4.7	18.5
12 17	3 49.44	+20 20.1	1.905	2.825	8.7	18.7
12 27	3 43.61	+19 57.8	1.978	2.825	12.1	19.0

247545 2002 RA_{143} 11 25.9 100°.53 3°.1/27.5 18

10 18	4 40.67	+30 58.5	2.076	2.835	15.3	21.2
10 28	4 35.14	+31 7.6	2.006	2.856	12.3	21.0
11 7	4 27.02	+31 5.2	1.958	2.877	8.9	20.9
11 17	4 17.04	+30 49.5	1.935	2.898	5.4	20.7
11 27	4 6.28	+30 20.5	1.940	2.918	3.1	20.6
12 7	3 55.96	+29 40.8	1.976	2.938	5.0	20.7
12 17	3 47.15	+28 55.2	2.040	2.958	8.3	21.0
12 27	3 40.66	+28 9.2	2.130	2.976	11.4	21.2

397056 2005 UQ_{109} 11 25.9 120°.16 0°.3/26.2 18

10 18	4 36.07	+25 30.7	2.440	3.209	13.0	21.1
10 28	4 31.02	+24 49.9	2.361	3.223	10.2	21.0
11 7	4 23.96	+24 0.2	2.304	3.237	7.0	20.8
11 17	4 15.49	+23 2.6	2.275	3.250	3.4	20.6
11 27	4 6.46	+21 59.6	2.277	3.263	0.5	20.3
12 7	3 57.77	+20 55.2	2.309	3.276	4.0	20.7
12 17	3 50.23	+19 53.6	2.372	3.288	7.4	20.9
12 27	3 44.47	+18 58.9	2.462	3.299	10.4	21.1

474887 2005 SJ_{170} 11 25.9 20°.64 3°.3/27.1 16

10 18	4 34.42	+27 56.1	1.099	1.925	22.1	20.5
10 28	4 32.31	+28 15.5	1.042	1.934	17.8	20.2
11 7	4 26.20	+28 20.7	1.001	1.943	12.6	20.0
11 17	4 16.98	+28 9.1	0.981	1.955	7.1	19.7
11 27	4 6.32	+27 40.8	0.984	1.967	3.3	19.6
12 7	3 56.25	+27 0.2	1.011	1.981	6.9	19.8
12 17	3 48.52	+26 15.1	1.061	1.996	12.1	20.2
12 27	3 44.29	+25 33.5	1.133	2.012	16.8	20.5

104371 2000 FH_{29} 11 25.9 241°.48 3°.4/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 36.25	+32 42.5	2.816	3.557	12.1	20.6
10 28	4 31.43	+33 8.0	2.708	3.545	9.9	20.5
11 7	4 24.50	+33 25.0	2.623	3.532	7.4	20.3
11 17	4 15.92	+33 31.1	2.565	3.519	4.9	20.1
11 27	4 6.43	+33 25.3	2.536	3.506	3.5	20.0
12 7	3 56.97	+33 8.3	2.537	3.493	4.6	20.0
12 17	3 48.41	+32 42.3	2.568	3.479	7.1	20.2
12 27	3 41.56	+32 11.3	2.626	3.464	9.8	20.3

403506 2009 VY_{82} 11 25.9 13°.21 4°.1/27.6 17

10 18	4 36.23	+31 14.6	1.986	2.756	15.5	20.8
10 28	4 32.17	+31 54.5	1.903	2.758	12.7	20.7
11 7	4 25.37	+32 24.6	1.841	2.760	9.4	20.5
11 17	4 16.43	+32 41.7	1.803	2.763	6.1	20.3
11 27	4 6.38	+32 44.0	1.793	2.766	4.1	20.2
12 7	3 56.49	+32 32.3	1.810	2.770	5.7	20.3
12 17	3 47.97	+32 10.1	1.856	2.774	9.0	20.5
12 27	3 41.79	+31 42.6	1.926	2.778	12.2	20.7

104109 2000 EN_{46} 11 25.9 339°.84 4°.7/27.4 18

10 18	4 38.74	+30 9.1	1.426	2.219	19.5	19.3
10 28	4 35.32	+30 53.3	1.345	2.215	16.0	19.0
11 7	4 28.20	+31 26.4	1.283	2.212	11.8	18.8
11 17	4 18.03	+31 43.6	1.243	2.208	7.4	18.5
11 27	4 6.19	+31 41.7	1.228	2.205	4.7	18.4
12 7	3 54.50	+31 21.8	1.239	2.203	7.1	18.5
12 17	3 44.74	+30 49.1	1.276	2.201	11.5	18.7
12 27	3 38.22	+30 11.7	1.335	2.199	15.7	19.0

73412 2002 LC_{28} 11 25.9 40°.09 3°.8/24.6 18

10 18	4 33.92	+10 20.5	2.049	2.844	14.3	19.1
10 28	4 29.72	+10 5.6	1.974	2.850	11.3	19.0
11 7	4 23.33	+ 9 53.7	1.922	2.857	8.0	18.8
11 17	4 15.31	+ 9 47.1	1.896	2.864	4.9	18.6
11 27	4 6.53	+ 9 48.3	1.897	2.871	3.9	18.5
12 7	3 57.98	+ 9 58.8	1.928	2.879	6.3	18.7
12 17	3 50.57	+10 19.3	1.986	2.886	9.5	18.9
12 27	3 45.03	+10 49.9	2.069	2.894	12.5	19.1

