486428 2013 FU_4 12 15.9 212°88 6°2/16.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 9.28	+39 37.5	2.211	2.955	14.7	22.0
11 17	6 4.21	+40 34.2	2.120	2.952	12.3	21.8
11 27	5 56.04	+41 22.4	2.051	2.948	9.6	21.6
12 7	5 45.41	+41 56.1	2.007	2.943	7.2	21.5
12 17	5 33.39	+42 10.6	1.991	2.939	6.2	21.4
12 27	5 21.44	+42 4.2	2.003	2.934	7.5	21.5
1 6	5 10.97	+41 39.2	2.042	2.929	10.0	21.6
1 16	5 3.07	+41 0.7	2.107	2.924	12.7	21.8

288536 2004 GV_{19} 12 15.9 248°90 5°0/16.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.24	+ 6 2.0	2.262	3.006	14.4	20.4
11 17	6 0.27	+ 6 15.3	2.157	2.993	11.9	20.2
11 27	5 52.98	+ 6 41.2	2.074	2.980	9.1	20.0
12 7	5 43.83	+ 7 21.3	2.018	2.966	6.3	19.8
12 17	5 33.60	+ 8 15.6	1.991	2.952	5.0	19.7
12 27	5 23.27	+ 9 22.9	1.995	2.938	6.6	19.7
1 6	5 13.87	+10 40.1	2.028	2.923	9.6	19.9
1 16	5 6.25	+12 3.9	2.088	2.908	12.7	20.1

101478 1998 WN_{27} 12 15.9 84°91 0°6/15.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.13	+22 23.7	1.844	2.627	15.9	20.4
11 17	6 0.50	+22 13.6	1.771	2.640	12.5	20.2
11 27	5 53.17	+22 3.0	1.720	2.654	8.5	20.0
12 7	5 43.86	+21 51.3	1.694	2.667	4.2	19.7
12 17	5 33.63	+21 38.4	1.697	2.680	0.8	19.5
12 27	5 23.72	+21 25.3	1.729	2.694	5.0	19.9
1 6	5 15.31	+21 13.5	1.789	2.707	9.2	20.1
1 16	5 9.20	+21 4.8	1.873	2.719	12.8	20.4

420149 2011 FK_{128} 12 15.9 288°12 1°8/15.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 0.97	+16 51.6	2.297	3.070	13.4	21.1
11 17	5 56.95	+17 1.5	2.195	3.058	10.7	20.9
11 27	5 50.71	+17 15.9	2.116	3.046	7.5	20.7
12 7	5 42.73	+17 34.9	2.064	3.033	4.0	20.4
12 17	5 33.74	+17 57.7	2.040	3.021	1.8	20.3
12 27	5 24.73	+18 23.9	2.047	3.009	4.7	20.5
1 6	5 16.65	+18 52.7	2.083	2.997	8.3	20.7
1 16	5 10.32	+19 23.8	2.145	2.985	11.6	20.8

296871 2009 YN_6 12 15.9 266°80 2°7/15.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 0.52	+14 15.5	2.368	3.138	13.2	20.4
11 17	5 56.40	+14 13.8	2.275	3.134	10.5	20.2
11 27	5 50.19	+14 17.4	2.205	3.130	7.5	20.0
12 7	5 42.42	+14 27.0	2.161	3.127	4.3	19.8
12 17	5 33.79	+14 42.6	2.147	3.123	2.7	19.7
12 27	5 25.22	+15 4.1	2.163	3.120	5.0	19.9
1 6	5 17.59	+15 31.0	2.207	3.116	8.2	20.1
1 16	5 11.62	+16 2.3	2.278	3.112	11.2	20.2

231046 2005 GZ_{29} 12 15.9 270°79 0°7/15.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 0.57	+20 32.2	2.508	3.280	12.4	20.6
11 17	5 56.44	+20 38.3	2.406	3.269	9.9	20.4
11 27	5 50.25	+20 45.8	2.327	3.259	6.8	20.2
12 7	5 42.46	+20 54.3	2.276	3.248	3.4	20.0
12 17	5 33.78	+21 3.2	2.254	3.238	0.8	19.7
12 27	5 25.11	+21 12.3	2.263	3.227	4.1	20.0
1 6	5 17.34	+21 21.9	2.301	3.216	7.6	20.2
1 16	5 11.19	+21 32.5	2.365	3.205	10.7	20.4

342015 2008 RQ_{74} 12 15.9 84°59 1°7/16.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 9.39	+26 54.9	1.640	2.423	17.5	21.5
11 17	6 4.26	+27 13.3	1.575	2.443	13.9	21.3
11 27	5 55.93	+27 28.7	1.532	2.464	9.6	21.1
12 7	5 45.25	+27 37.8	1.513	2.484	4.9	20.9
12 17	5 33.50	+27 38.6	1.522	2.504	1.8	20.7
12 27	5 22.23	+27 31.2	1.560	2.524	5.6	21.0
1 6	5 12.82	+27 18.0	1.625	2.544	9.9	21.3
1 16	5 6.20	+27 2.4	1.715	2.563	13.7	21.6

198003 2004 RS_{181} 12 15.9 124°99 1°6/15.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.62	+20 23.7	1.846	2.625	16.0	20.8
11 17	6 1.65	+20 1.6	1.769	2.636	12.7	20.6
11 27	5 53.96	+19 39.9	1.714	2.646	8.7	20.4
12 7	5 44.26	+19 18.7	1.685	2.657	4.4	20.1
12 17	5 33.61	+18 58.7	1.684	2.667	1.7	20.0
12 27	5 23.26	+18 41.4	1.713	2.676	5.4	20.2
1 6	5 14.41	+18 28.2	1.770	2.685	9.5	20.5
1 16	5 7.87	+18 20.6	1.853	2.694	13.1	20.8

290570 2005 UW_{119} 12 15.9 89°97 0°2/16.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 3.53	+24 5.2	2.076	2.855	14.5	21.4
11 17	5 59.07	+24 4.4	1.995	2.862	11.4	21.2
11 27	5 52.14	+24 2.1	1.936	2.869	7.8	21.0
12 7	5 43.38	+23 57.4	1.904	2.877	3.8	20.7
12 17	5 33.71	+23 49.7	1.900	2.884	0.5	20.5
12 27	5 24.26	+23 39.4	1.926	2.891	4.6	20.8
1 6	5 16.10	+23 28.1	1.981	2.899	8.4	21.1
1 16	5 10.01	+23 17.6	2.061	2.906	11.8	21.3

354658 2005 JV_{162} 12 15.9 261°04 1°4/15.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 3.52	+20 29.2	1.997	2.777	14.9	21.7
11 17	5 59.34	+20 13.3	1.896	2.764	11.9	21.5
11 27	5 52.53	+19 57.6	1.818	2.751	8.2	21.3
12 7	5 43.68	+19 42.3	1.766	2.738	4.2	21.0
12 17	5 33.66	+19 27.6	1.742	2.724	1.5	20.8
12 27	5 23.67	+19 14.7	1.747	2.710	5.2	21.0
1 6	5 14.86	+19 4.8	1.781	2.696	9.4	21.2
1 16	5 8.16	+18 59.4	1.840	2.682	13.1	21.4

291288 2006 BA_{127} 12 16.0 180°11 2°8/16.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.41	+31 5.8	2.027	2.794	15.2	21.9
11 17	6 3.26	+31 20.4	1.938	2.795	12.2	21.7
11 27	5 55.21	+31 29.0	1.871	2.795	8.7	21.5
12 7	5 44.96	+31 28.5	1.830	2.796	5.0	21.3
12 17	5 33.56	+31 16.6	1.818	2.795	2.8	21.1
12 27	5 22.36	+30 53.5	1.835	2.795	5.4	21.3
1 6	5 12.65	+30 22.0	1.881	2.793	9.1	21.5
1 16	5 5.36	+29 46.3	1.952	2.792	12.6	21.7

209236 2003 WT_{99} 12 16.0 40°25 3°1/16.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.58	+33 7.3	1.694	2.473	17.2	19.7
11 17	6 3.03	+32 53.8	1.614	2.476	13.9	19.5
11 27	5 55.22	+32 29.7	1.554	2.481	9.9	19.3
12 7	5 44.97	+31 52.1	1.519	2.485	5.7	19.0
12 17	5 33.57	+31 0.3	1.511	2.490	3.1	18.9
12 27	5 22.61	+29 56.7	1.532	2.494	5.9	19.1
1 6	5 13.52	+28 47.0	1.580	2.499	10.1	19.3
1 16	5 7.24	+27 37.5	1.653	2.504	13.9	19.6

486108 2012 VH_{60} 12 16.0 108°72 2°4/15.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.43	+26 29.2	1.692	2.476	17.0	21.2
11 17	6 3.05	+27 16.1	1.610	2.478	13.6	21.0
11 27	5 55.42	+28 3.0	1.549	2.481	9.5	20.7
12 7	5 45.20	+28 45.8	1.513	2.483	5.1	20.5
12 17	5 33.53	+29 20.1	1.504	2.485	2.4	20.3
12 27	5 21.97	+29 43.7	1.525	2.487	5.9	20.6
1 6	5 12.02	+29 57.1	1.572	2.489	10.3	20.8
1 16	5 4.80	+30 3.2	1.644	2.491	14.2	21.1

400382 2007 YA_{32} 12 16.0 50°06 13°0/20.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 14.17	− 8 6.9	0.971	1.730	28.4	20.1
11 17	6 9.54	− 7 34.6	0.915	1.743	24.7	19.9
11 27	6 0.43	− 6 17.3	0.871	1.756	20.3	19.6
12 7	5 47.77	− 4 7.2	0.845	1.769	16.0	19.4
12 17	5 33.26	− 1 5.6	0.841	1.784	13.2	19.4
12 27	5 19.24	+ 2 34.8	0.862	1.799	13.8	19.4
1 6	5 7.83	+ 6 32.6	0.908	1.814	17.2	19.7
1 16	5 0.41	+10 27.9	0.977	1.829	21.2	20.0

133944 2004 TN_{68} 12 16.0 24°07 4°7/15.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 0.29	+10 44.6	1.956	2.733	15.3	19.9
11 17	5 56.55	+10 22.1	1.877	2.736	12.4	19.7
11 27	5 50.45	+10 7.6	1.819	2.740	9.1	19.5
12 7	5 42.60	+10 3.3	1.787	2.744	6.0	19.3
12 17	5 33.84	+10 10.3	1.781	2.748	4.7	19.3
12 27	5 25.25	+10 29.2	1.804	2.753	6.7	19.4
1 6	5 17.83	+10 58.8	1.855	2.758	9.8	19.6
1 16	5 12.35	+11 37.4	1.929	2.763	13.0	19.8

195715 2002 PE_{57} 12 16.0 88°64 6°4/15.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 0.41	+ 2 37.6	2.536	3.274	13.2	20.3
11 17	5 55.85	+ 1 53.8	2.473	3.295	11.0	20.1
11 27	5 49.54	+ 1 20.6	2.431	3.317	8.8	20.0
12 7	5 42.00	+ 1 0.7	2.416	3.338	7.0	20.0
12 17	5 33.93	+ 0 56.2	2.428	3.358	6.4	19.9
12 27	5 26.08	+ 1 7.5	2.468	3.379	7.4	20.0
1 6	5 19.19	+ 1 33.5	2.537	3.399	9.2	20.2
1 16	5 13.81	+ 2 11.9	2.630	3.419	11.2	20.4

68380 2001 PZ_{61} 12 16.0 195°30 1°3/16.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 4.91	+27 4.3	2.072	2.847	14.6	19.9
11 17	6 0.36	+27 11.6	1.982	2.846	11.6	19.7
11 27	5 53.16	+27 15.8	1.915	2.845	8.1	19.4
12 7	5 43.97	+27 14.8	1.873	2.844	4.1	19.2
12 17	5 33.71	+27 7.4	1.860	2.843	1.4	19.0
12 27	5 23.60	+26 53.8	1.877	2.841	4.8	19.2
1 6	5 14.79	+26 35.7	1.922	2.839	8.7	19.5
1 16	5 8.17	+26 16.1	1.993	2.838	12.2	19.7

74797 1999 SM_{15} 12 16.0 107°73 3°0/16.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 12.20	+31 4.5	1.610	2.386	18.1	19.3
11 17	6 6.70	+31 15.6	1.541	2.403	14.5	19.1
11 27	5 57.73	+31 19.2	1.493	2.420	10.2	18.8
12 7	5 46.19	+31 11.5	1.469	2.436	5.7	18.6
12 17	5 33.48	+30 50.3	1.472	2.451	3.0	18.5
12 27	5 21.31	+30 16.7	1.505	2.466	6.1	18.7
1 6	5 11.20	+29 35.1	1.564	2.481	10.4	19.0
1 16	5 4.12	+28 51.2	1.648	2.495	14.2	19.3

90026 2002 UM_8 12 16.0 53°.05 6°.4/15.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 1.96	+ 7 6.6	1.804	2.575	16.6	19.6
11 17	5 58.01	+ 6 35.0	1.729	2.581	13.7	19.4
11 27	5 51.52	+ 6 14.7	1.675	2.586	10.4	19.2
12 7	5 43.15	+ 6 8.9	1.645	2.592	7.5	19.1
12 17	5 33.81	+ 6 19.5	1.641	2.598	6.4	19.0
12 27	5 24.66	+ 6 46.8	1.666	2.604	8.0	19.2
1 6	5 16.81	+ 7 29.1	1.716	2.611	11.1	19.3
1 16	5 11.07	+ 8 23.1	1.790	2.617	14.1	19.6

70359 1999 RD_{187} 12 16.0 76°.26 1°.1/16.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.09	+25 59.1	1.684	2.469	17.0	20.0
11 17	6 2.41	+26 8.0	1.616	2.486	13.5	19.8
11 27	5 54.67	+26 14.3	1.568	2.502	9.2	19.6
12 7	5 44.68	+26 15.7	1.546	2.518	4.6	19.4
12 17	5 33.64	+26 10.8	1.551	2.534	1.2	19.1
12 27	5 23.01	+25 59.9	1.585	2.550	5.4	19.5
1 6	5 14.10	+25 45.3	1.646	2.566	9.7	19.8
1 16	5 7.82	+25 30.0	1.732	2.582	13.4	20.0

183070 2002 RV_{18} 12 16.0 36°.93 10°.0/16.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 2.43	+ 4 32.3	1.171	1.970	22.2	18.4
11 17	5 59.39	+ 3 26.5	1.121	1.985	18.6	18.2
11 27	5 52.90	+ 2 38.9	1.087	2.000	14.6	18.0
12 7	5 43.90	+ 2 16.5	1.074	2.016	11.2	17.9
12 17	5 33.73	+ 2 23.3	1.083	2.033	10.0	17.9
12 27	5 24.07	+ 2 59.4	1.116	2.050	11.7	18.0
1 6	5 16.40	+ 4 0.4	1.171	2.068	14.9	18.3
1 16	5 11.65	+ 5 19.1	1.247	2.087	18.3	18.5

452571 2005 CF_{24} 12 16.0 309°.59 1°.7/16.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 3.19	+30 22.5	2.087	2.862	14.5	20.6
11 17	5 59.14	+30 0.5	1.981	2.844	11.7	20.4
11 27	5 52.43	+29 30.5	1.896	2.826	8.2	20.1
12 7	5 43.65	+28 50.8	1.838	2.808	4.4	19.9
12 17	5 33.75	+28 1.3	1.808	2.790	1.7	19.6
12 27	5 23.95	+27 3.8	1.808	2.773	4.9	19.8
1 6	5 15.43	+26 2.2	1.837	2.756	8.9	20.0
1 16	5 9.10	+25 1.1	1.892	2.739	12.6	20.2

391251 2006 QM_{114} 12 16.0 82°.96 7°.0/15.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 4.19	+ 5 15.7	1.938	2.694	16.1	20.9
11 17	5 59.29	+ 4 23.8	1.880	2.718	13.3	20.7
11 27	5 52.09	+ 3 43.5	1.843	2.743	10.3	20.6
12 7	5 43.29	+ 3 18.3	1.831	2.767	7.8	20.5
12 17	5 33.81	+ 3 10.7	1.847	2.791	7.0	20.5
12 27	5 24.70	+ 3 21.4	1.890	2.815	8.3	20.6
1 6	5 16.92	+ 3 48.8	1.960	2.838	10.8	20.8
1 16	5 11.14	+ 4 29.8	2.054	2.861	13.3	21.0

208313 2001 KX_1 12 16.0 241°.40 2°.0/16.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.08	+16 13.2	2.263	3.028	13.8	21.2
11 17	6 0.28	+16 23.7	2.155	3.012	11.1	21.0
11 27	5 53.09	+16 39.4	2.070	2.997	7.8	20.7
12 7	5 43.97	+17 0.1	2.011	2.980	4.2	20.5
12 17	5 33.71	+17 25.2	1.983	2.963	2.0	20.3
12 27	5 23.35	+17 53.9	1.985	2.946	5.0	20.5
1 6	5 13.95	+18 25.4	2.017	2.928	8.7	20.7
1 16	5 6.40	+18 59.4	2.075	2.909	12.2	20.8

10860 1995 LE 12 16.0 40°.85 0°.4/15.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 26.57	+23 56.2	1.123	1.906	23.9	20.0
11 17	6 17.02	+23 36.6	1.112	1.980	18.4	19.9
11 27	6 3.78	+23 14.9	1.120	2.053	12.1	19.7
12 7	5 48.54	+22 49.7	1.151	2.124	5.7	19.6
12 17	5 33.33	+22 21.6	1.211	2.195	0.7	19.5
12 27	5 20.07	+21 53.6	1.299	2.264	6.3	20.0
1 6	5 10.02	+21 29.4	1.414	2.332	11.1	20.5
1 16	5 3.66	+21 11.5	1.552	2.398	14.9	20.9

454616 2014 QN_{59} 12 16.0 128°.90 1°.2/16.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 4.52	+27 26.1	2.081	2.856	14.5	22.0
11 17	5 59.97	+27 23.3	1.995	2.859	11.5	21.8
11 27	5 52.84	+27 16.5	1.931	2.862	8.0	21.6
12 7	5 43.80	+27 4.0	1.893	2.864	4.1	21.3
12 17	5 33.78	+26 45.0	1.884	2.867	1.2	21.1
12 27	5 23.98	+26 20.5	1.905	2.869	4.7	21.4
1 6	5 15.51	+25 52.8	1.954	2.872	8.6	21.6
1 16	5 9.19	+25 24.7	2.029	2.874	12.0	21.9

275143 2009 VS_{77} 12 16.0 68°.16 4°.3/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.19	+36 33.0	2.122	2.880	14.8	20.1
11 17	6 2.10	+36 47.7	2.051	2.897	12.1	19.9
11 27	5 54.26	+36 52.6	2.001	2.913	8.9	19.7
12 7	5 44.44	+36 44.2	1.976	2.930	5.9	19.6
12 17	5 33.74	+36 20.6	1.980	2.947	4.3	19.5
12 27	5 23.47	+35 42.8	2.013	2.964	5.9	19.6
1 6	5 14.79	+34 54.4	2.074	2.981	8.8	19.9
1 16	5 8.50	+34 0.6	2.161	2.998	11.7	20.1

370858 2005 EF_3 12 16.0 306°.31 4°.7/15.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 59.68	+ 9 9.6	2.263	3.027	13.8	21.0
11 17	5 55.83	+ 8 50.6	2.171	3.022	11.3	20.8
11 27	5 49.89	+ 8 39.7	2.102	3.016	8.5	20.6
12 7	5 42.35	+ 8 38.9	2.058	3.010	5.8	20.4
12 17	5 33.96	+ 8 49.5	2.042	3.005	4.7	20.3
12 27	5 25.61	+ 9 11.8	2.056	2.999	6.4	20.4
1 6	5 18.22	+ 9 44.8	2.097	2.994	9.2	20.6
1 16	5 12.50	+10 26.9	2.164	2.989	12.1	20.8

456353 2006 TM_{78} 12 16.0 17°.24 3°.1/15.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 1.42	+17 9.0	1.683	2.477	16.7	21.3
11 17	5 57.90	+16 35.5	1.606	2.480	13.3	21.1
11 27	5 51.62	+16 4.7	1.550	2.483	9.4	20.8
12 7	5 43.27	+15 38.3	1.518	2.487	5.2	20.6
12 17	5 33.87	+15 18.1	1.513	2.491	3.2	20.5
12 27	5 24.71	+15 5.7	1.536	2.495	6.3	20.7
1 6	5 16.98	+15 2.1	1.585	2.501	10.4	21.0
1 16	5 11.57	+15 7.4	1.659	2.506	14.1	21.2

445335 2010 JR_{75} 12 16.0 171°.71 6°.9/15.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 3.13	+ 5 11.7	2.184	2.933	14.7	21.6
11 17	5 58.46	+ 4 9.4	2.103	2.936	12.3	21.4
11 27	5 51.62	+ 3 15.8	2.043	2.939	9.7	21.2
12 7	5 43.16	+ 2 35.1	2.009	2.941	7.6	21.1
12 17	5 33.89	+ 2 10.5	2.003	2.942	7.0	21.1
12 27	5 24.77	+ 2 3.9	2.025	2.943	8.3	21.2
1 6	5 16.73	+ 2 15.1	2.074	2.943	10.7	21.3
1 16	5 10.48	+ 2 42.0	2.148	2.943	13.2	21.5

195959 2002 RP_{167} 12 16.0 357°.49 5°.6/15.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	5 58.88	+ 8 8.8	2.201	2.967	14.1	19.9
11 17	5 55.19	+ 7 24.6	2.118	2.967	11.6	19.7
11 27	5 49.42	+ 6 48.2	2.056	2.966	8.9	19.5
12 7	5 42.11	+ 6 22.3	2.020	2.965	6.5	19.4
12 17	5 34.00	+ 6 9.6	2.011	2.965	5.6	19.3
12 27	5 26.02	+ 6 11.2	2.031	2.965	7.1	19.4
1 6	5 19.03	+ 6 26.8	2.077	2.966	9.8	19.6
1 16	5 13.74	+ 6 54.8	2.149	2.966	12.4	19.8

386628 2009 SP_{75} 12 16.0 5°.50 9°.7/15.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	5 58.90	+ 6 48.4	1.153	1.965	21.8	20.5
11 17	5 56.95	+ 5 32.2	1.090	1.964	18.2	20.3
11 27	5 51.52	+ 4 29.7	1.044	1.965	14.2	20.1
12 7	5 43.39	+ 3 48.8	1.019	1.967	10.9	19.9
12 17	5 33.86	+ 3 35.4	1.015	1.970	9.7	19.8
12 27	5 24.62	+ 3 51.9	1.035	1.974	11.7	20.0
1 6	5 17.23	+ 4 35.6	1.077	1.980	15.3	20.2
1 16	5 12.79	+ 5 40.9	1.138	1.986	19.1	20.4

247206 2001 PC_{27} 12 16.0 106°.85 0°.4/16.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.09	+25 1.6	2.152	2.923	14.3	20.9
11 17	6 0.91	+25 0.3	2.078	2.940	11.2	20.7
11 27	5 53.31	+24 56.8	2.026	2.957	7.7	20.5
12 7	5 43.96	+24 49.8	2.001	2.973	3.8	20.3
12 17	5 33.81	+24 38.9	2.006	2.989	0.6	20.1
12 27	5 23.98	+24 24.6	2.041	3.005	4.4	20.4
1 6	5 15.48	+24 8.7	2.104	3.020	8.1	20.7
1 16	5 9.05	+23 53.2	2.195	3.035	11.4	20.9

205142 1999 WQ_{15} 12 16.0 12°.16 0°.9/15.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 3.17	+21 53.6	1.574	2.372	17.5	21.2
11 17	5 59.65	+21 43.4	1.495	2.373	13.9	20.9
11 27	5 53.03	+21 33.2	1.437	2.374	9.6	20.7
12 7	5 44.03	+21 22.7	1.403	2.376	4.7	20.4
12 17	5 33.81	+21 11.8	1.395	2.379	1.0	20.2
12 27	5 23.81	+21 1.3	1.415	2.381	5.7	20.5
1 6	5 15.42	+20 52.9	1.462	2.385	10.4	20.8
1 16	5 9.64	+20 48.3	1.532	2.388	14.6	21.0

113299 2002 RE_{182} 12 16.0 61°.24 0°.1/16.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 2.96	+25 28.8	2.255	3.029	13.6	18.6
11 17	5 58.36	+24 55.5	2.173	3.038	10.7	18.4
11 27	5 51.52	+24 18.1	2.114	3.046	7.3	18.2
12 7	5 43.09	+23 36.7	2.083	3.055	3.6	18.0
12 17	5 33.92	+22 52.2	2.080	3.064	0.4	17.7
12 27	5 25.05	+22 6.7	2.109	3.073	4.3	18.0
1 6	5 17.40	+21 23.1	2.166	3.083	7.9	18.3
1 16	5 11.66	+20 43.8	2.250	3.092	11.1	18.5

329133 2011 CZ_{89} 12 16.0 121°.85 4°.6/15.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 0.05	+ 9 23.8	2.386	3.147	13.3	21.3
11 17	5 55.92	+ 8 55.8	2.302	3.150	10.8	21.1
11 27	5 49.82	+ 8 34.8	2.241	3.153	8.1	20.9
12 7	5 42.28	+ 8 23.0	2.206	3.157	5.6	20.8
12 17	5 34.01	+ 8 21.8	2.199	3.160	4.6	20.7
12 27	5 25.86	+ 8 31.8	2.221	3.162	6.2	20.8
1 6	5 18.66	+ 8 52.5	2.272	3.165	8.8	21.0
1 16	5 13.06	+ 9 22.6	2.348	3.168	11.4	21.2

329897 2005 GY_{132} 12 16.0 126°.00 2°.6/16.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 11.27	+27 57.1	1.667	2.445	17.5	21.6
11 17	6 6.03	+28 36.3	1.593	2.457	14.0	21.4
11 27	5 57.40	+29 13.2	1.540	2.469	9.8	21.1
12 7	5 46.17	+29 43.3	1.511	2.480	5.3	20.9
12 17	5 33.59	+30 2.5	1.510	2.490	2.7	20.8
12 27	5 21.30	+30 9.7	1.539	2.500	6.0	21.0
1 6	5 10.84	+30 6.5	1.595	2.510	10.3	21.3
1 16	5 3.27	+29 57.1	1.675	2.519	14.1	21.5

49086 1998 RB_{68} 12 16.0 4°.47 2°.8/15.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 0.36	+18 49.2	1.415	2.225	18.5	18.8
11 17	5 57.67	+18 16.1	1.340	2.224	14.8	18.6
11 27	5 51.79	+17 44.5	1.286	2.225	10.3	18.3
12 7	5 43.47	+17 16.3	1.254	2.226	5.5	18.1
12 17	5 33.89	+16 53.2	1.248	2.228	2.9	17.9
12 27	5 24.56	+16 37.4	1.268	2.232	6.7	18.2
1 6	5 16.92	+16 30.1	1.313	2.236	11.4	18.4
1 16	5 11.96	+16 32.2	1.381	2.241	15.6	18.7

423873 2006 RO_{45} 12 16.0 88°.58 0°.5/15.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 0.02	+21 22.2	2.717	3.486	11.7	22.0
11 17	5 55.72	+21 22.0	2.634	3.496	9.2	21.8
11 27	5 49.59	+21 22.2	2.575	3.506	6.2	21.7
12 7	5 42.14	+21 22.5	2.543	3.515	3.1	21.5
12 17	5 34.04	+21 22.4	2.541	3.525	0.6	21.3
12 27	5 26.10	+21 22.4	2.570	3.534	3.7	21.5
1 6	5 19.05	+21 22.9	2.629	3.543	6.8	21.8
1 16	5 13.52	+21 24.6	2.714	3.553	9.5	21.9

245365 2005 FD_{14} 12 16.0 233°.03 0°.8/15.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.46	+23 42.1	2.068	2.843	14.6	20.9
11 17	6 0.72	+23 7.5	1.970	2.835	11.6	20.6
11 27	5 53.40	+22 29.2	1.895	2.827	8.0	20.4
12 7	5 44.13	+21 47.2	1.846	2.819	4.0	20.1
12 17	5 33.82	+21 2.6	1.827	2.810	0.9	19.9
12 27	5 23.66	+20 17.7	1.837	2.801	4.9	20.2
1 6	5 14.77	+19 35.5	1.877	2.792	9.0	20.4
1 16	5 8.00	+18 58.8	1.942	2.782	12.6	20.6

48833 1997 YA_{5} 12 16.0 355°.17 0°.7/16.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 4.65	+29 46.2	1.562	2.355	17.8	17.1
11 17	6 0.92	+28 50.1	1.477	2.352	14.2	16.8
11 27	5 53.90	+27 42.0	1.413	2.349	9.9	16.5
12 7	5 44.43	+26 21.8	1.373	2.346	4.9	16.3
12 17	5 33.80	+24 51.9	1.361	2.345	0.8	16.0
12 27	5 23.57	+23 17.6	1.377	2.344	5.7	16.3
1 6	5 15.17	+21 46.2	1.421	2.345	10.6	16.6
1 16	5 9.57	+20 24.0	1.489	2.346	14.8	16.8

160383 2004 JL_{19} 12 16.0 248°.64 2°.4/16.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.52	+27 46.9	1.636	2.422	17.4	20.7
11 17	6 3.38	+28 15.9	1.547	2.416	14.0	20.5
11 27	5 55.83	+28 42.7	1.479	2.411	9.9	20.2
12 7	5 45.53	+29 3.5	1.435	2.405	5.3	19.9
12 17	5 33.66	+29 14.6	1.418	2.399	2.5	19.7
12 27	5 21.85	+29 14.8	1.429	2.393	6.1	19.9
1 6	5 11.69	+29 6.0	1.467	2.386	10.7	20.2
1 16	5 4.40	+28 51.9	1.529	2.380	14.9	20.4

7968 Elst–Pizarro 12 16.0 141°.37 0°.5/15.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 1.56	+21 41.4	2.790	3.554	11.5	21.3
11 17	5 56.86	+21 38.2	2.703	3.562	9.0	21.1
11 27	5 50.35	+21 34.8	2.641	3.570	6.2	21.0
12 7	5 42.51	+21 31.1	2.606	3.578	3.0	20.8
12 17	5 34.02	+21 26.9	2.602	3.585	0.6	20.6
12 27	5 25.67	+21 22.4	2.629	3.592	3.7	20.8
1 6	5 18.23	+21 18.4	2.686	3.599	6.7	21.0
1 16	5 12.29	+21 15.8	2.770	3.605	9.4	21.2

235595 2004 PZ_{44} 12 16.0 54°.38 4°.7/16.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.68	+32 49.7	1.472	2.260	19.0	20.3
11 17	6 4.52	+33 31.0	1.406	2.273	15.3	20.1
11 27	5 56.62	+34 5.0	1.360	2.286	11.1	19.9
12 7	5 45.85	+34 25.8	1.336	2.299	6.9	19.7
12 17	5 33.66	+34 29.0	1.339	2.312	4.7	19.6
12 27	5 21.93	+34 14.1	1.369	2.326	7.2	19.7
1 6	5 12.32	+33 45.2	1.424	2.340	11.3	20.0
1 16	5 5.96	+33 8.4	1.503	2.354	15.1	20.3

441894 2010 DT_{25} 12 16.0 58°.73 12°.5/21.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 27.15	+57 17.5	1.745	2.426	20.2	20.9
11 17	6 20.06	+57 57.9	1.683	2.440	18.0	20.8
11 27	6 7.50	+58 13.0	1.636	2.456	15.8	20.7
12 7	5 51.01	+57 51.9	1.610	2.471	13.8	20.6
12 17	5 33.15	+56 47.7	1.605	2.486	12.6	20.6
12 27	5 16.93	+55 2.0	1.626	2.502	12.7	20.6
1 6	5 4.54	+52 45.2	1.671	2.518	14.0	20.7
1 16	4 56.96	+50 11.5	1.740	2.534	15.9	20.9

203 Pompeja 12 16.0 30°.92 1°.9/16.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 4.51	+27 58.9	1.808	2.592	16.1	13.0
11 17	6 0.46	+28 12.7	1.727	2.595	12.8	12.8
11 27	5 53.47	+28 22.7	1.666	2.598	8.9	12.5
12 7	5 44.24	+28 26.5	1.631	2.602	4.7	12.3
12 17	5 33.85	+28 22.0	1.624	2.605	1.9	12.1
12 27	5 23.67	+28 9.5	1.645	2.609	5.3	12.4
1 6	5 15.02	+27 51.0	1.694	2.613	9.5	12.6
1 16	5 8.83	+27 29.9	1.767	2.617	13.2	12.9

130012 1999 VR_{53} 12 16.0 48°.24 0°.7/16.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.17	+24 41.2	1.564	2.359	17.7	19.8
11 17	6 1.22	+24 49.4	1.494	2.369	14.0	19.5
11 27	5 54.08	+24 56.1	1.444	2.380	9.6	19.3
12 7	5 44.54	+24 59.5	1.418	2.391	4.7	19.1
12 17	5 33.83	+24 58.1	1.419	2.403	0.8	18.8
12 27	5 23.46	+24 52.0	1.448	2.414	5.6	19.2
1 6	5 14.83	+24 43.3	1.503	2.426	10.2	19.5
1 16	5 8.93	+24 34.4	1.583	2.438	14.2	19.7

299624 2006 JS_{35} 12 16.0 119°.19 1°.5/15.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.12	+19 3.1	2.118	2.888	14.5	22.1
11 17	6 0.90	+18 55.3	2.043	2.904	11.4	22.0
11 27	5 53.32	+18 49.5	1.991	2.920	7.9	21.8
12 7	5 44.02	+18 45.6	1.965	2.936	4.0	21.6
12 17	5 33.90	+18 43.4	1.969	2.951	1.6	21.4
12 27	5 24.06	+18 43.4	2.003	2.965	4.8	21.7
1 6	5 15.50	+18 46.1	2.066	2.979	8.5	21.9
1 16	5 8.96	+18 52.3	2.156	2.992	11.7	22.2

143818 2003 WF_{138} 12 16.0 45°.08 0°.8/16.1 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.94	+24 37.0	1.178	1.992	21.3	19.8
11 17	6 3.48	+24 45.6	1.120	2.006	16.8	19.6
11 27	5 56.05	+24 52.9	1.080	2.021	11.6	19.3
12 7	5 45.61	+24 56.3	1.063	2.037	5.7	19.0
12 17	5 33.76	+24 53.8	1.070	2.053	0.9	18.8
12 27	5 22.50	+24 45.9	1.102	2.070	6.6	19.2
1 6	5 13.58	+24 35.2	1.160	2.088	12.0	19.5
1 16	5 8.09	+24 25.3	1.239	2.105	16.6	19.9

294209 2007 TM_{448} 12 16.0 97°.06 4°.0/16.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 10.39	+34 20.1	1.913	2.676	16.1	21.3
11 17	6 4.90	+34 41.2	1.843	2.694	13.0	21.1
11 27	5 56.35	+34 53.7	1.794	2.712	9.4	21.0
12 7	5 45.57	+34 53.5	1.771	2.730	5.9	20.8
12 17	5 33.77	+34 38.1	1.775	2.747	4.0	20.7
12 27	5 22.44	+34 8.2	1.809	2.764	6.0	20.9
1 6	5 12.87	+33 27.5	1.871	2.781	9.4	21.1
1 16	5 5.97	+32 41.4	1.958	2.797	12.6	21.3

373949 2003 WW_{10} 12 16.0 56°.81 5°.4/16.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 10.42	+33 59.6	1.294	2.088	20.8	20.5
11 17	6 6.45	+34 36.6	1.230	2.099	16.9	20.3
11 27	5 58.24	+35 4.0	1.184	2.111	12.3	20.0
12 7	5 46.75	+35 15.0	1.161	2.123	7.8	19.8
12 17	5 33.65	+35 4.9	1.162	2.135	5.4	19.7
12 27	5 21.12	+34 33.8	1.189	2.147	8.0	19.9
1 6	5 11.10	+33 47.6	1.241	2.160	12.3	20.2
1 16	5 4.77	+32 54.4	1.316	2.173	16.4	20.5

399480 2002 RB_{277} 12 16.0 176°.53 0°.6/16.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.91	+25 17.4	2.182	2.952	14.1	22.2
11 17	6 0.97	+25 18.7	2.092	2.954	11.2	22.0
11 27	5 53.53	+25 17.9	2.025	2.955	7.7	21.8
12 7	5 44.22	+25 13.4	1.984	2.956	3.8	21.6
12 17	5 33.92	+25 4.4	1.972	2.956	0.7	21.4
12 27	5 23.78	+24 51.4	1.992	2.956	4.5	21.6
1 6	5 14.88	+24 35.8	2.040	2.956	8.3	21.9
1 16	5 8.04	+24 20.1	2.114	2.955	11.7	22.1

112546 2002 PF_{42} 12 16.0 52°.44 2°.2/15.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 0.88	+16 29.5	2.190	2.967	13.9	19.0
11 17	5 56.80	+16 25.5	2.114	2.978	11.0	18.8
11 27	5 50.54	+16 25.5	2.060	2.989	7.7	18.6
12 7	5 42.70	+16 29.9	2.032	3.001	4.2	18.4
12 17	5 34.09	+16 38.7	2.033	3.012	2.2	18.3
12 27	5 25.66	+16 51.7	2.064	3.024	4.8	18.5
1 6	5 18.34	+17 8.9	2.123	3.036	8.2	18.7
1 16	5 12.82	+17 29.9	2.208	3.048	11.3	18.9

297328 1999 US_{35} 12 16.0 336°.57 6°.1/14.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 0.77	+14 34.3	1.476	2.278	18.3	20.3
11 17	5 57.87	+13 7.0	1.393	2.268	14.8	20.0
11 27	5 51.92	+11 40.1	1.330	2.259	10.9	19.8
12 7	5 43.59	+10 19.1	1.290	2.251	7.3	19.5
12 17	5 33.98	+ 9 10.0	1.276	2.243	6.2	19.5
12 27	5 24.54	+ 8 18.2	1.289	2.236	8.9	19.6
1 6	5 16.63	+ 7 46.6	1.326	2.230	12.9	19.8
1 16	5 11.27	+ 7 35.5	1.385	2.225	16.8	20.0

456198 2006 HE_{151} 12 16.0 195°.56 3°.7/15.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 59.98	+ 8 46.1	3.115	3.859	10.8	21.9
11 17	5 55.43	+ 8 32.9	3.019	3.856	8.8	21.7
11 27	5 49.32	+ 8 25.8	2.946	3.853	6.6	21.6
12 7	5 42.05	+ 8 26.3	2.901	3.849	4.6	21.4
12 17	5 34.16	+ 8 34.9	2.886	3.845	3.8	21.4
12 27	5 26.32	+ 8 52.1	2.901	3.841	5.0	21.5
1 6	5 19.17	+ 9 17.2	2.947	3.835	7.2	21.6
1 16	5 13.24	+ 9 49.3	3.020	3.830	9.4	21.7

522049 2015 XH_{414} 12 16.0 185°.70 1°.3/16.4 18

11 7	6 4.08	+30 9.1	2.655	3.414	12.2	21.2
11 17	5 59.05	+29 46.0	2.560	3.414	9.7	21.0
11 27	5 51.95	+29 16.6	2.488	3.414	6.8	20.9
12 7	5 43.34	+28 39.9	2.444	3.413	3.6	20.6
12 17	5 34.03	+27 56.1	2.431	3.413	1.4	20.5
12 27	5 24.93	+27 6.7	2.449	3.412	3.9	20.7
1 6	5 16.92	+26 14.6	2.497	3.411	7.1	20.9
1 16	5 10.66	+25 22.9	2.573	3.410	10.0	21.1

47933 2000 HS_{7} 12 16.0 339°.82 0°.7/16.0 18

11 7	5 59.28	+21 43.8	1.813	2.609	15.6	18.7
11 17	5 56.35	+21 40.8	1.720	2.597	12.4	18.5
11 27	5 50.72	+21 38.3	1.649	2.586	8.6	18.2
12 7	5 42.98	+21 35.9	1.603	2.576	4.2	18.0
12 17	5 34.05	+21 33.4	1.583	2.567	0.8	17.7
12 27	5 25.17	+21 31.0	1.592	2.559	5.2	18.0
1 6	5 17.54	+21 29.8	1.628	2.551	9.6	18.2
1 16	5 12.13	+21 31.0	1.688	2.544	13.4	18.4

446566 2014 OP_{107} 12 16.0 100°.03 2°.3/16.2 18

11 7	6 5.63	+28 23.3	2.024	2.798	14.9	21.0
11 17	6 1.08	+28 55.2	1.941	2.803	11.9	20.8
11 27	5 53.79	+29 24.5	1.881	2.809	8.4	20.6
12 7	5 44.40	+29 47.8	1.846	2.814	4.6	20.4
12 17	5 33.91	+30 2.6	1.840	2.819	2.4	20.2
12 27	5 23.57	+30 8.0	1.863	2.824	5.2	20.4
1 6	5 14.59	+30 5.1	1.915	2.830	8.9	20.7
1 16	5 7.90	+29 56.9	1.992	2.835	12.3	20.9

427348 2014 WT_{377} 12 16.0 6°.92 7°.6/15.2 17

11 7	5 58.51	+ 2 14.7	2.225	2.974	14.5	20.8
11 17	5 54.88	+ 1 16.7	2.146	2.975	12.3	20.7
11 27	5 49.22	+ 0 29.8	2.089	2.975	10.0	20.5
12 7	5 42.08	− 0 2.1	2.056	2.976	8.2	20.4
12 17	5 34.17	− 0 15.6	2.049	2.977	7.6	20.4
12 27	5 26.38	− 0 9.5	2.070	2.978	8.7	20.4
1 6	5 19.57	+ 0 15.5	2.117	2.980	10.8	20.6
1 16	5 14.41	+ 0 56.7	2.187	2.982	13.0	20.7

265479 2005 CG_{64} 12 16.0 315°.01 3°.7/15.9 18

11 7	6 0.07	+12 3.5	2.263	3.033	13.7	20.3
11 17	5 56.19	+11 51.2	2.172	3.029	11.0	20.1
11 27	5 50.19	+11 45.3	2.103	3.025	8.0	19.9
12 7	5 42.58	+11 47.2	2.061	3.021	5.0	19.7
12 17	5 34.11	+11 57.7	2.046	3.017	3.7	19.6
12 27	5 25.70	+12 17.1	2.061	3.013	5.7	19.7
1 6	5 18.26	+12 44.5	2.105	3.010	8.8	19.9
1 16	5 12.51	+13 18.9	2.174	3.006	11.8	20.1

317323 2002 JZ_{6} 12 16.0 182°.52 2°.0/15.9 18

11 7	6 5.35	+17 24.3	2.312	3.076	13.6	22.0
11 17	6 0.27	+17 16.4	2.219	3.077	10.8	21.9
11 27	5 52.94	+17 11.3	2.150	3.077	7.5	21.6
12 7	5 43.91	+17 9.1	2.108	3.077	4.0	21.4
12 17	5 33.97	+17 10.1	2.096	3.076	2.0	21.3
12 27	5 24.14	+17 14.5	2.114	3.074	4.8	21.5
1 6	5 15.37	+17 22.6	2.162	3.072	8.3	21.7
1 16	5 8.44	+17 34.6	2.237	3.069	11.5	21.9

19371 1997 YP_{11} 12 16.1 356°.85 2°.4/15.8 18

11 7	6 5.42	+19 22.7	1.361	2.165	19.5	17.7
11 17	6 1.90	+18 58.9	1.284	2.164	15.5	17.5
11 27	5 54.88	+18 36.8	1.226	2.164	10.8	17.2
12 7	5 45.10	+18 17.3	1.191	2.163	5.6	16.9
12 17	5 33.84	+18 1.4	1.182	2.163	2.5	16.7
12 27	5 22.82	+17 50.6	1.199	2.163	6.9	17.0
1 6	5 13.64	+17 46.5	1.242	2.164	12.0	17.3
1 16	5 7.45	+17 50.1	1.306	2.164	16.5	17.5

460587 2014 UF_{19} 12 16.1 6°.86 0°.6/16.1 17

11 7	6 1.71	+23 48.3	2.136	2.917	14.1	20.8
11 17	5 57.78	+24 9.9	2.049	2.917	11.1	20.6
11 27	5 51.44	+24 31.9	1.984	2.918	7.6	20.4
12 7	5 43.24	+24 52.5	1.946	2.919	3.8	20.1
12 17	5 34.05	+25 10.0	1.936	2.920	0.7	19.9
12 27	5 24.94	+25 23.8	1.956	2.921	4.5	20.2
1 6	5 16.99	+25 34.1	2.004	2.923	8.3	20.4
1 16	5 11.02	+25 42.1	2.078	2.925	11.6	20.6

471929 2013 PT_{1} 12 16.1 154°.50 3°.6/15.7 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 8.39	+16 45.0	1.539	2.325	18.4	22.6
11 17	6 3.68	+16 6.8	1.462	2.331	14.7	22.4
11 27	5 55.77	+15 31.5	1.405	2.336	10.4	22.1
12 7	5 45.42	+15 1.0	1.372	2.340	5.9	21.9
12 17	5 33.83	+14 37.4	1.367	2.344	3.7	21.8
12 27	5 22.53	+14 22.6	1.389	2.348	7.0	22.0
1 6	5 12.93	+14 17.9	1.438	2.350	11.5	22.2
1 16	5 6.05	+14 23.6	1.511	2.353	15.5	22.5

391331 2006 UY_{5} 12 16.1 154°.84 2°.9/15.6 18

11 7	6 3.94	+14 38.0	2.627	3.383	12.3	22.4
11 17	5 58.74	+14 9.9	2.542	3.393	9.8	22.2
11 27	5 51.65	+13 45.0	2.481	3.402	7.0	22.1
12 7	5 43.19	+13 24.4	2.448	3.410	4.2	21.9
12 17	5 34.08	+13 9.1	2.445	3.418	2.9	21.8
12 27	5 25.13	+13 0.2	2.473	3.424	4.9	22.0
1 6	5 17.14	+12 58.0	2.531	3.430	7.7	22.1
1 16	5 10.73	+13 2.7	2.616	3.436	10.4	22.3

450626 2006 TA_{24} 12 16.1 96°.04 2°.6/15.8 18

11 7	6 3.03	+17 11.0	1.962	2.742	15.2	21.4
11 17	5 58.79	+16 46.3	1.880	2.746	12.1	21.2
11 27	5 52.07	+16 24.2	1.821	2.751	8.4	21.0
12 7	5 43.52	+16 5.8	1.787	2.756	4.7	20.8
12 17	5 34.04	+15 52.3	1.782	2.761	2.7	20.6
12 27	5 24.76	+15 44.6	1.806	2.765	5.5	20.8
1 6	5 16.74	+15 43.5	1.858	2.770	9.3	21.1
1 16	5 10.78	+15 49.3	1.934	2.774	12.7	21.3

451313 2010 UE_{50} 12 16.1 344°.56 3°.1/16.0 17

11 7	6 5.56	+28 53.1	1.980	2.756	15.2	21.6
11 17	6 1.28	+29 45.1	1.892	2.754	12.2	21.4
11 27	5 54.11	+30 35.8	1.826	2.753	8.6	21.2
12 7	5 44.66	+31 20.8	1.786	2.752	5.0	21.0
12 17	5 33.91	+31 56.2	1.775	2.752	3.1	20.9
12 27	5 23.17	+32 19.7	1.793	2.751	5.7	21.0
1 6	5 13.78	+32 31.9	1.838	2.750	9.4	21.2
1 16	5 6.74	+32 35.4	1.909	2.750	12.8	21.5

369654 2011 FU_{75} 12 16.1 30°.02 5°.4/15.5 17

11 7	5 59.43	+ 8 44.1	2.155	2.923	14.3	21.1
11 17	5 55.67	+ 8 1.9	2.076	2.927	11.7	20.9
11 27	5 49.80	+ 7 27.4	2.019	2.931	8.9	20.8
12 7	5 42.37	+ 7 3.4	1.987	2.935	6.4	20.6
12 17	5 34.17	+ 6 52.1	1.983	2.940	5.5	20.6
12 27	5 26.13	+ 6 54.8	2.007	2.944	7.0	20.7
1 6	5 19.13	+ 7 10.9	2.058	2.949	9.7	20.9
1 16	5 13.87	+ 7 38.9	2.134	2.955	12.4	21.0

269439 2009 SV_{204} 12 16.1 235°.22 0°.8/15.9 18

11 7	6 6.93	+21 59.0	1.727	2.511	16.7	21.4
11 17	6 2.55	+21 49.0	1.633	2.502	13.4	21.1
11 27	5 55.08	+21 38.6	1.559	2.493	9.3	20.9
12 7	5 45.17	+21 27.2	1.511	2.484	4.6	20.6
12 17	5 33.87	+21 14.5	1.490	2.474	1.0	20.3
12 27	5 22.61	+21 1.4	1.499	2.464	5.7	20.6
1 6	5 12.82	+20 49.5	1.535	2.453	10.4	20.8
1 16	5 5.57	+20 41.1	1.595	2.442	14.5	21.1

199555 2006 EV_{24} 12 16.1 131°.21 2°.1/15.8 18

11 7	6 1.42	+16 23.9	2.658	3.422	12.0	21.7
11 17	5 56.80	+16 10.1	2.575	3.432	9.5	21.6
11 27	5 50.36	+15 59.1	2.516	3.442	6.7	21.4
12 7	5 42.59	+15 51.4	2.484	3.451	3.7	21.2
12 17	5 34.17	+15 47.5	2.482	3.460	2.2	21.1
12 27	5 25.90	+15 47.9	2.511	3.469	4.3	21.3
1 6	5 18.56	+15 52.7	2.570	3.478	7.3	21.5
1 16	5 12.72	+16 2.1	2.656	3.486	10.0	21.7

275044 2009 UK_{71} 12 16.1 66°.53 4°.9/16.4 18

11 7	6 10.38	+32 25.7	1.431	2.219	19.4	20.6
11 17	6 6.02	+33 15.8	1.367	2.233	15.7	20.4
11 27	5 57.77	+33 59.3	1.321	2.247	11.4	20.2
12 7	5 46.51	+34 29.7	1.299	2.262	7.1	20.0
12 17	5 33.75	+34 41.9	1.303	2.276	4.9	19.9
12 27	5 21.45	+34 34.8	1.334	2.291	7.5	20.1
1 6	5 11.37	+34 12.3	1.390	2.305	11.5	20.3
1 16	5 4.66	+33 40.7	1.469	2.320	15.4	20.6

266120 2006 SD_{345} 12 16.1 56°.56 0°.5/16.0 18

11 7	6 8.66	+23 23.1	1.229	2.036	20.9	20.4
11 17	6 4.45	+23 8.2	1.175	2.057	16.5	20.2
11 27	5 56.47	+22 51.7	1.139	2.079	11.3	20.0
12 7	5 45.74	+22 33.0	1.127	2.101	5.5	19.7
12 17	5 33.85	+22 12.1	1.139	2.123	0.8	19.4
12 27	5 22.67	+21 50.8	1.179	2.146	6.4	19.9
1 6	5 13.80	+21 31.9	1.243	2.169	11.6	20.3
1 16	5 8.20	+21 18.2	1.330	2.191	16.0	20.6

25643 2000 AK_{68} 12 16.1 124°.12 0°.9/16.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 8.90	+22 51.7	2.032	2.801	15.1	18.4
11 17	6 3.51	+23 39.6	1.952	2.813	11.9	18.2
11 27	5 55.41	+24 29.9	1.895	2.824	8.2	18.0
12 7	5 45.21	+25 19.4	1.864	2.836	4.1	17.8
12 17	5 33.89	+26 4.7	1.864	2.847	1.0	17.6
12 27	5 22.71	+26 43.5	1.894	2.857	4.8	17.9
1 6	5 12.86	+27 15.4	1.953	2.867	8.8	18.1
1 16	5 5.27	+27 41.5	2.039	2.877	12.2	18.4

154361 2002 XH_{55} 12 16.1 8°.48 2°.9/15.9 18

11 7	6 0.53	+18 15.9	1.127	1.953	21.3	20.0
11 17	5 58.60	+17 55.7	1.061	1.954	17.0	19.7
11 27	5 52.90	+17 39.7	1.013	1.956	11.9	19.4
12 7	5 44.23	+17 29.5	0.986	1.959	6.3	19.1
12 17	5 34.00	+17 26.1	0.982	1.964	3.0	18.9
12 27	5 24.10	+17 30.3	1.003	1.969	7.5	19.2
1 6	5 16.25	+17 42.5	1.047	1.976	12.8	19.5
1 16	5 11.63	+18 2.4	1.112	1.985	17.6	19.8

215509 2002 TL_{382} 12 16.1 16°.02 1°.7/15.9 17

11 7	6 1.75	+20 7.2	1.517	2.320	17.8	20.2
11 17	5 58.59	+19 50.3	1.444	2.324	14.1	19.9
11 27	5 52.36	+19 34.8	1.390	2.328	9.8	19.7
12 7	5 43.80	+19 21.1	1.360	2.333	5.0	19.4
12 17	5 34.06	+19 9.8	1.357	2.339	1.8	19.2
12 27	5 24.59	+19 2.1	1.380	2.346	6.0	19.5
1 6	5 16.74	+18 58.9	1.430	2.353	10.6	19.8
1 16	5 11.47	+19 1.4	1.503	2.361	14.7	20.1

367414 2008 RZ_{49} 12 16.1 30°.29 1°.6/16.4 16

11 7	6 2.82	+28 45.4	1.835	2.621	15.8	20.4
11 17	5 58.93	+28 37.6	1.764	2.633	12.5	20.2
11 27	5 52.29	+28 24.1	1.713	2.646	8.7	20.0
12 7	5 43.65	+28 3.4	1.688	2.659	4.5	19.8
12 17	5 34.09	+27 35.1	1.690	2.673	1.6	19.6
12 27	5 24.89	+27 0.8	1.721	2.687	5.0	19.8
1 6	5 17.23	+26 23.5	1.780	2.701	9.0	20.1
1 16	5 11.91	+25 46.9	1.864	2.717	12.5	20.4

239424 2007 TJ_{138} 12 16.1 145°.29 1°.5/15.9 18

11 7	6 5.72	+19 30.6	2.256	3.022	13.8	22.0
11 17	6 0.54	+19 16.3	2.173	3.033	10.9	21.8
11 27	5 53.09	+19 3.0	2.114	3.042	7.5	21.6
12 7	5 43.98	+18 50.9	2.081	3.052	3.9	21.4
12 17	5 34.06	+18 40.2	2.079	3.060	1.6	21.2
12 27	5 24.34	+18 31.7	2.107	3.068	4.6	21.5
1 6	5 15.81	+18 26.3	2.164	3.076	8.2	21.7
1 16	5 9.18	+18 24.9	2.248	3.082	11.4	21.9

493392 2014 WC_{160} 12 16.1 327°.54 1°.8/16.1 18

11 7	6 0.99	+16 43.5	2.249	3.023	13.6	21.2
11 17	5 57.03	+16 53.4	2.156	3.020	10.8	21.0
11 27	5 50.84	+17 8.1	2.086	3.016	7.6	20.8
12 7	5 42.97	+17 27.2	2.043	3.013	4.0	20.6
12 17	5 34.16	+17 50.3	2.028	3.009	1.8	20.5
12 27	5 25.38	+18 16.7	2.044	3.006	4.7	20.6
1 6	5 17.60	+18 45.7	2.088	3.003	8.2	20.9
1 16	5 11.60	+19 16.9	2.158	3.000	11.5	21.1

49631 1999 GA_{23} 12 16.1 330°.24 4°.8/16.4 18

11 7	6 4.27	+35 48.3	2.239	3.000	14.1	18.5
11 17	6 0.14	+36 34.8	2.147	2.994	11.5	18.3
11 27	5 53.27	+37 15.0	2.078	2.989	8.7	18.2
12 7	5 44.25	+37 44.3	2.034	2.985	6.0	18.0
12 17	5 34.03	+37 59.1	2.018	2.980	4.8	17.9
12 27	5 23.86	+37 58.0	2.030	2.976	6.3	18.0
1 6	5 14.96	+37 42.7	2.071	2.972	9.1	18.2
1 16	5 8.29	+37 17.0	2.136	2.968	12.0	18.3

384357 2009 UA_{72} 12 16.1 53°.12 2°.2/15.8 16

11 7	6 6.49	+20 33.8	1.309	2.114	20.0	21.2
11 17	6 2.53	+19 59.4	1.250	2.131	15.8	21.0
11 27	5 55.09	+19 25.3	1.210	2.148	10.9	20.8
12 7	5 45.10	+18 52.8	1.192	2.165	5.5	20.5
12 17	5 33.97	+18 23.4	1.201	2.183	2.3	20.4
12 27	5 23.42	+17 59.5	1.237	2.201	6.7	20.7
1 6	5 14.93	+17 43.3	1.297	2.219	11.5	21.0
1 16	5 9.43	+17 35.9	1.381	2.238	15.8	21.3

249331 2008 UB_{355} 12 16.1 242°.23 0°.9/16.1 18

11 7	6 1.92	+25 36.6	2.711	3.476	11.8	21.1
11 17	5 57.50	+25 51.6	2.608	3.467	9.3	20.9
11 27	5 51.05	+26 5.4	2.529	3.458	6.5	20.7
12 7	5 43.04	+26 16.5	2.477	3.448	3.3	20.5
12 17	5 34.17	+26 23.7	2.455	3.438	0.9	20.3
12 27	5 25.31	+26 26.7	2.464	3.428	3.9	20.5
1 6	5 17.32	+26 26.2	2.503	3.418	7.1	20.7
1 16	5 10.93	+26 23.5	2.569	3.407	10.0	20.9

300557 2007 TC_{298} 12 16.1 104°.97 2°.2/16.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 6.40	+28 35.9	1.815	2.595	16.2	21.1
11 17	6 2.03	+28 53.1	1.732	2.597	12.9	20.9
11 27	5 54.64	+29 6.3	1.670	2.600	9.1	20.7
12 7	5 44.93	+29 12.6	1.633	2.602	4.9	20.5
12 17	5 34.00	+29 9.6	1.624	2.605	2.2	20.3
12 27	5 23.27	+28 57.2	1.644	2.607	5.5	20.5
1 6	5 14.09	+28 37.9	1.691	2.610	9.6	20.8
1 16	5 7.45	+28 15.1	1.763	2.612	13.3	21.0

30146 Decandia 12 16.1 236°.06 0°.2/16.1 18

11 7	6 1.73	+24 1.3	2.708	3.473	11.8	19.7
11 17	5 57.30	+24 3.5	2.605	3.464	9.3	19.5
11 27	5 50.88	+24 4.5	2.525	3.455	6.4	19.3
12 7	5 42.96	+24 3.7	2.473	3.445	3.2	19.1
12 17	5 34.21	+24 0.4	2.452	3.436	0.4	18.8
12 27	5 25.49	+23 54.8	2.461	3.425	3.8	19.1
1 6	5 17.65	+23 47.7	2.500	3.415	7.1	19.3
1 16	5 11.37	+23 40.5	2.566	3.405	10.0	19.5

336078 2008 FU_{111} 12 16.1 191°.28 2°.9/15.9 18

11 7	6 6.99	+15 55.8	1.854	2.628	16.1	21.8
11 17	6 2.19	+15 42.4	1.765	2.627	12.9	21.6
11 27	5 54.62	+15 33.5	1.698	2.626	9.1	21.4
12 7	5 44.90	+15 29.9	1.656	2.624	5.1	21.1
12 17	5 34.01	+15 32.2	1.643	2.621	3.0	21.0
12 27	5 23.22	+15 40.7	1.659	2.618	6.0	21.2
1 6	5 13.76	+15 55.4	1.703	2.614	10.0	21.4
1 16	5 6.58	+16 16.1	1.772	2.610	13.8	21.6

217525 2006 VJ_{151} 12 16.1 120°.90 2°.1/16.0 18

11 7	6 9.52	+17 30.2	1.718	2.494	17.1	20.7
11 17	6 4.17	+17 28.1	1.646	2.510	13.6	20.5
11 27	5 55.90	+17 30.3	1.596	2.526	9.4	20.3
12 7	5 45.46	+17 36.7	1.571	2.541	4.9	20.0
12 17	5 33.96	+17 46.6	1.575	2.556	2.2	19.9
12 27	5 22.80	+17 59.9	1.608	2.570	5.7	20.1
1 6	5 13.24	+18 16.5	1.669	2.583	10.0	20.4
1 16	5 6.20	+18 36.6	1.754	2.596	13.7	20.7

213175 2000 SX_{107} 12 16.1 105°.01 0°.3/16.1 18

11 7	6 12.28	+24 6.5	1.559	2.340	18.4	21.1
11 17	6 6.66	+24 9.1	1.494	2.362	14.5	20.9
11 27	5 57.72	+24 10.3	1.450	2.383	9.9	20.6
12 7	5 46.35	+24 8.0	1.431	2.403	4.8	20.4
12 17	5 33.88	+24 1.0	1.439	2.423	0.6	20.1
12 27	5 21.93	+23 50.0	1.477	2.442	5.6	20.5
1 6	5 11.95	+23 37.1	1.542	2.461	10.3	20.9
1 16	5 4.89	+23 25.4	1.631	2.479	14.3	21.1

448319 2009 DV_{11} 12 16.1 8°.46 19°.3/25.0 17

11 7	6 30.44	+66 36.7	1.403	2.066	25.0	20.3
11 17	6 27.76	+68 5.1	1.349	2.067	23.5	20.1
11 27	6 15.82	+69 2.5	1.306	2.070	21.9	20.0
12 7	5 56.03	+69 12.3	1.277	2.074	20.5	19.9
12 17	5 32.90	+68 20.7	1.264	2.079	19.6	19.9
12 27	5 12.57	+66 25.4	1.268	2.086	19.3	19.9
1 6	4 59.10	+63 39.0	1.291	2.094	19.9	20.0
1 16	4 53.38	+60 20.5	1.332	2.103	21.0	20.1

218152 2002 RU_{116} 12 16.1 76°.39 2°.4/16.4 18

11 7	6 14.18	+29 34.2	1.466	2.247	19.3	20.7
11 17	6 8.26	+29 38.2	1.413	2.279	15.3	20.5
11 27	5 58.78	+29 35.1	1.380	2.309	10.6	20.3
12 7	5 46.79	+29 21.8	1.371	2.340	5.6	20.1
12 17	5 33.85	+28 56.9	1.389	2.370	2.4	20.0
12 27	5 21.73	+28 22.2	1.436	2.400	6.0	20.3
1 6	5 11.91	+27 42.5	1.510	2.429	10.5	20.6
1 16	5 5.26	+27 3.0	1.608	2.457	14.3	20.9

129716 1998 TA_{28} 12 16.1 56°.71 0°.8/16.0 17

11 7	6 1.98	+21 22.9	2.185	2.962	13.9	20.6
11 17	5 57.83	+21 16.4	2.099	2.965	11.0	20.5
11 27	5 51.39	+21 10.3	2.036	2.969	7.5	20.2
12 7	5 43.24	+21 4.2	1.999	2.972	3.7	20.0
12 17	5 34.21	+20 57.9	1.992	2.975	0.9	19.8
12 27	5 25.34	+20 52.1	2.014	2.978	4.5	20.1
1 6	5 17.60	+20 47.7	2.065	2.982	8.2	20.3
1 16	5 11.75	+20 45.6	2.141	2.985	11.5	20.5

217488 2006 EB_{45} 12 16.1 23°.06 4°.7/16.3 17

11 7	6 5.21	+33 58.9	2.013	2.782	15.2	19.4
11 17	6 1.07	+34 53.0	1.932	2.786	12.3	19.2
11 27	5 54.01	+35 41.5	1.872	2.790	9.1	19.0
12 7	5 44.67	+36 19.7	1.838	2.794	6.1	18.8
12 17	5 34.08	+36 43.2	1.832	2.798	4.7	18.8
12 27	5 23.60	+36 50.6	1.854	2.803	6.5	18.9
1 6	5 14.57	+36 43.5	1.903	2.808	9.5	19.1
1 16	5 7.97	+36 25.8	1.977	2.814	12.6	19.3

265518 2005 MF_9 12 16.1 176°.16 3°.0/15.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 7.42	+15 23.3	1.862	2.634	16.1	21.5
11 17	6 2.48	+15 11.5	1.776	2.637	12.9	21.3
11 27	5 54.79	+15 4.7	1.712	2.638	9.1	21.1
12 7	5 44.99	+15 3.9	1.673	2.640	5.2	20.9
12 17	5 34.06	+15 9.3	1.662	2.640	3.1	20.7
12 27	5 23.26	+15 21.3	1.682	2.640	6.0	20.9
1 6	5 13.81	+15 39.5	1.729	2.639	10.0	21.1
1 16	5 6.63	+16 3.7	1.801	2.638	13.6	21.4

22219 2066 $T\text{-}_2$ 12 16.1 101°.89 1°.8/15.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 2.50	+18 55.3	2.261	3.034	13.6	19.2
11 17	5 58.04	+18 34.7	2.180	3.043	10.7	19.0
11 27	5 51.41	+18 15.4	2.122	3.052	7.4	18.8
12 7	5 43.21	+17 57.9	2.092	3.062	3.9	18.6
12 17	5 34.25	+17 42.9	2.090	3.071	1.8	18.5
12 27	5 25.49	+17 31.3	2.118	3.079	4.7	18.7
1 6	5 17.85	+17 24.1	2.176	3.088	8.1	18.9
1 16	5 12.02	+17 21.9	2.259	3.097	11.2	19.1

185611 2008 CK_{46} 12 16.1 204°.85 3°.9/15.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 2.20	+11 37.0	2.572	3.328	12.6	21.2
11 17	5 57.58	+11 5.1	2.476	3.324	10.2	21.0
11 27	5 51.03	+10 37.9	2.403	3.318	7.5	20.8
12 7	5 43.04	+10 17.2	2.357	3.313	4.9	20.7
12 17	5 34.28	+10 4.5	2.341	3.306	3.9	20.6
12 27	5 25.57	+10 0.9	2.355	3.299	5.6	20.7
1 6	5 17.74	+10 6.7	2.398	3.292	8.3	20.9
1 16	5 11.45	+10 21.3	2.467	3.284	11.0	21.0

304151 2006 ME_{14} 12 16.1 178°.54 3°.0/16.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 9.21	+30 6.1	2.333	3.089	13.7	21.1
11 17	6 3.72	+30 54.9	2.241	3.091	11.0	20.9
11 27	5 55.60	+31 41.3	2.172	3.092	7.9	20.7
12 7	5 45.40	+32 21.1	2.130	3.093	4.7	20.5
12 17	5 34.03	+32 51.0	2.118	3.093	3.0	20.4
12 27	5 22.69	+33 9.0	2.137	3.093	5.2	20.5
1 6	5 12.54	+33 16.0	2.186	3.091	8.4	20.7
1 16	5 4.51	+33 14.7	2.261	3.090	11.5	20.9

132658 2002 LA_{56} 12 16.1 158°.50 6°.4/15.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 3.80	+ 4 46.3	2.314	3.056	14.2	20.7
11 17	5 58.91	+ 3 59.6	2.234	3.064	11.8	20.5
11 27	5 51.95	+ 3 22.3	2.176	3.070	9.3	20.3
12 7	5 43.47	+ 2 57.8	2.144	3.076	7.2	20.2
12 17	5 34.24	+ 2 48.6	2.140	3.081	6.4	20.2
12 27	5 25.17	+ 2 55.6	2.166	3.086	7.7	20.3
1 6	5 17.12	+ 3 18.1	2.218	3.090	10.0	20.4
1 16	5 10.78	+ 3 54.0	2.296	3.093	12.4	20.6

117437 2005 AW_{30} 12 16.1 297°.42 2°.0/16.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 4.96	+15 33.6	1.732	2.515	16.7	19.4
11 17	6 1.06	+16 4.2	1.636	2.504	13.5	19.1
11 27	5 54.18	+16 44.1	1.562	2.493	9.5	18.9
12 7	5 44.87	+17 32.8	1.512	2.482	5.0	18.6
12 17	5 34.09	+18 28.0	1.490	2.472	2.0	18.4
12 27	5 23.17	+19 27.0	1.497	2.461	5.8	18.6
1 6	5 13.52	+20 27.4	1.532	2.451	10.3	18.8
1 16	5 6.26	+21 27.2	1.591	2.441	14.5	19.1

329452 2002 PP_{167} 12 16.1 111°.72 0°.1/16.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 2.88	+24 52.7	2.427	3.197	12.9	21.1
11 17	5 58.27	+24 31.8	2.341	3.203	10.1	20.9
11 27	5 51.54	+24 8.0	2.278	3.209	6.9	20.7
12 7	5 43.27	+23 41.0	2.243	3.215	3.4	20.5
12 17	5 34.28	+23 11.2	2.237	3.221	0.3	20.3
12 27	5 25.49	+22 39.9	2.262	3.227	4.0	20.6
1 6	5 17.80	+22 9.1	2.316	3.232	7.5	20.8
1 16	5 11.89	+21 40.9	2.397	3.238	10.5	21.0

453414 2009 HE_{49} 12 16.1 123°.81 2°.6/16.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.07	+13 38.1	2.309	3.069	13.7	21.6
11 17	5 59.98	+13 49.3	2.229	3.082	11.0	21.5
11 27	5 52.73	+14 6.9	2.172	3.094	7.7	21.3
12 7	5 43.88	+14 30.9	2.142	3.107	4.4	21.1
12 17	5 34.22	+15 0.8	2.142	3.119	2.6	21.0
12 27	5 24.72	+15 35.5	2.173	3.130	4.9	21.2
1 6	5 16.29	+16 14.0	2.233	3.141	8.2	21.4
1 16	5 9.66	+16 55.2	2.320	3.152	11.1	21.6

92605 2000 PR_{22} 12 16.1 215°.90 4°.8/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 12.51	+37 10.6	2.133	2.879	15.1	20.8
11 17	6 6.77	+37 29.6	2.033	2.871	12.5	20.6
11 27	5 57.91	+37 38.9	1.955	2.862	9.4	20.4
12 7	5 46.59	+37 33.8	1.901	2.852	6.3	20.2
12 17	5 33.95	+37 10.7	1.877	2.842	4.8	20.0
12 27	5 21.45	+36 29.6	1.882	2.831	6.4	20.1
1 6	5 10.52	+35 34.3	1.916	2.819	9.6	20.3
1 16	5 2.21	+34 30.7	1.976	2.806	12.9	20.5

72301 2001 BS_{30} 12 16.1 60°.39 7°.9/16.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 4.14	+ 3 1.3	1.640	2.403	18.3	19.1
11 17	5 59.99	+ 2 36.6	1.573	2.415	15.3	18.9
11 27	5 53.10	+ 2 28.4	1.526	2.426	12.1	18.8
12 7	5 44.16	+ 2 40.6	1.501	2.437	9.2	18.6
12 17	5 34.20	+ 3 14.9	1.502	2.449	8.0	18.6
12 27	5 24.51	+ 4 10.3	1.529	2.461	9.3	18.7
1 6	5 16.27	+ 5 22.9	1.583	2.473	12.1	18.9
1 16	5 10.34	+ 6 47.6	1.660	2.485	15.2	19.1

453074 2007 VD_6 12 16.1 73°.93 0°.6/15.9 15

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 20.12	+13 6.3	1.012	1.808	25.2	20.6
11 17	6 15.18	+15 29.0	0.944	1.819	20.2	20.3
11 27	6 5.17	+18 21.2	0.895	1.831	14.0	20.0
12 7	5 50.72	+21 33.7	0.869	1.843	6.9	19.6
12 17	5 33.50	+24 48.7	0.871	1.855	1.0	19.3
12 27	5 16.22	+27 47.0	0.901	1.867	8.2	19.8
1 6	5 1.65	+30 17.0	0.958	1.879	14.8	20.2
1 16	4 51.66	+32 17.5	1.037	1.891	20.1	20.6

74608 1999 RC_{17} 12 16.1 324°.67 4°.6/16.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.68	+33 31.6	1.348	2.144	20.0	19.1
11 17	6 4.45	+33 47.7	1.265	2.137	16.3	18.8
11 27	5 57.11	+33 53.8	1.202	2.131	11.9	18.6
12 7	5 46.45	+33 44.4	1.160	2.125	7.3	18.3
12 17	5 33.96	+33 15.5	1.144	2.120	4.6	18.1
12 27	5 21.72	+32 27.6	1.153	2.115	7.5	18.3
1 6	5 11.68	+31 26.8	1.187	2.110	12.3	18.5
1 16	5 5.20	+30 21.2	1.244	2.106	16.8	18.8

289958 2005 NC_{70} 12 16.1 139°.56 2°.4/16.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.14	+31 15.7	2.253	3.014	14.0	21.0
11 17	6 1.95	+31 20.8	2.169	3.022	11.2	20.8
11 27	5 54.23	+31 19.8	2.107	3.030	7.9	20.6
12 7	5 44.65	+31 10.2	2.072	3.037	4.5	20.4
12 17	5 34.17	+30 50.6	2.066	3.044	2.4	20.3
12 27	5 23.94	+30 21.9	2.090	3.050	4.8	20.4
1 6	5 15.05	+29 46.6	2.143	3.056	8.2	20.7
1 16	5 8.30	+29 8.4	2.223	3.062	11.3	20.9

226421 2003 RU_7 12 16.1 32°.36 5°.1/16.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 2.68	+ 7 23.1	1.759	2.531	16.9	19.3
11 17	5 58.69	+ 7 36.9	1.692	2.546	13.8	19.2
11 27	5 52.13	+ 8 4.5	1.646	2.562	10.2	19.0
12 7	5 43.67	+ 8 47.3	1.623	2.578	6.8	18.8
12 17	5 34.27	+ 9 44.3	1.628	2.595	5.1	18.8
12 27	5 25.12	+10 53.1	1.662	2.613	6.9	18.9
1 6	5 17.31	+12 10.0	1.723	2.631	10.2	19.1
1 16	5 11.67	+13 31.2	1.809	2.649	13.4	19.4

134074 2004 XN_{66} 12 16.1 342°.76 1°.1/16.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 2.01	+25 8.8	1.982	2.767	14.9	19.8
11 17	5 58.37	+25 30.3	1.892	2.762	11.8	19.6
11 27	5 52.08	+25 51.2	1.824	2.758	8.2	19.4
12 7	5 43.75	+26 9.6	1.782	2.754	4.1	19.1
12 17	5 34.27	+26 23.4	1.767	2.750	1.2	18.9
12 27	5 24.85	+26 32.0	1.781	2.747	4.9	19.2
1 6	5 16.66	+26 36.0	1.824	2.744	8.9	19.4
1 16	5 10.63	+26 37.1	1.891	2.742	12.5	19.6

251143 2006 TR_{46} 12 16.1 25°.01 1°.7/16.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 4.76	+26 6.1	1.842	2.625	15.9	20.9
11 17	6 0.72	+26 35.4	1.758	2.627	12.6	20.7
11 27	5 53.78	+27 3.8	1.697	2.629	8.8	20.4
12 7	5 44.60	+27 28.4	1.660	2.631	4.5	20.2
12 17	5 34.19	+27 46.6	1.652	2.634	1.7	20.0
12 27	5 23.91	+27 57.1	1.672	2.636	5.2	20.3
1 6	5 15.05	+28 1.0	1.720	2.639	9.4	20.5
1 16	5 8.60	+28 0.6	1.792	2.642	13.1	20.7

134843 2000 JG_{79} 12 16.1 16°.28 2°.1/16.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 4.20	+26 25.0	1.598	2.393	17.4	19.6
11 17	6 0.72	+26 59.5	1.521	2.396	13.9	19.4
11 27	5 54.01	+27 33.1	1.464	2.399	9.7	19.2
12 7	5 44.78	+28 2.2	1.432	2.403	5.1	18.9
12 17	5 34.18	+28 23.7	1.426	2.408	2.1	18.7
12 27	5 23.75	+28 35.9	1.448	2.413	5.8	19.0
1 6	5 14.96	+28 40.1	1.496	2.418	10.3	19.3
1 16	5 8.91	+28 39.1	1.568	2.424	14.3	19.5

182287 2001 KE_{52} 12 16.1 137°.39 1°.5/15.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.40	+19 57.6	1.802	2.579	16.4	20.8
11 17	6 3.29	+19 45.0	1.725	2.590	13.0	20.6
11 27	5 55.33	+19 33.6	1.669	2.600	9.0	20.4
12 7	5 45.26	+19 23.4	1.638	2.610	4.6	20.2
12 17	5 34.14	+19 14.5	1.636	2.619	1.6	20.0
12 27	5 23.30	+19 7.6	1.664	2.627	5.4	20.2
1 6	5 13.97	+19 3.8	1.719	2.635	9.7	20.5
1 16	5 7.06	+19 4.3	1.800	2.642	13.4	20.8

232194 2002 *GJ* 12 16.1 150°.45 4°.9/15.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 5.11	+ 8 12.4	2.395	3.141	13.7	21.3
11 17	5 59.86	+ 7 44.1	2.315	3.153	11.2	21.1
11 27	5 52.57	+ 7 23.5	2.257	3.163	8.4	20.9
12 7	5 43.80	+ 7 12.9	2.226	3.173	5.9	20.8
12 17	5 34.29	+ 7 13.6	2.225	3.182	4.9	20.8
12 27	5 24.96	+ 7 26.2	2.253	3.190	6.4	20.9
1 6	5 16.66	+ 7 49.8	2.310	3.197	9.0	21.0
1 16	5 10.05	+ 8 23.0	2.394	3.204	11.6	21.2

180925 2005 LY_{23} 12 16.1 181°.58 6°.3/14.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 9.55	+13 0.0	1.833	2.598	16.6	20.5
11 17	6 4.02	+11 13.7	1.748	2.599	13.5	20.3
11 27	5 55.75	+ 9 27.6	1.685	2.600	10.1	20.1
12 7	5 45.45	+ 7 47.3	1.649	2.600	7.1	19.9
12 17	5 34.13	+ 6 18.8	1.643	2.599	6.4	19.8
12 27	5 23.08	+ 5 7.9	1.666	2.598	8.6	20.0
1 6	5 13.46	+ 4 17.5	1.716	2.596	11.9	20.2
1 16	5 6.15	+ 3 48.1	1.791	2.594	15.2	20.4

225343 1998 SY_{86} 12 16.1 89°.31 4°.7/16.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.26	+37 9.8	2.300	3.051	14.0	20.3
11 17	6 2.22	+37 42.6	2.224	3.064	11.5	20.2
11 27	5 54.52	+38 6.9	2.169	3.076	8.6	20.0
12 7	5 44.84	+38 18.6	2.140	3.088	6.0	19.9
12 17	5 34.20	+38 15.0	2.139	3.100	4.7	19.8
12 27	5 23.83	+37 55.9	2.168	3.113	6.0	19.9
1 6	5 14.89	+37 24.0	2.225	3.125	8.6	20.1
1 16	5 8.21	+36 43.7	2.307	3.136	11.3	20.3

269876 2000 FW_{57} 12 16.1 214°.42 9°.3/14.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	5 59.17	− 9 45.8	2.922	3.598	12.8	21.1
11 17	5 54.99	−10 52.9	2.840	3.592	11.5	21.0
11 27	5 49.17	−11 46.2	2.780	3.586	10.3	20.9
12 7	5 42.14	−12 21.2	2.742	3.580	9.5	20.8
12 17	5 34.47	−12 34.8	2.729	3.573	9.3	20.8
12 27	5 26.84	−12 25.6	2.742	3.566	9.9	20.8
1 6	5 19.95	−11 54.6	2.779	3.558	10.9	20.9
1 16	5 14.34	−11 4.3	2.838	3.551	12.3	21.0

329428 2002 NL_{76} 12 16.1 139°.49 1°.7/15.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 1.69	+19 18.4	2.491	3.260	12.6	21.6
11 17	5 57.25	+18 50.0	2.403	3.264	10.0	21.4
11 27	5 50.83	+18 21.9	2.339	3.268	6.9	21.2
12 7	5 42.97	+17 54.9	2.303	3.272	3.6	21.0
12 17	5 34.39	+17 30.0	2.296	3.276	1.8	20.9
12 27	5 25.98	+17 8.3	2.319	3.280	4.4	21.1
1 6	5 18.55	+16 51.3	2.372	3.283	7.6	21.3
1 16	5 12.76	+16 39.7	2.452	3.286	10.5	21.5

411985 2012 JF_{16} 12 16.1 126°.81 3°.7/16.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 2.52	+ 9 28.2	2.409	3.164	13.4	20.6
11 17	5 58.00	+ 9 40.9	2.319	3.166	10.8	20.4
11 27	5 51.43	+10 2.8	2.252	3.167	7.9	20.2
12 7	5 43.31	+10 34.6	2.212	3.168	5.1	20.1
12 17	5 34.35	+11 16.1	2.200	3.169	3.7	20.0
12 27	5 25.45	+12 6.0	2.220	3.171	5.4	20.1
1 6	5 17.47	+13 2.4	2.269	3.172	8.3	20.3
1 16	5 11.11	+14 3.3	2.345	3.173	11.2	20.5

160509 1990 EG_{5} 12 16.1 226°.67 2°.6/16.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 4.88	+33 13.3	2.782	3.532	11.9	20.1
11 17	5 59.87	+33 16.9	2.678	3.523	9.6	19.9
11 27	5 52.71	+33 14.1	2.597	3.514	6.9	19.7
12 7	5 43.93	+33 2.6	2.544	3.505	4.2	19.5
12 17	5 34.30	+32 41.4	2.520	3.495	2.6	19.4
12 27	5 24.77	+32 10.7	2.528	3.485	4.4	19.5
1 6	5 16.26	+31 32.7	2.565	3.474	7.2	19.7
1 16	5 9.49	+30 50.5	2.630	3.463	9.9	19.8

25111 Klokun 12 16.1 180°.36 3°.0/15.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.26	+15 47.6	1.951	2.721	15.6	19.7
11 17	6 2.24	+15 27.4	1.864	2.723	12.5	19.5
11 27	5 54.59	+15 11.0	1.798	2.724	8.8	19.2
12 7	5 44.93	+14 59.7	1.758	2.724	5.0	19.0
12 17	5 34.21	+14 54.0	1.746	2.723	3.1	18.9
12 27	5 23.61	+14 54.9	1.765	2.722	5.9	19.1
1 6	5 14.30	+15 2.7	1.812	2.721	9.7	19.3
1 16	5 7.17	+15 17.3	1.884	2.718	13.2	19.5

266800 2009 SM_{338} 12 16.1 20°.43 3°.7/16.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 4.33	+30 49.6	1.899	2.678	15.6	19.5
11 17	6 0.46	+31 40.0	1.820	2.682	12.5	19.3
11 27	5 53.65	+32 26.9	1.762	2.687	9.0	19.1
12 7	5 44.57	+33 5.9	1.729	2.693	5.5	18.9
12 17	5 34.24	+33 33.0	1.724	2.698	3.7	18.8
12 27	5 24.04	+33 46.5	1.748	2.705	6.0	18.9
1 6	5 15.29	+33 47.7	1.799	2.711	9.5	19.2
1 16	5 8.98	+33 40.0	1.874	2.718	12.8	19.4

433015 2012 RE_{26} 12 16.1 156°.83 3°.1/16.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 11.79	+31 24.8	2.017	2.776	15.5	22.0
11 17	6 6.03	+31 49.4	1.933	2.785	12.4	21.8
11 27	5 57.28	+32 8.3	1.871	2.792	8.9	21.6
12 7	5 46.27	+32 17.6	1.836	2.799	5.2	21.4
12 17	5 34.09	+32 14.6	1.829	2.805	3.1	21.3
12 27	5 22.15	+31 59.0	1.853	2.811	5.6	21.4
1 6	5 11.79	+31 33.4	1.905	2.815	9.2	21.7
1 16	5 3.95	+31 2.3	1.983	2.819	12.6	21.9

172876 2005 EY_{168} 12 16.1 132°.25 0°.7/16.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.02	+25 26.3	1.993	2.769	15.1	21.0
11 17	6 1.34	+25 30.0	1.910	2.775	12.0	20.8
11 27	5 53.99	+25 31.5	1.849	2.781	8.2	20.6
12 7	5 44.64	+25 29.2	1.814	2.786	4.1	20.4
12 17	5 34.26	+25 22.1	1.808	2.791	0.8	20.2
12 27	5 24.09	+25 10.4	1.831	2.797	4.8	20.5
1 6	5 15.29	+24 56.0	1.883	2.801	8.8	20.7
1 16	5 8.72	+24 41.2	1.961	2.806	12.3	20.9