361281 2006 TR_{29} 11 25.9 302°.79 0°.4/25.8 18

10 18	4 35.27	+20 41.5	1.940	2.733	15.1	21.4
10 28	4 31.16	+20 34.8	1.854	2.731	11.9	21.1
11 7	4 24.54	+20 23.2	1.789	2.729	8.2	20.9
11 17	4 15.98	+20 7.2	1.750	2.727	3.9	20.7
11 27	4 6.45	+19 48.2	1.739	2.725	0.7	20.4
12 7	3 57.09	+19 28.7	1.757	2.723	5.0	20.7
12 17	3 48.99	+19 11.9	1.803	2.722	9.1	21.0
12 27	3 43.01	+19 0.8	1.874	2.720	12.7	21.2

480294 2015 HR_{150} 11 25.9 197°.71 0°.1/26.0 18

10 18	4 38.41	+23 47.8	1.703	2.495	16.9	22.0
10 28	4 34.01	+23 21.5	1.618	2.494	13.4	21.8
11 7	4 26.66	+22 45.3	1.553	2.492	9.3	21.6
11 17	4 17.05	+21 59.7	1.513	2.490	4.5	21.3
11 27	4 6.33	+21 7.3	1.501	2.488	0.5	21.0
12 7	3 55.88	+20 12.5	1.518	2.485	5.5	21.3
12 17	3 46.98	+19 21.2	1.562	2.482	10.1	21.6
12 27	3 40.61	+18 38.6	1.631	2.479	14.2	21.8

154139 2002 EZ_{138} 11 25.9 299°.16 0°.3/26.1 18

10 18	4 34.66	+22 16.0	2.121	2.907	14.2	20.2
10 28	4 30.50	+22 16.5	2.031	2.904	11.2	19.9
11 7	4 24.00	+22 11.9	1.964	2.901	7.7	19.7
11 17	4 15.70	+22 1.8	1.922	2.898	3.8	19.5
11 27	4 6.49	+21 47.3	1.909	2.895	0.5	19.2
12 7	3 57.41	+21 30.4	1.925	2.893	4.5	19.5
12 17	3 49.48	+21 13.8	1.970	2.890	8.4	19.8
12 27	3 43.51	+21 0.9	2.041	2.887	11.8	20.0

174879 2004 BP_{54} 11 25.9 226°.74 0°.2/25.9 18

10 18	4 36.13	+20 54.8	1.983	2.773	14.9	20.2
10 28	4 31.80	+20 51.0	1.895	2.770	11.8	20.0
11 7	4 24.96	+20 42.5	1.829	2.768	8.1	19.8
11 17	4 16.19	+20 29.4	1.788	2.765	3.9	19.5
11 27	4 6.44	+20 12.9	1.776	2.762	0.6	19.3
12 7	3 56.84	+19 55.4	1.793	2.759	4.9	19.6
12 17	3 48.48	+19 39.9	1.838	2.756	9.0	19.8
12 27	3 42.23	+19 29.4	1.908	2.753	12.6	20.0

95778 2003 EB_{59} 11 25.9 167°.86 2°.4/26.9 18

10 18	4 42.65	+27 4.9	2.238	2.995	14.4	20.2
10 28	4 36.74	+27 36.2	2.148	3.001	11.5	20.1
11 7	4 28.25	+28 0.6	2.082	3.006	8.2	19.9
11 17	4 17.76	+28 15.9	2.042	3.009	4.7	19.6
11 27	4 6.26	+28 20.8	2.031	3.013	2.4	19.5
12 7	3 54.90	+28 15.9	2.052	3.015	4.8	19.7
12 17	3 44.81	+28 4.1	2.102	3.017	8.3	19.9
12 27	3 36.89	+27 49.4	2.179	3.018	11.5	20.1

316440 2010 UL_{17} 11 25.9 185°.19 0°.9/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 33.86	+21 21.5	2.258	3.043	13.4	20.8
10 28	4 29.59	+20 40.3	2.169	3.043	10.6	20.6
11 7	4 23.20	+19 52.2	2.104	3.043	7.2	20.4
11 17	4 15.25	+18 58.9	2.066	3.043	3.5	20.1
11 27	4 6.57	+18 3.1	2.057	3.042	1.1	19.9
12 7	3 58.11	+17 9.0	2.078	3.042	4.6	20.2
12 17	3 50.74	+16 20.3	2.128	3.041	8.3	20.4
12 27	3 45.19	+15 40.7	2.204	3.040	11.5	20.6

308311 2005 LJ_{13} 11 25.9 47°.37 2°.9/25.3 18

10 18	4 38.46	+12 8.9	1.649	2.449	17.0	19.9
10 28	4 33.79	+12 21.6	1.583	2.463	13.4	19.7
11 7	4 26.36	+12 38.0	1.538	2.477	9.3	19.5
11 17	4 16.85	+12 59.2	1.518	2.492	5.0	19.3
11 27	4 6.40	+13 26.1	1.525	2.507	3.1	19.2
12 7	3 56.29	+13 59.1	1.561	2.522	6.3	19.5
12 17	3 47.72	+14 38.3	1.624	2.537	10.4	19.7
12 27	3 41.57	+15 23.5	1.712	2.553	14.0	20.0

139812 2001 RO_{24} 11 25.9 132°.40 0°.5/26.2 18

10 18	4 37.26	+23 30.7	2.296	3.069	13.6	21.1
10 28	4 32.19	+23 23.2	2.216	3.081	10.7	20.9
11 7	4 24.93	+23 9.5	2.158	3.092	7.4	20.8
11 17	4 16.07	+22 49.4	2.128	3.103	3.6	20.5
11 27	4 6.49	+22 24.3	2.127	3.114	0.6	20.3
12 7	3 57.18	+21 56.4	2.157	3.124	4.2	20.6
12 17	3 49.04	+21 28.9	2.216	3.133	7.8	20.9
12 27	3 42.80	+21 5.1	2.302	3.142	10.9	21.1

280167 2002 QZ_{99} 11 25.9 148°.77 4°.0/23.9 18

10 18	4 32.35	+ 8 38.8	2.527	3.312	12.2	20.7
10 28	4 28.07	+ 8 6.6	2.446	3.315	9.7	20.6
11 7	4 22.01	+ 7 37.0	2.389	3.317	7.1	20.4
11 17	4 14.64	+ 7 12.7	2.359	3.320	4.7	20.3
11 27	4 6.66	+ 6 56.5	2.357	3.323	4.2	20.2
12 7	3 58.84	+ 6 50.4	2.386	3.325	6.0	20.4
12 17	3 51.91	+ 6 55.5	2.442	3.327	8.6	20.5
12 27	3 46.49	+ 7 11.9	2.524	3.329	11.2	20.7

214820 Faustocoppi 11 25.9 77°.50 5°.5/28.1 18

10 18	4 42.18	+34 17.9	1.945	2.696	16.4	20.6
10 28	4 36.94	+35 16.2	1.873	2.712	13.6	20.4
11 7	4 28.66	+36 2.8	1.822	2.728	10.4	20.2
11 17	4 18.04	+36 32.9	1.796	2.744	7.3	20.1
11 27	4 6.27	+36 43.5	1.796	2.759	5.5	20.0
12 7	3 54.79	+36 35.1	1.825	2.775	6.7	20.1
12 17	3 44.95	+36 11.7	1.882	2.790	9.5	20.3
12 27	3 37.76	+35 39.8	1.963	2.806	12.4	20.5

263582 2008 FE_{92} 11 25.9 186°.50 1°.8/25.3 18

10 18	4 39.41	+17 46.5	1.818	2.609	16.0	21.6
10 28	4 34.51	+17 24.1	1.733	2.609	12.6	21.4
11 7	4 26.88	+16 57.9	1.669	2.609	8.7	21.2
11 17	4 17.15	+16 29.4	1.631	2.608	4.3	20.9
11 27	4 6.37	+16 1.1	1.622	2.606	2.0	20.8
12 7	3 55.81	+15 36.3	1.641	2.604	5.9	21.0
12 17	3 46.64	+15 18.5	1.689	2.601	10.1	21.3
12 27	3 39.81	+15 10.4	1.761	2.597	13.9	21.5

267970 2004 FL_{98} 11 25.9 197°.97 6°.7/23.2 18

10 18	4 37.31	+ 5 32.8	1.847	2.638	15.8	20.6
10 28	4 32.66	+ 4 34.0	1.768	2.636	12.9	20.4
11 7	4 25.51	+ 3 39.5	1.710	2.633	9.8	20.2
11 17	4 16.45	+ 2 54.7	1.678	2.630	7.3	20.1
11 27	4 6.45	+ 2 25.0	1.672	2.626	6.9	20.0
12 7	3 56.65	+ 2 14.0	1.695	2.622	9.1	20.1
12 17	3 48.12	+ 2 23.0	1.743	2.617	12.2	20.3
12 27	3 41.72	+ 2 51.1	1.815	2.612	15.2	20.5

131162 2001 CO_{24} 11 25.9 298°.35 3°.1/24.7 18

10 18	4 34.41	+15 29.2	1.688	2.495	16.4	20.2
10 28	4 30.85	+14 53.0	1.600	2.485	13.0	20.0
11 7	4 24.55	+14 13.6	1.534	2.476	9.0	19.7
11 17	4 16.09	+13 34.1	1.491	2.466	4.9	19.4
11 27	4 6.50	+12 58.3	1.477	2.457	3.3	19.3
12 7	3 57.05	+12 30.4	1.489	2.448	6.8	19.5
12 17	3 48.93	+12 14.0	1.528	2.439	11.1	19.7
12 27	3 43.14	+12 11.3	1.591	2.430	15.0	20.0

434636 2005 WA_{57} 11 25.9 68°.03 0°.0/25.9 18

10 18	4 40.40	+21 18.6	1.468	2.270	18.6	21.0
10 28	4 35.69	+21 22.0	1.409	2.290	14.7	20.8
11 7	4 27.81	+21 19.6	1.369	2.310	10.0	20.5
11 17	4 17.58	+21 11.3	1.353	2.330	4.8	20.3
11 27	4 6.36	+20 58.2	1.364	2.351	0.5	20.0
12 7	3 55.69	+20 43.2	1.403	2.371	5.7	20.5
12 17	3 46.91	+20 30.1	1.468	2.391	10.4	20.8
12 27	3 40.95	+20 22.7	1.557	2.411	14.4	21.1