133791 2003 WS_{123} 12 16.1 45°.12 3°.2/15.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.51	+29 21.6	2.403	3.163	13.2	19.9
11 17	6 1.63	+30 30.4	2.310	3.163	10.6	19.7
11 27	5 54.23	+31 38.5	2.242	3.163	7.6	19.5
12 7	5 44.82	+32 41.7	2.201	3.163	4.6	19.3
12 17	5 34.23	+33 35.8	2.190	3.164	3.2	19.2
12 27	5 23.56	+34 18.1	2.210	3.164	5.2	19.4
1 6	5 13.95	+34 48.3	2.260	3.164	8.3	19.5
1 16	5 6.31	+35 8.0	2.336	3.164	11.2	19.7

228275 1999 VG_{57} 12 16.1 106°.42 3°.2/15.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 2.31	+15 20.6	2.293	3.062	13.5	20.4
11 17	5 57.82	+14 42.3	2.214	3.072	10.8	20.2
11 27	5 51.26	+14 6.8	2.158	3.082	7.7	20.1
12 7	5 43.19	+13 35.8	2.128	3.092	4.6	19.9
12 17	5 34.42	+13 11.0	2.128	3.102	3.2	19.8
12 27	5 25.85	+12 53.8	2.158	3.111	5.4	20.0
1 6	5 18.36	+12 44.9	2.216	3.120	8.4	20.2
1 16	5 12.61	+12 44.4	2.301	3.129	11.3	20.4

390472 2013 YB_{125} 12 16.1 2°.09 2°.6/16.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 0.32	+16 42.6	1.112	1.938	21.5	20.2
11 17	5 58.66	+16 52.2	1.043	1.936	17.2	19.9
11 27	5 53.16	+17 11.0	0.992	1.935	12.1	19.6
12 7	5 44.58	+17 39.3	0.962	1.935	6.4	19.3
12 17	5 34.26	+18 15.8	0.955	1.937	2.6	19.1
12 27	5 24.12	+18 58.2	0.972	1.940	7.3	19.4
1 6	5 15.98	+19 44.3	1.013	1.945	12.9	19.7
1 16	5 11.15	+20 32.3	1.075	1.951	17.8	20.0

43585 2001 LZ_{18} 12 16.1 48°.76 6°.0/15.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 2.22	+ 9 46.6	1.708	2.489	17.0	18.4
11 17	5 58.40	+ 8 58.0	1.641	2.501	13.9	18.3
11 27	5 51.96	+ 8 18.2	1.595	2.513	10.4	18.1
12 7	5 43.62	+ 7 50.6	1.573	2.525	7.2	17.9
12 17	5 34.37	+ 7 38.1	1.577	2.538	6.0	17.9
12 27	5 25.42	+ 7 41.8	1.608	2.551	7.9	18.0
1 6	5 17.87	+ 8 0.9	1.666	2.564	11.1	18.2
1 16	5 12.51	+ 8 33.1	1.747	2.578	14.2	18.5

112438 2002 OJ_{2} 12 16.1 9°.65 8°.0/14.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 0.92	+10 51.2	1.434	2.232	18.9	18.5
11 17	5 57.93	+ 9 1.7	1.364	2.234	15.5	18.3
11 27	5 51.93	+ 7 16.9	1.316	2.236	11.9	18.1
12 7	5 43.70	+ 5 44.0	1.290	2.239	8.9	17.9
12 17	5 34.37	+ 4 30.4	1.290	2.244	8.2	17.9
12 27	5 25.34	+ 3 41.4	1.315	2.249	10.3	18.0
1 6	5 17.91	+ 3 18.5	1.364	2.255	13.7	18.2
1 16	5 13.00	+ 3 19.9	1.435	2.262	17.0	18.5

431647 2008 AB_{114} 12 16.1 277°.33 1°.0/16.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.06	+21 17.7	1.468	2.265	18.6	21.9
11 17	6 2.56	+21 13.3	1.375	2.253	14.9	21.6
11 27	5 55.58	+21 10.3	1.303	2.240	10.4	21.3
12 7	5 45.72	+21 7.8	1.254	2.227	5.2	21.0
12 17	5 34.15	+21 5.1	1.231	2.215	1.1	20.6
12 27	5 22.53	+21 2.5	1.236	2.202	6.3	21.0
1 6	5 12.55	+21 1.3	1.266	2.189	11.7	21.2
1 16	5 5.48	+21 3.5	1.319	2.176	16.4	21.5

458518 2011 CO_{68} 12 16.1 255°.29 0°.2/16.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 2.48	+24 11.2	2.580	3.347	12.3	22.1
11 17	5 58.09	+24 8.9	2.472	3.332	9.7	21.9
11 27	5 51.58	+24 5.2	2.387	3.317	6.7	21.7
12 7	5 43.45	+23 59.2	2.330	3.302	3.3	21.5
12 17	5 34.39	+23 50.4	2.302	3.286	0.4	21.2
12 27	5 25.34	+23 39.2	2.306	3.270	4.0	21.5
1 6	5 17.18	+23 26.6	2.339	3.254	7.4	21.6
1 16	5 10.68	+23 14.4	2.398	3.238	10.6	21.8

463823 2014 TK_{47} 12 16.1 43°.49 4°.1/16.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 5.27	+34 1.0	2.247	3.009	14.0	20.7
11 17	6 0.83	+34 45.1	2.161	3.011	11.4	20.6
11 27	5 53.72	+35 23.6	2.098	3.014	8.4	20.4
12 7	5 44.56	+35 52.4	2.060	3.016	5.5	20.2
12 17	5 34.29	+36 8.2	2.051	3.019	4.2	20.1
12 27	5 24.12	+36 9.8	2.071	3.021	5.8	20.2
1 6	5 15.23	+35 58.9	2.119	3.024	8.7	20.4
1 16	5 8.52	+35 38.9	2.193	3.027	11.6	20.6

458049 2009 WO_{246} 12 16.1 76°.32 1°.9/15.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 3.59	+19 55.2	2.228	3.000	13.8	21.3
11 17	5 58.82	+19 15.9	2.156	3.019	10.9	21.1
11 27	5 51.90	+18 36.4	2.108	3.038	7.5	21.0
12 7	5 43.49	+17 57.8	2.087	3.057	3.9	20.8
12 17	5 34.42	+17 21.8	2.096	3.076	1.9	20.7
12 27	5 25.67	+16 50.0	2.135	3.095	4.7	20.9
1 6	5 18.13	+16 24.3	2.203	3.114	8.1	21.1
1 16	5 12.45	+16 5.5	2.296	3.132	11.1	21.4

314345 2005 TQ_{89} 12 16.1 295°.21 3°.9/15.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 1.42	+13 42.7	1.965	2.744	15.2	21.3
11 17	5 57.75	+13 14.7	1.871	2.734	12.3	21.1
11 27	5 51.60	+12 51.7	1.798	2.723	8.9	20.8
12 7	5 43.54	+12 35.5	1.750	2.713	5.5	20.6
12 17	5 34.40	+12 27.8	1.729	2.702	4.0	20.5
12 27	5 25.27	+12 29.8	1.738	2.692	6.3	20.6
1 6	5 17.26	+12 41.7	1.773	2.682	9.9	20.8
1 16	5 11.24	+13 2.8	1.834	2.671	13.4	21.0

380761 2005 TN_{63} 12 16.1 96°.33 2°.4/15.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 9.97	+18 11.4	1.692	2.469	17.3	21.7
11 17	6 4.42	+17 47.5	1.630	2.494	13.7	21.5
11 27	5 56.00	+17 26.1	1.589	2.519	9.5	21.3
12 7	5 45.54	+17 8.0	1.574	2.543	5.0	21.1
12 17	5 34.22	+16 54.0	1.587	2.567	2.5	21.0
12 27	5 23.40	+16 45.1	1.629	2.590	5.8	21.3
1 6	5 14.27	+16 42.3	1.700	2.613	9.9	21.6
1 16	5 7.67	+16 46.0	1.794	2.634	13.5	21.9

475134 2005 UH_{332} 12 16.1 103°.30 2°.9/16.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 15.02	+28 1.3	1.887	2.647	16.3	21.8
11 17	6 8.55	+29 1.3	1.822	2.676	13.0	21.6
11 27	5 58.98	+29 59.2	1.780	2.703	9.1	21.4
12 7	5 47.08	+30 49.9	1.764	2.729	5.1	21.2
12 17	5 34.07	+31 28.8	1.778	2.755	2.9	21.2
12 27	5 21.42	+31 54.0	1.822	2.780	5.7	21.4
1 6	5 10.50	+32 6.7	1.895	2.804	9.4	21.6
1 16	5 2.28	+32 10.5	1.995	2.827	12.7	21.9

474572 2004 EW_{72} 12 16.1 300°.21 5°.8/16.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.47	+34 4.9	1.426	2.217	19.3	21.6
11 17	6 4.50	+34 51.1	1.332	2.199	15.9	21.3
11 27	5 57.42	+35 30.8	1.257	2.182	11.9	21.0
12 7	5 46.83	+35 57.1	1.205	2.165	7.8	20.7
12 17	5 34.06	+36 3.3	1.178	2.148	5.8	20.6
12 27	5 21.13	+35 46.6	1.176	2.132	8.4	20.7
1 6	5 10.18	+35 10.5	1.199	2.116	12.8	20.9
1 16	5 2.76	+34 22.3	1.244	2.100	17.2	21.1

12858 1998 JD_2 12 16.1 150°.18 2°.6/15.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.50	+17 19.3	1.873	2.644	16.1	19.2
11 17	6 3.24	+16 57.3	1.793	2.654	12.8	19.0
11 27	5 55.28	+16 38.0	1.735	2.663	9.0	18.8
12 7	5 45.28	+16 22.4	1.702	2.671	4.9	18.6
12 17	5 34.27	+16 11.1	1.699	2.678	2.7	18.5
12 27	5 23.50	+16 5.1	1.725	2.684	5.7	18.7
1 6	5 14.16	+16 5.3	1.780	2.690	9.7	18.9
1 16	5 7.11	+16 11.9	1.859	2.695	13.3	19.2

367013 2006 BA_{96} 12 16.1 303°.29 2°.7/16.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 3.90	+31 5.8	2.183	2.953	14.1	21.2
11 17	5 59.72	+31 19.7	2.089	2.948	11.3	21.0
11 27	5 52.95	+31 28.2	2.017	2.942	8.1	20.8
12 7	5 44.19	+31 28.6	1.971	2.937	4.7	20.6
12 17	5 34.36	+31 19.1	1.954	2.931	2.7	20.5
12 27	5 24.64	+30 59.6	1.966	2.926	5.0	20.6
1 6	5 16.16	+30 32.4	2.006	2.921	8.5	20.8
1 16	5 9.80	+30 0.8	2.072	2.916	11.8	21.0

73496 2002 RW_{10} 12 16.1 353°.03 2°.8/15.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	5 59.67	+15 46.4	1.937	2.723	15.1	19.1
11 17	5 56.38	+15 33.8	1.851	2.720	12.1	18.9
11 27	5 50.65	+15 25.8	1.786	2.717	8.5	18.7
12 7	5 43.06	+15 23.5	1.746	2.714	4.8	18.5
12 17	5 34.48	+15 27.5	1.734	2.712	2.9	18.4
12 27	5 25.98	+15 38.1	1.751	2.711	5.6	18.5
1 6	5 18.64	+15 55.1	1.794	2.710	9.3	18.8
1 16	5 13.28	+16 18.2	1.863	2.710	12.8	19.0

396403 2014 EX_1 12 16.1 209°.73 0°.7/16.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 6.55	+21 50.3	2.002	2.776	15.1	22.1
11 17	6 1.82	+21 42.3	1.907	2.771	12.0	21.8
11 27	5 54.41	+21 34.1	1.835	2.766	8.3	21.6
12 7	5 44.93	+21 25.2	1.788	2.760	4.1	21.3
12 17	5 34.30	+21 15.2	1.770	2.754	0.8	21.1
12 27	5 23.76	+21 4.8	1.783	2.747	5.0	21.4
1 6	5 14.48	+20 55.4	1.824	2.740	9.1	21.6
1 16	5 7.39	+20 48.5	1.890	2.733	12.8	21.8

70644 1999 TU_{242} 12 16.1 73°.64 4°.6/15.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 3.89	+11 53.7	1.739	2.518	16.8	19.2
11 17	5 59.80	+11 31.3	1.664	2.525	13.6	19.0
11 27	5 53.03	+11 16.9	1.609	2.532	9.9	18.8
12 7	5 44.22	+11 12.6	1.579	2.540	6.3	18.6
12 17	5 34.39	+11 19.7	1.576	2.547	4.6	18.5
12 27	5 24.76	+11 38.5	1.601	2.554	6.9	18.7
1 6	5 16.51	+12 7.7	1.653	2.561	10.5	18.9
1 16	5 10.52	+12 45.8	1.730	2.568	14.0	19.1

144488 2004 EP_{63} 12 16.1 274°.28 3°.1/16.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.10	+30 57.5	1.948	2.722	15.5	20.5
11 17	6 1.78	+31 21.1	1.861	2.721	12.4	20.3
11 27	5 54.54	+31 39.5	1.794	2.720	8.9	20.0
12 7	5 45.03	+31 49.3	1.753	2.719	5.2	19.8
12 17	5 34.30	+31 47.9	1.740	2.717	3.1	19.7
12 27	5 23.71	+31 34.7	1.756	2.716	5.6	19.8
1 6	5 14.57	+31 12.2	1.800	2.715	9.3	20.1
1 16	5 7.86	+30 44.2	1.868	2.714	12.8	20.3

21998 1999 XH_{37} 12 16.1 305°.75 8°.9/15.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 1.90	+ 2 8.2	1.793	2.551	17.2	18.1
11 17	5 58.19	+ 1 8.3	1.713	2.548	14.6	17.9
11 27	5 51.93	+ 0 21.7	1.654	2.544	11.9	17.7
12 7	5 43.71	− 0 6.1	1.617	2.541	9.6	17.6
12 17	5 34.43	− 0 11.2	1.605	2.538	8.9	17.6
12 27	5 25.26	+ 0 8.1	1.620	2.535	10.2	17.6
1 6	5 17.31	+ 0 50.2	1.660	2.532	12.7	17.8
1 16	5 11.45	+ 1 51.0	1.722	2.530	15.5	17.9

519441 2011 WO_{63} 12 16.1 23°.26 0°.2/16.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 4.10	+23 54.5	1.806	2.592	16.0	21.0
11 17	6 0.11	+23 40.3	1.723	2.594	12.7	20.8
11 27	5 53.31	+23 23.9	1.661	2.596	8.7	20.6
12 7	5 44.39	+23 4.7	1.624	2.597	4.3	20.3
12 17	5 34.37	+22 42.8	1.616	2.600	0.5	20.0
12 27	5 24.58	+22 19.5	1.636	2.602	5.1	20.4
1 6	5 16.22	+21 57.0	1.683	2.604	9.4	20.6
1 16	5 10.21	+21 37.7	1.756	2.607	13.2	20.9

276229 2002 QX_{140} 12 16.1 163°.83 1°.3/16.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 3.57	+28 30.2	2.669	3.430	12.0	22.0
11 17	5 58.76	+28 25.1	2.577	3.433	9.6	21.9
11 27	5 51.90	+28 15.8	2.509	3.435	6.6	21.7
12 7	5 43.55	+28 1.1	2.469	3.438	3.5	21.5
12 17	5 34.46	+27 40.5	2.458	3.440	1.3	21.3
12 27	5 25.53	+27 14.7	2.479	3.442	3.9	21.5
1 6	5 17.63	+26 45.5	2.529	3.444	7.0	21.7
1 16	5 11.41	+26 15.3	2.607	3.445	9.8	21.9

14964 Robertobacci 12 16.1 197°.93 3°.6/15.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	5 59.92	+12 20.8	2.665	3.426	12.1	19.2
11 17	5 55.76	+11 48.3	2.573	3.424	9.7	19.1
11 27	5 49.81	+11 20.1	2.505	3.423	7.1	18.9
12 7	5 42.53	+10 57.7	2.464	3.421	4.6	18.7
12 17	5 34.56	+10 42.6	2.452	3.419	3.6	18.7
12 27	5 26.69	+10 35.9	2.471	3.417	5.3	18.8
1 6	5 19.64	+10 37.9	2.518	3.415	7.9	18.9
1 16	5 14.04	+10 48.2	2.592	3.413	10.4	19.1

48924 1998 OK_{12} 12 16.1 60°.47 3°.9/16.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 9.80	+29 8.5	1.385	2.179	19.6	18.3
11 17	6 5.69	+30 3.7	1.320	2.192	15.7	18.1
11 27	5 57.71	+30 56.0	1.274	2.206	11.2	17.8
12 7	5 46.72	+31 39.4	1.252	2.219	6.4	17.6
12 17	5 34.15	+32 8.2	1.255	2.233	3.9	17.5
12 27	5 21.96	+32 20.5	1.286	2.247	7.1	17.7
1 6	5 11.92	+32 18.5	1.342	2.261	11.5	18.0
1 16	5 5.22	+32 7.3	1.421	2.275	15.6	18.3

82509 2001 OQ_{49} 12 16.1 174°.84 2°.7/15.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.54	+16 50.2	2.067	2.833	14.9	20.5
11 17	6 2.31	+16 24.8	1.979	2.836	11.9	20.3
11 27	5 54.56	+16 1.9	1.913	2.839	8.4	20.1
12 7	5 44.94	+15 42.4	1.874	2.841	4.7	19.8
12 17	5 34.33	+15 27.4	1.864	2.842	2.8	19.7
12 27	5 23.89	+15 17.9	1.885	2.842	5.5	19.9
1 6	5 14.68	+15 14.9	1.934	2.842	9.2	20.1
1 16	5 7.54	+15 18.8	2.009	2.841	12.6	20.3

246030 2006 UB_{75} 12 16.1 139°.76 2°.1/15.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 5.18	+17 5.4	2.469	3.229	12.9	21.8
11 17	5 59.92	+16 47.9	2.388	3.243	10.3	21.6
11 27	5 52.64	+16 32.8	2.331	3.256	7.2	21.4
12 7	5 43.89	+16 20.5	2.301	3.268	3.9	21.2
12 17	5 34.44	+16 11.6	2.301	3.280	2.2	21.1
12 27	5 25.19	+16 6.8	2.333	3.291	4.6	21.3
1 6	5 16.99	+16 6.6	2.394	3.301	7.7	21.5
1 16	5 10.49	+16 11.3	2.482	3.311	10.6	21.7

30322 2000 JU_{17} 12 16.1 80°.81 3°.1/16.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 11.69	+29 34.7	2.065	2.825	15.1	18.7
11 17	6 5.67	+30 32.0	2.004	2.857	12.0	18.5
11 27	5 56.86	+31 25.7	1.967	2.888	8.5	18.4
12 7	5 46.02	+32 11.4	1.956	2.919	4.9	18.2
12 17	5 34.24	+32 45.3	1.974	2.949	3.1	18.1
12 27	5 22.81	+33 5.9	2.024	2.979	5.4	18.3
1 6	5 12.95	+33 14.6	2.102	3.009	8.7	18.6
1 16	5 5.50	+33 14.8	2.206	3.038	11.6	18.8

74642 1999 RJ_{61} 12 16.1 62°.92 1°.5/16.0 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.28	+20 32.4	1.334	2.136	19.8	19.6
11 17	6 3.36	+20 20.1	1.269	2.148	15.7	19.3
11 27	5 55.89	+20 9.5	1.223	2.160	10.8	19.1
12 7	5 45.74	+20 0.5	1.199	2.173	5.4	18.8
12 17	5 34.28	+19 53.0	1.202	2.185	1.6	18.6
12 27	5 23.25	+19 47.8	1.232	2.198	6.4	19.0
1 6	5 14.22	+19 46.2	1.287	2.210	11.5	19.3
1 16	5 8.23	+19 49.7	1.364	2.223	15.8	19.6

414594 2009 UM_{53} 12 16.1 75°.82 5°.0/16.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 9.43	+35 11.7	2.213	2.966	14.5	20.4
11 17	6 4.11	+36 21.7	2.144	2.986	11.8	20.2
11 27	5 55.97	+37 25.6	2.098	3.007	8.8	20.1
12 7	5 45.69	+38 18.0	2.078	3.027	6.1	20.0
12 17	5 34.28	+38 54.5	2.087	3.047	5.0	19.9
12 27	5 23.07	+39 13.4	2.125	3.066	6.4	20.1
1 6	5 13.30	+39 16.2	2.192	3.086	9.0	20.3
1 16	5 5.90	+39 6.8	2.284	3.106	11.7	20.5

468306 2016 AK_{75} 12 16.1 312°.83 0°.9/16.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 2.45	+27 23.3	2.280	3.053	13.5	20.5
11 17	5 58.32	+27 11.8	2.184	3.048	10.7	20.3
11 27	5 51.86	+26 56.0	2.112	3.042	7.4	20.1
12 7	5 43.63	+26 34.7	2.066	3.037	3.8	19.8
12 17	5 34.50	+26 7.8	2.049	3.032	1.0	19.6
12 27	5 25.49	+25 36.3	2.062	3.027	4.3	19.9
1 6	5 17.61	+25 2.6	2.103	3.022	8.0	20.1
1 16	5 11.65	+24 29.4	2.172	3.017	11.3	20.3

457348 2008 SY_{225} 12 16.1 95°.13 3°.5/16.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.48	+32 53.6	2.409	3.167	13.3	21.6
11 17	6 0.70	+33 34.1	2.327	3.176	10.7	21.4
11 27	5 53.49	+34 9.5	2.268	3.185	7.8	21.2
12 7	5 44.44	+34 36.4	2.236	3.194	4.9	21.1
12 17	5 34.42	+34 52.1	2.233	3.203	3.5	21.0
12 27	5 24.54	+34 55.5	2.260	3.212	5.2	21.1
1 6	5 15.86	+34 48.2	2.315	3.221	8.0	21.3
1 16	5 9.20	+34 33.0	2.397	3.229	10.8	21.5

488020 2015 UJ_{17} 12 16.1 100°.24 3°.7/15.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 3.43	+13 47.6	1.938	2.714	15.5	21.6
11 17	5 59.20	+13 24.0	1.859	2.720	12.4	21.4
11 27	5 52.49	+13 5.9	1.801	2.726	8.9	21.2
12 7	5 43.95	+12 55.0	1.769	2.732	5.4	21.0
12 17	5 34.47	+12 52.4	1.764	2.738	3.8	20.9
12 27	5 25.17	+12 58.8	1.789	2.744	6.1	21.0
1 6	5 17.12	+13 14.0	1.841	2.749	9.6	21.3
1 16	5 11.11	+13 37.1	1.918	2.755	12.9	21.5

205091 1999 TS_{135} 12 16.1 37°.85 0°.9/16.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.86	+25 17.7	1.285	2.094	20.1	20.1
11 17	6 2.32	+25 24.2	1.232	2.115	15.9	19.8
11 27	5 55.14	+25 28.4	1.198	2.137	10.9	19.6
12 7	5 45.33	+25 28.1	1.186	2.160	5.4	19.4
12 17	5 34.36	+25 21.7	1.200	2.184	1.0	19.1
12 27	5 24.01	+25 10.2	1.241	2.208	6.0	19.6
1 6	5 15.81	+24 56.1	1.306	2.233	11.0	19.9
1 16	5 10.72	+24 42.7	1.394	2.259	15.2	20.2

508890 2003 SL_{420} 12 16.1 355°.94 2°.1/15.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 0.86	+21 23.7	1.067	1.898	21.9	21.3
11 17	5 59.33	+20 51.5	0.997	1.893	17.5	21.0
11 27	5 53.76	+20 18.2	0.944	1.890	12.2	20.7
12 7	5 44.95	+19 45.1	0.912	1.887	6.2	20.4
12 17	5 34.38	+19 14.1	0.903	1.886	2.2	20.1
12 27	5 24.09	+18 48.2	0.918	1.886	7.5	20.4
1 6	5 15.97	+18 30.4	0.956	1.888	13.4	20.8
1 16	5 11.31	+18 22.7	1.013	1.890	18.5	21.1

94414 2001 TX_{23} 12 16.1 263°.11 1°.5/16.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 7.23	+26 38.0	1.748	2.530	16.6	19.7
11 17	6 3.12	+26 50.4	1.648	2.516	13.4	19.5
11 27	5 55.79	+27 0.5	1.568	2.501	9.4	19.2
12 7	5 45.83	+27 5.6	1.514	2.485	4.9	18.9
12 17	5 34.30	+27 3.2	1.487	2.469	1.5	18.6
12 27	5 22.69	+26 53.0	1.488	2.453	5.6	18.9
1 6	5 12.54	+26 36.8	1.517	2.437	10.3	19.1
1 16	5 5.01	+26 18.2	1.570	2.421	14.6	19.3

30731 1981 EK_2 12 16.1 146°.08 0°.3/16.1 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.43	+23 59.0	2.275	3.044	13.7	19.8
11 17	6 0.46	+23 40.6	2.190	3.051	10.8	19.6
11 27	5 53.19	+23 19.9	2.127	3.057	7.4	19.4
12 7	5 44.24	+22 56.4	2.091	3.063	3.6	19.2
12 17	5 34.47	+22 30.5	2.085	3.069	0.4	18.9
12 27	5 24.92	+22 3.4	2.110	3.075	4.3	19.2
1 6	5 16.56	+21 37.0	2.164	3.080	8.0	19.5
1 16	5 10.13	+21 13.5	2.245	3.085	11.2	19.7

503496 2016 EK_{192} 12 16.1 352°.77 23°.5/22.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 19.23	+61 13.9	0.924	1.673	30.2	21.3
11 17	6 21.06	+63 34.8	0.875	1.667	28.3	21.1
11 27	6 13.28	+65 22.8	0.835	1.662	26.4	20.9
12 7	5 56.04	+66 16.0	0.807	1.659	24.7	20.8
12 17	5 33.30	+65 53.1	0.792	1.657	23.7	20.7
12 27	5 12.35	+64 6.8	0.792	1.656	23.6	20.7
1 6	4 58.91	+61 11.6	0.806	1.657	24.6	20.8
1 16	4 54.57	+57 33.3	0.836	1.659	26.4	20.9

29421 1997 AV_{18} 12 16.1 84°.80 12°.4/19.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 14.68	− 6 30.8	1.157	1.901	25.5	18.6
11 17	6 9.54	− 6 21.6	1.095	1.913	22.1	18.4
11 27	6 0.39	− 5 36.4	1.047	1.924	18.3	18.2
12 7	5 48.08	− 4 8.2	1.018	1.936	14.6	18.0
12 17	5 34.11	− 1 56.0	1.012	1.948	12.5	17.9
12 27	5 20.50	+ 0 52.8	1.032	1.959	13.2	18.0
1 6	5 9.11	+ 4 3.5	1.077	1.970	16.3	18.2
1 16	5 1.23	+ 7 20.9	1.146	1.981	19.9	18.5

361798 2008 CK_{16} 12 16.1 287°.90 3°.0/15.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 2.37	+15 59.3	1.933	2.714	15.3	21.3
11 17	5 58.61	+15 40.1	1.838	2.703	12.3	21.1
11 27	5 52.28	+15 24.8	1.764	2.693	8.7	20.9
12 7	5 43.96	+15 14.6	1.716	2.683	5.0	20.6
12 17	5 34.50	+15 10.4	1.696	2.673	3.0	20.5
12 27	5 25.06	+15 13.0	1.704	2.663	5.8	20.6
1 6	5 16.78	+15 22.8	1.740	2.653	9.7	20.9
1 16	5 10.55	+15 39.6	1.801	2.643	13.4	21.1

493030 2014 SG_{227} 12 16.1 132°.64 0°.5/16.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 3.78	+20 37.8	2.625	3.388	12.2	21.5
11 17	5 58.87	+20 52.9	2.541	3.399	9.6	21.3
11 27	5 51.98	+21 9.4	2.481	3.409	6.6	21.1
12 7	5 43.64	+21 26.6	2.448	3.419	3.2	20.9
12 17	5 34.55	+21 43.5	2.446	3.429	0.6	20.7
12 27	5 25.58	+21 59.5	2.475	3.439	3.8	21.0
1 6	5 17.57	+22 14.8	2.534	3.448	7.0	21.2
1 16	5 11.17	+22 29.8	2.620	3.457	9.9	21.4

448771 2011 SR_{77} 12 16.1 141°.12 0°.9/16.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.09	+25 48.4	2.205	2.970	14.2	22.7
11 17	6 2.69	+25 55.7	2.123	2.981	11.2	22.5
11 27	5 54.80	+26 0.6	2.064	2.992	7.7	22.3
12 7	5 45.07	+26 1.6	2.032	3.003	3.9	22.1
12 17	5 34.44	+25 57.3	2.029	3.013	0.9	21.9
12 27	5 24.03	+25 48.1	2.058	3.022	4.4	22.2
1 6	5 14.92	+25 35.4	2.115	3.031	8.1	22.4
1 16	5 7.90	+25 21.6	2.200	3.039	11.4	22.6

495674 2016 AT_{168} 12 16.1 277°.04 3°.0/15.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 0.63	+15 27.0	2.358	3.129	13.2	21.5
11 17	5 56.70	+14 56.5	2.259	3.119	10.6	21.3
11 27	5 50.69	+14 28.7	2.184	3.109	7.5	21.1
12 7	5 43.09	+14 4.9	2.134	3.099	4.5	20.9
12 17	5 34.62	+13 46.7	2.114	3.089	3.1	20.8
12 27	5 26.20	+13 35.2	2.124	3.079	5.3	20.9
1 6	5 18.70	+13 31.3	2.162	3.068	8.5	21.1
1 16	5 12.86	+13 35.2	2.226	3.058	11.5	21.3

95855 2003 GD_5 12 16.1 237°.21 1°.4/16.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.22	+20 21.9	1.877	2.656	15.8	20.6
11 17	6 1.82	+20 10.3	1.780	2.646	12.6	20.4
11 27	5 54.60	+19 59.6	1.704	2.636	8.8	20.2
12 7	5 45.15	+19 49.5	1.654	2.626	4.5	19.9
12 17	5 34.42	+19 40.1	1.632	2.614	1.4	19.6
12 27	5 23.71	+19 32.2	1.639	2.603	5.4	19.9
1 6	5 14.28	+19 27.0	1.674	2.591	9.8	20.1
1 16	5 7.13	+19 25.8	1.735	2.579	13.7	20.3

9002 Gabrynowicz 12 16.1 63°.16 4°.5/16.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 4.19	+11 41.4	1.703	2.483	17.1	17.2
11 17	6 0.07	+11 26.5	1.633	2.495	13.8	17.0
11 27	5 53.23	+11 20.6	1.583	2.507	10.0	16.8
12 7	5 44.37	+11 25.3	1.558	2.519	6.3	16.7
12 17	5 34.51	+11 41.4	1.560	2.532	4.5	16.6
12 27	5 24.91	+12 8.5	1.591	2.545	6.8	16.7
1 6	5 16.75	+12 45.2	1.648	2.557	10.4	17.0
1 16	5 10.86	+13 29.3	1.729	2.570	13.9	17.2

45332 2000 AM_{79} 12 16.1 71°.39 2°.5/15.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.62	+19 43.1	1.398	2.194	19.4	18.2
11 17	6 4.03	+19 5.9	1.338	2.213	15.4	18.0
11 27	5 56.11	+18 29.7	1.298	2.233	10.6	17.8
12 7	5 45.78	+17 55.9	1.282	2.253	5.5	17.6
12 17	5 34.40	+17 26.2	1.292	2.273	2.6	17.4
12 27	5 23.59	+17 2.8	1.330	2.293	6.5	17.7
1 6	5 14.75	+16 47.6	1.394	2.313	11.2	18.0
1 16	5 8.81	+16 41.6	1.481	2.333	15.2	18.3

60650 2000 FF_{42} 12 16.1 342°.38 3°.6/15.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	5 59.81	+16 3.5	1.448	2.255	18.3	18.5
11 17	5 57.45	+15 42.0	1.364	2.245	14.8	18.3
11 27	5 51.96	+15 25.6	1.299	2.235	10.5	18.0
12 7	5 43.97	+15 16.3	1.257	2.227	6.0	17.7
12 17	5 34.55	+15 15.5	1.241	2.219	3.6	17.5
12 27	5 25.18	+15 24.0	1.250	2.213	7.0	17.7
1 6	5 17.30	+15 41.8	1.285	2.207	11.6	18.0
1 16	5 12.04	+16 8.2	1.342	2.202	15.9	18.2

321372 2009 OB_{7} 12 16.1 88°.34 2°.4/16.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.68	+31 1.8	2.164	2.929	14.4	20.9
11 17	6 1.68	+31 8.8	2.089	2.945	11.5	20.7
11 27	5 54.13	+31 9.7	2.036	2.960	8.1	20.6
12 7	5 44.74	+31 2.2	2.010	2.976	4.6	20.4
12 17	5 34.50	+30 45.1	2.013	2.991	2.5	20.3
12 27	5 24.58	+30 18.9	2.045	3.006	4.8	20.5
1 6	5 16.07	+29 46.5	2.106	3.021	8.2	20.7
1 16	5 9.74	+29 11.3	2.194	3.036	11.3	20.9

47901 2000 GH_{54} 12 16.2 42°.99 6°.4/16.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.72	+39 55.7	2.261	3.006	14.4	18.7
11 17	6 3.09	+41 4.5	2.180	3.011	12.0	18.5
11 27	5 55.52	+42 5.0	2.122	3.015	9.5	18.4
12 7	5 45.61	+42 51.4	2.088	3.021	7.3	18.2
12 17	5 34.40	+43 19.0	2.082	3.026	6.4	18.2
12 27	5 23.26	+43 25.8	2.105	3.031	7.5	18.3
1 6	5 13.55	+43 13.8	2.154	3.037	9.7	18.4
1 16	5 6.27	+42 47.6	2.228	3.042	12.2	18.6

134762 2000 CU_{87} 12 16.2 299°.48 3°.4/16.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.06	+31 35.7	1.804	2.583	16.3	19.7
11 17	6 2.13	+31 56.5	1.712	2.575	13.2	19.5
11 27	5 55.03	+32 11.3	1.641	2.567	9.5	19.3
12 7	5 45.43	+32 16.2	1.595	2.560	5.6	19.0
12 17	5 34.42	+32 8.4	1.575	2.552	3.4	18.9
12 27	5 23.50	+31 47.4	1.584	2.545	6.0	19.0
1 6	5 14.12	+31 16.1	1.620	2.538	10.0	19.2
1 16	5 7.37	+30 39.2	1.681	2.531	13.8	19.4

115101 2003 SD_{23} 12 16.2 48°.98 1°.8/16.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.23	+27 29.1	1.337	2.137	19.9	19.5
11 17	6 4.52	+27 34.0	1.264	2.142	15.9	19.2
11 27	5 56.97	+27 34.4	1.210	2.146	11.1	19.0
12 7	5 46.43	+27 27.0	1.179	2.151	5.7	18.7
12 17	5 34.34	+27 10.0	1.173	2.156	1.8	18.4
12 27	5 22.60	+26 44.1	1.194	2.161	6.4	18.7
1 6	5 12.99	+26 13.3	1.241	2.167	11.6	19.1
1 16	5 6.66	+25 42.6	1.310	2.172	16.1	19.3

254934 2005 SE_{141} 12 16.2 68°.94 1°.3/16.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 3.54	+19 38.5	1.968	2.749	15.1	21.2
11 17	5 59.34	+19 34.5	1.890	2.757	11.9	21.0
11 27	5 52.64	+19 32.4	1.833	2.766	8.2	20.8
12 7	5 44.08	+19 32.1	1.802	2.774	4.2	20.6
12 17	5 34.57	+19 33.5	1.800	2.783	1.4	20.4
12 27	5 25.26	+19 36.7	1.827	2.791	4.9	20.7
1 6	5 17.23	+19 42.2	1.882	2.800	8.8	20.9
1 16	5 11.28	+19 50.6	1.962	2.808	12.3	21.1

265907 2006 BO_{74} 12 16.2 183°.41 2°.5/16.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 4.90	+31 32.5	2.688	3.442	12.1	21.6
11 17	5 59.98	+31 51.1	2.594	3.443	9.7	21.4
11 27	5 52.88	+32 4.9	2.523	3.442	7.0	21.2
12 7	5 44.15	+32 11.7	2.479	3.442	4.1	21.0
12 17	5 34.56	+32 9.6	2.466	3.441	2.5	20.9
12 27	5 25.07	+31 58.5	2.483	3.440	4.4	21.0
1 6	5 16.61	+31 39.9	2.529	3.439	7.3	21.2
1 16	5 9.91	+31 16.5	2.603	3.437	10.0	21.4

94112 2000 YH_{90} 12 16.2 96°.62 3°.0/16.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 4.06	+12 24.1	2.219	2.982	14.1	19.6
11 17	5 59.40	+12 38.8	2.138	2.991	11.3	19.4
11 27	5 52.52	+13 1.3	2.079	3.001	8.1	19.2
12 7	5 43.98	+13 31.9	2.047	3.010	4.8	19.1
12 17	5 34.58	+14 9.8	2.044	3.019	3.0	19.0
12 27	5 25.30	+14 53.7	2.071	3.028	5.2	19.1
1 6	5 17.09	+15 42.0	2.128	3.037	8.4	19.3
1 16	5 10.69	+16 33.1	2.211	3.046	11.5	19.5

364865 2008 DS_{37} 12 16.2 256°.83 4°.5/15.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 2.22	+11 37.7	2.177	2.944	14.2	21.9
11 17	5 58.15	+11 3.2	2.078	2.932	11.6	21.7
11 27	5 51.80	+10 34.0	2.001	2.919	8.6	21.5
12 7	5 43.70	+10 12.5	1.950	2.907	5.7	21.3
12 17	5 34.60	+10 0.6	1.927	2.894	4.5	21.2
12 27	5 25.50	+ 9 59.8	1.934	2.881	6.5	21.3
1 6	5 17.39	+10 10.2	1.968	2.867	9.6	21.5
1 16	5 11.07	+10 31.1	2.028	2.854	12.7	21.7

422482 2014 SH_{330} 12 16.2 112°.64 3°.9/16.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.97	+34 35.4	2.401	3.156	13.4	21.5
11 17	6 1.17	+35 10.2	2.317	3.163	10.9	21.3
11 27	5 53.87	+35 38.8	2.256	3.169	8.0	21.1
12 7	5 44.68	+35 57.4	2.221	3.175	5.3	21.0
12 17	5 34.51	+36 3.4	2.214	3.181	3.9	20.9
12 27	5 24.50	+35 56.2	2.237	3.187	5.5	21.0
1 6	5 15.72	+35 37.7	2.289	3.193	8.2	21.2
1 16	5 9.01	+35 11.2	2.367	3.199	10.9	21.4

487787 2015 RV_{235} 12 16.2 188°.76 2°.4/16.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.13	+14 35.4	2.362	3.122	13.5	21.8
11 17	6 0.21	+14 43.3	2.268	3.121	10.8	21.6
11 27	5 53.09	+14 56.9	2.197	3.120	7.6	21.4
12 7	5 44.29	+15 16.3	2.152	3.118	4.3	21.2
12 17	5 34.56	+15 41.0	2.138	3.116	2.4	21.1
12 27	5 24.86	+16 10.4	2.155	3.113	4.9	21.2
1 6	5 16.13	+16 43.6	2.201	3.110	8.2	21.4
1 16	5 9.16	+17 19.9	2.274	3.106	11.3	21.6

414343 2008 SK_{278} 12 16.2 34°.21 0°.7/16.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 2.58	+26 21.6	2.028	2.809	14.7	20.9
11 17	5 58.59	+26 13.7	1.950	2.818	11.6	20.7
11 27	5 52.12	+26 2.3	1.894	2.827	8.0	20.5
12 7	5 43.81	+25 46.4	1.864	2.836	4.0	20.3
12 17	5 34.62	+25 25.8	1.862	2.846	0.8	20.1
12 27	5 25.69	+25 1.4	1.890	2.856	4.5	20.4
1 6	5 18.08	+24 35.5	1.946	2.866	8.4	20.6
1 16	5 12.56	+24 10.6	2.027	2.877	11.8	20.8

263894 2009 FF_{17} 12 16.2 219°.86 6°.2/15.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 3.04	+ 6 13.7	2.166	2.919	14.7	21.3
11 17	5 58.71	+ 5 34.8	2.075	2.913	12.2	21.1
11 27	5 52.14	+ 5 5.0	2.005	2.907	9.5	21.0
12 7	5 43.85	+ 4 47.6	1.960	2.900	7.1	20.8
12 17	5 34.62	+ 4 45.1	1.943	2.893	6.2	20.7
12 27	5 25.43	+ 4 58.7	1.955	2.886	7.7	20.8
1 6	5 17.25	+ 5 27.4	1.994	2.878	10.3	21.0
1 16	5 10.86	+ 6 9.3	2.058	2.870	13.1	21.1

444867 2007 VQ_{276} 12 16.2 0°.89 2°.7/16.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 3.35	+29 22.3	1.436	2.239	18.7	21.3
11 17	6 0.55	+29 35.8	1.359	2.237	15.0	21.0
11 27	5 54.22	+29 43.6	1.301	2.236	10.6	20.8
12 7	5 45.11	+29 42.4	1.266	2.236	5.8	20.5
12 17	5 34.50	+29 29.8	1.256	2.237	2.7	20.3
12 27	5 24.13	+29 6.1	1.273	2.238	6.3	20.6
1 6	5 15.63	+28 34.8	1.315	2.241	11.1	20.8
1 16	5 10.13	+28 0.8	1.380	2.244	15.3	21.1

107779 2001 FG_{48} 12 16.2 237°.45 2°.4/15.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.18	+18 39.8	1.781	2.560	16.5	20.9
11 17	6 2.74	+18 14.6	1.683	2.549	13.2	20.6
11 27	5 55.34	+17 50.5	1.606	2.537	9.3	20.4
12 7	5 45.58	+17 28.4	1.554	2.524	5.0	20.1
12 17	5 34.46	+17 9.3	1.530	2.511	2.5	19.9
12 27	5 23.33	+16 54.6	1.535	2.497	6.0	20.1
1 6	5 13.54	+16 45.8	1.568	2.483	10.5	20.3
1 16	5 6.14	+16 44.2	1.626	2.468	14.6	20.5

277322 2005 SH_{224} 12 16.2 282°.70 1°.9/16.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.07	+19 43.7	1.561	2.355	17.8	21.6
11 17	6 1.51	+19 27.0	1.470	2.344	14.3	21.3
11 27	5 54.74	+19 11.8	1.398	2.333	10.0	21.0
12 7	5 45.36	+18 58.5	1.350	2.322	5.2	20.7
12 17	5 34.48	+18 47.3	1.329	2.311	2.0	20.5
12 27	5 23.60	+18 39.5	1.336	2.300	6.2	20.7
1 6	5 14.23	+18 36.4	1.368	2.289	11.2	21.0
1 16	5 7.53	+18 39.1	1.424	2.279	15.6	21.2

160652 1999 XB_{109} 12 16.2 36°.20 2°.2/15.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 3.85	+19 22.6	1.392	2.197	19.0	19.5
11 17	6 0.45	+19 0.6	1.330	2.211	15.1	19.3
11 27	5 53.79	+18 40.8	1.288	2.226	10.4	19.1
12 7	5 44.75	+18 24.2	1.269	2.241	5.4	18.8
12 17	5 34.57	+18 11.6	1.275	2.257	2.3	18.7
12 27	5 24.83	+18 4.0	1.309	2.274	6.3	19.0
1 6	5 16.91	+18 2.7	1.367	2.291	11.0	19.3
1 16	5 11.74	+18 8.0	1.449	2.308	15.1	19.6

356570 2011 SK_{224} 12 16.2 298°.48 5°.8/16.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.52	+35 33.7	1.789	2.560	16.7	21.1
11 17	6 3.71	+36 29.8	1.695	2.549	13.8	20.9
11 27	5 56.43	+37 19.8	1.622	2.537	10.5	20.6
12 7	5 46.28	+37 57.3	1.573	2.525	7.3	20.4
12 17	5 34.40	+38 16.8	1.550	2.514	5.8	20.3
12 27	5 22.45	+38 15.5	1.555	2.503	7.7	20.4
1 6	5 12.10	+37 55.7	1.586	2.492	11.1	20.6
1 16	5 4.65	+37 22.6	1.641	2.481	14.6	20.8

409064 2003 SA_{185} 12 16.2 54°.63 0°.1/16.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 3.42	+22 48.5	2.026	2.806	14.7	21.3
11 17	5 59.16	+22 53.9	1.955	2.823	11.6	21.1
11 27	5 52.46	+22 59.2	1.906	2.839	7.9	20.9
12 7	5 43.98	+23 3.5	1.884	2.856	3.9	20.7
12 17	5 34.65	+23 5.9	1.889	2.873	0.4	20.5
12 27	5 25.60	+23 6.5	1.925	2.890	4.5	20.8
1 6	5 17.84	+23 6.2	1.988	2.908	8.3	21.1
1 16	5 12.14	+23 6.4	2.077	2.925	11.6	21.3

72937 2002 AR_{174} 12 16.2 177°.87 1°.8/16.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 12.24	+27 58.2	1.876	2.643	16.2	20.4
11 17	6 6.64	+28 8.5	1.787	2.645	13.0	20.1
11 27	5 57.92	+28 14.9	1.720	2.647	9.1	19.9
12 7	5 46.80	+28 14.3	1.679	2.648	4.8	19.6
12 17	5 34.39	+28 4.6	1.667	2.649	1.8	19.4
12 27	5 22.17	+27 46.0	1.684	2.648	5.3	19.7
1 6	5 11.53	+27 21.1	1.731	2.646	9.6	19.9
1 16	5 3.50	+26 53.7	1.803	2.644	13.4	20.2

228916 2003 SF_{214} 12 16.2 346°.05 3°.2/16.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 3.74	+29 35.7	2.034	2.810	14.8	19.9
11 17	5 59.93	+30 24.2	1.944	2.806	11.9	19.7
11 27	5 53.37	+31 10.6	1.876	2.803	8.5	19.5
12 7	5 44.61	+31 51.0	1.834	2.799	5.0	19.3
12 17	5 34.59	+32 21.9	1.820	2.796	3.2	19.2
12 27	5 24.57	+32 41.2	1.835	2.794	5.6	19.3
1 6	5 15.81	+32 49.5	1.878	2.792	9.1	19.5
1 16	5 9.29	+32 49.4	1.946	2.790	12.5	19.7

383505 2007 CD_{16} 12 16.2 231°.41 0°.6/16.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.81	+21 33.8	1.665	2.451	17.2	21.9
11 17	6 2.67	+21 35.6	1.576	2.447	13.7	21.6
11 27	5 55.40	+21 38.6	1.508	2.443	9.5	21.4
12 7	5 45.65	+21 41.8	1.465	2.438	4.7	21.1
12 17	5 34.50	+21 44.3	1.450	2.433	0.8	20.8
12 27	5 23.42	+21 45.9	1.462	2.428	5.6	21.1
1 6	5 13.85	+21 47.6	1.502	2.423	10.4	21.4
1 16	5 6.87	+21 51.0	1.566	2.418	14.5	21.6

270769 2002 RP_{151} 12 16.2 25°.89 9°.6/14.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	5 58.99	− 0 5.2	1.923	2.674	16.4	20.1
11 17	5 55.62	− 1 32.2	1.860	2.683	14.1	20.0
11 27	5 50.01	− 2 45.4	1.817	2.693	11.8	19.9
12 7	5 42.79	− 3 38.9	1.797	2.703	10.1	19.8
12 17	5 34.78	− 4 8.4	1.803	2.714	9.6	19.8
12 27	5 26.99	− 4 11.7	1.834	2.725	10.6	19.9
1 6	5 20.36	− 3 50.4	1.888	2.737	12.5	20.0
1 16	5 15.59	− 3 8.1	1.965	2.750	14.7	20.2

447983 2008 CG_{161} 12 16.2 85°.34 0°.9/16.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 4.64	+19 37.0	1.935	2.714	15.3	20.7
11 17	6 0.36	+19 49.9	1.852	2.719	12.2	20.5
11 27	5 53.47	+20 6.1	1.792	2.724	8.4	20.3
12 7	5 44.58	+20 24.4	1.756	2.728	4.2	20.1
12 17	5 34.62	+20 43.9	1.750	2.733	1.0	19.9
12 27	5 24.79	+21 3.7	1.773	2.738	4.9	20.1
1 6	5 16.24	+21 23.6	1.824	2.743	9.0	20.4
1 16	5 9.84	+21 44.1	1.900	2.747	12.6	20.6

256318 2006 WA_{199} 12 16.2 225°.71 0°.3/16.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.52	+25 55.1	2.271	3.039	13.7	20.6
11 17	6 0.75	+25 34.3	2.171	3.032	10.9	20.4
11 27	5 53.58	+25 9.3	2.095	3.025	7.5	20.2
12 7	5 44.58	+24 39.6	2.045	3.017	3.7	19.9
12 17	5 34.62	+24 5.2	2.026	3.009	0.4	19.6
12 27	5 24.79	+23 27.7	2.036	3.001	4.4	19.9
1 6	5 16.11	+22 49.5	2.076	2.993	8.2	20.1
1 16	5 9.40	+22 13.6	2.143	2.984	11.6	20.3

96606 1999 AH_{13} 12 16.2 287°.63 1°.0/16.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 1.21	+20 19.3	2.352	3.126	13.1	20.2
11 17	5 57.28	+20 13.9	2.253	3.117	10.4	20.0
11 27	5 51.17	+20 9.5	2.178	3.109	7.2	19.8
12 7	5 43.41	+20 6.0	2.129	3.100	3.6	19.5
12 17	5 34.73	+20 3.4	2.109	3.092	1.1	19.3
12 27	5 26.08	+20 1.9	2.119	3.083	4.3	19.6
1 6	5 18.39	+20 2.2	2.158	3.074	7.9	19.8
1 16	5 12.42	+20 5.1	2.223	3.066	11.1	20.0

305170 2007 VW_{276} 12 16.2 107°.32 1°.9/16.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.83	+28 41.0	1.988	2.756	15.4	21.4
11 17	6 3.58	+28 53.1	1.914	2.773	12.2	21.3
11 27	5 55.58	+29 0.8	1.862	2.789	8.5	21.1
12 7	5 45.54	+29 1.5	1.836	2.804	4.5	20.9
12 17	5 34.55	+28 53.7	1.839	2.820	2.0	20.7
12 27	5 23.88	+28 37.6	1.871	2.835	4.9	20.9
1 6	5 14.74	+28 15.6	1.933	2.849	8.7	21.2
1 16	5 7.95	+27 51.2	2.020	2.863	12.1	21.4

160041 1999 NJ_{36} 12 16.2 90°.30 3°.0/16.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.49	+14 10.0	1.785	2.558	16.7	20.0
11 17	6 2.54	+14 17.1	1.716	2.577	13.3	19.8
11 27	5 54.88	+14 31.7	1.669	2.596	9.4	19.6
12 7	5 45.21	+14 54.0	1.648	2.614	5.3	19.4
12 17	5 34.58	+15 23.1	1.654	2.632	3.0	19.3
12 27	5 24.24	+15 57.8	1.690	2.650	5.8	19.5
1 6	5 15.37	+16 36.7	1.755	2.668	9.7	19.8
1 16	5 8.81	+17 18.6	1.844	2.685	13.2	20.0

458631 2011 FH_{143} 12 16.2 281°.68 4°.7/15.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 0.14	+10 25.2	2.386	3.149	13.2	21.8
11 17	5 56.33	+ 9 43.1	2.283	3.133	10.8	21.6
11 27	5 50.49	+ 9 6.0	2.203	3.117	8.2	21.4
12 7	5 43.07	+ 8 36.5	2.149	3.100	5.7	21.2
12 17	5 34.77	+ 8 17.0	2.123	3.084	4.8	21.1
12 27	5 26.45	+ 8 9.0	2.127	3.067	6.4	21.2
1 6	5 18.99	+ 8 13.1	2.158	3.051	9.2	21.3
1 16	5 13.11	+ 8 28.6	2.215	3.034	12.0	21.5

381705 2009 LH_{6} 12 16.2 157°.61 0°.9/16.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 11.26	+26 42.3	1.797	2.569	16.6	21.7
11 17	6 5.84	+26 36.3	1.714	2.577	13.2	21.5
11 27	5 57.33	+26 26.1	1.653	2.583	9.2	21.3
12 7	5 46.49	+26 9.7	1.617	2.589	4.6	21.0
12 17	5 34.47	+25 46.3	1.610	2.594	1.0	20.8
12 27	5 22.75	+25 17.0	1.633	2.598	5.2	21.1
1 6	5 12.68	+24 44.8	1.684	2.602	9.7	21.3
1 16	5 5.24	+24 13.5	1.760	2.605	13.5	21.6

520278 2014 EN_{213} 12 16.2 13°.44 10°.1/15.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 2.42	+ 1 49.5	1.551	2.319	19.0	21.8
11 17	5 59.00	+ 0 34.6	1.480	2.320	16.2	21.7
11 27	5 52.73	− 0 25.4	1.428	2.321	13.3	21.5
12 7	5 44.28	− 1 3.6	1.399	2.322	10.9	21.3
12 17	5 34.68	− 1 15.0	1.393	2.324	10.2	21.3
12 27	5 25.26	− 0 57.6	1.412	2.326	11.5	21.4
1 6	5 17.28	− 0 13.5	1.454	2.328	14.1	21.5
1 16	5 11.67	+ 0 52.3	1.518	2.330	17.0	21.7

445971 2013 BZ_{7} 12 16.2 125°.66 5°.8/17.3 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 12.06	+39 29.2	1.952	2.701	16.2	21.6
11 17	6 6.69	+39 54.4	1.873	2.709	13.5	21.4
11 27	5 58.01	+40 7.7	1.813	2.716	10.3	21.2
12 7	5 46.84	+40 3.9	1.779	2.723	7.3	21.1
12 17	5 34.45	+39 39.4	1.771	2.730	5.8	21.0
12 27	5 22.46	+38 54.6	1.792	2.736	7.2	21.1
1 6	5 12.33	+37 54.3	1.841	2.742	10.0	21.3
1 16	5 5.04	+36 45.2	1.915	2.748	13.1	21.5

231710 1998 UL_{41} 12 16.2 3°.44 7°.8/15.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	5 55.79	+ 8 36.4	1.396	2.202	18.9	19.2
11 17	5 54.11	+ 7 31.4	1.328	2.201	15.6	19.0
11 27	5 49.52	+ 6 36.9	1.280	2.202	12.0	18.8
12 7	5 42.74	+ 5 58.5	1.253	2.204	8.9	18.6
12 17	5 34.82	+ 5 40.6	1.250	2.208	7.8	18.6
12 27	5 27.12	+ 5 45.6	1.272	2.214	9.7	18.7
1 6	5 20.90	+ 6 12.0	1.317	2.221	13.0	18.9
1 16	5 17.08	+ 6 56.3	1.384	2.230	16.4	19.1

24716 1991 RB_{19} 12 16.2 50°.93 6°.7/17.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 10.60	+38 58.4	1.592	2.361	18.6	17.9
11 17	6 6.27	+39 38.0	1.522	2.370	15.4	17.7
11 27	5 58.10	+40 5.2	1.471	2.380	11.8	17.5
12 7	5 46.99	+40 13.2	1.444	2.390	8.4	17.4
12 17	5 34.44	+39 57.4	1.441	2.401	6.7	17.3
12 27	5 22.36	+39 18.0	1.466	2.412	8.2	17.4
1 6	5 12.48	+38 20.3	1.516	2.422	11.4	17.6
1 16	5 5.90	+37 12.6	1.590	2.433	14.8	17.9

25409 1999 VD_{36} 12 16.2 348°.66 2°.8/15.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 4.05	+21 20.2	1.556	2.353	17.7	17.8
11 17	6 0.48	+20 10.9	1.473	2.349	14.1	17.6
11 27	5 53.83	+18 57.0	1.410	2.346	9.9	17.3
12 7	5 44.83	+17 41.1	1.372	2.343	5.3	17.1
12 17	5 34.64	+16 27.2	1.361	2.341	2.9	16.9
12 27	5 24.71	+15 20.4	1.378	2.339	6.7	17.1
1 6	5 16.40	+14 25.0	1.421	2.338	11.2	17.4
1 16	5 10.68	+13 43.9	1.488	2.337	15.3	17.7

229311 2005 EG_{281} 12 16.2 298°.07 1°.5/16.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 1.03	+18 11.1	2.329	3.103	13.2	20.6
11 17	5 57.16	+18 11.9	2.232	3.095	10.5	20.4
11 27	5 51.12	+18 15.7	2.157	3.087	7.3	20.2
12 7	5 43.41	+18 22.4	2.109	3.079	3.8	19.9
12 17	5 34.78	+18 31.8	2.090	3.072	1.6	19.7
12 27	5 26.15	+18 43.9	2.101	3.064	4.5	19.9
1 6	5 18.48	+18 58.6	2.141	3.056	8.0	20.1
1 16	5 12.51	+19 16.0	2.206	3.049	11.2	20.3

492846 2014 QW_{332} 12 16.2 186°.42 1°.8/16.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.21	+28 4.7	2.529	3.290	12.6	21.7
11 17	6 0.36	+28 27.9	2.435	3.290	10.1	21.6
11 27	5 53.26	+28 48.7	2.364	3.289	7.1	21.4
12 7	5 44.44	+29 4.7	2.320	3.288	3.8	21.2
12 17	5 34.69	+29 14.1	2.307	3.287	1.8	21.0
12 27	5 24.99	+29 16.4	2.324	3.285	4.3	21.2
1 6	5 16.33	+29 12.5	2.370	3.283	7.5	21.4
1 16	5 9.48	+29 4.4	2.444	3.281	10.5	21.6

70891 1999 VD_{168} 12 16.2 235°.90 2°.5/15.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.72	+20 28.2	1.885	2.664	15.7	19.8
11 17	6 1.24	+19 32.0	1.794	2.661	12.5	19.5
11 27	5 54.07	+18 33.2	1.726	2.657	8.7	19.3
12 7	5 44.88	+17 33.4	1.683	2.653	4.7	19.1
12 17	5 34.65	+16 35.4	1.670	2.650	2.5	18.9
12 27	5 24.61	+15 42.7	1.686	2.646	5.8	19.1
1 6	5 15.93	+14 58.3	1.730	2.642	9.9	19.3
1 16	5 9.48	+14 24.7	1.799	2.638	13.6	19.6

137583 1999 VE_{141} 12 16.2 85°.09 3°.7/16.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 12.85	+29 40.3	1.479	2.262	19.1	19.9
11 17	6 7.82	+30 29.1	1.416	2.282	15.3	19.7
11 27	5 59.05	+31 13.8	1.373	2.301	10.8	19.5
12 7	5 47.44	+31 48.7	1.355	2.321	6.2	19.3
12 17	5 34.43	+32 8.9	1.363	2.340	3.7	19.2
12 27	5 21.89	+32 13.2	1.399	2.359	6.7	19.4
1 6	5 11.48	+32 4.3	1.461	2.377	11.0	19.7
1 16	5 4.32	+31 47.5	1.547	2.396	14.8	20.0

471033 2009 TJ_5 12 16.2 47°.16 2°.8/15.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.44	+19 21.1	1.233	2.042	20.8	20.8
11 17	6 2.80	+18 44.3	1.177	2.059	16.4	20.6
11 27	5 55.55	+18 9.5	1.139	2.077	11.4	20.4
12 7	5 45.66	+17 38.4	1.124	2.096	6.0	20.1
12 17	5 34.60	+17 12.6	1.134	2.115	2.9	20.0
12 27	5 24.14	+16 54.4	1.170	2.135	7.0	20.3
1 6	5 15.79	+16 45.4	1.231	2.155	11.9	20.6
1 16	5 10.52	+16 46.0	1.315	2.175	16.2	21.0

477801 2011 CU_{85} 12 16.2 318°.79 0°.2/16.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 2.96	+23 48.8	1.259	2.074	20.1	21.5
11 17	6 0.84	+23 38.1	1.170	2.057	16.2	21.2
11 27	5 54.88	+23 25.2	1.099	2.041	11.3	20.9
12 7	5 45.70	+23 9.1	1.050	2.025	5.6	20.5
12 17	5 34.57	+22 49.1	1.026	2.010	0.6	20.1
12 27	5 23.37	+22 26.6	1.027	1.996	6.8	20.5
1 6	5 14.02	+22 4.7	1.052	1.982	12.7	20.7
1 16	5 7.93	+21 46.9	1.098	1.969	17.9	21.0

255532 2006 HU_{19} 12 16.2 126°.84 3°.2/15.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 10.19	+16 59.2	1.595	2.375	18.1	21.6
11 17	6 5.03	+16 29.7	1.524	2.389	14.4	21.4
11 27	5 56.78	+16 3.6	1.473	2.403	10.1	21.2
12 7	5 46.22	+15 42.2	1.447	2.415	5.6	21.0
12 17	5 34.55	+15 26.7	1.449	2.427	3.2	20.9
12 27	5 23.25	+15 18.6	1.479	2.439	6.5	21.1
1 6	5 13.66	+15 18.6	1.537	2.450	10.8	21.4
1 16	5 6.72	+15 26.8	1.618	2.460	14.7	21.6

70716 Mehall 12 16.2 106°.12 0°.6/16.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.35	+20 39.1	2.002	2.772	15.2	20.7
11 17	6 3.00	+20 49.8	1.931	2.793	12.0	20.5
11 27	5 55.10	+21 2.3	1.883	2.813	8.2	20.3
12 7	5 45.32	+21 15.4	1.860	2.832	4.1	20.1
12 17	5 34.65	+21 28.0	1.868	2.851	0.7	19.9
12 27	5 24.28	+21 39.6	1.905	2.870	4.7	20.2
1 6	5 15.29	+21 50.5	1.971	2.888	8.6	20.5
1 16	5 8.49	+22 1.8	2.064	2.905	12.0	20.7

109837 2001 RD_{124} 12 16.2 43°.25 1°.0/16.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 3.83	+20 40.8	1.815	2.601	16.0	20.0
11 17	5 59.90	+20 37.7	1.735	2.606	12.7	19.8
11 27	5 53.24	+20 36.1	1.677	2.611	8.7	19.6
12 7	5 44.53	+20 35.5	1.644	2.617	4.4	19.4
12 17	5 34.74	+20 35.5	1.639	2.622	1.1	19.1
12 27	5 25.15	+20 36.4	1.663	2.628	5.1	19.4
1 6	5 16.93	+20 39.0	1.714	2.634	9.3	19.7
1 16	5 10.98	+20 44.2	1.790	2.640	13.0	19.9

41038 1999 UX_{52} 12 16.2 306°.33 5°.5/15.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 0.75	+ 8 4.4	2.165	2.927	14.4	18.7
11 17	5 56.94	+ 7 30.5	2.077	2.924	11.9	18.5
11 27	5 50.97	+ 7 5.0	2.011	2.920	9.1	18.4
12 7	5 43.35	+ 6 50.6	1.970	2.917	6.5	18.2
12 17	5 34.85	+ 6 49.2	1.956	2.913	5.5	18.1
12 27	5 26.42	+ 7 1.9	1.972	2.910	7.1	18.2
1 6	5 18.98	+ 7 28.0	2.014	2.906	9.8	18.4
1 16	5 13.29	+ 8 5.5	2.081	2.903	12.6	18.6

444509 2006 ST_{26} 12 16.2 39°.63 6°.7/16.9 15

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 10.39	+36 39.2	1.396	2.180	20.0	21.5
11 17	6 6.23	+37 40.0	1.348	2.207	16.3	21.3
11 27	5 58.07	+38 29.2	1.318	2.235	12.2	21.2
12 7	5 46.96	+38 59.6	1.312	2.263	8.5	21.0
12 17	5 34.54	+39 6.0	1.330	2.293	6.7	21.0
12 27	5 22.84	+38 48.4	1.374	2.322	8.4	21.2
1 6	5 13.57	+38 12.3	1.444	2.352	11.7	21.5
1 16	5 7.77	+37 25.5	1.536	2.383	15.0	21.8

43997 1997 QX 12 16.2 46°.07 4°.0/16.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.53	+34 58.8	2.200	2.961	14.3	19.6
11 17	6 1.09	+35 22.4	2.116	2.965	11.6	19.4
11 27	5 53.98	+35 38.4	2.054	2.970	8.6	19.2
12 7	5 44.86	+35 43.2	2.018	2.974	5.6	19.0
12 17	5 34.72	+35 34.5	2.010	2.979	4.0	19.0
12 27	5 24.78	+35 12.1	2.031	2.984	5.7	19.1
1 6	5 16.21	+34 38.8	2.080	2.989	8.6	19.3
1 16	5 9.87	+33 58.7	2.155	2.994	11.6	19.5

149665 2004 FD_{122} 12 16.2 193°.38 1°.7/16.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.64	+19 15.6	1.903	2.677	15.8	21.2
11 17	6 2.83	+19 4.4	1.812	2.676	12.6	21.0
11 27	5 55.26	+18 55.1	1.744	2.674	8.8	20.7
12 7	5 45.54	+18 47.6	1.700	2.671	4.5	20.5
12 17	5 34.66	+18 41.9	1.686	2.668	1.8	20.3
12 27	5 23.87	+18 38.7	1.701	2.664	5.4	20.5
1 6	5 14.40	+18 38.8	1.745	2.660	9.6	20.8
1 16	5 7.20	+18 43.2	1.814	2.655	13.3	21.0

95671 2002 GC_{163} 12 16.2 120°.03 4°.3/15.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 1.87	+11 7.9	2.323	3.085	13.6	20.1
11 17	5 57.56	+10 33.5	2.242	3.093	11.0	19.9
11 27	5 51.23	+10 4.9	2.184	3.099	8.1	19.7
12 7	5 43.41	+ 9 44.1	2.152	3.106	5.4	19.6
12 17	5 34.86	+ 9 32.9	2.148	3.113	4.3	19.5
12 27	5 26.45	+ 9 32.2	2.175	3.119	6.0	19.6
1 6	5 19.05	+ 9 42.0	2.229	3.126	8.8	19.8
1 16	5 13.32	+10 1.2	2.309	3.132	11.5	20.0

298466 2003 UQ_{158} 12 16.2 5°.32 7°.5/15.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.32	+34 52.0	1.427	2.217	19.4	19.9
11 17	6 4.41	+36 33.1	1.353	2.217	16.0	19.7
11 27	5 57.43	+38 10.1	1.299	2.218	12.2	19.4
12 7	5 47.01	+39 33.6	1.268	2.219	8.8	19.2
12 17	5 34.51	+40 34.3	1.263	2.222	7.5	19.2
12 27	5 21.98	+41 7.2	1.282	2.225	9.5	19.3
1 6	5 11.51	+41 13.9	1.326	2.229	13.0	19.5
1 16	5 4.60	+41 0.7	1.392	2.234	16.6	19.8

444178 2005 QP_1 12 16.2 130°.05 1°.5/16.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 4.72	+19 31.8	2.265	3.033	13.7	21.6
11 17	5 59.91	+19 14.9	2.183	3.043	10.8	21.4
11 27	5 52.88	+18 58.9	2.124	3.053	7.5	21.2
12 7	5 44.23	+18 44.2	2.093	3.063	3.9	21.0
12 17	5 34.79	+18 31.2	2.091	3.072	1.6	20.8
12 27	5 25.55	+18 20.6	2.119	3.081	4.6	21.1
1 6	5 17.44	+18 13.5	2.176	3.090	8.1	21.3
1 16	5 11.19	+18 10.7	2.260	3.098	11.2	21.5

469346 2000 TN_{64} 12 16.2 146°.57 2°.2/16.5 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 15.16	+29 35.6	2.115	2.866	15.1	23.3
11 17	6 8.46	+29 52.0	2.034	2.882	12.1	23.2
11 27	5 58.90	+30 3.5	1.976	2.897	8.5	23.0
12 7	5 47.23	+30 6.9	1.945	2.911	4.7	22.8
12 17	5 34.53	+29 59.9	1.945	2.924	2.3	22.6
12 27	5 22.15	+29 42.7	1.975	2.936	5.0	22.8
1 6	5 11.33	+29 17.8	2.036	2.946	8.7	23.1
1 16	5 2.97	+28 49.3	2.123	2.955	12.0	23.3

422995 2003 SQ_{137} 12 16.2 125°.83 2°.9/16.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 13.90	+29 52.7	1.722	2.491	17.4	22.1
11 17	6 8.14	+30 19.8	1.650	2.507	13.9	21.9
11 27	5 59.03	+30 41.8	1.598	2.523	9.8	21.7
12 7	5 47.39	+30 54.6	1.572	2.538	5.5	21.5
12 17	5 34.51	+30 55.0	1.574	2.553	2.9	21.3
12 27	5 22.03	+30 42.6	1.605	2.566	5.9	21.5
1 6	5 11.41	+30 20.5	1.665	2.579	10.0	21.8
1 16	5 3.70	+29 53.5	1.749	2.591	13.7	22.1

228903 2003 SN_{107} 12 16.2 63°.65 0°.1/16.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 3.46	+23 59.1	2.146	2.922	14.1	20.2
11 17	5 59.09	+23 46.0	2.069	2.935	11.1	20.0
11 27	5 52.39	+23 31.0	2.016	2.948	7.6	19.8
12 7	5 44.01	+23 13.7	1.989	2.961	3.7	19.6
12 17	5 34.83	+22 54.2	1.991	2.974	0.4	19.3
12 27	5 25.92	+22 33.5	2.022	2.988	4.3	19.7
1 6	5 18.25	+22 13.3	2.083	3.001	8.0	19.9
1 16	5 12.54	+21 55.5	2.169	3.015	11.3	20.2

231328 2006 DW_{38} 12 16.2 128°.98 0°.8/16.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 3.81	+25 51.7	2.647	3.409	12.1	21.8
11 17	5 59.01	+26 1.1	2.563	3.420	9.6	21.6
11 27	5 52.19	+26 8.7	2.502	3.430	6.6	21.5
12 7	5 43.89	+26 13.0	2.469	3.439	3.3	21.3
12 17	5 34.85	+26 13.1	2.465	3.448	0.9	21.1
12 27	5 25.97	+26 9.2	2.493	3.457	3.8	21.3
1 6	5 18.08	+26 2.1	2.551	3.466	6.9	21.5
1 16	5 11.85	+25 53.5	2.636	3.474	9.7	21.7

367648 2009 WZ_{76} 12 16.2 59°.39 1°.0/16.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 4.11	+27 51.0	2.180	2.952	14.1	20.7
11 17	5 59.68	+27 38.0	2.097	2.960	11.1	20.6
11 27	5 52.85	+27 20.2	2.037	2.967	7.7	20.4
12 7	5 44.26	+26 56.6	2.003	2.974	3.9	20.1
12 17	5 34.82	+26 26.9	1.998	2.982	1.1	19.9
12 27	5 25.64	+25 52.7	2.024	2.989	4.4	20.2
1 6	5 17.72	+25 16.4	2.078	2.997	8.0	20.4
1 16	5 11.82	+24 40.9	2.158	3.004	11.3	20.7

33021 1997 MV_{10} 12 16.2 170°.18 1°.2/16.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 9.62	+26 1.0	1.940	2.710	15.6	20.4
11 17	6 4.47	+26 17.0	1.853	2.714	12.5	20.1
11 27	5 56.42	+26 31.1	1.788	2.717	8.7	19.9
12 7	5 46.14	+26 40.9	1.749	2.719	4.4	19.7
12 17	5 34.65	+26 44.3	1.738	2.721	1.3	19.5
12 27	5 23.31	+26 40.9	1.758	2.722	5.0	19.7
1 6	5 13.40	+26 32.3	1.806	2.723	9.2	20.0
1 16	5 5.90	+26 21.2	1.880	2.723	12.9	20.2

286855 2002 ND_{69} 12 16.2 82°.09 3°.2/17.0 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.96	+34 58.8	2.328	3.083	13.8	20.5
11 17	6 1.86	+34 54.1	2.247	3.093	11.1	20.3
11 27	5 54.28	+34 40.4	2.188	3.104	8.1	20.1
12 7	5 44.93	+34 15.3	2.155	3.114	5.0	20.0
12 17	5 34.77	+33 38.0	2.151	3.124	3.2	19.9
12 27	5 24.96	+32 49.7	2.178	3.135	5.0	20.0
1 6	5 16.52	+31 54.1	2.234	3.145	8.0	20.2
1 16	5 10.21	+30 55.4	2.316	3.155	10.9	20.4

491462 2012 GE_{30} 12 16.2 205°.51 3°.9/15.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 1.39	+12 5.9	2.573	3.331	12.5	22.3
11 17	5 57.07	+11 28.5	2.479	3.328	10.1	22.1
11 27	5 50.87	+10 55.3	2.409	3.325	7.4	22.0
12 7	5 43.26	+10 28.3	2.365	3.321	4.9	21.8
12 17	5 34.92	+10 9.0	2.351	3.317	3.9	21.7
12 27	5 26.64	+ 9 58.8	2.367	3.312	5.6	21.8
1 6	5 19.23	+ 9 58.2	2.412	3.308	8.2	22.0
1 16	5 13.33	+10 6.8	2.483	3.303	10.9	22.2

520500 2014 LQ_{29} 12 16.2 295°.94 7°.4/14.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 2.42	+ 8 42.7	1.721	2.498	17.1	21.2
11 17	5 58.91	+ 7 24.7	1.633	2.488	14.2	20.9
11 27	5 52.68	+ 6 12.9	1.566	2.478	11.0	20.7
12 7	5 44.34	+ 5 12.6	1.523	2.468	8.3	20.5
12 17	5 34.82	+ 4 28.9	1.506	2.458	7.5	20.5
12 27	5 25.35	+ 4 5.5	1.516	2.448	9.3	20.6
1 6	5 17.15	+ 4 3.4	1.551	2.439	12.5	20.7
1 16	5 11.15	+ 4 20.9	1.609	2.429	15.8	20.9

330777 2008 TB_{37} 12 16.2 58°.53 4°.5/16.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 9.06	+33 15.1	2.116	2.876	14.8	20.2
11 17	6 3.89	+34 24.2	2.053	2.901	12.0	20.1
11 27	5 55.92	+35 28.1	2.013	2.927	8.8	19.9
12 7	5 45.84	+36 21.4	1.999	2.953	5.8	19.8
12 17	5 34.71	+37 0.0	2.014	2.979	4.5	19.8
12 27	5 23.83	+37 22.1	2.058	3.005	6.1	19.9
1 6	5 14.43	+37 29.3	2.130	3.031	8.9	20.2
1 16	5 7.40	+37 25.1	2.228	3.056	11.7	20.4

70391 1999 RP_{230} 12 16.2 119°.17 6°.3/16.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 5.68	+ 5 59.5	2.038	2.789	15.6	20.2
11 17	6 0.74	+ 5 25.5	1.967	2.804	12.9	20.1
11 27	5 53.50	+ 5 2.3	1.918	2.819	9.9	19.9
12 7	5 44.58	+ 4 52.8	1.893	2.834	7.3	19.8
12 17	5 34.85	+ 4 58.9	1.897	2.848	6.3	19.7
12 27	5 25.36	+ 5 20.7	1.929	2.861	7.7	19.9
1 6	5 17.08	+ 5 56.9	1.989	2.874	10.3	20.0
1 16	5 10.75	+ 6 44.5	2.074	2.887	13.0	20.2

85380 1996 JS 12 16.2 139°.59 1°.1/16.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.56	+21 11.1	2.019	2.788	15.1	20.1
11 17	6 3.23	+20 55.9	1.939	2.800	12.0	19.9
11 27	5 55.31	+20 40.6	1.882	2.812	8.3	19.7
12 7	5 45.51	+20 25.1	1.851	2.822	4.1	19.5
12 17	5 34.77	+20 9.5	1.850	2.833	1.2	19.3
12 27	5 24.30	+19 54.7	1.878	2.842	4.9	19.6
1 6	5 15.19	+19 42.3	1.936	2.851	8.8	19.8
1 16	5 8.27	+19 33.6	2.020	2.859	12.3	20.0

445981 2013 BS_{44} 12 16.2 41°.81 1°.5/15.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.21	+23 8.8	1.714	2.500	16.8	20.9
11 17	6 1.89	+22 15.7	1.632	2.503	13.3	20.6
11 27	5 54.65	+21 18.2	1.572	2.506	9.2	20.4
12 7	5 45.25	+20 17.4	1.537	2.509	4.6	20.1
12 17	5 34.79	+19 15.8	1.530	2.512	1.6	19.9
12 27	5 24.65	+18 17.2	1.552	2.516	5.7	20.2
1 6	5 16.07	+17 25.5	1.601	2.519	10.1	20.5
1 16	5 9.95	+16 43.8	1.675	2.522	14.0	20.7

234753 2002 OQ_{1} 12 16.2 80°.08 0°.8/16.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 3.54	+22 35.9	2.335	3.105	13.3	20.0
11 17	5 58.89	+22 8.6	2.258	3.121	10.5	19.8
11 27	5 52.13	+21 39.8	2.205	3.136	7.2	19.6
12 7	5 43.87	+21 9.7	2.179	3.151	3.5	19.4
12 17	5 34.92	+20 39.1	2.183	3.166	0.9	19.2
12 27	5 26.25	+20 9.6	2.217	3.181	4.2	19.5
1 6	5 18.72	+19 42.9	2.281	3.196	7.6	19.8
1 16	5 12.99	+19 20.6	2.371	3.211	10.6	20.0

56082 1999 AK_{9} 12 16.2 347°.14 2°.3/16.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	5 59.64	+19 13.3	1.164	1.990	20.7	19.0
11 17	5 58.21	+18 59.2	1.087	1.980	16.6	18.8
11 27	5 53.04	+18 48.3	1.028	1.971	11.7	18.4
12 7	5 44.81	+18 41.8	0.990	1.964	6.1	18.1
12 17	5 34.82	+18 40.2	0.976	1.958	2.4	17.9
12 27	5 24.89	+18 44.3	0.985	1.953	7.2	18.1
1 6	5 16.86	+18 54.6	1.018	1.950	12.8	18.4
1 16	5 12.01	+19 11.5	1.072	1.948	17.8	18.7

455958 2005 VX_{18} 12 16.2 37°.97 0°.1/16.2 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 3.69	+23 32.3	1.917	2.700	15.3	21.7
11 17	5 59.71	+23 29.2	1.835	2.705	12.1	21.5
11 27	5 53.09	+23 25.1	1.776	2.709	8.4	21.3
12 7	5 44.49	+23 19.1	1.741	2.714	4.1	21.0
12 17	5 34.86	+23 10.7	1.735	2.719	0.4	20.8
12 27	5 25.43	+23 0.5	1.758	2.724	4.8	21.1
1 6	5 17.33	+22 49.8	1.809	2.730	8.9	21.4
1 16	5 11.42	+22 40.6	1.885	2.735	12.5	21.6

191535 2003 UE_{218} 12 16.2 109°.30 3°.4/16.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.40	+33 33.1	2.781	3.524	12.0	21.2
11 17	6 2.68	+34 21.2	2.707	3.545	9.7	21.0
11 27	5 54.75	+35 4.2	2.656	3.567	7.1	20.9
12 7	5 45.19	+35 38.8	2.633	3.587	4.6	20.8
12 17	5 34.81	+36 2.3	2.641	3.607	3.4	20.7
12 27	5 24.59	+36 13.6	2.680	3.627	4.8	20.9
1 6	5 15.47	+36 14.0	2.748	3.646	7.2	21.0
1 16	5 8.18	+36 6.0	2.844	3.665	9.6	21.2

12867 Joëloïc 12 16.2 76°.81 4°.7/16.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.96	+13 9.6	1.452	2.238	19.3	17.2
11 17	6 4.13	+12 39.0	1.396	2.262	15.5	17.0
11 27	5 56.17	+12 16.6	1.360	2.286	11.1	16.9
12 7	5 45.96	+12 4.6	1.347	2.310	6.8	16.7
12 17	5 34.76	+12 4.3	1.361	2.334	4.8	16.6
12 27	5 24.09	+12 16.1	1.402	2.357	7.4	16.8
1 6	5 15.26	+12 38.8	1.469	2.380	11.4	17.1
1 16	5 9.14	+13 10.7	1.560	2.403	15.0	17.4

329487 2002 QY_{114} 12 16.2 72°.85 1°.6/16.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 2.30	+19 17.7	2.282	3.056	13.5	20.9
11 17	5 58.00	+18 59.6	2.205	3.068	10.6	20.7
11 27	5 51.59	+18 42.7	2.151	3.081	7.3	20.5
12 7	5 43.64	+18 27.4	2.123	3.094	3.8	20.3
12 17	5 34.96	+18 14.2	2.125	3.106	1.6	20.2
12 27	5 26.50	+18 4.1	2.157	3.119	4.5	20.4
1 6	5 19.13	+17 57.8	2.217	3.132	7.9	20.7
1 16	5 13.53	+17 56.0	2.304	3.145	10.9	20.9

442937 2013 CN_{72} 12 16.2 60°.68 8°.3/16.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 3.79	+ 2 44.6	1.685	2.445	18.0	21.0
11 17	5 59.77	+ 2 4.6	1.619	2.457	15.1	20.8
11 27	5 53.10	+ 1 40.0	1.573	2.469	12.0	20.7
12 7	5 44.48	+ 1 35.4	1.550	2.482	9.4	20.5
12 17	5 34.89	+ 1 53.1	1.552	2.494	8.3	20.5
12 27	5 25.57	+ 2 33.1	1.581	2.507	9.6	20.6
1 6	5 17.63	+ 3 32.3	1.635	2.519	12.2	20.8
1 16	5 11.92	+ 4 45.9	1.713	2.532	15.0	21.0

311787 2006 UD_{65} 12 16.2 319°.31 6°.7/15.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 0.90	+ 9 40.3	1.726	2.508	16.8	20.8
11 17	5 57.75	+ 8 36.4	1.637	2.497	13.9	20.6
11 27	5 51.93	+ 7 38.8	1.569	2.485	10.6	20.3
12 7	5 44.02	+ 6 52.2	1.525	2.475	7.7	20.1
12 17	5 34.94	+ 6 20.8	1.506	2.464	6.7	20.1
12 27	5 25.89	+ 6 7.7	1.515	2.454	8.7	20.1
1 6	5 18.07	+ 6 13.3	1.549	2.445	12.0	20.3
1 16	5 12.42	+ 6 36.1	1.606	2.436	15.4	20.5

40919 Johntonry 12 16.2 137°.62 1°.8/16.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.84	+18 4.3	2.153	2.919	14.4	19.8
11 17	6 1.71	+17 57.3	2.072	2.931	11.4	19.6
11 27	5 54.22	+17 53.0	2.015	2.942	7.9	19.4
12 7	5 44.98	+17 51.3	1.984	2.953	4.2	19.2
12 17	5 34.87	+17 52.4	1.982	2.963	1.8	19.1
12 27	5 24.95	+17 56.4	2.011	2.973	4.8	19.3
1 6	5 16.25	+18 3.6	2.069	2.982	8.4	19.5
1 16	5 9.52	+18 14.4	2.154	2.990	11.7	19.8

414331 2008 SY_{113} 12 16.2 94°.33 3°.5/16.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.88	+32 46.3	2.422	3.180	13.2	21.6
11 17	6 1.12	+33 27.8	2.341	3.189	10.7	21.4
11 27	5 53.92	+34 4.5	2.282	3.199	7.8	21.3
12 7	5 44.89	+34 32.8	2.250	3.208	4.9	21.1
12 17	5 34.89	+34 49.9	2.248	3.218	3.5	21.0
12 27	5 25.02	+34 54.9	2.275	3.227	5.2	21.2
1 6	5 16.33	+34 49.2	2.330	3.236	8.0	21.3
1 16	5 9.63	+34 35.5	2.412	3.245	10.7	21.5