211844 2004 FB_{77} 11 25.9 149°.16 3°.8/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 34.45	+11 59.9	2.206	2.995	13.6	21.2
10 28	4 29.97	+11 12.8	2.127	3.001	10.7	21.0
11 7	4 23.42	+10 25.6	2.072	3.006	7.6	20.8
11 17	4 15.36	+ 9 41.4	2.043	3.010	4.7	20.6
11 27	4 6.61	+ 9 3.9	2.043	3.015	3.9	20.6
12 7	3 58.08	+ 8 36.3	2.073	3.019	6.3	20.8
12 17	3 50.64	+ 8 20.9	2.130	3.023	9.4	21.0
12 27	3 44.97	+ 8 18.6	2.213	3.026	12.3	21.2

473054 2015 HK_{86} 11 25.9 231°.31 3°.0/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 37.58	+16 1.7	1.661	2.463	16.8	22.1
10 28	4 33.38	+15 23.7	1.574	2.456	13.4	21.8
11 7	4 26.29	+14 42.0	1.508	2.449	9.3	21.6
11 17	4 16.94	+13 59.2	1.467	2.442	5.0	21.3
11 27	4 6.42	+13 19.5	1.454	2.435	3.2	21.2
12 7	3 56.06	+12 47.1	1.468	2.427	6.9	21.4
12 17	3 47.14	+12 26.0	1.509	2.419	11.3	21.6
12 27	3 40.68	+12 18.8	1.574	2.410	15.2	21.8

94124 2000 YJ_{109} 11 25.9 47°.98 4°.1/28.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 36.37	+33 43.2	2.105	2.863	15.1	19.7
10 28	4 32.08	+33 54.9	2.020	2.866	12.4	19.6
11 7	4 25.18	+33 53.7	1.956	2.870	9.3	19.4
11 17	4 16.31	+33 37.2	1.917	2.874	6.1	19.2
11 27	4 6.49	+33 4.9	1.905	2.878	4.1	19.1
12 7	3 56.95	+32 19.1	1.922	2.882	5.4	19.2
12 17	3 48.79	+31 24.7	1.968	2.886	8.5	19.4
12 27	3 42.87	+30 27.7	2.039	2.890	11.6	19.6

262243 2006 SV_{290} 11 25.9 78°.28 0°.9/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 37.78	+24 29.3	1.899	2.683	15.7	21.4
10 28	4 33.00	+24 24.5	1.831	2.702	12.4	21.2
11 7	4 25.66	+24 12.0	1.785	2.720	8.5	21.0
11 17	4 16.47	+23 51.5	1.764	2.739	4.3	20.8
11 27	4 6.49	+23 24.2	1.771	2.757	0.9	20.6
12 7	3 56.92	+22 53.3	1.808	2.776	4.7	20.9
12 17	3 48.82	+22 22.5	1.873	2.794	8.7	21.2
12 27	3 42.98	+21 56.0	1.963	2.812	12.1	21.4

116021 2003 WG_{86} 11 25.9 2°.76 7°.4/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 30.32	+ 2 55.2	2.041	2.836	14.3	19.4
10 28	4 26.91	+ 1 35.6	1.970	2.836	11.8	19.3
11 7	4 21.43	+ 0 21.5	1.921	2.836	9.4	19.1
11 17	4 14.43	− 0 41.2	1.898	2.836	7.7	19.0
11 27	4 6.71	− 1 26.9	1.901	2.837	7.7	19.0
12 7	3 59.21	− 1 52.0	1.930	2.838	9.4	19.1
12 17	3 52.76	− 1 55.0	1.985	2.840	11.8	19.3
12 27	3 48.06	− 1 37.1	2.062	2.842	14.2	19.4

145562 Zurbriggen 11 25.9 97°.53 2°.3/27.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 38.99	+27 59.5	1.996	2.767	15.4	20.4
10 28	4 33.97	+28 8.2	1.923	2.783	12.3	20.2
11 7	4 26.36	+28 7.4	1.871	2.799	8.7	20.0
11 17	4 16.83	+27 55.6	1.845	2.814	4.9	19.8
11 27	4 6.44	+27 33.1	1.847	2.829	2.3	19.6
12 7	3 56.43	+27 2.3	1.878	2.844	4.8	19.8
12 17	3 47.87	+26 27.4	1.938	2.859	8.5	20.1
12 27	3 41.59	+25 53.2	2.024	2.873	11.8	20.3

408756 1995 FU_{8} 11 25.9 298°.39 0°.2/25.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 33.99	+20 28.5	2.189	2.977	13.7	21.2
10 28	4 30.01	+20 33.3	2.090	2.964	10.9	20.9
11 7	4 23.73	+20 34.6	2.013	2.952	7.5	20.7
11 17	4 15.65	+20 32.5	1.962	2.939	3.6	20.5
11 27	4 6.58	+20 27.6	1.940	2.927	0.5	20.2
12 7	3 57.55	+20 21.5	1.948	2.915	4.5	20.5
12 17	3 49.54	+20 16.5	1.984	2.903	8.4	20.7
12 27	3 43.40	+20 15.0	2.045	2.891	11.9	20.9