503288 2015 XT_{170} 12 16.2 313°.93 14°.3/19.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 17.58	+49 23.1	1.026	1.802	26.2	20.8
11 17	6 15.61	+50 23.7	0.953	1.792	23.1	20.6
11 27	6 6.87	+50 58.9	0.894	1.782	19.6	20.3
12 7	5 52.20	+50 52.2	0.852	1.773	16.3	20.1
12 17	5 34.24	+49 48.8	0.828	1.764	14.4	19.9
12 27	5 17.06	+47 46.2	0.825	1.756	15.1	19.9
1 6	5 4.23	+44 59.2	0.844	1.749	18.2	20.1
1 16	4 57.51	+41 51.0	0.881	1.742	22.2	20.3

70930 1999 VN_{218} 12 16.2 180°.48 4°.6/15.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.09	+11 27.3	2.168	2.928	14.5	20.9
11 17	6 0.33	+10 46.5	2.080	2.929	11.8	20.7
11 27	5 53.30	+10 11.1	2.015	2.930	8.7	20.5
12 7	5 44.56	+ 9 43.5	1.976	2.930	5.8	20.4
12 17	5 34.92	+ 9 25.9	1.965	2.930	4.6	20.3
12 27	5 25.40	+ 9 19.6	1.984	2.929	6.5	20.4
1 6	5 16.97	+ 9 24.9	2.032	2.928	9.5	20.6
1 16	5 10.39	+ 9 41.0	2.105	2.925	12.5	20.8

118590 2000 GR_{72} 12 16.2 270°.26 0°.5/16.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.51	+22 5.0	1.675	2.462	17.1	20.7
11 17	6 2.69	+22 4.1	1.575	2.446	13.7	20.4
11 27	5 55.67	+22 3.9	1.495	2.429	9.6	20.1
12 7	5 46.02	+22 3.2	1.440	2.413	4.8	19.8
12 17	5 34.79	+22 1.1	1.412	2.396	0.7	19.5
12 27	5 23.43	+21 57.7	1.412	2.378	5.7	19.8
1 6	5 13.47	+21 54.2	1.440	2.361	10.7	20.0
1 16	5 6.10	+21 52.6	1.491	2.344	15.1	20.3

259650 2003 WH_{103} 12 16.2 39°.99 2°.0/15.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.40	+21 49.2	1.216	2.028	20.9	19.6
11 17	6 3.08	+21 8.6	1.153	2.037	16.6	19.3
11 27	5 55.99	+20 26.4	1.107	2.047	11.4	19.1
12 7	5 46.08	+19 43.7	1.085	2.058	5.8	18.8
12 17	5 34.81	+19 2.7	1.087	2.069	2.1	18.6
12 27	5 24.04	+18 26.8	1.115	2.081	6.9	18.9
1 6	5 15.42	+17 59.2	1.167	2.093	12.2	19.3
1 16	5 9.99	+17 41.9	1.242	2.106	16.7	19.6

492151 2013 PF_{8} 12 16.2 209°.50 2°.3/16.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.37	+31 55.3	2.675	3.428	12.2	22.1
11 17	6 0.42	+31 54.6	2.576	3.424	9.8	22.0
11 27	5 53.29	+31 47.8	2.500	3.420	7.0	21.8
12 7	5 44.53	+31 33.0	2.451	3.415	4.1	21.6
12 17	5 34.94	+31 9.3	2.432	3.409	2.3	21.4
12 27	5 25.48	+30 37.2	2.444	3.404	4.2	21.6
1 6	5 17.07	+29 58.9	2.486	3.398	7.2	21.8
1 16	5 10.43	+29 17.6	2.555	3.392	10.1	21.9

513130 2000 BH_{33} 12 16.2 291°.50 1°.9/16.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 5.01	+19 7.7	1.498	2.295	18.3	21.5
11 17	6 1.77	+19 0.0	1.404	2.280	14.7	21.3
11 27	5 55.19	+18 55.3	1.330	2.266	10.3	21.0
12 7	5 45.84	+18 54.0	1.279	2.251	5.4	20.6
12 17	5 34.81	+18 55.9	1.254	2.237	2.0	20.4
12 27	5 23.69	+19 1.2	1.257	2.223	6.4	20.6
1 6	5 14.08	+19 10.7	1.285	2.208	11.5	20.9
1 16	5 7.22	+19 24.9	1.337	2.195	16.2	21.1

486555 2013 HJ_{59} 12 16.2 313°.71 5°.9/14.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 1.44	+13 48.7	1.628	2.420	17.2	21.1
11 17	5 58.50	+12 32.1	1.530	2.399	14.1	20.8
11 27	5 52.66	+11 16.3	1.453	2.379	10.5	20.6
12 7	5 44.49	+10 5.8	1.400	2.359	7.1	20.3
12 17	5 34.94	+ 9 5.8	1.374	2.340	6.0	20.2
12 27	5 25.35	+ 8 21.1	1.374	2.321	8.5	20.3
1 6	5 17.05	+ 7 54.7	1.400	2.302	12.5	20.5
1 16	5 11.09	+ 7 47.0	1.447	2.285	16.3	20.7

231712 1998 WZ_{4} 12 16.2 45°.12 6°.2/18.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 14.68	+ 1 54.2	1.410	2.161	21.3	18.8
11 17	6 8.60	+ 3 0.5	1.358	2.195	17.5	18.6
11 27	5 59.24	+ 4 31.3	1.325	2.230	13.1	18.4
12 7	5 47.50	+ 6 25.7	1.316	2.265	8.8	18.3
12 17	5 34.72	+ 8 38.2	1.335	2.301	6.3	18.2
12 27	5 22.52	+11 0.5	1.385	2.336	7.9	18.4
1 6	5 12.31	+13 23.4	1.463	2.372	11.5	18.7
1 16	5 5.02	+15 40.0	1.568	2.408	15.1	19.0

128298 2003 XR_{38} 12 16.2 27°.00 2°.7/15.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.29	+24 48.0	1.598	2.386	17.7	19.3
11 17	6 4.26	+26 7.2	1.520	2.390	14.2	19.1
11 27	5 56.83	+27 30.6	1.463	2.395	9.9	18.9
12 7	5 46.61	+28 52.5	1.431	2.401	5.4	18.6
12 17	5 34.78	+30 6.3	1.426	2.406	2.8	18.5
12 27	5 22.94	+31 7.3	1.451	2.413	6.3	18.7
1 6	5 12.71	+31 54.0	1.502	2.419	10.7	19.0
1 16	5 5.34	+32 28.3	1.578	2.426	14.6	19.2

490986 2011 FN_{27} 12 16.2 339°.47 4°.0/16.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.42	+32 43.9	2.397	3.154	13.4	21.1
11 17	6 1.80	+33 48.3	2.306	3.153	10.8	20.9
11 27	5 54.60	+34 49.5	2.238	3.152	8.0	20.7
12 7	5 45.34	+35 43.2	2.197	3.152	5.3	20.5
12 17	5 34.89	+36 25.2	2.185	3.151	4.1	20.5
12 27	5 24.38	+36 53.3	2.203	3.151	5.7	20.6
1 6	5 14.97	+37 7.7	2.250	3.150	8.5	20.7
1 16	5 7.60	+37 10.9	2.323	3.150	11.3	20.9

265886 2006 AE_{29} 12 16.2 242°.09 4°.3/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.03	+37 1.2	2.424	3.172	13.5	20.5
11 17	6 2.20	+37 19.2	2.327	3.165	11.1	20.3
11 27	5 54.77	+37 28.7	2.251	3.159	8.3	20.1
12 7	5 45.36	+37 26.1	2.201	3.152	5.7	20.0
12 17	5 34.90	+37 8.9	2.180	3.145	4.3	19.9
12 27	5 24.56	+36 37.1	2.189	3.137	5.7	19.9
1 6	5 15.47	+35 53.4	2.226	3.130	8.4	20.1
1 16	5 8.52	+35 2.2	2.290	3.122	11.2	20.3

123114 2000 SO_{365} 12 16.2 40°.09 2°.8/16.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.98	+27 4.9	1.246	2.053	20.7	19.7
11 17	6 4.42	+27 48.5	1.193	2.074	16.4	19.4
11 27	5 56.97	+28 29.8	1.159	2.095	11.4	19.2
12 7	5 46.58	+29 3.9	1.147	2.118	6.1	19.0
12 17	5 34.80	+29 26.3	1.160	2.141	2.8	18.9
12 27	5 23.61	+29 35.7	1.200	2.165	6.7	19.2
1 6	5 14.70	+29 34.6	1.264	2.189	11.5	19.5
1 16	5 9.14	+29 27.3	1.351	2.214	15.7	19.8

19925 1979 QD_{3} 12 16.2 36°.71 3°.8/16.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.18	+16 0.9	1.186	1.998	21.3	18.6
11 17	6 2.16	+15 40.4	1.124	2.008	17.0	18.4
11 27	5 55.43	+15 26.8	1.081	2.018	12.0	18.1
12 7	5 45.87	+15 22.0	1.058	2.028	6.8	17.9
12 17	5 34.88	+15 26.8	1.061	2.040	3.8	17.7
12 27	5 24.29	+15 41.3	1.088	2.052	7.5	18.0
1 6	5 15.75	+16 4.9	1.140	2.064	12.5	18.3
1 16	5 10.36	+16 36.1	1.213	2.077	17.0	18.6

1020 Arcadia 12 16.2 228°.70 2°.1/16.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 3.42	+18 3.1	2.107	2.882	14.4	16.8
11 17	5 59.26	+17 46.2	2.016	2.879	11.5	16.6
11 27	5 52.72	+17 31.4	1.947	2.876	8.0	16.4
12 7	5 44.36	+17 19.3	1.904	2.873	4.3	16.2
12 17	5 35.02	+17 10.6	1.890	2.870	2.1	16.0
12 27	5 25.76	+17 6.0	1.905	2.866	5.1	16.2
1 6	5 17.62	+17 6.2	1.949	2.863	8.8	16.4
1 16	5 11.41	+17 11.6	2.018	2.859	12.2	16.6

328429 2008 SK_{299} 12 16.2 150°.08 2°.8/15.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 1.46	+13 42.0	2.952	3.706	11.2	21.8
11 17	5 56.85	+13 19.5	2.866	3.714	8.9	21.6
11 27	5 50.59	+13 0.5	2.804	3.722	6.4	21.5
12 7	5 43.16	+12 46.0	2.770	3.730	3.9	21.3
12 17	5 35.14	+12 37.0	2.766	3.737	2.8	21.3
12 27	5 27.23	+12 34.0	2.793	3.744	4.4	21.4
1 6	5 20.12	+12 37.3	2.850	3.750	6.9	21.6
1 16	5 14.33	+12 46.7	2.934	3.756	9.3	21.7

478546 2012 TU_{25} 12 16.2 76°.15 4°.1/16.5 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 10.59	+31 23.1	1.573	2.354	18.2	21.2
11 17	6 6.04	+32 7.2	1.504	2.368	14.7	21.0
11 27	5 57.92	+32 45.8	1.456	2.382	10.6	20.8
12 7	5 47.06	+33 13.6	1.432	2.396	6.4	20.6
12 17	5 34.81	+33 26.1	1.435	2.410	4.1	20.5
12 27	5 22.91	+33 22.3	1.465	2.423	6.7	20.7
1 6	5 12.98	+33 5.2	1.522	2.437	10.7	20.9
1 16	5 6.10	+32 40.1	1.602	2.451	14.4	21.2

22944 Sarahmarzen 12 16.2 207°.31 2°.3/16.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.69	+18 4.8	1.688	2.470	17.2	19.5
11 17	6 3.30	+17 51.3	1.600	2.467	13.7	19.3
11 27	5 55.88	+17 40.9	1.532	2.463	9.7	19.0
12 7	5 46.05	+17 34.1	1.489	2.459	5.2	18.7
12 17	5 34.89	+17 31.1	1.474	2.455	2.4	18.6
12 27	5 23.80	+17 32.5	1.488	2.450	6.0	18.8
1 6	5 14.16	+17 38.9	1.528	2.445	10.5	19.0
1 16	5 7.03	+17 50.9	1.593	2.440	14.6	19.3

101966 1999 RO_{43} 12 16.2 186°.90 2°.4/16.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 11.11	+29 8.5	1.703	2.478	17.3	19.6
11 17	6 6.25	+29 23.1	1.616	2.478	13.9	19.4
11 27	5 58.02	+29 32.9	1.550	2.478	9.8	19.2
12 7	5 47.13	+29 34.4	1.509	2.477	5.4	18.9
12 17	5 34.80	+29 24.9	1.495	2.476	2.4	18.7
12 27	5 22.63	+29 4.3	1.510	2.474	5.8	18.9
1 6	5 12.18	+28 35.7	1.553	2.471	10.3	19.2
1 16	5 4.55	+28 3.7	1.620	2.468	14.3	19.4

453108 2007 XN_{18} 12 16.2 4°.54 1°.3/15.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 14.58	+32 45.6	0.905	1.725	25.7	20.0
11 17	6 11.03	+30 27.4	0.835	1.724	20.7	19.7
11 27	6 2.16	+27 36.7	0.782	1.724	14.5	19.4
12 7	5 49.28	+24 16.0	0.750	1.725	7.1	19.0
12 17	5 34.64	+20 37.7	0.743	1.726	1.7	18.7
12 27	5 21.07	+17 4.0	0.762	1.728	9.0	19.1
1 6	5 10.80	+13 56.9	0.805	1.732	16.0	19.5
1 16	5 5.02	+11 29.3	0.868	1.736	21.8	19.8

188131 2002 CK_{149} 12 16.2 94°.05 0°.9/16.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 4.71	+25 31.5	2.123	2.897	14.3	20.8
11 17	6 0.34	+25 42.2	2.038	2.902	11.4	20.6
11 27	5 53.48	+25 51.2	1.977	2.907	7.9	20.4
12 7	5 44.73	+25 56.9	1.941	2.912	4.0	20.1
12 17	5 35.01	+25 57.9	1.934	2.917	0.9	19.9
12 27	5 25.44	+25 54.1	1.957	2.922	4.5	20.2
1 6	5 17.10	+25 46.9	2.008	2.927	8.3	20.4
1 16	5 10.82	+25 38.2	2.086	2.932	11.6	20.6

207226 2005 EX_{145} 12 16.2 328°.77 1°.5/16.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.50	+26 15.9	1.711	2.498	16.7	20.3
11 17	6 1.76	+26 35.3	1.624	2.494	13.4	20.1
11 27	5 54.92	+26 53.2	1.558	2.491	9.3	19.9
12 7	5 45.62	+27 6.8	1.516	2.488	4.8	19.6
12 17	5 34.93	+27 13.7	1.502	2.485	1.6	19.4
12 27	5 24.32	+27 13.2	1.516	2.482	5.5	19.6
1 6	5 15.22	+27 6.8	1.557	2.479	10.0	19.9
1 16	5 8.69	+26 57.4	1.622	2.477	14.0	20.1

79282 1995 SU_{32} 12 16.2 215°.76 5°.7/15.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	5 59.68	+ 5 14.5	2.561	3.308	12.9	20.1
11 17	5 55.76	+ 4 36.9	2.474	3.307	10.7	19.9
11 27	5 50.03	+ 4 7.8	2.410	3.306	8.4	19.8
12 7	5 42.95	+ 3 50.0	2.371	3.305	6.4	19.7
12 17	5 35.17	+ 3 45.5	2.361	3.304	5.7	19.6
12 27	5 27.46	+ 3 55.2	2.379	3.303	6.9	19.7
1 6	5 20.59	+ 4 18.4	2.425	3.302	9.0	19.8
1 16	5 15.15	+ 4 53.4	2.496	3.301	11.3	20.0

264851 2002 RG_{46} 12 16.2 118°.64 7°.2/16.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 0.97	− 2 18.5	2.814	3.524	12.6	20.6
11 17	5 56.45	− 2 59.8	2.743	3.539	10.8	20.5
11 27	5 50.31	− 3 29.0	2.695	3.553	9.0	20.4
12 7	5 43.02	− 3 43.1	2.672	3.567	7.6	20.3
12 17	5 35.17	− 3 40.3	2.677	3.581	7.2	20.3
12 27	5 27.48	− 3 19.9	2.709	3.595	7.9	20.4
1 6	5 20.61	− 2 43.5	2.768	3.608	9.3	20.5
1 16	5 15.08	− 1 53.6	2.852	3.620	11.0	20.7

363312 2002 NU_{67} 12 16.2 113°.10 6°.5/16.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 5.06	+ 5 5.3	2.094	2.842	15.3	21.9
11 17	6 0.22	+ 4 27.0	2.024	2.858	12.7	21.8
11 27	5 53.16	+ 3 59.6	1.976	2.874	9.9	21.6
12 7	5 44.49	+ 3 46.4	1.954	2.889	7.4	21.5
12 17	5 35.05	+ 3 49.3	1.958	2.904	6.5	21.5
12 27	5 25.86	+ 4 8.7	1.992	2.919	7.8	21.6
1 6	5 17.83	+ 4 43.0	2.053	2.933	10.2	21.8
1 16	5 11.67	+ 5 29.6	2.138	2.947	12.8	22.0

350893 2002 QG_{150} 12 16.2 52°.69 12°.7/19.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.42	−11 1.1	1.695	2.395	20.0	20.2
11 17	6 1.81	−11 31.3	1.637	2.410	17.8	20.1
11 27	5 54.49	−11 34.5	1.595	2.426	15.6	20.0
12 7	5 45.21	−11 4.7	1.573	2.441	13.7	19.9
12 17	5 35.01	− 9 59.3	1.575	2.457	12.7	19.9
12 27	5 25.13	− 8 20.1	1.601	2.473	13.1	20.0
1 6	5 16.73	− 6 13.8	1.651	2.490	14.6	20.1
1 16	5 10.63	− 3 49.4	1.725	2.506	16.5	20.3

341028 2007 GZ_{16} 12 16.2 95°.90 3°.8/16.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 11.45	+31 26.5	1.735	2.507	17.1	21.0
11 17	6 6.35	+32 7.8	1.665	2.523	13.8	20.8
11 27	5 57.95	+32 43.7	1.617	2.539	9.9	20.6
12 7	5 47.03	+33 9.2	1.593	2.555	5.9	20.4
12 17	5 34.86	+33 20.5	1.596	2.571	3.8	20.3
12 27	5 23.03	+33 16.7	1.629	2.586	6.2	20.5
1 6	5 13.01	+33 0.6	1.689	2.602	10.0	20.8
1 16	5 5.83	+32 36.8	1.773	2.616	13.5	21.0

297981 2002 LE 12 16.2 204°.61 4°.0/15.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 9.93	+15 41.4	1.408	2.197	19.6	20.9
11 17	6 5.65	+15 12.4	1.325	2.194	15.9	20.7
11 27	5 57.82	+14 48.4	1.261	2.191	11.4	20.4
12 7	5 47.14	+14 31.3	1.220	2.187	6.6	20.1
12 17	5 34.84	+14 22.8	1.205	2.182	4.1	20.0
12 27	5 22.62	+14 24.1	1.217	2.177	7.6	20.2
1 6	5 12.15	+14 35.8	1.256	2.171	12.5	20.4
1 16	5 4.66	+14 57.3	1.316	2.165	17.0	20.7

435562 2008 RX_{27} 12 16.2 61°.88 1°.8/16.5 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 11.54	+14 50.6	1.431	2.214	19.6	20.6
11 17	6 6.48	+15 43.3	1.373	2.240	15.6	20.4
11 27	5 58.04	+16 47.2	1.334	2.265	10.8	20.2
12 7	5 47.07	+17 59.3	1.321	2.291	5.6	20.0
12 17	5 34.87	+19 15.2	1.335	2.317	1.8	19.8
12 27	5 23.08	+20 30.1	1.377	2.343	5.9	20.1
1 6	5 13.21	+21 40.7	1.448	2.369	10.7	20.4
1 16	5 6.25	+22 45.9	1.542	2.394	14.7	20.8

367649 2009 WF_{81} 12 16.2 103°.58 2°.2/16.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 9.17	+33 42.6	2.474	3.222	13.2	20.6
11 17	6 3.33	+33 10.2	2.387	3.232	10.6	20.4
11 27	5 55.19	+32 28.3	2.324	3.242	7.6	20.2
12 7	5 45.44	+31 35.7	2.288	3.252	4.3	20.0
12 17	5 35.01	+30 32.7	2.283	3.262	2.2	19.9
12 27	5 24.98	+29 21.7	2.310	3.271	4.3	20.1
1 6	5 16.29	+28 7.0	2.367	3.281	7.5	20.3
1 16	5 9.62	+26 53.1	2.452	3.290	10.4	20.5

488958 2005 UK_{222} 12 16.2 53°.92 2°.3/15.9 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.74	+20 31.8	1.394	2.194	19.3	21.7
11 17	6 2.84	+19 52.4	1.328	2.206	15.3	21.5
11 27	5 55.59	+19 12.8	1.283	2.219	10.6	21.2
12 7	5 45.86	+18 34.4	1.261	2.233	5.5	21.0
12 17	5 34.98	+17 59.1	1.265	2.246	2.4	20.8
12 27	5 24.55	+17 29.5	1.296	2.260	6.5	21.1
1 6	5 16.01	+17 8.2	1.353	2.274	11.2	21.4
1 16	5 10.32	+16 56.4	1.433	2.289	15.4	21.7

296735 2009 TT_{17} 12 16.2 62°.17 2°.1/16.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 3.40	+15 57.1	2.103	2.876	14.5	19.9
11 17	5 59.18	+16 8.2	2.023	2.884	11.5	19.7
11 27	5 52.63	+16 24.8	1.965	2.893	8.1	19.5
12 7	5 44.32	+16 46.7	1.932	2.901	4.4	19.3
12 17	5 35.10	+17 13.2	1.929	2.909	2.1	19.2
12 27	5 26.01	+17 43.3	1.956	2.918	4.9	19.4
1 6	5 18.04	+18 16.2	2.011	2.926	8.5	19.6
1 16	5 11.98	+18 51.2	2.092	2.935	11.7	19.9

129136 2005 AM_{22} 12 16.2 212°.71 3°.4/16.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.72	+34 11.4	2.418	3.174	13.3	19.7
11 17	6 1.07	+34 26.8	2.325	3.172	10.8	19.5
11 27	5 53.95	+34 35.1	2.255	3.170	7.9	19.3
12 7	5 44.99	+34 33.7	2.211	3.169	5.0	19.1
12 17	5 35.05	+34 20.3	2.195	3.167	3.4	19.0
12 27	5 25.24	+33 55.3	2.210	3.165	5.1	19.1
1 6	5 16.64	+33 20.8	2.253	3.163	8.0	19.3
1 16	5 10.06	+32 40.6	2.323	3.161	10.9	19.5

374679 2006 QF_{43} 12 16.3 34°.30 5°.3/16.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 4.46	+12 56.9	1.133	1.947	22.0	20.2
11 17	6 1.65	+12 30.7	1.076	1.958	17.7	19.9
11 27	5 55.12	+12 15.4	1.036	1.970	12.8	19.7
12 7	5 45.76	+12 13.8	1.017	1.983	7.8	19.5
12 17	5 35.00	+12 27.3	1.022	1.997	5.4	19.4
12 27	5 24.68	+12 55.6	1.052	2.012	8.4	19.6
1 6	5 16.43	+13 36.2	1.105	2.027	13.1	19.9
1 16	5 11.35	+14 25.9	1.179	2.043	17.4	20.2

247255 2001 RT_{82} 12 16.3 29°.33 5°.5/15.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 1.84	+13 6.4	1.424	2.225	18.9	19.8
11 17	5 58.74	+12 11.4	1.366	2.240	15.2	19.6
11 27	5 52.65	+11 23.4	1.327	2.256	11.1	19.4
12 7	5 44.38	+10 46.3	1.311	2.272	7.2	19.2
12 17	5 35.12	+10 23.3	1.321	2.290	5.5	19.2
12 27	5 26.27	+10 16.1	1.356	2.309	7.9	19.3
1 6	5 19.07	+10 24.4	1.417	2.328	11.7	19.6
1 16	5 14.39	+10 46.3	1.500	2.348	15.3	19.9

438756 2008 UG_{75} 12 16.3 188°.32 0°.1/16.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.62	+24 34.7	1.968	2.741	15.3	21.5
11 17	6 2.84	+24 20.1	1.877	2.741	12.2	21.3
11 27	5 55.31	+24 2.7	1.809	2.740	8.4	21.1
12 7	5 45.71	+23 41.6	1.767	2.739	4.2	20.8
12 17	5 35.01	+23 16.7	1.753	2.737	0.3	20.5
12 27	5 24.46	+22 49.3	1.770	2.735	4.8	20.8
1 6	5 15.28	+22 21.7	1.815	2.733	9.0	21.1
1 16	5 8.37	+21 56.6	1.885	2.730	12.7	21.3

417368 2006 GL_{27} 12 16.3 240°.13 1°.5/16.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 3.70	+27 11.0	2.528	3.293	12.5	21.4
11 17	5 59.31	+27 32.2	2.429	3.287	10.0	21.3
11 27	5 52.70	+27 51.6	2.353	3.280	7.0	21.1
12 7	5 44.39	+28 7.2	2.305	3.273	3.7	20.8
12 17	5 35.12	+28 17.2	2.285	3.267	1.5	20.7
12 27	5 25.86	+28 21.1	2.297	3.260	4.2	20.8
1 6	5 17.56	+28 19.7	2.337	3.253	7.5	21.0
1 16	5 11.01	+28 14.6	2.405	3.245	10.5	21.2

339113 2004 RZ_{223} 12 16.3 74°.67 1°.0/16.4 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 10.21	+25 52.4	1.583	2.367	18.0	21.4
11 17	6 5.24	+25 57.3	1.522	2.390	14.2	21.2
11 27	5 57.06	+25 59.3	1.481	2.414	9.8	21.0
12 7	5 46.54	+25 56.3	1.465	2.437	4.9	20.8
12 17	5 34.98	+25 46.9	1.476	2.459	1.0	20.6
12 27	5 23.94	+25 31.9	1.516	2.482	5.4	20.9
1 6	5 14.78	+25 13.9	1.583	2.505	9.9	21.2
1 16	5 8.40	+24 56.0	1.674	2.527	13.7	21.5

298508 2003 WU 12 16.3 48°.55 0°.4/16.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.06	+23 32.9	1.574	2.367	17.7	20.5
11 17	6 2.17	+23 46.5	1.504	2.378	14.0	20.3
11 27	5 55.12	+24 0.1	1.455	2.390	9.7	20.0
12 7	5 45.68	+24 12.0	1.430	2.403	4.8	19.8
12 17	5 35.04	+24 20.2	1.432	2.416	0.6	19.5
12 27	5 24.71	+24 24.4	1.461	2.429	5.4	19.9
1 6	5 16.06	+24 25.9	1.518	2.442	10.0	20.2
1 16	5 10.08	+24 26.6	1.598	2.455	14.0	20.5

317178 2001 XX_{132} 12 16.3 26°.99 1°.0/16.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 3.56	+19 48.8	1.737	2.526	16.4	20.6
11 17	5 59.91	+19 59.2	1.659	2.531	13.1	20.4
11 27	5 53.46	+20 12.9	1.603	2.537	9.0	20.2
12 7	5 44.86	+20 29.0	1.571	2.543	4.5	19.9
12 17	5 35.11	+20 46.5	1.567	2.550	1.1	19.7
12 27	5 25.53	+21 4.5	1.591	2.557	5.2	20.0
1 6	5 17.35	+21 23.0	1.642	2.564	9.5	20.2
1 16	5 11.50	+21 42.4	1.718	2.572	13.3	20.5

245234 2004 XM_{126} 12 16.3 27°.25 0°.5/16.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.81	+28 34.9	1.513	2.304	18.4	19.7
11 17	6 3.70	+27 47.3	1.436	2.308	14.7	19.4
11 27	5 56.20	+26 50.1	1.379	2.313	10.2	19.2
12 7	5 46.20	+25 42.9	1.346	2.318	5.1	18.9
12 17	5 35.02	+24 27.7	1.340	2.324	0.6	18.6
12 27	5 24.30	+23 9.1	1.363	2.330	5.7	19.0
1 6	5 15.49	+21 53.3	1.413	2.337	10.6	19.3
1 16	5 9.55	+20 46.0	1.486	2.344	14.8	19.5

468911 2014 RV_{11} 12 16.3 302°.65 22°.0/12.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 3.91	−15 25.5	1.203	1.926	25.7	20.9
11 17	6 1.29	−18 22.6	1.152	1.919	24.2	20.8
11 27	5 55.03	−20 49.4	1.114	1.913	22.9	20.6
12 7	5 45.85	−22 30.5	1.092	1.907	22.1	20.6
12 17	5 35.04	−23 14.0	1.086	1.901	22.1	20.5
12 27	5 24.32	−22 54.5	1.095	1.896	22.8	20.6
1 6	5 15.40	−21 36.3	1.118	1.890	24.2	20.7
1 16	5 9.53	−19 29.6	1.155	1.885	25.8	20.8

154010 2002 BZ_{18} 12 16.3 339°.00 4°.1/16.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 2.25	+30 37.5	1.555	2.353	17.7	19.8
11 17	5 59.88	+31 21.7	1.465	2.339	14.4	19.6
11 27	5 54.08	+32 2.6	1.395	2.325	10.4	19.3
12 7	5 45.43	+32 35.4	1.347	2.313	6.3	19.1
12 17	5 35.07	+32 55.4	1.326	2.302	4.1	18.9
12 27	5 24.62	+33 0.3	1.331	2.292	6.9	19.0
1 6	5 15.78	+32 51.6	1.361	2.283	11.2	19.3
1 16	5 9.82	+32 33.5	1.414	2.275	15.3	19.5

162319 1999 XS_{26} 12 16.3 11°.52 1°.5/16.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 0.29	+22 5.9	1.183	2.008	20.6	19.1
11 17	5 58.49	+21 39.4	1.120	2.012	16.3	18.8
11 27	5 53.04	+21 11.8	1.074	2.017	11.3	18.6
12 7	5 44.79	+20 44.0	1.050	2.024	5.7	18.3
12 17	5 35.14	+20 17.2	1.050	2.033	1.5	18.0
12 27	5 25.87	+19 53.9	1.075	2.043	6.6	18.4
1 6	5 18.59	+19 36.5	1.123	2.055	11.9	18.7
1 16	5 14.38	+19 26.8	1.193	2.067	16.5	19.0

359814 2011 UA_{267} 12 16.3 69°.52 3°.4/16.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.65	+12 43.1	1.788	2.563	16.6	20.5
11 17	6 1.33	+12 53.8	1.712	2.573	13.3	20.3
11 27	5 54.32	+13 13.8	1.658	2.583	9.5	20.1
12 7	5 45.25	+13 43.4	1.628	2.593	5.6	19.9
12 17	5 35.11	+14 21.8	1.626	2.603	3.4	19.8
12 27	5 25.14	+15 7.5	1.654	2.613	6.0	19.9
1 6	5 16.52	+15 58.3	1.709	2.623	9.8	20.2
1 16	5 10.13	+16 52.2	1.789	2.633	13.4	20.4

275089 2009 VU_{8} 12 16.3 97°.05 1°.3/16.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 4.54	+27 0.7	2.275	3.045	13.6	21.4
11 17	6 0.06	+27 9.8	2.191	3.052	10.8	21.2
11 27	5 53.22	+27 16.1	2.131	3.059	7.5	21.0
12 7	5 44.64	+27 17.8	2.096	3.066	3.9	20.8
12 17	5 35.17	+27 14.0	2.091	3.073	1.3	20.6
12 27	5 25.86	+27 4.6	2.116	3.080	4.3	20.9
1 6	5 17.73	+26 51.1	2.170	3.087	7.8	21.1
1 16	5 11.54	+26 35.8	2.250	3.094	11.0	21.3

42149 2001 BQ_{48} 12 16.3 354°.71 4°.4/15.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 1.33	+13 11.8	2.006	2.783	15.0	19.6
11 17	5 57.67	+12 27.1	1.921	2.782	12.1	19.4
11 27	5 51.66	+11 46.8	1.858	2.781	8.8	19.2
12 7	5 43.90	+11 13.4	1.820	2.780	5.7	19.0
12 17	5 35.22	+10 49.4	1.811	2.779	4.4	18.9
12 27	5 26.67	+10 36.5	1.829	2.779	6.5	19.0
1 6	5 19.24	+10 35.3	1.875	2.779	9.7	19.2
1 16	5 13.71	+10 45.3	1.945	2.779	12.9	19.4

409814 2006 JP_{14} 12 16.3 332°.88 5°.0/16.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.14	+32 54.3	1.923	2.697	15.6	20.3
11 17	6 1.64	+34 5.8	1.829	2.686	12.8	20.1
11 27	5 55.03	+35 14.8	1.757	2.676	9.5	19.9
12 7	5 45.84	+36 15.6	1.710	2.666	6.4	19.7
12 17	5 35.05	+37 2.6	1.690	2.656	5.0	19.6
12 27	5 24.10	+37 32.2	1.698	2.647	7.0	19.7
1 6	5 14.46	+37 44.8	1.734	2.639	10.3	19.9
1 16	5 7.35	+37 43.7	1.793	2.631	13.6	20.1

274738 2008 UJ_{206} 12 16.3 69°.86 1°.9/16.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 2.03	+16 54.5	2.331	3.102	13.3	20.7
11 17	5 57.90	+16 55.4	2.247	3.107	10.6	20.5
11 27	5 51.66	+16 59.9	2.185	3.113	7.4	20.3
12 7	5 43.85	+17 8.3	2.150	3.119	4.0	20.1
12 17	5 35.23	+17 20.4	2.145	3.125	1.9	20.0
12 27	5 26.72	+17 35.9	2.169	3.131	4.5	20.2
1 6	5 19.21	+17 54.7	2.222	3.137	7.8	20.4
1 16	5 13.39	+18 16.4	2.302	3.143	10.9	20.6

113889 2002 TL_{267} 12 16.3 100°.17 5°.1/16.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 13.16	+35 31.7	2.149	2.896	15.0	19.4
11 17	6 7.28	+36 37.9	2.081	2.919	12.2	19.3
11 27	5 58.41	+37 37.5	2.035	2.941	9.2	19.1
12 7	5 47.27	+38 24.7	2.015	2.963	6.3	19.0
12 17	5 34.97	+38 54.9	2.024	2.984	5.1	18.9
12 27	5 22.91	+39 6.5	2.063	3.004	6.5	19.1
1 6	5 12.42	+39 1.6	2.130	3.025	9.2	19.3
1 16	5 4.46	+38 44.8	2.223	3.044	11.9	19.5

508892 2003 TY_{35} 12 16.3 35°.72 2°.0/16.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.46	+27 57.9	1.145	1.959	21.7	21.3
11 17	6 4.47	+28 1.0	1.084	1.969	17.3	21.1
11 27	5 57.31	+27 58.4	1.041	1.981	12.1	20.8
12 7	5 46.93	+27 46.9	1.020	1.993	6.3	20.5
12 17	5 35.00	+27 24.6	1.023	2.005	2.0	20.3
12 27	5 23.63	+26 53.1	1.051	2.019	6.8	20.6
1 6	5 14.68	+26 17.3	1.103	2.033	12.2	21.0
1 16	5 9.31	+25 42.6	1.176	2.047	16.9	21.3

439938 2001 SM_{38} 12 16.3 57°.68 5°.4/16.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 10.40	+35 14.5	1.734	2.503	17.3	21.0
11 17	6 5.64	+36 7.7	1.673	2.525	14.0	20.8
11 27	5 57.52	+36 52.6	1.633	2.548	10.4	20.7
12 7	5 46.87	+37 23.3	1.617	2.570	7.0	20.5
12 17	5 35.02	+37 35.5	1.628	2.593	5.4	20.5
12 27	5 23.60	+37 28.4	1.667	2.616	7.1	20.6
1 6	5 14.08	+37 5.6	1.732	2.638	10.2	20.9
1 16	5 7.46	+36 32.5	1.822	2.661	13.4	21.1

10059 1988 FS_{2} 12 16.3 245°.54 1°.5/16.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.21	+26 46.1	1.835	2.612	16.2	18.2
11 17	6 3.86	+27 0.4	1.737	2.601	13.0	17.9
11 27	5 56.41	+27 12.4	1.660	2.590	9.1	17.7
12 7	5 46.47	+27 19.5	1.608	2.578	4.8	17.4
12 17	5 35.06	+27 19.3	1.583	2.566	1.6	17.1
12 27	5 23.62	+27 11.3	1.588	2.554	5.4	17.4
1 6	5 13.56	+26 57.2	1.621	2.541	9.8	17.6
1 16	5 6.02	+26 40.3	1.679	2.528	13.9	17.8

481944 2009 CM_{28} 12 16.3 269°.26 6°.8/17.0 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 11.50	+40 36.3	1.991	2.737	16.1	21.6
11 17	6 6.88	+41 18.0	1.888	2.719	13.6	21.3
11 27	5 58.75	+41 49.5	1.804	2.701	10.7	21.1
12 7	5 47.72	+42 4.0	1.745	2.683	8.0	20.9
12 17	5 34.96	+41 56.3	1.712	2.664	6.8	20.8
12 27	5 22.16	+41 24.3	1.708	2.644	8.1	20.8
1 6	5 10.98	+40 31.5	1.730	2.625	10.9	21.0
1 16	5 2.72	+39 24.6	1.776	2.605	14.1	21.1

451330 2010 VP_{92} 12 16.3 240°.86 5°.7/16.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 9.72	+37 8.8	2.210	2.959	14.6	21.9
11 17	6 4.95	+38 14.6	2.115	2.952	12.1	21.7
11 27	5 57.14	+39 14.7	2.041	2.944	9.3	21.5
12 7	5 46.84	+40 3.1	1.994	2.936	6.8	21.3
12 17	5 35.04	+40 34.7	1.974	2.928	5.7	21.3
12 27	5 23.13	+40 46.8	1.983	2.920	7.1	21.3
1 6	5 12.53	+40 40.6	2.020	2.912	9.8	21.5
1 16	5 4.37	+40 20.4	2.082	2.903	12.6	21.7

363230 2001 WX_{101} 12 16.3 53°.12 1°.9/16.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.10	+26 26.3	1.910	2.688	15.6	20.9
11 17	6 1.89	+27 4.0	1.828	2.693	12.4	20.7
11 27	5 54.85	+27 41.0	1.769	2.699	8.7	20.5
12 7	5 45.60	+28 14.1	1.734	2.704	4.6	20.3
12 17	5 35.15	+28 40.2	1.728	2.710	2.0	20.1
12 27	5 24.82	+28 57.8	1.752	2.715	5.1	20.3
1 6	5 15.85	+29 7.6	1.803	2.721	9.1	20.6
1 16	5 9.22	+29 11.7	1.879	2.727	12.6	20.8

142355 2002 RT_{218} 12 16.3 164°.64 6°.6/15.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 3.26	+ 6 36.7	1.953	2.714	15.8	20.0
11 17	5 59.21	+ 5 53.1	1.871	2.715	13.1	19.8
11 27	5 52.76	+ 5 19.5	1.811	2.716	10.2	19.6
12 7	5 44.49	+ 4 59.3	1.775	2.716	7.6	19.5
12 17	5 35.25	+ 4 55.2	1.766	2.717	6.6	19.4
12 27	5 26.13	+ 5 8.5	1.784	2.718	8.1	19.5
1 6	5 18.15	+ 5 38.0	1.830	2.718	10.9	19.7
1 16	5 12.13	+ 6 21.2	1.899	2.718	13.8	19.9

412377 2013 OD_{11} 12 16.3 79°.96 4°.9/15.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 1.67	+11 1.4	2.323	3.085	13.6	20.9
11 17	5 57.47	+10 1.6	2.244	3.093	11.0	20.7
11 27	5 51.29	+ 9 6.6	2.188	3.101	8.2	20.5
12 7	5 43.66	+ 8 19.2	2.159	3.109	5.8	20.4
12 17	5 35.34	+ 7 42.2	2.158	3.117	4.9	20.4
12 27	5 27.19	+ 7 17.7	2.187	3.125	6.5	20.5
1 6	5 20.05	+ 7 6.3	2.244	3.133	9.1	20.6
1 16	5 14.56	+ 7 7.5	2.325	3.141	11.7	20.8

489858 2008 FA_{128} 12 16.3 347°.07 4°.1/16.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.77	+30 41.0	1.747	2.530	16.6	21.4
11 17	6 2.23	+31 37.8	1.661	2.526	13.5	21.2
11 27	5 55.46	+32 32.2	1.596	2.522	9.8	21.0
12 7	5 46.07	+33 18.9	1.556	2.519	6.0	20.7
12 17	5 35.13	+33 53.1	1.542	2.516	4.1	20.6
12 27	5 24.18	+34 12.0	1.557	2.514	6.5	20.8
1 6	5 14.74	+34 16.6	1.598	2.512	10.4	21.0
1 16	5 7.97	+34 10.5	1.663	2.511	14.0	21.2

289740 2005 JA_{37} 12 16.3 120°.75 3°.9/16.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.70	+10 33.1	2.078	2.838	15.1	20.8
11 17	6 0.98	+10 37.5	1.997	2.846	12.2	20.6
11 27	5 53.89	+10 51.2	1.938	2.855	8.9	20.4
12 7	5 45.03	+11 14.9	1.905	2.863	5.6	20.2
12 17	5 35.23	+11 48.6	1.900	2.871	3.9	20.1
12 27	5 25.56	+12 31.1	1.926	2.879	5.9	20.3
1 6	5 17.02	+13 20.7	1.980	2.887	9.1	20.5
1 16	5 10.42	+14 15.2	2.061	2.894	12.3	20.7

513445 2008 VE_{61} 12 16.3 182°.18 1°.3/16.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 8.76	+25 17.8	1.964	2.735	15.4	21.6
11 17	6 3.94	+25 45.4	1.874	2.735	12.3	21.4
11 27	5 56.25	+26 12.7	1.807	2.736	8.6	21.2
12 7	5 46.32	+26 37.0	1.765	2.736	4.4	20.9
12 17	5 35.13	+26 55.6	1.752	2.735	1.3	20.7
12 27	5 23.99	+27 7.4	1.769	2.734	5.0	20.9
1 6	5 14.19	+27 13.0	1.815	2.733	9.1	21.2
1 16	5 6.72	+27 14.7	1.886	2.731	12.8	21.4

267941 2004 EN_{22} 12 16.3 178°.46 3°.7/16.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 11.30	+31 47.9	1.746	2.517	17.1	21.0
11 17	6 6.49	+32 16.3	1.661	2.519	13.8	20.8
11 27	5 58.28	+32 38.8	1.597	2.519	10.0	20.6
12 7	5 47.39	+32 50.7	1.557	2.520	6.0	20.3
12 17	5 35.04	+32 48.5	1.544	2.520	3.7	20.2
12 27	5 22.85	+32 31.4	1.560	2.519	6.3	20.4
1 6	5 12.39	+32 2.5	1.604	2.519	10.3	20.6
1 16	5 4.78	+31 26.9	1.672	2.518	14.1	20.8

208797 2002 QL_{72} 12 16.3 177°.85 2°.0/16.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.72	+17 45.5	2.200	2.967	14.1	22.4
11 17	6 0.98	+17 34.0	2.110	2.969	11.2	22.2
11 27	5 53.89	+17 25.1	2.043	2.970	7.9	22.0
12 7	5 45.04	+17 19.1	2.002	2.971	4.2	21.8
12 17	5 35.25	+17 16.3	1.990	2.971	2.0	21.6
12 27	5 25.55	+17 17.0	2.009	2.970	4.9	21.8
1 6	5 16.96	+17 21.8	2.057	2.970	8.5	22.0
1 16	5 10.25	+17 31.0	2.131	2.969	11.8	22.2

458549 2011 EV_{17} 12 16.3 290°.96 4°.5/16.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.13	+34 17.3	2.229	2.990	14.1	20.8
11 17	6 1.93	+35 7.6	2.132	2.980	11.6	20.6
11 27	5 54.94	+35 53.0	2.056	2.970	8.6	20.4
12 7	5 45.73	+36 29.3	2.006	2.960	5.8	20.2
12 17	5 35.18	+36 52.1	1.984	2.950	4.5	20.1
12 27	5 24.56	+36 59.8	1.992	2.940	6.1	20.2
1 6	5 15.14	+36 53.3	2.027	2.930	9.1	20.4
1 16	5 7.94	+36 36.2	2.087	2.921	12.1	20.6

35206 1994 PO_{27} 12 16.3 51°.06 0°.8/16.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 4.55	+24 54.8	1.959	2.739	15.2	18.9
11 17	6 0.45	+25 8.3	1.881	2.747	12.0	18.7
11 27	5 53.71	+25 20.7	1.824	2.756	8.3	18.5
12 7	5 44.99	+25 30.2	1.792	2.764	4.2	18.3
12 17	5 35.25	+25 35.4	1.789	2.773	0.9	18.0
12 27	5 25.70	+25 36.0	1.816	2.782	4.7	18.3
1 6	5 17.47	+25 33.2	1.870	2.791	8.7	18.6
1 16	5 11.43	+25 28.9	1.950	2.800	12.2	18.8

336113 2008 JC_{38} 12 16.3 112°.96 0°.9/16.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 10.11	+21 1.0	1.774	2.549	16.7	21.5
11 17	6 4.86	+20 59.4	1.703	2.567	13.2	21.3
11 27	5 56.72	+20 59.0	1.654	2.584	9.1	21.1
12 7	5 46.45	+20 58.8	1.629	2.601	4.5	20.8
12 17	5 35.15	+20 58.3	1.634	2.617	1.0	20.6
12 27	5 24.18	+20 57.5	1.668	2.633	5.2	20.9
1 6	5 14.80	+20 57.7	1.730	2.648	9.4	21.2
1 16	5 7.88	+21 0.0	1.817	2.662	13.1	21.5

251761 1999 FN_{6} 12 16.3 269°.27 6°.7/15.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 2.25	+ 7 7.3	2.101	2.860	14.9	20.6
11 17	5 58.38	+ 6 3.1	2.005	2.847	12.5	20.4
11 27	5 52.22	+ 5 5.6	1.930	2.833	9.8	20.2
12 7	5 44.27	+ 4 19.1	1.880	2.819	7.5	20.1
12 17	5 35.31	+ 3 47.4	1.858	2.805	6.8	20.0
12 27	5 26.34	+ 3 33.1	1.864	2.791	8.3	20.1
1 6	5 18.36	+ 3 36.8	1.896	2.776	11.0	20.2
1 16	5 12.18	+ 3 57.0	1.952	2.762	13.8	20.4

48534 1993 QM_{4} 12 16.3 358°.68 1°.2/16.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.10	+25 59.4	1.724	2.511	16.6	18.7
11 17	6 1.40	+26 10.8	1.640	2.511	13.3	18.4
11 27	5 54.68	+26 20.2	1.577	2.510	9.2	18.2
12 7	5 45.59	+26 25.4	1.538	2.510	4.7	17.9
12 17	5 35.21	+26 24.5	1.527	2.510	1.2	17.7
12 27	5 24.96	+26 17.5	1.543	2.510	5.3	18.0
1 6	5 16.21	+26 6.1	1.587	2.510	9.7	18.2
1 16	5 9.98	+25 53.0	1.656	2.511	13.7	18.5

450071 2015 RZ_{48} 12 16.3 147°.17 3°.1/15.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.94	+15 23.6	2.166	2.931	14.4	22.1
11 17	6 1.05	+14 54.9	2.084	2.940	11.5	21.9
11 27	5 53.87	+14 29.7	2.024	2.948	8.2	21.7
12 7	5 44.99	+14 9.2	1.991	2.955	4.8	21.6
12 17	5 35.27	+13 54.6	1.987	2.962	3.1	21.5
12 27	5 25.73	+13 47.1	2.013	2.969	5.5	21.6
1 6	5 17.34	+13 47.0	2.068	2.975	8.8	21.8
1 16	5 10.84	+13 54.5	2.149	2.980	11.9	22.1

396308 2014 DM_{30} 12 16.3 167°.83 2°.6/16.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 6.96	+16 36.5	1.998	2.767	15.3	21.8
11 17	6 2.17	+16 22.1	1.912	2.771	12.2	21.6
11 27	5 54.82	+16 11.3	1.848	2.774	8.6	21.3
12 7	5 45.54	+16 4.7	1.810	2.777	4.8	21.1
12 17	5 35.22	+16 2.9	1.800	2.779	2.6	21.0
12 27	5 25.04	+16 6.4	1.821	2.781	5.4	21.2
1 6	5 16.10	+16 15.3	1.870	2.782	9.2	21.4
1 16	5 9.24	+16 29.7	1.944	2.783	12.7	21.6

510545 2012 JC_{52} 12 16.3 252°.53 1°.6/16.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.87	+21 20.7	1.506	2.298	18.4	22.2
11 17	6 4.00	+20 55.7	1.416	2.290	14.8	22.0
11 27	5 56.73	+20 29.6	1.346	2.281	10.3	21.7
12 7	5 46.71	+20 2.9	1.300	2.273	5.3	21.4
12 17	5 35.13	+19 36.1	1.281	2.264	1.7	21.1
12 27	5 23.60	+19 11.3	1.289	2.254	6.3	21.4
1 6	5 13.71	+18 51.0	1.324	2.245	11.4	21.7
1 16	5 6.66	+18 37.5	1.381	2.236	15.9	21.9

74594 1999 PN_{6} 12 16.3 53°.25 0°.3/16.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 9.71	+24 29.9	1.194	2.002	21.4	19.0
11 17	6 5.77	+24 25.2	1.141	2.023	16.9	18.8
11 27	5 57.90	+24 18.5	1.106	2.044	11.6	18.6
12 7	5 47.15	+24 8.0	1.092	2.066	5.7	18.3
12 17	5 35.12	+23 52.9	1.104	2.088	0.5	18.0
12 27	5 23.78	+23 34.4	1.143	2.111	6.3	18.5
1 6	5 14.80	+23 15.8	1.206	2.134	11.6	18.9
1 16	5 9.18	+23 0.3	1.291	2.157	16.1	19.2

294100 2007 TR_{226} 12 16.3 146°.14 0°.6/16.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.13	+21 44.7	2.133	2.902	14.4	21.9
11 17	6 2.16	+21 44.0	2.049	2.910	11.4	21.7
11 27	5 54.74	+21 43.7	1.988	2.918	7.9	21.5
12 7	5 45.47	+21 42.9	1.953	2.925	3.9	21.2
12 17	5 35.25	+21 41.2	1.948	2.932	0.6	21.0
12 27	5 25.21	+21 38.7	1.973	2.938	4.5	21.3
1 6	5 16.39	+21 36.3	2.027	2.944	8.3	21.6
1 16	5 9.61	+21 35.4	2.107	2.949	11.7	21.8

376110 2010 WL_{70} 12 16.3 295°.66 1°.2/16.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.07	+25 10.6	1.362	2.164	19.5	21.2
11 17	6 4.00	+25 24.3	1.274	2.153	15.7	21.0
11 27	5 57.12	+25 37.3	1.205	2.143	11.0	20.6
12 7	5 47.07	+25 46.6	1.159	2.132	5.6	20.3
12 17	5 35.11	+25 49.6	1.138	2.122	1.2	20.0
12 27	5 23.10	+25 45.3	1.144	2.111	6.4	20.3
1 6	5 12.91	+25 35.7	1.174	2.101	12.0	20.6
1 16	5 5.94	+25 24.6	1.227	2.091	16.9	20.8

267834 2003 UC_{135} 12 16.3 59°.50 0°.8/16.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 4.50	+25 28.2	2.089	2.865	14.5	20.8
11 17	6 0.13	+25 33.8	2.017	2.881	11.4	20.6
11 27	5 53.32	+25 37.5	1.967	2.898	7.9	20.4
12 7	5 44.74	+25 37.6	1.943	2.915	3.9	20.2
12 17	5 35.32	+25 33.4	1.948	2.931	0.8	20.0
12 27	5 26.15	+25 25.2	1.982	2.948	4.4	20.3
1 6	5 18.29	+25 14.4	2.045	2.965	8.1	20.6
1 16	5 12.47	+25 3.0	2.134	2.982	11.3	20.8

409495 2005 SV_{177} 12 16.3 185°.47 0°.0/16.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.14	+24 5.4	2.306	3.074	13.5	22.0
11 17	6 0.51	+23 57.4	2.213	3.074	10.7	21.8
11 27	5 53.57	+23 47.6	2.144	3.073	7.4	21.6
12 7	5 44.90	+23 35.4	2.101	3.073	3.7	21.4
12 17	5 35.31	+23 20.3	2.088	3.072	0.3	21.1
12 27	5 25.83	+23 3.1	2.105	3.071	4.2	21.4
1 6	5 17.47	+22 45.3	2.152	3.069	7.9	21.7
1 16	5 10.98	+22 28.9	2.225	3.067	11.2	21.9

102068 1999 RC_{139} 12 16.3 39°.64 4°.5/15.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.47	+16 13.7	1.159	1.973	21.6	18.6
11 17	6 2.40	+15 30.5	1.102	1.986	17.2	18.4
11 27	5 55.62	+14 52.9	1.063	2.000	12.2	18.2
12 7	5 46.08	+14 23.7	1.046	2.015	7.1	17.9
12 17	5 35.22	+14 5.5	1.053	2.030	4.5	17.8
12 27	5 24.87	+14 0.0	1.085	2.046	7.9	18.1
1 6	5 16.64	+14 7.6	1.141	2.063	12.8	18.4
1 16	5 11.54	+14 26.8	1.218	2.080	17.1	18.7

329570 2002 VK_{75} 12 16.3 60°.07 1°.8/16.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 12.53	+24 5.6	1.296	2.092	20.7	20.5
11 17	6 7.83	+24 58.2	1.244	2.119	16.3	20.3
11 27	5 59.28	+25 52.2	1.211	2.146	11.2	20.1
12 7	5 47.86	+26 42.4	1.201	2.173	5.7	19.8
12 17	5 35.09	+27 23.8	1.218	2.200	1.9	19.7
12 27	5 22.92	+27 53.8	1.262	2.228	6.3	20.0
1 6	5 13.01	+28 13.4	1.332	2.255	11.2	20.4
1 16	5 6.45	+28 25.9	1.425	2.282	15.4	20.7

32270 Inokuchihiroo 12 16.3 182°.74 1°.6/16.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 6.52	+28 42.4	2.318	3.081	13.6	19.0
11 17	6 1.68	+28 43.2	2.226	3.082	10.8	18.8
11 27	5 54.42	+28 39.6	2.156	3.082	7.6	18.6
12 7	5 45.33	+28 29.7	2.113	3.081	4.1	18.3
12 17	5 35.30	+28 12.5	2.099	3.081	1.6	18.2
12 27	5 25.40	+27 48.7	2.116	3.080	4.4	18.4
1 6	5 16.69	+27 20.2	2.162	3.079	7.9	18.6
1 16	5 9.97	+26 50.0	2.235	3.077	11.1	18.8

450393 2005 QW_{138} 12 16.3 214°.20 3°.3/16.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.03	+32 58.1	2.436	3.189	13.3	22.4
11 17	6 3.02	+33 26.3	2.337	3.182	10.8	22.2
11 27	5 55.45	+33 49.2	2.260	3.176	7.9	22.0
12 7	5 45.91	+34 3.4	2.210	3.168	4.9	21.8
12 17	5 35.25	+34 6.4	2.188	3.161	3.3	21.7
12 27	5 24.61	+33 57.2	2.198	3.152	5.1	21.8
1 6	5 15.11	+33 37.6	2.236	3.144	8.2	22.0
1 16	5 7.64	+33 10.9	2.301	3.134	11.2	22.2

275176 2009 WS_{38} 12 16.3 184°.28 0°.7/16.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 9.60	+24 57.0	1.946	2.716	15.6	22.0
11 17	6 4.56	+25 3.7	1.856	2.717	12.4	21.8
11 27	5 56.66	+25 8.9	1.788	2.717	8.6	21.5
12 7	5 46.54	+25 10.6	1.745	2.716	4.3	21.3
12 17	5 35.21	+25 7.3	1.731	2.715	0.7	21.0
12 27	5 23.98	+24 59.1	1.748	2.713	4.9	21.3
1 6	5 14.14	+24 47.6	1.793	2.711	9.2	21.5
1 16	5 6.65	+24 35.2	1.863	2.707	12.9	21.8

296806 2009 VK_{61} 12 16.3 124°.43 2°.3/16.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.11	+29 17.9	2.546	3.304	12.6	21.0
11 17	6 1.15	+29 51.2	2.463	3.314	10.1	20.8
11 27	5 53.96	+30 21.5	2.402	3.325	7.1	20.6
12 7	5 45.08	+30 46.3	2.370	3.334	4.0	20.5
12 17	5 35.33	+31 3.3	2.366	3.344	2.3	20.3
12 27	5 25.68	+31 11.7	2.394	3.353	4.4	20.5
1 6	5 17.11	+31 12.3	2.451	3.362	7.4	20.7
1 16	5 10.36	+31 7.4	2.535	3.371	10.2	20.9

16926 1998 FH_{63} 12 16.3 17°.03 1°.2/16.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 3.34	+20 4.5	1.896	2.680	15.5	17.6
11 17	5 59.56	+19 59.6	1.813	2.682	12.3	17.4
11 27	5 53.17	+19 56.6	1.750	2.683	8.5	17.1
12 7	5 44.79	+19 55.1	1.714	2.685	4.3	16.9
12 17	5 35.35	+19 55.0	1.705	2.687	1.3	16.7
12 27	5 26.04	+19 56.5	1.725	2.690	5.0	17.0
1 6	5 18.00	+20 0.4	1.772	2.693	9.1	17.2
1 16	5 12.10	+20 7.2	1.845	2.695	12.7	17.4

352167 2007 RN_{39} 12 16.3 48°.55 2°.3/16.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.78	+17 57.8	1.418	2.214	19.1	21.2
11 17	6 2.71	+17 49.1	1.363	2.239	15.1	21.0
11 27	5 55.44	+17 45.1	1.329	2.263	10.5	20.8
12 7	5 45.87	+17 45.8	1.318	2.289	5.5	20.5
12 17	5 35.28	+17 51.2	1.333	2.314	2.4	20.4
12 27	5 25.21	+18 1.1	1.376	2.340	6.1	20.7
1 6	5 16.99	+18 15.5	1.444	2.367	10.6	21.0
1 16	5 11.51	+18 34.4	1.536	2.393	14.5	21.3

111112 2001 VU_{84} 12 16.3 110°.20 6°.4/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 10.35	+39 45.9	2.061	2.809	15.5	19.9
11 17	6 5.59	+40 40.6	1.979	2.812	13.0	19.7
11 27	5 57.60	+41 25.8	1.919	2.816	10.1	19.5
12 7	5 47.09	+41 55.6	1.882	2.819	7.6	19.4
12 17	5 35.18	+42 5.1	1.873	2.822	6.4	19.3
12 27	5 23.43	+41 52.9	1.891	2.826	7.6	19.4
1 6	5 13.30	+41 21.9	1.937	2.829	10.2	19.5
1 16	5 5.87	+40 37.8	2.007	2.832	12.9	19.7

516709 2008 YC_{80} 12 16.3 206°.60 6°.4/16.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 4.78	+ 5 11.0	2.042	2.792	15.6	21.7
11 17	6 0.39	+ 4 48.8	1.954	2.790	13.0	21.5
11 27	5 53.61	+ 4 38.5	1.886	2.787	10.1	21.4
12 7	5 44.99	+ 4 42.8	1.844	2.784	7.5	21.2
12 17	5 35.35	+ 5 3.7	1.828	2.780	6.4	21.1
12 27	5 25.75	+ 5 41.2	1.842	2.776	7.8	21.2
1 6	5 17.22	+ 6 33.4	1.883	2.772	10.5	21.4
1 16	5 10.60	+ 7 37.0	1.949	2.768	13.5	21.5

143202 2002 XS_{89} 12 16.3 32°.40 4°.9/16.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 2.86	+13 23.3	1.389	2.190	19.3	18.7
11 17	5 59.69	+12 48.7	1.332	2.207	15.5	18.5
11 27	5 53.43	+12 22.2	1.295	2.225	11.1	18.3
12 7	5 44.92	+12 6.6	1.280	2.244	6.9	18.1
12 17	5 35.36	+12 3.6	1.290	2.264	4.9	18.0
12 27	5 26.23	+12 13.9	1.327	2.284	7.5	18.2
1 6	5 18.82	+12 36.3	1.389	2.305	11.4	18.5
1 16	5 14.00	+13 8.7	1.474	2.327	15.2	18.8

227086 2005 MY_2 12 16.3 148°.68 0°.4/16.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 10.68	+22 55.8	1.991	2.757	15.4	21.9
11 17	6 5.12	+22 48.4	1.909	2.768	12.2	21.7
11 27	5 56.85	+22 39.9	1.850	2.779	8.4	21.5
12 7	5 46.55	+22 29.5	1.817	2.788	4.2	21.3
12 17	5 35.25	+22 16.7	1.813	2.797	0.5	21.0
12 27	5 24.19	+22 2.3	1.840	2.805	4.8	21.4
1 6	5 14.55	+21 47.9	1.896	2.812	8.9	21.6
1 16	5 7.19	+21 35.7	1.978	2.818	12.4	21.9

441166 2007 TQ_{312} 12 16.3 51°.10 2°.6/16.4 15

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.86	+27 19.5	1.498	2.289	18.6	21.3
11 17	6 4.63	+28 1.7	1.439	2.310	14.7	21.1
11 27	5 56.97	+28 41.8	1.399	2.331	10.3	20.9
12 7	5 46.72	+29 15.2	1.383	2.353	5.6	20.7
12 17	5 35.24	+29 38.1	1.394	2.375	2.6	20.6
12 27	5 24.18	+29 49.3	1.433	2.397	6.0	20.9
1 6	5 15.05	+29 50.6	1.498	2.420	10.3	21.2
1 16	5 8.86	+29 45.6	1.587	2.443	14.2	21.4

195879 2002 RO_7 12 16.3 84°.66 2°.1/16.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 2.89	+16 33.4	2.380	3.146	13.2	20.1
11 17	5 58.46	+16 27.7	2.304	3.162	10.4	20.0
11 27	5 52.01	+16 25.6	2.251	3.177	7.3	19.8
12 7	5 44.08	+16 27.3	2.224	3.192	4.0	19.6
12 17	5 35.44	+16 32.9	2.228	3.207	2.1	19.5
12 27	5 26.98	+16 42.5	2.261	3.222	4.5	19.7
1 6	5 19.55	+16 56.0	2.324	3.236	7.7	19.9
1 16	5 13.79	+17 13.2	2.413	3.251	10.6	20.1

323279 2003 SW_{429} 12 16.3 166°.13 1°.8/16.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 11.19	+26 38.7	1.643	2.422	17.7	21.9
11 17	6 6.44	+27 1.0	1.560	2.426	14.1	21.7
11 27	5 58.30	+27 21.6	1.498	2.429	9.9	21.4
12 7	5 47.47	+27 36.8	1.461	2.431	5.2	21.2
12 17	5 35.18	+27 43.7	1.451	2.433	1.8	21.0
12 27	5 23.04	+27 41.4	1.469	2.435	5.7	21.2
1 6	5 12.62	+27 32.0	1.516	2.436	10.4	21.5
1 16	5 5.04	+27 19.0	1.586	2.436	14.5	21.7

414302 2008 RC_{26} 12 16.3 33°.88 5°.2/15.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 2.03	+12 40.3	1.998	2.773	15.1	20.6
11 17	5 58.12	+11 24.9	1.923	2.781	12.2	20.4
11 27	5 51.93	+10 12.9	1.870	2.789	9.0	20.2
12 7	5 44.09	+ 9 8.4	1.843	2.797	6.2	20.0
12 17	5 35.45	+ 8 14.9	1.844	2.806	5.3	20.0
12 27	5 27.05	+ 7 35.7	1.874	2.815	7.1	20.1
1 6	5 19.84	+ 7 12.0	1.931	2.825	10.1	20.3
1 16	5 14.52	+ 7 3.4	2.012	2.834	13.0	20.5

79128 1990 SB_{13} 12 16.3 84°.12 0°.3/16.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 11.39	+22 51.6	1.599	2.380	18.0	19.6
11 17	6 6.08	+22 50.3	1.539	2.406	14.2	19.4
11 27	5 57.65	+22 48.6	1.499	2.432	9.7	19.2
12 7	5 46.95	+22 45.2	1.484	2.457	4.8	19.0
12 17	5 35.27	+22 39.2	1.498	2.481	0.4	18.7
12 27	5 24.09	+22 31.3	1.540	2.506	5.3	19.2
1 6	5 14.77	+22 23.2	1.609	2.530	9.8	19.5
1 16	5 8.16	+22 16.9	1.703	2.553	13.6	19.8

84706 2002 VF_{119} 12 16.3 55°.42 4°.0/16.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 11.30	+30 27.6	1.298	2.094	20.6	18.9
11 17	6 7.17	+31 7.9	1.242	2.114	16.5	18.7
11 27	5 59.02	+31 42.5	1.204	2.135	11.7	18.5
12 7	5 47.83	+32 5.3	1.189	2.156	6.8	18.3
12 17	5 35.20	+32 12.1	1.200	2.177	4.0	18.2
12 27	5 23.17	+32 2.4	1.237	2.199	7.0	18.4
1 6	5 13.51	+31 40.2	1.299	2.220	11.6	18.7
1 16	5 7.31	+31 11.6	1.383	2.242	15.6	19.0

265821 2005 XZ_{110} 12 16.3 210°.52 2°.1/16.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 2.17	+16 46.8	2.542	3.306	12.5	20.7
11 17	5 57.92	+16 36.1	2.446	3.303	10.0	20.5
11 27	5 51.70	+16 28.2	2.374	3.300	7.0	20.3
12 7	5 44.00	+16 23.7	2.330	3.297	3.9	20.1
12 17	5 35.48	+16 22.8	2.314	3.293	2.1	20.0
12 27	5 27.02	+16 26.0	2.329	3.289	4.4	20.1
1 6	5 19.43	+16 33.5	2.374	3.285	7.6	20.3
1 16	5 13.41	+16 45.3	2.445	3.281	10.5	20.5

156826 2003 BE_{65} 12 16.3 314°.93 0°.5/16.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 4.88	+24 26.7	1.419	2.222	18.8	20.7
11 17	6 2.07	+24 28.9	1.330	2.209	15.1	20.4
11 27	5 55.68	+24 29.7	1.259	2.197	10.6	20.1
12 7	5 46.36	+24 27.5	1.212	2.186	5.3	19.8
12 17	5 35.29	+24 20.6	1.190	2.174	0.6	19.4
12 27	5 24.20	+24 9.2	1.195	2.164	6.1	19.7
1 6	5 14.79	+23 55.5	1.226	2.153	11.5	20.0
1 16	5 8.37	+23 42.7	1.278	2.143	16.3	20.3

73664 1981 EE_{34} 12 16.3 295°.24 1°.2/16.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 6.10	+26 3.5	1.535	2.329	18.0	20.5
11 17	6 2.90	+26 8.4	1.437	2.312	14.5	20.2
11 27	5 56.22	+26 10.8	1.359	2.294	10.2	19.9
12 7	5 46.64	+26 8.2	1.304	2.276	5.3	19.6
12 17	5 35.27	+25 58.6	1.275	2.259	1.2	19.3
12 27	5 23.78	+25 42.0	1.274	2.241	6.0	19.5
1 6	5 13.85	+25 20.6	1.299	2.224	11.2	19.8
1 16	5 6.81	+24 58.5	1.347	2.208	15.9	20.0

120380 2005 QP_{10} 12 16.3 46°.96 1°.7/16.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 9.49	+25 33.1	1.210	2.017	21.2	19.3
11 17	6 5.67	+25 59.2	1.159	2.040	16.8	19.1
11 27	5 57.92	+26 23.8	1.126	2.064	11.6	18.8
12 7	5 47.25	+26 43.1	1.116	2.088	5.9	18.6
12 17	5 35.25	+26 53.8	1.130	2.113	1.7	18.4
12 27	5 23.91	+26 55.6	1.171	2.138	6.4	18.8
1 6	5 14.91	+26 50.8	1.236	2.164	11.5	19.1
1 16	5 9.28	+26 43.4	1.324	2.190	15.8	19.5

88743 2001 SD_{49} 12 16.3 83°.28 0°.5/16.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 10.93	+23 29.8	1.588	2.371	18.0	19.5
11 17	6 5.90	+23 49.1	1.525	2.393	14.2	19.3
11 27	5 57.65	+24 8.8	1.483	2.415	9.8	19.1
12 7	5 47.02	+24 26.1	1.465	2.437	4.8	18.9
12 17	5 35.27	+24 38.9	1.475	2.459	0.6	18.6
12 27	5 23.94	+24 46.6	1.514	2.480	5.4	19.0
1 6	5 14.44	+24 50.5	1.580	2.501	9.9	19.3
1 16	5 7.70	+24 52.7	1.670	2.522	13.8	19.6

281184 2007 EY_{147} 12 16.3 179°.45 0°.5/16.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.54	+21 36.6	1.978	2.749	15.4	21.7
11 17	6 3.62	+21 40.3	1.889	2.751	12.2	21.5
11 27	5 55.97	+21 44.9	1.822	2.752	8.5	21.3
12 7	5 46.22	+21 49.4	1.780	2.752	4.2	21.0
12 17	5 35.32	+21 52.8	1.768	2.752	0.6	20.7
12 27	5 24.52	+21 55.0	1.786	2.751	4.9	21.1
1 6	5 15.01	+21 56.8	1.832	2.750	9.0	21.3
1 16	5 7.73	+21 59.5	1.904	2.748	12.7	21.5

215724 2004 BT_{111} 12 16.3 351°.42 0°.2/16.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 2.60	+21 44.2	1.451	2.256	18.4	19.9
11 17	6 0.04	+22 10.4	1.369	2.251	14.7	19.7
11 27	5 54.13	+22 40.4	1.307	2.246	10.2	19.4
12 7	5 45.53	+23 12.0	1.268	2.242	5.1	19.1
12 17	5 35.36	+23 42.7	1.255	2.239	0.4	18.7
12 27	5 25.21	+24 10.5	1.268	2.236	5.8	19.1
1 6	5 16.66	+24 34.8	1.307	2.235	10.9	19.4
1 16	5 10.88	+24 56.6	1.369	2.235	15.3	19.7

414350 2008 TJ_{18} 12 16.3 184°.81 5°.3/15.0 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 1.16	+ 8 45.0	2.539	3.292	12.8	21.3
11 17	5 56.99	+ 7 38.9	2.452	3.292	10.5	21.1
11 27	5 50.97	+ 6 37.7	2.388	3.292	8.1	20.9
12 7	5 43.60	+ 5 44.9	2.351	3.292	6.0	20.8
12 17	5 35.53	+ 5 3.2	2.343	3.292	5.4	20.8
12 27	5 27.57	+ 4 35.0	2.364	3.291	6.7	20.9
1 6	5 20.47	+ 4 21.0	2.413	3.291	9.0	21.0
1 16	5 14.87	+ 4 20.6	2.488	3.290	11.4	21.2

190626 2000 WS_{91} 12 16.3 73°.14 1°.4/16.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.09	+26 11.2	1.643	2.429	17.4	19.9
11 17	6 3.79	+26 25.9	1.570	2.440	13.8	19.7
11 27	5 56.31	+26 38.3	1.518	2.451	9.6	19.5
12 7	5 46.43	+26 45.8	1.491	2.462	4.9	19.2
12 17	5 35.32	+26 46.5	1.490	2.473	1.4	19.0
12 27	5 24.51	+26 40.1	1.518	2.484	5.4	19.3
1 6	5 15.39	+26 28.8	1.573	2.496	9.9	19.6
1 16	5 8.95	+26 15.5	1.653	2.507	13.8	19.9

429808 2012 JD_{24} 12 16.3 97°.71 6°.5/16.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 9.59	+ 6 51.2	1.680	2.439	18.1	21.0
11 17	6 4.32	+ 6 21.3	1.619	2.463	14.8	20.8
11 27	5 56.29	+ 6 4.1	1.579	2.486	11.2	20.7
12 7	5 46.27	+ 6 2.5	1.563	2.509	8.0	20.5
12 17	5 35.34	+ 6 18.0	1.574	2.532	6.6	20.5
12 27	5 24.81	+ 6 50.2	1.614	2.553	8.2	20.6
1 6	5 15.84	+ 7 36.5	1.680	2.574	11.3	20.9
1 16	5 9.25	+ 8 33.5	1.770	2.595	14.4	21.1

402466 2006 BA_{159} 12 16.3 34°.81 7°.4/16.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 1.49	+ 3 28.7	1.891	2.650	16.4	20.2
11 17	5 57.85	+ 2 53.1	1.821	2.659	13.7	20.0
11 27	5 51.85	+ 2 31.1	1.772	2.668	10.9	19.9
12 7	5 44.11	+ 2 26.2	1.745	2.678	8.4	19.7
12 17	5 35.50	+ 2 40.7	1.745	2.688	7.4	19.7
12 27	5 27.08	+ 3 14.6	1.772	2.699	8.6	19.8
1 6	5 19.83	+ 4 5.7	1.825	2.710	11.1	20.0
1 16	5 14.53	+ 5 10.1	1.902	2.721	13.7	20.2

87304 2000 PY_{26} 12 16.3 63°.05 0°.5/16.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 9.75	+23 38.6	1.474	2.265	18.8	19.1
11 17	6 5.00	+23 18.9	1.417	2.290	14.8	18.9
11 27	5 56.98	+22 57.3	1.380	2.315	10.1	18.7
12 7	5 46.64	+22 33.2	1.368	2.340	5.0	18.4
12 17	5 35.32	+22 7.1	1.382	2.366	0.6	18.2
12 27	5 24.61	+21 40.9	1.424	2.391	5.6	18.6
1 6	5 15.85	+21 17.1	1.494	2.417	10.2	18.9
1 16	5 9.91	+20 58.4	1.587	2.442	14.2	19.2

152940 2000 FU_5 12 16.3 277°.22 4°.5/16.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 9.45	+32 7.1	1.586	2.367	18.1	20.2
11 17	6 5.61	+32 50.2	1.498	2.361	14.7	20.0
11 27	5 58.09	+33 28.4	1.431	2.355	10.8	19.7
12 7	5 47.54	+33 56.0	1.387	2.349	6.7	19.5
12 17	5 35.23	+34 7.8	1.370	2.343	4.5	19.3
12 27	5 22.93	+34 1.8	1.379	2.337	7.1	19.5
1 6	5 12.42	+33 40.7	1.415	2.332	11.3	19.7
1 16	5 5.01	+33 10.0	1.475	2.326	15.3	19.9

367576 2009 SC_{184} 12 16.3 217°.60 0°.6/16.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 4.76	+25 50.3	2.650	3.410	12.1	21.8
11 17	6 0.02	+25 46.5	2.547	3.403	9.7	21.6
11 27	5 53.18	+25 40.0	2.468	3.395	6.7	21.4
12 7	5 44.75	+25 30.0	2.416	3.387	3.4	21.2
12 17	5 35.46	+25 15.8	2.394	3.378	0.6	21.0
12 27	5 26.22	+24 58.0	2.404	3.369	3.8	21.2
1 6	5 17.91	+24 38.0	2.443	3.359	7.2	21.4
1 16	5 11.26	+24 17.7	2.510	3.349	10.2	21.6

30320 2000 JP_{17} 12 16.3 84°.26 3°.8/16.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.96	+14 21.2	1.619	2.397	17.9	18.4
11 17	6 4.02	+13 59.9	1.558	2.420	14.3	18.2
11 27	5 56.18	+13 45.2	1.518	2.443	10.2	18.0
12 7	5 46.24	+13 38.4	1.502	2.466	6.0	17.8
12 17	5 35.36	+13 40.4	1.513	2.489	3.8	17.7
12 27	5 24.91	+13 51.4	1.553	2.511	6.5	18.0
1 6	5 16.10	+14 10.6	1.620	2.533	10.4	18.2
1 16	5 9.79	+14 37.1	1.712	2.554	14.0	18.5

32081 2000 JT_{77} 12 16.3 155°.03 4°.5/16.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 13.77	+32 17.0	1.519	2.296	19.0	19.0
11 17	6 9.03	+32 55.4	1.441	2.301	15.4	18.7
11 27	6 0.39	+33 27.7	1.382	2.305	11.2	18.5
12 7	5 48.64	+33 47.7	1.346	2.309	6.9	18.3
12 17	5 35.19	+33 50.5	1.338	2.312	4.5	18.1
12 27	5 21.97	+33 34.9	1.357	2.315	7.1	18.3
1 6	5 10.82	+33 4.7	1.402	2.318	11.4	18.6
1 16	5 3.00	+32 26.3	1.471	2.320	15.5	18.8

449860 2015 ML_{45} 12 16.3 79°.50 3°.0/16.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.14	+12 46.2	1.772	2.542	16.9	20.9
11 17	6 3.34	+13 10.7	1.700	2.558	13.5	20.7
11 27	5 55.77	+13 45.2	1.650	2.574	9.6	20.5
12 7	5 46.11	+14 29.2	1.625	2.590	5.5	20.3
12 17	5 35.39	+15 21.1	1.628	2.606	3.0	20.1
12 27	5 24.87	+16 18.3	1.661	2.622	5.7	20.4
1 6	5 15.77	+17 18.3	1.722	2.637	9.7	20.6
1 16	5 8.99	+18 18.9	1.809	2.653	13.2	20.9

328421 2008 SA_{238} 12 16.3 100°.64 1°.6/16.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.10	+28 2.6	2.511	3.273	12.7	21.0
11 17	6 0.31	+28 20.4	2.432	3.287	10.1	20.9
11 27	5 53.35	+28 35.2	2.376	3.301	7.0	20.7
12 7	5 44.81	+28 45.1	2.347	3.315	3.8	20.5
12 17	5 35.49	+28 48.8	2.348	3.328	1.6	20.4
12 27	5 26.34	+28 45.9	2.379	3.342	4.1	20.6
1 6	5 18.28	+28 37.8	2.440	3.355	7.2	20.8
1 16	5 12.01	+28 26.4	2.528	3.368	10.1	21.0

408080 2012 HM_{35} 12 16.3 307°.46 1°.3/16.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 2.49	+20 26.7	2.080	2.859	14.4	21.2
11 17	5 58.76	+20 11.1	1.985	2.851	11.5	21.0
11 27	5 52.60	+19 55.9	1.912	2.843	8.0	20.7
12 7	5 44.57	+19 41.4	1.864	2.836	4.1	20.5
12 17	5 35.50	+19 27.9	1.845	2.828	1.4	20.3
12 27	5 26.48	+19 16.4	1.856	2.820	4.8	20.5
1 6	5 18.56	+19 7.9	1.895	2.813	8.7	20.7
1 16	5 12.59	+19 3.7	1.959	2.806	12.2	20.9

508822 2001 RQ_{97} 12 16.3 50°.46 1°.2/16.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.87	+21 54.3	1.092	1.908	22.5	21.3
11 17	6 5.48	+21 37.7	1.037	1.924	17.8	21.0
11 27	5 57.97	+21 21.5	0.999	1.940	12.3	20.8
12 7	5 47.36	+21 5.4	0.983	1.957	6.1	20.5
12 17	5 35.31	+20 49.5	0.991	1.975	1.3	20.2
12 27	5 23.89	+20 35.3	1.024	1.993	6.9	20.7
1 6	5 14.90	+20 25.2	1.081	2.011	12.5	21.0
1 16	5 9.43	+20 21.1	1.160	2.029	17.2	21.4

163627 2002 UB_7 12 16.3 127°.94 5°.2/15.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 0.87	+ 5 53.2	2.772	3.513	12.1	20.3
11 17	5 56.56	+ 5 17.0	2.693	3.523	10.0	20.1
11 27	5 50.57	+ 4 48.5	2.637	3.533	7.8	20.0
12 7	5 43.39	+ 4 30.1	2.607	3.542	5.9	19.9
12 17	5 35.60	+ 4 23.4	2.606	3.551	5.2	19.9
12 27	5 27.94	+ 4 29.2	2.635	3.560	6.2	19.9
1 6	5 21.09	+ 4 46.9	2.692	3.569	8.2	20.1
1 16	5 15.59	+ 5 15.0	2.774	3.577	10.4	20.2

355451 2007 VT_{154} 12 16.3 274°.44 2°.5/16.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.87	+29 17.3	1.896	2.671	15.8	21.6
11 17	6 2.84	+29 35.3	1.796	2.658	12.7	21.3
11 27	5 55.79	+29 49.5	1.718	2.645	9.1	21.1
12 7	5 46.30	+29 56.6	1.664	2.632	5.1	20.8
12 17	5 35.38	+29 53.9	1.639	2.619	2.5	20.6
12 27	5 24.41	+29 40.9	1.642	2.605	5.5	20.8
1 6	5 14.79	+29 19.6	1.673	2.592	9.6	21.0
1 16	5 7.63	+28 53.6	1.728	2.578	13.5	21.2

175119 2004 UE_9 12 16.3 76°.17 2°.1/17.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 20.08	+35 11.4	1.071	1.865	24.2	19.2
11 17	6 14.85	+33 51.3	1.002	1.873	19.6	19.0
11 27	6 4.58	+32 7.2	0.950	1.882	14.0	18.7
12 7	5 50.59	+29 56.4	0.920	1.890	7.5	18.3
12 17	5 35.09	+27 23.2	0.916	1.898	2.1	18.0
12 27	5 20.73	+24 40.3	0.939	1.907	7.4	18.4
1 6	5 9.63	+22 4.7	0.987	1.915	13.6	18.8
1 16	5 2.86	+19 49.4	1.059	1.923	18.9	19.1

47067 1998 XB_{62} 12 16.3 95°.55 0°.8/16.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 9.08	+21 20.6	2.111	2.876	14.7	20.4
11 17	6 3.49	+21 14.5	2.045	2.903	11.6	20.3
11 27	5 55.50	+21 8.6	2.003	2.931	7.9	20.1
12 7	5 45.84	+21 2.6	1.987	2.958	3.9	19.9
12 17	5 35.43	+20 56.1	2.000	2.984	0.8	19.7
12 27	5 25.40	+20 49.6	2.045	3.009	4.4	20.0
1 6	5 16.73	+20 44.2	2.119	3.034	8.1	20.3
1 16	5 10.14	+20 41.1	2.219	3.059	11.3	20.6

30140 Robpergolizzi 12 16.3 188°.22 2°.5/16.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 11.02	+30 2.6	1.987	2.750	15.5	20.1
11 17	6 5.81	+30 16.7	1.895	2.750	12.5	19.9
11 27	5 57.62	+30 25.8	1.825	2.749	8.9	19.7
12 7	5 47.10	+30 26.6	1.781	2.747	5.0	19.5
12 17	5 35.33	+30 16.8	1.766	2.745	2.5	19.3
12 27	5 23.68	+29 56.3	1.780	2.742	5.3	19.5
1 6	5 13.50	+29 27.7	1.823	2.739	9.2	19.7
1 16	5 5.78	+28 55.1	1.892	2.734	12.8	19.9

365061 2008 YU_{52} 12 16.3 229°.30 3°.0/16.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.97	+13 39.6	1.896	2.667	15.9	20.5
11 17	6 1.70	+13 49.1	1.805	2.664	12.8	20.3
11 27	5 54.75	+14 6.9	1.736	2.661	9.2	20.0
12 7	5 45.69	+14 33.2	1.692	2.657	5.3	19.8
12 17	5 35.43	+15 7.5	1.676	2.653	3.1	19.6
12 27	5 25.16	+15 48.6	1.689	2.650	5.7	19.8
1 6	5 16.08	+16 34.8	1.731	2.646	9.7	20.0
1 16	5 9.13	+17 24.5	1.798	2.642	13.3	20.3

469489 2002 TM_{356} 12 16.3 86°.01 0°.4/16.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 12.76	+22 49.6	1.546	2.327	18.5	21.9
11 17	6 7.23	+22 42.8	1.488	2.355	14.6	21.7
11 27	5 58.47	+22 35.5	1.450	2.382	10.0	21.5
12 7	5 47.39	+22 26.4	1.436	2.409	4.9	21.3
12 17	5 35.33	+22 15.0	1.451	2.435	0.6	21.0
12 27	5 23.85	+22 2.2	1.495	2.461	5.5	21.5
1 6	5 14.31	+21 50.0	1.565	2.486	10.1	21.8
1 16	5 7.60	+21 40.8	1.661	2.510	13.9	22.1