423417 2005 NJ_{102} 11 25.9 80°.45 5°.2/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 46.19	+39 40.8	1.554	2.300	20.1	19.6
10 28	4 40.35	+38 55.2	1.484	2.320	16.7	19.4
11 7	4 30.89	+37 43.5	1.433	2.339	12.6	19.2
11 17	4 18.96	+36 2.9	1.405	2.358	8.3	19.0
11 27	4 6.25	+33 56.3	1.405	2.377	5.3	18.9
12 7	3 54.57	+31 32.8	1.434	2.396	6.6	19.0
12 17	3 45.31	+29 5.5	1.492	2.415	10.3	19.2
12 27	3 39.30	+26 47.0	1.576	2.433	14.1	19.5

315762 2008 FS_{63} 11 25.9 5°.27 6°.5/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 32.21	+ 6 18.4	1.869	2.670	15.2	20.4
10 28	4 28.61	+ 5 13.0	1.795	2.670	12.4	20.2
11 7	4 22.71	+ 4 11.4	1.744	2.670	9.3	20.1
11 17	4 15.09	+ 3 19.0	1.717	2.671	7.0	19.9
11 27	4 6.66	+ 2 41.1	1.718	2.672	6.7	19.9
12 7	3 58.46	+ 2 21.6	1.745	2.673	8.8	20.0
12 17	3 51.44	+ 2 21.9	1.798	2.674	11.7	20.2
12 27	3 46.39	+ 2 41.4	1.873	2.676	14.6	20.4

344196 2001 OY_{34} 11 25.9 85°.83 2°.3/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 43.23	+15 0.6	1.619	2.412	17.6	21.1
10 28	4 37.38	+14 59.5	1.563	2.440	13.8	20.9
11 7	4 28.67	+14 58.6	1.528	2.467	9.4	20.7
11 17	4 17.91	+14 58.9	1.518	2.494	4.8	20.5
11 27	4 6.36	+15 1.9	1.537	2.520	2.4	20.4
12 7	3 55.38	+15 9.4	1.584	2.546	6.1	20.7
12 17	3 46.15	+15 22.7	1.659	2.571	10.3	21.0
12 27	3 39.52	+15 43.3	1.759	2.596	13.9	21.3

228847 2003 FW 11 25.9 287°.90 4°.7/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 44.27	+ 6 56.0	1.657	2.442	17.6	20.5
10 28	4 39.16	+ 7 19.6	1.546	2.414	14.4	20.2
11 7	4 30.72	+ 7 54.4	1.456	2.385	10.6	19.9
11 17	4 19.38	+ 8 42.9	1.390	2.357	6.6	19.6
11 27	4 6.13	+ 9 46.6	1.352	2.328	4.8	19.4
12 7	3 52.46	+11 4.6	1.344	2.299	8.0	19.5
12 17	3 39.97	+12 34.2	1.365	2.269	12.6	19.7
12 27	3 30.07	+14 12.6	1.410	2.240	17.0	19.9

223970 2004 XR_{127} 11 25.9 48°.18 0°.0/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 33.45	+23 20.6	2.073	2.861	14.4	20.1
10 28	4 29.46	+22 52.0	1.995	2.869	11.3	19.9
11 7	4 23.20	+22 15.7	1.939	2.878	7.7	19.7
11 17	4 15.29	+21 32.6	1.909	2.886	3.7	19.5
11 27	4 6.64	+20 45.3	1.908	2.895	0.4	19.2
12 7	3 58.29	+19 57.5	1.937	2.904	4.5	19.5
12 17	3 51.17	+19 13.2	1.993	2.913	8.3	19.8
12 27	3 46.01	+18 36.3	2.076	2.922	11.7	20.0

42424 3120 T-2 11 25.9 323°.66 0°.4/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 34.07	+20 15.9	2.047	2.839	14.4	19.5
10 28	4 30.14	+20 14.2	1.957	2.834	11.4	19.3
11 7	4 23.83	+20 8.5	1.890	2.829	7.8	19.1
11 17	4 15.68	+19 59.2	1.848	2.825	3.8	18.8
11 27	4 6.59	+19 47.4	1.834	2.821	0.6	18.6
12 7	3 57.62	+19 35.2	1.850	2.816	4.8	18.9
12 17	3 49.79	+19 25.1	1.893	2.813	8.7	19.1
12 27	3 43.96	+19 20.0	1.962	2.809	12.2	19.3

239138 2006 JJ_{30} 11 25.9 201°.71 0°.5/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 37.59	+19 59.5	1.948	2.736	15.2	20.8
10 28	4 33.00	+19 56.3	1.860	2.734	12.0	20.6
11 7	4 25.83	+19 48.9	1.793	2.732	8.2	20.3
11 17	4 16.67	+19 37.8	1.753	2.730	4.0	20.1
11 27	4 6.48	+19 24.1	1.741	2.727	0.8	19.8
12 7	3 56.46	+19 10.0	1.758	2.724	5.1	20.1
12 17	3 47.70	+18 58.5	1.803	2.721	9.2	20.4
12 27	3 41.12	+18 52.4	1.874	2.717	12.9	20.6

14907 1993 OF_{3} 11 25.9 125°.83 0°.7/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 39.99	+23 55.4	1.789	2.574	16.4	19.8
10 28	4 35.01	+23 50.8	1.713	2.585	13.0	19.6
11 7	4 27.21	+23 38.4	1.659	2.595	9.0	19.4
11 17	4 17.31	+23 17.8	1.629	2.605	4.5	19.1
11 27	4 6.42	+22 50.1	1.628	2.614	0.8	18.9
12 7	3 55.90	+22 18.5	1.656	2.623	5.1	19.2
12 17	3 46.93	+21 47.2	1.711	2.632	9.4	19.5
12 27	3 40.42	+21 20.7	1.792	2.640	13.1	19.7

294219 2007 UN_{9} 11 25.9 355°.48 8°.7/22.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 30.59	+ 5 43.0	1.433	2.255	18.0	19.9
10 28	4 28.05	+ 4 6.7	1.366	2.251	14.8	19.7
11 7	4 22.70	+ 2 34.0	1.319	2.248	11.5	19.5
11 17	4 15.20	+ 1 13.5	1.295	2.246	9.1	19.3
11 27	4 6.66	+ 0 14.0	1.296	2.245	9.0	19.3
12 7	3 58.40	− 0 18.7	1.321	2.245	11.4	19.5
12 17	3 51.63	− 0 22.5	1.369	2.245	14.7	19.7
12 27	3 47.26	+ 0 1.0	1.437	2.247	17.9	19.9

9792 Nonodakesan 11 25.9 319°.10 7°.7/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 35.06	+ 5 25.0	1.340	2.158	19.3	17.3
10 28	4 32.09	+ 4 50.0	1.258	2.143	15.8	17.0
11 7	4 25.85	+ 4 22.9	1.194	2.128	12.0	16.8
11 17	4 16.91	+ 4 10.1	1.153	2.113	8.6	16.5
11 27	4 6.45	+ 4 17.3	1.135	2.099	7.8	16.4
12 7	3 56.03	+ 4 47.7	1.143	2.086	10.6	16.6
12 17	3 47.15	+ 5 41.1	1.173	2.073	14.7	16.8
12 27	3 41.07	+ 6 54.7	1.225	2.062	18.7	17.0

103776 2000 DV_{4} 11 25.9 201°.45 5°.1/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10 18	4 35.52	+ 7 56.6	1.993	2.784	14.8	19.4
10 28	4 31.11	+ 7 23.8	1.912	2.783	11.9	19.2
11 7	4 24.39	+ 6 54.8	1.853	2.782	8.7	19.1
11 17	4 15.93	+ 6 33.1	1.819	2.781	5.9	18.9
11 27	4 6.60	+ 6 22.3	1.814	2.779	5.2	18.8
12 7	3 57.44	+ 6 24.8	1.836	2.777	7.4	19.0
12 17	3 49.44	+ 6 41.5	1.886	2.775	10.6	19.2
12 27	3 43.39	+ 7 12.1	1.960	2.773	13.6	19.4

184076 2004 GY_{23} 11 25.9 189°.21 3°.5/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 34.57	+10 22.8	2.668	3.446	11.8	21.7
10 28	4 29.75	+ 9 48.6	2.579	3.445	9.4	21.6
11 7	4 23.15	+ 9 15.5	2.514	3.443	6.7	21.4
11 17	4 15.24	+ 8 45.9	2.477	3.441	4.3	21.2
11 27	4 6.69	+ 8 22.4	2.469	3.438	3.6	21.2
12 7	3 58.27	+ 8 7.5	2.492	3.435	5.6	21.3
12 17	3 50.71	+ 8 2.5	2.544	3.431	8.3	21.5
12 27	3 44.63	+ 8 8.3	2.622	3.426	10.8	21.6

17525 1993 FH_{5} 11 25.9 352°.65 0°.5/26.2 18

10 18	4 35.20	+22 43.7	1.997	2.786	14.8	18.7
10 28	4 31.10	+22 46.5	1.911	2.785	11.8	18.4
11 7	4 24.52	+22 43.5	1.847	2.784	8.1	18.2
11 17	4 16.04	+22 34.6	1.808	2.784	4.0	18.0
11 27	4 6.59	+22 20.5	1.797	2.784	0.6	17.7
12 7	3 57.32	+22 3.3	1.815	2.783	4.7	18.0
12 17	3 49.27	+21 46.1	1.862	2.783	8.7	18.3
12 27	3 43.33	+21 32.2	1.934	2.783	12.3	18.5

516599 2007 HC_{92} 11 25.9 106°.91 1°.6/24.9 18

10 18	4 33.72	+18 41.2	2.599	3.379	12.0	21.0
10 28	4 29.02	+17 52.2	2.525	3.395	9.4	20.9
11 7	4 22.57	+16 59.1	2.474	3.412	6.3	20.7
11 17	4 14.91	+16 3.8	2.452	3.428	3.2	20.5
11 27	4 6.74	+15 9.4	2.461	3.443	1.7	20.5
12 7	3 58.87	+14 19.3	2.500	3.459	4.4	20.7
12 17	3 51.98	+13 36.4	2.569	3.474	7.4	20.9
12 27	3 46.64	+13 3.0	2.665	3.488	10.1	21.1

483513 2003 FD_{37} 11 25.9 291°.13 3°.6/24.2 17

10 18	4 33.04	+14 5.9	1.977	2.777	14.6	22.2
10 28	4 29.46	+13 15.2	1.874	2.755	11.6	22.0
11 7	4 23.49	+12 21.0	1.793	2.732	8.2	21.7
11 17	4 15.60	+11 26.6	1.738	2.710	4.8	21.5
11 27	4 6.65	+10 36.6	1.712	2.688	3.9	21.4
12 7	3 57.71	+ 9 55.4	1.713	2.665	6.8	21.5
12 17	3 49.82	+ 9 26.8	1.742	2.643	10.6	21.7
12 27	3 43.89	+ 9 13.4	1.795	2.620	14.2	21.9