112672 2002 PW_{94} 12 16.3 38°.80 1°.7/16.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 2.38	+18 0.6	2.042	2.821	14.7	19.4
11 17	5 58.53	+18 2.5	1.965	2.831	11.6	19.2
11 27	5 52.33	+18 8.0	1.910	2.841	8.1	19.0
12 7	5 44.38	+18 17.0	1.881	2.852	4.2	18.8
12 17	5 35.54	+18 29.0	1.881	2.863	1.7	18.7
12 27	5 26.87	+18 43.9	1.910	2.874	4.7	18.9
1 6	5 19.37	+19 1.4	1.967	2.885	8.4	19.2
1 16	5 13.80	+19 21.4	2.049	2.897	11.7	19.4

373953 2003 WP_{61} 12 16.3 66°.85 1°.2/16.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 10.44	+21 48.4	1.293	2.092	20.5	21.2
11 17	6 6.03	+21 30.9	1.236	2.113	16.2	21.0
11 27	5 57.98	+21 13.7	1.198	2.135	11.1	20.7
12 7	5 47.25	+20 56.3	1.183	2.156	5.6	20.5
12 17	5 35.34	+20 39.0	1.194	2.178	1.3	20.3
12 27	5 24.03	+20 23.2	1.232	2.199	6.3	20.6
1 6	5 14.89	+20 11.0	1.296	2.220	11.3	21.0
1 16	5 8.88	+20 4.4	1.382	2.241	15.6	21.3

390643 2002 OS_{13} 12 16.3 155°.14 7°.1/16.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 5.05	+ 1 36.8	2.366	3.093	14.3	22.0
11 17	6 0.14	+ 0 58.3	2.287	3.102	12.1	21.9
11 27	5 53.18	+ 0 31.6	2.229	3.109	9.7	21.7
12 7	5 44.74	+ 0 19.9	2.197	3.116	7.8	21.6
12 17	5 35.53	+ 0 25.4	2.193	3.122	7.1	21.6
12 27	5 26.45	+ 0 48.8	2.217	3.128	8.0	21.7
1 6	5 18.35	+ 1 28.4	2.269	3.133	10.1	21.8
1 16	5 11.91	+ 2 21.5	2.345	3.138	12.3	22.0

214800 2006 UO_{202} 12 16.3 68°.38 0°.6/16.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.46	+20 23.9	1.889	2.669	15.7	20.6
11 17	6 1.29	+20 39.9	1.807	2.674	12.4	20.4
11 27	5 54.43	+20 58.8	1.748	2.680	8.6	20.1
12 7	5 45.50	+21 19.4	1.713	2.685	4.3	19.9
12 17	5 35.47	+21 40.2	1.707	2.691	0.7	19.6
12 27	5 25.56	+22 0.3	1.731	2.697	4.9	20.0
1 6	5 16.95	+22 19.5	1.782	2.703	9.0	20.2
1 16	5 10.55	+22 38.4	1.859	2.709	12.7	20.5

184310 2005 EZ_{263} 12 16.3 324°.69 4°.4/16.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.82	+30 45.0	1.251	2.057	20.7	20.7
11 17	6 4.44	+31 22.7	1.168	2.047	16.9	20.4
11 27	5 57.82	+31 55.7	1.104	2.038	12.2	20.1
12 7	5 47.64	+32 18.1	1.061	2.029	7.3	19.8
12 17	5 35.30	+32 24.0	1.043	2.020	4.4	19.6
12 27	5 22.95	+32 11.6	1.049	2.013	7.8	19.8
1 6	5 12.73	+31 44.1	1.079	2.006	12.9	20.0
1 16	5 6.17	+31 8.4	1.131	1.999	17.7	20.3

408365 2013 GX_{91} 12 16.3 247°.13 3°.5/16.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 4.99	+11 54.8	2.525	3.276	12.9	22.5
11 17	6 0.31	+11 46.7	2.411	3.256	10.5	22.3
11 27	5 53.50	+11 44.6	2.320	3.236	7.7	22.1
12 7	5 45.01	+11 49.8	2.256	3.214	4.9	21.9
12 17	5 35.51	+12 2.8	2.222	3.193	3.5	21.8
12 27	5 25.87	+12 23.8	2.219	3.170	5.4	21.9
1 6	5 17.02	+12 52.3	2.245	3.147	8.4	22.0
1 16	5 9.72	+13 27.3	2.298	3.123	11.5	22.2

118841 2000 SR_{228} 12 16.3 92°.96 1°.0/16.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.55	+25 44.7	2.098	2.871	14.5	20.3
11 17	6 1.13	+25 55.6	2.016	2.879	11.5	20.1
11 27	5 54.17	+26 4.7	1.956	2.886	8.0	19.9
12 7	5 45.32	+26 10.2	1.922	2.893	4.1	19.7
12 17	5 35.49	+26 10.7	1.917	2.901	1.0	19.5
12 27	5 25.83	+26 6.2	1.942	2.908	4.5	19.8
1 6	5 17.42	+25 58.0	1.996	2.915	8.3	20.0
1 16	5 11.10	+25 48.3	2.075	2.922	11.7	20.2

62640 2000 SR_{358} 12 16.3 66°.14 4°.5/16.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.71	+32 31.8	2.073	2.836	15.0	18.6
11 17	6 4.16	+33 40.1	1.986	2.836	12.2	18.4
11 27	5 56.63	+34 45.4	1.921	2.837	9.0	18.2
12 7	5 46.71	+35 42.3	1.882	2.838	5.9	18.0
12 17	5 35.38	+36 25.7	1.871	2.838	4.5	17.9
12 27	5 24.00	+36 52.9	1.890	2.839	6.4	18.0
1 6	5 13.94	+37 4.5	1.936	2.839	9.5	18.2
1 16	5 6.28	+37 3.6	2.008	2.840	12.6	18.4

321543 2009 SP_{276} 12 16.3 352°.29 2°.9/16.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 2.42	+18 7.0	1.208	2.026	20.6	20.7
11 17	6 0.35	+17 49.1	1.133	2.020	16.6	20.4
11 27	5 54.59	+17 35.4	1.076	2.016	11.7	20.1
12 7	5 45.86	+17 27.4	1.041	2.013	6.3	19.8
12 17	5 35.44	+17 25.8	1.030	2.011	2.9	19.6
12 27	5 25.15	+17 31.4	1.043	2.010	7.2	19.8
1 6	5 16.73	+17 44.6	1.081	2.009	12.6	20.1
1 16	5 11.42	+18 5.1	1.139	2.010	17.4	20.4

434432 2005 NG_{7} 12 16.3 317°.23 24°.6/22.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 4.26	−16 17.5	0.755	1.531	33.3	20.6
11 17	6 3.73	−17 41.7	0.694	1.514	31.3	20.3
11 27	5 58.26	−18 17.7	0.641	1.497	28.9	20.1
12 7	5 48.31	−17 43.3	0.597	1.482	26.6	19.8
12 17	5 35.23	−15 38.5	0.566	1.468	25.0	19.7
12 27	5 21.56	−11 55.4	0.550	1.455	24.8	19.6
1 6	5 10.08	− 6 48.2	0.549	1.443	26.6	19.6
1 16	5 2.96	− 0 48.4	0.566	1.433	29.9	19.7

115588 2003 UZ_{96} 12 16.3 112°.75 0°.6/16.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.75	+25 16.1	1.887	2.663	15.8	20.6
11 17	6 3.09	+25 15.6	1.808	2.672	12.5	20.4
11 27	5 55.62	+25 12.8	1.750	2.681	8.7	20.1
12 7	5 46.06	+25 6.2	1.718	2.690	4.3	19.9
12 17	5 35.45	+24 54.9	1.715	2.698	0.6	19.6
12 27	5 25.07	+24 39.5	1.740	2.707	4.8	20.0
1 6	5 16.15	+24 21.8	1.794	2.715	9.0	20.2
1 16	5 9.58	+24 4.6	1.874	2.723	12.6	20.5

5610 Balster 12 16.3 232°.54 0°.6/16.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 4.56	+22 24.1	2.117	2.892	14.3	17.5
11 17	6 0.34	+22 12.0	2.025	2.889	11.4	17.3
11 27	5 53.65	+21 59.1	1.955	2.886	7.9	17.1
12 7	5 45.10	+21 45.0	1.910	2.882	3.9	16.9
12 17	5 35.53	+21 29.8	1.895	2.879	0.7	16.6
12 27	5 26.06	+21 14.3	1.910	2.875	4.6	16.9
1 6	5 17.74	+20 59.9	1.953	2.872	8.5	17.1
1 16	5 11.40	+20 48.4	2.022	2.868	12.0	17.3

21642 Kominers 12 16.3 165°.78 1°.8/16.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 12.38	+27 31.2	1.852	2.619	16.4	19.7
11 17	6 6.99	+27 49.3	1.767	2.625	13.1	19.5
11 27	5 58.49	+28 4.5	1.703	2.630	9.2	19.3
12 7	5 47.57	+28 13.6	1.665	2.634	4.9	19.0
12 17	5 35.35	+28 13.9	1.655	2.637	1.8	18.8
12 27	5 23.30	+28 5.3	1.676	2.640	5.3	19.1
1 6	5 12.83	+27 49.7	1.724	2.641	9.5	19.3
1 16	5 4.95	+27 30.7	1.799	2.642	13.3	19.6

387507 1998 RF_{8} 12 16.3 349°.92 7°.6/16.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.57	+35 45.7	1.245	2.047	21.0	20.7
11 17	6 4.54	+36 57.3	1.170	2.041	17.5	20.4
11 27	5 58.07	+38 1.5	1.113	2.036	13.3	20.2
12 7	5 47.82	+38 49.1	1.077	2.032	9.4	19.9
12 17	5 35.31	+39 11.7	1.064	2.029	7.6	19.8
12 27	5 22.87	+39 5.7	1.075	2.026	9.7	19.9
1 6	5 12.76	+38 35.0	1.110	2.025	13.7	20.1
1 16	5 6.57	+37 48.0	1.165	2.025	17.9	20.4

395870 2013 AS_{22} 12 16.3 193°.04 2°.6/16.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.84	+31 44.4	2.482	3.234	13.1	21.8
11 17	6 3.50	+31 55.6	2.385	3.232	10.6	21.6
11 27	5 55.72	+32 1.2	2.311	3.229	7.6	21.4
12 7	5 46.10	+31 58.7	2.263	3.226	4.4	21.2
12 17	5 35.49	+31 46.2	2.245	3.222	2.6	21.1
12 27	5 24.98	+31 23.7	2.259	3.218	4.6	21.2
1 6	5 15.62	+30 53.5	2.302	3.213	7.8	21.4
1 16	5 8.24	+30 18.8	2.372	3.207	10.8	21.6

334092 2001 QT_{143} 12 16.3 56°.33 1°.3/16.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 10.07	+26 20.3	1.342	2.139	20.0	21.1
11 17	6 5.80	+26 27.6	1.285	2.161	15.8	20.9
11 27	5 57.87	+26 31.6	1.248	2.184	10.9	20.7
12 7	5 47.25	+26 29.6	1.234	2.206	5.5	20.4
12 17	5 35.42	+26 20.0	1.246	2.229	1.4	20.2
12 27	5 24.20	+26 3.4	1.285	2.252	6.0	20.6
1 6	5 15.15	+25 43.2	1.350	2.276	10.8	20.9
1 16	5 9.24	+25 23.1	1.438	2.299	15.0	21.2

479444 2013 YD_{111} 12 16.3 278°.24 4°.1/16.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 9.19	+32 25.6	1.609	2.389	17.9	21.7
11 17	6 5.34	+32 50.2	1.518	2.381	14.6	21.4
11 27	5 57.88	+33 8.0	1.447	2.372	10.6	21.2
12 7	5 47.48	+33 14.2	1.400	2.364	6.5	20.9
12 17	5 35.39	+33 4.7	1.379	2.355	4.1	20.7
12 27	5 23.34	+32 38.9	1.386	2.346	6.7	20.9
1 6	5 13.06	+32 0.2	1.419	2.338	11.0	21.1
1 16	5 5.81	+31 14.8	1.476	2.329	15.2	21.3

511104 2013 VO_{21} 12 16.3 74°.86 1°.8/16.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 11.85	+17 58.0	1.353	2.144	20.2	20.9
11 17	6 6.97	+18 9.4	1.297	2.168	16.0	20.7
11 27	5 58.58	+18 26.6	1.260	2.193	11.1	20.5
12 7	5 47.58	+18 48.6	1.247	2.218	5.7	20.3
12 17	5 35.40	+19 13.5	1.260	2.242	1.8	20.1
12 27	5 23.75	+19 39.8	1.301	2.267	6.2	20.4
1 6	5 14.16	+20 7.1	1.368	2.291	11.0	20.8
1 16	5 7.61	+20 35.3	1.459	2.314	15.2	21.1

52782 1998 QA_{38} 12 16.3 70°.23 1°.4/16.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 12.81	+26 22.9	1.413	2.201	19.6	19.7
11 17	6 7.72	+26 35.4	1.358	2.229	15.5	19.5
11 27	5 59.04	+26 44.8	1.324	2.256	10.7	19.2
12 7	5 47.78	+26 48.0	1.312	2.284	5.4	19.0
12 17	5 35.40	+26 43.0	1.328	2.311	1.5	18.8
12 27	5 23.67	+26 30.3	1.372	2.338	5.8	19.2
1 6	5 14.11	+26 13.0	1.442	2.365	10.5	19.5
1 16	5 7.66	+25 54.9	1.535	2.391	14.6	19.8

447606 2006 US_{123} 12 16.3 147°.70 1°.0/16.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.27	+25 20.3	2.016	2.791	15.0	21.8
11 17	6 1.89	+25 34.4	1.929	2.793	11.9	21.6
11 27	5 54.84	+25 47.3	1.865	2.795	8.3	21.4
12 7	5 45.74	+25 56.9	1.826	2.797	4.2	21.1
12 17	5 35.53	+26 1.6	1.815	2.798	1.0	20.9
12 27	5 25.43	+26 1.1	1.834	2.800	4.7	21.2
1 6	5 16.62	+25 56.6	1.882	2.802	8.7	21.4
1 16	5 9.98	+25 50.1	1.955	2.803	12.2	21.6

267676 2002 TG_{348} 12 16.3 230.°90 2.°6/16.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 1.64	+13 58.7	2.799	3.556	11.6	21.0
11 17	5 57.38	+13 52.7	2.697	3.547	9.4	20.8
11 27	5 51.32	+13 51.0	2.618	3.539	6.7	20.6
12 7	5 43.88	+13 54.4	2.567	3.529	4.0	20.5
12 17	5 35.68	+14 3.1	2.545	3.520	2.6	20.3
12 27	5 27.47	+14 17.4	2.555	3.510	4.4	20.5
1 6	5 20.00	+14 36.9	2.594	3.501	7.2	20.6
1 16	5 13.90	+15 1.2	2.660	3.490	9.9	20.8

143683 2003 SV_{280} 12 16.3 281.°00 5.°1/16.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 10.19	+33 9.3	1.442	2.229	19.3	20.0
11 17	6 6.77	+33 49.3	1.351	2.217	15.9	19.7
11 27	5 59.29	+34 23.1	1.279	2.204	11.8	19.5
12 7	5 48.37	+34 44.2	1.230	2.192	7.5	19.2
12 17	5 35.34	+34 46.6	1.206	2.179	5.1	19.0
12 27	5 22.23	+34 28.1	1.208	2.167	7.8	19.1
1 6	5 11.08	+33 52.2	1.236	2.154	12.4	19.4
1 16	5 3.39	+33 6.1	1.286	2.142	16.8	19.6

441145 2007 TM_{194} 12 16.3 353.°66 1.°4/16.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 3.73	+25 48.3	1.467	2.269	18.4	21.3
11 17	6 0.99	+26 5.0	1.386	2.265	14.7	21.0
11 27	5 54.83	+26 20.3	1.324	2.261	10.3	20.7
12 7	5 45.96	+26 31.5	1.286	2.259	5.3	20.5
12 17	5 35.54	+26 36.3	1.274	2.257	1.5	20.2
12 27	5 25.23	+26 34.0	1.288	2.256	5.9	20.5
1 6	5 16.62	+26 26.4	1.328	2.256	10.8	20.8
1 16	5 10.85	+26 16.5	1.391	2.257	15.2	21.0

489201 2006 HS_{116} 12 16.3 246.°61 3.°9/16.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.87	+32 50.5	2.452	3.207	13.2	21.6
11 17	6 2.25	+33 49.2	2.358	3.204	10.7	21.5
11 27	5 55.09	+34 44.6	2.287	3.201	7.9	21.3
12 7	5 45.92	+35 32.6	2.243	3.198	5.2	21.1
12 17	5 35.57	+36 9.3	2.228	3.195	3.9	21.0
12 27	5 25.14	+36 32.5	2.243	3.192	5.5	21.1
1 6	5 15.77	+36 42.7	2.287	3.189	8.3	21.3
1 16	5 8.38	+36 42.5	2.357	3.186	11.1	21.5

135694 2002 OK_{26} 12 16.3 203.°13 1.°9/16.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 9.18	+30 0.1	2.377	3.132	13.5	21.0
11 17	6 3.86	+30 1.0	2.277	3.127	10.9	20.8
11 27	5 56.03	+29 56.5	2.200	3.122	7.7	20.6
12 7	5 46.31	+29 44.6	2.150	3.116	4.2	20.4
12 17	5 35.55	+29 23.9	2.129	3.109	1.9	20.2
12 27	5 24.89	+28 54.8	2.140	3.102	4.5	20.4
1 6	5 15.41	+28 19.8	2.180	3.094	8.0	20.6
1 16	5 7.95	+27 42.3	2.247	3.086	11.2	20.8

137281 1999 RL_{181} 12 16.4 63.°60 5.°8/16.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.83	+11 40.8	1.314	2.107	20.6	19.6
11 17	6 3.81	+11 3.0	1.257	2.125	16.6	19.4
11 27	5 56.43	+10 35.5	1.218	2.144	12.1	19.2
12 7	5 46.56	+10 21.4	1.202	2.163	7.8	19.0
12 17	5 35.55	+10 22.8	1.211	2.181	5.8	19.0
12 27	5 24.99	+10 40.1	1.247	2.200	8.3	19.2
1 6	5 16.35	+11 11.4	1.307	2.219	12.4	19.5
1 16	5 10.57	+11 53.8	1.390	2.238	16.2	19.7

411042 2009 UP_{150} 12 16.4 65.°01 0.°3/16.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 3.82	+23 45.7	2.210	2.984	13.9	21.8
11 17	5 59.66	+23 52.5	2.125	2.988	11.0	21.6
11 27	5 53.15	+23 58.7	2.061	2.992	7.6	21.4
12 7	5 44.87	+24 3.3	2.024	2.996	3.8	21.2
12 17	5 35.66	+24 5.2	2.016	3.000	0.4	20.9
12 27	5 26.57	+24 4.4	2.038	3.004	4.2	21.2
1 6	5 18.60	+24 1.9	2.088	3.008	8.0	21.5
1 16	5 12.54	+23 59.0	2.165	3.012	11.2	21.7

32887 1993 TT_{26} 12 16.4 115.°57 1.°3/16.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 9.67	+20 8.5	1.897	2.667	15.9	19.9
11 17	6 4.38	+20 0.3	1.824	2.685	12.6	19.7
11 27	5 56.40	+19 53.5	1.774	2.703	8.7	19.5
12 7	5 46.45	+19 47.7	1.749	2.720	4.4	19.3
12 17	5 35.56	+19 42.7	1.754	2.736	1.3	19.1
12 27	5 24.98	+19 39.1	1.788	2.752	5.0	19.4
1 6	5 15.85	+19 37.7	1.851	2.768	9.0	19.7
1 16	5 9.01	+19 39.5	1.940	2.782	12.5	19.9

85718 1998 SG_{58} 12 16.4 126.°24 4.°2/16.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 12.95	+32 42.8	1.728	2.496	17.3	19.9
11 17	6 7.83	+33 19.8	1.653	2.507	14.0	19.7
11 27	5 59.28	+33 50.5	1.597	2.517	10.2	19.5
12 7	5 48.05	+34 9.5	1.566	2.527	6.3	19.3
12 17	5 35.44	+34 12.7	1.563	2.536	4.2	19.2
12 27	5 23.12	+33 59.6	1.589	2.545	6.5	19.3
1 6	5 12.63	+33 33.1	1.641	2.554	10.3	19.6
1 16	5 5.07	+32 58.8	1.719	2.562	13.9	19.8

79944 1999 CK_{86} 12 16.4 344.°61 1.°4/16.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 2.30	+19 26.8	1.553	2.353	17.6	19.1
11 17	5 59.54	+19 29.7	1.468	2.346	14.1	18.9
11 27	5 53.69	+19 36.4	1.403	2.339	9.8	18.6
12 7	5 45.37	+19 46.5	1.361	2.333	5.1	18.3
12 17	5 35.63	+19 59.3	1.345	2.328	1.5	18.1
12 27	5 25.91	+20 14.4	1.357	2.324	5.8	18.4
1 6	5 17.65	+20 31.8	1.395	2.320	10.6	18.6
1 16	5 11.92	+20 51.6	1.456	2.318	14.8	18.9

523295 2017 BP_{80} 12 16.4 98.°58 2.°1/16.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 4.78	+17 23.1	2.019	2.793	15.0	21.8
11 17	6 0.49	+17 16.9	1.938	2.801	11.9	21.6
11 27	5 53.76	+17 14.2	1.879	2.808	8.3	21.4
12 7	5 45.18	+17 15.4	1.846	2.815	4.5	21.2
12 17	5 35.65	+17 20.5	1.842	2.822	2.1	21.0
12 27	5 26.28	+17 29.5	1.867	2.829	5.0	21.2
1 6	5 18.10	+17 42.5	1.920	2.836	8.8	21.5
1 16	5 11.94	+17 59.5	1.999	2.843	12.2	21.7

190258 2007 HC_{67} 12 16.4 258.°95 3.°1/16.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 2.70	+14 9.2	2.492	3.253	12.8	20.9
11 17	5 58.54	+13 50.4	2.383	3.236	10.3	20.7
11 27	5 52.31	+13 35.6	2.297	3.218	7.5	20.5
12 7	5 44.47	+13 25.9	2.238	3.201	4.5	20.3
12 17	5 35.70	+13 22.2	2.209	3.182	3.1	20.1
12 27	5 26.86	+13 25.5	2.209	3.164	5.1	20.2
1 6	5 18.84	+13 35.7	2.239	3.145	8.2	20.4
1 16	5 12.37	+13 52.6	2.295	3.126	11.3	20.6

307509 2003 AR 12 16.4 20.°30 2.°6/16.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 2.26	+17 29.4	1.425	2.230	18.7	20.1
11 17	5 59.46	+17 17.6	1.358	2.238	14.9	19.8
11 27	5 53.53	+17 10.8	1.310	2.247	10.4	19.6
12 7	5 45.20	+17 9.6	1.286	2.257	5.6	19.4
12 17	5 35.66	+17 14.5	1.287	2.267	2.7	19.2
12 27	5 26.39	+17 25.4	1.314	2.279	6.3	19.5
1 6	5 18.78	+17 42.2	1.367	2.292	10.8	19.8
1 16	5 13.78	+18 4.5	1.443	2.305	14.9	20.0

329128 2011 CW_{70} 12 16.4 341.°39 1.°2/16.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 1.87	+20 53.3	1.929	2.715	15.2	20.7
11 17	5 58.51	+20 41.4	1.839	2.709	12.1	20.5
11 27	5 52.59	+20 30.0	1.770	2.704	8.4	20.3
12 7	5 44.68	+20 19.2	1.727	2.699	4.3	20.0
12 17	5 35.69	+20 9.2	1.711	2.694	1.2	19.8
12 27	5 26.77	+20 0.7	1.724	2.690	4.9	20.0
1 6	5 19.04	+19 54.9	1.765	2.687	9.0	20.3
1 16	5 13.39	+19 52.8	1.831	2.683	12.7	20.5

436115 2009 TZ_{1} 12 16.4 66.°88 1.°1/16.4 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 12.43	+25 15.7	1.372	2.164	19.9	21.0
11 17	6 7.51	+25 29.9	1.319	2.191	15.7	20.8
11 27	5 58.98	+25 42.3	1.285	2.219	10.8	20.6
12 7	5 47.81	+25 49.8	1.274	2.246	5.4	20.3
12 17	5 35.50	+25 50.3	1.290	2.273	1.1	20.1
12 27	5 23.83	+25 44.1	1.333	2.300	5.8	20.5
1 6	5 14.35	+25 33.7	1.403	2.327	10.7	20.8
1 16	5 8.00	+25 22.5	1.497	2.354	14.8	21.2

229897 2009 VL_{22} 12 16.4 198.°85 1.°7/16.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 2.73	+18 19.9	2.636	3.398	12.1	20.9
11 17	5 58.33	+18 1.9	2.540	3.396	9.7	20.7
11 27	5 52.01	+17 45.2	2.468	3.394	6.7	20.5
12 7	5 44.26	+17 30.3	2.423	3.391	3.6	20.3
12 17	5 35.74	+17 17.8	2.408	3.388	1.8	20.2
12 27	5 27.28	+17 8.4	2.423	3.384	4.2	20.3
1 6	5 19.69	+17 2.9	2.469	3.381	7.3	20.5
1 16	5 13.63	+17 1.8	2.541	3.377	10.2	20.7

249947 2001 TU_{196} 12 16.4 59.°00 3.°8/16.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.70	+12 42.9	1.755	2.531	16.8	20.3
11 17	6 1.34	+12 38.8	1.692	2.553	13.5	20.2
11 27	5 54.36	+12 43.0	1.650	2.574	9.6	20.0
12 7	5 45.46	+12 56.5	1.633	2.596	5.8	19.8
12 17	5 35.66	+13 19.1	1.643	2.618	3.8	19.7
12 27	5 26.17	+13 50.1	1.682	2.640	6.1	19.9
1 6	5 18.11	+14 27.8	1.749	2.662	9.7	20.2
1 16	5 12.28	+15 10.5	1.840	2.684	13.1	20.4

420082 2011 EE_{43} 12 16.4 259.°09 0.°1/16.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 3.38	+24 16.5	2.431	3.199	12.9	21.4
11 17	5 59.19	+24 10.7	2.330	3.190	10.2	21.2
11 27	5 52.79	+24 3.1	2.251	3.181	7.1	21.0
12 7	5 44.72	+23 53.1	2.200	3.172	3.5	20.8
12 17	5 35.71	+23 40.3	2.178	3.162	0.3	20.5
12 27	5 26.73	+23 25.2	2.186	3.152	4.0	20.8
1 6	5 18.72	+23 9.2	2.224	3.143	7.6	21.0
1 16	5 12.45	+22 54.0	2.289	3.133	10.8	21.2

310847 2003 AM_{66} 12 16.4 345°.10 6°.2/16.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 5.66	+35 19.1	1.574	2.358	18.1	19.9
11 17	6 2.85	+36 17.4	1.490	2.351	14.9	19.7
11 27	5 56.37	+37 9.0	1.425	2.344	11.3	19.4
12 7	5 46.86	+37 47.2	1.384	2.338	7.8	19.2
12 17	5 35.56	+38 5.9	1.368	2.333	6.2	19.1
12 27	5 24.26	+38 2.8	1.378	2.328	8.1	19.2
1 6	5 14.76	+37 40.2	1.413	2.325	11.7	19.4
1 16	5 8.37	+37 4.3	1.471	2.322	15.3	19.6

274262 2008 PT 12 16.4 135°.46 3°.0/16.1 18

11 7	6 8.58	+15 51.9	1.969	2.735	15.6	21.8
11 17	6 3.43	+15 30.6	1.891	2.748	12.4	21.6
11 27	5 55.73	+15 13.2	1.836	2.760	8.8	21.4
12 7	5 46.15	+15 0.7	1.807	2.772	5.0	21.2
12 17	5 35.63	+14 54.0	1.806	2.783	3.0	21.1
12 27	5 25.35	+14 53.7	1.836	2.794	5.6	21.3
1 6	5 16.38	+15 0.0	1.894	2.804	9.3	21.5
1 16	5 9.55	+15 13.0	1.977	2.813	12.6	21.8

31011 1996 CG_{7} 12 16.4 310°.19 0°.2/16.4 18

11 7	6 6.57	+23 17.6	1.262	2.071	20.4	18.4
11 17	6 3.84	+23 15.3	1.179	2.062	16.4	18.1
11 27	5 57.21	+23 12.6	1.114	2.053	11.5	17.8
12 7	5 47.33	+23 8.1	1.071	2.044	5.8	17.5
12 17	5 35.54	+23 0.4	1.052	2.036	0.4	17.0
12 27	5 23.75	+22 49.8	1.059	2.028	6.6	17.5
1 6	5 13.88	+22 38.8	1.091	2.021	12.4	17.8
1 16	5 7.32	+22 30.2	1.145	2.014	17.5	18.0

396420 2014 ES_{29} 12 16.4 230°.23 2°.0/16.5 18

11 7	6 9.34	+27 56.2	2.024	2.791	15.2	21.8
11 17	6 4.60	+28 16.4	1.923	2.781	12.2	21.6
11 27	5 56.94	+28 34.0	1.844	2.770	8.6	21.3
12 7	5 46.95	+28 46.1	1.790	2.758	4.7	21.1
12 17	5 35.57	+28 50.0	1.765	2.746	2.0	20.9
12 27	5 24.14	+28 44.9	1.770	2.734	5.1	21.1
1 6	5 13.99	+28 32.4	1.804	2.721	9.2	21.3
1 16	5 6.16	+28 15.5	1.863	2.707	12.9	21.5

182223 2000 YC_{2} 12 16.4 34°.81 0°.3/15.9 08 C

11 7	5 39.15	+11 2.8	43.795	44.542	0.8	24.1
11 17	5 38.53	+11 0.2	43.709	44.551	0.7	24.1
11 27	5 37.83	+10 58.1	43.650	44.560	0.5	24.0
12 7	5 37.07	+10 56.3	43.618	44.569	0.3	24.0
12 17	5 36.28	+10 55.1	43.616	44.578	0.3	24.0
12 27	5 35.49	+10 54.3	43.645	44.587	0.4	24.0
1 6	5 34.74	+10 54.1	43.703	44.596	0.5	24.1
1 16	5 34.05	+10 54.4	43.789	44.604	0.7	24.1

217730 1999 XC_{114} 12 16.4 42°.57 8°.6/17.8 18

11 7	6 12.56	+43 45.1	1.731	2.479	18.1	19.2
11 17	6 7.96	+44 53.2	1.677	2.503	15.2	19.1
11 27	5 59.53	+45 46.5	1.642	2.527	12.3	18.9
12 7	5 48.20	+46 17.3	1.629	2.552	9.7	18.8
12 17	5 35.51	+46 20.4	1.642	2.577	8.6	18.8
12 27	5 23.37	+45 55.4	1.681	2.602	9.4	18.9
1 6	5 13.49	+45 7.4	1.745	2.628	11.6	19.1
1 16	5 6.91	+44 4.7	1.832	2.654	14.1	19.3

514574 1999 TM_{309} 12 16.4 112°.63 6°.5/16.9 18

11 7	6 14.48	+39 1.0	1.988	2.733	16.1	22.3
11 17	6 8.94	+40 6.0	1.916	2.748	13.4	22.2
11 27	6 0.01	+41 1.8	1.865	2.762	10.4	22.0
12 7	5 48.44	+41 41.6	1.839	2.777	7.7	21.9
12 17	5 35.49	+42 0.2	1.840	2.791	6.5	21.8
12 27	5 22.78	+41 56.0	1.870	2.804	7.7	21.9
1 6	5 11.86	+41 32.1	1.927	2.817	10.3	22.1
1 16	5 3.80	+40 54.5	2.009	2.830	13.0	22.3

185594 2008 BG_{42} 12 16.4 272°.99 5°.5/16.7 18

11 7	6 9.26	+36 52.6	2.074	2.829	15.2	20.3
11 17	6 4.92	+37 37.3	1.970	2.812	12.6	20.1
11 27	5 57.41	+38 15.0	1.887	2.795	9.7	19.8
12 7	5 47.28	+38 40.2	1.829	2.777	6.8	19.6
12 17	5 35.57	+38 48.3	1.799	2.760	5.5	19.5
12 27	5 23.73	+38 37.2	1.796	2.742	7.0	19.6
1 6	5 13.26	+38 8.9	1.822	2.724	10.1	19.7
1 16	5 5.33	+37 28.3	1.872	2.706	13.3	19.9

479414 2013 YY_{66} 12 16.4 343°.51 5°.8/16.5 18

11 7	6 3.98	+31 46.8	1.168	1.984	21.3	21.1
11 17	6 2.59	+32 47.3	1.090	1.973	17.5	20.8
11 27	5 56.84	+33 44.0	1.030	1.964	12.9	20.5
12 7	5 47.35	+34 29.3	0.991	1.956	8.2	20.2
12 17	5 35.56	+34 55.6	0.975	1.949	5.8	20.1
12 27	5 23.72	+34 59.2	0.983	1.943	8.7	20.2
1 6	5 14.10	+34 42.6	1.013	1.939	13.6	20.4
1 16	5 8.30	+34 12.7	1.064	1.936	18.3	20.7

447185 2005 SP_{99} 12 16.4 43°.69 2°.7/15.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 4.66	+18 51.2	1.660	2.449	17.1	20.6
11 17	6 0.70	+18 8.6	1.597	2.468	13.5	20.5
11 27	5 53.99	+17 27.3	1.555	2.488	9.4	20.3
12 7	5 45.30	+16 49.0	1.538	2.508	5.1	20.1
12 17	5 35.74	+16 15.8	1.548	2.528	2.8	20.0
12 27	5 26.58	+15 49.9	1.587	2.549	5.9	20.2
1 6	5 18.96	+15 32.6	1.652	2.570	9.9	20.5
1 16	5 13.69	+15 24.7	1.742	2.591	13.4	20.7

388147 2005 WF_{155} 12 16.4 299°.90 0°.5/16.4 18

11 7	6 5.74	+25 0.9	1.532	2.327	18.0	21.4
11 17	6 2.62	+24 58.5	1.436	2.311	14.5	21.1
11 27	5 56.07	+24 53.8	1.360	2.295	10.2	20.8
12 7	5 46.70	+24 45.1	1.307	2.280	5.2	20.5
12 17	5 35.62	+24 30.9	1.280	2.264	0.6	20.1
12 27	5 24.45	+24 12.0	1.281	2.249	5.9	20.5
1 6	5 14.84	+23 50.5	1.307	2.234	11.1	20.7
1 16	5 8.05	+23 30.2	1.357	2.219	15.7	21.0

387993 2005 QA_{78} 12 16.4 27°.55 2°.0/16.3 18

11 7	6 3.95	+20 9.0	1.087	1.911	22.0	20.5
11 17	6 1.64	+19 52.0	1.033	1.924	17.5	20.3
11 27	5 55.42	+19 37.8	0.997	1.939	12.1	20.1
12 7	5 46.25	+19 26.7	0.981	1.955	6.2	19.8
12 17	5 35.68	+19 19.3	0.989	1.972	2.0	19.6
12 27	5 25.65	+19 16.5	1.022	1.991	6.9	20.0
1 6	5 17.84	+19 19.1	1.079	2.010	12.3	20.3
1 16	5 13.33	+19 27.9	1.156	2.030	16.9	20.7

459919 2014 MV_{38} 12 16.4 27°.33 8°.5/18.7 16

11 7	6 6.82	− 1 5.6	1.389	2.148	21.2	19.8
11 17	6 2.62	− 0 39.4	1.343	2.178	17.8	19.7
11 27	5 55.40	+ 0 12.4	1.315	2.210	14.0	19.5
12 7	5 46.02	+ 1 31.4	1.308	2.242	10.5	19.4
12 17	5 35.71	+ 3 15.4	1.326	2.276	8.5	19.4
12 27	5 25.92	+ 5 18.4	1.372	2.311	9.5	19.5
1 6	5 17.91	+ 7 31.8	1.444	2.346	12.2	19.8
1 16	5 12.50	+ 9 47.3	1.541	2.383	15.3	20.1

75126 1999 VU_{65} 12 16.4 183°.91 5°.4/15.2 18

11 7	6 6.05	+10 25.9	2.250	3.003	14.2	20.4
11 17	6 1.16	+ 9 17.0	2.161	3.004	11.7	20.2
11 27	5 54.06	+ 8 12.3	2.095	3.003	8.8	20.0
12 7	5 45.33	+ 7 15.2	2.056	3.003	6.3	19.8
12 17	5 35.76	+ 6 29.1	2.046	3.002	5.5	19.8
12 27	5 26.30	+ 5 56.9	2.066	3.000	7.1	19.9
1 6	5 17.89	+ 5 39.6	2.114	2.998	9.8	20.1
1 16	5 11.26	+ 5 36.8	2.187	2.995	12.6	20.2

134139 2005 AK_{31} 12 16.4 259°.74 3°.9/16.7 18

11 7	6 6.51	+11 13.5	1.818	2.587	16.6	20.1
11 17	6 2.32	+11 26.1	1.727	2.582	13.5	19.9
11 27	5 55.35	+11 49.8	1.656	2.578	9.8	19.7
12 7	5 46.17	+12 25.2	1.611	2.573	6.0	19.5
12 17	5 35.69	+13 11.9	1.593	2.568	3.9	19.3
12 27	5 25.17	+14 8.1	1.605	2.562	6.3	19.5
1 6	5 15.85	+15 11.1	1.644	2.557	10.2	19.7
1 16	5 8.73	+16 18.2	1.709	2.552	13.9	19.9

292591 2006 TQ_{101} 12 16.4 329°.29 0°.1/16.4 18

11 7	6 5.01	+23 53.5	1.886	2.668	15.6	21.5
11 17	6 1.10	+23 47.8	1.798	2.666	12.4	21.2
11 27	5 54.44	+23 40.6	1.731	2.664	8.6	21.0
12 7	5 45.66	+23 31.0	1.690	2.662	4.3	20.7
12 17	5 35.73	+23 18.6	1.676	2.660	0.3	20.4
12 27	5 25.92	+23 3.9	1.692	2.659	4.9	20.8
1 6	5 17.43	+22 48.7	1.735	2.657	9.1	21.0
1 16	5 11.19	+22 35.1	1.804	2.656	12.9	21.3

409705 2006 BS_{121} 12 16.4 316°.42 1°.9/16.6 17

11 7	6 4.93	+29 2.0	2.177	2.947	14.1	21.6
11 17	6 0.77	+29 11.5	2.086	2.945	11.3	21.4
11 27	5 54.07	+29 16.8	2.017	2.943	8.0	21.2
12 7	5 45.43	+29 15.8	1.973	2.941	4.4	21.0
12 17	5 35.76	+29 6.9	1.959	2.939	1.9	20.8
12 27	5 26.18	+28 50.4	1.974	2.938	4.6	21.0
1 6	5 17.81	+28 28.0	2.017	2.936	8.3	21.2
1 16	5 11.49	+28 2.7	2.087	2.934	11.6	21.4

330247 2006 QT_{183} 12 16.4 136°.01 5°.3/16.9 18

11 7	6 12.32	+37 37.8	2.245	2.987	14.6	21.4
11 17	6 6.77	+38 27.4	2.165	2.998	12.0	21.2
11 27	5 58.28	+39 8.9	2.108	3.009	9.2	21.0
12 7	5 47.55	+39 37.2	2.075	3.019	6.5	20.9
12 17	5 35.62	+39 48.3	2.071	3.028	5.3	20.8
12 27	5 23.87	+39 41.2	2.097	3.037	6.6	20.9
1 6	5 13.60	+39 18.1	2.151	3.046	9.1	21.1
1 16	5 5.77	+38 43.9	2.230	3.054	11.8	21.3

352264 2007 TG_{222} 12 16.4 101°.77 1°.0/16.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 8.20	+20 47.0	1.943	2.715	15.5	21.8
11 17	6 3.21	+20 42.4	1.871	2.733	12.3	21.6
11 27	5 55.62	+20 38.9	1.821	2.751	8.5	21.4
12 7	5 46.13	+20 35.9	1.797	2.768	4.3	21.2
12 17	5 35.72	+20 33.0	1.802	2.785	1.0	21.0
12 27	5 25.61	+20 30.7	1.837	2.802	4.8	21.3
1 6	5 16.89	+20 29.7	1.900	2.818	8.7	21.5
1 16	5 10.37	+20 31.3	1.989	2.834	12.2	21.8

327136 2005 EV_{195} 12 16.4 98°.98 5°.0/16.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 9.52	+13 18.0	1.537	2.317	18.7	20.7
11 17	6 4.72	+12 33.5	1.473	2.334	15.0	20.5
11 27	5 56.88	+11 55.6	1.428	2.352	10.9	20.3
12 7	5 46.81	+11 27.2	1.408	2.369	6.8	20.1
12 17	5 35.68	+11 10.6	1.414	2.385	5.0	20.1
12 27	5 24.95	+11 7.2	1.449	2.401	7.5	20.2
1 6	5 15.92	+11 16.9	1.509	2.417	11.3	20.5
1 16	5 9.49	+11 38.2	1.593	2.432	15.0	20.8

136214 2003 WM_{50} 12 16.4 80°.87 3°.7/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 15.31	+32 5.7	1.420	2.200	19.9	20.0
11 17	6 10.00	+32 21.1	1.361	2.224	16.0	19.8
11 27	6 0.82	+32 27.7	1.322	2.247	11.4	19.6
12 7	5 48.80	+32 20.9	1.306	2.271	6.6	19.4
12 17	5 35.55	+31 58.0	1.316	2.294	3.7	19.2
12 27	5 23.00	+31 20.4	1.354	2.316	6.6	19.5
1 6	5 12.81	+30 33.5	1.419	2.339	10.9	19.8
1 16	5 5.99	+29 44.1	1.507	2.360	14.9	20.1

17580 1994 VV 12 16.4 3°.54 4°.7/14.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.82	+18 1.6	1.698	2.481	17.0	17.3
11 17	6 2.50	+16 20.0	1.614	2.480	13.7	17.1
11 27	5 55.33	+14 34.9	1.553	2.480	9.8	16.9
12 7	5 46.06	+12 50.7	1.517	2.481	6.1	16.7
12 17	5 35.73	+11 13.6	1.511	2.481	4.8	16.6
12 27	5 25.69	+ 9 49.6	1.533	2.482	7.5	16.7
1 6	5 17.14	+ 8 43.3	1.582	2.483	11.4	17.0
1 16	5 10.96	+ 7 56.5	1.655	2.485	15.0	17.2

55632 2002 TR_{282} 12 16.4 331°.19 7°.7/16.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.81	+39 8.8	1.698	2.465	17.7	19.1
11 17	6 5.40	+40 20.9	1.613	2.457	14.8	18.9
11 27	5 58.20	+41 24.6	1.546	2.450	11.7	18.7
12 7	5 47.85	+42 12.0	1.503	2.443	8.9	18.5
12 17	5 35.60	+42 36.2	1.486	2.437	7.7	18.4
12 27	5 23.29	+42 33.9	1.494	2.431	9.1	18.5
1 6	5 12.80	+42 7.8	1.528	2.425	12.0	18.7
1 16	5 5.51	+41 24.6	1.585	2.420	15.3	18.9

235283 2003 UC_{29} 12 16.4 351°.21 6°.3/14.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	5 59.59	+12 12.7	1.721	2.510	16.6	19.7
11 17	5 56.85	+10 47.2	1.637	2.503	13.6	19.4
11 27	5 51.52	+ 9 24.7	1.575	2.497	10.2	19.2
12 7	5 44.22	+ 8 10.2	1.538	2.491	7.3	19.0
12 17	5 35.86	+ 7 8.8	1.527	2.487	6.3	19.0
12 27	5 27.63	+ 6 25.0	1.543	2.483	8.4	19.1
1 6	5 20.64	+ 6 0.5	1.584	2.481	11.7	19.3
1 16	5 15.75	+ 5 55.0	1.648	2.480	14.9	19.5

325746 2009 WV_{12} 12 16.4 214°.39 1°.6/16.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.51	+26 36.8	2.448	3.211	13.0	21.0
11 17	6 0.98	+27 11.8	2.352	3.208	10.3	20.8
11 27	5 54.13	+27 46.0	2.279	3.205	7.2	20.6
12 7	5 45.47	+28 17.1	2.233	3.202	3.9	20.4
12 17	5 35.78	+28 42.7	2.217	3.198	1.7	20.3
12 27	5 26.08	+29 1.4	2.232	3.195	4.3	20.4
1 6	5 17.35	+29 13.6	2.276	3.191	7.7	20.7
1 16	5 10.44	+29 20.5	2.347	3.187	10.7	20.8

423794 2006 HP_{28} 12 16.4 180°.11 9°.1/13.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 1.43	− 6 58.2	2.880	3.566	12.8	21.2
11 17	5 57.06	− 8 34.8	2.803	3.566	11.4	21.1
11 27	5 51.04	− 9 59.6	2.750	3.567	10.1	21.0
12 7	5 43.79	−11 7.7	2.721	3.567	9.3	21.0
12 17	5 35.91	−11 55.2	2.718	3.567	9.2	20.9
12 27	5 28.08	−12 19.8	2.741	3.566	9.8	21.0
1 6	5 21.00	−12 21.8	2.788	3.566	11.0	21.1
1 16	5 15.22	−12 3.4	2.858	3.565	12.3	21.2

492968 2014 SL_{135} 12 16.4 284°.78 3°.6/16.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 1.53	+11 53.9	2.390	3.153	13.2	20.8
11 17	5 57.63	+11 41.8	2.297	3.148	10.7	20.6
11 27	5 51.70	+11 36.0	2.225	3.144	7.8	20.4
12 7	5 44.22	+11 37.7	2.180	3.139	5.0	20.2
12 17	5 35.88	+11 47.7	2.164	3.134	3.6	20.1
12 27	5 27.57	+12 6.2	2.177	3.129	5.4	20.2
1 6	5 20.14	+12 32.5	2.219	3.125	8.3	20.4
1 16	5 14.30	+13 5.7	2.287	3.120	11.2	20.6

347884 2002 TE_{156} 12 16.4 57°.08 1°.3/16.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 4.57	+28 31.0	2.262	3.031	13.7	20.7
11 17	6 0.23	+28 23.4	2.179	3.038	10.9	20.5
11 27	5 53.53	+28 11.1	2.117	3.045	7.6	20.3
12 7	5 45.11	+27 52.7	2.083	3.052	4.0	20.1
12 17	5 35.83	+27 27.8	2.077	3.059	1.3	19.9
12 27	5 26.77	+26 57.5	2.101	3.066	4.2	20.1
1 6	5 18.91	+26 24.0	2.154	3.074	7.8	20.4
1 16	5 13.00	+25 50.2	2.234	3.081	10.9	20.6

486476 2013 GJ_{70} 12 16.4 248°.75 5°.6/16.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 11.10	+36 48.2	2.255	3.000	14.4	21.9
11 17	6 6.21	+37 52.3	2.151	2.986	12.0	21.7
11 27	5 58.26	+38 51.3	2.068	2.971	9.2	21.5
12 7	5 47.76	+39 39.5	2.012	2.955	6.7	21.3
12 17	5 35.64	+40 11.4	1.983	2.939	5.6	21.2
12 27	5 23.29	+40 24.1	1.985	2.923	7.0	21.2
1 6	5 12.16	+40 18.5	2.014	2.906	9.8	21.4
1 16	5 3.43	+39 58.8	2.068	2.889	12.7	21.5

20571 Tiamorrison 12 16.4 207°.89 1°.4/16.3 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 9.17	+20 35.2	1.676	2.457	17.3	18.8
11 17	6 4.75	+20 23.5	1.587	2.454	13.8	18.5
11 27	5 57.19	+20 12.8	1.518	2.450	9.7	18.3
12 7	5 47.15	+20 2.8	1.474	2.445	5.0	18.0
12 17	5 35.70	+19 53.5	1.458	2.441	1.4	17.7
12 27	5 24.32	+19 45.4	1.470	2.435	5.7	18.0
1 6	5 14.43	+19 40.0	1.510	2.430	10.4	18.3
1 16	5 7.12	+19 38.8	1.574	2.423	14.6	18.5

438228 2005 UH_{474} 12 16.4 252°.57 0°.4/16.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.33	+23 27.0	1.765	2.545	16.6	21.9
11 17	6 4.19	+23 39.6	1.666	2.532	13.3	21.6
11 27	5 56.92	+23 53.0	1.587	2.519	9.3	21.3
12 7	5 47.09	+24 5.0	1.533	2.505	4.7	21.0
12 17	5 35.70	+24 13.7	1.507	2.491	0.5	20.7
12 27	5 24.19	+24 18.4	1.510	2.477	5.4	21.0
1 6	5 14.03	+24 19.8	1.541	2.463	10.1	21.2
1 16	5 6.38	+24 20.1	1.596	2.448	14.3	21.5

153027 2000 OP 12 16.4 171°.37 0°.4/16.4 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 9.22	+22 4.7	2.142	2.906	14.5	21.2
11 17	6 4.00	+22 7.6	2.052	2.910	11.6	21.0
11 27	5 56.23	+22 10.9	1.985	2.913	8.0	20.8
12 7	5 46.51	+22 13.4	1.945	2.916	4.0	20.5
12 17	5 35.75	+22 14.3	1.934	2.918	0.5	20.3
12 27	5 25.10	+22 13.6	1.954	2.919	4.5	20.6
1 6	5 15.66	+22 12.2	2.003	2.920	8.4	20.8
1 16	5 8.30	+22 11.5	2.079	2.920	11.9	21.0

365330 2009 SX_{164} 12 16.4 114°.68 4°.7/15.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 2.56	+10 19.3	2.366	3.124	13.5	20.8
11 17	5 58.29	+ 9 34.5	2.286	3.132	11.0	20.7
11 27	5 52.03	+ 8 55.4	2.229	3.140	8.2	20.5
12 7	5 44.33	+ 8 24.6	2.198	3.148	5.7	20.4
12 17	5 35.91	+ 8 4.2	2.196	3.156	4.7	20.3
12 27	5 27.64	+ 7 55.4	2.223	3.163	6.2	20.4
1 6	5 20.34	+ 7 58.4	2.279	3.171	8.8	20.6
1 16	5 14.66	+ 8 12.3	2.359	3.178	11.4	20.8

85461 1997 HP_{12} 12 16.4 267°.25 2°.1/16.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.26	+19 33.2	1.681	2.466	17.1	20.5
11 17	6 3.42	+19 11.0	1.579	2.447	13.8	20.2
11 27	5 56.44	+18 49.5	1.497	2.429	9.8	19.9
12 7	5 46.87	+18 29.2	1.439	2.410	5.2	19.6
12 17	5 35.73	+18 11.0	1.409	2.391	2.1	19.4
12 27	5 24.44	+17 56.1	1.407	2.371	6.1	19.6
1 6	5 14.48	+17 46.3	1.432	2.351	10.9	19.8
1 16	5 7.03	+17 43.3	1.481	2.331	15.3	20.0

239803 1995 WE_{4} 12 16.4 109°.79 0°.7/16.4 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 16.55	+20 26.7	1.659	2.426	18.0	22.3
11 17	6 10.13	+20 41.9	1.596	2.454	14.2	22.1
11 27	6 0.54	+20 59.7	1.554	2.482	9.8	21.9
12 7	5 48.62	+21 18.1	1.538	2.509	4.9	21.6
12 17	5 35.64	+21 35.1	1.551	2.534	0.8	21.4
12 27	5 23.14	+21 49.8	1.594	2.559	5.3	21.8
1 6	5 12.49	+22 2.9	1.665	2.582	9.8	22.1
1 16	5 4.61	+22 15.7	1.762	2.604	13.6	22.4

484253 2007 FW_{46} 12 16.4 160°.55 3°.5/16.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.48	+34 12.5	2.732	3.476	12.2	22.3
11 17	6 2.37	+34 50.1	2.642	3.481	9.9	22.2
11 27	5 54.98	+35 22.4	2.576	3.485	7.3	22.0
12 7	5 45.87	+35 46.2	2.536	3.490	4.8	21.8
12 17	5 35.82	+35 58.9	2.526	3.493	3.5	21.8
12 27	5 25.83	+35 59.7	2.547	3.497	4.9	21.9
1 6	5 16.89	+35 49.7	2.597	3.500	7.4	22.0
1 16	5 9.76	+35 31.7	2.675	3.502	10.0	22.2

105387 2000 QL_{138} 12 16.4 28°.48 5°.1/16.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 8.03	+31 1.6	1.072	1.889	22.7	18.8
11 17	6 5.71	+31 53.2	1.014	1.898	18.4	18.6
11 27	5 58.80	+32 39.0	0.973	1.908	13.3	18.3
12 7	5 48.20	+33 11.6	0.952	1.919	8.0	18.1
12 17	5 35.66	+33 24.6	0.954	1.931	5.1	18.0
12 27	5 23.60	+33 16.5	0.981	1.944	8.3	18.2
1 6	5 14.18	+32 51.9	1.030	1.957	13.2	18.5
1 16	5 8.73	+32 18.4	1.100	1.972	17.8	18.8

101174 1998 SZ_4 12 16.4 52°.15 1°.8/16.4 18 R

11 7	6 8.03	+19 7.6	1.298	2.100	20.3	19.2
11 17	6 4.27	+19 5.7	1.239	2.118	16.1	19.0
11 27	5 56.96	+19 8.1	1.199	2.136	11.1	18.7
12 7	5 46.99	+19 14.2	1.182	2.154	5.7	18.5
12 17	5 35.75	+19 23.3	1.190	2.173	1.8	18.3
12 27	5 24.97	+19 35.1	1.225	2.192	6.3	18.6
1 6	5 16.19	+19 49.6	1.286	2.212	11.3	19.0
1 16	5 10.44	+20 7.4	1.369	2.231	15.6	19.3

314894 2006 VL_{70} 12 16.4 352°.81 1°.3/16.3 18

11 7	6 3.74	+21 17.8	1.776	2.564	16.2	21.1
11 17	6 0.21	+20 58.9	1.691	2.562	12.9	20.8
11 27	5 53.90	+20 39.9	1.627	2.561	9.0	20.6
12 7	5 45.45	+20 20.8	1.587	2.559	4.6	20.3
12 17	5 35.85	+20 2.3	1.575	2.558	1.3	20.1
12 27	5 26.38	+19 45.5	1.592	2.558	5.2	20.4
1 6	5 18.26	+19 32.2	1.635	2.557	9.6	20.6
1 16	5 12.42	+19 23.7	1.703	2.557	13.4	20.9

21557 Daniellitt 12 16.4 139°.54 2°.0/16.8 18 R

11 7	6 6.13	+30 18.6	2.373	3.134	13.4	17.3
11 17	6 1.42	+30 17.9	2.284	3.138	10.7	17.2
11 27	5 54.36	+30 11.7	2.218	3.142	7.6	17.0
12 7	5 45.55	+29 58.2	2.179	3.145	4.2	16.8
12 17	5 35.86	+29 36.5	2.169	3.149	2.0	16.6
12 27	5 26.34	+29 7.2	2.189	3.152	4.3	16.8
1 6	5 18.01	+28 32.7	2.238	3.155	7.7	17.0
1 16	5 11.62	+27 56.1	2.315	3.158	10.7	17.2

322953 2002 HP_{18} 12 16.4 125°.36 1°.6/16.6 18

11 7	6 6.17	+28 24.0	2.698	3.453	12.1	22.0
11 17	6 1.09	+28 42.4	2.616	3.467	9.6	21.8
11 27	5 53.94	+28 57.9	2.558	3.481	6.7	21.7
12 7	5 45.29	+29 8.4	2.527	3.494	3.6	21.5
12 17	5 35.88	+29 12.6	2.526	3.507	1.7	21.3
12 27	5 26.62	+29 10.2	2.557	3.519	3.9	21.5
1 6	5 18.37	+29 2.4	2.617	3.531	6.9	21.7
1 16	5 11.82	+28 51.0	2.705	3.543	9.6	21.9

411009 2009 UY_{79} 12 16.4 24°.29 0°.3/16.4 17

11 7	6 3.80	+25 3.1	1.980	2.760	15.0	21.1
11 17	5 59.96	+24 53.6	1.897	2.764	11.9	20.9
11 27	5 53.55	+24 41.5	1.836	2.768	8.2	20.7
12 7	5 45.21	+24 26.0	1.801	2.773	4.1	20.5
12 17	5 35.88	+24 7.0	1.794	2.777	0.4	20.2
12 27	5 26.74	+23 45.2	1.816	2.783	4.6	20.5
1 6	5 18.89	+23 22.9	1.866	2.788	8.6	20.8
1 16	5 13.15	+23 2.2	1.941	2.794	12.1	21.0

47556 2000 AL_{137} 12 16.4 233°.22 2°.0/16.6 18

11 7	6 4.69	+29 14.2	2.648	3.406	12.2	18.5
11 17	6 0.19	+29 33.2	2.546	3.398	9.8	18.3
11 27	5 53.52	+29 49.0	2.468	3.390	6.9	18.1
12 7	5 45.17	+29 59.6	2.416	3.382	3.9	17.9
12 17	5 35.88	+30 3.3	2.395	3.374	2.0	17.8
12 27	5 26.60	+29 59.6	2.404	3.366	4.2	17.9
1 6	5 18.24	+29 49.5	2.443	3.357	7.3	18.1
1 16	5 11.59	+29 35.1	2.509	3.348	10.2	18.3

199401 2006 BG_{274} 12 16.4 289°.56 0°.7/16.5 18

11 7	6 6.30	+24 58.7	1.658	2.446	17.1	21.3
11 17	6 2.81	+25 3.2	1.561	2.432	13.8	21.1
11 27	5 56.08	+25 6.2	1.484	2.418	9.7	20.8
12 7	5 46.72	+25 5.8	1.431	2.404	4.9	20.5
12 17	5 35.77	+25 0.4	1.406	2.390	0.8	20.2
12 27	5 24.75	+24 49.8	1.408	2.376	5.5	20.5
1 6	5 15.17	+24 35.9	1.437	2.362	10.4	20.7
1 16	5 8.21	+24 21.7	1.490	2.348	14.8	20.9

268291 2005 QX_{71} 12 16.4 143°.62 0°.6/16.3 18

11 7	6 10.62	+22 12.7	1.922	2.690	15.8	21.8
11 17	6 5.29	+22 5.0	1.842	2.702	12.6	21.6
11 27	5 57.18	+21 57.0	1.783	2.712	8.7	21.4
12 7	5 47.00	+21 47.8	1.751	2.722	4.3	21.2
12 17	5 35.77	+21 37.1	1.748	2.732	0.7	20.9
12 27	5 24.79	+21 25.6	1.775	2.740	4.9	21.2
1 6	5 15.24	+21 14.7	1.830	2.748	9.0	21.5
1 16	5 8.02	+21 6.2	1.912	2.755	12.7	21.8

97495 2000 CL_{85} 12 16.4 282°.79 1°.3/16.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 2.68	+19 3.9	2.313	3.084	13.4	19.6
11 17	5 58.78	+19 5.8	2.212	3.074	10.7	19.4
11 27	5 52.65	+19 10.2	2.134	3.063	7.4	19.2
12 7	5 44.78	+19 16.8	2.082	3.052	3.9	19.0
12 17	5 35.91	+19 25.5	2.059	3.041	1.3	18.8
12 27	5 27.01	+19 35.9	2.066	3.031	4.4	19.0
1 6	5 19.04	+19 48.3	2.102	3.020	8.0	19.2
1 16	5 12.80	+20 2.9	2.164	3.009	11.3	19.4

457355 2008 SC_{262} 12 16.4 137°.13 0°.3/16.4 17

11 7	6 4.07	+24 15.4	2.669	3.431	12.0	22.4
11 17	5 59.43	+24 20.2	2.582	3.438	9.5	22.3
11 27	5 52.82	+24 23.8	2.518	3.446	6.5	22.1
12 7	5 44.74	+24 25.5	2.482	3.453	3.3	21.9
12 17	5 35.92	+24 24.4	2.477	3.460	0.4	21.6
12 27	5 27.22	+24 20.7	2.502	3.467	3.6	21.9
1 6	5 19.46	+24 15.2	2.557	3.474	6.8	22.2
1 16	5 13.30	+24 9.3	2.639	3.480	9.7	22.3

133007 Audreysimmons 12 16.4 273°.58 6°.9/15.0 18

11 7	6 0.91	+ 3 57.1	2.429	3.172	13.6	20.3
11 17	5 57.12	+ 2 54.1	2.331	3.158	11.5	20.1
11 27	5 51.36	+ 1 58.9	2.256	3.144	9.3	20.0
12 7	5 44.09	+ 1 15.7	2.206	3.129	7.5	19.8
12 17	5 35.96	+ 0 47.8	2.183	3.115	7.0	19.8
12 27	5 27.82	+ 0 37.5	2.189	3.100	8.1	19.8
1 6	5 20.49	+ 0 45.0	2.221	3.086	10.3	19.9
1 16	5 14.68	+ 1 8.7	2.277	3.071	12.6	20.1

136205 2003 WM_{10} 12 16.4 215°.40 4°.1/16.7 18

11 7	6 12.98	+32 30.0	1.764	2.531	17.1	20.2
11 17	6 8.14	+33 4.1	1.671	2.525	13.9	19.9
11 27	5 59.79	+33 32.7	1.598	2.518	10.2	19.7
12 7	5 48.57	+33 50.4	1.550	2.511	6.3	19.4
12 17	5 35.67	+33 52.8	1.529	2.503	4.1	19.3
12 27	5 22.78	+33 38.5	1.537	2.494	6.6	19.4
1 6	5 11.56	+33 10.1	1.572	2.485	10.6	19.6
1 16	5 3.24	+32 33.2	1.632	2.476	14.5	19.8

17529 1993 FJ_{23} 12 16.4 55°.03 6°.3/15.5 18

11 7	6 2.70	+ 8 38.9	1.965	2.732	15.6	18.3
11 17	5 58.82	+ 7 35.7	1.891	2.739	12.8	18.1
11 27	5 52.61	+ 6 40.0	1.838	2.746	9.8	18.0
12 7	5 44.70	+ 5 55.7	1.810	2.754	7.2	17.8
12 17	5 35.94	+ 5 26.1	1.809	2.762	6.3	17.8
12 27	5 27.37	+ 5 13.3	1.836	2.770	7.8	17.9
1 6	5 19.96	+ 5 17.2	1.890	2.778	10.6	18.1
1 16	5 14.46	+ 5 36.2	1.967	2.786	13.4	18.3

4420 Alandreev 12 16.4 110°.76 1°.9/16.7 18

11 7	6 11.11	+29 44.8	2.344	3.096	13.8	17.6
11 17	6 5.12	+29 49.6	2.272	3.121	10.9	17.4
11 27	5 56.74	+29 49.3	2.223	3.145	7.7	17.3
12 7	5 46.66	+29 41.8	2.202	3.168	4.2	17.1
12 17	5 35.82	+29 26.0	2.210	3.191	1.9	17.0
12 27	5 25.34	+29 2.6	2.250	3.212	4.3	17.2
1 6	5 16.21	+28 34.0	2.320	3.234	7.6	17.4
1 16	5 9.16	+28 3.2	2.417	3.254	10.6	17.6

32616 Nadinehan 12 16.4 71°.08 2°.9/16.6 18

11 7	6 7.61	+29 40.7	1.903	2.677	15.8	19.3
11 17	6 3.32	+30 14.2	1.822	2.682	12.7	19.1
11 27	5 56.08	+30 44.2	1.762	2.688	9.0	18.9
12 7	5 46.57	+31 6.9	1.728	2.694	5.2	18.7
12 17	5 35.83	+31 19.3	1.721	2.699	2.9	18.5
12 27	5 25.22	+31 20.3	1.744	2.705	5.5	18.7
1 6	5 16.07	+31 11.7	1.794	2.711	9.2	19.0
1 16	5 9.35	+30 56.7	1.869	2.717	12.7	19.2

130205 2000 AY_{181} 12 16.4 333°.18 4°.9/15.8 18

11 7	5 59.71	+13 14.6	1.760	2.550	16.3	19.2
11 17	5 57.08	+12 28.9	1.666	2.534	13.2	19.0
11 27	5 51.83	+11 47.7	1.593	2.519	9.8	18.8
12 7	5 44.49	+11 14.1	1.544	2.505	6.4	18.5
12 17	5 35.96	+10 51.0	1.521	2.491	4.9	18.4
12 27	5 27.41	+10 40.8	1.526	2.478	7.2	18.5
1 6	5 20.01	+10 44.1	1.556	2.467	10.9	18.7
1 16	5 14.71	+11 0.4	1.610	2.455	14.5	18.9

336872 2011 FL_{152} 12 16.4 252°.92 3°.4/16.4 18

11 7	6 2.59	+10 44.9	2.687	3.438	12.2	21.2
11 17	5 58.32	+10 44.0	2.580	3.424	9.9	21.0
11 27	5 52.14	+10 50.0	2.497	3.410	7.3	20.8
12 7	5 44.48	+11 3.8	2.440	3.396	4.7	20.6
12 17	5 35.97	+11 25.9	2.413	3.382	3.5	20.5
12 27	5 27.39	+11 56.1	2.417	3.368	5.0	20.6
1 6	5 19.54	+12 33.3	2.450	3.353	7.8	20.7
1 16	5 13.11	+13 16.5	2.511	3.338	10.6	20.9

94837 2001 XN_{194} 12 16.4 328°.09 0°.2/16.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 4.43	+24 11.3	1.433	2.236	18.7	19.1
11 17	6 1.68	+23 57.7	1.346	2.226	15.0	18.8
11 27	5 55.47	+23 41.4	1.278	2.216	10.5	18.5
12 7	5 46.46	+23 21.7	1.233	2.207	5.3	18.2
12 17	5 35.83	+22 58.2	1.214	2.198	0.4	17.8
12 27	5 25.26	+22 32.4	1.222	2.190	6.0	18.2
1 6	5 16.37	+22 7.1	1.255	2.183	11.3	18.5
1 16	5 10.35	+21 45.7	1.310	2.176	15.9	18.7

199654 2006 GL_{38} 12 16.4 169°.81 4°.1/16.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 9.95	+35 35.1	3.024	3.754	11.4	20.4
11 17	6 4.29	+36 42.7	2.930	3.758	9.3	20.2
11 27	5 56.36	+37 46.1	2.861	3.761	7.1	20.1
12 7	5 46.63	+38 41.2	2.820	3.763	5.0	19.9
12 17	5 35.83	+39 24.3	2.810	3.765	4.1	19.9
12 27	5 24.94	+39 53.3	2.831	3.767	5.3	20.0
1 6	5 14.93	+40 8.7	2.882	3.768	7.4	20.1
1 16	5 6.64	+40 12.7	2.960	3.769	9.6	20.3

80566 2000 AG_{111} 12 16.4 7°.58 3°.1/16.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 4.54	+15 25.9	1.232	2.041	20.8	18.9
11 17	6 2.00	+15 34.3	1.160	2.042	16.7	18.7
11 27	5 55.80	+15 52.7	1.106	2.043	11.9	18.4
12 7	5 46.65	+16 21.6	1.074	2.044	6.5	18.1
12 17	5 35.83	+16 59.7	1.066	2.047	3.1	17.9
12 27	5 25.13	+17 44.9	1.084	2.051	7.0	18.2
1 6	5 16.26	+18 34.8	1.127	2.055	12.3	18.5
1 16	5 10.49	+19 27.1	1.191	2.060	16.9	18.7

395668 2011 WK_{99} 12 16.4 209°.25 0°.2/16.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.81	+22 20.6	2.017	2.793	14.9	21.3
11 17	6 1.58	+22 27.0	1.927	2.791	11.9	21.1
11 27	5 54.74	+22 34.1	1.859	2.790	8.2	20.8
12 7	5 45.87	+22 40.7	1.816	2.788	4.1	20.6
12 17	5 35.89	+22 45.7	1.802	2.786	0.3	20.3
12 27	5 25.96	+22 49.1	1.818	2.784	4.6	20.6
1 6	5 17.24	+22 51.4	1.862	2.782	8.7	20.9
1 16	5 10.63	+22 54.0	1.932	2.780	12.3	21.1

300682 2007 VH_{29} 12 16.4 115°.21 1°.2/16.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 9.60	+26 3.6	2.093	2.858	14.8	21.9
11 17	6 4.32	+26 20.4	2.018	2.875	11.7	21.7
11 27	5 56.43	+26 35.3	1.965	2.892	8.1	21.5
12 7	5 46.62	+26 46.0	1.938	2.908	4.2	21.3
12 17	5 35.85	+26 50.7	1.941	2.924	1.2	21.1
12 27	5 25.32	+26 49.3	1.974	2.939	4.5	21.4
1 6	5 16.17	+26 43.2	2.036	2.954	8.3	21.7
1 16	5 9.20	+26 34.5	2.125	2.968	11.6	21.9

259094 2002 VC_{111} 12 16.4 2°.84 0°.4/16.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.59	+25 17.1	1.672	2.461	17.0	19.8
11 17	6 1.86	+24 38.0	1.588	2.460	13.5	19.5
11 27	5 55.11	+23 53.4	1.526	2.460	9.4	19.3
12 7	5 46.08	+23 3.5	1.488	2.461	4.7	19.0
12 17	5 35.89	+22 9.8	1.478	2.461	0.6	18.7
12 27	5 25.94	+21 15.4	1.496	2.463	5.3	19.1
1 6	5 17.56	+20 24.5	1.541	2.464	10.0	19.3
1 16	5 11.69	+19 40.5	1.610	2.466	14.0	19.6

31955 2000 GU_{126} 12 16.4 137°.59 2°.6/16.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.84	+15 51.6	2.002	2.766	15.4	18.8
11 17	6 3.68	+15 42.8	1.923	2.779	12.3	18.6
11 27	5 55.99	+15 38.5	1.866	2.791	8.7	18.4
12 7	5 46.41	+15 39.3	1.836	2.802	4.9	18.2
12 17	5 35.87	+15 45.3	1.834	2.812	2.7	18.0
12 27	5 25.53	+15 56.5	1.862	2.822	5.3	18.2
1 6	5 16.46	+16 12.7	1.920	2.832	9.0	18.5
1 16	5 9.49	+16 33.7	2.003	2.840	12.4	18.7

107445 2001 DR_{18} 12 16.4 202°.24 2°.3/16.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 9.19	+28 38.5	2.240	3.000	14.1	20.5
11 17	6 4.21	+29 11.5	2.143	2.996	11.3	20.3
11 27	5 56.56	+29 42.2	2.069	2.992	8.0	20.1
12 7	5 46.80	+30 7.6	2.022	2.988	4.5	19.9
12 17	5 35.84	+30 24.7	2.003	2.982	2.3	19.7
12 27	5 24.86	+30 32.2	2.016	2.977	4.9	19.9
1 6	5 15.04	+30 31.0	2.057	2.970	8.4	20.1
1 16	5 7.34	+30 23.8	2.125	2.964	11.8	20.3

235402 2003 WR_{173} 12 16.4 131°.90 1°.9/16.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.20	+28 30.8	2.842	3.593	11.6	21.0
11 17	6 1.08	+29 2.4	2.757	3.606	9.2	20.8
11 27	5 53.96	+29 31.6	2.697	3.618	6.5	20.6
12 7	5 45.34	+29 56.2	2.664	3.629	3.6	20.5
12 17	5 35.95	+30 14.3	2.662	3.641	1.9	20.4
12 27	5 26.64	+30 25.1	2.691	3.652	3.9	20.5
1 6	5 18.27	+30 29.4	2.751	3.662	6.7	20.7
1 16	5 11.51	+30 28.6	2.838	3.672	9.3	20.9

295243 2008 GS_{26} 12 16.4 130°.75 3°.7/15.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 16.97	+26 44.5	1.734	2.498	17.5	20.5
11 17	6 11.24	+28 20.7	1.655	2.509	14.0	20.3
11 27	6 1.94	+30 0.2	1.597	2.520	10.0	20.1
12 7	5 49.69	+31 35.5	1.566	2.530	5.8	19.9
12 17	5 35.66	+32 58.7	1.564	2.539	3.7	19.7
12 27	5 21.57	+34 4.3	1.593	2.549	6.6	19.9
1 6	5 9.11	+34 51.2	1.650	2.557	10.6	20.2
1 16	4 59.61	+35 22.4	1.733	2.565	14.3	20.4

90212 2003 AU_{80} 12 16.4 346°.80 27°.4/23.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	5 50.39	−28 31.4	1.228	1.900	27.6	17.3
11 17	5 51.07	−31 39.3	1.183	1.875	27.4	17.2
11 27	5 48.43	−34 7.3	1.148	1.852	27.4	17.1
12 7	5 43.08	−35 41.8	1.122	1.832	27.6	17.0
12 17	5 36.08	−36 11.8	1.105	1.814	27.9	16.9
12 27	5 29.02	−35 31.5	1.097	1.800	28.3	16.9
1 6	5 23.51	−33 42.5	1.096	1.788	28.9	16.9
1 16	5 20.80	−30 51.8	1.104	1.780	29.5	17.0

321560 2009 SJ_{339} 12 16.4 130°.22 4°.5/16.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.21	+36 21.7	2.306	3.056	14.0	20.6
11 17	6 3.45	+36 56.2	2.220	3.060	11.5	20.5
11 27	5 56.00	+37 23.2	2.156	3.064	8.6	20.3
12 7	5 46.49	+37 38.6	2.118	3.067	5.9	20.1
12 17	5 35.88	+37 39.4	2.107	3.071	4.5	20.1
12 27	5 25.40	+37 24.8	2.127	3.074	5.9	20.1
1 6	5 16.25	+36 57.2	2.174	3.077	8.6	20.3
1 16	5 9.31	+36 20.7	2.247	3.080	11.4	20.5

48132 2001 FA_{122} 12 16.4 110°.55 4°.3/16.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 12.32	+33 59.6	2.152	2.903	14.9	19.1
11 17	6 6.72	+34 51.1	2.079	2.921	12.1	18.9
11 27	5 58.25	+35 36.6	2.028	2.939	8.9	18.8
12 7	5 47.59	+36 11.3	2.003	2.957	5.8	18.6
12 17	5 35.81	+36 31.3	2.007	2.974	4.3	18.6
12 27	5 24.26	+36 35.5	2.041	2.991	6.0	18.7
1 6	5 14.19	+36 25.7	2.104	3.007	8.9	18.9
1 16	5 6.53	+36 6.1	2.192	3.022	11.8	19.1

177535 2004 FV_{29} 12 16.4 208°.16 2°.1/16.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.05	+16 23.0	2.403	3.164	13.2	21.1
11 17	6 0.47	+16 21.0	2.305	3.159	10.6	20.9
11 27	5 53.72	+16 22.9	2.230	3.154	7.5	20.7
12 7	5 45.31	+16 28.8	2.182	3.149	4.1	20.5
12 17	5 35.96	+16 38.8	2.163	3.143	2.1	20.3
12 27	5 26.61	+16 52.7	2.175	3.136	4.6	20.5
1 6	5 18.18	+17 10.3	2.217	3.129	8.0	20.7
1 16	5 11.45	+17 31.5	2.285	3.122	11.1	20.9

401399 2013 CR_{51} 12 16.4 204°.32 0°.9/16.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.35	+26 12.6	2.295	3.058	13.7	22.1
11 17	6 2.54	+26 18.3	2.198	3.054	10.9	21.9
11 27	5 55.27	+26 21.7	2.123	3.050	7.6	21.7
12 7	5 46.11	+26 21.1	2.075	3.045	3.9	21.5
12 17	5 35.91	+26 15.3	2.056	3.040	1.0	21.2
12 27	5 25.76	+26 4.2	2.069	3.034	4.3	21.5
1 6	5 16.71	+25 49.4	2.110	3.028	8.0	21.7
1 16	5 9.63	+25 33.2	2.178	3.021	11.4	21.9

21523 GONG 12 16.4 102°.12 6°.2/17.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.88	+ 0 35.2	2.569	3.285	13.5	19.3
11 17	6 0.60	+ 0 28.8	2.499	3.307	11.4	19.2
11 27	5 53.48	+ 0 35.2	2.452	3.329	9.1	19.1
12 7	5 45.04	+ 0 56.5	2.430	3.350	7.1	19.0
12 17	5 35.99	+ 1 33.2	2.437	3.371	6.2	19.0
12 27	5 27.14	+ 2 24.5	2.474	3.391	7.0	19.0
1 6	5 19.23	+ 3 27.9	2.540	3.411	8.9	19.2
1 16	5 12.87	+ 4 40.3	2.633	3.430	11.0	19.4

236462 2006 ER_{72} 12 16.4 158°.51 4°.9/15.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.17	+10 28.3	2.163	2.919	14.7	21.9
11 17	6 1.37	+ 9 47.0	2.080	2.925	11.9	21.7
11 27	5 54.31	+ 9 11.9	2.019	2.931	8.9	21.6
12 7	5 45.57	+ 8 45.6	1.985	2.936	6.1	21.4
12 17	5 35.96	+ 8 30.3	1.979	2.941	4.9	21.3
12 27	5 26.49	+ 8 27.1	2.002	2.945	6.6	21.5
1 6	5 18.12	+ 8 36.2	2.054	2.948	9.5	21.6
1 16	5 11.60	+ 8 56.3	2.131	2.951	12.4	21.8

98009 2000 QC_{209} 12 16.4 322°.76 3°.0/16.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.76	+19 2.2	1.277	2.085	20.3	19.4
11 17	6 2.97	+18 28.8	1.196	2.078	16.3	19.2
11 27	5 56.49	+17 56.7	1.134	2.072	11.5	18.9
12 7	5 47.02	+17 27.5	1.094	2.066	6.3	18.6
12 17	5 35.85	+17 3.1	1.079	2.060	3.0	18.3
12 27	5 24.77	+16 45.7	1.090	2.055	7.2	18.6
1 6	5 15.51	+16 37.4	1.125	2.050	12.6	18.9
1 16	5 9.35	+16 39.2	1.182	2.046	17.4	19.1

27370 2000 EM_{40} 12 16.4 182°.48 1°.7/16.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 4.58	+29 13.5	2.883	3.636	11.4	19.3
11 17	5 59.84	+29 27.2	2.787	3.637	9.1	19.1
11 27	5 53.14	+29 37.5	2.715	3.637	6.4	19.0
12 7	5 44.96	+29 42.7	2.670	3.636	3.6	18.8
12 17	5 36.00	+29 41.6	2.656	3.636	1.7	18.6
12 27	5 27.10	+29 33.9	2.673	3.635	3.8	18.8
1 6	5 19.09	+29 20.9	2.720	3.633	6.6	19.0
1 16	5 12.64	+29 4.5	2.795	3.632	9.3	19.2

272017 2005 EN_{20} 12 16.4 189°.42 5°.3/17.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.41	+40 59.0	2.755	3.483	12.5	20.9
11 17	6 3.35	+41 37.7	2.663	3.482	10.4	20.7
11 27	5 55.81	+42 7.7	2.593	3.481	8.2	20.6
12 7	5 46.37	+42 24.8	2.549	3.480	6.2	20.4
12 17	5 35.91	+42 26.0	2.534	3.479	5.3	20.4
12 27	5 25.53	+42 10.5	2.548	3.477	6.2	20.4
1 6	5 16.31	+41 40.3	2.590	3.476	8.2	20.5
1 16	5 9.10	+40 59.1	2.658	3.474	10.4	20.7

443876 2001 TF_{161} 12 16.4 33°.84 3°.0/16.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.57	+30 15.7	1.690	2.474	17.1	20.9
11 17	6 2.82	+30 39.5	1.616	2.482	13.7	20.7
11 27	5 55.89	+30 58.1	1.562	2.490	9.7	20.5
12 7	5 46.53	+31 8.0	1.532	2.499	5.6	20.3
12 17	5 35.90	+31 6.4	1.529	2.508	3.0	20.1
12 27	5 25.53	+30 53.0	1.554	2.517	5.8	20.3
1 6	5 16.82	+30 30.7	1.606	2.527	9.8	20.6
1 16	5 10.77	+30 3.4	1.682	2.537	13.5	20.8

9563 Kitty 12 16.4 63°.16 1°.1/16.3 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 10.74	+21 30.5	1.356	2.151	20.0	18.1
11 17	6 6.16	+21 19.9	1.302	2.176	15.7	17.9
11 27	5 58.10	+21 10.2	1.267	2.202	10.8	17.7
12 7	5 47.52	+21 0.9	1.255	2.228	5.4	17.5
12 17	5 35.86	+20 51.5	1.270	2.253	1.1	17.2
12 27	5 24.80	+20 43.0	1.312	2.279	5.9	17.6
1 6	5 15.81	+20 37.0	1.380	2.305	10.8	18.0
1 16	5 9.81	+20 35.2	1.472	2.330	14.9	18.3

66922 1999 VC_{185} 12 16.4 57°.06 2°.2/16.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.49	+18 54.5	1.504	2.293	18.6	18.8
11 17	6 3.97	+18 33.3	1.449	2.321	14.7	18.7
11 27	5 56.38	+18 15.0	1.415	2.348	10.1	18.5
12 7	5 46.62	+18 0.1	1.405	2.376	5.3	18.3
12 17	5 35.93	+17 49.2	1.422	2.403	2.3	18.1
12 27	5 25.77	+17 43.1	1.467	2.431	5.9	18.4
1 6	5 17.41	+17 42.8	1.538	2.459	10.2	18.7
1 16	5 11.69	+17 48.4	1.634	2.486	14.0	19.0

161355 2003 SG_{152} 12 16.4 102°.04 0°.4/16.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 9.20	+23 10.5	1.854	2.628	16.1	20.4
11 17	6 4.33	+23 28.5	1.780	2.643	12.8	20.2
11 27	5 56.64	+23 47.0	1.728	2.658	8.8	20.0
12 7	5 46.81	+24 4.0	1.701	2.673	4.4	19.8
12 17	5 35.91	+24 17.6	1.703	2.687	0.4	19.5
12 27	5 25.25	+24 27.3	1.735	2.701	4.8	19.9
1 6	5 16.06	+24 33.6	1.795	2.715	9.0	20.1
1 16	5 9.24	+24 38.4	1.880	2.728	12.6	20.4

489303 2006 SG_{287} 12 16.4 29°.44 20°.9/12.4 15

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 3.47	− 8 24.2	1.055	1.823	26.1	20.0
11 17	6 0.92	−12 24.5	1.028	1.838	23.8	19.9
11 27	5 54.75	−15 51.7	1.019	1.854	22.0	19.8
12 7	5 45.95	−18 28.5	1.027	1.872	21.0	19.8
12 17	5 35.97	−20 3.6	1.052	1.892	21.0	19.9
12 27	5 26.57	−20 34.2	1.094	1.912	21.7	20.1
1 6	5 19.25	−20 7.0	1.150	1.934	23.0	20.2
1 16	5 14.95	−18 54.0	1.221	1.956	24.4	20.4

265176 2003 YV_{8} 12 16.4 32°.48 2°.7/16.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.68	+15 46.9	0.883	1.717	25.1	19.0
11 17	6 4.25	+16 8.4	0.847	1.742	19.9	18.7
11 27	5 57.42	+16 42.1	0.826	1.769	13.8	18.5
12 7	5 47.36	+17 26.3	0.824	1.797	7.3	18.3
12 17	5 35.89	+18 17.3	0.845	1.827	2.8	18.1
12 27	5 25.26	+19 11.1	0.889	1.858	7.5	18.5
1 6	5 17.31	+20 4.7	0.955	1.890	13.1	18.9
1 16	5 13.07	+20 56.4	1.043	1.923	17.8	19.3

332950 2011 DE_{43} 12 16.4 304°.29 1°.6/16.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 2.46	+19 17.6	2.208	2.983	13.8	21.1
11 17	5 58.69	+19 3.4	2.113	2.977	11.0	20.9
11 27	5 52.63	+18 50.6	2.040	2.970	7.7	20.7
12 7	5 44.83	+18 39.5	1.993	2.963	4.1	20.4
12 17	5 36.06	+18 30.4	1.975	2.957	1.6	20.2
12 27	5 27.33	+18 24.1	1.987	2.951	4.6	20.4
1 6	5 19.62	+18 21.4	2.027	2.945	8.3	20.7
1 16	5 13.71	+18 22.9	2.093	2.939	11.6	20.9

288108 2003 WB_{50} 12 16.4 109°.96 0°.4/16.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 9.46	+26 19.7	1.942	2.713	15.6	21.3
11 17	6 4.35	+25 56.6	1.865	2.726	12.4	21.1
11 27	5 56.52	+25 29.1	1.810	2.739	8.6	20.9
12 7	5 46.70	+24 56.2	1.780	2.751	4.3	20.6
12 17	5 35.96	+24 18.3	1.780	2.764	0.4	20.3
12 27	5 25.56	+23 37.5	1.809	2.776	4.7	20.7
1 6	5 16.65	+22 56.7	1.868	2.787	8.8	21.0
1 16	5 10.05	+22 19.2	1.952	2.799	12.3	21.2

265546 2005 OR_{10} 12 16.4 145°.21 4°.1/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 14.32	+33 34.0	1.908	2.664	16.3	20.8
11 17	6 8.69	+34 4.6	1.828	2.675	13.2	20.6
11 27	5 59.82	+34 28.2	1.769	2.685	9.7	20.4
12 7	5 48.47	+34 40.0	1.736	2.694	6.1	20.2
12 17	5 35.85	+34 36.3	1.730	2.702	4.1	20.1
12 27	5 23.48	+34 16.8	1.755	2.710	6.1	20.3
1 6	5 12.82	+33 44.7	1.807	2.717	9.6	20.5
1 16	5 4.90	+33 5.3	1.885	2.724	13.0	20.7

358712 2008 AO_{121} 12 16.4 235°.05 4°.8/16.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.17	+ 8 20.1	2.164	2.917	14.7	21.3
11 17	6 0.80	+ 8 15.8	2.067	2.910	12.1	21.1
11 27	5 54.11	+ 8 21.6	1.993	2.903	9.1	20.9
12 7	5 45.59	+ 8 39.3	1.944	2.895	6.2	20.7
12 17	5 36.03	+ 9 9.6	1.923	2.887	4.8	20.6
12 27	5 26.42	+ 9 51.8	1.932	2.879	6.4	20.7
1 6	5 17.78	+10 44.3	1.970	2.871	9.5	20.9
1 16	5 10.95	+11 44.6	2.033	2.863	12.6	21.1

406075 2006 UJ_{119} 12 16.4 318°.06 5°.9/16.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 9.78	+35 44.2	1.907	2.669	16.1	21.1
11 17	6 5.58	+36 54.4	1.820	2.667	13.3	20.9
11 27	5 58.04	+37 59.3	1.755	2.664	10.2	20.7
12 7	5 47.78	+38 52.4	1.714	2.662	7.2	20.5
12 17	5 35.89	+39 27.7	1.700	2.660	5.9	20.4
12 27	5 23.93	+39 42.2	1.715	2.658	7.5	20.5
1 6	5 13.50	+39 37.5	1.756	2.656	10.5	20.7
1 16	5 5.79	+39 18.3	1.821	2.654	13.7	20.9

332052 2005 QG_{183} 12 16.4 110°.42 2°.5/16.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 10.75	+16 38.2	1.804	2.573	16.7	21.3
11 17	6 5.39	+16 32.4	1.735	2.594	13.3	21.1
11 27	5 57.26	+16 31.2	1.688	2.614	9.3	20.9
12 7	5 47.09	+16 34.8	1.666	2.633	5.1	20.7
12 17	5 35.96	+16 43.0	1.672	2.652	2.5	20.6
12 27	5 25.15	+16 55.6	1.709	2.671	5.5	20.8
1 6	5 15.84	+17 12.4	1.774	2.688	9.5	21.1
1 16	5 8.88	+17 33.3	1.864	2.705	13.0	21.4

40135 1998 QS_{53} 12 16.4 81°.39 3°.9/15.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 3.04	+13 16.1	2.212	2.979	14.1	19.2
11 17	5 58.86	+12 35.6	2.135	2.989	11.3	19.0
11 27	5 52.56	+11 59.5	2.080	2.999	8.2	18.8
12 7	5 44.72	+11 29.9	2.051	3.009	5.2	18.7
12 17	5 36.11	+11 8.6	2.051	3.020	4.0	18.6
12 27	5 27.69	+10 57.1	2.080	3.030	5.8	18.8
1 6	5 20.33	+10 55.7	2.137	3.040	8.8	19.0
1 16	5 14.71	+11 3.9	2.220	3.050	11.6	19.2

121146 1999 JT_{67} 12 16.4 282°.13 0°.2/16.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.24	+22 44.8	1.701	2.486	16.9	19.8
11 17	6 3.63	+23 1.4	1.595	2.464	13.7	19.6
11 27	5 56.81	+23 19.9	1.509	2.442	9.6	19.3
12 7	5 47.25	+23 38.7	1.448	2.420	4.9	18.9
12 17	5 35.93	+23 55.4	1.414	2.398	0.4	18.5
12 27	5 24.33	+24 8.6	1.408	2.375	5.6	18.9
1 6	5 13.99	+24 18.7	1.430	2.353	10.6	19.1
1 16	5 6.21	+24 27.2	1.475	2.330	15.1	19.3

298086 2002 QE_{147} 12 16.4 84°.05 1°.4/16.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.91	+26 49.4	1.843	2.618	16.2	21.0
11 17	6 4.16	+27 1.1	1.772	2.635	12.8	20.8
11 27	5 56.54	+27 9.9	1.722	2.651	8.9	20.6
12 7	5 46.79	+27 13.5	1.698	2.668	4.6	20.4
12 17	5 36.00	+27 10.2	1.702	2.684	1.4	20.2
12 27	5 25.53	+27 0.1	1.735	2.700	4.9	20.5
1 6	5 16.60	+26 45.4	1.796	2.716	9.0	20.7
1 16	5 10.10	+26 28.8	1.882	2.732	12.5	21.0

187505 2006 SX_{394} 12 16.4 204°.13 2°.9/16.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 12.04	+28 46.6	1.802	2.572	16.7	21.0
11 17	6 7.23	+29 26.4	1.710	2.568	13.5	20.8
11 27	5 59.12	+30 4.3	1.639	2.564	9.6	20.5
12 7	5 48.31	+30 35.9	1.593	2.560	5.5	20.3
12 17	5 35.91	+30 56.8	1.576	2.554	2.9	20.1
12 27	5 23.47	+31 5.2	1.587	2.549	5.9	20.3
1 6	5 12.54	+31 2.1	1.627	2.542	10.1	20.5
1 16	5 4.32	+30 51.5	1.691	2.536	14.0	20.8

474767 2005 QB_{94} 12 16.4 67.°77 1.°6/16.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 12.18	+26 9.5	1.416	2.206	19.5	21.3
11 17	6 7.43	+26 29.7	1.360	2.230	15.5	21.1
11 27	5 59.09	+26 47.5	1.322	2.255	10.7	20.8
12 7	5 48.12	+26 59.6	1.309	2.280	5.5	20.6
12 17	5 35.94	+27 3.4	1.322	2.304	1.6	20.4
12 27	5 24.32	+26 58.7	1.362	2.329	5.8	20.8
1 6	5 14.80	+26 48.2	1.430	2.353	10.5	21.1
1 16	5 8.36	+26 35.6	1.520	2.378	14.6	21.4

83308 2001 RJ_{112} 12 16.4 271.°75 5.°7/16.9 17

11 7	6 9.66	+37 38.0	2.008	2.763	15.7	19.9
11 17	6 5.35	+38 22.4	1.912	2.753	13.0	19.7
11 27	5 57.81	+38 58.7	1.837	2.743	10.0	19.5
12 7	5 47.65	+39 21.4	1.787	2.733	7.1	19.3
12 17	5 35.96	+39 25.6	1.764	2.723	5.7	19.2
12 27	5 24.26	+39 9.8	1.769	2.713	7.2	19.2
1 6	5 14.04	+38 36.5	1.801	2.703	10.2	19.4
1 16	5 6.47	+37 51.1	1.858	2.693	13.3	19.6

443591 2014 KK_{88} 12 16.4 20.°78 8.°2/16.9 17

11 7	6 3.74	+ 3 0.4	1.599	2.365	18.6	20.8
11 17	6 0.31	+ 2 32.9	1.526	2.369	15.7	20.6
11 27	5 54.06	+ 2 22.1	1.473	2.373	12.4	20.5
12 7	5 45.66	+ 2 32.3	1.441	2.377	9.5	20.3
12 17	5 36.09	+ 3 5.8	1.434	2.382	8.2	20.2
12 27	5 26.66	+ 4 1.9	1.454	2.388	9.5	20.3
1 6	5 18.61	+ 5 16.9	1.499	2.394	12.4	20.5
1 16	5 12.86	+ 6 45.1	1.568	2.400	15.5	20.7

380027 2013 QF_{33} 12 16.4 326.°51 3.°1/15.9 17

11 7	6 1.78	+15 55.4	2.255	3.027	13.7	20.9
11 17	5 58.00	+15 19.4	2.164	3.024	11.0	20.7
11 27	5 52.08	+14 45.8	2.095	3.020	7.8	20.5
12 7	5 44.55	+14 16.1	2.053	3.017	4.7	20.3
12 17	5 36.16	+13 52.0	2.039	3.014	3.1	20.2
12 27	5 27.85	+13 35.0	2.054	3.011	5.3	20.3
1 6	5 20.52	+13 26.0	2.098	3.008	8.5	20.5
1 16	5 14.91	+13 25.4	2.168	3.005	11.6	20.7

415544 2014 QO_{150} 12 16.4 206.°00 3.°7/16.7 17

11 7	6 8.88	+34 5.4	2.511	3.258	13.1	22.1
11 17	6 3.82	+34 40.1	2.413	3.253	10.7	21.9
11 27	5 56.24	+35 9.5	2.337	3.248	7.9	21.8
12 7	5 46.69	+35 29.8	2.288	3.243	5.1	21.6
12 17	5 36.03	+35 38.1	2.269	3.237	3.7	21.5
12 27	5 25.37	+35 33.4	2.279	3.231	5.3	21.6
1 6	5 15.81	+35 17.2	2.319	3.224	8.1	21.7
1 16	5 8.26	+34 52.6	2.386	3.216	10.9	21.9

72979 2002 CN_{239} 12 16.4 125.°82 1.°9/16.7 18

11 7	6 14.54	+28 11.6	1.736	2.504	17.3	20.2
11 17	6 8.82	+28 20.9	1.663	2.521	13.8	20.0
11 27	5 59.87	+28 25.6	1.611	2.537	9.6	19.8
12 7	5 48.49	+28 22.8	1.584	2.553	5.1	19.6
12 17	5 35.94	+28 10.5	1.586	2.568	1.9	19.4
12 27	5 23.77	+27 49.2	1.617	2.582	5.4	19.6
1 6	5 13.41	+27 21.9	1.677	2.595	9.7	19.9
1 16	5 5.82	+26 52.9	1.761	2.607	13.4	20.2

398747 2013 AO_{24} 12 16.4 54.°83 0.°9/16.6 18

11 7	6 8.08	+26 29.8	1.550	2.339	18.1	20.5
11 17	6 4.06	+26 22.6	1.479	2.351	14.4	20.3
11 27	5 56.75	+26 11.3	1.429	2.362	10.0	20.1
12 7	5 46.99	+25 54.3	1.402	2.374	5.1	19.8
12 17	5 36.03	+25 30.8	1.403	2.386	0.9	19.6
12 27	5 25.44	+25 2.4	1.431	2.399	5.4	19.9
1 6	5 16.64	+24 32.1	1.486	2.411	10.1	20.2
1 16	5 10.60	+24 3.6	1.566	2.424	14.2	20.5

206019 2002 PM_{162} 12 16.4 144.°60 2.°4/16.7 18

11 7	6 9.86	+30 9.3	2.201	2.960	14.4	21.7
11 17	6 4.62	+30 24.9	2.117	2.969	11.5	21.5
11 27	5 56.74	+30 35.7	2.056	2.977	8.2	21.3
12 7	5 46.90	+30 38.9	2.020	2.985	4.6	21.1
12 17	5 36.04	+30 32.7	2.014	2.993	2.4	21.0
12 27	5 25.37	+30 17.0	2.039	3.000	4.8	21.1
1 6	5 16.03	+29 53.9	2.092	3.007	8.2	21.4
1 16	5 8.87	+29 26.9	2.172	3.013	11.5	21.6

326885 2003 VB_{10} 12 16.4 54.°66 2.°7/16.1 18

11 7	6 3.73	+17 25.3	2.051	2.827	14.7	20.1
11 17	5 59.53	+16 48.2	1.983	2.845	11.7	20.0
11 27	5 53.07	+16 13.1	1.936	2.864	8.2	19.8
12 7	5 44.99	+15 41.7	1.916	2.882	4.6	19.6
12 17	5 36.16	+15 15.3	1.924	2.901	2.7	19.5
12 27	5 27.61	+14 55.6	1.961	2.920	5.2	19.7
1 6	5 20.29	+14 43.5	2.027	2.939	8.6	20.0
1 16	5 14.88	+14 39.4	2.118	2.959	11.7	20.2

75514 1999 XD_{203} 12 16.4 318.°04 7.°6/17.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 10.51	+41 43.1	1.657	2.417	18.3	18.7
11 17	6 6.89	+42 13.3	1.566	2.405	15.5	18.4
11 27	5 59.32	+42 29.4	1.493	2.393	12.3	18.2
12 7	5 48.54	+42 24.1	1.442	2.381	9.2	18.0
12 17	5 35.96	+41 51.8	1.417	2.370	7.6	17.9
12 27	5 23.54	+40 51.9	1.417	2.360	8.8	17.9
1 6	5 13.18	+39 30.2	1.444	2.349	11.9	18.1
1 16	5 6.17	+37 55.8	1.494	2.340	15.4	18.3

287030 2002 QP_{102} 12 16.4 84.°23 3.°3/16.4 18

11 7	6 2.87	+12 24.5	2.355	3.117	13.4	20.6
11 17	5 58.67	+12 16.5	2.275	3.126	10.8	20.4
11 27	5 52.43	+12 14.9	2.217	3.136	7.8	20.3
12 7	5 44.70	+12 20.4	2.185	3.145	4.8	20.1
12 17	5 36.20	+12 33.6	2.183	3.155	3.4	20.0
12 27	5 27.83	+12 54.4	2.210	3.164	5.2	20.2
1 6	5 20.41	+13 21.8	2.266	3.174	8.1	20.4
1 16	5 14.64	+13 54.9	2.349	3.183	10.9	20.6

176924 2002 VG_{113} 12 16.4 73.°79 0.°5/16.4 18

11 7	6 9.08	+22 24.5	1.825	2.601	16.3	20.6
11 17	6 4.04	+22 18.1	1.764	2.628	12.8	20.4
11 27	5 56.30	+22 11.5	1.724	2.654	8.8	20.2
12 7	5 46.63	+22 3.9	1.709	2.681	4.4	20.0
12 17	5 36.10	+21 55.0	1.723	2.707	0.6	19.8
12 27	5 26.00	+21 45.4	1.767	2.733	4.8	20.1
1 6	5 17.45	+21 36.6	1.839	2.759	8.8	20.4
1 16	5 11.23	+21 30.2	1.936	2.784	12.3	20.7

97490 2000 CU_{78} 12 16.4 82.°77 0.°7/16.4 17

11 7	6 3.85	+21 33.4	2.292	3.063	13.5	20.5
11 17	5 59.60	+21 26.3	2.209	3.071	10.7	20.3
11 27	5 53.16	+21 19.5	2.150	3.079	7.4	20.1
12 7	5 45.09	+21 12.5	2.117	3.088	3.7	19.9
12 17	5 36.20	+21 5.3	2.113	3.096	0.8	19.7
12 27	5 27.47	+20 58.4	2.139	3.105	4.1	20.0
1 6	5 19.81	+20 52.6	2.194	3.113	7.7	20.2
1 16	5 13.94	+20 49.1	2.276	3.121	10.8	20.4

3626 Ohsaki 12 16.4 107.°65 0.°5/16.5 18

11 7	6 4.81	+25 35.7	2.561	3.323	12.5	17.7
11 17	6 0.12	+25 32.5	2.480	3.336	9.9	17.5
11 27	5 53.37	+25 27.0	2.421	3.349	6.8	17.4
12 7	5 45.15	+25 18.2	2.391	3.361	3.4	17.2
12 17	5 36.21	+25 5.9	2.390	3.373	0.5	16.9
12 27	5 27.44	+24 50.4	2.420	3.385	3.7	17.2
1 6	5 19.71	+24 33.2	2.479	3.397	7.0	17.4
1 16	5 13.66	+24 16.1	2.566	3.409	9.8	17.7

437368 2013 VP_{3} 12 16.4 16.°42 0.°6/16.5 18

11 7	6 4.68	+18 52.1	1.065	1.889	22.4	20.5
11 17	6 2.75	+19 30.5	1.002	1.893	17.9	20.2
11 27	5 56.71	+20 18.4	0.957	1.899	12.4	19.9
12 7	5 47.32	+21 13.1	0.932	1.906	6.3	19.6
12 17	5 36.07	+22 10.1	0.930	1.914	0.7	19.3
12 27	5 25.02	+23 5.0	0.954	1.924	6.8	19.7
1 6	5 16.16	+23 55.2	1.000	1.934	12.7	20.1
1 16	5 10.83	+24 40.4	1.068	1.946	17.7	20.4

199557 2006 EQ_{34} 12 16.5 347.°23 4.°5/16.6 18

11 7	6 7.54	+31 23.3	1.493	2.283	18.6	20.6
11 17	6 4.40	+32 9.4	1.411	2.280	15.1	20.4
11 27	5 57.56	+32 51.2	1.349	2.276	11.0	20.1
12 7	5 47.69	+33 23.0	1.310	2.274	6.8	19.9
12 17	5 36.04	+33 39.7	1.296	2.271	4.5	19.7
12 27	5 24.45	+33 39.2	1.310	2.270	7.1	19.9
1 6	5 14.68	+33 23.7	1.348	2.268	11.4	20.1
1 16	5 8.03	+32 58.5	1.410	2.268	15.5	20.4

280645 2005 AE_{77} 12 16.5 177.°42 3.°0/16.8 18

11 7	6 6.06	+33 20.6	2.756	3.504	12.0	20.8
11 17	6 1.25	+33 42.3	2.663	3.505	9.7	20.7
11 27	5 54.28	+33 58.6	2.592	3.506	7.1	20.5
12 7	5 45.66	+34 6.9	2.549	3.507	4.4	20.3
12 17	5 36.18	+34 5.3	2.535	3.507	3.0	20.3
12 27	5 26.78	+33 53.5	2.552	3.507	4.5	20.4
1 6	5 18.38	+33 33.1	2.598	3.507	7.2	20.5
1 16	5 11.71	+33 6.7	2.672	3.506	9.8	20.7

108481 2001 KO_{60} 12 16.5 68.°13 0.°3/16.4 18

11 7	6 6.17	+21 11.7	2.259	3.025	13.8	19.0
11 17	6 1.58	+21 55.4	2.176	3.035	10.9	18.8
11 27	5 54.64	+22 42.4	2.117	3.045	7.5	18.6
12 7	5 45.90	+23 30.4	2.084	3.055	3.8	18.4
12 17	5 36.17	+24 16.8	2.082	3.066	0.4	18.1
12 27	5 26.49	+24 59.5	2.110	3.076	4.2	18.4
1 6	5 17.89	+25 37.7	2.168	3.086	7.8	18.7
1 16	5 11.16	+26 11.6	2.252	3.096	11.0	18.9

461132 2015 TL_{77} 12 16.5 33°.86 7°.2/15.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 3.33	+ 9 15.5	1.744	2.520	16.9	20.7
11 17	5 59.65	+ 7 45.3	1.674	2.527	13.9	20.5
11 27	5 53.40	+ 6 21.4	1.624	2.535	10.8	20.4
12 7	5 45.27	+ 5 9.5	1.599	2.543	8.1	20.2
12 17	5 36.21	+ 4 14.7	1.601	2.551	7.3	20.2
12 27	5 27.39	+ 3 40.3	1.630	2.560	8.9	20.3
1 6	5 19.89	+ 3 27.3	1.684	2.570	11.8	20.5
1 16	5 14.52	+ 3 33.7	1.762	2.579	14.7	20.7

296523 2009 OT 12 16.5 122°.97 3°.4/16.4 18

11 7	6 10.31	+14 34.9	1.674	2.447	17.6	21.1
11 17	6 5.39	+14 27.0	1.600	2.460	14.1	20.9
11 27	5 57.50	+14 26.1	1.548	2.473	10.1	20.7
12 7	5 47.36	+14 32.9	1.520	2.485	5.8	20.4
12 17	5 36.08	+14 47.3	1.520	2.497	3.4	20.3
12 27	5 25.04	+15 8.9	1.549	2.509	6.2	20.5
1 6	5 15.54	+15 36.9	1.605	2.519	10.3	20.8
1 16	5 8.52	+16 10.2	1.686	2.530	14.1	21.1

6895 1987 DG_{6} 12 16.5 178°.21 0°.3/16.5 18

11 7	6 7.35	+24 20.9	2.342	3.105	13.5	18.6
11 17	6 2.43	+24 21.7	2.250	3.106	10.7	18.4
11 27	5 55.17	+24 21.0	2.180	3.107	7.4	18.2
12 7	5 46.14	+24 17.8	2.137	3.108	3.7	18.0
12 17	5 36.16	+24 11.2	2.124	3.108	0.3	17.7
12 27	5 26.27	+24 1.6	2.142	3.108	4.1	18.0
1 6	5 17.48	+23 50.1	2.190	3.107	7.8	18.2
1 16	5 10.57	+23 38.7	2.264	3.106	11.0	18.4

115009 2003 QF_{78} 12 16.5 35°.99 1°.9/16.2 18

11 7	6 3.23	+19 42.1	1.834	2.620	15.8	18.6
11 17	5 59.54	+19 17.8	1.765	2.634	12.5	18.4
11 27	5 53.30	+18 54.5	1.717	2.650	8.7	18.2
12 7	5 45.20	+18 33.2	1.695	2.666	4.6	18.0
12 17	5 36.22	+18 14.8	1.700	2.682	1.9	17.8
12 27	5 27.52	+18 0.4	1.734	2.699	5.1	18.1
1 6	5 20.18	+17 51.2	1.796	2.716	9.0	18.3
1 16	5 14.96	+17 47.8	1.882	2.734	12.5	18.6

361276 2006 TA_{12} 12 16.5 31°.17 6°.0/16.8 17

11 7	6 8.44	+34 53.9	1.528	2.311	18.6	20.3
11 17	6 4.98	+35 57.3	1.462	2.322	15.2	20.1
11 27	5 57.80	+36 53.1	1.416	2.334	11.4	19.9
12 7	5 47.71	+37 34.6	1.393	2.347	7.8	19.7
12 17	5 36.07	+37 56.0	1.396	2.361	6.0	19.7
12 27	5 24.72	+37 55.6	1.425	2.375	7.9	19.8
1 6	5 15.36	+37 36.6	1.479	2.390	11.3	20.0
1 16	5 9.15	+37 5.0	1.557	2.406	14.7	20.3

33552 1999 JN_{15} 12 16.5 215°.31 1°.0/16.5 18

11 7	6 6.60	+18 17.4	2.520	3.277	12.8	19.3
11 17	6 1.74	+18 39.8	2.417	3.270	10.2	19.1
11 27	5 54.70	+19 6.2	2.337	3.262	7.1	18.9
12 7	5 45.94	+19 35.7	2.285	3.254	3.7	18.7
12 17	5 36.19	+20 7.0	2.263	3.245	1.0	18.5
12 27	5 26.35	+20 39.0	2.272	3.236	4.1	18.7
1 6	5 17.38	+21 11.0	2.312	3.227	7.6	18.9
1 16	5 10.06	+21 42.7	2.380	3.217	10.7	19.1

16000 Neilgehrels 12 16.5 229°.78 1°.3/16.4 18

11 7	6 8.18	+20 24.5	1.956	2.728	15.5	19.2
11 17	6 3.66	+20 15.2	1.856	2.718	12.4	19.0
11 27	5 56.38	+20 6.9	1.778	2.707	8.7	18.7
12 7	5 46.89	+19 59.3	1.725	2.696	4.5	18.4
12 17	5 36.13	+19 52.3	1.702	2.685	1.3	18.2
12 27	5 25.32	+19 46.3	1.708	2.672	5.1	18.4
1 6	5 15.71	+19 42.5	1.742	2.660	9.4	18.7
1 16	5 8.30	+19 42.0	1.802	2.647	13.2	18.9

157032 2003 RE_{4} 12 16.5 54°.73 6°.5/16.5 18

11 7	6 11.68	+38 9.4	2.019	2.769	15.8	19.1
11 17	6 6.78	+39 34.2	1.954	2.789	13.0	18.9
11 27	5 58.68	+40 51.1	1.912	2.810	10.1	18.8
12 7	5 48.05	+41 53.2	1.894	2.830	7.6	18.7
12 17	5 36.06	+42 34.9	1.904	2.851	6.5	18.7
12 27	5 24.25	+42 53.9	1.942	2.872	7.7	18.8
1 6	5 14.07	+42 52.3	2.007	2.894	10.1	19.0
1 16	5 6.59	+42 35.3	2.096	2.915	12.7	19.2

316318 2010 RO_{101} 12 16.5 25°.66 2°.5/16.7 17

11 7	6 6.58	+29 35.9	1.898	2.674	15.7	21.8
11 17	6 2.56	+29 52.4	1.814	2.676	12.6	21.6
11 27	5 55.65	+30 4.3	1.751	2.678	9.0	21.4
12 7	5 46.51	+30 8.7	1.713	2.680	5.0	21.1
12 17	5 36.17	+30 3.6	1.703	2.683	2.5	21.0
12 27	5 25.97	+29 48.7	1.722	2.685	5.2	21.2
1 6	5 17.20	+29 26.3	1.768	2.688	9.1	21.4
1 16	5 10.82	+29 0.0	1.840	2.691	12.7	21.6

40030 1998 KL_{2} 12 16.5 129°.94 1°.2/16.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 11.32	+25 4.4	2.341	3.095	13.7	20.2
11 17	6 5.50	+25 40.6	2.262	3.113	10.9	20.0
11 27	5 57.25	+26 16.5	2.206	3.130	7.5	19.8
12 7	5 47.17	+26 49.4	2.177	3.146	3.9	19.6
12 17	5 36.14	+27 16.7	2.180	3.162	1.2	19.5
12 27	5 25.26	+27 37.3	2.213	3.177	4.2	19.7
1 6	5 15.57	+27 51.6	2.277	3.191	7.7	20.0
1 16	5 7.88	+28 1.0	2.369	3.205	10.8	20.2

155870 2001 DL_{27} 12 16.5 308°.36 1°.4/16.4 18

11 7	6 3.52	+18 41.6	2.170	2.944	14.1	19.8
11 17	5 59.60	+18 43.9	2.078	2.941	11.2	19.6
11 27	5 53.34	+18 49.2	2.009	2.938	7.8	19.4
12 7	5 45.29	+18 57.3	1.965	2.935	4.1	19.2
12 17	5 36.24	+19 7.7	1.950	2.932	1.4	19.0
12 27	5 27.22	+19 20.3	1.965	2.930	4.6	19.2
1 6	5 19.23	+19 35.0	2.008	2.927	8.3	19.4
1 16	5 13.09	+19 52.0	2.078	2.924	11.7	19.6

364919 2008 EY_{160} 12 16.5 225°.74 3°.9/15.9 17

11 7	6 3.91	+12 39.2	2.377	3.136	13.4	22.2
11 17	5 59.60	+12 3.9	2.279	3.128	10.9	22.0
11 27	5 53.19	+11 32.8	2.203	3.120	8.0	21.8
12 7	5 45.17	+11 7.9	2.154	3.111	5.2	21.7
12 17	5 36.25	+10 50.8	2.134	3.102	3.9	21.6
12 27	5 27.35	+10 42.9	2.144	3.093	5.8	21.7
1 6	5 19.35	+10 44.8	2.183	3.084	8.7	21.8
1 16	5 13.00	+10 56.0	2.248	3.074	11.7	22.0

109817 2001 RS_{106} 12 16.5 341°.21 2°.1/16.6 18

11 7	6 2.69	+27 4.2	1.202	2.020	20.6	19.2
11 17	6 1.21	+27 19.8	1.120	2.008	16.7	19.0
11 27	5 55.74	+27 32.5	1.057	1.998	11.8	18.6
12 7	5 46.94	+27 38.8	1.015	1.988	6.3	18.3
12 17	5 36.14	+27 35.8	0.997	1.980	2.1	18.0
12 27	5 25.33	+27 22.7	1.003	1.972	6.8	18.3
1 6	5 16.50	+27 2.5	1.033	1.966	12.5	18.6
1 16	5 11.08	+26 39.9	1.084	1.962	17.5	18.9

233642 2008 KW 12 16.5 109°.25 2°.5/16.4 18

11 7	6 9.64	+16 26.6	1.683	2.459	17.4	21.1
11 17	6 4.87	+16 24.3	1.610	2.473	13.9	20.9
11 27	5 57.15	+16 27.6	1.559	2.487	9.8	20.7
12 7	5 47.21	+16 36.5	1.532	2.500	5.3	20.5
12 17	5 36.14	+16 50.6	1.533	2.514	2.6	20.3
12 27	5 25.32	+17 9.5	1.563	2.526	5.8	20.5
1 6	5 16.04	+17 32.6	1.621	2.539	10.0	20.8
1 16	5 9.23	+17 59.5	1.704	2.551	13.8	21.1

202548 2006 DW_{155} 12 16.5 109°.58 0°.4/16.5 17

11 7	6 4.65	+24 19.9	2.337	3.106	13.3	20.7
11 17	6 0.31	+24 28.4	2.251	3.111	10.6	20.5
11 27	5 53.72	+24 36.1	2.187	3.116	7.3	20.3
12 7	5 45.43	+24 41.6	2.150	3.121	3.7	20.1
12 17	5 36.25	+24 44.0	2.142	3.126	0.5	19.8
12 27	5 27.18	+24 43.2	2.165	3.131	4.0	20.1
1 6	5 19.17	+24 40.0	2.216	3.136	7.6	20.4
1 16	5 12.98	+24 36.1	2.295	3.140	10.7	20.6

188871 2006 UB_{243} 12 16.5 344°.81 1°.2/16.5 17

11 7	6 2.22	+25 16.1	1.464	2.269	18.2	20.6
11 17	6 0.00	+25 30.3	1.378	2.259	14.6	20.3
11 27	5 54.43	+25 43.6	1.312	2.250	10.2	20.0
12 7	5 46.12	+25 53.7	1.269	2.242	5.3	19.7
12 17	5 36.21	+25 58.4	1.251	2.235	1.2	19.4
12 27	5 26.30	+25 57.1	1.260	2.229	5.8	19.7
1 6	5 17.98	+25 51.3	1.294	2.224	10.8	20.0
1 16	5 12.46	+25 43.7	1.351	2.220	15.3	20.2

106106 2000 TG_{18} 12 16.5 333°.92 4°.3/15.9 18

11 7	6 3.51	+17 27.1	1.188	2.005	21.0	19.0
11 17	6 1.47	+16 38.9	1.109	1.995	17.0	18.7
11 27	5 55.68	+15 52.4	1.048	1.986	12.2	18.4
12 7	5 46.81	+15 10.9	1.009	1.978	7.1	18.1
12 17	5 36.17	+14 37.9	0.993	1.971	4.4	17.9
12 27	5 25.58	+14 16.8	1.001	1.964	8.1	18.1
1 6	5 16.84	+14 9.6	1.033	1.959	13.4	18.4
1 16	5 11.25	+14 16.6	1.086	1.954	18.3	18.7

290781 2005 VC_{38} 12 16.5 325°.80 3°.6/16.2 18

11 7	6 2.14	+17 33.6	1.315	2.126	19.6	20.5
11 17	6 0.16	+17 1.2	1.226	2.110	15.9	20.2
11 27	5 54.70	+16 31.4	1.156	2.094	11.4	19.9
12 7	5 46.33	+16 6.5	1.108	2.078	6.5	19.6
12 17	5 36.20	+15 48.6	1.084	2.064	3.6	19.4
12 27	5 25.97	+15 39.9	1.086	2.051	7.4	19.6
1 6	5 17.33	+15 41.7	1.112	2.038	12.6	19.8
1 16	5 11.58	+15 54.3	1.159	2.026	17.4	20.1

437982 2003 SK_{125} 12 16.5 61°.15 7°.0/15.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 5.54	+ 9 34.4	1.620	2.397	18.0	20.9
11 17	6 1.51	+ 8 18.9	1.557	2.412	14.7	20.7
11 27	5 54.74	+ 7 11.5	1.514	2.427	11.2	20.5
12 7	5 45.96	+ 6 17.3	1.495	2.443	8.1	20.4
12 17	5 36.24	+ 5 40.3	1.502	2.458	7.0	20.4
12 27	5 26.86	+ 5 23.3	1.536	2.473	8.8	20.5
1 6	5 18.96	+ 5 25.8	1.596	2.489	11.8	20.7
1 16	5 13.37	+ 5 45.7	1.679	2.505	15.0	21.0

274184 2008 GX_{104} 12 16.5 205°.98 4°.7/16.1 18

11 7	6 7.67	+13 2.6	1.711	2.485	17.2	21.8
11 17	6 3.43	+12 26.8	1.624	2.483	14.0	21.5
11 27	5 56.29	+11 57.0	1.557	2.479	10.3	21.3
12 7	5 46.87	+11 35.5	1.515	2.476	6.5	21.1
12 17	5 36.19	+11 24.7	1.501	2.472	4.7	21.0
12 27	5 25.56	+11 25.8	1.514	2.467	7.2	21.1
1 6	5 16.29	+11 39.1	1.554	2.463	11.0	21.3
1 16	5 9.36	+12 3.4	1.619	2.458	14.8	21.5

331708 2002 RU_{143} 12 16.5 107°.76 4°.0/16.1 18

11 7	6 9.41	+15 33.8	1.610	2.389	18.0	21.6
11 17	6 4.72	+14 53.5	1.540	2.403	14.4	21.4
11 27	5 57.04	+14 17.4	1.490	2.417	10.3	21.1
12 7	5 47.15	+13 47.8	1.465	2.430	6.1	20.9
12 17	5 36.18	+13 26.5	1.468	2.443	4.0	20.8
12 27	5 25.53	+13 15.2	1.498	2.455	6.7	21.0
1 6	5 16.50	+13 14.7	1.556	2.468	10.8	21.3
1 16	5 9.99	+13 24.4	1.637	2.479	14.5	21.6

457283 2008 RQ_{103} 12 16.5 48°.83 7°.1/17.6 17

11 7	6 10.32	+43 48.5	2.248	2.979	14.9	21.0
11 17	6 5.60	+44 36.0	2.169	2.985	12.6	20.8
11 27	5 57.78	+45 11.6	2.111	2.991	10.2	20.7
12 7	5 47.58	+45 29.7	2.077	2.997	8.1	20.5
12 17	5 36.15	+45 26.1	2.069	3.004	7.1	20.5
12 27	5 24.94	+45 0.2	2.089	3.011	7.9	20.6
1 6	5 15.34	+44 15.1	2.136	3.017	9.9	20.7
1 16	5 8.32	+43 16.6	2.208	3.024	12.2	20.9

226239 2002 XZ_{25} 12 16.5 335°.34 0°.1/16.5 18

11 7	6 4.33	+24 13.9	1.289	2.100	19.9	20.2
11 17	6 2.08	+24 6.4	1.206	2.091	16.0	19.9
11 27	5 56.09	+23 56.9	1.142	2.082	11.2	19.6
12 7	5 47.03	+23 44.0	1.100	2.073	5.7	19.2
12 17	5 36.18	+23 27.1	1.082	2.066	0.3	18.8
12 27	5 25.36	+23 7.0	1.090	2.059	6.3	19.2
1 6	5 16.39	+22 46.7	1.122	2.053	12.0	19.5
1 16	5 10.57	+22 29.4	1.176	2.048	16.9	19.8

82355 2001 MY_{2} 12 16.5 93°.30 4°.5/16.1 18 R

11 7	6 10.19	+13 18.3	1.702	2.472	17.5	19.8
11 17	6 4.97	+12 37.7	1.641	2.497	14.0	19.7
11 27	5 56.99	+12 3.4	1.601	2.522	10.1	19.5
12 7	5 47.03	+11 37.8	1.586	2.546	6.3	19.3
12 17	5 36.20	+11 22.7	1.599	2.569	4.6	19.3
12 27	5 25.79	+11 19.3	1.640	2.592	6.8	19.5
1 6	5 16.97	+11 27.3	1.709	2.615	10.4	19.7
1 16	5 10.52	+11 45.7	1.802	2.636	13.7	20.0

167490 2003 YU_{71} 12 16.5 58°.09 0°.7/16.5 18

11 7	6 7.36	+24 24.3	1.671	2.457	17.1	19.8
11 17	6 3.33	+24 38.0	1.598	2.468	13.6	19.6
11 27	5 56.24	+24 51.1	1.546	2.479	9.4	19.3
12 7	5 46.82	+25 1.5	1.518	2.490	4.7	19.1
12 17	5 36.21	+25 7.4	1.517	2.501	0.7	18.8
12 27	5 25.84	+25 8.6	1.546	2.513	5.2	19.2
1 6	5 17.06	+25 6.2	1.601	2.525	9.6	19.5
1 16	5 10.83	+25 2.6	1.680	2.536	13.5	19.7

298027 2002 PK_{105} 12 16.5 50°.63 3°.8/17.3 17

11 7	6 10.51	+34 44.7	1.664	2.437	17.7	20.0
11 17	6 6.00	+34 38.8	1.591	2.448	14.4	19.8
11 27	5 58.11	+34 21.5	1.538	2.459	10.4	19.6
12 7	5 47.72	+33 49.5	1.509	2.470	6.4	19.3
12 17	5 36.18	+33 1.3	1.506	2.482	3.8	19.2
12 27	5 25.11	+31 59.4	1.532	2.494	6.1	19.4
1 6	5 15.98	+30 49.2	1.586	2.506	10.0	19.6
1 16	5 9.72	+29 37.6	1.664	2.518	13.7	19.9

518643 2008 OZ_{25} 12 16.5 74°.93 4°.9/16.2 18

11 7	6 2.44	+ 9 3.7	2.256	3.014	14.0	21.6
11 17	5 58.41	+ 8 34.4	2.178	3.023	11.5	21.4
11 27	5 52.33	+ 8 12.8	2.123	3.033	8.6	21.2
12 7	5 44.73	+ 8 1.3	2.093	3.042	6.0	21.1
12 17	5 36.36	+ 8 1.3	2.091	3.051	4.9	21.0
12 27	5 28.13	+ 8 13.4	2.118	3.060	6.3	21.1
1 6	5 20.89	+ 8 36.7	2.173	3.069	9.0	21.3
1 16	5 15.33	+ 9 9.8	2.253	3.078	11.7	21.5

298595 2003 YC_{105} 12 16.5 341°.45 5°.2/16.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 55.58	+14 56.3	1.177	2.006	20.4	18.9
11 17	5 55.30	+14 16.0	1.090	1.982	16.7	18.6
11 27	5 51.55	+13 40.8	1.021	1.961	12.2	18.2
12 7	5 44.87	+13 14.9	0.972	1.941	7.6	17.9
12 17	5 36.34	+13 2.1	0.946	1.923	5.3	17.7
12 27	5 27.65	+13 5.1	0.944	1.907	8.5	17.9
1 6	5 20.54	+13 24.4	0.963	1.893	13.6	18.1
1 16	5 16.37	+13 58.4	1.003	1.881	18.5	18.3

97759 2000 JJ_{10} 12 16.5 343°.70 11°.2/13.2 18

11 7	6 17.84	+29 1.9	0.974	1.785	24.9	18.0
11 17	6 15.83	+32 43.8	0.901	1.779	20.7	17.6
11 27	6 8.01	+36 46.5	0.848	1.774	16.0	17.4
12 7	5 54.25	+40 49.0	0.818	1.770	12.1	17.1
12 17	5 35.77	+44 22.5	0.812	1.766	11.5	17.1
12 27	5 15.73	+47 2.8	0.831	1.764	14.8	17.3
1 6	4 58.22	+48 43.8	0.872	1.762	19.4	17.5
1 16	4 46.49	+49 36.1	0.931	1.761	23.8	17.8

254604 2005 GP_{129} 12 16.5 136°.99 3°.7/16.1 18

11 7	6 6.01	+11 59.1	2.529	3.278	12.9	22.2
11 17	6 0.91	+11 29.9	2.450	3.293	10.4	22.0
11 27	5 53.88	+11 5.8	2.394	3.307	7.6	21.8
12 7	5 45.46	+10 48.3	2.365	3.320	4.9	21.7
12 17	5 36.35	+10 38.5	2.366	3.333	3.7	21.6
12 27	5 27.42	+10 37.4	2.398	3.345	5.3	21.8
1 6	5 19.44	+10 44.8	2.459	3.357	8.0	21.9
1 16	5 13.07	+11 0.1	2.547	3.368	10.6	22.1

29234 1992 EC_{7} 12 16.5 62°.75 1°.5/16.5 18

11 7	6 9.64	+18 13.0	1.421	2.213	19.4	18.6
11 17	6 5.40	+18 31.8	1.360	2.232	15.4	18.4
11 27	5 57.79	+18 56.8	1.318	2.251	10.7	18.1
12 7	5 47.64	+19 26.3	1.300	2.271	5.5	17.9
12 17	5 36.23	+19 58.3	1.308	2.291	1.5	17.7
12 27	5 25.19	+20 30.9	1.344	2.311	5.8	18.0
1 6	5 16.00	+21 3.2	1.406	2.331	10.6	18.3
1 16	5 9.67	+21 35.1	1.493	2.351	14.8	18.7

117917 4281 $P–L$ 12 16.5 354°.74 3°.0/16.7 17

11 7	6 2.52	+29 42.6	1.667	2.460	16.9	19.3
11 17	5 59.91	+30 8.1	1.583	2.455	13.6	19.0
11 27	5 54.16	+30 29.5	1.519	2.450	9.7	18.8
12 7	5 45.94	+30 43.3	1.479	2.447	5.6	18.5
12 17	5 36.32	+30 46.6	1.465	2.444	3.0	18.4
12 27	5 26.76	+30 38.6	1.479	2.443	5.8	18.6
1 6	5 18.72	+30 21.5	1.518	2.443	10.0	18.8
1 16	5 13.25	+29 58.9	1.582	2.443	13.9	19.0

266029 2006 FA_{51} 12 16.5 276°.58 3°.5/16.6 17

11 7	6 4.40	+10 40.0	2.517	3.267	13.0	20.7
11 17	6 0.09	+10 46.0	2.399	3.243	10.6	20.5
11 27	5 53.67	+11 0.0	2.305	3.219	7.8	20.3
12 7	5 45.54	+11 23.0	2.237	3.194	5.0	20.1
12 17	5 36.35	+11 55.4	2.198	3.169	3.5	20.0
12 27	5 26.96	+12 36.5	2.191	3.144	5.3	20.0
1 6	5 18.28	+13 25.0	2.213	3.118	8.4	20.2
1 16	5 11.13	+14 19.3	2.262	3.092	11.4	20.3

170914 2004 XN_{122} 12 16.5 141°.48 1°.2/16.3 18 R

11 7	6 9.91	+22 45.5	1.417	2.210	19.3	20.2
11 17	6 5.92	+22 15.6	1.338	2.212	15.4	19.9
11 27	5 58.37	+21 43.3	1.279	2.214	10.8	19.6
12 7	5 48.03	+21 8.7	1.243	2.216	5.5	19.3
12 17	5 36.22	+20 32.6	1.234	2.217	1.3	19.1
12 27	5 24.66	+19 57.7	1.252	2.219	6.2	19.4
1 6	5 14.95	+19 27.1	1.296	2.220	11.4	19.7
1 16	5 8.23	+19 4.1	1.363	2.222	15.9	20.0

381342 2008 CH_{17} 12 16.5 105°.60 3°.2/16.9 18

11 7	6 14.09	+31 17.2	1.583	2.357	18.4	21.1
11 17	6 8.96	+31 30.0	1.513	2.372	14.8	20.9
11 27	6 0.26	+31 35.6	1.462	2.387	10.6	20.7
12 7	5 48.87	+31 29.7	1.436	2.402	6.1	20.5
12 17	5 36.19	+31 10.0	1.437	2.416	3.2	20.3
12 27	5 23.95	+30 37.1	1.467	2.430	6.1	20.5
1 6	5 13.73	+29 55.4	1.523	2.443	10.4	20.8
1 16	5 6.56	+29 10.7	1.604	2.456	14.3	21.1

520306 2014 FP_{75} 12 16.5 202°.12 7°.8/15.4 18

11 7	6 4.93	+ 4 32.4	2.000	2.749	15.9	22.4
11 17	6 0.73	+ 3 23.4	1.915	2.747	13.4	22.2
11 27	5 54.15	+ 2 23.8	1.852	2.745	10.7	22.0
12 7	5 45.75	+ 1 38.5	1.814	2.742	8.5	21.9
12 17	5 36.36	+ 1 11.6	1.802	2.739	7.8	21.8
12 27	5 27.04	+ 1 5.4	1.818	2.735	9.1	21.9
1 6	5 18.82	+ 1 19.7	1.860	2.732	11.6	22.0
1 16	5 12.50	+ 1 52.0	1.925	2.728	14.3	22.2

253353 2003 FP_{81} 12 16.5 356°.66 16°.7/14.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	5 58.46	−11 44.4	1.517	2.242	21.1	19.2
11 17	5 56.42	−13 57.3	1.459	2.237	19.4	19.1
11 27	5 51.58	−15 45.6	1.418	2.233	18.0	18.9
12 7	5 44.59	−16 59.1	1.394	2.231	17.0	18.9
12 17	5 36.42	−17 29.7	1.390	2.229	16.8	18.9
12 27	5 28.37	−17 14.1	1.405	2.229	17.4	18.9
1 6	5 21.65	−16 15.3	1.438	2.230	18.7	19.0
1 16	5 17.21	−14 40.5	1.488	2.233	20.3	19.1

515765 2015 HC_{92} 12 16.5 126°.37 1°.6/16.4 18

11 7	6 10.00	+19 25.2	1.880	2.650	16.1	22.3
11 17	6 4.88	+19 14.4	1.804	2.664	12.8	22.1
11 27	5 57.04	+19 5.5	1.750	2.678	8.9	21.9
12 7	5 47.17	+18 58.4	1.721	2.691	4.6	21.6
12 17	5 36.30	+18 53.1	1.722	2.704	1.6	21.4
12 27	5 25.67	+18 50.1	1.752	2.716	5.1	21.7
1 6	5 16.47	+18 50.1	1.810	2.727	9.2	22.0
1 16	5 9.54	+18 54.0	1.895	2.738	12.8	22.2

271891 2004 VK_{24} 12 16.5 29°.21 7°.3/16.8 18

11 7	6 2.21	+ 3 39.1	1.850	2.609	16.7	20.6
11 17	5 58.70	+ 3 9.2	1.779	2.618	14.0	20.4
11 27	5 52.78	+ 2 53.3	1.729	2.627	11.0	20.3
12 7	5 45.05	+ 2 54.8	1.702	2.636	8.4	20.1
12 17	5 36.41	+ 3 15.8	1.700	2.646	7.3	20.1
12 27	5 27.93	+ 3 56.0	1.726	2.657	8.5	20.2
1 6	5 20.64	+ 4 52.9	1.778	2.668	11.0	20.4
1 16	5 15.31	+ 6 2.4	1.854	2.679	13.8	20.6

437857 2000 EB_{98} 12 16.5 237°.43 10°.6/15.7 18

11 7	6 7.12	− 5 21.3	2.107	2.812	16.5	21.8
11 17	6 2.52	− 6 22.8	2.011	2.796	14.6	21.7
11 27	5 55.47	− 7 8.6	1.935	2.780	12.6	21.5
12 7	5 46.48	− 7 32.7	1.882	2.763	11.1	21.4
12 17	5 36.33	− 7 30.2	1.853	2.745	10.6	21.3
12 27	5 26.07	− 6 58.9	1.851	2.726	11.5	21.3
1 6	5 16.77	− 6 0.6	1.873	2.706	13.3	21.4
1 16	5 9.32	− 4 39.6	1.919	2.686	15.6	21.5

333251 2012 JJ_{1} 12 16.5 273°.04 2°.4/16.5 18

11 7	6 6.45	+27 59.7	2.255	3.020	13.9	20.6
11 17	6 2.15	+28 44.4	2.160	3.017	11.1	20.4
11 27	5 55.29	+29 28.3	2.089	3.013	7.9	20.2
12 7	5 46.41	+30 8.1	2.043	3.010	4.5	19.9
12 17	5 36.34	+30 40.5	2.027	3.006	2.4	19.8
12 27	5 26.21	+31 3.7	2.041	3.002	4.8	19.9
1 6	5 17.17	+31 17.8	2.084	2.999	8.3	20.2
1 16	5 10.12	+31 24.7	2.153	2.995	11.5	20.4

286816 2002 LG_{34} 12 16.5 61°.08 8°.5/14.5 12 C

11 7	6 12.09	+ 9 7.0	1.603	2.367	18.7	19.8
11 17	6 6.27	+ 6 46.4	1.557	2.400	15.3	19.6
11 27	5 57.72	+ 4 33.7	1.532	2.434	11.9	19.5
12 7	5 47.34	+ 2 37.0	1.533	2.467	9.2	19.4
12 17	5 36.31	+ 1 3.8	1.562	2.501	8.6	19.4
12 27	5 25.93	− 0 1.5	1.619	2.534	10.2	19.6
1 6	5 17.29	− 0 38.5	1.702	2.567	12.8	19.9
1 16	5 11.10	− 0 50.2	1.807	2.600	15.5	20.1

139961 2001 SR_{3} 12 16.5 67°.24 2°.4/16.1 18

11 7	6 7.04	+19 47.9	1.815	2.594	16.2	20.2
11 17	6 2.50	+19 0.4	1.746	2.612	12.9	20.1
11 27	5 55.33	+18 12.7	1.700	2.630	9.0	19.9
12 7	5 46.27	+17 26.4	1.678	2.647	4.8	19.7
12 17	5 36.37	+16 43.7	1.686	2.665	2.5	19.5
12 27	5 26.83	+16 7.1	1.722	2.683	5.5	19.8
1 6	5 18.75	+15 38.7	1.786	2.701	9.4	20.0
1 16	5 12.90	+15 19.7	1.875	2.719	12.8	20.3

176370 2001 TX_{177} 12 16.5 220°.71 2°.7/16.1 18

11 7	6 5.06	+17 22.1	2.190	2.958	14.1	20.4
11 17	6 0.74	+16 46.2	2.095	2.954	11.3	20.2
11 27	5 54.12	+16 11.4	2.023	2.949	8.0	19.9
12 7	5 45.73	+15 39.1	1.978	2.944	4.6	19.7
12 17	5 36.39	+15 11.0	1.961	2.938	2.7	19.6
12 27	5 27.12	+14 48.7	1.974	2.933	5.2	19.7
1 6	5 18.91	+14 33.5	2.016	2.927	8.8	19.9
1 16	5 12.53	+14 26.2	2.084	2.921	12.0	20.1

494472 2016 WM_{12} 12 16.5 45°.66 1°.3/16.6 18

11 7	6 8.68	+25 44.6	1.316	2.118	20.1	21.0
11 17	6 5.09	+25 56.3	1.256	2.134	16.0	20.8
11 27	5 57.79	+26 5.8	1.216	2.152	11.1	20.6
12 7	5 47.71	+26 10.4	1.197	2.170	5.6	20.3
12 17	5 36.29	+26 7.8	1.205	2.188	1.3	20.1
12 27	5 25.34	+25 58.5	1.239	2.207	6.0	20.5
1 6	5 16.48	+25 44.9	1.298	2.226	11.0	20.8
1 16	5 10.76	+25 30.7	1.380	2.246	15.3	21.1

451298 2010 TD_{113} 12 16.5 86°.44 3°.2/16.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 4.70	+16 3.5	2.015	2.788	15.0	21.6
11 17	6 0.53	+15 28.7	1.935	2.795	12.0	21.4
11 27	5 53.97	+14 56.8	1.877	2.803	8.6	21.2
12 7	5 45.64	+14 29.5	1.845	2.810	5.0	21.0
12 17	5 36.41	+14 8.4	1.842	2.818	3.2	20.9
12 27	5 27.36	+13 54.9	1.868	2.825	5.6	21.1
1 6	5 19.50	+13 49.8	1.921	2.832	9.1	21.3
1 16	5 13.60	+13 53.1	2.000	2.840	12.3	21.5

34522 2000 SH_{192} 12 16.5 126°.80 1°.0/16.4 18

11 7	6 5.60	+20 28.2	2.255	3.023	13.8	20.0
11 17	6 1.06	+20 23.0	2.171	3.031	10.9	19.8
11 27	5 54.26	+20 18.8	2.110	3.039	7.6	19.6
12 7	5 45.77	+20 15.4	2.076	3.046	3.9	19.4
12 17	5 36.40	+20 12.5	2.071	3.054	1.0	19.2
12 27	5 27.18	+20 10.5	2.096	3.061	4.3	19.4
1 6	5 19.05	+20 10.1	2.150	3.068	7.9	19.7
1 16	5 12.77	+20 12.0	2.231	3.075	11.1	19.9

430952 2005 UY_{394} 12 16.5 156°.43 1°.8/16.4 18

11 7	6 9.20	+19 1.9	1.850	2.623	16.2	21.9
11 17	6 4.43	+18 51.4	1.767	2.629	12.9	21.7
11 27	5 56.87	+18 43.1	1.705	2.634	9.0	21.5
12 7	5 47.17	+18 37.1	1.669	2.638	4.8	21.2
12 17	5 36.33	+18 33.4	1.661	2.643	1.8	21.0
12 27	5 25.64	+18 32.4	1.682	2.646	5.3	21.3
1 6	5 16.32	+18 34.8	1.732	2.650	9.5	21.5
1 16	5 9.30	+18 41.4	1.807	2.652	13.2	21.8

68006 2000 XR_{48} 12 16.5 106°.23 7°.1/17.1 18

11 7	6 16.55	+37 44.2	1.528	2.292	19.4	19.2
11 17	6 11.68	+38 46.2	1.459	2.304	16.1	19.0
11 27	6 2.64	+39 38.2	1.409	2.316	12.3	18.8
12 7	5 50.28	+40 12.0	1.382	2.328	8.8	18.6
12 17	5 36.16	+40 20.8	1.381	2.339	7.1	18.6
12 27	5 22.41	+40 3.1	1.406	2.350	8.7	18.7
1 6	5 10.96	+39 23.5	1.457	2.361	12.0	18.9
1 16	5 3.10	+38 30.5	1.532	2.371	15.5	19.2

235232 2003 SL_{258} 12 16.5 25°.87 2°.9/16.7 17

11 7	6 4.97	+29 33.0	1.820	2.602	16.1	20.3
11 17	6 1.41	+30 4.3	1.746	2.611	12.9	20.2
11 27	5 54.94	+30 31.7	1.693	2.621	9.1	19.9
12 7	5 46.25	+30 51.9	1.665	2.631	5.2	19.7
12 17	5 36.39	+31 2.1	1.664	2.643	2.9	19.6
12 27	5 26.73	+31 1.5	1.691	2.654	5.4	19.8
1 6	5 18.54	+30 52.0	1.746	2.666	9.2	20.1
1 16	5 12.76	+30 36.6	1.825	2.679	12.7	20.3

197097 2003 UX_{189} 12 16.5 6°.58 1°.8/16.2 17

11 7	6 3.30	+19 43.5	2.291	3.062	13.5	20.1
11 17	5 59.24	+19 10.9	2.201	3.062	10.7	19.9
11 27	5 53.00	+18 38.2	2.134	3.063	7.5	19.7
12 7	5 45.16	+18 6.3	2.094	3.063	4.0	19.5
12 17	5 36.47	+17 36.4	2.082	3.063	1.9	19.3
12 27	5 27.91	+17 10.0	2.101	3.063	4.6	19.5
1 6	5 20.37	+16 48.6	2.148	3.064	8.0	19.8
1 16	5 14.58	+16 33.5	2.222	3.064	11.2	20.0

436824 2012 RO_{33} 12 16.5 154°.61 1°.3/16.7 18

11 7	6 11.05	+27 32.0	1.794	2.567	16.6	21.7
11 17	6 6.17	+27 28.3	1.711	2.572	13.3	21.5
11 27	5 58.20	+27 20.0	1.648	2.577	9.3	21.3
12 7	5 47.88	+27 5.1	1.611	2.581	4.8	21.0
12 17	5 36.33	+26 42.3	1.602	2.585	1.3	20.8
12 27	5 25.01	+26 12.7	1.622	2.588	5.1	21.0
1 6	5 15.27	+25 39.3	1.670	2.591	9.5	21.3
1 16	5 8.10	+25 6.0	1.744	2.593	13.4	21.6

289514 2005 ES_{170} 12 16.5 295°.98 0°.9/16.3 18

11 7	6 6.03	+23 27.9	1.722	2.508	16.7	20.4
11 17	6 2.42	+22 55.6	1.625	2.495	13.4	20.1
11 27	5 55.80	+22 19.7	1.549	2.482	9.4	19.8
12 7	5 46.78	+21 40.2	1.498	2.470	4.8	19.5
12 17	5 36.39	+20 58.1	1.474	2.457	1.0	19.2
12 27	5 26.02	+20 15.8	1.478	2.445	5.5	19.5
1 6	5 17.04	+19 36.8	1.510	2.432	10.2	19.8
1 16	5 10.51	+19 4.0	1.566	2.420	14.4	20.0

17035 Velichko 12 16.5 70°.81 4°.3/16.2 18

11 7	6 7.57	+14 21.5	1.543	2.327	18.4	17.2
11 17	6 3.40	+13 46.7	1.478	2.343	14.8	17.0
11 27	5 56.23	+13 18.0	1.433	2.360	10.6	16.8
12 7	5 46.84	+12 57.8	1.412	2.376	6.4	16.6
12 17	5 36.39	+12 47.7	1.418	2.392	4.3	16.5
12 27	5 26.29	+12 48.7	1.451	2.408	6.9	16.7
1 6	5 17.81	+13 0.7	1.511	2.425	10.9	17.0
1 16	5 11.85	+13 22.5	1.594	2.441	14.6	17.3

102842 1999 VP_{196} 12 16.5 78°.25 2°.1/16.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 13.95	+15 30.5	1.450	2.228	19.6	19.4
11 17	6 8.60	+16 1.5	1.393	2.256	15.6	19.2
11 27	5 59.89	+16 41.5	1.355	2.284	10.9	19.0
12 7	5 48.68	+17 28.8	1.342	2.311	5.7	18.8
12 17	5 36.30	+18 20.2	1.357	2.338	2.1	18.7
12 27	5 24.37	+19 12.8	1.400	2.365	5.9	19.0
1 6	5 14.36	+20 4.4	1.470	2.391	10.6	19.3
1 16	5 7.25	+20 54.1	1.565	2.417	14.6	19.6

209545 2004 VL_{11} 12 16.5 73°.09 1°.2/16.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 13.74	+20 51.3	1.242	2.038	21.4	20.9
11 17	6 8.94	+20 46.8	1.189	2.064	16.9	20.6
11 27	6 0.33	+20 44.7	1.155	2.090	11.6	20.4
12 7	5 48.93	+20 43.7	1.144	2.116	5.9	20.2
12 17	5 36.29	+20 42.9	1.158	2.142	1.2	19.9
12 27	5 24.32	+20 42.6	1.200	2.167	6.3	20.4
1 6	5 14.64	+20 44.1	1.267	2.192	11.5	20.7
1 16	5 8.25	+20 49.0	1.356	2.216	15.8	21.1

202902 1995 SC_{13} 12 16.5 79°.67 0°.9/16.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.97	+21 19.8	1.709	2.489	17.0	21.2
11 17	6 4.32	+21 13.5	1.642	2.508	13.5	21.1
11 27	5 56.77	+21 8.2	1.596	2.527	9.3	20.8
12 7	5 47.09	+21 3.0	1.575	2.546	4.7	20.6
12 17	5 36.39	+20 57.7	1.582	2.565	0.9	20.4
12 27	5 26.04	+20 52.7	1.618	2.584	5.1	20.7
1 6	5 17.28	+20 49.2	1.681	2.602	9.4	21.0
1 16	5 10.98	+20 48.6	1.769	2.621	13.1	21.3

208807 2002 QN_{105} 12 16.5 159°.71 0°.6/16.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.22	+21 8.5	1.991	2.764	15.2	21.2
11 17	6 2.79	+21 16.2	1.904	2.767	12.1	21.0
11 27	5 55.72	+21 25.5	1.839	2.769	8.4	20.8
12 7	5 46.62	+21 35.4	1.800	2.771	4.2	20.6
12 17	5 36.41	+21 45.0	1.790	2.773	0.6	20.3
12 27	5 26.27	+21 53.7	1.809	2.775	4.7	20.6
1 6	5 17.37	+22 2.1	1.857	2.777	8.8	20.9
1 16	5 10.60	+22 11.0	1.930	2.778	12.4	21.1

151407 2002 EF_{116} 12 16.5 223°.79 0°.2/16.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 4.86	+23 11.3	2.227	2.998	13.8	21.0
11 17	6 0.67	+23 7.7	2.134	2.996	11.0	20.8
11 27	5 54.13	+23 3.3	2.064	2.994	7.6	20.6
12 7	5 45.78	+22 57.4	2.020	2.992	3.8	20.4
12 17	5 36.46	+22 49.6	2.005	2.989	0.3	20.1
12 27	5 27.20	+22 40.2	2.021	2.987	4.2	20.4
1 6	5 19.02	+22 30.5	2.065	2.985	8.0	20.6
1 16	5 12.73	+22 21.9	2.135	2.982	11.4	20.8

485991 2012 KZ_{11} 12 16.5 168°.59 4°.7/16.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 1.52	+ 4 44.0	3.233	3.959	10.8	22.5
11 17	5 57.06	+ 4 18.0	3.144	3.964	9.0	22.4
11 27	5 51.13	+ 3 59.5	3.079	3.967	7.0	22.3
12 7	5 44.12	+ 3 50.3	3.041	3.971	5.4	22.1
12 17	5 36.56	+ 3 51.7	3.032	3.974	4.7	22.1
12 27	5 29.05	+ 4 4.1	3.054	3.976	5.6	22.2
1 6	5 22.19	+ 4 27.1	3.105	3.978	7.4	22.3
1 16	5 16.49	+ 4 59.2	3.182	3.979	9.3	22.4

33517 Paulfoltin 12 16.5 157°.24 2°.8/16.9 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 9.02	+32 17.7	2.562	3.310	12.8	20.1
11 17	6 3.73	+32 38.1	2.474	3.317	10.3	19.9
11 27	5 56.10	+32 53.2	2.408	3.324	7.5	19.8
12 7	5 46.72	+33 0.2	2.369	3.330	4.5	19.6
12 17	5 36.42	+32 57.1	2.361	3.335	2.8	19.5
12 27	5 26.25	+32 43.8	2.382	3.340	4.6	19.6
1 6	5 17.21	+32 22.0	2.434	3.344	7.5	19.8
1 16	5 10.07	+31 54.7	2.513	3.348	10.3	20.0

386274 2008 KC_{43} 12 16.5 229°.76 6°.8/15.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.07	+ 8 38.0	1.789	2.553	17.0	22.0
11 17	6 2.88	+ 7 37.9	1.698	2.545	14.1	21.8
11 27	5 55.93	+ 6 45.1	1.627	2.536	10.9	21.6
12 7	5 46.80	+ 6 3.9	1.580	2.526	7.9	21.4
12 17	5 36.41	+ 5 38.2	1.561	2.516	6.8	21.3
12 27	5 26.02	+ 5 30.9	1.569	2.506	8.7	21.4
1 6	5 16.84	+ 5 42.1	1.603	2.495	11.9	21.5
1 16	5 9.86	+ 6 10.1	1.661	2.483	15.3	21.7

130297 2000 ET_{62} 12 16.5 146°.83 8°.1/15.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 1.20	− 7 34.8	3.139	3.817	12.0	20.6
11 17	5 56.83	− 8 33.8	3.068	3.826	10.6	20.5
11 27	5 50.97	− 9 20.2	3.017	3.835	9.3	20.4
12 7	5 44.04	− 9 50.5	2.991	3.843	8.4	20.4
12 17	5 36.57	−10 2.2	2.992	3.851	8.1	20.4
12 27	5 29.20	− 9 54.4	3.018	3.859	8.6	20.4
1 6	5 22.52	− 9 27.9	3.071	3.866	9.6	20.5
1 16	5 17.03	− 8 45.3	3.146	3.873	10.9	20.6

153699 2001 UB_{46} 12 16.5 91°.91 0°.1/16.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 11.55	+22 46.1	1.678	2.455	17.4	20.7
11 17	6 6.45	+22 55.2	1.613	2.477	13.8	20.5
11 27	5 58.29	+23 4.6	1.568	2.499	9.5	20.3
12 7	5 47.87	+23 12.6	1.548	2.520	4.7	20.1
12 17	5 36.37	+23 17.8	1.557	2.541	0.2	19.7
12 27	5 25.25	+23 19.8	1.594	2.561	5.1	20.2
1 6	5 15.83	+23 20.0	1.659	2.581	9.5	20.5
1 16	5 9.01	+23 20.3	1.750	2.600	13.3	20.8

369461 2010 RC_{68} 12 16.5 157°.10 1°.0/16.4 13 C

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 13.96	+21 44.8	1.850	2.615	16.5	22.5
11 17	6 8.17	+21 28.7	1.768	2.625	13.1	22.3
11 27	5 59.43	+21 12.0	1.707	2.634	9.1	22.1
12 7	5 48.45	+20 54.2	1.672	2.642	4.6	21.8
12 17	5 36.34	+20 35.3	1.666	2.649	1.1	21.6
12 27	5 24.46	+20 16.4	1.691	2.655	5.2	21.9
1 6	5 14.12	+19 59.4	1.744	2.660	9.5	22.2
1 16	5 6.25	+19 46.4	1.824	2.664	13.3	22.4

314910 2006 VX_{139} 12 16.5 49°.09 1°.7/16.5 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 10.69	+24 38.9	1.547	2.332	18.3	20.6
11 17	6 6.01	+25 26.4	1.495	2.363	14.4	20.5
11 27	5 58.09	+26 14.1	1.463	2.395	10.0	20.3
12 7	5 47.78	+26 57.9	1.456	2.426	5.1	20.1
12 17	5 36.38	+27 33.8	1.476	2.458	1.7	19.9
12 27	5 25.46	+28 0.1	1.525	2.491	5.4	20.2
1 6	5 16.39	+28 17.6	1.600	2.523	9.7	20.6
1 16	5 10.11	+28 28.8	1.701	2.555	13.4	20.9

230970 2004 YA_{31} 12 16.5 169°.53 0°.3/16.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 4.88	+20 43.2	2.728	3.486	11.9	20.3
11 17	6 0.20	+21 3.9	2.634	3.488	9.4	20.1
11 27	5 53.57	+21 26.6	2.564	3.491	6.5	20.0
12 7	5 45.44	+21 50.1	2.522	3.493	3.3	19.7
12 17	5 36.50	+22 13.4	2.510	3.494	0.4	19.5
12 27	5 27.57	+22 35.5	2.530	3.496	3.6	19.8
1 6	5 19.49	+22 56.3	2.580	3.497	6.8	20.0
1 16	5 12.92	+23 16.1	2.658	3.497	9.7	20.2

12647 Pauluspotter 12 16.5 339°.90 2°.4/16.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 3.64	+19 12.1	2.044	2.822	14.7	19.5
11 17	5 59.81	+18 30.3	1.954	2.819	11.7	19.3
11 27	5 53.57	+17 48.2	1.887	2.816	8.2	19.1
12 7	5 45.51	+17 7.2	1.846	2.814	4.5	18.9
12 17	5 36.50	+16 29.1	1.833	2.812	2.4	18.7
12 27	5 27.60	+15 56.3	1.849	2.810	5.2	18.9
1 6	5 19.85	+15 30.5	1.893	2.808	9.0	19.1
1 16	5 14.05	+15 13.0	1.963	2.807	12.4	19.3

170645 2003 YU_{108} 12 16.5 331°.61 1°.8/16.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.85	+26 27.0	1.634	2.424	17.3	20.2
11 17	6 2.61	+26 50.7	1.546	2.417	13.9	20.0
11 27	5 56.13	+27 13.3	1.478	2.411	9.8	19.7
12 7	5 47.04	+27 31.7	1.434	2.405	5.2	19.4
12 17	5 36.41	+27 43.0	1.417	2.399	1.8	19.2
12 27	5 25.78	+27 46.2	1.427	2.394	5.6	19.4
1 6	5 16.66	+27 42.4	1.464	2.389	10.2	19.7
1 16	5 10.19	+27 34.5	1.525	2.385	14.4	19.9

205353 2000 WY_{126} 12 16.5 13°.10 0°.1/16.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.07	+22 16.5	1.381	2.186	19.2	19.0
11 17	6 2.28	+22 34.3	1.308	2.188	15.3	18.7
11 27	5 56.01	+22 54.4	1.253	2.191	10.6	18.5
12 7	5 46.98	+23 15.0	1.222	2.195	5.3	18.2
12 17	5 36.43	+23 33.7	1.215	2.200	0.3	17.8
12 27	5 26.02	+23 49.3	1.236	2.205	5.8	18.2
1 6	5 17.37	+24 2.1	1.282	2.211	11.0	18.5
1 16	5 11.62	+24 13.8	1.351	2.218	15.4	18.8

412634 2014 OU_{171} 12 16.5 140°.88 3°.2/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 9.75	+33 16.1	2.464	3.212	13.3	22.2
11 17	6 4.41	+33 40.6	2.380	3.222	10.7	22.0
11 27	5 56.62	+33 59.2	2.319	3.232	7.8	21.8
12 7	5 47.00	+34 8.7	2.284	3.242	4.9	21.7
12 17	5 36.43	+34 7.0	2.279	3.251	3.2	21.6
12 27	5 26.04	+33 53.6	2.304	3.259	4.9	21.7
1 6	5 16.86	+33 30.6	2.359	3.267	7.8	21.9
1 16	5 9.70	+33 1.4	2.441	3.275	10.6	22.1

494159 2016 ED_{68} 12 16.5 58°.20 5°.3/16.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 1.51	+ 7 57.1	2.321	3.077	13.8	21.4
11 17	5 57.65	+ 7 18.4	2.244	3.086	11.3	21.2
11 27	5 51.82	+ 6 47.6	2.190	3.095	8.6	21.0
12 7	5 44.56	+ 6 27.4	2.161	3.105	6.3	20.9
12 17	5 36.56	+ 6 19.5	2.160	3.114	5.3	20.9
12 27	5 28.71	+ 6 24.8	2.188	3.124	6.6	21.0
1 6	5 21.81	+ 6 42.9	2.243	3.134	9.0	21.1
1 16	5 16.50	+ 7 12.1	2.324	3.144	11.6	21.3

47719 2000 DC_{30} 12 16.5 194.°46 0.°9/16.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 3.51	+20 38.3	2.577	3.341	12.3	20.4
11 17	5 59.22	+20 31.8	2.482	3.340	9.8	20.2
11 27	5 52.93	+20 25.8	2.411	3.338	6.8	20.0
12 7	5 45.14	+20 20.4	2.367	3.337	3.5	19.8
12 17	5 36.54	+20 15.4	2.352	3.335	0.9	19.6
12 27	5 27.99	+20 11.1	2.369	3.333	3.9	19.8
1 6	5 20.33	+20 8.3	2.415	3.331	7.2	20.1
1 16	5 14.25	+20 7.8	2.488	3.329	10.2	20.2

519500 2012 DH_{105} 12 16.5 221.°73 0.°7/16.5 18

11 7	6 4.50	+20 56.4	2.555	3.317	12.5	22.7
11 17	6 0.09	+20 56.2	2.454	3.311	9.9	22.5
11 27	5 53.60	+20 56.8	2.376	3.303	6.9	22.3
12 7	5 45.51	+20 57.7	2.326	3.296	3.5	22.1
12 17	5 36.52	+20 58.7	2.305	3.288	0.7	21.8
12 27	5 27.53	+20 59.7	2.315	3.280	3.9	22.1
1 6	5 19.42	+21 1.3	2.355	3.272	7.3	22.3
1 16	5 12.92	+21 4.3	2.422	3.263	10.4	22.5

272867 2006 BD_{71} 12 16.5 182.°81 1.°7/16.5 17

11 7	6 4.15	+16 57.4	2.586	3.346	12.4	21.5
11 17	5 59.69	+17 2.7	2.492	3.346	9.9	21.3
11 27	5 53.26	+17 11.7	2.422	3.346	7.0	21.2
12 7	5 45.31	+17 24.2	2.378	3.346	3.8	21.0
12 17	5 36.54	+17 39.8	2.365	3.345	1.7	20.8
12 27	5 27.79	+17 58.3	2.382	3.344	4.1	21.0
1 6	5 19.90	+18 19.1	2.429	3.343	7.3	21.2
1 16	5 13.55	+18 42.3	2.504	3.342	10.2	21.4

208895 2002 TC_{125} 12 16.5 124.°14 1.°3/16.5 18

11 7	6 8.44	+19 5.5	2.265	3.025	14.0	20.8
11 17	6 3.20	+19 7.2	2.187	3.042	11.1	20.6
11 27	5 55.69	+19 11.2	2.132	3.058	7.7	20.4
12 7	5 46.50	+19 17.0	2.105	3.074	4.0	20.2
12 17	5 36.48	+19 24.0	2.107	3.089	1.3	20.0
12 27	5 26.66	+19 32.3	2.140	3.104	4.3	20.3
1 6	5 17.98	+19 41.9	2.203	3.118	7.9	20.5
1 16	5 11.20	+19 53.4	2.292	3.132	11.0	20.8

44272 1998 QB_{70} 12 16.5 39.°31 1.°6/16.9 18

11 7	6 8.66	+29 42.1	1.709	2.488	17.1	19.1
11 17	6 4.44	+29 21.3	1.627	2.492	13.7	18.9
11 27	5 57.08	+28 52.6	1.567	2.496	9.6	18.7
12 7	5 47.36	+28 14.5	1.531	2.501	5.1	18.4
12 17	5 36.46	+27 26.6	1.523	2.505	1.6	18.2
12 27	5 25.87	+26 31.5	1.543	2.510	5.2	18.5
1 6	5 16.95	+25 33.7	1.591	2.515	9.7	18.7
1 16	5 10.66	+24 38.2	1.664	2.520	13.6	19.0

155130 2005 TH_{126} 12 16.5 258.°94 1.°1/16.4 18

11 7	6 7.96	+21 7.9	1.710	2.492	16.9	21.8
11 17	6 4.06	+21 0.8	1.612	2.480	13.6	21.6
11 27	5 57.05	+20 54.7	1.535	2.467	9.6	21.3
12 7	5 47.51	+20 48.9	1.482	2.453	4.9	21.0
12 17	5 36.45	+20 43.1	1.456	2.440	1.1	20.7
12 27	5 25.29	+20 37.6	1.459	2.426	5.5	21.0
1 6	5 15.48	+20 33.6	1.490	2.412	10.3	21.2
1 16	5 8.16	+20 32.9	1.545	2.398	14.6	21.5

127518 2002 UH_{16} 12 16.5 107.°90 0.°6/16.5 18

11 7	6 11.86	+22 57.4	1.632	2.410	17.8	19.9
11 17	6 7.02	+23 26.6	1.559	2.424	14.1	19.7
11 27	5 58.93	+23 57.5	1.507	2.438	9.8	19.5
12 7	5 48.33	+24 27.2	1.480	2.451	4.9	19.2
12 17	5 36.41	+24 52.9	1.480	2.464	0.7	18.9
12 27	5 24.72	+25 12.9	1.510	2.477	5.3	19.3
1 6	5 14.72	+25 27.6	1.567	2.489	9.9	19.6
1 16	5 7.43	+25 39.0	1.649	2.501	13.9	19.9

447529 2006 SE_{165} 12 16.5 50.°35 0.°3/16.5 17

11 7	6 6.29	+23 40.4	1.794	2.576	16.3	21.7
11 17	6 2.30	+23 25.6	1.714	2.582	12.9	21.5
11 27	5 55.49	+23 9.0	1.655	2.588	8.9	21.3
12 7	5 46.55	+22 49.9	1.621	2.593	4.5	21.0
12 17	5 36.51	+22 28.5	1.615	2.599	0.4	20.7
12 27	5 26.68	+22 6.1	1.638	2.606	4.9	21.1
1 6	5 18.29	+21 44.6	1.689	2.612	9.3	21.3
1 16	5 12.22	+21 26.4	1.764	2.618	13.0	21.6

197729 2004 PJ_{19} 12 16.5 162.°57 0.°6/16.5 18

11 7	6 9.74	+21 33.5	2.047	2.812	15.1	21.1
11 17	6 4.67	+21 35.2	1.960	2.818	12.0	20.9
11 27	5 56.97	+21 37.6	1.896	2.823	8.3	20.7
12 7	5 47.27	+21 39.8	1.857	2.828	4.2	20.5
12 17	5 36.48	+21 41.1	1.848	2.832	0.6	20.2
12 27	5 25.81	+21 41.3	1.870	2.835	4.6	20.5
1 6	5 16.41	+21 41.4	1.920	2.838	8.7	20.8
1 16	5 9.15	+21 42.6	1.996	2.840	12.2	21.0

89854 2002 CC_{89} 12 16.5 75.°05 2.°1/16.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 4.85	+16 49.4	2.059	2.831	14.8	20.0
11 17	6 0.70	+16 48.3	1.979	2.840	11.8	19.8
11 27	5 54.16	+16 51.5	1.921	2.849	8.3	19.6
12 7	5 45.83	+16 59.1	1.889	2.857	4.5	19.4
12 17	5 36.56	+17 10.9	1.886	2.866	2.1	19.2
12 27	5 27.42	+17 26.7	1.912	2.875	4.9	19.4
1 6	5 19.44	+17 46.2	1.967	2.884	8.5	19.7
1 16	5 13.39	+18 9.1	2.047	2.892	11.9	19.9

66378 1999 JL_{122} 12 16.5 296.°11 2.°0/16.6 18

11 7	6 9.41	+26 19.9	1.389	2.185	19.5	18.6
11 17	6 6.07	+26 45.6	1.306	2.180	15.7	18.3
11 27	5 58.90	+27 10.4	1.242	2.176	11.1	18.0
12 7	5 48.59	+27 30.6	1.200	2.171	5.9	17.7
12 17	5 36.42	+27 42.3	1.184	2.167	2.0	17.5
12 27	5 24.25	+27 44.1	1.196	2.163	6.3	17.8
1 6	5 13.93	+27 37.6	1.232	2.159	11.6	18.0
1 16	5 6.82	+27 26.8	1.291	2.155	16.3	18.3

386972 2012 JD_{65} 12 16.5 152.°91 1.°5/16.4 17

11 7	6 3.25	+17 41.9	2.907	3.662	11.3	21.7
11 17	5 58.70	+17 39.1	2.817	3.669	9.0	21.6
11 27	5 52.42	+17 38.5	2.752	3.675	6.3	21.4
12 7	5 44.86	+17 40.3	2.714	3.681	3.4	21.2
12 17	5 36.63	+17 44.4	2.706	3.687	1.5	21.1
12 27	5 28.47	+17 50.9	2.730	3.692	3.7	21.3
1 6	5 21.10	+17 59.9	2.784	3.697	6.5	21.5
1 16	5 15.11	+18 11.6	2.866	3.701	9.1	21.6

296748 2009 UT_{1} 12 16.5 30.°58 5.°8/17.4 18

11 7	6 7.96	+37 6.5	1.643	2.417	17.9	19.6
11 17	6 4.28	+37 45.6	1.582	2.435	14.6	19.4
11 27	5 57.15	+38 13.9	1.540	2.454	11.0	19.3
12 7	5 47.44	+38 26.0	1.522	2.473	7.6	19.1
12 17	5 36.50	+38 18.2	1.530	2.494	5.8	19.1
12 27	5 26.00	+37 50.8	1.565	2.515	7.3	19.2
1 6	5 17.44	+37 8.1	1.625	2.536	10.4	19.4
1 16	5 11.79	+36 16.5	1.710	2.559	13.6	19.7

379940 2012 LX_{14} 12 16.5 118.°30 8.°0/15.0 17

11 7	6 1.50	− 0 26.1	2.517	3.241	13.6	21.3
11 17	5 57.51	− 1 42.8	2.440	3.246	11.7	21.2
11 27	5 51.68	− 2 48.8	2.386	3.250	9.8	21.1
12 7	5 44.52	− 3 39.9	2.356	3.254	8.4	21.0
12 17	5 36.67	− 4 12.4	2.353	3.257	8.0	21.0
12 27	5 28.91	− 4 24.4	2.377	3.261	8.9	21.0
1 6	5 22.00	− 4 16.4	2.427	3.265	10.5	21.2
1 16	5 16.55	− 3 50.4	2.501	3.269	12.3	21.3

132495 2002 JD_{31} 12 16.5 269.°07 1.°2/16.4 18

11 7	6 6.46	+20 47.7	1.783	2.565	16.4	20.1
11 17	6 2.64	+20 39.7	1.690	2.558	13.1	19.8
11 27	5 55.91	+20 32.8	1.619	2.550	9.2	19.6
12 7	5 46.89	+20 26.7	1.572	2.543	4.7	19.3
12 17	5 36.54	+20 21.1	1.552	2.536	1.2	19.0
12 27	5 26.19	+20 16.6	1.562	2.528	5.3	19.3
1 6	5 17.15	+20 14.0	1.599	2.521	9.8	19.6
1 16	5 10.45	+20 14.9	1.660	2.513	13.8	19.8

162804 2000 YV_{136} 12 16.5 4.°93 9.°7/17.1 18

11 7	6 2.05	+ 2 32.1	1.351	2.133	20.6	18.9
11 17	5 59.63	+ 1 50.4	1.281	2.132	17.5	18.7
11 27	5 54.05	+ 1 27.5	1.230	2.133	14.1	18.5
12 7	5 46.01	+ 1 29.4	1.198	2.135	11.0	18.3
12 17	5 36.60	+ 1 59.7	1.190	2.137	9.7	18.3
12 27	5 27.30	+ 2 58.3	1.207	2.141	11.0	18.3
1 6	5 19.55	+ 4 20.5	1.246	2.145	14.0	18.5
1 16	5 14.39	+ 5 59.2	1.308	2.151	17.4	18.8

142866 2002 VV_{30} 12 16.5 45.°65 0.°2/16.5 18

11 7	6 6.40	+24 4.3	1.692	2.479	16.9	19.9
11 17	6 2.53	+23 50.6	1.618	2.488	13.4	19.7
11 27	5 55.72	+23 34.9	1.565	2.498	9.3	19.5
12 7	5 46.70	+23 16.5	1.536	2.508	4.6	19.2
12 17	5 36.57	+22 55.3	1.535	2.519	0.3	18.9
12 27	5 26.73	+22 32.6	1.562	2.530	5.1	19.3
1 6	5 18.42	+22 10.7	1.616	2.541	9.5	19.6
1 16	5 12.57	+21 52.0	1.695	2.552	13.3	19.9

452925 2006 WK_{39} 12 16.5 343.°22 1.°4/16.5 17

11 7	6 1.64	+20 20.6	1.510	2.313	17.9	21.3
11 17	5 59.37	+20 14.7	1.423	2.303	14.3	21.1
11 27	5 53.96	+20 11.0	1.356	2.293	10.0	20.8
12 7	5 46.02	+20 9.5	1.311	2.284	5.2	20.5
12 17	5 36.60	+20 10.0	1.293	2.276	1.4	20.2
12 27	5 27.17	+20 12.8	1.301	2.269	5.8	20.5
1 6	5 19.19	+20 18.5	1.335	2.263	10.7	20.8
1 16	5 13.77	+20 27.9	1.392	2.258	15.1	21.0