263659 2008 GL_{102} 11 25.9 264°.48 1°.4/25.4 18

10 18	4 34.27	+18 7.4	2.096	2.888	14.1	21.2
10 28	4 30.14	+17 49.5	2.009	2.886	11.1	21.0
11 7	4 23.75	+17 28.1	1.945	2.885	7.6	20.8
11 17	4 15.63	+17 4.8	1.907	2.883	3.8	20.6
11 27	4 6.66	+16 41.5	1.897	2.882	1.6	20.4
12 7	3 57.85	+16 21.0	1.917	2.881	5.0	20.6
12 17	3 50.18	+16 6.0	1.965	2.879	8.8	20.9
12 27	3 44.42	+15 58.7	2.039	2.878	12.2	21.1

334655 2002 XN_{46} 11 25.9 315°.73 4°.4/27.6 18

10 18	4 37.33	+30 54.4	1.434	2.227	19.4	20.4
10 28	4 34.27	+31 18.6	1.347	2.217	15.9	20.1
11 7	4 27.55	+31 29.3	1.279	2.208	11.8	19.9
11 17	4 17.81	+31 22.3	1.232	2.198	7.3	19.6
11 27	4 6.40	+30 55.6	1.211	2.189	4.4	19.4
12 7	3 55.12	+30 11.6	1.215	2.181	6.9	19.5
12 17	3 45.70	+29 16.8	1.245	2.173	11.5	19.8
12 27	3 39.47	+28 20.3	1.298	2.165	15.9	20.0

523214 2016 VE_{21} 11 25.9 47°.67 3°.1/27.2 18

10 18	4 38.03	+28 33.9	1.813	2.593	16.5	21.3
10 28	4 33.76	+29 0.6	1.733	2.596	13.3	21.1
11 7	4 26.57	+29 18.0	1.672	2.600	9.6	20.9
11 17	4 17.11	+29 23.3	1.636	2.604	5.6	20.7
11 27	4 6.50	+29 15.7	1.628	2.608	3.1	20.6
12 7	3 56.13	+28 56.6	1.648	2.613	5.5	20.7
12 17	3 47.26	+28 30.0	1.695	2.617	9.4	21.0
12 27	3 40.90	+28 1.6	1.767	2.621	13.0	21.2

75536 1999 XB_{230} 11 25.9 84°.02 6°.9/29.1 18

10 18	4 46.98	+37 52.3	1.514	2.267	20.3	18.7
10 28	4 41.41	+38 28.1	1.455	2.292	16.9	18.5
11 7	4 31.99	+38 44.5	1.414	2.316	13.0	18.3
11 17	4 19.69	+38 35.6	1.395	2.339	9.3	18.2
11 27	4 6.24	+37 59.2	1.401	2.363	7.0	18.1
12 7	3 53.58	+36 59.1	1.434	2.386	7.9	18.2
12 17	3 43.35	+35 43.7	1.494	2.408	11.0	18.5
12 27	3 36.58	+34 23.9	1.578	2.430	14.4	18.7

283750 2003 CD_{25} 11 25.9 208°.19 1°.7/25.5 18

10 18	4 40.82	+15 30.7	2.032	2.813	14.9	20.9
10 28	4 35.46	+15 38.4	1.938	2.808	11.8	20.7
11 7	4 27.52	+15 46.5	1.866	2.802	8.1	20.5
11 17	4 17.54	+15 55.4	1.821	2.796	4.1	20.2
11 27	4 6.46	+16 5.9	1.805	2.789	1.8	20.0
12 7	3 55.44	+16 19.1	1.819	2.781	5.4	20.3
12 17	3 45.61	+16 36.2	1.862	2.773	9.4	20.5
12 27	3 37.91	+16 58.8	1.931	2.764	13.0	20.7

482919 2014 HK_{155} 11 25.9 267°.14 4°.3/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 18	4 34.42	+14 18.1	1.793	2.596	15.7	21.4
10 28	4 30.61	+13 4.6	1.706	2.588	12.5	21.2
11 7	4 24.25	+11 46.4	1.641	2.581	8.8	20.9
11 17	4 15.94	+10 28.1	1.602	2.573	5.3	20.7
11 27	4 6.65	+ 9 15.8	1.591	2.565	4.6	20.7
12 7	3 57.55	+ 8 15.4	1.608	2.557	7.5	20.8
12 17	3 49.73	+ 7 31.6	1.652	2.548	11.4	21.0
12 27	3 44.07	+ 7 6.7	1.719	2.540	14.9	21.2

135564 2002 GT_{9} 11 25.9 100°.52 3°.6/27.3 18

10 18	4 44.98	+29 45.2	1.559	2.334	18.9	20.2
10 28	4 39.46	+30 9.6	1.494	2.354	15.2	20.0
11 7	4 30.51	+30 21.7	1.449	2.374	11.0	19.8
11 17	4 18.97	+30 18.0	1.427	2.393	6.5	19.6
11 27	4 6.32	+29 57.5	1.433	2.412	3.6	19.4
12 7	3 54.24	+29 23.2	1.466	2.430	6.1	19.6
12 17	3 44.21	+28 41.1	1.527	2.448	10.3	19.9
12 27	3 37.24	+27 58.6	1.612	2.465	14.1	20.2