118555 2000 FH_4 12 16.5 204°.49 0°.5/16.6 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 10.20	+24 53.0	1.955	2.724	15.6	20.9
11 17	6 5.39	+24 55.8	1.860	2.720	12.5	20.7
11 27	5 57.71	+24 57.1	1.787	2.715	8.7	20.4
12 7	5 47.76	+24 54.9	1.739	2.710	4.4	20.2
12 17	5 36.53	+24 48.0	1.720	2.704	0.6	19.8
12 27	5 25.33	+24 36.5	1.732	2.698	4.8	20.2
1 6	5 15.44	+24 22.1	1.771	2.691	9.1	20.4
1 16	5 7.87	+24 7.3	1.837	2.684	12.9	20.6

23910 1998 SP_{115} 12 16.5 66°.51 0°.2/16.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.46	+24 17.6	2.100	2.871	14.6	18.4
11 17	6 1.86	+24 16.1	2.031	2.893	11.5	18.3
11 27	5 54.86	+24 13.2	1.986	2.915	7.9	18.1
12 7	5 46.14	+24 7.8	1.966	2.937	3.9	17.9
12 17	5 36.62	+23 59.5	1.975	2.959	0.3	17.6
12 27	5 27.39	+23 48.7	2.014	2.981	4.2	18.0
1 6	5 19.45	+23 36.8	2.082	3.003	7.9	18.2
1 16	5 13.54	+23 25.7	2.177	3.025	11.1	18.5

230628 2003 HB_{54} 12 16.5 242°.16 1°.0/16.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.23	+21 20.5	1.890	2.664	15.8	21.5
11 17	6 3.95	+21 11.1	1.789	2.653	12.7	21.2
11 27	5 56.80	+21 2.0	1.711	2.641	8.9	21.0
12 7	5 47.36	+20 52.8	1.657	2.628	4.6	20.7
12 17	5 36.56	+20 43.1	1.632	2.615	1.0	20.4
12 27	5 25.70	+20 33.5	1.636	2.602	5.1	20.7
1 6	5 16.08	+20 25.4	1.669	2.589	9.6	20.9
1 16	5 8.73	+20 20.5	1.726	2.575	13.6	21.1

414691 2009 WO_{155} 12 16.5 14°.60 1°.2/16.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 4.14	+18 6.9	2.079	2.853	14.6	20.7
11 17	6 0.28	+18 26.2	1.992	2.855	11.6	20.5
11 27	5 54.00	+18 50.2	1.927	2.856	8.1	20.3
12 7	5 45.84	+19 18.1	1.888	2.858	4.2	20.0
12 17	5 36.64	+19 48.6	1.878	2.861	1.2	19.8
12 27	5 27.47	+20 20.5	1.897	2.863	4.5	20.1
1 6	5 19.38	+20 52.9	1.945	2.866	8.4	20.3
1 16	5 13.22	+21 25.4	2.019	2.869	11.8	20.5

181462 2006 TW_{50} 12 16.5 248°.03 0°.9/16.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.53	+25 9.0	2.025	2.799	14.9	20.6
11 17	6 2.41	+25 23.0	1.933	2.795	11.9	20.4
11 27	5 55.60	+25 36.0	1.862	2.792	8.3	20.2
12 7	5 46.69	+25 46.2	1.818	2.788	4.3	19.9
12 17	5 36.60	+25 51.8	1.801	2.785	0.9	19.6
12 27	5 26.54	+25 52.4	1.815	2.781	4.6	19.9
1 6	5 17.69	+25 49.0	1.856	2.777	8.7	20.2
1 16	5 10.98	+25 43.7	1.924	2.774	12.3	20.4

79772 1998 UT_{12} 12 16.5 111°.34 1°.6/16.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 10.29	+20 8.1	1.690	2.468	17.3	19.6
11 17	6 5.48	+19 50.8	1.617	2.482	13.8	19.4
11 27	5 57.70	+19 34.7	1.565	2.496	9.6	19.2
12 7	5 47.69	+19 19.9	1.538	2.509	5.0	19.0
12 17	5 36.57	+19 6.7	1.539	2.522	1.7	18.8
12 27	5 25.76	+18 55.9	1.569	2.534	5.4	19.0
1 6	5 16.53	+18 49.0	1.627	2.546	9.8	19.3
1 16	5 9.80	+18 47.1	1.709	2.558	13.7	19.6

133144 2003 QK_{13} 12 16.5 63°.30 5°.2/16.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 2.99	+ 8 25.1	2.146	2.905	14.7	19.3
11 17	5 59.00	+ 7 55.8	2.072	2.917	12.0	19.1
11 27	5 52.88	+ 7 35.3	2.020	2.929	9.1	19.0
12 7	5 45.18	+ 7 25.8	1.994	2.941	6.4	18.8
12 17	5 36.70	+ 7 29.0	1.995	2.953	5.2	18.8
12 27	5 28.37	+ 7 45.3	2.024	2.966	6.6	18.9
1 6	5 21.10	+ 8 13.5	2.082	2.978	9.3	19.1
1 16	5 15.58	+ 8 51.7	2.164	2.991	12.0	19.3

278156 2007 DZ_{28} 12 16.5 173°.98 3°.2/16.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.26	+15 6.5	1.861	2.631	16.2	22.1
11 17	6 3.73	+14 51.0	1.775	2.633	13.1	21.9
11 27	5 56.48	+14 40.8	1.710	2.635	9.3	21.7
12 7	5 47.12	+14 36.8	1.671	2.636	5.4	21.5
12 17	5 36.61	+14 39.8	1.660	2.637	3.2	21.3
12 27	5 26.17	+14 49.9	1.678	2.637	5.9	21.5
1 6	5 17.02	+15 7.1	1.723	2.637	9.8	21.7
1 16	5 10.06	+15 30.7	1.794	2.636	13.4	22.0

417330 2006 DB_3 12 16.5 195°.15 2°.6/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.57	+31 47.5	2.608	3.361	12.5	22.1
11 17	6 1.87	+32 3.7	2.512	3.359	10.1	21.9
11 27	5 54.92	+32 15.0	2.440	3.357	7.3	21.7
12 7	5 46.25	+32 19.0	2.394	3.355	4.3	21.5
12 17	5 36.66	+32 13.8	2.377	3.353	2.6	21.4
12 27	5 27.13	+31 59.3	2.392	3.351	4.4	21.5
1 6	5 18.63	+31 37.1	2.435	3.348	7.4	21.7
1 16	5 11.93	+31 10.0	2.506	3.345	10.2	21.9

224850 2006 YK_1 12 16.5 304°.29 4°.4/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 10.13	+32 32.9	1.483	2.268	19.0	20.0
11 17	6 6.64	+33 0.4	1.398	2.263	15.5	19.8
11 27	5 59.30	+33 21.0	1.332	2.257	11.3	19.5
12 7	5 48.82	+33 29.2	1.289	2.252	7.0	19.2
12 17	5 36.53	+33 20.6	1.271	2.247	4.4	19.1
12 27	5 24.31	+32 54.4	1.281	2.242	7.0	19.2
1 6	5 14.01	+32 14.4	1.316	2.237	11.5	19.4
1 16	5 6.95	+31 27.3	1.374	2.233	15.7	19.7

191473 2003 SL_{292} 12 16.5 183°.01 0°.6/16.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.32	+26 27.3	2.429	3.193	13.0	20.1
11 17	6 0.87	+26 14.7	2.336	3.193	10.4	19.9
11 27	5 54.20	+25 58.5	2.266	3.193	7.2	19.7
12 7	5 45.88	+25 38.1	2.222	3.193	3.7	19.5
12 17	5 36.71	+25 13.1	2.209	3.192	0.6	19.3
12 27	5 27.65	+24 44.6	2.226	3.192	3.9	19.5
1 6	5 19.64	+24 14.5	2.272	3.192	7.4	19.7
1 16	5 13.42	+23 45.2	2.346	3.191	10.5	19.9

496808 2017 JM_5 12 16.5 293°.86 2°.9/16.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 4.11	+12 58.5	2.256	3.018	13.9	20.5
11 17	6 0.09	+13 11.5	2.158	3.011	11.3	20.3
11 27	5 53.81	+13 32.2	2.083	3.004	8.1	20.0
12 7	5 45.78	+14 0.9	2.033	2.997	4.8	19.8
12 17	5 36.72	+14 37.2	2.013	2.990	2.9	19.7
12 27	5 27.59	+15 19.9	2.023	2.983	5.0	19.8
1 6	5 19.38	+16 7.6	2.062	2.976	8.4	20.0
1 16	5 12.89	+16 58.5	2.128	2.969	11.6	20.2

328033 2007 LQ_1 12 16.5 112°.39 0°.2/16.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.40	+20 38.2	2.665	3.421	12.2	21.1
11 17	6 1.40	+21 6.4	2.584	3.436	9.6	21.0
11 27	5 54.41	+21 36.7	2.526	3.452	6.6	20.8
12 7	5 45.96	+22 7.8	2.497	3.467	3.3	20.6
12 17	5 36.73	+22 38.0	2.498	3.482	0.3	20.4
12 27	5 27.59	+23 6.5	2.531	3.496	3.6	20.7
1 6	5 19.38	+23 32.7	2.594	3.510	6.8	20.9
1 16	5 12.75	+23 57.0	2.685	3.524	9.6	21.1

513366 2008 DX_{65} 12 16.6 129°.95 3°.8/16.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 9.83	+13 37.8	1.705	2.476	17.4	21.6
11 17	6 5.11	+13 24.5	1.629	2.486	14.0	21.4
11 27	5 57.48	+13 18.4	1.574	2.496	10.1	21.2
12 7	5 47.65	+13 20.9	1.543	2.506	6.0	21.0
12 17	5 36.66	+13 32.4	1.540	2.515	3.8	20.9
12 27	5 25.86	+13 52.7	1.566	2.524	6.4	21.1
1 6	5 16.52	+14 21.0	1.619	2.532	10.3	21.3
1 16	5 9.57	+14 55.8	1.697	2.540	14.0	21.6

119386 2001 TB_{11} 12 16.6 349°.16 2°.8/16.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.93	+28 8.0	1.455	2.250	18.9	19.5
11 17	6 4.76	+28 40.3	1.374	2.247	15.2	19.3
11 27	5 57.94	+29 10.2	1.312	2.245	10.8	19.0
12 7	5 48.15	+29 33.6	1.274	2.243	6.0	18.8
12 17	5 36.63	+29 46.4	1.261	2.241	2.8	18.6
12 27	5 25.17	+29 47.0	1.275	2.240	6.3	18.8
1 6	5 15.50	+29 37.4	1.315	2.240	11.1	19.0
1 16	5 8.88	+29 21.8	1.377	2.240	15.5	19.3

281947 2011 GG_{31} 12 16.6 239°.96 1°.3/16.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.94	+20 35.3	1.851	2.625	16.1	21.7
11 17	6 4.60	+20 25.3	1.750	2.613	13.0	21.5
11 27	5 57.34	+20 16.2	1.670	2.600	9.1	21.2
12 7	5 47.70	+20 7.8	1.616	2.587	4.7	20.9
12 17	5 36.66	+19 59.7	1.590	2.573	1.3	20.6
12 27	5 25.52	+19 52.5	1.593	2.559	5.3	20.9
1 6	5 15.64	+19 47.5	1.624	2.544	9.8	21.1
1 16	5 8.07	+19 46.2	1.681	2.529	13.9	21.3

304884 2007 RW_{175} 12 16.6 17°.87 6°.3/16.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 0.05	+13 6.9	1.091	1.915	21.9	19.9
11 17	5 58.57	+12 10.7	1.040	1.927	17.7	19.6
11 27	5 53.50	+11 23.7	1.006	1.941	13.0	19.4
12 7	5 45.77	+10 51.1	0.993	1.957	8.4	19.2
12 17	5 36.76	+10 36.2	1.003	1.974	6.3	19.2
12 27	5 28.19	+10 40.8	1.036	1.994	8.9	19.4
1 6	5 21.59	+11 3.1	1.092	2.015	13.2	19.7
1 16	5 17.92	+11 39.9	1.169	2.037	17.2	20.0

154120 2002 EZ_{67} 12 16.6 158°.85 0°.6/16.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.10	+21 53.2	2.374	3.140	13.2	20.8
11 17	6 0.70	+21 47.9	2.285	3.143	10.5	20.6
11 27	5 54.10	+21 42.5	2.218	3.146	7.3	20.4
12 7	5 45.87	+21 36.8	2.177	3.148	3.7	20.2
12 17	5 36.75	+21 30.3	2.167	3.150	0.6	20.0
12 27	5 27.73	+21 23.6	2.187	3.152	4.0	20.3
1 6	5 19.72	+21 17.5	2.236	3.154	7.6	20.5
1 16	5 13.47	+21 13.1	2.311	3.156	10.7	20.7

66143 1998 SE_{161} 12 16.6 17°.66 3°.6/15.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 2.85	+15 51.5	1.982	2.760	15.1	18.3
11 17	5 59.22	+15 2.2	1.901	2.763	12.1	18.1
11 27	5 53.22	+14 15.1	1.841	2.766	8.7	17.9
12 7	5 45.45	+13 32.5	1.806	2.770	5.3	17.7
12 17	5 36.78	+12 57.0	1.800	2.774	3.7	17.6
12 27	5 28.26	+12 30.7	1.822	2.778	5.9	17.8
1 6	5 20.89	+12 14.9	1.872	2.782	9.4	18.0
1 16	5 15.46	+12 9.8	1.947	2.787	12.6	18.2

112919 2002 QQ_{62} 12 16.6 232°.21 2°.9/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 10.01	+31 36.3	2.159	2.917	14.6	21.1
11 17	6 5.23	+31 51.6	2.057	2.907	11.9	20.9
11 27	5 57.63	+32 1.4	1.977	2.897	8.6	20.7
12 7	5 47.79	+32 2.4	1.923	2.885	5.1	20.4
12 17	5 36.67	+31 52.1	1.897	2.874	2.9	20.3
12 27	5 25.54	+31 30.2	1.901	2.862	5.2	20.4
1 6	5 15.66	+30 58.9	1.935	2.850	8.8	20.6
1 16	5 8.03	+30 22.3	1.994	2.837	12.2	20.8

476720 2008 UU_{3} 12 16.6 38°.28 1°.4/16.8 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.39	+28 1.3	1.361	2.160	19.7	21.0
11 17	6 4.91	+27 48.3	1.296	2.172	15.7	20.8
11 27	5 57.77	+27 29.1	1.249	2.184	11.0	20.6
12 7	5 47.90	+27 1.7	1.225	2.196	5.7	20.3
12 17	5 36.69	+26 25.6	1.226	2.210	1.4	20.1
12 27	5 25.95	+25 43.2	1.255	2.224	5.8	20.4
1 6	5 17.25	+24 59.0	1.309	2.238	10.8	20.7
1 16	5 11.61	+24 17.9	1.387	2.253	15.2	21.0

174750 2003 UR_{275} 12 16.6 69°.28 1°.2/16.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 12.48	+25 20.4	1.315	2.110	20.5	20.3
11 17	6 8.16	+25 36.5	1.256	2.130	16.3	20.1
11 27	6 0.04	+25 51.1	1.215	2.150	11.3	19.9
12 7	5 49.03	+26 1.0	1.198	2.170	5.8	19.6
12 17	5 36.64	+26 3.6	1.206	2.190	1.2	19.4
12 27	5 24.76	+25 58.7	1.242	2.209	6.0	19.8
1 6	5 15.06	+25 48.9	1.303	2.229	11.1	20.1
1 16	5 8.62	+25 37.8	1.387	2.249	15.4	20.4

19986 1990 KD 12 16.6 173°.66 1°.8/16.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.87	+16 22.6	2.430	3.181	13.3	19.5
11 17	6 3.59	+16 33.3	2.337	3.185	10.7	19.3
11 27	5 56.08	+16 48.5	2.266	3.188	7.5	19.1
12 7	5 46.88	+17 7.8	2.224	3.191	4.1	18.9
12 17	5 36.75	+17 30.5	2.212	3.192	1.8	18.8
12 27	5 26.63	+17 55.9	2.231	3.193	4.4	19.0
1 6	5 17.49	+18 23.4	2.281	3.193	7.8	19.2
1 16	5 10.08	+18 52.5	2.358	3.192	10.9	19.4

352207 2007 RZ_{315} 12 16.6 94°.04 5°.9/17.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 14.59	+38 20.0	1.875	2.625	16.8	21.6
11 17	6 9.24	+39 0.8	1.806	2.643	13.8	21.4
11 27	6 0.49	+39 31.2	1.757	2.660	10.6	21.2
12 7	5 49.19	+39 45.2	1.733	2.677	7.5	21.1
12 17	5 36.64	+39 38.9	1.736	2.694	5.9	21.0
12 27	5 24.48	+39 12.0	1.767	2.711	7.2	21.1
1 6	5 14.21	+38 28.6	1.825	2.727	10.1	21.3
1 16	5 6.84	+37 35.1	1.909	2.743	13.1	21.6

414276 2008 JF_{32} 12 16.6 139°.46 3°.5/17.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 10.86	+36 42.7	2.850	3.581	12.0	21.6
11 17	6 4.94	+36 50.3	2.765	3.594	9.8	21.4
11 27	5 56.83	+36 49.8	2.704	3.607	7.3	21.3
12 7	5 47.16	+36 38.7	2.669	3.619	4.8	21.1
12 17	5 36.74	+36 15.4	2.665	3.631	3.5	21.1
12 27	5 26.57	+35 40.4	2.692	3.642	4.6	21.2
1 6	5 17.57	+34 56.4	2.749	3.652	7.0	21.3
1 16	5 10.42	+34 7.0	2.834	3.662	9.4	21.5

368635 2004 XK_{145} 12 16.6 347°.24 2°.1/16.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 1.40	+17 6.2	1.716	2.508	16.5	20.2
11 17	5 58.75	+17 12.3	1.627	2.499	13.2	19.9
11 27	5 53.34	+17 24.2	1.558	2.491	9.3	19.7
12 7	5 45.71	+17 42.0	1.514	2.484	5.1	19.4
12 17	5 36.80	+18 5.2	1.496	2.478	2.1	19.2
12 27	5 27.84	+18 33.0	1.507	2.473	5.5	19.4
1 6	5 20.11	+19 4.5	1.544	2.468	9.8	19.6
1 16	5 14.60	+19 38.8	1.605	2.465	13.8	19.9

397224 2006 JZ_{21} 12 16.6 115°.80 6°.9/15.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.22	+ 6 47.0	1.970	2.724	16.0	21.5
11 17	6 1.72	+ 5 39.6	1.898	2.736	13.2	21.3
11 27	5 54.85	+ 4 40.8	1.847	2.747	10.3	21.2
12 7	5 46.25	+ 3 55.2	1.822	2.758	7.8	21.1
12 17	5 36.78	+ 3 26.1	1.823	2.769	7.0	21.0
12 27	5 27.52	+ 3 15.6	1.853	2.779	8.3	21.1
1 6	5 19.47	+ 3 23.4	1.909	2.789	10.9	21.3
1 16	5 13.36	+ 3 47.3	1.989	2.799	13.6	21.5

292284 2006 SO_{130} 12 16.6 57°.27 3°.5/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 8.53	+31 41.7	1.890	2.660	16.0	20.4
11 17	6 4.34	+32 10.3	1.807	2.664	12.9	20.2
11 27	5 57.13	+32 33.5	1.745	2.667	9.3	20.0
12 7	5 47.56	+32 47.4	1.709	2.671	5.6	19.7
12 17	5 36.72	+32 49.0	1.699	2.675	3.5	19.6
12 27	5 26.02	+32 37.6	1.719	2.679	5.7	19.8
1 6	5 16.80	+32 15.5	1.766	2.683	9.4	20.0
1 16	5 10.07	+31 46.8	1.838	2.687	12.8	20.2

331395 2012 FR_{26} 12 16.6 222°.79 1°.6/16.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 12.21	+26 31.2	1.653	2.429	17.7	22.0
11 17	6 7.76	+26 48.0	1.559	2.422	14.2	21.8
11 27	5 59.85	+27 3.1	1.485	2.414	10.1	21.5
12 7	5 49.10	+27 13.3	1.436	2.406	5.3	21.2
12 17	5 36.65	+27 15.4	1.414	2.397	1.6	21.0
12 27	5 24.14	+27 8.8	1.421	2.387	5.7	21.2
1 6	5 13.21	+26 55.2	1.455	2.377	10.6	21.5
1 16	5 5.10	+26 38.4	1.514	2.366	14.9	21.7

360625 2004 ES_{34} 12 16.6 276°.96 8°.0/16.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 12.65	+42 3.5	1.996	2.737	16.2	20.8
11 17	6 8.39	+43 19.7	1.902	2.725	13.8	20.6
11 27	6 0.49	+44 27.3	1.828	2.714	11.2	20.4
12 7	5 49.52	+45 18.5	1.778	2.702	9.0	20.2
12 17	5 36.63	+45 46.2	1.754	2.690	8.0	20.1
12 27	5 23.53	+45 47.0	1.757	2.678	9.1	20.2
1 6	5 12.03	+45 22.9	1.786	2.667	11.5	20.3
1 16	5 3.50	+44 39.9	1.839	2.655	14.3	20.5

277163 2005 NN_{47} 12 16.6 124°.44 1°.0/16.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.36	+19 46.1	2.322	3.083	13.6	22.5
11 17	6 2.42	+19 49.7	2.242	3.097	10.8	22.3
11 27	5 55.25	+19 55.2	2.185	3.111	7.5	22.1
12 7	5 46.44	+20 2.0	2.154	3.124	3.8	21.9
12 17	5 36.80	+20 9.6	2.154	3.137	1.0	21.7
12 27	5 27.30	+20 17.8	2.184	3.149	4.1	22.0
1 6	5 18.90	+20 26.7	2.244	3.161	7.7	22.2
1 16	5 12.31	+20 37.1	2.331	3.172	10.8	22.4

489053 2005 YK_{93} 12 16.6 348°.55 9°.9/20.6 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	5 37.72	+43 33.7	0.721	1.586	26.2	19.6
11 17	5 44.06	+43 36.1	0.645	1.552	22.7	19.2
11 27	5 45.52	+42 57.4	0.583	1.522	18.5	18.8
12 7	5 42.60	+41 25.4	0.535	1.496	13.8	18.4
12 17	5 36.95	+38 52.2	0.503	1.475	10.3	18.1
12 27	5 31.39	+35 23.2	0.489	1.459	11.1	18.1
1 6	5 28.63	+31 20.6	0.493	1.448	15.8	18.2
1 16	5 30.23	+27 14.2	0.514	1.443	21.6	18.5

54830 2001 NC_{11} 12 16.6 96°.77 0°.1/16.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.66	+24 0.2	1.971	2.745	15.3	19.5
11 17	6 3.12	+23 49.0	1.893	2.755	12.1	19.3
11 27	5 55.96	+23 36.0	1.836	2.766	8.4	19.1
12 7	5 46.86	+23 20.4	1.806	2.777	4.2	18.9
12 17	5 36.78	+23 2.1	1.803	2.787	0.2	18.6
12 27	5 26.93	+22 42.1	1.831	2.798	4.5	18.9
1 6	5 18.43	+22 22.2	1.887	2.808	8.6	19.2
1 16	5 12.11	+22 4.5	1.969	2.818	12.1	19.4

454764 2014 WW_{172} 12 16.6 47°.67 2°.3/16.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.25	+27 2.6	2.039	2.810	14.9	20.2
11 17	6 3.04	+27 50.4	1.956	2.816	11.9	20.0
11 27	5 56.11	+28 37.8	1.895	2.821	8.4	19.8
12 7	5 47.04	+29 21.3	1.860	2.827	4.7	19.6
12 17	5 36.76	+29 57.3	1.853	2.833	2.3	19.5
12 27	5 26.52	+30 24.0	1.876	2.839	5.0	19.7
1 6	5 17.52	+30 41.3	1.928	2.845	8.7	19.9
1 16	5 10.71	+30 51.3	2.005	2.851	12.0	20.1

143952 2003 YL_{121} 12 16.6 64°.04 3°.1/16.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 13.63	+28 46.4	1.290	2.084	20.9	19.7
11 17	6 9.26	+29 18.2	1.235	2.106	16.7	19.5
11 27	6 0.89	+29 45.5	1.197	2.129	11.7	19.2
12 7	5 49.49	+30 3.3	1.183	2.151	6.5	19.0
12 17	5 36.66	+30 7.7	1.194	2.174	3.1	18.9
12 27	5 24.42	+29 58.5	1.231	2.197	6.6	19.2
1 6	5 14.53	+29 39.3	1.295	2.219	11.3	19.5
1 16	5 8.07	+29 15.4	1.381	2.242	15.5	19.8

460515 2014 SJ_{347} 12 16.6 2°.79 7°.9/15.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 0.41	+ 5 46.4	1.833	2.603	16.4	20.8
11 17	5 57.48	+ 4 29.0	1.757	2.602	13.8	20.6
11 27	5 52.14	+ 3 20.9	1.701	2.602	11.0	20.4
12 7	5 44.98	+ 2 27.3	1.670	2.603	8.7	20.3
12 17	5 36.88	+ 1 52.9	1.664	2.604	8.0	20.2
12 27	5 28.88	+ 1 40.2	1.684	2.607	9.3	20.3
1 6	5 22.03	+ 1 49.0	1.729	2.609	11.8	20.5
1 16	5 17.10	+ 2 17.0	1.797	2.613	14.6	20.7

324714 2007 EA_{134} 12 16.6 238°.47 4°.5/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 8.65	+35 43.6	2.317	3.068	13.9	21.6
11 17	6 4.11	+36 21.9	2.222	3.062	11.5	21.4
11 27	5 56.84	+36 53.9	2.149	3.057	8.6	21.2
12 7	5 47.41	+37 15.2	2.101	3.051	5.9	21.0
12 17	5 36.76	+37 22.3	2.082	3.046	4.5	20.9
12 27	5 26.11	+37 14.2	2.092	3.040	5.9	21.0
1 6	5 16.67	+36 52.5	2.130	3.034	8.7	21.1
1 16	5 9.41	+36 21.1	2.194	3.028	11.6	21.3

132338 2002 GP_{40} 12 16.6 77°.76 2°.3/16.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.80	+18 46.3	1.676	2.458	17.2	19.9
11 17	6 3.57	+18 23.1	1.604	2.471	13.7	19.7
11 27	5 56.44	+18 2.0	1.553	2.484	9.6	19.5
12 7	5 47.15	+17 44.0	1.527	2.497	5.1	19.2
12 17	5 36.80	+17 29.6	1.528	2.509	2.3	19.1
12 27	5 26.72	+17 20.1	1.558	2.522	5.6	19.3
1 6	5 18.16	+17 16.4	1.615	2.535	9.9	19.6
1 16	5 12.02	+17 19.1	1.697	2.547	13.6	19.9

420251 2011 JY_{7} 12 16.6 310°.32 13°.7/12.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 0.56	−13 28.6	2.189	2.866	16.6	20.3
11 17	5 57.43	−15 23.2	2.107	2.846	15.4	20.1
11 27	5 52.09	−17 0.5	2.044	2.826	14.4	20.0
12 7	5 45.01	−18 12.8	2.001	2.806	13.7	19.9
12 17	5 36.89	−18 53.6	1.979	2.787	13.7	19.9
12 27	5 28.68	−18 59.5	1.978	2.768	14.4	19.9
1 6	5 21.35	−18 30.8	1.998	2.749	15.6	20.0
1 16	5 15.69	−17 31.3	2.036	2.731	17.0	20.0

316728 1998 QB_{60} 12 16.6 126°.90 4°.4/16.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 3.31	+10 5.3	2.425	3.179	13.3	21.1
11 17	5 59.08	+ 9 35.0	2.342	3.186	10.8	20.9
11 27	5 52.90	+ 9 11.1	2.282	3.193	8.1	20.8
12 7	5 45.27	+ 8 55.7	2.248	3.199	5.5	20.6
12 17	5 36.89	+ 8 50.2	2.243	3.205	4.4	20.6
12 27	5 28.62	+ 8 55.3	2.268	3.211	5.9	20.7
1 6	5 21.26	+ 9 10.7	2.321	3.217	8.5	20.8
1 16	5 15.48	+ 9 35.3	2.399	3.223	11.1	21.0

434300 2004 EV_{43} 12 16.6 14°.35 5°.2/16.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.09	+31 38.1	1.210	2.016	21.3	20.2
11 17	6 5.73	+32 31.3	1.141	2.018	17.3	19.9
11 27	5 59.07	+33 19.3	1.091	2.022	12.7	19.7
12 7	5 48.89	+33 55.2	1.061	2.026	7.9	19.4
12 17	5 36.72	+34 12.4	1.056	2.031	5.2	19.3
12 27	5 24.75	+34 8.7	1.075	2.037	8.0	19.5
1 6	5 15.08	+33 47.5	1.119	2.043	12.7	19.7
1 16	5 9.09	+33 15.8	1.183	2.051	17.1	20.0

244785 2003 SJ_{195} 12 16.6 65°.67 3°.0/16.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 3.47	+16 27.0	2.246	3.015	13.8	20.1
11 17	5 59.43	+15 47.4	2.162	3.020	11.0	20.0
11 27	5 53.24	+15 9.7	2.101	3.025	7.9	19.8
12 7	5 45.47	+14 35.7	2.066	3.030	4.6	19.6
12 17	5 36.89	+14 7.0	2.060	3.035	3.0	19.5
12 27	5 28.45	+13 45.3	2.083	3.040	5.2	19.6
1 6	5 21.05	+13 31.5	2.136	3.045	8.4	19.8
1 16	5 15.38	+13 26.2	2.214	3.051	11.4	20.0

118160 5646 $T\text{-}_{3}$ 12 16.6 100°.87 0°.8/16.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.91	+20 8.3	2.104	2.873	14.6	20.4
11 17	6 2.37	+20 20.1	2.024	2.884	11.6	20.2
11 27	5 55.40	+20 34.2	1.967	2.896	8.0	20.0
12 7	5 46.60	+20 49.9	1.936	2.907	4.1	19.8
12 17	5 36.84	+21 5.9	1.934	2.918	0.8	19.6
12 27	5 27.22	+21 21.7	1.963	2.929	4.4	19.9
1 6	5 18.77	+21 37.2	2.020	2.940	8.2	20.1
1 16	5 12.31	+21 53.0	2.103	2.950	11.5	20.4

354405 2003 UW_{166} 12 16.6 19°.96 5°.9/16.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.60	+33 32.1	1.363	2.159	19.8	20.7
11 17	6 4.90	+34 32.9	1.296	2.165	16.2	20.5
11 27	5 58.23	+35 27.2	1.248	2.173	12.0	20.3
12 7	5 48.37	+36 7.9	1.222	2.181	7.9	20.1
12 17	5 36.76	+36 28.8	1.221	2.191	5.9	20.0
12 27	5 25.39	+36 27.8	1.245	2.201	8.0	20.2
1 6	5 16.12	+36 8.2	1.294	2.212	11.9	20.4
1 16	5 10.22	+35 36.4	1.365	2.224	15.8	20.7

474723 2005 LM_{44} 12 16.6 142°.40 1°.4/16.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 12.24	+17 58.7	1.865	2.629	16.4	21.9
11 17	6 6.91	+18 16.5	1.784	2.641	13.1	21.7
11 27	5 58.73	+18 39.4	1.726	2.652	9.1	21.5
12 7	5 48.35	+19 6.1	1.693	2.662	4.7	21.3
12 17	5 36.78	+19 35.0	1.689	2.672	1.4	21.1
12 27	5 25.34	+20 4.5	1.716	2.681	5.1	21.3
1 6	5 15.30	+20 34.1	1.771	2.689	9.3	21.6
1 16	5 7.59	+21 3.8	1.852	2.696	13.0	21.9

312905 2011 UH_{317} 12 16.6 74°.62 0°.5/16.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 6.60	+23 0.5	1.889	2.667	15.7	20.6
11 17	6 2.53	+22 45.8	1.803	2.668	12.5	20.4
11 27	5 55.73	+22 29.9	1.738	2.669	8.7	20.1
12 7	5 46.85	+22 12.2	1.699	2.670	4.4	19.9
12 17	5 36.85	+21 52.8	1.687	2.671	0.6	19.6
12 27	5 26.98	+21 32.8	1.705	2.672	4.8	19.9
1 6	5 18.43	+21 14.0	1.751	2.673	9.1	20.2
1 16	5 12.10	+20 58.4	1.822	2.674	12.8	20.4

14341 1983 RV_{3} 12 16.6 105°.48 2°.7/16.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.81	+16 6.8	2.105	2.871	14.7	18.4
11 17	6 2.13	+15 46.5	2.031	2.887	11.7	18.3
11 27	5 55.12	+15 29.8	1.978	2.902	8.3	18.1
12 7	5 46.41	+15 17.7	1.952	2.917	4.7	17.9
12 17	5 36.87	+15 10.9	1.954	2.931	2.7	17.8
12 27	5 27.54	+15 10.0	1.986	2.946	5.1	18.0
1 6	5 19.40	+15 15.2	2.047	2.960	8.5	18.2
1 16	5 13.18	+15 26.5	2.134	2.973	11.7	18.4

298038 2002 PQ_{164} 12 16.6 43°.76 1°.3/16.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.30	+26 21.2	1.457	2.251	18.8	20.7
11 17	6 4.50	+26 27.1	1.397	2.271	14.9	20.5
11 27	5 57.32	+26 30.0	1.357	2.291	10.4	20.3
12 7	5 47.65	+26 27.5	1.341	2.312	5.3	20.1
12 17	5 36.82	+26 18.1	1.351	2.334	1.3	19.9
12 27	5 26.45	+26 2.7	1.388	2.356	5.5	20.2
1 6	5 17.98	+25 43.7	1.452	2.378	10.1	20.5
1 16	5 12.36	+25 24.6	1.539	2.401	14.1	20.8

477316 2009 SE_{342} 12 16.6 75°.09 0°.8/16.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 9.55	+25 11.1	1.499	2.289	18.6	21.8
11 17	6 5.69	+25 14.5	1.421	2.293	14.9	21.6
11 27	5 58.36	+25 16.0	1.363	2.297	10.4	21.3
12 7	5 48.31	+25 13.4	1.329	2.301	5.3	21.1
12 17	5 36.79	+25 5.2	1.321	2.304	0.8	20.7
12 27	5 25.47	+24 51.6	1.340	2.308	5.6	21.1
1 6	5 15.92	+24 35.0	1.387	2.312	10.6	21.4
1 16	5 9.25	+24 18.6	1.456	2.316	14.9	21.7

208751 2002 OD_{17} 12 16.6 96°.17 9°.0/16.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 4.89	+ 0 22.0	1.886	2.627	17.0	20.1
11 17	6 0.89	− 0 31.8	1.813	2.633	14.5	19.9
11 27	5 54.44	− 1 10.8	1.760	2.639	11.9	19.8
12 7	5 46.15	− 1 30.1	1.730	2.645	9.8	19.6
12 17	5 36.90	− 1 26.3	1.725	2.651	9.0	19.6
12 27	5 27.78	− 0 58.4	1.747	2.657	9.9	19.7
1 6	5 19.84	− 0 8.8	1.794	2.662	12.1	19.8
1 16	5 13.88	+ 0 58.3	1.865	2.668	14.6	20.0

516488 2005 UV_{295} 12 16.6 13°.00 4°.5/16.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 9.71	+30 17.6	1.442	2.232	19.2	21.8
11 17	6 6.39	+31 17.4	1.365	2.233	15.6	21.6
11 27	5 59.24	+32 14.8	1.307	2.235	11.3	21.3
12 7	5 48.93	+33 3.7	1.272	2.236	6.9	21.1
12 17	5 36.76	+33 37.7	1.263	2.238	4.5	21.0
12 27	5 24.63	+33 53.7	1.281	2.241	7.2	21.1
1 6	5 14.40	+33 53.2	1.324	2.244	11.6	21.4
1 16	5 7.39	+33 41.1	1.390	2.247	15.7	21.6

416201 2002 TY_{315} 12 16.6 277°.95 4°.3/16.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 2.15	+ 9 17.6	2.477	3.231	13.1	20.8
11 17	5 58.23	+ 9 1.5	2.387	3.230	10.7	20.6
11 27	5 52.38	+ 8 52.9	2.319	3.229	8.0	20.4
12 7	5 45.07	+ 8 53.4	2.278	3.228	5.5	20.3
12 17	5 36.96	+ 9 4.2	2.264	3.227	4.3	20.2
12 27	5 28.88	+ 9 25.2	2.281	3.226	5.7	20.3
1 6	5 21.65	+ 9 55.9	2.326	3.226	8.3	20.5
1 16	5 15.92	+10 34.5	2.397	3.225	11.0	20.6

435505 2008 HG_{10} 12 16.6 110°.75 4°.0/16.8 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 14.39	+31 16.1	1.663	2.432	17.9	21.9
11 17	6 9.36	+32 2.2	1.591	2.446	14.4	21.7
11 27	6 0.81	+32 43.6	1.539	2.460	10.4	21.5
12 7	5 49.51	+33 14.7	1.512	2.474	6.3	21.3
12 17	5 36.77	+33 31.0	1.512	2.487	4.0	21.1
12 27	5 24.28	+33 31.0	1.541	2.499	6.4	21.3
1 6	5 13.65	+33 17.2	1.597	2.512	10.3	21.6
1 16	5 6.00	+32 54.6	1.677	2.524	14.0	21.8

398518 2011 UE_{265} 12 16.6 156°.52 2°.4/16.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.86	+18 49.5	2.147	2.912	14.5	21.8
11 17	6 3.00	+18 5.7	2.061	2.917	11.6	21.6
11 27	5 55.76	+17 21.9	1.997	2.922	8.1	21.4
12 7	5 46.78	+16 39.4	1.960	2.927	4.5	21.2
12 17	5 36.90	+15 59.9	1.952	2.931	2.5	21.1
12 27	5 27.19	+15 25.6	1.975	2.935	5.1	21.2
1 6	5 18.66	+14 58.4	2.027	2.938	8.7	21.5
1 16	5 12.07	+14 39.5	2.105	2.941	12.0	21.7

140504 2001 TO_{161} 12 16.6 41°.20 0°.7/16.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 5.80	+22 23.8	1.802	2.585	16.2	20.5
11 17	6 1.97	+22 9.9	1.723	2.591	12.9	20.3
11 27	5 55.37	+21 55.3	1.664	2.597	8.9	20.1
12 7	5 46.68	+21 39.9	1.631	2.603	4.5	19.8
12 17	5 36.90	+21 23.6	1.626	2.609	0.8	19.6
12 27	5 27.31	+21 7.5	1.649	2.616	4.9	19.9
1 6	5 19.10	+20 53.2	1.700	2.623	9.2	20.2
1 16	5 13.17	+20 42.4	1.775	2.630	12.9	20.4

5111 Jacliff 12 16.6 80°.79 1°.3/16.4 18

11 7	6 10.31	+22 24.1	1.514	2.302	18.6	16.4
11 17	6 5.90	+21 54.6	1.446	2.316	14.7	16.1
11 27	5 58.22	+21 23.6	1.397	2.330	10.2	15.9
12 7	5 48.11	+20 51.3	1.373	2.344	5.2	15.7
12 17	5 36.85	+20 18.7	1.375	2.358	1.3	15.4
12 27	5 25.97	+19 48.0	1.406	2.372	5.7	15.8
1 6	5 16.90	+19 21.8	1.463	2.386	10.4	16.1
1 16	5 10.58	+19 2.6	1.545	2.400	14.5	16.4

79324 1996 PH_{8} 12 16.6 204°.25 0°.2/16.6 18

11 7	6 7.30	+24 7.2	2.439	3.199	13.1	21.2
11 17	6 2.52	+24 8.0	2.339	3.194	10.4	21.0
11 27	5 55.47	+24 7.6	2.263	3.189	7.2	20.8
12 7	5 46.68	+24 4.9	2.213	3.184	3.7	20.6
12 17	5 36.91	+23 59.3	2.194	3.178	0.3	20.3
12 27	5 27.16	+23 50.8	2.205	3.172	4.0	20.6
1 6	5 18.40	+23 40.6	2.247	3.165	7.6	20.8
1 16	5 11.42	+23 30.3	2.315	3.157	10.8	21.0

81044 2000 EF_{59} 12 16.6 173°.88 6°.6/15.7 18

11 7	6 4.81	+ 5 46.1	2.243	2.988	14.5	20.0
11 17	6 0.46	+ 4 47.4	2.159	2.990	12.1	19.9
11 27	5 53.97	+ 3 56.9	2.097	2.991	9.5	19.7
12 7	5 45.88	+ 3 18.5	2.060	2.992	7.4	19.6
12 17	5 36.95	+ 2 55.3	2.051	2.993	6.6	19.5
12 27	5 28.10	+ 2 48.9	2.071	2.994	7.8	19.6
1 6	5 20.24	+ 2 59.4	2.118	2.994	10.2	19.8
1 16	5 14.07	+ 3 24.7	2.189	2.993	12.7	19.9

454387 2014 MD_{64} 12 16.6 235°.78 9°.9/19.4 17

11 7	6 28.43	+46 53.0	1.325	2.065	23.0	20.8
11 17	6 22.79	+47 1.6	1.235	2.057	19.9	20.5
11 27	6 11.36	+46 46.1	1.161	2.048	16.2	20.3
12 7	5 55.17	+45 53.6	1.107	2.038	12.4	20.0
12 17	5 36.54	+44 14.5	1.078	2.028	10.0	19.8
12 27	5 18.70	+41 50.4	1.074	2.017	10.9	19.9
1 6	5 4.43	+38 55.8	1.097	2.005	14.6	20.0
1 16	4 55.25	+35 51.2	1.144	1.994	18.9	20.3

203173 2000 YL_{98} 12 16.6 353°.82 5°.3/17.0 18 R

11 7	5 59.20	+11 14.4	1.140	1.960	21.5	19.2
11 17	5 58.27	+11 15.2	1.066	1.951	17.6	18.9
11 27	5 53.74	+11 31.5	1.008	1.943	13.0	18.6
12 7	5 46.23	+12 6.0	0.972	1.938	8.1	18.3
12 17	5 36.92	+12 59.0	0.958	1.934	5.3	18.2
12 27	5 27.57	+14 7.9	0.968	1.932	8.1	18.3
1 6	5 19.93	+15 27.9	1.001	1.932	13.1	18.6
1 16	5 15.33	+16 53.6	1.055	1.934	17.8	18.9

399763 2005 JS_{157} 12 16.6 169°.43 3°.3/16.0 18

11 7	6 6.33	+14 2.7	2.596	3.346	12.6	22.5
11 17	6 1.34	+13 23.9	2.506	3.351	10.2	22.4
11 27	5 54.41	+12 48.1	2.439	3.355	7.4	22.2
12 7	5 46.05	+12 16.8	2.400	3.358	4.6	22.0
12 17	5 36.95	+11 51.7	2.391	3.361	3.3	22.0
12 27	5 27.95	+11 34.1	2.413	3.363	5.1	22.1
1 6	5 19.86	+11 24.7	2.465	3.364	7.9	22.3
1 16	5 13.33	+11 23.8	2.543	3.365	10.6	22.4

9186 Fumikotsukimoto 12 16.6 184°.78 11°.7/14.9 18 R

11 7	6 7.73	− 6 42.1	2.052	2.752	17.0	18.8
11 17	6 2.99	− 8 19.0	1.977	2.752	15.1	18.6
11 27	5 55.85	− 9 39.9	1.922	2.752	13.3	18.5
12 7	5 46.89	−10 37.8	1.889	2.751	12.0	18.4
12 17	5 36.93	−11 7.1	1.881	2.749	11.7	18.4
12 27	5 27.03	−11 5.1	1.898	2.747	12.5	18.4
1 6	5 18.23	−10 33.4	1.938	2.744	14.0	18.5
1 16	5 11.35	− 9 36.1	1.999	2.740	15.9	18.7

272356 2005 SC_{165} 12 16.6 120°.31 1°.4/16.5 18

11 7	6 11.49	+20 1.4	1.818	2.588	16.5	21.9
11 17	6 6.27	+19 51.3	1.745	2.605	13.1	21.8
11 27	5 58.22	+19 42.7	1.693	2.621	9.1	21.5
12 7	5 48.07	+19 35.3	1.667	2.637	4.7	21.3
12 17	5 36.88	+19 29.0	1.669	2.652	1.4	21.1
12 27	5 25.98	+19 24.3	1.701	2.666	5.1	21.4
1 6	5 16.58	+19 22.3	1.762	2.680	9.3	21.7
1 16	5 9.55	+19 23.9	1.848	2.693	12.9	21.9

115532 2003 UP_{52} 12 16.6 26°.83 1°.8/16.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 5.59	+29 42.1	1.866	2.645	15.8	18.7
11 17	6 1.81	+29 31.7	1.790	2.654	12.7	18.5
11 27	5 55.24	+29 14.9	1.734	2.663	8.9	18.3
12 7	5 46.60	+28 50.0	1.704	2.673	4.8	18.1
12 17	5 36.95	+28 16.6	1.701	2.683	1.8	17.9
12 27	5 27.58	+27 36.2	1.728	2.694	4.8	18.2
1 6	5 19.69	+26 52.2	1.782	2.706	8.8	18.4
1 16	5 14.11	+26 8.6	1.861	2.717	12.3	18.7

147066 2002 RD_{175} 12 16.6 129°.72 0°.7/16.7 18

11 7	6 13.07	+26 0.1	1.765	2.535	17.0	20.8
11 17	6 7.77	+25 53.7	1.688	2.548	13.5	20.5
11 27	5 59.39	+25 43.8	1.633	2.561	9.4	20.3
12 7	5 48.70	+25 28.8	1.603	2.573	4.8	20.1
12 17	5 36.86	+25 7.8	1.601	2.585	0.7	19.8
12 27	5 25.34	+24 41.8	1.629	2.596	5.0	20.2
1 6	5 15.47	+24 13.7	1.685	2.606	9.4	20.4
1 16	5 8.20	+23 46.8	1.767	2.616	13.3	20.7

103338 2000 AN_{78} 12 16.6 6°.00 1°.7/16.4 18

11 7	6 2.05	+21 21.1	1.272	2.088	19.9	19.1
11 17	6 0.14	+20 56.2	1.202	2.088	15.9	18.9
11 27	5 54.73	+20 31.1	1.149	2.090	11.1	18.6
12 7	5 46.57	+20 6.7	1.119	2.092	5.7	18.3
12 17	5 36.95	+19 44.2	1.113	2.097	1.7	18.1
12 27	5 27.55	+19 25.2	1.133	2.102	6.3	18.4
1 6	5 19.95	+19 12.1	1.178	2.109	11.5	18.7
1 16	5 15.26	+19 6.2	1.244	2.117	16.1	19.0

464408 2016 BE_{20} 12 16.6 254°.30 0°.3/16.6 18

11 7	6 4.29	+24 3.1	2.413	3.180	13.0	21.7
11 17	6 0.20	+24 9.2	2.318	3.177	10.3	21.5
11 27	5 53.90	+24 14.6	2.246	3.174	7.2	21.3
12 7	5 45.91	+24 18.2	2.200	3.171	3.6	21.1
12 17	5 36.99	+24 19.1	2.184	3.168	0.3	20.8
12 27	5 28.10	+24 17.3	2.198	3.165	3.9	21.1
1 6	5 20.18	+24 13.6	2.241	3.161	7.5	21.3
1 16	5 13.98	+24 9.4	2.311	3.158	10.6	21.5

75275 1999 XG_{19} 12 16.6 98°.64 2°.6/16.7 18

11 7	6 15.06	+27 52.5	1.583	2.357	18.4	19.0
11 17	6 9.80	+28 30.5	1.517	2.378	14.7	18.8
11 27	6 1.04	+29 5.8	1.471	2.398	10.4	18.6
12 7	5 49.61	+29 34.0	1.451	2.418	5.7	18.4
12 17	5 36.84	+29 51.0	1.457	2.437	2.6	18.2
12 27	5 24.44	+29 55.8	1.493	2.456	5.8	18.5
1 6	5 13.97	+29 50.3	1.555	2.475	10.2	18.8
1 16	5 6.49	+29 38.8	1.643	2.493	14.1	19.1

70577 1999 TK_{163} 12 16.6 261°.38 2°.5/16.5 18

11 7	6 6.36	+17 6.7	1.897	2.672	15.8	19.5
11 17	6 2.47	+16 55.5	1.798	2.660	12.7	19.3
11 27	5 55.84	+16 48.0	1.721	2.648	9.0	19.0
12 7	5 47.04	+16 44.8	1.668	2.636	5.0	18.7
12 17	5 36.94	+16 46.4	1.644	2.624	2.5	18.5
12 27	5 26.76	+16 53.0	1.649	2.612	5.5	18.7
1 6	5 17.71	+17 4.9	1.681	2.599	9.7	18.9
1 16	5 10.80	+17 22.2	1.738	2.586	13.5	19.1

423244 2004 TU_{136} 12 16.6 70°.14 4°.6/17.1 18

11 7	6 17.36	+32 5.2	1.220	2.010	22.0	20.9
11 17	6 12.54	+32 40.1	1.169	2.036	17.7	20.7
11 27	6 3.32	+33 6.6	1.135	2.061	12.7	20.5
12 7	5 50.80	+33 18.4	1.123	2.087	7.6	20.3
12 17	5 36.80	+33 10.7	1.136	2.112	4.6	20.2
12 27	5 23.59	+32 44.3	1.176	2.138	7.4	20.4
1 6	5 13.07	+32 4.9	1.240	2.163	11.9	20.8
1 16	5 6.36	+31 20.3	1.328	2.187	16.1	21.1

198702 2005 CE_{26} 12 16.6 217°.95 0°.5/16.7 18

11 7	6 8.56	+24 52.9	2.157	2.922	14.4	21.2
11 17	6 3.92	+24 56.1	2.058	2.915	11.5	21.0
11 27	5 56.67	+24 57.8	1.981	2.908	8.1	20.8
12 7	5 47.39	+24 56.5	1.930	2.900	4.1	20.5
12 17	5 36.94	+24 51.0	1.908	2.892	0.5	20.2
12 27	5 26.48	+24 41.4	1.917	2.883	4.4	20.5
1 6	5 17.16	+24 28.9	1.955	2.874	8.4	20.7
1 16	5 9.89	+24 15.9	2.019	2.865	12.0	20.9

159752 2003 FS_{68} 12 16.6 251°.64 3°.0/16.4 18

11 7	6 7.40	+16 10.9	1.817	2.592	16.4	20.8
11 17	6 3.41	+15 52.6	1.719	2.580	13.2	20.6
11 27	5 56.57	+15 38.2	1.641	2.567	9.5	20.3
12 7	5 47.44	+15 29.1	1.588	2.555	5.5	20.1
12 17	5 36.94	+15 26.0	1.563	2.541	3.1	19.9
12 27	5 26.33	+15 29.7	1.567	2.528	6.0	20.1
1 6	5 16.93	+15 40.5	1.598	2.514	10.2	20.3
1 16	5 9.75	+15 58.4	1.654	2.500	14.2	20.5

447866 2007 VC_{67} 12 16.6 332.°44 1.°8/16.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 0.26	+22 42.4	1.323	2.139	19.2	20.1
11 17	5 59.00	+22 0.3	1.226	2.114	15.6	19.8
11 27	5 54.24	+21 13.0	1.148	2.089	11.0	19.5
12 7	5 46.52	+20 21.8	1.093	2.066	5.8	19.1
12 17	5 36.97	+19 28.8	1.061	2.044	1.9	18.8
12 27	5 27.25	+18 38.0	1.055	2.024	6.7	19.1
1 6	5 19.08	+17 53.9	1.073	2.005	12.3	19.3
1 16	5 13.83	+17 20.6	1.113	1.987	17.4	19.5

91546 1999 RV_{209} 12 16.6 52.°91 4.°5/17.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 9.02	+35 57.3	2.006	2.765	15.5	18.8
11 17	6 4.59	+36 17.5	1.928	2.774	12.7	18.6
11 27	5 57.22	+36 28.6	1.871	2.784	9.4	18.4
12 7	5 47.63	+36 26.7	1.840	2.793	6.2	18.2
12 17	5 36.93	+36 9.3	1.835	2.803	4.5	18.1
12 27	5 26.51	+35 36.7	1.860	2.813	6.0	18.3
1 6	5 17.64	+34 52.2	1.912	2.824	9.1	18.5
1 16	5 11.22	+34 1.1	1.989	2.834	12.2	18.7

307253 2002 LU_{32} 12 16.6 226.°26 7.°3/16.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.01	+ 3 52.0	1.933	2.681	16.4	20.4
11 17	6 1.90	+ 3 20.1	1.845	2.677	13.8	20.2
11 27	5 55.28	+ 3 1.0	1.777	2.672	11.0	20.0
12 7	5 46.69	+ 2 58.4	1.733	2.667	8.4	19.8
12 17	5 36.99	+ 3 14.8	1.716	2.662	7.3	19.7
12 27	5 27.28	+ 3 50.9	1.726	2.656	8.6	19.8
1 6	5 18.66	+ 4 44.5	1.764	2.651	11.3	19.9
1 16	5 12.02	+ 5 52.0	1.825	2.645	14.2	20.1

113627 2002 TH_{67} 12 16.6 156.°26 4.°7/17.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 13.80	+38 30.1	2.511	3.240	13.5	20.1
11 17	6 7.83	+38 56.2	2.425	3.249	11.2	20.0
11 27	5 59.20	+39 13.3	2.360	3.257	8.5	19.8
12 7	5 48.56	+39 17.4	2.322	3.264	6.0	19.7
12 17	5 36.92	+39 5.6	2.313	3.271	4.7	19.6
12 27	5 25.48	+38 37.7	2.334	3.277	5.8	19.7
1 6	5 15.39	+37 56.5	2.385	3.282	8.2	19.8
1 16	5 7.53	+37 6.7	2.462	3.287	10.8	20.0

229873 2009 UD_{30} 12 16.6 110.°24 2.°8/16.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.03	+30 25.3	2.400	3.157	13.4	20.6
11 17	6 3.24	+31 2.7	2.318	3.167	10.7	20.4
11 27	5 56.04	+31 36.7	2.258	3.178	7.7	20.2
12 7	5 47.00	+32 4.1	2.226	3.188	4.6	20.1
12 17	5 36.98	+32 22.4	2.222	3.198	2.8	19.9
12 27	5 27.06	+32 30.4	2.249	3.208	4.7	20.1
1 6	5 18.26	+32 29.2	2.305	3.217	7.7	20.3
1 16	5 11.42	+32 21.2	2.388	3.227	10.6	20.5

296227 2009 CK_{38} 12 16.6 59.°52 0.°5/16.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.44	+21 35.3	1.681	2.466	17.1	21.2
11 17	6 3.53	+21 41.8	1.604	2.473	13.6	21.0
11 27	5 56.62	+21 49.8	1.548	2.481	9.4	20.7
12 7	5 47.41	+21 58.3	1.517	2.488	4.8	20.5
12 17	5 36.97	+22 6.0	1.512	2.496	0.5	20.2
12 27	5 26.70	+22 12.6	1.537	2.504	5.1	20.6
1 6	5 17.92	+22 18.7	1.588	2.513	9.6	20.8
1 16	5 11.60	+22 25.6	1.664	2.521	13.6	21.1

295175 2008 FL_{86} 12 16.6 187.°46 0.°3/16.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.42	+23 52.3	2.067	2.839	14.7	21.9
11 17	6 2.26	+23 59.9	1.977	2.839	11.7	21.7
11 27	5 55.53	+24 7.0	1.909	2.839	8.2	21.4
12 7	5 46.81	+24 12.2	1.868	2.839	4.1	21.2
12 17	5 37.00	+24 14.5	1.855	2.839	0.4	20.9
12 27	5 27.24	+24 13.6	1.871	2.838	4.4	21.2
1 6	5 18.66	+24 10.4	1.916	2.838	8.4	21.5
1 16	5 12.15	+24 6.8	1.987	2.837	12.0	21.7

485759 2012 BM_{152} 12 16.6 35.°56 3.°7/16.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 4.93	+12 53.7	1.781	2.558	16.6	21.1
11 17	6 1.24	+12 51.5	1.704	2.565	13.4	20.9
11 27	5 54.89	+12 57.7	1.647	2.571	9.6	20.7
12 7	5 46.50	+13 13.4	1.615	2.578	5.8	20.5
12 17	5 37.01	+13 38.5	1.610	2.585	3.7	20.3
12 27	5 27.64	+14 12.2	1.633	2.593	6.0	20.5
1 6	5 19.53	+14 53.0	1.684	2.600	9.8	20.7
1 16	5 13.59	+15 39.1	1.759	2.608	13.3	21.0

256586 2007 TU_{392} 12 16.6 71.°34 2.°6/16.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 14.33	+28 2.1	1.256	2.051	21.2	20.8
11 17	6 9.98	+28 27.2	1.198	2.071	17.0	20.6
11 27	6 1.53	+28 48.4	1.159	2.091	11.9	20.3
12 7	5 49.95	+29 1.0	1.142	2.111	6.4	20.1
12 17	5 36.88	+29 1.4	1.150	2.131	2.6	19.9
12 27	5 24.38	+28 49.4	1.185	2.152	6.5	20.2
1 6	5 14.26	+28 28.8	1.245	2.172	11.5	20.6
1 16	5 7.65	+28 4.8	1.329	2.191	15.9	20.9

309914 2009 FM_{14} 12 16.6 204.°07 3.°1/16.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 6.82	+12 25.0	2.522	3.270	13.0	21.5
11 17	6 1.97	+12 23.3	2.422	3.265	10.5	21.4
11 27	5 55.04	+12 27.8	2.344	3.259	7.7	21.2
12 7	5 46.49	+12 39.2	2.294	3.253	4.7	21.0
12 17	5 37.02	+12 57.8	2.273	3.246	3.1	20.9
12 27	5 27.52	+13 23.2	2.283	3.238	5.0	21.0
1 6	5 18.85	+13 54.7	2.324	3.230	8.0	21.1
1 16	5 11.77	+14 31.3	2.391	3.221	10.9	21.3

301974 2000 GU_{171} 12 16.6 308.°95 3.°9/16.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 4.74	+12 21.9	1.657	2.439	17.4	20.6
11 17	6 1.78	+12 28.2	1.550	2.414	14.3	20.4
11 27	5 55.80	+12 45.3	1.464	2.389	10.5	20.1
12 7	5 47.24	+13 14.9	1.401	2.365	6.4	19.8
12 17	5 36.98	+13 57.2	1.365	2.341	3.9	19.6
12 27	5 26.36	+14 51.0	1.356	2.317	6.7	19.7
1 6	5 16.82	+15 53.6	1.374	2.294	11.2	19.9
1 16	5 9.61	+17 2.2	1.416	2.271	15.6	20.1

139538 2001 QZ_{35} 12 16.6 41.°96 1.°9/16.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.79	+17 45.0	1.688	2.473	17.0	19.2
11 17	6 2.11	+17 47.3	1.614	2.482	13.6	19.0
11 27	5 55.58	+17 54.5	1.560	2.492	9.5	18.8
12 7	5 46.87	+18 6.3	1.532	2.501	5.1	18.5
12 17	5 37.01	+18 22.1	1.530	2.512	2.0	18.4
12 27	5 27.33	+18 41.3	1.556	2.522	5.4	18.6
1 6	5 19.06	+19 3.5	1.610	2.533	9.7	18.9
1 16	5 13.13	+19 28.4	1.688	2.544	13.5	19.1

240154 2002 NJ_{37} 12 16.6 158.°02 3.°6/16.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.97	+13 9.3	2.271	3.027	14.0	21.3
11 17	6 2.18	+12 44.2	2.186	3.034	11.3	21.1
11 27	5 55.18	+12 24.0	2.123	3.040	8.2	20.9
12 7	5 46.54	+12 10.3	2.087	3.045	5.1	20.7
12 17	5 37.04	+12 4.2	2.079	3.050	3.6	20.7
12 27	5 27.64	+12 6.4	2.102	3.055	5.5	20.8
1 6	5 19.28	+12 16.9	2.154	3.059	8.6	21.0
1 16	5 12.68	+12 35.1	2.232	3.062	11.6	21.2

32100 2000 KU_{48} 12 16.6 138.°09 1.°3/16.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 10.55	+19 32.4	2.007	2.771	15.4	20.5
11 17	6 5.36	+19 31.4	1.927	2.784	12.2	20.3
11 27	5 57.55	+19 32.5	1.869	2.796	8.5	20.1
12 7	5 47.78	+19 35.3	1.838	2.807	4.4	19.9
12 17	5 36.99	+19 39.3	1.835	2.818	1.3	19.6
12 27	5 26.38	+19 44.3	1.863	2.828	4.7	19.9
1 6	5 17.07	+19 50.8	1.920	2.837	8.7	20.2
1 16	5 9.92	+19 59.7	2.003	2.846	12.2	20.4

78630 2002 TG_{27} 12 16.6 186.°55 0.°5/16.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.23	+22 36.4	2.067	2.838	14.8	19.8
11 17	6 2.84	+22 27.7	1.977	2.838	11.8	19.6
11 27	5 55.90	+22 18.3	1.908	2.837	8.2	19.3
12 7	5 46.99	+22 7.7	1.866	2.837	4.1	19.1
12 17	5 37.02	+21 55.7	1.852	2.836	0.5	18.8
12 27	5 27.13	+21 42.7	1.868	2.835	4.5	19.1
1 6	5 18.44	+21 30.3	1.913	2.834	8.5	19.4
1 16	5 11.80	+21 20.1	1.984	2.832	12.1	19.6

51737 2001 KD_{48} 12 16.6 215.°22 0.°5/16.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 10.26	+25 6.6	1.687	2.466	17.3	19.8
11 17	6 5.99	+25 2.6	1.597	2.463	13.8	19.6
11 27	5 58.50	+24 56.1	1.528	2.459	9.7	19.3
12 7	5 48.45	+24 45.6	1.484	2.455	4.9	19.0
12 17	5 36.96	+24 29.7	1.466	2.450	0.5	18.7
12 27	5 25.53	+24 9.3	1.478	2.446	5.3	19.0
1 6	5 15.63	+23 46.7	1.517	2.441	10.1	19.3
1 16	5 8.37	+23 25.1	1.581	2.435	14.3	19.5

307395 2002 TC_{67} 12 16.6 94.°57 5.°9/15.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 3.90	+ 7 24.3	2.486	3.230	13.3	19.8
11 17	5 59.42	+ 6 7.6	2.412	3.244	11.0	19.7
11 27	5 53.07	+ 4 57.0	2.361	3.257	8.5	19.5
12 7	5 45.40	+ 3 56.3	2.337	3.270	6.6	19.4
12 17	5 37.10	+ 3 8.8	2.342	3.283	5.9	19.4
12 27	5 28.97	+ 2 36.6	2.377	3.296	7.1	19.5
1 6	5 21.77	+ 2 20.4	2.439	3.309	9.2	19.6
1 16	5 16.11	+ 2 19.2	2.526	3.322	11.4	19.8

138900 2000 YW_{97} 12 16.6 331.°57 3.°8/16.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.75	+14 23.1	1.342	2.140	20.0	19.7
11 17	6 3.80	+14 18.6	1.261	2.135	16.2	19.4
11 27	5 57.34	+14 23.4	1.199	2.131	11.7	19.2
12 7	5 48.01	+14 39.1	1.159	2.127	6.8	18.9
12 17	5 36.98	+15 5.6	1.144	2.123	3.8	18.7
12 27	5 25.92	+15 42.0	1.156	2.120	7.1	18.9
1 6	5 16.50	+16 26.2	1.192	2.117	12.1	19.1
1 16	5 9.98	+17 16.2	1.251	2.114	16.7	19.4

229299 2005 ET_{30} 12 16.6 7°.97 6°.0/16.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 0.51	+ 8 35.8	1.646	2.430	17.4	19.6
11 17	5 57.94	+ 8 11.7	1.573	2.433	14.3	19.4
11 27	5 52.71	+ 7 59.1	1.519	2.436	10.8	19.2
12 7	5 45.45	+ 8 1.1	1.488	2.441	7.5	19.0
12 17	5 37.10	+ 8 19.3	1.483	2.446	6.0	19.0
12 27	5 28.86	+ 8 53.7	1.504	2.453	7.7	19.1
1 6	5 21.89	+ 9 41.9	1.551	2.461	10.9	19.3
1 16	5 17.07	+10 40.7	1.621	2.470	14.3	19.5

408033 2012 FO_{42} 12 16.6 122°.84 4°.9/17.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 10.58	+39 7.6	2.453	3.188	13.6	20.8
11 17	6 5.40	+39 32.8	2.369	3.197	11.3	20.6
11 27	5 57.57	+39 48.6	2.308	3.205	8.7	20.4
12 7	5 47.79	+39 51.0	2.272	3.213	6.2	20.3
12 17	5 37.01	+39 37.5	2.265	3.221	4.9	20.2
12 27	5 26.45	+39 7.8	2.287	3.229	6.0	20.3
1 6	5 17.24	+38 25.0	2.338	3.236	8.3	20.5
1 16	5 10.22	+37 33.5	2.415	3.244	10.9	20.7

345528 2006 MG_{6} 12 16.6 171°.25 8°.5/18.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 16.42	+ 0 59.6	1.268	2.023	23.1	20.2
11 17	6 11.64	+ 1 22.3	1.189	2.025	19.6	20.0
11 27	6 2.93	+ 2 12.9	1.126	2.026	15.4	19.7
12 7	5 50.91	+ 3 35.9	1.085	2.028	11.1	19.5
12 17	5 36.89	+ 5 30.9	1.069	2.028	8.5	19.4
12 27	5 22.77	+ 7 51.5	1.081	2.029	10.1	19.5
1 6	5 10.48	+10 26.8	1.119	2.029	14.2	19.7
1 16	5 1.46	+13 5.7	1.182	2.028	18.6	20.0

179653 2002 PX_{175} 12 16.6 205°.85 0°.4/16.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 10.36	+21 46.5	1.677	2.456	17.4	20.6
11 17	6 6.07	+21 54.0	1.588	2.453	13.9	20.3
11 27	5 58.58	+22 3.2	1.519	2.450	9.7	20.1
12 7	5 48.53	+22 12.6	1.475	2.447	4.9	19.8
12 17	5 37.00	+22 20.8	1.459	2.443	0.5	19.5
12 27	5 25.46	+22 27.1	1.471	2.439	5.4	19.8
1 6	5 15.39	+22 32.2	1.511	2.434	10.2	20.1
1 16	5 7.92	+22 37.9	1.576	2.429	14.4	20.3

217902 2001 SC_{73} 12 16.6 180°.99 15°.2/19.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 32.95	+53 50.9	1.366	2.078	23.6	20.2
11 17	6 27.98	+55 26.4	1.296	2.079	21.2	20.0
11 27	6 16.08	+56 41.2	1.241	2.080	18.6	19.8
12 7	5 58.07	+57 18.2	1.204	2.080	16.4	19.7
12 17	5 36.61	+57 2.5	1.188	2.080	15.2	19.6
12 27	5 15.91	+55 49.5	1.194	2.079	15.7	19.6
1 6	4 59.69	+53 49.5	1.222	2.077	17.5	19.7
1 16	4 49.81	+51 21.4	1.270	2.074	20.1	19.9

506163 2016 EZ_{204} 12 16.6 216°.86 13°.8/14.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 24.81	+42 53.2	1.287	2.045	22.7	21.7
11 17	6 21.32	+45 49.6	1.214	2.042	19.8	21.5
11 27	6 11.85	+48 42.2	1.160	2.039	16.7	21.3
12 7	5 56.46	+51 12.6	1.127	2.036	14.4	21.1
12 17	5 36.65	+53 1.0	1.118	2.032	13.9	21.1
12 27	5 15.78	+53 55.0	1.132	2.028	15.4	21.2
1 6	4 57.79	+53 57.4	1.168	2.024	18.1	21.3
1 16	4 45.53	+53 21.6	1.222	2.019	21.2	21.5

514750 2007 DS_{113} 12 16.6 254°.90 4°.7/16.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.87	+13 25.2	1.638	2.418	17.7	22.2
11 17	6 3.16	+12 49.1	1.551	2.413	14.4	22.0
11 27	5 56.48	+12 18.9	1.484	2.407	10.5	21.7
12 7	5 47.45	+11 57.2	1.440	2.402	6.7	21.5
12 17	5 37.06	+11 46.2	1.424	2.396	4.7	21.4
12 27	5 26.68	+11 47.4	1.435	2.390	7.2	21.5
1 6	5 17.66	+12 1.0	1.472	2.384	11.2	21.7
1 16	5 11.04	+12 25.9	1.533	2.379	15.1	21.9

445737 2011 UY_{385} 12 16.6 59°.51 3°.2/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.94	+30 23.0	1.798	2.572	16.5	21.1
11 17	6 4.81	+30 53.3	1.720	2.580	13.3	20.9
11 27	5 57.58	+31 19.2	1.663	2.587	9.5	20.7
12 7	5 47.95	+31 36.7	1.631	2.595	5.6	20.5
12 17	5 37.04	+31 42.7	1.626	2.603	3.2	20.3
12 27	5 26.30	+31 36.5	1.649	2.611	5.6	20.5
1 6	5 17.11	+31 20.2	1.700	2.619	9.5	20.8
1 16	5 10.49	+30 57.8	1.776	2.628	13.1	21.0

407231 2009 WA_{25} 12 16.6 5°.10 0°.8/16.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 2.59	+25 35.5	1.639	2.436	17.0	20.5
11 17	5 59.93	+25 36.8	1.560	2.436	13.5	20.3
11 27	5 54.28	+25 35.6	1.502	2.437	9.4	20.0
12 7	5 46.31	+25 30.7	1.467	2.440	4.8	19.8
12 17	5 37.11	+25 20.9	1.459	2.443	0.8	19.5
12 27	5 28.05	+25 6.7	1.479	2.447	5.1	19.8
1 6	5 20.46	+24 50.2	1.524	2.453	9.6	20.1
1 16	5 15.31	+24 34.0	1.594	2.459	13.6	20.3

288050 2003 UD_{290} 12 16.6 359°.69 4°.6/16.0 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 2.60	+11 18.3	2.213	2.978	14.1	20.7
11 17	5 58.86	+10 35.3	2.127	2.977	11.5	20.5
11 27	5 52.98	+ 9 57.7	2.063	2.977	8.6	20.3
12 7	5 45.49	+ 9 28.1	2.024	2.977	5.8	20.2
12 17	5 37.15	+ 9 8.6	2.013	2.977	4.7	20.1
12 27	5 28.88	+ 9 0.6	2.032	2.977	6.3	20.2
1 6	5 21.59	+ 9 4.6	2.078	2.978	9.1	20.4
1 16	5 15.99	+ 9 19.5	2.149	2.978	12.0	20.6

90603 4760 P–L 12 16.6 182°.71 4°.8/16.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.35	+10 37.2	2.128	2.881	15.0	20.8
11 17	6 3.48	+10 1.3	2.039	2.882	12.2	20.6
11 27	5 56.22	+ 9 31.9	1.972	2.882	9.1	20.4
12 7	5 47.15	+ 9 11.3	1.930	2.882	6.2	20.2
12 17	5 37.09	+ 9 1.4	1.917	2.881	4.9	20.1
12 27	5 27.08	+ 9 3.4	1.934	2.879	6.6	20.2
1 6	5 18.16	+ 9 17.3	1.979	2.876	9.7	20.4
1 16	5 11.12	+ 9 41.7	2.049	2.873	12.7	20.6

495719 2016 CM_{138} 12 16.6 317°.54 1°.5/16.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.37	+15 48.1	2.023	2.794	15.0	20.8
11 17	6 1.66	+16 26.4	1.919	2.779	12.1	20.6
11 27	5 55.35	+17 13.5	1.837	2.764	8.6	20.3
12 7	5 46.89	+18 8.6	1.780	2.749	4.6	20.0
12 17	5 37.09	+19 9.4	1.753	2.735	1.5	19.8
12 27	5 27.06	+20 13.3	1.755	2.721	4.8	20.0
1 6	5 17.99	+21 17.7	1.787	2.708	9.0	20.2
1 16	5 10.88	+22 20.7	1.844	2.695	12.7	20.4

303490 2005 EG_{101} 12 16.6 239°.23 4°.2/16.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.93	+12 30.3	2.107	2.869	14.8	21.5
11 17	6 1.75	+12 0.9	2.008	2.859	12.1	21.3
11 27	5 55.17	+11 36.8	1.930	2.848	8.9	21.1
12 7	5 46.69	+11 20.1	1.879	2.837	5.7	20.9
12 17	5 37.11	+11 12.4	1.855	2.825	4.2	20.8
12 27	5 27.48	+11 14.8	1.861	2.813	6.2	20.9
1 6	5 18.85	+11 27.5	1.895	2.800	9.6	21.1
1 16	5 12.08	+11 49.8	1.954	2.788	12.9	21.2

398189 2010 LY_{65} 12 16.6 101°.21 4°.8/16.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.47	+10 0.6	2.154	2.909	14.7	21.4
11 17	6 1.76	+ 9 29.0	2.084	2.928	12.0	21.3
11 27	5 54.86	+ 9 4.8	2.036	2.946	8.9	21.1
12 7	5 46.37	+ 8 50.3	2.014	2.965	6.0	21.0
12 17	5 37.13	+ 8 46.9	2.020	2.982	4.8	20.9
12 27	5 28.10	+ 8 55.2	2.055	3.000	6.3	21.0
1 6	5 20.20	+ 9 14.4	2.119	3.017	9.1	21.2
1 16	5 14.11	+ 9 43.1	2.208	3.034	11.9	21.4

484187 2006 VX_{36} 12 16.6 43°.11 1°.6/16.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.47	+21 43.7	1.636	2.424	17.3	20.9
11 17	6 2.64	+21 6.0	1.567	2.438	13.7	20.7
11 27	5 55.89	+20 26.9	1.519	2.452	9.5	20.5
12 7	5 47.01	+19 47.5	1.495	2.467	4.9	20.3
12 17	5 37.10	+19 9.5	1.499	2.482	1.7	20.1
12 27	5 27.55	+18 35.1	1.531	2.497	5.4	20.4
1 6	5 19.56	+18 6.9	1.590	2.513	9.8	20.6
1 16	5 14.01	+17 46.6	1.673	2.529	13.6	20.9

76059 2000 DV_{63} 12 16.6 312°.55 1°.5/16.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 4.70	+27 45.5	2.132	2.905	14.3	19.4
11 17	6 1.01	+27 49.6	2.033	2.895	11.5	19.2
11 27	5 54.76	+27 50.1	1.956	2.884	8.1	18.9
12 7	5 46.51	+27 45.3	1.905	2.875	4.3	18.7
12 17	5 37.12	+27 33.9	1.883	2.865	1.5	18.5
12 27	5 27.73	+27 16.1	1.889	2.855	4.5	18.7
1 6	5 19.47	+26 53.8	1.924	2.846	8.4	18.9
1 16	5 13.23	+26 29.6	1.985	2.837	11.9	19.1

480813 1995 WN_{24} 12 16.6 327°.24 7°.3/16.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.65	+34 16.6	1.461	2.250	19.1	21.0
11 17	6 5.40	+35 48.6	1.370	2.233	15.9	20.7
11 27	5 59.13	+37 19.2	1.298	2.217	12.2	20.4
12 7	5 49.27	+38 39.8	1.249	2.201	8.7	20.2
12 17	5 37.00	+39 40.9	1.225	2.187	7.3	20.1
12 27	5 24.27	+40 16.1	1.226	2.173	9.4	20.1
1 6	5 13.26	+40 25.5	1.252	2.160	13.2	20.3
1 16	5 5.67	+40 14.4	1.299	2.148	17.1	20.5

455411 2003 FM_{4} 12 16.6 145°.12 13°.5/15.0 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 27.49	+42 15.9	1.262	2.019	23.1	20.4
11 17	6 23.36	+45 15.8	1.196	2.025	20.0	20.2
11 27	6 13.14	+48 10.6	1.149	2.030	16.7	20.0
12 7	5 57.02	+50 41.1	1.124	2.035	14.3	19.9
12 17	5 36.69	+52 27.7	1.123	2.040	13.6	19.9
12 27	5 15.63	+53 19.1	1.145	2.044	15.0	20.0
1 6	4 57.72	+53 19.4	1.190	2.047	17.8	20.2
1 16	4 45.63	+52 43.2	1.253	2.050	20.7	20.4

485620 2011 UE_{338} 12 16.6 35°.18 4°.2/16.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 11.50	+26 43.4	1.264	2.064	20.9	19.9
11 17	6 7.86	+28 20.8	1.214	2.089	16.6	19.7
11 27	6 0.21	+29 59.1	1.183	2.115	11.8	19.5
12 7	5 49.42	+31 30.0	1.175	2.142	6.8	19.3
12 17	5 37.02	+32 45.0	1.193	2.169	4.3	19.2
12 27	5 25.03	+33 39.4	1.237	2.198	7.3	19.5
1 6	5 15.27	+34 13.7	1.307	2.227	11.7	19.8
1 16	5 8.95	+34 32.4	1.399	2.257	15.6	20.2

405918 2006 KN_{28} 12 16.6 11°.30 2°.1/16.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.73	+27 27.5	2.179	2.948	14.1	20.3
11 17	6 1.76	+28 7.1	2.090	2.949	11.3	20.1
11 27	5 55.26	+28 45.6	2.025	2.950	8.0	19.9
12 7	5 46.76	+29 20.2	1.985	2.952	4.4	19.7
12 17	5 37.14	+29 47.9	1.974	2.953	2.1	19.6
12 27	5 27.51	+30 7.2	1.992	2.955	4.7	19.8
1 6	5 19.00	+30 18.4	2.039	2.957	8.2	20.0
1 16	5 12.50	+30 23.4	2.112	2.960	11.5	20.2

504976 2011 GA_{69} 12 16.6 101°.23 18°.9/17.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 9.81	−12 16.5	1.230	1.953	25.3	21.2
11 17	6 6.01	−14 35.4	1.185	1.964	23.0	21.0
11 27	5 58.64	−16 23.4	1.154	1.974	21.0	20.9
12 7	5 48.55	−17 27.9	1.140	1.984	19.5	20.9
12 17	5 37.07	−17 39.9	1.144	1.994	18.9	20.9
12 27	5 25.94	−16 57.2	1.166	2.004	19.4	20.9
1 6	5 16.73	−15 26.1	1.207	2.013	20.8	21.1
1 16	5 10.52	−13 18.0	1.264	2.022	22.6	21.2

451893 2014 JU_{41} 12 16.6 155°.27 0°.9/16.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 9.35	+25 47.4	2.594	3.345	12.6	22.8
11 17	6 3.96	+26 1.8	2.505	3.355	10.0	22.7
11 27	5 56.39	+26 14.7	2.440	3.363	7.0	22.5
12 7	5 47.19	+26 24.3	2.403	3.372	3.6	22.3
12 17	5 37.13	+26 29.2	2.396	3.379	0.9	22.1
12 27	5 27.17	+26 29.2	2.421	3.386	3.8	22.3
1 6	5 18.23	+26 25.1	2.476	3.392	7.1	22.5
1 16	5 11.03	+26 18.6	2.558	3.397	10.0	22.7

472457 2015 BA_{407} 12 16.6 124°.63 0°.9/16.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 12.54	+25 36.9	1.490	2.275	18.9	21.9
11 17	6 8.10	+25 40.7	1.415	2.283	15.1	21.7
11 27	6 0.10	+25 42.3	1.359	2.290	10.6	21.4
12 7	5 49.32	+25 39.0	1.326	2.298	5.4	21.2
12 17	5 37.06	+25 29.0	1.321	2.305	0.9	20.9
12 27	5 25.05	+25 12.8	1.343	2.311	5.7	21.2
1 6	5 14.92	+24 53.1	1.393	2.317	10.7	21.5
1 16	5 7.77	+24 33.4	1.466	2.323	15.0	21.8

261953 2006 PK_{8} 12 16.6 128°.66 0°.6/16.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 11.36	+20 44.6	1.513	2.297	18.7	20.7
11 17	6 7.08	+21 0.6	1.435	2.304	14.9	20.4
11 27	5 59.39	+21 20.2	1.378	2.310	10.4	20.2
12 7	5 48.98	+21 41.5	1.344	2.315	5.3	19.9
12 17	5 37.07	+22 2.4	1.337	2.321	0.6	19.6
12 27	5 25.29	+22 21.6	1.359	2.326	5.6	20.0
1 6	5 15.20	+22 39.1	1.407	2.331	10.6	20.3
1 16	5 7.94	+22 56.0	1.479	2.336	14.9	20.5

477430 2009 WF_{120} 12 16.6 74°.64 0°.6/16.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 12.19	+22 20.9	1.470	2.256	19.1	21.7
11 17	6 7.44	+22 15.9	1.410	2.279	15.1	21.5
11 27	5 59.34	+22 11.1	1.371	2.303	10.4	21.3
12 7	5 48.78	+22 5.5	1.355	2.327	5.2	21.0
12 17	5 37.10	+21 58.4	1.366	2.350	0.6	20.7
12 27	5 25.91	+21 50.2	1.405	2.373	5.5	21.2
1 6	5 16.63	+21 42.8	1.472	2.396	10.2	21.5
1 16	5 10.21	+21 38.1	1.562	2.418	14.3	21.8

154587 Ennico 12 16.6 19°.27 0°.8/16.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.25	+20 56.8	1.950	2.728	15.3	21.2
11 17	6 1.46	+20 59.0	1.864	2.729	12.2	21.0
11 27	5 55.07	+21 2.9	1.800	2.731	8.5	20.7
12 7	5 46.67	+21 7.7	1.761	2.733	4.3	20.5
12 17	5 37.18	+21 12.7	1.751	2.734	0.8	20.2
12 27	5 27.76	+21 17.9	1.769	2.736	4.7	20.5
1 6	5 19.54	+21 23.7	1.816	2.739	8.7	20.8
1 16	5 13.41	+21 30.9	1.888	2.741	12.4	21.0

507612 2013 CX_{127} 12 16.6 52°.18 19°.8/22.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 10.76	−17 23.3	1.135	1.842	27.8	20.5
11 17	6 7.13	−18 36.5	1.087	1.851	25.6	20.4
11 27	5 59.61	−19 9.4	1.051	1.861	23.3	20.3
12 7	5 49.11	−18 49.6	1.029	1.871	21.2	20.2
12 17	5 37.09	−17 29.8	1.023	1.881	20.0	20.1
12 27	5 25.45	−15 11.0	1.036	1.891	20.0	20.2
1 6	5 15.91	−12 4.7	1.069	1.902	21.1	20.3
1 16	5 9.65	− 8 27.6	1.121	1.913	23.0	20.4

330569 2008 CU_{46} 12 16.6 25°.35 5°.0/16.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 5.54	+15 19.2	1.166	1.979	21.5	20.2
11 17	6 3.04	+14 33.3	1.103	1.985	17.4	19.9
11 27	5 56.83	+13 53.3	1.057	1.991	12.5	19.7
12 7	5 47.74	+13 22.9	1.032	1.999	7.6	19.4
12 17	5 37.15	+13 5.0	1.032	2.008	5.0	19.3
12 27	5 26.86	+13 1.7	1.056	2.017	8.2	19.5
1 6	5 18.55	+13 12.8	1.103	2.027	13.0	19.8
1 16	5 13.32	+13 36.9	1.172	2.037	17.4	20.1

286878 2002 OT_{27} 12 16.6 165°.03 1°.6/16.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.39	+19 42.6	2.004	2.775	15.2	21.7
11 17	6 3.00	+19 28.2	1.917	2.777	12.1	21.5
11 27	5 56.05	+19 15.1	1.851	2.779	8.5	21.2
12 7	5 47.14	+19 3.4	1.812	2.781	4.5	21.0
12 17	5 37.17	+18 53.4	1.801	2.783	1.6	20.8
12 27	5 27.30	+18 45.7	1.820	2.784	4.9	21.0
1 6	5 18.64	+18 41.4	1.867	2.785	8.8	21.3
1 16	5 12.05	+18 41.4	1.940	2.786	12.4	21.5