223410 2003 SK_{177} 11 26.0 83°.57 0°.1/26.1 18

10 18	4 35.38	+22 0.0	2.310	3.090	13.3	21.2
10 28	4 30.68	+21 56.9	2.237	3.107	10.5	21.1
11 7	4 23.90	+21 48.8	2.187	3.124	7.1	20.9
11 17	4 15.63	+21 36.0	2.164	3.140	3.5	20.7
11 27	4 6.70	+21 19.7	2.170	3.157	0.4	20.5
12 7	3 58.04	+21 1.8	2.207	3.173	4.1	20.8
12 17	3 50.53	+20 45.0	2.272	3.190	7.6	21.0
12 27	3 44.82	+20 31.9	2.364	3.206	10.6	21.3

369205 2008 TJ_{160} 11 26.0 111°.76 1°.0/25.4 18

10 18	4 32.95	+19 32.6	2.479	3.263	12.4	21.9
10 28	4 28.66	+19 6.1	2.397	3.270	9.7	21.7
11 7	4 22.49	+18 35.5	2.338	3.277	6.6	21.5
11 17	4 14.94	+18 1.9	2.307	3.283	3.2	21.3
11 27	4 6.77	+17 27.7	2.305	3.290	1.2	21.2
12 7	3 58.81	+16 55.4	2.333	3.296	4.3	21.4
12 17	3 51.83	+16 27.7	2.391	3.303	7.5	21.6
12 27	3 46.48	+16 7.2	2.475	3.309	10.4	21.8

115641 2003 UW_{130} 11 26.0 44°.05 1°.7/26.9 18

10 18	4 35.34	+29 5.3	1.861	2.642	16.0	18.9
10 28	4 31.14	+28 31.5	1.796	2.663	12.7	18.8
11 7	4 24.39	+27 44.7	1.753	2.685	8.9	18.6
11 17	4 15.87	+26 45.4	1.734	2.706	4.8	18.4
11 27	4 6.68	+25 36.7	1.744	2.729	1.7	18.2
12 7	3 58.01	+24 23.4	1.783	2.751	4.7	18.5
12 17	3 50.87	+23 11.8	1.850	2.774	8.6	18.7
12 27	3 45.99	+22 7.5	1.943	2.798	12.0	19.0

206321 2003 NJ_{8} 11 26.0 98°.28 7°.6/23.7 18

10 18	4 37.56	+ 1 45.0	1.786	2.572	16.4	19.9
10 28	4 32.80	+ 1 3.6	1.721	2.582	13.5	19.7
11 7	4 25.55	+ 0 31.7	1.678	2.592	10.5	19.6
11 17	4 16.49	+ 0 14.5	1.659	2.602	8.2	19.4
11 27	4 6.62	+ 0 16.2	1.666	2.612	7.7	19.4
12 7	3 57.07	+ 0 38.4	1.700	2.621	9.5	19.6
12 17	3 48.90	+ 1 20.3	1.761	2.631	12.3	19.8
12 27	3 42.89	+ 2 19.3	1.844	2.640	15.0	20.0

114508 2003 AS_{82} 11 26.0 41°.06 2°.9/25.3 18

10 18	4 37.94	+15 45.0	1.160	1.988	21.0	18.5
10 28	4 34.30	+15 29.8	1.112	2.008	16.5	18.3
11 7	4 27.12	+15 13.8	1.082	2.029	11.3	18.1
11 17	4 17.35	+14 59.3	1.074	2.051	5.8	17.9
11 27	4 6.54	+14 49.5	1.091	2.074	3.0	17.8
12 7	3 56.45	+14 47.6	1.133	2.098	7.4	18.1
12 17	3 48.50	+14 55.7	1.199	2.122	12.3	18.5
12 27	3 43.66	+15 15.0	1.287	2.146	16.6	18.8

9794 1996 FO_{5} 11 26.0 298°.86 5°.0/27.2 18

10 18	4 39.78	+29 44.3	1.503	2.291	18.9	17.6
10 28	4 36.30	+30 41.4	1.408	2.275	15.6	17.4
11 7	4 29.12	+31 30.4	1.332	2.259	11.6	17.1
11 17	4 18.72	+32 6.0	1.279	2.243	7.5	16.8
11 27	4 6.34	+32 23.6	1.252	2.228	5.0	16.6
12 7	3 53.79	+32 22.1	1.250	2.212	7.4	16.7
12 17	3 42.92	+32 5.1	1.275	2.197	11.8	17.0
12 27	3 35.25	+31 40.1	1.322	2.182	16.1	17.2

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10 18	4 38.01	+37 14.5	1.635	2.399	18.6	21.2
10 28	4 34.60	+37 55.6	1.550	2.393	15.7	21.0
11 7	4 27.65	+38 20.3	1.482	2.388	12.3	20.8
11 17	4 17.83	+38 23.2	1.437	2.383	9.0	20.6
11 27	4 6.46	+38 0.7	1.417	2.378	6.9	20.5
12 7	3 55.30	+37 14.3	1.423	2.374	8.0	20.5
12 17	3 45.98	+36 10.2	1.454	2.371	11.1	20.7
12 27	3 39.75	+34 57.7	1.509	2.368	14.6	20.9