58402 1995 VH_{16} 12 16.6 238°.74 2°.2/16.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.24	+19 21.0	2.006	2.777	15.2	20.8
11 17	6 2.98	+18 47.4	1.908	2.769	12.2	20.5
11 27	5 56.11	+18 13.7	1.832	2.760	8.6	20.3
12 7	5 47.22	+17 40.8	1.782	2.750	4.7	20.1
12 17	5 37.18	+17 10.1	1.760	2.741	2.2	19.9
12 27	5 27.15	+16 43.4	1.768	2.731	5.3	20.1
1 6	5 18.28	+16 22.5	1.805	2.721	9.3	20.3
1 16	5 11.46	+16 9.0	1.867	2.710	12.9	20.5

443722 2015 LM_{9} 12 16.6 133°.72 0°.1/16.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 11.35	+23 9.3	1.928	2.695	15.8	22.2
11 17	6 6.23	+23 17.6	1.849	2.708	12.6	22.0
11 27	5 58.31	+23 25.9	1.792	2.719	8.7	21.8
12 7	5 48.27	+23 32.6	1.760	2.731	4.4	21.6
12 17	5 37.14	+23 36.3	1.757	2.741	0.2	21.3
12 27	5 26.19	+23 36.8	1.785	2.751	4.7	21.7
1 6	5 16.65	+23 35.2	1.841	2.761	8.8	21.9
1 16	5 9.42	+23 33.2	1.923	2.770	12.4	22.2

522091 2015 YD_{25} 12 16.6 23°.73 3°.4/16.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 3.67	+12 38.6	2.268	3.031	13.9	21.4
11 17	5 59.73	+12 31.6	2.179	3.031	11.2	21.2
11 27	5 53.63	+12 31.1	2.112	3.031	8.1	21.0
12 7	5 45.88	+12 38.0	2.072	3.032	5.0	20.8
12 17	5 37.24	+12 52.9	2.059	3.032	3.4	20.7
12 27	5 28.63	+13 15.6	2.077	3.033	5.3	20.8
1 6	5 20.96	+13 45.3	2.123	3.033	8.4	21.0
1 16	5 14.98	+14 20.8	2.195	3.034	11.4	21.2

484162 2006 UF_{65} 12 16.6 27°.88 6°.7/17.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 9.46	+36 59.2	1.527	2.305	18.8	20.6
11 17	6 6.15	+37 57.0	1.459	2.314	15.5	20.4
11 27	5 59.02	+38 45.4	1.411	2.324	11.9	20.2
12 7	5 48.88	+39 17.1	1.386	2.335	8.4	20.0
12 17	5 37.12	+39 26.6	1.385	2.347	6.7	20.0
12 27	5 25.65	+39 12.6	1.411	2.359	8.2	20.1
1 6	5 16.22	+38 38.9	1.462	2.372	11.5	20.3
1 16	5 10.01	+37 52.6	1.536	2.386	14.9	20.5

395394 2011 SL_{91} 12 16.6 99°.30 0°.8/16.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.88	+25 45.4	1.894	2.667	15.8	21.8
11 17	6 4.38	+25 45.7	1.815	2.677	12.6	21.6
11 27	5 57.08	+25 43.4	1.758	2.687	8.8	21.4
12 7	5 47.67	+25 37.1	1.726	2.697	4.5	21.1
12 17	5 37.18	+25 25.5	1.723	2.706	0.8	20.9
12 27	5 26.90	+25 9.4	1.748	2.716	4.7	21.2
1 6	5 18.05	+24 50.6	1.803	2.725	8.8	21.5
1 16	5 11.51	+24 31.8	1.882	2.734	12.5	21.7

383469 2006 YV_{39} 12 16.6 20°.72 0°.2/16.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.63	+25 51.6	1.164	1.979	21.4	20.3
11 17	6 4.21	+25 27.4	1.099	1.984	17.1	20.0
11 27	5 57.78	+24 57.8	1.051	1.991	11.9	19.7
12 7	5 48.26	+24 22.1	1.025	1.998	6.0	19.4
12 17	5 37.15	+23 40.9	1.023	2.007	0.3	19.0
12 27	5 26.46	+22 57.2	1.046	2.016	6.4	19.5
1 6	5 17.94	+22 15.7	1.093	2.026	12.0	19.9
1 16	5 12.78	+21 40.8	1.162	2.037	16.8	20.2

67488 2000 RM_{20} 12 16.6 126°.34 3°.4/16.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 12.83	+16 56.9	1.674	2.444	17.7	19.8
11 17	6 7.53	+16 17.9	1.602	2.461	14.2	19.6
11 27	5 59.24	+15 41.8	1.551	2.476	10.1	19.4
12 7	5 48.73	+15 10.0	1.525	2.491	5.8	19.2
12 17	5 37.15	+14 44.3	1.528	2.505	3.4	19.0
12 27	5 25.89	+14 26.7	1.559	2.518	6.3	19.3
1 6	5 16.25	+14 18.2	1.618	2.531	10.4	19.5
1 16	5 9.14	+14 19.1	1.702	2.543	14.1	19.8

245031 2004 EE_{45} 12 16.6 74°.30 3°.6/16.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 5.60	+14 34.6	1.885	2.659	15.9	21.0
11 17	6 1.62	+14 8.8	1.806	2.666	12.8	20.8
11 27	5 55.10	+13 48.1	1.749	2.673	9.2	20.6
12 7	5 46.66	+13 34.1	1.717	2.680	5.5	20.4
12 17	5 37.23	+13 27.9	1.712	2.687	3.6	20.3
12 27	5 27.93	+13 30.4	1.737	2.694	5.9	20.4
1 6	5 19.88	+13 41.6	1.789	2.702	9.5	20.6
1 16	5 13.89	+14 0.7	1.865	2.709	12.9	20.9

517987 2015 UQ_{24} 12 16.6 104°.57 1°.0/16.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.07	+24 22.0	1.938	2.711	15.5	21.3
11 17	6 3.82	+24 48.9	1.853	2.715	12.4	21.0
11 27	5 56.80	+25 16.2	1.790	2.719	8.6	20.8
12 7	5 47.60	+25 41.6	1.752	2.722	4.4	20.6
12 17	5 37.19	+26 2.7	1.743	2.726	1.0	20.3
12 27	5 26.83	+26 18.2	1.763	2.730	4.7	20.6
1 6	5 17.76	+26 28.6	1.811	2.733	8.8	20.9
1 16	5 10.92	+26 35.5	1.885	2.737	12.5	21.1

269213 2008 LL_{10} 12 16.6 297°.54 2°.4/16.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.18	+17 21.2	1.455	2.248	18.9	21.0
11 17	6 4.07	+17 21.8	1.365	2.238	15.3	20.8
11 27	5 57.56	+17 28.6	1.296	2.228	10.9	20.5
12 7	5 48.22	+17 41.8	1.249	2.219	5.9	20.2
12 17	5 37.17	+18 0.9	1.228	2.209	2.4	19.9
12 27	5 25.98	+18 25.1	1.234	2.200	6.3	20.2
1 6	5 16.30	+18 53.6	1.266	2.191	11.4	20.4
1 16	5 9.39	+19 25.9	1.321	2.182	16.1	20.7

102387 1999 TB_{155} 12 16.6 162°.54 3°.6/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 14.90	+31 10.2	1.856	2.616	16.6	20.4
11 17	6 9.59	+31 47.6	1.771	2.622	13.4	20.2
11 27	6 0.99	+32 20.6	1.708	2.627	9.7	20.0
12 7	5 49.78	+32 44.3	1.670	2.632	5.8	19.8
12 17	5 37.12	+32 54.8	1.660	2.636	3.6	19.6
12 27	5 24.57	+32 50.6	1.680	2.639	5.9	19.8
1 6	5 13.62	+32 34.1	1.728	2.641	9.8	20.0
1 16	5 5.40	+32 9.6	1.801	2.643	13.4	20.3

326593 2002 QJ_{133} 12 16.6 136°.22 4°.2/16.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 3.01	+10 6.0	2.447	3.202	13.2	20.6
11 17	5 58.98	+ 9 45.3	2.360	3.204	10.8	20.5
11 27	5 52.99	+ 9 31.5	2.296	3.207	8.0	20.3
12 7	5 45.53	+ 9 26.2	2.257	3.209	5.4	20.1
12 17	5 37.28	+ 9 30.6	2.247	3.211	4.2	20.1
12 27	5 29.10	+ 9 45.0	2.267	3.214	5.7	20.2
1 6	5 21.78	+10 8.9	2.315	3.216	8.3	20.3
1 16	5 16.00	+10 40.9	2.390	3.218	11.0	20.5

27679 1981 EA_{5} 12 16.6 12°.10 0°.9/16.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.02	+24 17.4	1.513	2.311	18.1	18.1
11 17	6 1.97	+23 36.5	1.437	2.313	14.4	17.8
11 27	5 55.73	+22 51.0	1.381	2.317	10.0	17.6
12 7	5 47.09	+22 1.6	1.349	2.321	5.1	17.3
12 17	5 37.22	+21 10.2	1.343	2.327	0.9	17.0
12 27	5 27.63	+20 20.0	1.365	2.333	5.6	17.4
1 6	5 19.69	+19 35.0	1.412	2.339	10.4	17.7
1 16	5 14.36	+18 58.2	1.484	2.347	14.5	17.9

326868 2003 UB_{248} 12 16.6 88°.32 2°.2/16.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.26	+29 16.1	2.354	3.114	13.5	21.5
11 17	6 2.63	+29 39.7	2.275	3.128	10.8	21.3
11 27	5 55.63	+29 59.8	2.219	3.142	7.6	21.2
12 7	5 46.89	+30 14.0	2.190	3.155	4.3	21.0
12 17	5 37.24	+30 20.3	2.190	3.169	2.2	20.9
12 27	5 27.74	+30 18.4	2.220	3.182	4.4	21.0
1 6	5 19.41	+30 9.5	2.279	3.196	7.6	21.3
1 16	5 13.00	+29 56.1	2.365	3.209	10.5	21.5

24946 Foscolo 12 16.6 71°.95 5°.7/15.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.12	+11 22.6	1.797	2.566	16.7	18.1
11 17	6 2.67	+10 17.4	1.734	2.587	13.6	17.9
11 27	5 55.68	+ 9 18.5	1.692	2.607	10.1	17.8
12 7	5 46.88	+ 8 29.8	1.675	2.627	6.9	17.6
12 17	5 37.24	+ 7 54.7	1.686	2.647	5.7	17.6
12 27	5 27.94	+ 7 35.1	1.725	2.668	7.5	17.8
1 6	5 20.02	+ 7 31.3	1.790	2.688	10.5	18.0
1 16	5 14.23	+ 7 41.9	1.880	2.708	13.5	18.2

10187 1996 JV 12 16.6 158°.00 7°.2/17.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 10.50	+ 1 1.9	2.101	2.823	16.0	17.7
11 17	6 5.15	+ 0 52.3	2.019	2.831	13.6	17.6
11 27	5 57.39	+ 0 57.9	1.956	2.837	10.8	17.4
12 7	5 47.79	+ 1 21.7	1.919	2.843	8.4	17.3
12 17	5 37.21	+ 2 4.9	1.909	2.849	7.2	17.2
12 27	5 26.70	+ 3 6.6	1.929	2.853	8.2	17.3
1 6	5 17.30	+ 4 23.4	1.977	2.857	10.6	17.4
1 16	5 9.83	+ 5 51.0	2.051	2.860	13.3	17.6

78138 2002 NP_{15} 12 16.6 77°.63 3°.7/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 14.70	+30 49.5	1.432	2.214	19.7	20.0
11 17	6 9.99	+31 21.7	1.371	2.234	15.8	19.8
11 27	6 1.45	+31 47.8	1.329	2.254	11.3	19.6
12 7	5 49.99	+32 2.7	1.310	2.274	6.6	19.4
12 17	5 37.13	+32 2.4	1.317	2.294	3.7	19.3
12 27	5 24.76	+31 46.6	1.352	2.314	6.5	19.5
1 6	5 14.57	+31 19.4	1.413	2.334	10.9	19.8
1 16	5 7.66	+30 46.5	1.497	2.353	14.8	20.1

103730 2000 CJ_{102} 12 16.7 258°.60 1°.6/16.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.78	+20 3.8	1.746	2.524	16.8	19.9
11 17	6 4.83	+19 49.5	1.644	2.508	13.6	19.7
11 27	5 57.82	+19 36.3	1.562	2.492	9.6	19.4
12 7	5 48.28	+19 24.2	1.505	2.475	5.1	19.1
12 17	5 37.19	+19 13.5	1.476	2.458	1.7	18.8
12 27	5 25.95	+19 4.7	1.475	2.441	5.6	19.0
1 6	5 15.98	+18 59.3	1.502	2.423	10.4	19.3
1 16	5 8.42	+18 58.7	1.553	2.405	14.6	19.5

231024 2005 EM_{149} 12 16.7 340°.39 2°.8/16.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 2.46	+15 11.6	2.237	3.007	13.8	20.1
11 17	5 58.86	+14 57.7	2.145	3.004	11.1	19.9
11 27	5 53.08	+14 48.2	2.076	3.001	7.9	19.7
12 7	5 45.65	+14 44.0	2.033	2.998	4.7	19.5
12 17	5 37.30	+14 45.7	2.019	2.995	2.8	19.4
12 27	5 28.97	+14 53.8	2.033	2.993	5.0	19.5
1 6	5 21.59	+15 8.1	2.076	2.991	8.3	19.7
1 16	5 15.92	+15 28.2	2.145	2.989	11.5	19.9

379883 2012 HV_{61} 12 16.7 141°.44 0°.9/16.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 13.41	+24 1.5	1.685	2.458	17.5	21.5
11 17	6 8.44	+24 28.8	1.606	2.467	14.0	21.3
11 27	6 0.20	+24 56.9	1.548	2.476	9.8	21.1
12 7	5 49.39	+25 22.9	1.514	2.485	5.0	20.8
12 17	5 37.18	+25 43.7	1.509	2.492	1.0	20.5
12 27	5 25.09	+25 57.8	1.533	2.499	5.3	20.9
1 6	5 14.63	+26 6.0	1.585	2.506	9.9	21.1
1 16	5 6.87	+26 10.6	1.661	2.512	13.9	21.4

173103 2007 UF_{38} 12 16.7 51°.64 1°.2/16.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.16	+21 41.1	1.645	2.431	17.3	20.0
11 17	6 3.31	+21 20.5	1.572	2.442	13.8	19.8
11 27	5 56.49	+20 59.5	1.519	2.452	9.6	19.6
12 7	5 47.43	+20 38.4	1.491	2.462	4.9	19.3
12 17	5 37.25	+20 17.5	1.490	2.473	1.2	19.1
12 27	5 27.33	+19 58.4	1.518	2.484	5.3	19.4
1 6	5 18.95	+19 42.9	1.572	2.496	9.8	19.7
1 16	5 13.04	+19 32.5	1.651	2.507	13.7	20.0

205915 2002 GO_{118} 12 16.7 141°.67 0°.9/16.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 9.76	+24 9.7	1.872	2.644	16.0	20.4
11 17	6 5.27	+24 35.4	1.787	2.649	12.8	20.2
11 27	5 57.87	+25 1.7	1.725	2.654	8.9	20.0
12 7	5 48.19	+25 26.1	1.687	2.658	4.6	19.8
12 17	5 37.24	+25 46.1	1.678	2.662	0.9	19.5
12 27	5 26.35	+26 0.5	1.699	2.666	4.9	19.8
1 6	5 16.82	+26 9.7	1.748	2.669	9.1	20.1
1 16	5 9.65	+26 15.6	1.822	2.673	12.9	20.3

242037 2002 RJ_{33} 12 16.7 120°.82 3°.7/16.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.25	+13 44.7	2.093	2.855	14.9	20.8
11 17	6 2.58	+13 13.6	2.016	2.868	12.0	20.6
11 27	5 55.58	+12 47.3	1.961	2.880	8.7	20.5
12 7	5 46.86	+12 27.5	1.932	2.892	5.4	20.3
12 17	5 37.29	+12 15.7	1.932	2.904	3.7	20.2
12 27	5 27.90	+12 12.7	1.961	2.915	5.7	20.3
1 6	5 19.67	+12 18.8	2.019	2.926	9.0	20.6
1 16	5 13.35	+12 33.2	2.102	2.936	12.1	20.8

10919 Pepíkzicha 12 16.7 109°.03 1°.0/16.5 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.99	+21 30.6	2.057	2.831	14.8	18.5
11 17	6 1.87	+21 13.4	1.970	2.833	11.7	18.2
11 27	5 55.27	+20 55.8	1.905	2.835	8.2	18.0
12 7	5 46.79	+20 38.0	1.866	2.837	4.2	17.8
12 17	5 37.31	+20 20.2	1.855	2.838	1.1	17.6
12 27	5 27.93	+20 3.5	1.874	2.840	4.6	17.8
1 6	5 19.74	+19 49.1	1.922	2.842	8.5	18.1
1 16	5 13.55	+19 38.7	1.995	2.844	12.0	18.3

171624 Nicolemartin 12 16.7 76°.49 2°.0/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 10.40	+28 43.5	1.790	2.564	16.6	20.1
11 17	6 5.74	+28 51.0	1.720	2.581	13.3	19.9
11 27	5 58.08	+28 53.8	1.671	2.598	9.3	19.7
12 7	5 48.21	+28 49.4	1.647	2.615	5.0	19.5
12 17	5 37.26	+28 36.0	1.651	2.632	2.0	19.3
12 27	5 26.64	+28 14.4	1.684	2.650	5.0	19.6
1 6	5 17.65	+27 47.3	1.745	2.666	9.1	19.8
1 16	5 11.18	+27 18.4	1.830	2.683	12.7	20.1

50453 2000 DJ_{46} 12 16.7 18°.78 5°.3/17.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 6.94	+33 40.2	1.085	1.900	22.6	18.0
11 17	6 5.18	+34 3.9	1.026	1.907	18.4	17.7
11 27	5 58.87	+34 16.5	0.983	1.915	13.5	17.5
12 7	5 48.96	+34 11.7	0.960	1.925	8.4	17.2
12 17	5 37.23	+33 45.5	0.960	1.936	5.3	17.1
12 27	5 26.01	+32 59.3	0.983	1.948	8.0	17.3
1 6	5 17.36	+31 59.9	1.030	1.961	12.8	17.6
1 16	5 12.54	+30 56.3	1.098	1.976	17.3	17.9

26115 1991 RG_{17} 12 16.7 67°.24 1°.8/16.6 18

11 7	6 9.49	+19 5.5	1.428	2.220	19.3	18.1
11 17	6 5.58	+19 2.4	1.360	2.232	15.4	17.9
11 27	5 58.30	+19 3.2	1.312	2.245	10.7	17.6
12 7	5 48.44	+19 7.6	1.287	2.258	5.6	17.4
12 17	5 37.25	+19 14.8	1.289	2.271	1.8	17.2
12 27	5 26.35	+19 24.7	1.318	2.285	5.9	17.5
1 6	5 17.23	+19 37.5	1.373	2.298	10.8	17.8
1 16	5 10.93	+19 53.5	1.451	2.311	15.0	18.1

235145 2003 QL_{88} 12 16.7 97°.23 2°.7/16.9 15

11 7	6 13.27	+29 55.5	1.932	2.693	16.0	21.5
11 17	6 7.81	+30 21.5	1.864	2.716	12.8	21.4
11 27	5 59.41	+30 42.7	1.817	2.739	9.1	21.2
12 7	5 48.85	+30 55.8	1.797	2.761	5.2	21.0
12 17	5 37.24	+30 58.1	1.804	2.783	2.7	20.9
12 27	5 25.98	+30 49.4	1.842	2.804	5.1	21.1
1 6	5 16.31	+30 32.0	1.908	2.825	8.8	21.4
1 16	5 9.13	+30 9.8	2.001	2.845	12.1	21.6

305801 2009 DD_{90} 12 16.7 15°.98 7°.2/16.3 18

11 7	6 3.77	+ 8 7.3	1.541	2.323	18.5	20.8
11 17	6 0.74	+ 7 14.2	1.468	2.325	15.3	20.6
11 27	5 54.81	+ 6 31.8	1.415	2.329	11.8	20.4
12 7	5 46.66	+ 6 4.6	1.384	2.332	8.6	20.2
12 17	5 37.32	+ 5 56.1	1.379	2.336	7.2	20.2
12 27	5 28.12	+ 6 8.1	1.399	2.341	9.0	20.3
1 6	5 20.33	+ 6 39.0	1.445	2.346	12.2	20.5
1 16	5 14.89	+ 7 25.5	1.513	2.352	15.6	20.7

4029 Bridges 12 16.7 220°.37 2°.3/16.4 18

11 7	6 7.69	+18 24.3	2.047	2.815	15.0	17.4
11 17	6 3.28	+17 58.9	1.950	2.808	12.0	17.2
11 27	5 56.32	+17 34.7	1.875	2.801	8.5	17.0
12 7	5 47.37	+17 12.6	1.827	2.794	4.7	16.7
12 17	5 37.30	+16 53.6	1.806	2.786	2.3	16.6
12 27	5 27.23	+16 38.7	1.816	2.778	5.2	16.7
1 6	5 18.28	+16 29.4	1.854	2.770	9.1	17.0
1 16	5 11.36	+16 26.5	1.918	2.761	12.7	17.2

372768 2010 CR_{142} 12 16.7 312°.02 0°.0/16.7 18

11 7	6 3.74	+22 13.3	2.235	3.008	13.7	20.6
11 17	6 0.12	+22 29.8	2.134	2.997	11.0	20.4
11 27	5 54.14	+22 47.9	2.056	2.986	7.6	20.2
12 7	5 46.29	+23 6.4	2.004	2.975	3.9	19.9
12 17	5 37.34	+23 23.8	1.980	2.964	0.1	19.6
12 27	5 28.30	+23 39.4	1.986	2.954	4.2	19.9
1 6	5 20.21	+23 53.2	2.021	2.944	8.0	20.1
1 16	5 13.94	+24 5.9	2.082	2.934	11.4	20.3

44135 1998 HD_{88} 12 16.7 279°.97 2°.1/16.4 18

11 7	6 8.26	+20 54.7	1.480	2.273	18.7	18.8
11 17	6 4.89	+20 19.2	1.388	2.261	15.1	18.5
11 27	5 58.09	+19 42.2	1.316	2.249	10.6	18.2
12 7	5 48.50	+19 4.6	1.267	2.238	5.7	17.9
12 17	5 37.26	+18 27.8	1.244	2.226	2.2	17.7
12 27	5 25.98	+17 54.6	1.249	2.214	6.4	17.9
1 6	5 16.28	+17 27.9	1.279	2.203	11.5	18.2
1 16	5 9.37	+17 10.2	1.333	2.191	16.2	18.4

522119 2016 AS_{240} 12 16.7 190°.58 4°.6/17.2 18

11 7	6 8.65	+37 18.3	2.533	3.274	13.1	21.4
11 17	6 3.96	+37 55.5	2.441	3.274	10.8	21.2
11 27	5 56.75	+38 25.6	2.372	3.273	8.2	21.0
12 7	5 47.57	+38 44.6	2.328	3.273	5.8	20.9
12 17	5 37.31	+38 49.4	2.313	3.272	4.6	20.8
12 27	5 27.09	+38 39.2	2.327	3.271	5.8	20.9
1 6	5 18.02	+38 15.7	2.370	3.270	8.2	21.0
1 16	5 10.96	+37 42.6	2.439	3.268	10.8	21.2

223586 2004 FW_{118} 12 16.7 310°.23 6°.7/15.9 18

11 7	6 4.60	+11 40.7	1.398	2.192	19.5	19.8
11 17	6 2.01	+10 40.8	1.310	2.179	16.1	19.5
11 27	5 56.12	+ 9 47.1	1.242	2.166	12.1	19.3
12 7	5 47.53	+ 9 4.2	1.196	2.153	8.3	19.0
12 17	5 37.31	+ 8 37.1	1.174	2.140	6.7	18.9
12 27	5 27.00	+ 8 29.0	1.178	2.128	9.1	19.0
1 6	5 18.16	+ 8 40.7	1.206	2.117	13.3	19.2
1 16	5 11.98	+ 9 10.2	1.255	2.106	17.5	19.4

405663 2005 UQ_{125} 12 16.7 45°.65 1°.2/16.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 5.49	+21 20.1	1.951	2.729	15.3	21.5
11 17	6 1.58	+20 58.4	1.869	2.734	12.2	21.3
11 27	5 55.11	+20 36.5	1.809	2.739	8.5	21.1
12 7	5 46.72	+20 14.4	1.774	2.745	4.4	20.8
12 17	5 37.35	+19 52.9	1.768	2.751	1.2	20.6
12 27	5 28.13	+19 33.2	1.791	2.757	4.7	20.9
1 6	5 20.17	+19 16.8	1.842	2.763	8.7	21.1
1 16	5 14.28	+19 5.3	1.918	2.769	12.3	21.4

362865 2012 BA_{64} 12 16.7 210°.46 2°.2/16.5 18

11 7	6 5.44	+17 9.2	2.175	2.943	14.2	20.9
11 17	6 1.31	+16 56.5	2.083	2.941	11.4	20.7
11 27	5 54.85	+16 46.9	2.013	2.939	8.1	20.5
12 7	5 46.60	+16 40.9	1.969	2.936	4.5	20.3
12 17	5 37.35	+16 39.0	1.954	2.934	2.2	20.1
12 27	5 28.14	+16 41.5	1.969	2.931	4.8	20.3
1 6	5 19.95	+16 48.8	2.012	2.928	8.5	20.5
1 16	5 13.60	+17 0.9	2.081	2.925	11.8	20.7

220073 2002 RH_{174} 12 16.7 78°.07 1°.3/16.8 18

11 7	6 13.17	+27 1.9	1.447	2.232	19.4	20.8
11 17	6 8.52	+27 0.7	1.383	2.251	15.4	20.6
11 27	6 0.29	+26 55.2	1.340	2.271	10.7	20.4
12 7	5 49.40	+26 43.0	1.319	2.290	5.6	20.1
12 17	5 37.26	+26 22.8	1.326	2.309	1.3	19.9
12 27	5 25.62	+25 55.8	1.360	2.328	5.6	20.3
1 6	5 16.01	+25 25.6	1.421	2.347	10.4	20.6
1 16	5 9.44	+24 56.4	1.506	2.365	14.6	20.9

311851 2006 VG_{138} 12 16.7 30°.90 0°.3/16.7 18

11 7	6 6.38	+23 6.9	1.761	2.545	16.5	20.7
11 17	6 2.73	+23 24.2	1.682	2.550	13.1	20.5
11 27	5 56.17	+23 42.4	1.623	2.555	9.1	20.3
12 7	5 47.37	+23 59.8	1.589	2.561	4.6	20.0
12 17	5 37.34	+24 14.5	1.582	2.566	0.4	19.7
12 27	5 27.41	+24 25.7	1.605	2.573	4.9	20.1
1 6	5 18.87	+24 33.9	1.654	2.579	9.3	20.4
1 16	5 12.69	+24 40.6	1.729	2.586	13.1	20.6

446110 2013 DT_{6} 12 16.7 332°.45 2°.6/16.6 18

11 7	6 4.83	+17 7.1	1.629	2.418	17.4	20.8
11 17	6 1.74	+16 59.0	1.541	2.411	14.0	20.5
11 27	5 55.66	+16 55.8	1.474	2.405	9.9	20.3
12 7	5 47.19	+16 58.2	1.430	2.399	5.5	20.0
12 17	5 37.34	+17 6.2	1.413	2.394	2.6	19.8
12 27	5 27.47	+17 20.1	1.424	2.389	5.9	20.0
1 6	5 18.94	+17 39.4	1.461	2.384	10.4	20.3
1 16	5 12.80	+18 3.8	1.522	2.380	14.5	20.5

514573 1997 WG_{6} 12 16.7 132°.55 3°.1/16.7 18

11 7	6 9.74	+32 56.2	3.074	3.808	11.2	21.7
11 17	6 4.17	+33 46.9	2.989	3.823	9.0	21.6
11 27	5 56.55	+34 33.9	2.930	3.837	6.6	21.5
12 7	5 47.38	+35 13.9	2.898	3.851	4.3	21.3
12 17	5 37.35	+35 44.2	2.897	3.864	3.1	21.3
12 27	5 27.34	+36 3.5	2.928	3.877	4.4	21.4
1 6	5 18.23	+36 12.3	2.989	3.889	6.7	21.5
1 16	5 10.71	+36 12.7	3.078	3.901	8.9	21.7

397982 2009 BA_{77} 12 16.7 358°.70 1°.0/16.8 18

11 7	6 0.57	+17 46.1	1.121	1.947	21.3	19.6
11 17	5 59.69	+18 26.6	1.049	1.941	17.2	19.4
11 27	5 55.00	+19 18.4	0.995	1.937	12.1	19.1
12 7	5 47.13	+20 20.0	0.962	1.935	6.2	18.7
12 17	5 37.35	+21 27.1	0.952	1.935	1.0	18.4
12 27	5 27.52	+22 35.0	0.966	1.937	6.5	18.8
1 6	5 19.54	+23 39.6	1.004	1.941	12.3	19.1
1 16	5 14.79	+24 39.1	1.063	1.947	17.3	19.4

201482 2003 HU_{4} 12 16.7 108°.50 3°.0/16.6 18

11 7	6 9.04	+15 28.3	1.780	2.552	16.8	21.0
11 17	6 4.52	+15 19.6	1.705	2.564	13.4	20.8
11 27	5 57.22	+15 16.6	1.651	2.576	9.5	20.6
12 7	5 47.83	+15 20.0	1.622	2.588	5.4	20.4
12 17	5 37.35	+15 29.9	1.621	2.599	3.0	20.2
12 27	5 27.05	+15 46.0	1.649	2.610	5.7	20.4
1 6	5 18.14	+16 7.8	1.705	2.621	9.7	20.7
1 16	5 11.51	+16 34.8	1.785	2.632	13.3	20.9

443240 2014 DE_{124} 12 16.7 265°.01 1°.5/16.8 18

11 7	6 9.52	+26 34.3	1.789	2.565	16.5	21.7
11 17	6 5.59	+26 50.1	1.686	2.549	13.4	21.4
11 27	5 58.47	+27 4.2	1.605	2.533	9.5	21.2
12 7	5 48.71	+27 13.9	1.547	2.517	5.1	20.9
12 17	5 37.31	+27 16.6	1.518	2.501	1.6	20.6
12 27	5 25.74	+27 11.4	1.517	2.484	5.3	20.8
1 6	5 15.48	+26 59.6	1.544	2.467	10.0	21.1
1 16	5 7.76	+26 44.6	1.595	2.449	14.2	21.3

477357 2009 UL_{87} 12 16.7 36.°85 2.°3/16.9 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 10.41	+28 26.8	1.039	1.856	23.3	20.6
11 17	6 7.37	+28 31.2	0.996	1.881	18.5	20.4
11 27	5 59.93	+28 29.2	0.969	1.908	12.9	20.2
12 7	5 49.29	+28 17.4	0.963	1.935	6.8	20.0
12 17	5 37.31	+27 54.1	0.981	1.964	2.3	19.8
12 27	5 26.18	+27 21.7	1.024	1.993	6.6	20.2
1 6	5 17.72	+26 45.2	1.090	2.023	12.0	20.5
1 16	5 12.93	+26 10.2	1.178	2.054	16.5	20.9

323260 2003 SK_{315} 12 16.7 56.°48 5.°2/17.1 18

11 7	6 5.77	+ 6 49.5	2.030	2.783	15.6	20.1
11 17	6 1.40	+ 6 46.5	1.965	2.805	12.8	20.0
11 27	5 54.76	+ 6 55.3	1.921	2.827	9.6	19.8
12 7	5 46.48	+ 7 17.3	1.902	2.849	6.7	19.7
12 17	5 37.41	+ 7 52.8	1.911	2.871	5.2	19.6
12 27	5 28.55	+ 8 40.6	1.949	2.894	6.6	19.8
1 6	5 20.85	+ 9 38.0	2.015	2.916	9.3	20.0
1 16	5 15.02	+10 42.2	2.107	2.939	12.1	20.2

256578 2007 TT_{183} 12 16.7 105.°15 0.°7/16.7 18

11 7	6 14.31	+23 5.6	1.457	2.240	19.4	20.7
11 17	6 9.54	+23 34.8	1.389	2.256	15.4	20.5
11 27	6 1.16	+24 6.0	1.340	2.271	10.7	20.3
12 7	5 49.97	+24 35.9	1.315	2.286	5.4	20.0
12 17	5 37.29	+25 0.9	1.316	2.300	0.7	19.7
12 27	5 24.90	+25 19.4	1.347	2.314	5.7	20.1
1 6	5 14.42	+25 32.0	1.404	2.328	10.7	20.4
1 16	5 6.98	+25 41.1	1.485	2.341	14.9	20.7

278767 2008 SJ_{149} 12 16.7 185.°49 3.°5/17.2 18

11 7	6 7.67	+34 25.0	2.481	3.231	13.1	20.8
11 17	6 3.10	+34 45.8	2.389	3.231	10.7	20.6
11 27	5 56.10	+35 0.1	2.319	3.231	7.9	20.4
12 7	5 47.24	+35 4.9	2.275	3.230	5.1	20.3
12 17	5 37.39	+34 58.0	2.260	3.230	3.5	20.2
12 27	5 27.61	+34 39.1	2.275	3.229	5.0	20.3
1 6	5 18.97	+34 10.2	2.319	3.229	7.8	20.4
1 16	5 12.28	+33 34.7	2.389	3.228	10.6	20.6

401519 2013 EF_{71} 12 16.7 191.°46 0.°9/16.8 18

11 7	6 8.19	+25 53.0	2.168	2.933	14.3	21.6
11 17	6 3.66	+25 59.4	2.075	2.933	11.5	21.4
11 27	5 56.58	+26 3.7	2.005	2.932	8.0	21.2
12 7	5 47.53	+26 4.3	1.960	2.930	4.2	21.0
12 17	5 37.39	+25 59.9	1.945	2.928	0.9	20.7
12 27	5 27.30	+25 50.5	1.960	2.926	4.3	21.0
1 6	5 18.37	+25 37.5	2.004	2.924	8.2	21.2
1 16	5 11.48	+25 23.1	2.074	2.921	11.6	21.4

321565 2009 SL_{355} 12 16.7 115.°20 3.°4/16.3 18

11 7	6 8.78	+17 30.4	1.601	2.384	17.9	20.9
11 17	6 4.69	+16 46.7	1.523	2.389	14.4	20.7
11 27	5 57.55	+16 4.9	1.465	2.394	10.2	20.5
12 7	5 48.07	+15 26.8	1.431	2.398	5.9	20.2
12 17	5 37.37	+14 54.9	1.425	2.402	3.4	20.1
12 27	5 26.86	+14 31.4	1.446	2.407	6.5	20.3
1 6	5 17.89	+14 18.0	1.494	2.411	10.8	20.6
1 16	5 11.43	+14 15.2	1.566	2.415	14.7	20.8

212509 2006 RA_{20} 12 16.7 27.°67 4.°0/16.4 18

11 7	6 5.15	+13 54.3	1.810	2.587	16.3	20.5
11 17	6 1.48	+13 24.5	1.728	2.589	13.2	20.3
11 27	5 55.17	+13 0.3	1.667	2.591	9.6	20.1
12 7	5 46.84	+12 43.6	1.631	2.593	5.9	19.9
12 17	5 37.42	+12 36.0	1.622	2.595	4.1	19.8
12 27	5 28.09	+12 38.5	1.641	2.598	6.3	19.9
1 6	5 20.00	+12 51.1	1.687	2.600	10.0	20.2
1 16	5 14.03	+13 12.9	1.758	2.603	13.5	20.4

320155 2007 FP_{23} 12 16.7 320.°86 5.°1/16.2 17

11 7	6 3.39	+10 6.9	2.141	2.903	14.6	20.9
11 17	5 59.65	+ 9 26.9	2.054	2.902	12.0	20.7
11 27	5 53.68	+ 8 53.4	1.988	2.900	9.0	20.5
12 7	5 46.02	+ 8 29.3	1.948	2.899	6.2	20.3
12 17	5 37.45	+ 8 16.7	1.936	2.897	5.1	20.3
12 27	5 28.93	+ 8 16.8	1.952	2.896	6.6	20.4
1 6	5 21.41	+ 8 29.7	1.996	2.895	9.5	20.5
1 16	5 15.63	+ 8 53.9	2.065	2.894	12.4	20.7

316587 2011 UH_{157} 12 16.7 356.°40 2.°7/16.5 18

11 7	6 5.55	+25 18.0	1.439	2.240	18.7	20.2
11 17	6 3.09	+26 20.5	1.359	2.236	15.1	19.9
11 27	5 57.09	+27 26.4	1.298	2.232	10.7	19.7
12 7	5 48.13	+28 31.0	1.260	2.230	5.8	19.4
12 17	5 37.37	+29 28.5	1.248	2.229	2.7	19.2
12 27	5 26.51	+30 14.4	1.263	2.229	6.3	19.4
1 6	5 17.28	+30 47.7	1.304	2.230	11.1	19.7
1 16	5 10.98	+31 10.5	1.367	2.232	15.4	20.0

200568 2001 OK_{76} 12 16.7 76.°69 0.°8/16.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 4.80	+19 37.7	2.405	3.170	13.1	20.4
11 17	6 0.52	+19 49.4	2.325	3.182	10.4	20.2
11 27	5 54.13	+20 3.5	2.268	3.195	7.2	20.0
12 7	5 46.20	+20 19.4	2.238	3.208	3.7	19.8
12 17	5 37.46	+20 36.1	2.237	3.221	0.8	19.6
12 27	5 28.82	+20 53.1	2.267	3.233	3.9	19.9
1 6	5 21.17	+21 10.3	2.327	3.246	7.3	20.1
1 16	5 15.20	+21 28.0	2.413	3.259	10.3	20.3

522245 2016 AT_{272} 12 16.7 253.°63 2.°7/16.8 18

11 7	6 6.85	+30 26.0	2.515	3.271	12.8	21.8
11 17	6 2.49	+31 1.1	2.413	3.261	10.4	21.6
11 27	5 55.76	+31 33.3	2.333	3.252	7.5	21.4
12 7	5 47.15	+31 59.9	2.280	3.242	4.5	21.2
12 17	5 37.42	+32 18.0	2.256	3.231	2.7	21.1
12 27	5 27.60	+32 26.4	2.262	3.221	4.6	21.2
1 6	5 18.72	+32 25.7	2.298	3.211	7.7	21.4
1 16	5 11.66	+32 18.1	2.360	3.200	10.7	21.6

434354 2004 RR_{214} 12 16.7 97.°82 0.°3/16.6 18

11 7	6 12.16	+24 35.3	1.774	2.545	16.8	21.1
11 17	6 6.95	+24 9.3	1.704	2.565	13.3	20.9
11 27	5 58.83	+23 40.1	1.655	2.584	9.2	20.7
12 7	5 48.59	+23 7.3	1.631	2.602	4.6	20.4
12 17	5 37.38	+22 31.4	1.637	2.621	0.3	20.1
12 27	5 26.58	+21 54.5	1.672	2.639	4.9	20.5
1 6	5 17.41	+21 19.5	1.735	2.656	9.2	20.8
1 16	5 10.71	+20 49.2	1.824	2.673	12.9	21.1

84708 2002 VU_{119} 12 16.7 300.°29 3.°2/16.5 17

11 7	6 9.22	+28 3.3	1.889	2.661	15.9	19.0
11 17	6 5.28	+29 6.4	1.794	2.653	12.9	18.7
11 27	5 58.24	+30 10.4	1.721	2.646	9.3	18.5
12 7	5 48.62	+31 10.6	1.674	2.639	5.4	18.3
12 17	5 37.40	+32 1.9	1.655	2.632	3.2	18.1
12 27	5 25.97	+32 40.6	1.665	2.625	5.8	18.3
1 6	5 15.79	+33 6.3	1.702	2.618	9.7	18.5
1 16	5 8.06	+33 21.0	1.765	2.611	13.4	18.7

110980 2001 UW_{187} 12 16.7 322.°95 3.°9/16.3 18

11 7	6 4.44	+14 13.1	1.912	2.687	15.7	19.9
11 17	6 0.85	+13 41.7	1.824	2.683	12.7	19.7
11 27	5 54.72	+13 15.0	1.757	2.680	9.2	19.5
12 7	5 46.64	+12 54.9	1.715	2.677	5.7	19.3
12 17	5 37.47	+12 43.2	1.700	2.674	3.9	19.1
12 27	5 28.35	+12 41.0	1.715	2.671	6.1	19.3
1 6	5 20.36	+12 48.7	1.756	2.668	9.7	19.5
1 16	5 14.38	+13 5.7	1.822	2.666	13.2	19.7

277844 2006 HL_{92} 12 16.7 338.°33 2.°0/16.6 17

11 7	6 3.22	+17 19.6	2.112	2.887	14.4	20.7
11 17	5 59.72	+17 17.4	2.020	2.882	11.5	20.5
11 27	5 53.86	+17 19.0	1.950	2.878	8.1	20.3
12 7	5 46.19	+17 24.7	1.905	2.874	4.4	20.1
12 17	5 37.49	+17 34.5	1.889	2.870	2.0	19.9
12 27	5 28.79	+17 48.2	1.902	2.866	4.7	20.1
1 6	5 21.10	+18 5.6	1.943	2.863	8.5	20.3
1 16	5 15.24	+18 26.6	2.010	2.860	11.9	20.5

150385 2000 DS_{63} 12 16.7 182.°90 2.°9/17.0 18

11 7	6 13.76	+31 29.5	2.138	2.889	14.9	21.2
11 17	6 8.28	+31 49.0	2.045	2.890	12.1	21.0
11 27	5 59.90	+32 3.1	1.973	2.891	8.7	20.8
12 7	5 49.27	+32 8.3	1.928	2.890	5.2	20.6
12 17	5 37.39	+32 1.9	1.912	2.889	2.9	20.4
12 27	5 25.60	+31 43.4	1.927	2.887	5.2	20.6
1 6	5 15.17	+31 15.3	1.970	2.884	8.7	20.8
1 16	5 7.08	+30 41.5	2.040	2.881	12.1	21.0

357075 2001 RQ_{53} 12 16.7 140.°05 0.°8/16.8 18

11 7	6 8.48	+26 12.0	2.172	2.936	14.3	21.4
11 17	6 3.79	+26 12.5	2.086	2.943	11.4	21.2
11 27	5 56.60	+26 10.2	2.023	2.949	8.0	21.0
12 7	5 47.52	+26 3.8	1.985	2.955	4.1	20.8
12 17	5 37.45	+25 52.3	1.977	2.961	0.8	20.6
12 27	5 27.53	+25 36.1	1.999	2.966	4.3	20.8
1 6	5 18.82	+25 17.0	2.051	2.971	8.0	21.1
1 16	5 12.14	+24 57.3	2.128	2.976	11.4	21.3

289732 2005 JM_{28} 12 16.7 183.°66 3.°2/16.4 18

11 7	6 6.53	+13 9.1	2.642	3.389	12.5	22.4
11 17	6 1.66	+12 49.5	2.546	3.389	10.1	22.2
11 27	5 54.84	+12 34.4	2.475	3.389	7.3	22.1
12 7	5 46.56	+12 24.7	2.430	3.388	4.6	21.9
12 17	5 37.49	+12 21.4	2.416	3.387	3.2	21.8
12 27	5 28.44	+12 25.1	2.432	3.385	4.9	21.9
1 6	5 20.24	+12 35.7	2.478	3.382	7.7	22.1
1 16	5 13.55	+12 52.8	2.552	3.378	10.4	22.2

326109 2011 EM_{18} 12 16.7 104°.34 4°.9/16.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 3.12	+ 9 2.1	2.367	3.120	13.6	21.1
11 17	5 59.15	+ 8 25.7	2.283	3.125	11.2	21.0
11 27	5 53.18	+ 7 56.3	2.223	3.130	8.4	20.8
12 7	5 45.74	+ 7 36.2	2.188	3.134	6.0	20.7
12 17	5 37.52	+ 7 27.4	2.181	3.139	4.9	20.6
12 27	5 29.38	+ 7 30.7	2.203	3.143	6.3	20.7
1 6	5 22.16	+ 7 45.8	2.254	3.148	8.8	20.9
1 16	5 16.51	+ 8 11.5	2.330	3.152	11.4	21.0

67062 1999 XU_{233} 12 16.7 139°.26 0°.8/16.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.17	+19 13.5	2.398	3.160	13.2	19.5
11 17	6 1.69	+19 30.6	2.310	3.165	10.5	19.3
11 27	5 55.03	+19 50.7	2.244	3.170	7.3	19.1
12 7	5 46.71	+20 13.0	2.205	3.175	3.8	18.9
12 17	5 37.48	+20 36.5	2.196	3.179	0.9	18.7
12 27	5 28.28	+21 0.2	2.218	3.184	4.0	18.9
1 6	5 20.04	+21 23.7	2.269	3.188	7.5	19.1
1 16	5 13.51	+21 47.2	2.348	3.192	10.6	19.3

202559 2006 DL_{216} 12 16.7 172°.28 3°.8/17.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.46	+35 23.1	2.594	3.338	12.8	21.0
11 17	6 3.66	+35 48.8	2.502	3.339	10.4	20.9
11 27	5 56.46	+36 7.9	2.433	3.341	7.8	20.7
12 7	5 47.45	+36 17.2	2.390	3.342	5.2	20.5
12 17	5 37.46	+36 14.3	2.376	3.343	3.8	20.5
12 27	5 27.55	+35 58.8	2.392	3.343	5.1	20.5
1 6	5 18.73	+35 32.5	2.438	3.344	7.7	20.7
1 16	5 11.83	+34 58.8	2.510	3.344	10.3	20.9

328738 2009 UL_{25} 12 16.7 311°.94 3°.4/16.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 3.74	+15 36.5	2.213	2.981	14.0	20.4
11 17	5 59.89	+14 52.5	2.122	2.978	11.3	20.2
11 27	5 53.84	+14 10.7	2.053	2.975	8.1	20.0
12 7	5 46.13	+13 32.8	2.010	2.973	5.0	19.8
12 17	5 37.52	+13 1.1	1.997	2.970	3.4	19.7
12 27	5 28.98	+12 37.4	2.012	2.967	5.5	19.8
1 6	5 21.43	+12 22.9	2.056	2.965	8.7	20.0
1 16	5 15.63	+12 17.9	2.126	2.962	11.8	20.2

50784 2000 FF_{17} 12 16.7 220°.28 4°.6/16.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 2.93	+ 8 41.0	2.472	3.222	13.2	19.3
11 17	5 58.99	+ 8 19.2	2.381	3.221	10.8	19.1
11 27	5 53.09	+ 8 4.9	2.312	3.219	8.2	18.9
12 7	5 45.72	+ 8 0.2	2.269	3.217	5.7	18.8
12 17	5 37.54	+ 8 6.3	2.255	3.215	4.6	18.7
12 27	5 29.38	+ 8 23.5	2.270	3.213	5.9	18.8
1 6	5 22.06	+ 8 51.3	2.314	3.211	8.5	18.9
1 16	5 16.24	+ 9 28.1	2.384	3.209	11.1	19.1

401704 2013 HW_{44} 12 16.7 69°.50 1°.3/16.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.57	+27 19.2	1.977	2.750	15.3	21.5
11 17	6 3.40	+27 19.9	1.893	2.754	12.2	21.3
11 27	5 56.50	+27 17.1	1.831	2.759	8.6	21.1
12 7	5 47.54	+27 8.8	1.794	2.763	4.5	20.9
12 17	5 37.48	+26 54.0	1.785	2.767	1.3	20.6
12 27	5 27.58	+26 33.2	1.805	2.772	4.6	20.9
1 6	5 19.01	+26 8.7	1.854	2.776	8.6	21.1
1 16	5 12.65	+25 43.4	1.928	2.781	12.2	21.4

513271 2006 SL_{358} 12 16.7 42°.88 1°.5/16.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 11.17	+26 39.0	1.072	1.886	22.9	21.2
11 17	6 7.92	+26 44.7	1.024	1.909	18.2	21.0
11 27	6 0.36	+26 46.4	0.994	1.932	12.6	20.8
12 7	5 49.60	+26 41.2	0.984	1.957	6.5	20.5
12 17	5 37.42	+26 27.0	0.998	1.982	1.6	20.3
12 27	5 25.99	+26 5.2	1.038	2.008	6.5	20.7
1 6	5 17.13	+25 40.0	1.101	2.034	12.0	21.1
1 16	5 11.89	+25 15.9	1.186	2.061	16.6	21.4

94904 2001 YM_{23} 12 16.7 150°.23 0°.6/16.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 11.11	+25 6.5	1.910	2.679	15.9	21.0
11 17	6 6.24	+25 10.2	1.827	2.686	12.7	20.8
11 27	5 58.50	+25 12.2	1.764	2.692	8.8	20.6
12 7	5 48.56	+25 10.5	1.728	2.698	4.5	20.3
12 17	5 37.46	+25 4.0	1.720	2.703	0.6	20.1
12 27	5 26.50	+24 52.8	1.741	2.708	4.7	20.4
1 6	5 16.95	+24 38.6	1.792	2.713	8.9	20.6
1 16	5 9.75	+24 24.1	1.868	2.717	12.7	20.9

240225 2002 TD_{50} 12 16.7 67°.63 5°.6/16.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.95	+11 31.0	1.753	2.521	17.2	19.6
11 17	6 4.10	+10 26.5	1.699	2.550	13.9	19.5
11 27	5 56.67	+ 9 29.1	1.665	2.580	10.3	19.3
12 7	5 47.46	+ 8 42.4	1.657	2.609	7.0	19.2
12 17	5 37.50	+ 8 9.4	1.676	2.638	5.6	19.2
12 27	5 27.97	+ 7 52.0	1.723	2.667	7.4	19.3
1 6	5 19.92	+ 7 50.0	1.797	2.696	10.4	19.6
1 16	5 14.08	+ 8 1.9	1.896	2.724	13.4	19.8

146638 2001 UV_{51} 12 16.7 131°.58 0°.8/16.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 7.92	+24 53.0	2.136	2.903	14.5	20.6
11 17	6 3.44	+25 8.2	2.050	2.908	11.5	20.4
11 27	5 56.43	+25 22.6	1.986	2.914	8.0	20.2
12 7	5 47.49	+25 34.4	1.949	2.919	4.1	19.9
12 17	5 37.49	+25 42.0	1.941	2.924	0.8	19.7
12 27	5 27.58	+25 44.9	1.962	2.929	4.3	20.0
1 6	5 18.85	+25 44.0	2.013	2.934	8.1	20.2
1 16	5 12.15	+25 41.1	2.090	2.938	11.5	20.4

77751 2001 PB_{5} 12 16.7 34°.22 8°.8/18.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 14.64	+50 23.0	2.436	3.131	14.7	19.2
11 17	6 9.60	+51 21.7	2.355	3.133	12.9	19.1
11 27	6 1.15	+52 6.4	2.294	3.135	11.0	19.0
12 7	5 50.01	+52 30.7	2.256	3.137	9.5	18.9
12 17	5 37.41	+52 29.4	2.243	3.139	8.8	18.8
12 27	5 25.00	+52 1.1	2.256	3.142	9.2	18.9
1 6	5 14.33	+51 9.2	2.296	3.144	10.6	19.0
1 16	5 6.50	+49 59.8	2.359	3.147	12.4	19.1

451117 2009 HS_{25} 12 16.7 203°.38 3°.0/16.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.45	+15 39.5	2.344	3.103	13.6	22.3
11 17	6 1.93	+15 9.7	2.247	3.099	10.9	22.1
11 27	5 55.21	+14 42.6	2.174	3.094	7.9	21.9
12 7	5 46.83	+14 19.4	2.127	3.090	4.7	21.7
12 17	5 37.52	+14 1.4	2.109	3.084	3.0	21.6
12 27	5 28.24	+13 49.8	2.122	3.079	5.1	21.7
1 6	5 19.91	+13 45.3	2.164	3.072	8.4	21.9
1 16	5 13.29	+13 48.3	2.232	3.066	11.4	22.1

381943 2010 CD_{250} 12 16.7 283°.81 1°.1/16.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.49	+20 33.8	1.654	2.440	17.3	21.2
11 17	6 4.11	+20 34.4	1.554	2.423	14.0	21.0
11 27	5 57.55	+20 37.3	1.473	2.405	9.9	20.7
12 7	5 48.34	+20 42.0	1.417	2.388	5.1	20.4
12 17	5 37.47	+20 47.7	1.387	2.371	1.1	20.0
12 27	5 26.37	+20 54.0	1.385	2.353	5.6	20.3
1 6	5 16.57	+21 1.4	1.411	2.336	10.6	20.6
1 16	5 9.29	+21 11.1	1.460	2.318	15.0	20.8

434895 2006 SJ_{407} 12 16.7 354°.52 5°.0/16.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.13	+15 47.4	1.302	2.105	20.2	21.2
11 17	6 3.36	+14 51.3	1.226	2.103	16.4	20.9
11 27	5 57.10	+13 58.4	1.169	2.101	11.9	20.7
12 7	5 48.06	+13 12.4	1.134	2.100	7.3	20.4
12 17	5 37.48	+12 37.1	1.124	2.099	5.0	20.3
12 27	5 27.05	+12 15.9	1.140	2.099	8.0	20.5
1 6	5 18.34	+12 10.2	1.180	2.099	12.7	20.7
1 16	5 12.53	+12 19.5	1.241	2.100	17.1	21.0

249858 2001 QZ_{118} 12 16.7 125°.98 1°.0/16.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.56	+21 56.3	2.086	2.855	14.7	20.6
11 17	6 3.06	+21 35.2	2.002	2.862	11.7	20.4
11 27	5 56.10	+21 13.3	1.940	2.868	8.1	20.2
12 7	5 47.29	+20 50.5	1.904	2.875	4.2	20.0
12 17	5 37.53	+20 27.3	1.898	2.881	1.0	19.7
12 27	5 27.94	+20 5.1	1.921	2.887	4.5	20.0
1 6	5 19.56	+19 45.3	1.973	2.892	8.4	20.3
1 16	5 13.18	+19 29.8	2.051	2.898	11.8	20.5

316202 Johnfowler 12 16.7 51°.29 1°.9/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.96	+28 29.1	1.851	2.627	16.1	21.2
11 17	6 3.93	+28 38.7	1.772	2.634	12.9	21.0
11 27	5 56.99	+28 44.2	1.713	2.641	9.1	20.8
12 7	5 47.83	+28 43.1	1.679	2.648	4.9	20.6
12 17	5 37.51	+28 33.6	1.673	2.655	1.9	20.4
12 27	5 27.37	+28 16.1	1.696	2.662	5.0	20.6
1 6	5 18.69	+27 52.8	1.747	2.670	9.0	20.8
1 16	5 12.39	+27 27.1	1.822	2.677	12.7	21.1

225657 2001 JX_{1} 12 16.7 161°.87 2°.4/16.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 10.96	+16 35.5	2.052	2.811	15.3	22.3
11 17	6 5.75	+16 24.6	1.966	2.818	12.2	22.2
11 27	5 57.99	+16 17.6	1.902	2.825	8.7	21.9
12 7	5 48.27	+16 14.7	1.865	2.831	4.8	21.7
12 17	5 37.50	+16 16.1	1.856	2.836	2.5	21.6
12 27	5 26.84	+16 22.2	1.878	2.840	5.1	21.8
1 6	5 17.38	+16 33.0	1.930	2.843	8.9	22.0
1 16	5 9.99	+16 48.6	2.007	2.845	12.4	22.2

481656 2007 VL_{224} 12 16.7 38°.51 1°.5/16.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 10.75	+24 22.1	1.249	2.051	20.9	19.9
11 17	6 6.57	+23 18.8	1.203	2.082	16.5	19.7
11 27	5 58.82	+22 11.4	1.176	2.113	11.3	19.5
12 7	5 48.61	+21 1.8	1.173	2.145	5.7	19.3
12 17	5 37.51	+19 53.6	1.195	2.178	1.6	19.1
12 27	5 27.22	+18 51.7	1.244	2.212	6.1	19.5
1 6	5 19.16	+18 0.3	1.319	2.246	11.0	19.8
1 16	5 14.12	+17 21.8	1.417	2.280	15.1	20.2

449643 2014 KF_{29} 12 16.7 131°.43 4°.6/16.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 5.97	+12 47.7	1.905	2.675	15.9	21.7
11 17	6 1.98	+12 4.6	1.822	2.677	12.9	21.5
11 27	5 55.46	+11 26.8	1.761	2.679	9.5	21.3
12 7	5 47.02	+10 56.7	1.724	2.681	6.2	21.1
12 17	5 37.55	+10 36.8	1.715	2.684	4.6	21.0
12 27	5 28.19	+10 28.6	1.734	2.685	6.6	21.1
1 6	5 20.01	+10 32.6	1.781	2.687	10.0	21.3
1 16	5 13.86	+10 47.9	1.853	2.689	13.3	21.6

347408 2012 SJ_{31} 12 16.7 94°.35 0°.0/16.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 12.50	+23 26.5	1.706	2.480	17.3	21.6
11 17	6 7.41	+23 27.0	1.639	2.501	13.7	21.5
11 27	5 59.28	+23 26.7	1.593	2.523	9.5	21.2
12 7	5 48.92	+23 24.4	1.572	2.543	4.8	21.0
12 17	5 37.50	+23 18.9	1.580	2.564	0.1	20.7
12 27	5 26.44	+23 10.6	1.616	2.584	5.0	21.1
1 6	5 17.04	+23 1.2	1.681	2.603	9.3	21.4
1 16	5 10.21	+22 53.0	1.771	2.622	13.1	21.7

304155 2006 OO_{18} 12 16.7 129°.07 5°.7/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 16.47	+38 17.0	2.352	3.082	14.3	21.3
11 17	6 10.45	+39 26.2	2.276	3.098	11.9	21.2
11 27	6 1.45	+40 28.1	2.222	3.114	9.2	21.0
12 7	5 50.11	+41 16.8	2.194	3.129	6.8	20.9
12 17	5 37.48	+41 47.5	2.195	3.144	5.7	20.8
12 27	5 24.94	+41 58.1	2.226	3.158	6.8	20.9
1 6	5 13.81	+41 50.5	2.285	3.171	9.1	21.1
1 16	5 5.10	+41 29.1	2.370	3.183	11.6	21.3

264791 2002 NG_{9} 12 16.7 109°.52 2°.7/17.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 18.95	+31 52.0	1.855	2.607	16.9	21.5
11 17	6 12.31	+31 50.0	1.788	2.634	13.5	21.3
11 27	6 2.52	+31 40.0	1.742	2.660	9.6	21.2
12 7	5 50.48	+31 18.8	1.722	2.686	5.5	21.0
12 17	5 37.48	+30 45.0	1.731	2.710	2.7	20.8
12 27	5 25.05	+30 0.2	1.771	2.733	5.2	21.1
1 6	5 14.50	+29 9.0	1.839	2.756	9.1	21.3
1 16	5 6.71	+28 16.6	1.934	2.777	12.6	21.6

230836 2004 PO_{84} 12 16.7 111°.47 1°.8/17.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.41	+29 51.9	2.210	2.972	14.2	20.6
11 17	6 3.76	+29 47.9	2.125	2.978	11.4	20.4
11 27	5 56.60	+29 38.3	2.062	2.985	8.1	20.2
12 7	5 47.56	+29 21.4	2.025	2.991	4.4	20.0
12 17	5 37.57	+28 56.2	2.017	2.998	1.8	19.8
12 27	5 27.77	+28 23.7	2.039	3.004	4.4	20.0
1 6	5 19.23	+27 46.4	2.090	3.010	7.9	20.3
1 16	5 12.76	+27 7.7	2.168	3.016	11.2	20.5

322264 2011 EK_{15} 12 16.7 15°.86 4°.8/16.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 2.94	+11 1.0	2.204	2.967	14.2	20.5
11 17	5 59.23	+10 15.9	2.118	2.968	11.6	20.3
11 27	5 53.38	+ 9 36.4	2.055	2.969	8.7	20.1
12 7	5 45.92	+ 9 5.1	2.018	2.970	5.9	20.0
12 17	5 37.62	+ 8 44.2	2.008	2.971	4.8	19.9
12 27	5 29.39	+ 8 35.5	2.028	2.972	6.4	20.0
1 6	5 22.14	+ 8 38.9	2.075	2.974	9.2	20.2
1 16	5 16.57	+ 8 53.8	2.147	2.976	12.0	20.4

199850 2007 EC_{79} 12 16.7 229°.96 0°.7/16.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 10.36	+25 16.3	1.878	2.649	16.0	21.0
11 17	6 5.96	+25 19.1	1.780	2.641	12.9	20.7
11 27	5 58.55	+25 20.0	1.703	2.632	9.1	20.5
12 7	5 48.75	+25 17.1	1.652	2.622	4.7	20.2
12 17	5 37.54	+25 9.0	1.629	2.612	0.7	19.9
12 27	5 26.27	+24 55.8	1.635	2.602	4.9	20.2
1 6	5 16.33	+24 39.2	1.669	2.591	9.4	20.4
1 16	5 8.76	+24 22.0	1.729	2.580	13.4	20.6

58335 1994 UN_{11} 12 16.7 156°.86 1°.7/16.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.34	+18 21.7	2.389	3.145	13.4	21.0
11 17	6 3.33	+18 10.9	2.301	3.153	10.7	20.8
11 27	5 56.12	+18 2.0	2.237	3.160	7.5	20.6
12 7	5 47.29	+17 55.2	2.199	3.167	4.0	20.4
12 17	5 37.60	+17 50.7	2.192	3.173	1.7	20.2
12 27	5 28.01	+17 48.9	2.215	3.178	4.3	20.4
1 6	5 19.44	+17 50.3	2.269	3.183	7.7	20.6
1 16	5 12.62	+17 55.4	2.349	3.187	10.8	20.9

57302 2001 QE_{198} 12 16.7 36°.22 2°.5/17.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.74	+29 35.1	1.683	2.466	17.2	18.9
11 17	6 4.06	+29 48.0	1.610	2.476	13.8	18.7
11 27	5 57.23	+29 55.8	1.558	2.486	9.8	18.5
12 7	5 48.01	+29 55.4	1.529	2.497	5.5	18.3
12 17	5 37.57	+29 44.8	1.528	2.508	2.5	18.1
12 27	5 27.39	+29 24.3	1.554	2.520	5.4	18.3
1 6	5 18.84	+28 56.9	1.608	2.532	9.5	18.6
1 16	5 12.89	+28 26.4	1.686	2.544	13.3	18.8

489153 2006 EF_{10} 12 16.7 209°.77 0°.6/16.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 5.51	+25 8.4	2.849	3.603	11.5	22.9
11 17	6 0.96	+25 16.6	2.746	3.597	9.2	22.7
11 27	5 54.45	+25 23.6	2.667	3.592	6.4	22.5
12 7	5 46.45	+25 28.2	2.616	3.585	3.3	22.3
12 17	5 37.62	+25 29.5	2.595	3.579	0.6	22.1
12 27	5 28.78	+25 27.3	2.606	3.572	3.5	22.3
1 6	5 20.74	+25 22.4	2.647	3.564	6.6	22.5
1 16	5 14.19	+25 16.1	2.715	3.557	9.4	22.6

68140 2001 AA_{27} 12 16.7 88°.22 4°.5/17.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 16.91	+32 30.2	1.467	2.241	19.6	18.9
11 17	6 11.85	+33 10.9	1.405	2.262	15.9	18.7
11 27	6 2.89	+33 44.6	1.362	2.283	11.5	18.5
12 7	5 50.93	+34 5.1	1.343	2.304	7.1	18.3
12 17	5 37.51	+34 7.8	1.350	2.324	4.5	18.2
12 27	5 24.57	+33 52.0	1.384	2.344	6.9	18.4
1 6	5 13.86	+33 22.1	1.446	2.363	11.0	18.7
1 16	5 6.50	+32 44.5	1.530	2.382	14.8	18.9

490613 2009 WQ_{207} 12 16.7 19°.36 2°.1/16.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.76	+26 3.4	1.111	1.932	21.9	21.1
11 17	6 3.92	+26 31.7	1.050	1.939	17.5	20.9
11 27	5 57.94	+26 58.8	1.007	1.947	12.3	20.6
12 7	5 48.64	+27 20.8	0.984	1.956	6.5	20.3
12 17	5 37.57	+27 33.9	0.985	1.967	2.1	20.1
12 27	5 26.82	+27 36.9	1.010	1.980	6.7	20.4
1 6	5 18.30	+27 31.8	1.059	1.993	12.1	20.8
1 16	5 13.28	+27 22.8	1.129	2.007	16.9	21.1

53917 2000 GP_{17} 12 16.7 315°.07 4°.7/16.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 10.72	+31 41.4	1.501	2.285	18.8	19.5
11 17	6 7.37	+32 32.6	1.417	2.281	15.4	19.3
11 27	6 0.19	+33 20.2	1.352	2.276	11.3	19.0
12 7	5 49.83	+33 57.8	1.310	2.271	7.1	18.8
12 17	5 37.53	+34 19.6	1.293	2.267	4.7	18.6
12 27	5 25.17	+34 22.8	1.304	2.263	7.2	18.8
1 6	5 14.62	+34 9.4	1.340	2.259	11.5	19.0
1 16	5 7.25	+33 44.8	1.399	2.255	15.7	19.3

348668 2006 BT_{16} 12 16.7 208°.66 0°.0/16.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 9.78	+23 36.2	2.014	2.781	15.2	21.9
11 17	6 5.17	+23 33.9	1.918	2.777	12.2	21.7
11 27	5 57.82	+23 30.5	1.844	2.772	8.5	21.4
12 7	5 48.32	+23 25.1	1.796	2.766	4.3	21.2
12 17	5 37.59	+23 16.6	1.776	2.760	0.1	20.8
12 27	5 26.86	+23 5.5	1.787	2.754	4.6	21.2
1 6	5 17.36	+22 53.1	1.826	2.747	8.8	21.4
1 16	5 10.03	+22 41.5	1.891	2.739	12.6	21.6

82173 2001 HS_{10} 12 16.7 96°.58 4°.4/16.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 14.78	+30 30.1	1.566	2.340	18.6	19.7
11 17	6 10.15	+31 34.2	1.495	2.353	15.0	19.5
11 27	6 1.81	+32 35.4	1.444	2.366	10.9	19.3
12 7	5 50.49	+33 27.4	1.417	2.378	6.7	19.0
12 17	5 37.52	+34 4.0	1.417	2.391	4.4	18.9
12 27	5 24.72	+34 22.3	1.445	2.403	6.8	19.1
1 6	5 13.81	+34 24.0	1.500	2.415	10.9	19.4
1 16	5 6.02	+34 14.2	1.579	2.427	14.6	19.6

447875 2007 VQ_{168} 12 16.7 301°.52 6°.1/15.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 15.79	+29 48.7	1.759	2.523	17.2	20.9
11 17	6 11.67	+31 58.1	1.646	2.497	14.3	20.7
11 27	6 3.68	+34 16.6	1.555	2.471	10.8	20.4
12 7	5 52.00	+36 35.6	1.491	2.445	7.4	20.1
12 17	5 37.46	+38 43.3	1.456	2.419	6.2	20.0
12 27	5 21.74	+40 29.3	1.451	2.393	8.7	20.1
1 6	5 6.94	+41 48.3	1.474	2.368	12.6	20.3
1 16	4 55.03	+42 42.1	1.522	2.343	16.5	20.4

215392 2002 CF_{144} 12 16.7 8°.12 3°.2/16.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.57	+18 15.8	1.175	1.987	21.4	19.7
11 17	6 4.17	+17 47.7	1.104	1.987	17.2	19.4
11 27	5 57.94	+17 23.1	1.051	1.988	12.2	19.1
12 7	5 48.62	+17 3.7	1.019	1.989	6.8	18.8
12 17	5 37.58	+16 51.0	1.011	1.992	3.2	18.6
12 27	5 26.71	+16 46.4	1.028	1.994	7.3	18.9
1 6	5 17.80	+16 50.9	1.069	1.998	12.7	19.2
1 16	5 12.09	+17 4.6	1.131	2.002	17.5	19.5

106534 2000 WK_{60} 12 16.7 5°.52 3°.3/16.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 3.10	+20 1.4	1.035	1.864	22.5	19.0
11 17	6 1.84	+19 15.0	0.969	1.863	18.1	18.7
11 27	5 56.51	+18 28.6	0.921	1.864	12.8	18.4
12 7	5 47.94	+17 44.7	0.893	1.866	7.0	18.1
12 17	5 37.61	+17 6.6	0.888	1.869	3.3	17.9
12 27	5 27.54	+16 37.9	0.906	1.874	7.7	18.2
1 6	5 19.61	+16 21.4	0.947	1.880	13.3	18.5
1 16	5 15.06	+16 17.9	1.007	1.887	18.4	18.8

495697 2016 CN_{11} 12 16.7 303°.27 1°.3/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 5.02	+27 27.8	2.228	2.997	13.9	21.6
11 17	6 1.27	+27 30.8	2.126	2.986	11.1	21.4
11 27	5 55.05	+27 30.6	2.047	2.974	7.9	21.2
12 7	5 46.90	+27 25.5	1.994	2.963	4.2	20.9
12 17	5 37.65	+27 14.3	1.969	2.951	1.3	20.7
12 27	5 28.36	+26 57.3	1.974	2.940	4.3	20.9
1 6	5 20.14	+26 36.0	2.007	2.929	8.1	21.1
1 16	5 13.84	+26 13.0	2.067	2.919	11.5	21.3

193199 2000 QL_{139} 12 16.7 95°.22 5°.5/16.6 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 10.04	+ 9 26.7	1.826	2.584	16.9	20.7
11 17	6 5.01	+ 8 51.7	1.763	2.608	13.8	20.5
11 27	5 57.40	+ 8 26.0	1.721	2.631	10.3	20.3
12 7	5 47.95	+ 8 12.2	1.704	2.655	7.0	20.2
12 17	5 37.63	+ 8 12.0	1.715	2.677	5.5	20.2
12 27	5 27.62	+ 8 25.8	1.754	2.699	7.2	20.3
1 6	5 19.01	+ 8 52.2	1.821	2.721	10.2	20.5
1 16	5 12.57	+ 9 29.1	1.913	2.742	13.3	20.8

332217 2006 GV_{36} 12 16.7 215°.22 4°.1/16.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 3.09	+10 38.1	2.643	3.393	12.4	21.4
11 17	5 59.01	+10 4.0	2.548	3.389	10.1	21.2
11 27	5 53.09	+ 9 35.1	2.475	3.385	7.6	21.1
12 7	5 45.77	+ 9 13.3	2.429	3.380	5.2	20.9
12 17	5 37.69	+ 9 0.1	2.412	3.375	4.1	20.8
12 27	5 29.63	+ 8 56.8	2.426	3.369	5.5	20.9
1 6	5 22.34	+ 9 3.4	2.468	3.364	8.0	21.1
1 16	5 16.48	+ 9 19.3	2.536	3.358	10.6	21.2

361286 2006 TB_{35} 12 16.7 358°.27 2°.0/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.71	+27 31.8	1.724	2.508	16.8	21.2
11 17	6 3.32	+27 50.4	1.639	2.506	13.5	20.9
11 27	5 56.84	+28 6.4	1.575	2.506	9.5	20.7
12 7	5 47.92	+28 16.8	1.536	2.505	5.2	20.5
12 17	5 37.63	+28 19.5	1.523	2.505	2.0	20.2
12 27	5 27.40	+28 13.6	1.538	2.505	5.3	20.5
1 6	5 18.63	+28 1.1	1.581	2.506	9.6	20.7
1 16	5 12.36	+27 45.0	1.648	2.507	13.5	21.0

81606 2000 HU_{64} 12 16.7 140°.61 2°.6/16.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.08	+17 18.1	2.204	2.968	14.2	20.1
11 17	6 2.49	+16 45.7	2.120	2.975	11.4	19.9
11 27	5 55.63	+16 15.1	2.059	2.982	8.0	19.7
12 7	5 47.08	+15 47.5	2.023	2.989	4.6	19.5
12 17	5 37.67	+15 24.2	2.018	2.995	2.6	19.4
12 27	5 28.40	+15 6.4	2.042	3.001	5.0	19.6
1 6	5 20.22	+14 55.4	2.095	3.007	8.4	19.8
1 16	5 13.88	+14 51.5	2.174	3.012	11.5	20.0

412575 2014 OK_{6} 12 16.7 257°.22 3°.7/16.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.68	+12 43.3	2.519	3.263	13.1	21.7
11 17	6 3.80	+12 17.5	2.394	3.234	10.7	21.5
11 27	5 56.69	+11 55.8	2.292	3.204	8.0	21.3
12 7	5 47.75	+11 39.5	2.216	3.173	5.1	21.1
12 17	5 37.65	+11 30.2	2.171	3.141	3.7	20.9
12 27	5 27.30	+11 29.0	2.157	3.107	5.6	21.0
1 6	5 17.67	+11 36.4	2.172	3.073	8.8	21.1
1 16	5 9.60	+11 52.2	2.215	3.038	11.9	21.3

385292 2001 TJ_{170} 12 16.7 55°.53 0°.5/16.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 12.98	+26 0.4	1.317	2.111	20.5	20.7
11 17	6 8.48	+25 43.9	1.265	2.138	16.2	20.5
11 27	6 0.31	+25 23.5	1.232	2.166	11.2	20.3
12 7	5 49.51	+24 57.6	1.222	2.194	5.7	20.1
12 17	5 37.61	+24 26.2	1.238	2.222	0.5	19.8
12 27	5 26.40	+23 51.7	1.281	2.250	5.7	20.3
1 6	5 17.39	+23 17.9	1.351	2.278	10.7	20.6
1 16	5 11.52	+22 48.4	1.443	2.307	14.9	20.9

435547 2008 PX_{4} 12 16.7 154°.62 2°.3/16.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 10.90	+15 55.1	1.948	2.710	15.9	21.6
11 17	6 5.93	+16 3.8	1.863	2.717	12.7	21.4
11 27	5 58.27	+16 18.4	1.800	2.724	9.0	21.2
12 7	5 48.53	+16 38.8	1.763	2.730	5.0	20.9
12 17	5 37.64	+17 4.0	1.755	2.735	2.3	20.8
12 27	5 26.80	+17 33.0	1.777	2.740	5.1	21.0
1 6	5 17.21	+18 4.9	1.828	2.744	9.1	21.2
1 16	5 9.78	+18 39.1	1.905	2.748	12.7	21.4

146573 2001 TS_{68} 12 16.7 357°.24 1°.5/16.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.32	+20 31.0	1.785	2.570	16.3	20.3
11 17	6 1.86	+20 13.7	1.700	2.568	13.0	20.1
11 27	5 55.62	+19 57.2	1.636	2.567	9.1	19.8
12 7	5 47.24	+19 41.6	1.596	2.567	4.8	19.6
12 17	5 37.68	+19 27.4	1.584	2.567	1.5	19.3
12 27	5 28.19	+19 15.7	1.600	2.567	5.1	19.6
1 6	5 20.01	+19 7.6	1.644	2.567	9.4	19.9
1 16	5 14.07	+19 4.3	1.712	2.568	13.3	20.1

292091 2006 RC_{37} 12 16.7 52°.74 6°.8/16.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 5.52	+ 7 2.6	1.700	2.468	17.6	20.4
11 17	6 1.76	+ 6 22.1	1.634	2.482	14.5	20.3
11 27	5 55.37	+ 5 53.4	1.589	2.496	11.2	20.1
12 7	5 47.02	+ 5 40.1	1.567	2.511	8.1	19.9
12 17	5 37.69	+ 5 44.4	1.571	2.526	6.8	19.9
12 27	5 28.59	+ 6 6.8	1.602	2.542	8.2	20.0
1 6	5 20.83	+ 6 45.2	1.659	2.557	11.1	20.2
1 16	5 15.25	+ 7 36.3	1.740	2.573	14.2	20.5

360627 2004 EP_{49} 12 16.7 56°.22 5°.4/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 11.18	+34 55.5	1.830	2.594	16.7	20.8
11 17	6 7.01	+35 56.2	1.752	2.600	13.7	20.6
11 27	5 59.49	+36 50.9	1.695	2.607	10.3	20.4
12 7	5 49.32	+37 33.5	1.662	2.613	7.0	20.2
12 17	5 37.63	+37 58.8	1.656	2.620	5.4	20.1
12 27	5 26.02	+38 4.6	1.679	2.627	7.1	20.2
1 6	5 16.02	+37 53.0	1.728	2.634	10.2	20.4
1 16	5 8.76	+37 28.8	1.801	2.642	13.5	20.7

309028 2006 UR_{146} 12 16.7 20°.20 4°.6/17.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.25	+33 43.3	1.503	2.289	18.7	20.1
11 17	6 5.12	+34 7.1	1.430	2.294	15.2	19.9
11 27	5 58.35	+34 22.2	1.377	2.301	11.2	19.7
12 7	5 48.75	+34 23.8	1.346	2.308	7.0	19.5
12 17	5 37.66	+34 8.4	1.341	2.315	4.6	19.4
12 27	5 26.85	+33 36.3	1.363	2.324	6.7	19.5
1 6	5 17.95	+32 51.7	1.410	2.333	10.8	19.8
1 16	5 12.08	+32 1.0	1.481	2.343	14.6	20.0

452461 2003 UM_{165} 12 16.7 55°.29 3°.3/16.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 3.85	+15 22.8	2.249	3.015	13.8	21.2
11 17	5 59.92	+14 43.0	2.164	3.019	11.1	21.1
11 27	5 53.86	+14 5.8	2.102	3.023	8.0	20.9
12 7	5 46.21	+13 33.1	2.066	3.028	4.9	20.7
12 17	5 37.74	+13 6.7	2.058	3.032	3.3	20.6
12 27	5 29.37	+12 48.2	2.081	3.036	5.3	20.7
1 6	5 22.02	+12 38.4	2.131	3.040	8.4	20.9
1 16	5 16.36	+12 37.4	2.208	3.045	11.4	21.1

172969 2005 QA_{20} 12 16.7 70°.27 4°.5/16.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 9.42	+12 42.1	1.449	2.233	19.4	19.7
11 17	6 5.41	+12 26.8	1.384	2.248	15.7	19.5
11 27	5 58.19	+12 21.1	1.339	2.263	11.4	19.3
12 7	5 48.55	+12 26.6	1.316	2.279	7.0	19.1
12 17	5 37.67	+12 44.0	1.320	2.294	4.5	19.0
12 27	5 27.08	+13 12.5	1.351	2.310	7.1	19.2
1 6	5 18.16	+13 50.4	1.407	2.325	11.2	19.5
1 16	5 11.91	+14 35.4	1.488	2.340	15.1	19.7

482709 2013 CF_{208} 12 16.7 337°.39 1°.5/16.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.46	+26 1.3	1.524	2.320	18.1	21.5
11 17	6 2.83	+26 19.1	1.436	2.311	14.5	21.2
11 27	5 56.83	+26 35.6	1.368	2.302	10.3	20.9
12 7	5 48.08	+26 48.3	1.323	2.295	5.4	20.7
12 17	5 37.68	+26 54.5	1.305	2.288	1.5	20.4
12 27	5 27.23	+26 53.3	1.313	2.281	5.7	20.6
1 6	5 18.32	+26 46.2	1.347	2.275	10.6	20.9
1 16	5 12.17	+26 36.1	1.404	2.270	15.0	21.2

464564 2016 CC_{50} 12 16.7 329°.80 3°.9/16.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.84	+32 12.7	1.989	2.760	15.3	21.4
11 17	6 2.51	+32 51.0	1.893	2.749	12.4	21.2
11 27	5 56.27	+33 25.1	1.819	2.739	9.1	21.0
12 7	5 47.68	+33 50.8	1.769	2.729	5.8	20.8
12 17	5 37.69	+34 4.5	1.747	2.720	3.9	20.6
12 27	5 27.62	+34 4.6	1.753	2.711	5.8	20.7
1 6	5 18.79	+33 52.5	1.786	2.702	9.3	20.9
1 16	5 12.27	+33 31.7	1.844	2.694	12.7	21.1

265364 2004 RS_{133} 12 16.7 43°.05 1°.2/16.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.63	+26 14.6	1.927	2.704	15.5	21.0
11 17	6 2.75	+26 27.7	1.848	2.712	12.3	20.8
11 27	5 56.15	+26 38.8	1.791	2.720	8.6	20.6
12 7	5 47.47	+26 45.8	1.759	2.729	4.5	20.4
12 17	5 37.71	+26 47.2	1.754	2.737	1.2	20.2
12 27	5 28.09	+26 42.8	1.779	2.746	4.6	20.4
1 6	5 19.80	+26 33.9	1.832	2.756	8.6	20.7
1 16	5 13.72	+26 23.0	1.910	2.765	12.2	20.9

487645 2015 OA_{64} 12 16.7 12°.25 0°.1/16.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.36	+18 13.2	1.409	2.206	19.3	20.7
11 17	6 4.39	+19 22.0	1.334	2.209	15.4	20.5
11 27	5 57.95	+20 42.0	1.278	2.213	10.8	20.2
12 7	5 48.66	+22 9.4	1.246	2.219	5.5	20.0
12 17	5 37.68	+23 38.3	1.241	2.225	0.2	19.6
12 27	5 26.64	+25 2.7	1.264	2.233	5.7	20.0
1 6	5 17.22	+26 18.7	1.313	2.241	10.8	20.3
1 16	5 10.65	+27 25.0	1.385	2.250	15.2	20.6

367637 2009 VG_{113} 12 16.7 339°.15 0°.6/16.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 5.50	+26 48.7	2.133	2.905	14.3	20.3
11 17	6 1.62	+26 30.6	2.040	2.901	11.5	20.1
11 27	5 55.25	+26 8.2	1.970	2.898	8.0	19.8
12 7	5 46.99	+25 40.6	1.925	2.895	4.1	19.6
12 17	5 37.73	+25 7.8	1.908	2.892	0.6	19.3
12 27	5 28.56	+24 31.2	1.922	2.890	4.3	19.6
1 6	5 20.57	+23 53.3	1.964	2.887	8.2	19.8
1 16	5 14.57	+23 17.2	2.032	2.885	11.6	20.1

167750 2004 XW_{61} 12 16.7 44°.43 2°.1/16.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 9.33	+20 41.1	1.121	1.934	22.2	20.3
11 17	6 6.36	+20 15.4	1.062	1.946	17.7	20.1
11 27	5 59.36	+19 51.1	1.020	1.959	12.4	19.8
12 7	5 49.28	+19 28.8	1.000	1.972	6.5	19.6
12 17	5 37.67	+19 9.3	1.004	1.987	2.1	19.3
12 27	5 26.51	+18 54.5	1.033	2.001	6.8	19.7
1 6	5 17.59	+18 46.1	1.086	2.016	12.3	20.0
1 16	5 12.03	+18 45.6	1.160	2.032	17.1	20.4

369562 2011 BS_{8} 12 16.7 280°.21 0°.1/16.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.36	+22 32.5	2.227	2.997	13.9	22.0
11 17	6 1.42	+22 40.4	2.131	2.992	11.1	21.8
11 27	5 55.11	+22 48.9	2.058	2.987	7.7	21.6
12 7	5 46.95	+22 56.9	2.011	2.982	3.9	21.4
12 17	5 37.73	+23 3.5	1.993	2.977	0.1	21.0
12 27	5 28.51	+23 8.4	2.005	2.972	4.2	21.4
1 6	5 20.29	+23 12.1	2.046	2.968	8.0	21.6
1 16	5 13.93	+23 15.7	2.113	2.963	11.3	21.8

285096 1994 TZ_{10} 12 16.7 79°.13 0°.1/16.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.28	+23 41.6	1.797	2.576	16.4	21.5
11 17	6 4.18	+23 36.5	1.717	2.582	13.1	21.3
11 27	5 57.20	+23 30.3	1.658	2.589	9.1	21.1
12 7	5 48.03	+23 21.9	1.624	2.595	4.6	20.8
12 17	5 37.71	+23 10.8	1.618	2.602	0.1	20.5
12 27	5 27.55	+22 57.5	1.641	2.608	4.8	20.9
1 6	5 18.81	+22 43.8	1.691	2.615	9.2	21.1
1 16	5 12.42	+22 31.7	1.767	2.622	13.0	21.4

493422 2014 WT_{260} 12 16.7 183°.58 0°.8/16.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 4.42	+20 11.7	2.512	3.275	12.7	21.4
11 17	6 0.31	+20 19.1	2.419	3.275	10.1	21.2
11 27	5 54.13	+20 28.4	2.349	3.275	7.0	21.0
12 7	5 46.38	+20 39.0	2.305	3.275	3.6	20.8
12 17	5 37.76	+20 50.2	2.292	3.275	0.8	20.6
12 27	5 29.15	+21 1.8	2.309	3.275	3.8	20.8
1 6	5 21.42	+21 13.7	2.355	3.275	7.2	21.1
1 16	5 15.29	+21 26.4	2.428	3.274	10.2	21.3

254360 2004 TS_{70} 12 16.7 317°.80 0°.5/16.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 4.49	+22 15.8	1.983	2.762	15.0	21.0
11 17	6 1.08	+22 12.1	1.887	2.752	12.0	20.8
11 27	5 55.07	+22 8.6	1.812	2.743	8.4	20.6
12 7	5 47.00	+22 4.5	1.762	2.733	4.3	20.3
12 17	5 37.75	+21 59.6	1.740	2.724	0.5	20.0
12 27	5 28.45	+21 54.0	1.748	2.715	4.6	20.3
1 6	5 20.28	+21 48.8	1.783	2.707	8.8	20.5
1 16	5 14.15	+21 45.3	1.843	2.699	12.5	20.7

387628 2002 NM_{8} 12 16.7 151°.58 9°.8/17.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.13	−11 48.1	2.733	3.380	14.2	21.7
11 17	6 2.75	−12 34.4	2.662	3.392	12.7	21.6
11 27	5 55.53	−13 3.7	2.611	3.403	11.3	21.5
12 7	5 46.98	−13 11.7	2.583	3.414	10.2	21.5
12 17	5 37.76	−12 55.7	2.580	3.423	9.8	21.5
12 27	5 28.66	−12 15.4	2.603	3.432	10.2	21.5
1 6	5 20.45	−11 12.9	2.652	3.439	11.2	21.6
1 16	5 13.72	− 9 52.4	2.725	3.446	12.5	21.7

7924 Simbirsk 12 16.7 124°.67 0°.4/16.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.66	+22 2.7	2.643	3.401	12.2	18.4
11 17	6 1.06	+21 59.2	2.559	3.413	9.7	18.2
11 27	5 54.50	+21 55.6	2.498	3.424	6.7	18.1
12 7	5 46.50	+21 51.5	2.465	3.435	3.4	17.9
12 17	5 37.77	+21 46.6	2.461	3.445	0.5	17.6
12 27	5 29.16	+21 41.2	2.489	3.455	3.6	17.9
1 6	5 21.48	+21 36.1	2.547	3.465	6.8	18.1
1 16	5 15.36	+21 32.2	2.632	3.475	9.6	18.3

9671 Hemera 12 16.7 300°.81 2°.4/16.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.14	+18 42.2	1.938	2.709	15.6	18.4
11 17	6 4.47	+18 16.1	1.804	2.664	12.8	18.1
11 27	5 57.87	+17 50.1	1.690	2.617	9.2	17.7
12 7	5 48.69	+17 25.0	1.602	2.570	5.2	17.4
12 17	5 37.70	+17 1.6	1.542	2.522	2.5	17.1
12 27	5 26.13	+16 41.7	1.511	2.474	5.9	17.2
1 6	5 15.36	+16 27.1	1.508	2.425	10.6	17.4
1 16	5 6.67	+16 19.7	1.529	2.375	15.1	17.5

109085 2001 QF_{28} 12 16.7 40°.71 2°.1/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 10.05	+26 38.3	1.212	2.018	21.3	18.4
11 17	6 6.81	+27 3.5	1.158	2.038	16.9	18.2
11 27	5 59.60	+27 26.3	1.122	2.058	11.8	17.9
12 7	5 49.38	+27 42.8	1.108	2.079	6.3	17.7
12 17	5 37.70	+27 49.5	1.119	2.101	2.1	17.5
12 27	5 26.54	+27 46.2	1.155	2.124	6.2	17.8
1 6	5 17.63	+27 35.6	1.216	2.147	11.3	18.2
1 16	5 12.06	+27 21.9	1.300	2.170	15.7	18.5

265513 2005 LF_{3} 12 16.7 139°.93 8°.5/17.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 12.61	− 1 55.0	1.978	2.689	17.2	21.0
11 17	6 6.99	− 2 12.1	1.903	2.703	14.7	20.9
11 27	5 58.83	− 2 11.3	1.848	2.716	12.0	20.7
12 7	5 48.77	− 1 48.8	1.817	2.728	9.7	20.6
12 17	5 37.72	− 1 3.1	1.812	2.739	8.5	20.6
12 27	5 26.82	+ 0 4.8	1.837	2.749	9.4	20.6
1 6	5 17.16	+ 1 30.8	1.889	2.759	11.5	20.8
1 16	5 9.57	+ 3 9.5	1.966	2.767	14.1	21.0

400643 2009 FG_{27} 12 16.7 272°.92 5°.8/16.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 11.81	+35 6.0	1.927	2.686	16.1	21.2
11 17	6 7.72	+36 17.5	1.830	2.674	13.4	21.0
11 27	6 0.24	+37 25.2	1.754	2.663	10.2	20.8
12 7	5 49.90	+38 22.8	1.703	2.652	7.2	20.6
12 17	5 37.72	+39 3.6	1.679	2.640	5.8	20.5
12 27	5 25.26	+39 24.0	1.684	2.629	7.4	20.6
1 6	5 14.16	+39 24.7	1.715	2.617	10.6	20.7
1 16	5 5.75	+39 9.9	1.771	2.605	13.9	20.9

359771 2011 UV_{127} 12 16.8 58°.81 3°.7/16.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.98	+14 43.5	1.827	2.603	16.3	20.9
11 17	6 2.18	+14 13.4	1.747	2.607	13.1	20.7
11 27	5 55.74	+13 48.1	1.687	2.611	9.5	20.4
12 7	5 47.31	+13 29.5	1.653	2.616	5.7	20.2
12 17	5 37.80	+13 18.9	1.645	2.620	3.8	20.1
12 27	5 28.41	+13 17.6	1.667	2.625	6.1	20.3
1 6	5 20.27	+13 25.6	1.715	2.629	9.8	20.5
1 16	5 14.25	+13 42.5	1.788	2.634	13.3	20.7

512713 2016 US_{13} 12 16.8 142°.12 2°.5/16.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 11.50	+16 17.2	1.800	2.567	16.8	21.5
11 17	6 6.60	+16 14.3	1.720	2.577	13.5	21.3
11 27	5 58.84	+16 16.8	1.662	2.586	9.5	21.1
12 7	5 48.89	+16 24.9	1.628	2.595	5.3	20.9
12 17	5 37.76	+16 38.0	1.623	2.603	2.5	20.7
12 27	5 26.76	+16 55.9	1.648	2.611	5.5	20.9
1 6	5 17.14	+17 18.1	1.701	2.618	9.6	21.2
1 16	5 9.86	+17 44.1	1.779	2.624	13.4	21.4

180704 2004 HM_{48} 12 16.8 330°.93 8°.1/17.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 11.14	+42 10.6	1.717	2.472	17.9	20.0
11 17	6 7.74	+42 59.9	1.630	2.464	15.2	19.8
11 27	6 0.48	+43 36.9	1.561	2.455	12.2	19.6
12 7	5 50.02	+43 53.9	1.515	2.448	9.5	19.4
12 17	5 37.73	+43 44.9	1.494	2.440	8.1	19.3
12 27	5 25.50	+43 7.9	1.499	2.434	9.1	19.3
1 6	5 15.19	+42 7.3	1.529	2.427	11.9	19.5
1 16	5 8.13	+40 51.1	1.582	2.422	15.0	19.7

330188 2006 DC_{78} 12 16.8 184°.10 0°.2/16.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.62	+23 45.7	2.660	3.418	12.1	22.1
11 17	6 1.17	+23 49.6	2.565	3.418	9.7	21.9
11 27	5 54.69	+23 52.8	2.493	3.418	6.7	21.8
12 7	5 46.68	+23 54.5	2.448	3.418	3.4	21.5
12 17	5 37.83	+23 53.8	2.433	3.417	0.2	21.3
12 27	5 29.01	+23 50.9	2.449	3.416	3.6	21.6
1 6	5 21.07	+23 46.4	2.495	3.415	6.9	21.8
1 16	5 14.71	+23 41.6	2.569	3.413	9.8	22.0

152834 1999 VL_{71} 12 16.8 81°.99 3°.5/16.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 9.76	+31 17.9	2.175	2.934	14.5	19.7
11 17	6 5.12	+32 8.0	2.097	2.947	11.7	19.6
11 27	5 57.77	+32 54.5	2.042	2.959	8.5	19.4
12 7	5 48.35	+33 33.4	2.012	2.972	5.3	19.2
12 17	5 37.78	+34 0.9	2.011	2.984	3.5	19.1
12 27	5 27.31	+34 15.5	2.040	2.997	5.3	19.3
1 6	5 18.10	+34 18.3	2.098	3.009	8.4	19.5
1 16	5 11.08	+34 12.1	2.181	3.021	11.4	19.7

439037 2011 FQ_{44} 12 16.8 148°.92 1°.1/16.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 12.53	+25 38.8	1.975	2.738	15.6	22.3
11 17	6 7.36	+25 53.7	1.891	2.747	12.5	22.1
11 27	5 59.34	+26 7.1	1.830	2.755	8.7	21.9
12 7	5 49.14	+26 16.8	1.794	2.763	4.5	21.7
12 17	5 37.77	+26 20.6	1.787	2.771	1.1	21.4
12 27	5 26.53	+26 18.1	1.811	2.777	4.7	21.7
1 6	5 16.67	+26 10.8	1.863	2.783	8.7	22.0
1 16	5 9.13	+26 1.3	1.942	2.789	12.3	22.2

464452 2016 BC_{37} 12 16.8 335°.81 2°.8/16.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 3.36	+14 39.2	1.950	2.727	15.3	20.9
11 17	6 0.15	+14 45.3	1.856	2.718	12.4	20.7
11 27	5 54.44	+14 58.5	1.783	2.709	8.9	20.4
12 7	5 46.72	+15 19.2	1.735	2.701	5.1	20.2
12 17	5 37.83	+15 47.3	1.715	2.693	2.8	20.0
12 27	5 28.85	+16 21.9	1.723	2.686	5.3	20.2
1 6	5 20.92	+17 1.6	1.760	2.680	9.1	20.4
1 16	5 14.93	+17 45.0	1.821	2.674	12.8	20.6

55602 2002 RT_{116} 12 16.8 145°.52 1°.3/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.31	+28 23.6	2.763	3.516	11.9	19.7
11 17	6 1.62	+28 23.5	2.673	3.522	9.5	19.5
11 27	5 54.92	+28 19.9	2.606	3.528	6.6	19.3
12 7	5 46.76	+28 11.2	2.567	3.534	3.6	19.1
12 17	5 37.84	+27 57.0	2.558	3.540	1.3	19.0
12 27	5 29.03	+27 37.5	2.580	3.545	3.6	19.1
1 6	5 21.16	+27 14.3	2.632	3.550	6.6	19.4
1 16	5 14.89	+26 49.4	2.712	3.555	9.4	19.5

358747 2008 CG_{126} 12 16.8 29°.29 3°.7/16.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.42	+14 10.8	1.884	2.658	15.9	21.3
11 17	6 1.70	+13 47.7	1.800	2.659	12.8	21.1
11 27	5 55.41	+13 30.2	1.738	2.661	9.3	20.8
12 7	5 47.16	+13 19.7	1.700	2.663	5.7	20.6
12 17	5 37.83	+13 17.6	1.690	2.665	3.7	20.5
12 27	5 28.56	+13 24.4	1.708	2.666	6.0	20.7
1 6	5 20.48	+13 40.0	1.754	2.668	9.6	20.9
1 16	5 14.45	+14 3.5	1.825	2.671	13.1	21.1

45914 2000 YE_{68} 12 16.8 231°.72 6°.2/16.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.95	+ 5 49.3	2.099	2.845	15.4	19.2
11 17	6 2.69	+ 5 26.2	2.003	2.836	12.8	19.0
11 27	5 56.03	+ 5 13.8	1.928	2.827	10.0	18.8
12 7	5 47.48	+ 5 15.3	1.877	2.817	7.4	18.7
12 17	5 37.82	+ 5 32.5	1.854	2.807	6.2	18.6
12 27	5 28.08	+ 6 5.8	1.860	2.797	7.5	18.6
1 6	5 19.31	+ 6 53.6	1.894	2.787	10.3	18.8
1 16	5 12.36	+ 7 53.2	1.953	2.776	13.3	18.9

231052 2005 GV_{68} 12 16.8 286°.44 2°.8/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 4.58	+12 51.5	2.422	3.178	13.2	20.2
11 17	6 0.58	+13 4.7	2.319	3.168	10.7	20.0
11 27	5 54.45	+13 25.2	2.239	3.157	7.8	19.8
12 7	5 46.64	+13 53.5	2.185	3.147	4.7	19.6
12 17	5 37.85	+14 29.0	2.160	3.136	2.8	19.4
12 27	5 28.94	+15 10.8	2.166	3.125	4.7	19.6
1 6	5 20.84	+15 57.5	2.201	3.115	8.0	19.7
1 16	5 14.31	+16 47.7	2.264	3.104	11.1	19.9

293058 2006 WZ_{144} 12 16.8 60°.37 2°.0/16.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.44	+17 42.1	1.879	2.655	15.9	21.3
11 17	6 2.53	+17 39.4	1.800	2.662	12.7	21.1
11 27	5 55.99	+17 40.6	1.741	2.669	8.9	20.8
12 7	5 47.45	+17 45.9	1.708	2.677	4.8	20.6
12 17	5 37.84	+17 55.1	1.703	2.684	2.0	20.4
12 27	5 28.34	+18 7.9	1.727	2.692	5.0	20.7
1 6	5 20.08	+18 24.2	1.779	2.699	9.0	20.9
1 16	5 13.95	+18 44.0	1.855	2.707	12.6	21.2

445344 2010 MQ_{23} 12 16.8 67°.32 6°.1/17.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.52	+ 4 17.7	1.906	2.650	16.7	20.6
11 17	6 3.90	+ 4 25.8	1.834	2.666	13.9	20.4
11 27	5 56.78	+ 4 49.0	1.783	2.682	10.7	20.3
12 7	5 47.79	+ 5 29.1	1.756	2.698	7.6	20.1
12 17	5 37.83	+ 6 26.0	1.757	2.714	6.1	20.1
12 27	5 28.03	+ 7 37.5	1.787	2.730	7.3	20.2
1 6	5 19.45	+ 8 59.7	1.846	2.746	10.1	20.4
1 16	5 12.91	+10 28.2	1.930	2.762	13.1	20.6

362640 2011 SQ_{183} 12 16.8 22°.74 3°.9/16.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.15	+15 12.8	1.602	2.390	17.7	20.7
11 17	6 1.92	+14 40.7	1.527	2.394	14.2	20.5
11 27	5 55.77	+14 13.6	1.471	2.399	10.3	20.3
12 7	5 47.40	+13 53.6	1.439	2.404	6.2	20.1
12 17	5 37.84	+13 42.5	1.433	2.409	3.9	20.0
12 27	5 28.43	+13 41.4	1.455	2.415	6.5	20.1
1 6	5 20.42	+13 50.6	1.503	2.421	10.6	20.4
1 16	5 14.78	+14 9.2	1.575	2.428	14.4	20.6

88336 2001 OX_{67} 12 16.8 70°.87 1°.0/16.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 13.05	+21 15.1	1.463	2.248	19.2	19.7
11 17	6 8.21	+21 10.8	1.407	2.275	15.2	19.5
11 27	6 0.05	+21 8.1	1.371	2.302	10.5	19.3
12 7	5 49.47	+21 5.8	1.358	2.329	5.3	19.0
12 17	5 37.80	+21 3.3	1.372	2.356	1.0	18.8
12 27	5 26.65	+21 0.9	1.415	2.383	5.5	19.2
1 6	5 17.40	+20 59.8	1.485	2.409	10.2	19.5
1 16	5 10.99	+21 1.4	1.578	2.435	14.2	19.8

332046 2005 QP_{121} 12 16.8 35°.32 0°.2/16.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 8.24	+24 1.9	1.221	2.030	21.0	20.9
11 17	6 5.36	+23 59.7	1.160	2.042	16.7	20.7
11 27	5 58.64	+23 56.5	1.117	2.055	11.6	20.4
12 7	5 48.97	+23 50.7	1.096	2.069	5.9	20.1
12 17	5 37.81	+23 41.1	1.099	2.083	0.2	19.8
12 27	5 27.05	+23 28.5	1.128	2.098	6.0	20.2
1 6	5 18.39	+23 15.3	1.183	2.114	11.4	20.6
1 16	5 12.93	+23 4.3	1.259	2.131	16.0	20.9

18926 2000 PO_{26} 12 16.8 100°.58 3°.1/16.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 11.37	+17 6.1	1.451	2.236	19.3	18.9
11 17	6 7.10	+16 44.2	1.381	2.248	15.5	18.7
11 27	5 59.49	+16 27.0	1.331	2.260	11.0	18.5
12 7	5 49.31	+16 15.2	1.304	2.272	6.1	18.2
12 17	5 37.81	+16 9.8	1.303	2.283	3.1	18.1
12 27	5 26.58	+16 11.4	1.331	2.294	6.4	18.3
1 6	5 17.10	+16 20.2	1.384	2.305	11.1	18.6
1 16	5 10.41	+16 36.2	1.461	2.316	15.2	18.9

84844 2003 AL_{22} 12 16.8 194°.77 0°.5/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.38	+26 13.7	2.277	3.039	13.8	20.2
11 17	6 3.73	+26 1.3	2.182	3.037	11.1	20.0
11 27	5 56.66	+25 45.4	2.110	3.036	7.7	19.8
12 7	5 47.75	+25 25.0	2.064	3.034	4.0	19.5
12 17	5 37.85	+24 59.8	2.048	3.031	0.5	19.3
12 27	5 28.04	+24 30.7	2.062	3.029	4.1	19.5
1 6	5 19.35	+23 59.9	2.105	3.026	7.9	19.8
1 16	5 12.59	+23 29.9	2.176	3.022	11.2	20.0

471045 2009 UB_{47} 12 16.8 48°.45 1°.2/16.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 11.01	+24 57.9	1.244	2.046	21.0	21.0
11 17	6 7.44	+25 15.8	1.189	2.066	16.7	20.7
11 27	5 59.99	+25 32.8	1.151	2.087	11.6	20.5
12 7	5 49.61	+25 45.8	1.136	2.108	6.0	20.3
12 17	5 37.81	+25 52.0	1.146	2.129	1.2	20.0
12 27	5 26.51	+25 51.2	1.182	2.151	6.0	20.4
1 6	5 17.39	+25 45.4	1.244	2.174	11.2	20.8
1 16	5 11.54	+25 38.1	1.328	2.196	15.6	21.1

422120 2014 QJ_{417} 12 16.8 84°.83 0°.1/16.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.43	+24 21.2	2.192	2.961	14.1	21.1
11 17	6 2.19	+24 11.7	2.108	2.967	11.2	20.9
11 27	5 55.57	+24 0.3	2.046	2.974	7.8	20.7
12 7	5 47.18	+23 46.4	2.010	2.981	3.9	20.5
12 17	5 37.87	+23 29.7	2.003	2.987	0.1	20.1
12 27	5 28.71	+23 10.9	2.027	2.994	4.1	20.5
1 6	5 20.69	+22 51.8	2.079	3.001	7.9	20.7
1 16	5 14.59	+22 34.1	2.157	3.007	11.2	21.0

474974 2005 TF_{77} 12 16.8 42°.57 0°.6/16.8 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 9.01	+21 24.6	1.248	2.053	20.8	21.4
11 17	6 5.78	+21 32.3	1.189	2.069	16.5	21.1
11 27	5 58.83	+21 42.6	1.149	2.086	11.5	20.9
12 7	5 49.04	+21 53.9	1.131	2.104	5.8	20.6
12 17	5 37.83	+22 4.6	1.138	2.122	0.6	20.3
12 27	5 27.02	+22 14.1	1.171	2.141	6.0	20.8
1 6	5 18.25	+22 23.0	1.230	2.160	11.2	21.1
1 16	5 12.59	+22 32.8	1.311	2.180	15.6	21.4

199910 2007 GM_{19} 12 16.8 146°.23 0°.6/16.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 11.58	+24 46.7	2.042	2.805	15.2	22.3
11 17	6 6.47	+24 54.3	1.959	2.814	12.1	22.1
11 27	5 58.67	+25 0.7	1.897	2.823	8.4	21.9
12 7	5 48.80	+25 4.0	1.862	2.832	4.3	21.7
12 17	5 37.85	+25 2.9	1.856	2.839	0.6	21.4
12 27	5 27.03	+24 57.3	1.880	2.847	4.5	21.7
1 6	5 17.54	+24 48.5	1.933	2.853	8.5	22.0
1 16	5 10.24	+24 38.7	2.012	2.859	12.0	22.2

452026 2014 OA_{138} 12 16.8 124°.07 1°.1/16.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.03	+20 52.2	2.093	2.863	14.7	21.9
11 17	6 2.76	+20 41.5	2.008	2.868	11.7	21.7
11 27	5 56.03	+20 31.4	1.945	2.873	8.1	21.5
12 7	5 47.45	+20 21.7	1.908	2.878	4.2	21.3
12 17	5 37.88	+20 12.6	1.900	2.883	1.1	21.1
12 27	5 28.42	+20 4.4	1.921	2.888	4.5	21.3
1 6	5 20.12	+19 58.3	1.972	2.892	8.3	21.6
1 16	5 13.79	+19 55.3	2.048	2.896	11.7	21.8

96489 1998 KN_{6} 12 16.8 175°.40 0°.7/16.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 15.54	+20 13.4	2.157	2.905	14.9	19.8
11 17	6 9.74	+21 26.2	2.060	2.908	11.9	19.6
11 27	6 1.12	+22 46.0	1.987	2.909	8.4	19.4
12 7	5 50.19	+24 8.9	1.941	2.910	4.3	19.1
12 17	5 37.82	+25 30.2	1.928	2.911	0.7	18.9
12 27	5 25.23	+26 45.4	1.946	2.911	4.6	19.2
1 6	5 13.71	+27 51.8	1.997	2.911	8.6	19.4
1 16	5 4.32	+28 49.3	2.075	2.910	12.1	19.6

144350 2004 DV_{36} 12 16.8 291°33 0°4/16.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 7.08	+24 53.9	1.875	2.653	15.8	20.3
11 17	6 3.57	+24 50.0	1.766	2.631	12.8	20.1
11 27	5 57.12	+24 43.9	1.678	2.608	9.0	19.8
12 7	5 48.24	+24 34.4	1.615	2.586	4.7	19.5
12 17	5 37.86	+24 20.3	1.580	2.564	0.4	19.1
12 27	5 27.28	+24 2.1	1.573	2.542	5.0	19.4
1 6	5 17.86	+23 41.6	1.595	2.519	9.6	19.6
1 16	5 10.72	+23 21.5	1.641	2.497	13.7	19.9

279442 2010 RR_{14} 12 16.8 122°39 5°4/16.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.48	+ 7 15.6	2.348	3.090	14.0	21.1
11 17	6 1.78	+ 6 40.5	2.273	3.105	11.5	21.0
11 27	5 55.05	+ 6 13.9	2.220	3.119	8.8	20.8
12 7	5 46.85	+ 5 58.2	2.193	3.133	6.4	20.7
12 17	5 37.91	+ 5 55.1	2.194	3.147	5.4	20.6
12 27	5 29.11	+ 6 5.2	2.225	3.160	6.6	20.7
1 6	5 21.30	+ 6 27.8	2.285	3.173	9.0	20.9
1 16	5 15.14	+ 7 0.9	2.370	3.185	11.5	21.1

45428 2000 AN_{167} 12 16.8 1°16 9°7/16.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 0.86	+ 4 41.6	1.323	2.115	20.5	18.4
11 17	5 59.05	+ 3 33.2	1.254	2.113	17.3	18.1
11 27	5 54.10	+ 2 39.6	1.203	2.111	13.9	17.9
12 7	5 46.69	+ 2 7.6	1.173	2.111	10.9	17.8
12 17	5 37.91	+ 2 2.7	1.165	2.113	9.7	17.7
12 27	5 29.22	+ 2 26.7	1.182	2.115	11.2	17.8
1 6	5 22.04	+ 3 17.0	1.220	2.119	14.2	18.0
1 16	5 17.41	+ 4 28.0	1.280	2.124	17.6	18.2

302703 2002 TH_{167} 12 16.8 62°99 0°1/16.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 10.98	+26 4.7	1.689	2.467	17.3	20.2
11 17	6 6.24	+25 26.6	1.623	2.487	13.7	20.0
11 27	5 58.52	+24 43.3	1.578	2.508	9.5	19.8
12 7	5 48.67	+23 54.9	1.557	2.528	4.8	19.6
12 17	5 37.87	+23 2.7	1.565	2.549	0.2	19.3
12 27	5 27.55	+22 9.7	1.602	2.570	4.9	19.7
1 6	5 18.92	+21 19.8	1.667	2.590	9.3	20.0
1 16	5 12.82	+20 36.3	1.757	2.611	13.1	20.3

444469 2006 JG_{4} 12 16.8 154°93 1°0/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 11.08	+25 55.2	2.487	3.237	13.1	22.7
11 17	6 5.61	+26 12.0	2.398	3.247	10.4	22.5
11 27	5 57.84	+26 27.3	2.334	3.256	7.3	22.3
12 7	5 48.32	+26 39.0	2.296	3.264	3.8	22.1
12 17	5 37.88	+26 45.7	2.289	3.272	1.0	21.9
12 27	5 27.53	+26 46.9	2.314	3.279	3.9	22.2
1 6	5 18.25	+26 43.6	2.368	3.285	7.3	22.4
1 16	5 10.81	+26 37.4	2.451	3.290	10.3	22.6

271522 2004 GD_{50} 12 16.8 35°83 7°8/17.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 12.75	+36 51.7	1.285	2.072	21.3	20.2
11 17	6 9.75	+38 7.5	1.222	2.082	17.6	19.9
11 27	6 2.24	+39 14.1	1.177	2.092	13.5	19.7
12 7	5 51.04	+40 2.1	1.153	2.103	9.7	19.6
12 17	5 37.81	+40 23.2	1.154	2.114	7.8	19.5
12 27	5 24.87	+40 14.9	1.179	2.126	9.5	19.6
1 6	5 14.40	+39 41.9	1.228	2.139	13.1	19.9
1 16	5 7.79	+38 53.2	1.298	2.152	16.8	20.1

464343 2016 AG_{118} 12 16.8 213°30 15°8/18.9 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 13.24	−10 43.3	1.355	2.067	23.8	22.1
11 17	6 9.01	−11 44.6	1.282	2.063	21.5	21.9
11 27	6 1.17	−12 16.6	1.223	2.059	19.0	21.7
12 7	5 50.38	−12 8.7	1.182	2.055	16.9	21.5
12 17	5 37.84	−11 13.4	1.162	2.050	15.8	21.4
12 27	5 25.25	− 9 29.7	1.164	2.044	16.3	21.5
1 6	5 14.31	− 7 4.7	1.188	2.038	18.3	21.6
1 16	5 6.30	− 4 11.0	1.234	2.032	20.9	21.7

400415 2008 CM_{61} 12 16.8 144°70 4°4/16.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.92	+ 9 35.4	2.426	3.173	13.5	21.6
11 17	6 1.37	+ 9 11.5	2.343	3.181	11.0	21.4
11 27	5 54.81	+ 8 54.7	2.282	3.189	8.2	21.3
12 7	5 46.76	+ 8 46.8	2.248	3.197	5.6	21.1
12 17	5 37.93	+ 8 49.0	2.242	3.204	4.4	21.1
12 27	5 29.19	+ 9 1.7	2.266	3.211	5.8	21.2
1 6	5 21.37	+ 9 24.3	2.319	3.217	8.4	21.3
1 16	5 15.14	+ 9 55.4	2.399	3.223	11.1	21.5

16414 Le Procope 12 16.8 33°29 3°7/17.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 10.30	+30 17.7	1.112	1.923	22.5	17.5
11 17	6 7.75	+30 40.1	1.051	1.932	18.1	17.3
11 27	6 0.75	+30 55.7	1.008	1.942	13.0	17.0
12 7	5 50.21	+30 59.2	0.984	1.953	7.4	16.8
12 17	5 37.84	+30 46.7	0.985	1.965	3.7	16.6
12 27	5 25.92	+30 18.6	1.010	1.977	7.2	16.8
1 6	5 16.49	+29 40.0	1.058	1.990	12.5	17.2
1 16	5 10.82	+28 58.0	1.129	2.004	17.2	17.5

143050 2002 VM_{135} 12 16.8 142°84 2°6/16.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 11.93	+28 34.4	2.306	3.058	14.0	20.3
11 17	6 6.66	+29 22.7	2.221	3.068	11.2	20.2
11 27	5 58.80	+30 9.5	2.158	3.077	8.0	20.0
12 7	5 48.91	+30 51.0	2.122	3.086	4.6	19.8
12 17	5 37.88	+31 24.0	2.117	3.094	2.6	19.7
12 27	5 26.87	+31 46.5	2.142	3.102	4.7	19.8
1 6	5 17.02	+31 58.9	2.197	3.109	8.0	20.0
1 16	5 9.22	+32 3.5	2.278	3.116	11.1	20.2

150865 2001 SZ_{149} 12 16.8 139°99 1°4/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 13.09	+27 31.3	1.928	2.691	16.0	20.7
11 17	6 7.87	+27 36.6	1.847	2.702	12.8	20.5
11 27	5 59.73	+27 38.3	1.787	2.712	9.0	20.3
12 7	5 49.38	+27 34.0	1.754	2.722	4.8	20.1
12 17	5 37.87	+27 22.0	1.749	2.731	1.4	19.9
12 27	5 26.58	+27 2.8	1.773	2.740	4.8	20.1
1 6	5 16.77	+26 38.7	1.827	2.747	8.9	20.4
1 16	5 9.38	+26 13.0	1.907	2.755	12.5	20.6

511498 2014 OB_{98} 12 16.8 105°65 18°2/19.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 11.90	−15 6.1	1.306	2.005	25.1	21.4
11 17	6 7.73	−16 39.3	1.256	2.015	23.0	21.3
11 27	6 0.04	−17 39.2	1.219	2.025	20.9	21.2
12 7	5 49.65	−17 54.7	1.197	2.035	19.2	21.1
12 17	5 37.87	−17 18.5	1.194	2.044	18.3	21.1
12 27	5 26.39	−15 49.9	1.211	2.053	18.5	21.1
1 6	5 16.76	−13 36.6	1.247	2.062	19.8	21.2
1 16	5 10.07	−10 51.2	1.303	2.070	21.6	21.4

302692 2002 TS_{81} 12 16.8 66°02 3°7/16.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.99	+13 23.6	1.727	2.500	17.1	20.2
11 17	6 3.78	+13 13.3	1.661	2.519	13.8	20.0
11 27	5 56.84	+13 10.8	1.615	2.538	9.9	19.8
12 7	5 47.88	+13 17.0	1.594	2.557	6.0	19.6
12 17	5 37.93	+13 32.2	1.601	2.576	3.7	19.5
12 27	5 28.23	+13 56.0	1.636	2.595	6.0	19.7
1 6	5 19.93	+14 27.1	1.698	2.614	9.7	20.0
1 16	5 13.89	+15 4.0	1.785	2.633	13.2	20.2

1073 Gellivara 12 16.8 93°75 0°5/16.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.55	+24 44.9	2.520	3.280	12.7	17.0
11 17	6 1.91	+24 51.0	2.443	3.297	10.1	16.9
11 27	5 55.18	+24 55.9	2.388	3.314	7.0	16.7
12 7	5 46.95	+24 58.4	2.361	3.331	3.6	16.5
12 17	5 37.96	+24 57.6	2.364	3.348	0.5	16.3
12 27	5 29.13	+24 53.7	2.397	3.364	3.6	16.6
1 6	5 21.32	+24 47.6	2.460	3.380	6.9	16.8
1 16	5 15.21	+24 40.7	2.551	3.396	9.8	17.0

440159 2003 WW_{32} 12 16.8 16°89 4°6/17.0 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.39	+30 34.8	1.190	2.003	21.2	20.4
11 17	6 3.65	+31 22.9	1.130	2.011	17.1	20.2
11 27	5 57.82	+32 5.9	1.087	2.021	12.4	19.9
12 7	5 48.74	+32 37.8	1.066	2.032	7.5	19.7
12 17	5 37.91	+32 53.3	1.068	2.045	4.6	19.6
12 27	5 27.39	+32 51.0	1.095	2.059	7.4	19.8
1 6	5 19.07	+32 34.0	1.146	2.075	12.0	20.1
1 16	5 14.18	+32 8.2	1.218	2.092	16.3	20.4

214754 2006 TC_{77} 12 16.8 70°80 7°6/16.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.84	+ 4 40.4	1.863	2.617	16.8	20.5
11 17	6 1.80	+ 3 43.9	1.798	2.632	14.0	20.4
11 27	5 55.33	+ 2 59.2	1.753	2.648	11.1	20.2
12 7	5 47.08	+ 2 30.6	1.732	2.663	8.6	20.1
12 17	5 37.96	+ 2 21.2	1.737	2.679	7.6	20.1
12 27	5 29.06	+ 2 32.1	1.769	2.694	8.7	20.2
1 6	5 21.39	+ 3 1.5	1.828	2.710	11.2	20.4
1 16	5 15.70	+ 3 46.5	1.910	2.726	13.8	20.6

493042 2014 SA_{257} 12 16.8 88°80 5°0/17.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 10.62	+36 44.3	2.343	3.087	14.0	21.5
11 17	6 5.82	+37 38.8	2.264	3.098	11.5	21.3
11 27	5 58.31	+38 26.7	2.208	3.110	8.8	21.2
12 7	5 48.69	+39 3.1	2.177	3.121	6.2	21.0
12 17	5 37.92	+39 24.2	2.175	3.132	5.0	21.0
12 27	5 27.23	+39 28.7	2.202	3.144	6.2	21.1
1 6	5 17.82	+39 18.0	2.257	3.155	8.6	21.3
1 16	5 10.60	+38 56.1	2.338	3.166	11.2	21.4

326539 2002 PF_{4} 12 16.8 134°17 3°3/16.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 4.16	+13 26.6	2.583	3.338	12.6	21.2
11 17	5 59.89	+12 56.7	2.498	3.345	10.1	21.1
11 27	5 53.75	+12 30.8	2.436	3.352	7.4	20.9
12 7	5 46.24	+12 10.3	2.400	3.358	4.6	20.7
12 17	5 38.00	+11 56.5	2.394	3.365	3.3	20.7
12 27	5 29.86	+11 50.3	2.419	3.371	4.9	20.8
1 6	5 22.58	+11 52.0	2.472	3.377	7.6	21.0
1 16	5 16.78	+12 1.2	2.552	3.382	10.3	21.1

454187 2013 GW_{81} 12 16.8 226.°72 3.°8/16.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 11.74	+32 24.4	2.492	3.236	13.2	21.9
11 17	6 6.70	+33 23.8	2.387	3.226	10.8	21.7
11 27	5 59.01	+34 20.9	2.305	3.216	8.0	21.5
12 7	5 49.16	+35 11.3	2.251	3.205	5.2	21.3
12 17	5 37.93	+35 50.7	2.226	3.193	3.8	21.2
12 27	5 26.48	+36 16.5	2.231	3.182	5.4	21.3
1 6	5 15.99	+36 28.9	2.267	3.169	8.3	21.5
1 16	5 7.47	+36 30.2	2.329	3.157	11.2	21.6

517943 2015 TT_{295} 12 16.8 94.°44 0.°5/16.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.58	+22 2.8	1.936	2.708	15.6	22.1
11 17	6 4.16	+21 59.9	1.858	2.720	12.4	21.9
11 27	5 57.10	+21 57.3	1.803	2.731	8.6	21.7
12 7	5 48.04	+21 54.4	1.772	2.743	4.4	21.4
12 17	5 37.97	+21 50.4	1.771	2.755	0.5	21.1
12 27	5 28.07	+21 45.8	1.799	2.766	4.6	21.5
1 6	5 19.49	+21 41.4	1.855	2.777	8.6	21.7
1 16	5 13.07	+21 38.9	1.937	2.788	12.2	22.0

519741 2013 CM_{226} 12 16.8 242.°06 0.°5/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.54	+25 10.4	2.108	2.875	14.7	22.0
11 17	6 4.24	+25 9.9	2.006	2.865	11.8	21.8
11 27	5 57.29	+25 7.6	1.927	2.854	8.3	21.6
12 7	5 48.23	+25 1.8	1.873	2.843	4.3	21.3
12 17	5 37.96	+24 51.6	1.848	2.832	0.5	21.0
12 27	5 27.63	+24 37.3	1.853	2.821	4.4	21.3
1 6	5 18.43	+24 20.3	1.887	2.809	8.5	21.5
1 16	5 11.30	+24 3.1	1.947	2.797	12.2	21.7

25789 2000 CK_{53} 12 16.8 107.°96 5.°1/16.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 3.83	+ 6 23.3	2.679	3.416	12.6	18.6
11 17	5 59.46	+ 5 48.2	2.605	3.432	10.4	18.4
11 27	5 53.35	+ 5 20.9	2.553	3.448	8.0	18.3
12 7	5 45.99	+ 5 3.8	2.527	3.463	6.0	18.2
12 17	5 38.02	+ 4 58.4	2.531	3.478	5.1	18.1
12 27	5 30.17	+ 5 5.4	2.563	3.493	6.1	18.2
1 6	5 23.16	+ 5 24.1	2.625	3.508	8.2	18.4
1 16	5 17.54	+ 5 53.0	2.712	3.522	10.4	18.6

129239 2005 QD_{4} 12 16.8 123.°55 3.°3/16.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.82	+14 30.3	2.085	2.852	14.8	20.3
11 17	6 1.76	+14 7.8	2.000	2.855	11.9	20.1
11 27	5 55.34	+13 50.0	1.937	2.859	8.6	19.9
12 7	5 47.15	+13 38.3	1.900	2.862	5.2	19.7
12 17	5 37.99	+13 33.6	1.891	2.865	3.3	19.6
12 27	5 28.91	+13 36.7	1.911	2.869	5.5	19.7
1 6	5 20.91	+13 47.6	1.959	2.872	8.9	20.0
1 16	5 14.78	+14 5.7	2.033	2.875	12.1	20.2

258775 2002 JG_{64} 12 16.8 227.°08 3.°8/16.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 11.07	+16 47.8	1.800	2.568	16.7	20.9
11 17	6 6.52	+15 57.3	1.701	2.558	13.6	20.7
11 27	5 59.02	+15 7.3	1.624	2.547	9.8	20.4
12 7	5 49.17	+14 20.0	1.571	2.535	5.9	20.2
12 17	5 37.95	+13 38.1	1.547	2.523	3.8	20.0
12 27	5 26.68	+13 4.6	1.553	2.510	6.6	20.2
1 6	5 16.68	+12 41.7	1.585	2.496	10.7	20.4
1 16	5 9.01	+12 30.6	1.643	2.481	14.6	20.6

35121 1992 EP_{8} 12 16.8 238.°77 0.°5/16.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 11.68	+23 19.2	1.601	2.381	18.0	19.2
11 17	6 7.70	+23 36.8	1.506	2.372	14.5	19.0
11 27	6 0.27	+23 56.0	1.432	2.363	10.2	18.7
12 7	5 49.98	+24 14.4	1.382	2.353	5.3	18.4
12 17	5 37.93	+24 29.4	1.359	2.343	0.5	18.0
12 27	5 25.72	+24 39.5	1.365	2.333	5.6	18.4
1 6	5 14.99	+24 45.3	1.397	2.322	10.6	18.6
1 16	5 7.02	+24 49.0	1.454	2.311	15.1	18.9

222023 1998 SV_{63} 12 16.8 81.°02 3.°7/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 14.60	+29 38.4	1.521	2.299	18.9	20.2
11 17	6 9.99	+30 28.1	1.456	2.317	15.2	20.0
11 27	6 1.70	+31 14.4	1.410	2.335	10.9	19.8
12 7	5 50.56	+31 51.7	1.388	2.353	6.4	19.6
12 17	5 37.93	+32 15.0	1.394	2.371	3.7	19.4
12 27	5 25.60	+32 22.6	1.427	2.388	6.4	19.7
1 6	5 15.24	+32 16.8	1.486	2.406	10.6	19.9
1 16	5 7.97	+32 2.4	1.570	2.423	14.4	20.2

42704 1998 MB_{32} 12 16.8 261.°60 1.°9/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 9.15	+15 39.2	1.834	2.604	16.4	17.7
11 17	6 5.02	+16 9.7	1.741	2.599	13.2	17.4
11 27	5 58.03	+16 48.9	1.669	2.594	9.4	17.2
12 7	5 48.70	+17 36.0	1.622	2.590	5.1	16.9
12 17	5 37.97	+18 29.0	1.603	2.585	1.9	16.7
12 27	5 27.09	+19 25.1	1.614	2.580	5.2	16.9
1 6	5 17.39	+20 21.9	1.654	2.576	9.5	17.2
1 16	5 9.92	+21 18.0	1.719	2.571	13.5	17.4

40726 1999 SG_{11} 12 16.8 53.°95 1.°9/16.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 7.77	+26 24.7	2.087	2.856	14.7	18.7
11 17	6 3.63	+27 4.0	2.003	2.861	11.8	18.5
11 27	5 56.85	+27 43.0	1.940	2.866	8.3	18.3
12 7	5 48.00	+28 18.6	1.903	2.871	4.5	18.1
12 17	5 37.99	+28 47.9	1.895	2.877	1.9	17.9
12 27	5 27.99	+29 9.3	1.917	2.882	4.6	18.1
1 6	5 19.17	+29 23.0	1.967	2.887	8.4	18.4
1 16	5 12.45	+29 30.7	2.044	2.893	11.7	18.6

372197 2008 TN_{130} 12 16.8 334.°72 4.°0/17.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.72	+33 1.3	2.006	2.776	15.2	20.8
11 17	6 2.45	+33 35.9	1.911	2.766	12.4	20.6
11 27	5 56.30	+34 5.4	1.837	2.756	9.2	20.3
12 7	5 47.83	+34 25.7	1.788	2.747	5.9	20.1
12 17	5 37.99	+34 33.4	1.766	2.738	4.0	20.0
12 27	5 28.09	+34 27.2	1.773	2.730	5.8	20.1
1 6	5 19.44	+34 8.7	1.806	2.723	9.2	20.3
1 16	5 13.09	+33 41.7	1.865	2.716	12.6	20.5

228538 2001 VO_{95} 12 16.8 317.°27 8.°4/16.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 3.29	+ 7 23.4	1.410	2.198	19.6	19.4
11 17	6 1.13	+ 6 24.7	1.320	2.180	16.5	19.2
11 27	5 55.75	+ 5 36.5	1.248	2.161	13.0	18.9
12 7	5 47.71	+ 5 4.7	1.197	2.144	9.8	18.7
12 17	5 37.99	+ 4 54.8	1.170	2.127	8.4	18.6
12 27	5 28.07	+ 5 9.7	1.168	2.111	10.3	18.6
1 6	5 19.47	+ 5 48.7	1.190	2.095	14.0	18.8
1 16	5 13.43	+ 6 48.0	1.233	2.080	17.9	19.0

36692 2000 RH_{10} 12 16.8 76.°90 3.°0/16.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 9.92	+16 46.2	1.657	2.435	17.6	18.6
11 17	6 5.40	+16 22.4	1.593	2.455	14.1	18.4
11 27	5 58.01	+16 2.8	1.550	2.476	9.9	18.2
12 7	5 48.50	+15 48.5	1.531	2.497	5.6	18.0
12 17	5 37.99	+15 40.3	1.539	2.518	3.0	17.8
12 27	5 27.82	+15 38.9	1.576	2.538	5.8	18.1
1 6	5 19.20	+15 44.7	1.641	2.559	9.9	18.4
1 16	5 13.00	+15 57.3	1.729	2.579	13.5	18.6

269660 1995 GU_{5} 12 16.8 172.°03 3.°4/16.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 3.72	+12 25.1	2.692	3.443	12.2	21.8
11 17	5 59.53	+12 0.2	2.601	3.445	9.9	21.6
11 27	5 53.51	+11 40.0	2.533	3.447	7.2	21.4
12 7	5 46.14	+11 25.7	2.492	3.448	4.7	21.3
12 17	5 38.04	+11 18.5	2.480	3.449	3.4	21.2
12 27	5 29.99	+11 19.1	2.499	3.450	4.9	21.3
1 6	5 22.73	+11 27.4	2.547	3.450	7.5	21.5
1 16	5 16.88	+11 43.1	2.622	3.450	10.1	21.6

295281 2008 GL_{93} 12 16.8 211.°41 1.°1/16.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.41	+24 51.0	2.293	3.054	13.8	20.8
11 17	6 3.93	+25 20.6	2.196	3.051	11.0	20.6
11 27	5 56.97	+25 50.6	2.122	3.047	7.7	20.4
12 7	5 48.07	+26 18.8	2.074	3.043	4.1	20.2
12 17	5 38.02	+26 42.8	2.055	3.038	1.1	19.9
12 27	5 27.90	+27 1.4	2.067	3.033	4.2	20.2
1 6	5 18.80	+27 14.6	2.109	3.028	7.9	20.4
1 16	5 11.59	+27 23.7	2.177	3.023	11.2	20.6

169054 2001 FF_{98} 12 16.8 146.°91 2.°7/16.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.01	+16 3.3	2.100	2.863	14.8	20.9
11 17	6 3.47	+15 45.6	2.016	2.870	11.9	20.7
11 27	5 56.52	+15 31.7	1.953	2.876	8.5	20.5
12 7	5 47.76	+15 22.4	1.917	2.882	4.9	20.3
12 17	5 38.03	+15 18.4	1.910	2.887	2.7	20.2
12 27	5 28.40	+15 20.2	1.932	2.893	5.1	20.4
1 6	5 19.90	+15 27.9	1.983	2.897	8.7	20.6
1 16	5 13.31	+15 41.6	2.060	2.902	12.0	20.8

210121 2006 RV_{39} 12 16.8 142.°75 5.°9/16.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.83	+ 5 49.6	2.410	3.146	13.9	21.3
11 17	6 2.06	+ 5 7.4	2.332	3.157	11.5	21.1
11 27	5 55.29	+ 4 33.8	2.275	3.168	9.0	21.0
12 7	5 47.05	+ 4 11.8	2.244	3.178	6.8	20.9
12 17	5 38.05	+ 4 3.5	2.242	3.188	5.9	20.8
12 27	5 29.18	+ 4 9.7	2.269	3.197	7.0	20.9
1 6	5 21.25	+ 4 29.8	2.325	3.205	9.2	21.1
1 16	5 14.92	+ 5 2.0	2.406	3.213	11.6	21.3

419376 2009 XJ_{21} 12 16.8 272.°99 1.°4/16.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 4.64	+17 57.5	2.418	3.182	13.1	20.9
11 17	6 0.65	+18 7.6	2.322	3.178	10.5	20.7
11 27	5 54.53	+18 21.4	2.249	3.174	7.3	20.5
12 7	5 46.77	+18 38.6	2.202	3.170	3.9	20.3
12 17	5 38.06	+18 58.4	2.184	3.166	1.4	20.1
12 27	5 29.31	+19 20.3	2.197	3.163	4.1	20.3
1 6	5 21.44	+19 43.7	2.240	3.159	7.5	20.5
1 16	5 15.19	+20 8.6	2.309	3.155	10.7	20.7

193316 2000 SW_{317} 12 16.8 78°.29 1°.0/16.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 12.60	+24 38.1	1.626	2.403	17.9	20.0
11 17	6 7.65	+23 46.3	1.557	2.421	14.2	19.8
11 27	5 59.60	+22 49.5	1.509	2.439	9.8	19.6
12 7	5 49.31	+21 48.7	1.486	2.457	5.0	19.3
12 17	5 38.01	+20 45.9	1.491	2.474	1.0	19.1
12 27	5 27.19	+19 45.1	1.525	2.492	5.3	19.4
1 6	5 18.13	+18 50.4	1.587	2.509	9.8	19.7
1 16	5 11.70	+18 5.2	1.674	2.526	13.7	20.0

198745 2005 EC_{48} 12 16.8 315°.10 4°.4/16.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 2.92	+10 40.6	2.306	3.066	13.8	20.1
11 17	5 59.29	+10 12.7	2.215	3.062	11.2	20.0
11 27	5 53.57	+ 9 51.2	2.145	3.058	8.4	19.8
12 7	5 46.26	+ 9 38.2	2.101	3.054	5.7	19.6
12 17	5 38.07	+ 9 35.2	2.086	3.050	4.4	19.5
12 27	5 29.89	+ 9 42.9	2.099	3.047	5.9	19.6
1 6	5 22.60	+10 1.1	2.140	3.043	8.7	19.8
1 16	5 16.91	+10 28.7	2.207	3.040	11.6	19.9

421018 2013 PM_{59} 12 16.8 77°.01 2°.3/17.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.00	+31 45.3	2.332	3.089	13.7	21.1
11 17	6 3.44	+31 39.2	2.246	3.095	11.0	20.9
11 27	5 56.46	+31 26.4	2.182	3.101	7.9	20.7
12 7	5 47.70	+31 5.1	2.144	3.108	4.5	20.5
12 17	5 38.05	+30 34.4	2.135	3.114	2.3	20.4
12 27	5 28.59	+29 55.4	2.157	3.120	4.3	20.5
1 6	5 20.34	+29 10.8	2.208	3.127	7.6	20.7
1 16	5 14.06	+28 24.3	2.285	3.133	10.7	20.9

440360 2004 XC_{18} 12 16.8 14°.73 10°.6/16.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 3.69	+ 2 25.6	1.430	2.204	20.1	19.9
11 17	6 1.00	+ 1 3.3	1.364	2.206	17.1	19.7
11 27	5 55.31	− 0 3.7	1.316	2.210	14.1	19.5
12 7	5 47.30	− 0 48.1	1.289	2.214	11.5	19.4
12 17	5 38.05	− 1 4.1	1.285	2.219	10.6	19.3
12 27	5 28.95	− 0 49.4	1.305	2.224	11.8	19.4
1 6	5 21.32	− 0 6.4	1.349	2.230	14.4	19.6
1 16	5 16.12	+ 0 59.5	1.413	2.237	17.4	19.8

15402 Suzaku 12 16.8 121°.11 0°.2/16.8 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 12.19	+22 27.1	1.901	2.667	16.1	19.3
11 17	6 7.07	+22 32.6	1.825	2.682	12.8	19.1
11 27	5 59.15	+22 38.5	1.771	2.698	8.9	18.9
12 7	5 49.13	+22 43.5	1.742	2.712	4.5	18.7
12 17	5 38.03	+22 46.4	1.743	2.727	0.2	18.3
12 27	5 27.14	+22 47.0	1.773	2.740	4.6	18.7
1 6	5 17.68	+22 46.3	1.832	2.753	8.8	19.0
1 16	5 10.53	+22 45.9	1.917	2.766	12.4	19.3

457982 2009 VY_{113} 12 16.8 66°.60 0°.2/16.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.56	+22 15.2	2.141	2.909	14.4	20.9
11 17	6 3.11	+22 39.3	2.069	2.928	11.4	20.7
11 27	5 56.25	+23 4.8	2.019	2.947	7.9	20.5
12 7	5 47.61	+23 30.0	1.996	2.966	4.0	20.3
12 17	5 38.06	+23 53.0	2.002	2.986	0.2	20.0
12 27	5 28.67	+24 13.0	2.037	3.005	4.1	20.4
1 6	5 20.46	+24 30.0	2.102	3.024	7.8	20.7
1 16	5 14.21	+24 44.7	2.194	3.043	11.0	20.9

450706 2006 WG_{199} 12 16.8 319°.53 0°.3/16.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.33	+24 28.8	1.725	2.512	16.6	20.8
11 17	6 2.32	+24 5.9	1.626	2.497	13.4	20.5
11 27	5 56.31	+23 39.5	1.549	2.482	9.4	20.2
12 7	5 47.89	+23 9.0	1.496	2.468	4.8	19.9
12 17	5 38.06	+22 34.8	1.470	2.454	0.3	19.6
12 27	5 28.18	+21 58.7	1.472	2.440	5.1	19.9
1 6	5 19.62	+21 23.7	1.500	2.427	9.9	20.1
1 16	5 13.45	+20 52.8	1.554	2.415	14.1	20.4

146555 2001 SL_{317} 12 16.8 359°.79 1°.8/16.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.59	+18 51.1	1.782	2.565	16.3	20.4
11 17	6 2.17	+18 43.6	1.697	2.564	13.1	20.2
11 27	5 55.98	+18 39.1	1.633	2.564	9.2	19.9
12 7	5 47.64	+18 37.7	1.594	2.564	4.9	19.7
12 17	5 38.08	+18 39.4	1.582	2.564	1.8	19.5
12 27	5 28.56	+18 44.4	1.598	2.564	5.2	19.7
1 6	5 20.32	+18 52.9	1.641	2.565	9.4	19.9
1 16	5 14.28	+19 5.5	1.710	2.566	13.3	20.2

378560 2008 CH_{172} 12 16.8 252°.49 4°.9/17.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 13.33	+33 19.5	1.490	2.268	19.2	20.9
11 17	6 9.59	+33 54.1	1.405	2.264	15.8	20.7
11 27	6 1.88	+34 21.8	1.339	2.261	11.7	20.4
12 7	5 50.90	+34 36.5	1.296	2.257	7.4	20.2
12 17	5 38.01	+34 33.0	1.279	2.253	4.9	20.0
12 27	5 25.15	+34 9.9	1.289	2.249	7.2	20.1
1 6	5 14.24	+33 31.0	1.325	2.244	11.6	20.4
1 16	5 6.63	+32 43.1	1.383	2.240	15.8	20.6

174394 2002 VU_{33} 12 16.8 36°.55 2°.5/16.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 10.32	+25 5.9	1.699	2.478	17.2	19.5
11 17	6 6.36	+26 15.6	1.621	2.485	13.8	19.3
11 27	5 59.18	+27 28.5	1.563	2.492	9.7	19.1
12 7	5 49.38	+28 39.5	1.531	2.499	5.3	18.9
12 17	5 38.05	+29 43.2	1.527	2.507	2.5	18.7
12 27	5 26.67	+30 35.3	1.551	2.515	5.6	18.9
1 6	5 16.76	+31 14.9	1.604	2.524	9.9	19.2
1 16	5 9.46	+31 43.6	1.680	2.533	13.7	19.4

224692 2006 BK_{22} 12 16.8 223°.12 0°.7/16.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.55	+21 15.2	2.296	3.063	13.6	21.2
11 17	6 1.50	+21 14.1	2.203	3.062	10.8	21.0
11 27	5 55.19	+21 13.9	2.132	3.060	7.6	20.8
12 7	5 47.13	+21 14.1	2.088	3.058	3.9	20.6
12 17	5 38.11	+21 14.1	2.073	3.057	0.7	20.3
12 27	5 29.10	+21 14.2	2.088	3.055	4.1	20.6
1 6	5 21.08	+21 14.9	2.132	3.053	7.7	20.8
1 16	5 14.84	+21 17.0	2.203	3.051	11.0	21.0

372746 2010 AJ_{67} 12 16.8 327°.91 1°.3/16.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 4.25	+20 52.7	2.176	2.949	14.1	20.7
11 17	6 0.59	+20 32.2	2.082	2.944	11.2	20.5
11 27	5 54.61	+20 11.6	2.011	2.939	7.9	20.3
12 7	5 46.85	+19 51.2	1.965	2.935	4.1	20.1
12 17	5 38.11	+19 31.5	1.948	2.931	1.3	19.9
12 27	5 29.40	+19 13.7	1.961	2.927	4.4	20.1
1 6	5 21.73	+18 59.0	2.002	2.923	8.2	20.3
1 16	5 15.88	+18 48.7	2.069	2.919	11.5	20.5

30161 Chrepta 12 16.8 264°.90 1°.1/16.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 9.22	+21 30.3	1.703	2.483	17.1	19.9
11 17	6 5.48	+21 18.6	1.602	2.468	13.8	19.7
11 27	5 58.60	+21 7.1	1.522	2.453	9.7	19.4
12 7	5 49.12	+20 55.3	1.467	2.437	5.1	19.1
12 17	5 38.06	+20 43.0	1.438	2.422	1.1	18.8
12 27	5 26.85	+20 31.0	1.438	2.406	5.5	19.0
1 6	5 16.94	+20 20.7	1.466	2.389	10.3	19.3
1 16	5 9.51	+20 14.1	1.517	2.373	14.7	19.5

107406 2001 DG_{6} 12 16.8 357°.52 1°.2/16.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.65	+19 12.0	1.353	2.151	19.8	19.4
11 17	6 5.62	+19 26.6	1.275	2.150	16.0	19.2
11 27	5 58.98	+19 47.1	1.215	2.149	11.2	18.9
12 7	5 49.39	+20 12.4	1.177	2.149	5.9	18.6
12 17	5 38.06	+20 40.5	1.165	2.149	1.2	18.3
12 27	5 26.72	+21 9.4	1.180	2.149	6.1	18.6
1 6	5 17.08	+21 38.5	1.220	2.149	11.4	18.9
1 16	5 10.43	+22 7.7	1.283	2.150	16.1	19.2

206009 2002 PT_{111} 12 16.8 160°.00 1°.6/16.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 9.19	+17 43.0	2.562	3.311	12.8	21.8
11 17	6 3.95	+17 40.7	2.472	3.319	10.2	21.6
11 27	5 56.65	+17 41.0	2.406	3.327	7.2	21.4
12 7	5 47.79	+17 43.9	2.368	3.334	3.9	21.2
12 17	5 38.10	+17 49.2	2.359	3.340	1.6	21.1
12 27	5 28.48	+17 56.8	2.383	3.346	4.1	21.3
1 6	5 19.80	+18 6.9	2.437	3.350	7.3	21.5
1 16	5 12.75	+18 19.6	2.518	3.354	10.2	21.7

134161 2005 BN_{3} 12 16.8 66°.77 0°.0/16.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.83	+23 45.1	1.696	2.478	17.1	20.2
11 17	6 4.90	+23 41.7	1.617	2.484	13.6	20.0
11 27	5 57.94	+23 37.3	1.558	2.489	9.5	19.8
12 7	5 48.64	+23 30.7	1.524	2.495	4.8	19.5
12 17	5 38.08	+23 21.1	1.517	2.501	0.1	19.1
12 27	5 27.68	+23 9.0	1.539	2.507	5.0	19.6
1 6	5 18.77	+22 56.1	1.587	2.513	9.5	19.8
1 16	5 12.35	+22 44.8	1.661	2.519	13.5	20.1

368480 2003 SD_{286} 12 16.8 181°.07 3°.0/16.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 4.40	+15 20.1	2.463	3.223	13.0	20.9
11 17	6 0.29	+14 46.1	2.371	3.223	10.4	20.7
11 27	5 54.17	+14 14.7	2.303	3.223	7.5	20.5
12 7	5 46.55	+13 47.4	2.261	3.223	4.6	20.3
12 17	5 38.13	+13 25.5	2.249	3.223	3.0	20.2
12 27	5 29.77	+13 10.5	2.267	3.223	4.9	20.3
1 6	5 22.31	+13 2.9	2.314	3.222	7.9	20.5
1 16	5 16.41	+13 3.1	2.387	3.221	10.8	20.7

103794 2000 DG_{12} 12 16.8 346°.25 4°.5/16.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 2.63	+14 44.1	1.444	2.244	18.7	19.4
11 17	6 0.47	+14 10.5	1.361	2.235	15.2	19.2
11 27	5 55.19	+13 42.5	1.297	2.228	11.1	18.9
12 7	5 47.38	+13 23.0	1.256	2.221	6.8	18.6
12 17	5 38.12	+13 14.2	1.240	2.216	4.5	18.5
12 27	5 28.84	+13 17.5	1.250	2.211	7.2	18.6
1 6	5 20.99	+13 33.1	1.285	2.207	11.6	18.9
1 16	5 15.67	+13 59.7	1.342	2.205	15.8	19.1

279457 2010 RR_{112} 12 16.8 117°.79 5°.5/15.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 6.14	+ 9 54.9	2.146	2.901	14.8	21.1
11 17	6 1.82	+ 8 54.7	2.068	2.910	12.1	20.9
11 27	5 55.29	+ 8 0.4	2.011	2.918	9.2	20.8
12 7	5 47.13	+ 7 15.3	1.981	2.927	6.5	20.6
12 17	5 38.13	+ 6 42.4	1.978	2.935	5.5	20.6
12 27	5 29.28	+ 6 23.7	2.005	2.943	7.0	20.7
1 6	5 21.49	+ 6 19.7	2.059	2.950	9.7	20.9
1 16	5 15.49	+ 6 29.3	2.138	2.957	12.4	21.0

402475 2006 BD_{240} 12 16.8 53°.71 4°.3/17.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 9.45	+35 17.8	2.057	2.815	15.3	21.0
11 17	6 5.15	+35 44.1	1.979	2.824	12.5	20.8
11 27	5 57.96	+36 2.5	1.922	2.834	9.3	20.6
12 7	5 48.60	+36 9.1	1.889	2.843	6.1	20.4
12 17	5 38.10	+36 0.9	1.885	2.853	4.3	20.3
12 27	5 27.80	+35 38.0	1.909	2.863	5.8	20.5
1 6	5 18.95	+35 3.0	1.961	2.873	8.9	20.7
1 16	5 12.46	+34 20.6	2.038	2.883	11.9	20.9

267289 2001 SN_{99} 12 16.8 158°.47 3°.5/16.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 9.82	+15 24.1	1.859	2.626	16.3	20.9
11 17	6 5.24	+14 53.3	1.776	2.631	13.2	20.7
11 27	5 57.95	+14 26.5	1.714	2.636	9.5	20.5
12 7	5 48.58	+14 5.3	1.677	2.640	5.6	20.3
12 17	5 38.10	+13 51.0	1.668	2.644	3.5	20.2
12 27	5 27.73	+13 45.0	1.689	2.647	6.0	20.3
1 6	5 18.65	+13 47.6	1.737	2.650	9.8	20.6
1 16	5 11.76	+13 58.8	1.811	2.652	13.4	20.8

232969 2005 EX_{83} 12 16.8 351°.06 8°.7/18.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 9.59	+45 20.3	1.767	2.513	17.8	19.6
11 17	6 6.54	+46 0.3	1.683	2.506	15.3	19.4
11 27	5 59.65	+46 24.8	1.617	2.500	12.6	19.2
12 7	5 49.70	+46 26.6	1.573	2.494	10.1	19.0
12 17	5 38.07	+46 0.2	1.553	2.490	8.8	18.9
12 27	5 26.66	+45 4.8	1.559	2.486	9.5	19.0
1 6	5 17.23	+43 45.6	1.590	2.484	11.8	19.1
1 16	5 11.00	+42 11.1	1.644	2.482	14.6	19.3

274378 2008 RH_{95} 12 16.8 149°.26 3°.4/16.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 9.67	+15 44.7	1.857	2.625	16.3	21.3
11 17	6 5.11	+15 13.7	1.776	2.632	13.1	21.1
11 27	5 57.84	+14 46.4	1.715	2.638	9.4	20.9
12 7	5 48.52	+14 24.3	1.680	2.643	5.6	20.7
12 17	5 38.10	+14 8.9	1.672	2.649	3.4	20.6
12 27	5 27.82	+14 1.4	1.694	2.653	5.9	20.7
1 6	5 18.84	+14 2.4	1.744	2.657	9.7	21.0
1 16	5 12.04	+14 11.8	1.819	2.661	13.3	21.2

73407 2002 LV_{25} 12 16.8 144°.88 3°.9/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.27	+ 8 34.1	2.812	3.548	12.1	19.9
11 17	6 0.63	+ 8 31.2	2.725	3.557	9.9	19.8
11 27	5 54.23	+ 8 36.0	2.661	3.565	7.4	19.6
12 7	5 46.54	+ 8 49.3	2.625	3.573	5.0	19.5
12 17	5 38.15	+ 9 11.7	2.618	3.580	3.9	19.4
12 27	5 29.81	+ 9 42.8	2.642	3.587	5.0	19.5
1 6	5 22.24	+10 21.3	2.696	3.594	7.4	19.7
1 16	5 16.03	+11 5.9	2.777	3.600	9.8	19.8

93115 2000 SJ_{58} 12 16.8 345°.45 1°.6/16.7 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.10	+20 22.4	1.541	2.333	18.1	19.6
11 17	6 3.88	+20 8.4	1.458	2.330	14.5	19.4
11 27	5 57.47	+19 55.9	1.395	2.328	10.2	19.1
12 7	5 48.51	+19 44.9	1.355	2.326	5.4	18.8
12 17	5 38.11	+19 35.7	1.341	2.324	1.6	18.6
12 27	5 27.75	+19 29.0	1.355	2.323	5.7	18.8
1 6	5 18.91	+19 25.9	1.395	2.322	10.5	19.1
1 16	5 12.66	+19 27.7	1.459	2.321	14.8	19.4

331031 2009 VN_{37} 12 16.8 243°.40 0°.9/16.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.50	+21 55.4	2.442	3.205	13.0	20.5
11 17	6 1.32	+21 33.3	2.342	3.199	10.4	20.3
11 27	5 54.99	+21 10.2	2.265	3.192	7.2	20.1
12 7	5 47.02	+20 46.1	2.215	3.185	3.7	19.9
12 17	5 38.15	+20 21.4	2.194	3.178	0.9	19.7
12 27	5 29.30	+19 57.4	2.205	3.170	4.0	19.9
1 6	5 21.38	+19 35.5	2.244	3.163	7.5	20.1
1 16	5 15.13	+19 17.3	2.310	3.155	10.7	20.3

314947 2006 WV_{111} 12 16.8 357°.97 9°.8/17.7 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	5 54.34	+ 4 36.4	1.058	1.880	22.6	18.9
11 17	5 54.71	+ 3 59.3	0.992	1.870	19.2	18.6
11 27	5 51.63	+ 3 43.3	0.942	1.863	15.3	18.4
12 7	5 45.72	+ 3 55.4	0.910	1.859	11.6	18.2
12 17	5 38.16	+ 4 39.6	0.899	1.858	9.8	18.1
12 27	5 30.62	+ 5 55.1	0.909	1.859	11.2	18.1
1 6	5 24.73	+ 7 35.4	0.941	1.864	14.8	18.3
1 16	5 21.70	+ 9 31.4	0.993	1.871	18.7	18.6

184617 2005 RJ_{12} 12 16.8 216°.83 1°.7/16.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 8.42	+27 55.6	2.116	2.882	14.6	21.1
11 17	6 4.16	+28 6.9	2.023	2.880	11.7	20.9
11 27	5 57.25	+28 15.1	1.952	2.877	8.3	20.7
12 7	5 48.27	+28 17.9	1.907	2.875	4.5	20.5
12 17	5 38.13	+28 13.5	1.891	2.872	1.7	20.3
12 27	5 28.02	+28 1.9	1.904	2.870	4.5	20.5
1 6	5 19.10	+27 44.6	1.945	2.867	8.4	20.7
1 16	5 12.29	+27 24.5	2.013	2.864	11.8	20.9

158500 2002 EL_{53} 12 16.8 314°.79 1°.0/16.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 4.84	+21 22.0	1.886	2.668	15.6	20.8
11 17	6 1.60	+21 11.3	1.788	2.655	12.5	20.5
11 27	5 55.65	+21 1.0	1.711	2.643	8.8	20.3
12 7	5 47.53	+20 50.8	1.660	2.631	4.6	20.0
12 17	5 38.14	+20 40.8	1.635	2.619	1.0	19.7
12 27	5 28.68	+20 31.6	1.640	2.607	4.9	20.0
1 6	5 20.36	+20 24.4	1.672	2.596	9.2	20.2
1 16	5 14.17	+20 20.5	1.729	2.586	13.1	20.4

4979 Otawara 12 16.8 161°.77 0°.2/16.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 14.04	+23 32.2	1.682	2.453	17.6	18.3
11 17	6 9.14	+23 37.5	1.598	2.459	14.1	18.1
11 27	6 0.97	+23 42.6	1.536	2.464	9.9	17.8
12 7	5 50.24	+23 45.5	1.498	2.469	5.0	17.6
12 17	5 38.09	+23 44.7	1.488	2.472	0.2	17.2
12 27	5 26.06	+23 39.9	1.508	2.475	5.2	17.6
1 6	5 15.61	+23 32.8	1.555	2.478	9.9	17.9
1 16	5 7.84	+23 25.7	1.627	2.480	14.1	18.1

371335 2006 JS_{80} 12 16.8 275°.32 4°.3/16.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 3.07	+10 55.4	2.413	3.170	13.3	21.3
11 17	5 59.33	+10 22.9	2.318	3.164	10.9	21.1
11 27	5 53.59	+ 9 55.8	2.246	3.157	8.1	20.9
12 7	5 46.31	+ 9 36.5	2.199	3.151	5.5	20.7
12 17	5 38.17	+ 9 26.5	2.180	3.145	4.3	20.7
12 27	5 30.03	+ 9 27.0	2.191	3.138	5.8	20.7
1 6	5 22.72	+ 9 37.9	2.231	3.132	8.5	20.9
1 16	5 16.95	+ 9 58.5	2.296	3.125	11.3	21.1

380083 2013 SA_{44} 12 16.8 159°.95 3°.0/17.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.67	+33 23.0	2.634	3.381	12.5	21.3
11 17	6 3.06	+33 39.6	2.542	3.383	10.1	21.1
11 27	5 56.20	+33 50.4	2.473	3.386	7.4	21.0
12 7	5 47.63	+33 52.9	2.430	3.388	4.6	20.8
12 17	5 38.15	+33 45.2	2.417	3.389	3.0	20.7
12 27	5 28.75	+33 27.2	2.434	3.391	4.5	20.8
1 6	5 20.39	+33 0.7	2.480	3.392	7.3	21.0
1 16	5 13.82	+32 28.7	2.554	3.394	10.0	21.1

208887 2002 TZ_{97} 12 16.8 231°.69 2°.2/17.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 10.83	+30 47.1	2.103	2.862	14.9	20.2
11 17	6 6.16	+30 41.6	2.003	2.854	12.1	20.0
11 27	5 58.67	+30 29.4	1.925	2.846	8.7	19.8
12 7	5 49.01	+30 8.2	1.873	2.838	4.9	19.5
12 17	5 38.13	+29 36.6	1.850	2.830	2.2	19.3
12 27	5 27.30	+28 55.6	1.856	2.821	4.8	19.5
1 6	5 17.77	+28 8.1	1.892	2.812	8.6	19.7
1 16	5 10.48	+27 18.7	1.954	2.803	12.2	19.9

274232 2008 LL_{12} 12 16.8 133°.83 1°.6/16.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 13.47	+25 37.2	1.791	2.559	16.8	21.0
11 17	6 8.56	+26 11.3	1.712	2.570	13.5	20.8
11 27	6 0.50	+26 45.4	1.653	2.579	9.4	20.6
12 7	5 49.98	+27 16.0	1.620	2.589	5.0	20.3
12 17	5 38.11	+27 39.6	1.615	2.598	1.6	20.1
12 27	5 26.33	+27 54.6	1.640	2.606	5.1	20.4
1 6	5 16.07	+28 1.9	1.693	2.614	9.4	20.7
1 16	5 8.38	+28 3.9	1.771	2.621	13.2	20.9

75526 1999 XV_{211} 12 16.8 256°.87 6°.4/17.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 13.67	+40 10.6	1.976	2.719	16.2	19.4
11 17	6 9.15	+40 46.5	1.880	2.711	13.7	19.2
11 27	6 1.19	+41 11.9	1.805	2.702	10.7	19.0
12 7	5 50.45	+41 20.7	1.754	2.692	7.9	18.8
12 17	5 38.10	+41 7.9	1.729	2.683	6.4	18.7
12 27	5 25.78	+40 32.4	1.732	2.673	7.6	18.8
1 6	5 15.09	+39 37.8	1.763	2.664	10.4	18.9
1 16	5 7.22	+38 30.6	1.818	2.654	13.6	19.1

164492 2006 FS_{49} 12 16.8 116°.60 4°.2/17.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.13	+ 6 52.3	2.701	3.433	12.6	19.9
11 17	6 1.37	+ 7 1.1	2.617	3.444	10.3	19.7
11 27	5 54.78	+ 7 19.3	2.555	3.455	7.8	19.6
12 7	5 46.84	+ 7 47.9	2.521	3.466	5.4	19.4
12 17	5 38.18	+ 8 26.8	2.516	3.476	4.2	19.4
12 27	5 29.58	+ 9 15.1	2.542	3.486	5.3	19.5
1 6	5 21.78	+10 10.9	2.599	3.496	7.6	19.6
1 16	5 15.40	+11 12.0	2.683	3.506	10.1	19.8

273910 2007 HF_{62} 12 16.8 24°.38 5°.1/16.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 9.30	+34 23.6	1.918	2.683	16.0	20.5
11 17	6 5.46	+35 23.8	1.838	2.687	13.1	20.3
11 27	5 58.50	+36 18.8	1.779	2.692	9.8	20.1
12 7	5 49.03	+37 2.9	1.744	2.696	6.7	20.0
12 17	5 38.13	+37 31.4	1.737	2.702	5.1	19.9
12 27	5 27.25	+37 42.1	1.758	2.707	6.7	20.0
1 6	5 17.81	+37 36.3	1.805	2.713	9.8	20.2
1 16	5 10.91	+37 18.4	1.878	2.719	12.9	20.4

458065 2009 YW_{11} 12 16.8 337°.99 2°.7/17.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.65	+31 57.4	2.124	2.890	14.6	21.2
11 17	6 2.82	+31 57.4	2.031	2.885	11.8	21.0
11 27	5 56.33	+31 50.7	1.959	2.880	8.5	20.7
12 7	5 47.80	+31 34.7	1.912	2.876	5.0	20.5
12 17	5 38.16	+31 8.0	1.893	2.872	2.7	20.4
12 27	5 28.61	+30 31.5	1.904	2.868	4.8	20.5
1 6	5 20.30	+29 47.8	1.943	2.864	8.4	20.7
1 16	5 14.12	+29 1.0	2.008	2.861	11.7	20.9

271551 2004 JB_{25} 12 16.8 220°.07 1°.1/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 11.96	+25 55.2	1.941	2.706	15.8	22.1
11 17	6 7.30	+26 5.1	1.841	2.698	12.7	21.8
11 27	5 59.65	+26 13.2	1.763	2.689	9.0	21.6
12 7	5 49.60	+26 17.4	1.711	2.680	4.7	21.3
12 17	5 38.13	+26 15.4	1.687	2.670	1.1	21.0
12 27	5 26.57	+26 7.1	1.693	2.660	4.9	21.3
1 6	5 16.30	+25 53.8	1.727	2.649	9.2	21.5
1 16	5 8.37	+25 38.4	1.787	2.637	13.1	21.7

191547 2003 UB_{269} 12 16.8 120°.79 3°.9/16.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 11.72	+32 59.9	2.628	3.367	12.7	20.0
11 17	6 6.40	+34 7.7	2.543	3.379	10.3	19.8
11 27	5 58.64	+35 12.2	2.483	3.390	7.7	19.7
12 7	5 48.95	+36 9.1	2.450	3.401	5.1	19.5
12 17	5 38.15	+36 54.4	2.447	3.411	3.9	19.5
12 27	5 27.29	+37 25.8	2.475	3.422	5.2	19.6
1 6	5 17.46	+37 43.7	2.533	3.432	7.8	19.7
1 16	5 9.51	+37 50.4	2.618	3.442	10.3	19.9

355045 2006 SZ_{17} 12 16.8 192°.94 5°.3/17.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 13.37	+37 16.4	2.324	3.062	14.2	21.0
11 17	6 8.27	+38 10.2	2.231	3.061	11.8	20.8
11 27	6 0.25	+38 57.5	2.160	3.059	9.1	20.6
12 7	5 49.88	+39 33.1	2.114	3.056	6.5	20.4
12 17	5 38.13	+39 52.6	2.097	3.054	5.3	20.4
12 27	5 26.32	+39 53.9	2.110	3.050	6.5	20.4
1 6	5 15.78	+39 38.6	2.151	3.047	9.1	20.6
1 16	5 7.54	+39 11.0	2.217	3.042	11.8	20.8

514707 2006 SM_{41} 12 16.8 118°.91 4°.7/17.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 13.74	+35 48.6	2.194	2.938	14.8	21.9
11 17	6 8.42	+36 34.0	2.117	2.952	12.1	21.7
11 27	6 0.20	+37 12.3	2.061	2.966	9.1	21.5
12 7	5 49.76	+37 38.7	2.031	2.980	6.2	21.4
12 17	5 38.14	+37 49.6	2.030	2.993	4.7	21.3
12 27	5 26.68	+37 43.9	2.058	3.006	6.1	21.4
1 6	5 16.66	+37 23.7	2.115	3.018	8.8	21.6
1 16	5 9.02	+36 53.6	2.198	3.030	11.7	21.8

495484 2014 UM_{83} 12 16.8 88°.01 3°.0/16.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.53	+15 43.6	2.458	3.216	13.0	21.7
11 17	6 1.01	+15 1.8	2.384	3.234	10.4	21.5
11 27	5 54.55	+14 22.5	2.332	3.252	7.5	21.3
12 7	5 46.70	+13 47.2	2.308	3.270	4.5	21.2
12 17	5 38.20	+13 17.6	2.314	3.287	3.0	21.1
12 27	5 29.90	+12 55.0	2.350	3.305	4.8	21.3
1 6	5 22.58	+12 40.5	2.415	3.322	7.7	21.5
1 16	5 16.86	+12 34.0	2.506	3.339	10.4	21.7

67334 2000 JZ_{2} 12 16.8 346°.06 1°.2/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.07	+17 38.0	1.562	2.353	17.9	18.5
11 17	6 3.16	+18 11.7	1.475	2.346	14.4	18.2
11 27	5 57.09	+18 54.0	1.408	2.341	10.2	17.9
12 7	5 48.42	+19 43.5	1.365	2.336	5.3	17.7
12 17	5 38.16	+20 37.5	1.348	2.332	1.2	17.4
12 27	5 27.77	+21 32.7	1.360	2.328	5.5	17.6
1 6	5 18.73	+22 26.8	1.398	2.326	10.3	17.9
1 16	5 12.22	+23 18.5	1.460	2.324	14.7	18.2

511544 2014 TM_{58} 12 16.8 79°.87 12°.7/13.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 12.04	+ 6 4.4	1.196	1.979	22.8	20.8
11 17	6 8.04	+ 3 11.7	1.138	1.988	19.3	20.6
11 27	6 0.37	+ 0 27.4	1.099	1.997	15.9	20.4
12 7	5 49.94	− 1 55.5	1.083	2.007	13.3	20.3
12 17	5 38.14	− 3 44.4	1.090	2.016	12.8	20.3
12 27	5 26.74	− 4 51.3	1.121	2.026	14.7	20.4
1 6	5 17.33	− 5 15.8	1.173	2.035	17.6	20.6
1 16	5 10.97	− 5 3.3	1.244	2.045	20.6	20.8

352345 2007 VA_{86} 12 16.8 77°.83 1°.6/17.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 11.26	+27 49.8	1.761	2.534	16.9	21.2
11 17	6 6.67	+27 56.1	1.691	2.551	13.5	21.1
11 27	5 59.04	+27 58.3	1.642	2.569	9.4	20.8
12 7	5 49.16	+27 54.2	1.617	2.586	5.0	20.6
12 17	5 38.17	+27 42.1	1.621	2.603	1.6	20.4
12 27	5 27.49	+27 22.6	1.653	2.620	4.9	20.7
1 6	5 18.43	+26 58.3	1.714	2.637	9.1	21.0
1 16	5 11.90	+26 32.6	1.799	2.654	12.8	21.2

132031 2002 CA_{121} 12 16.8 83°.22 0°.8/16.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 12.76	+21 16.7	1.340	2.132	20.3	20.2
11 17	6 8.66	+21 17.9	1.275	2.147	16.2	20.0
11 27	6 0.88	+21 21.3	1.228	2.161	11.3	19.7
12 7	5 50.25	+21 25.5	1.203	2.175	5.8	19.4
12 17	5 38.15	+21 29.3	1.205	2.189	0.8	19.1
12 27	5 26.38	+21 32.4	1.234	2.203	5.9	19.5
1 6	5 16.58	+21 35.8	1.289	2.217	11.1	19.9
1 16	5 9.87	+21 41.3	1.368	2.230	15.6	20.2

474937 2005 SZ_{279} 12 16.8 18°.14 3°.3/16.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 9.62	+27 26.9	1.351	2.149	19.9	20.7
11 17	6 6.72	+28 21.3	1.278	2.151	16.0	20.5
11 27	5 59.94	+29 16.0	1.223	2.155	11.5	20.2
12 7	5 49.98	+30 5.3	1.190	2.159	6.5	19.9
12 17	5 38.15	+30 43.5	1.183	2.163	3.3	19.8
12 27	5 26.36	+31 7.1	1.203	2.168	6.7	20.0
1 6	5 16.47	+31 17.0	1.248	2.174	11.5	20.3
1 16	5 9.82	+31 17.0	1.315	2.180	15.9	20.6

142358 2002 RW_{220} 12 16.8 149°.62 2°.0/16.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.47	+17 32.1	2.148	2.910	14.6	21.2
11 17	6 3.86	+17 26.8	2.062	2.917	11.6	21.0
11 27	5 56.85	+17 24.9	1.999	2.923	8.2	20.8
12 7	5 48.02	+17 26.4	1.961	2.928	4.5	20.6
12 17	5 38.20	+17 31.2	1.953	2.934	2.0	20.4
12 27	5 28.46	+17 39.5	1.975	2.939	4.7	20.6
1 6	5 19.82	+17 51.2	2.026	2.943	8.3	20.9
1 16	5 13.09	+18 6.4	2.104	2.947	11.7	21.1

461173 2015 UQ_{11} 12 16.8 75°.65 0°.3/16.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.29	+22 48.8	1.858	2.634	16.0	22.1
11 17	6 4.15	+22 45.9	1.780	2.644	12.7	21.9
11 27	5 57.25	+22 42.6	1.724	2.654	8.9	21.7
12 7	5 48.26	+22 38.3	1.693	2.664	4.5	21.5
12 17	5 38.20	+22 32.3	1.690	2.674	0.3	21.1
12 27	5 28.30	+22 24.8	1.716	2.684	4.6	21.5
1 6	5 19.77	+22 17.3	1.770	2.694	8.8	21.8
1 16	5 13.49	+22 11.3	1.849	2.704	12.5	22.0

400400 2008 AJ_{95} 12 16.8 33°.23 2°.5/16.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.16	+17 12.2	1.500	2.293	18.4	20.8
11 17	6 2.97	+17 8.0	1.433	2.305	14.7	20.6
11 27	5 56.69	+17 9.4	1.386	2.318	10.4	20.4
12 7	5 48.06	+17 16.7	1.362	2.331	5.7	20.2
12 17	5 38.21	+17 29.6	1.364	2.345	2.5	20.0
12 27	5 28.59	+17 47.5	1.394	2.360	5.8	20.2
1 6	5 20.53	+18 9.9	1.450	2.376	10.2	20.5
1 16	5 15.00	+18 36.3	1.529	2.391	14.2	20.8

455335 2002 QR_{116} 12 16.8 107°.41 0°.8/16.9 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 14.93	+24 49.3	1.688	2.458	17.6	22.5
11 17	6 9.62	+25 1.8	1.619	2.479	14.0	22.3
11 27	6 1.13	+25 13.3	1.571	2.499	9.8	22.1
12 7	5 50.25	+25 21.1	1.548	2.518	5.0	21.9
12 17	5 38.18	+25 23.3	1.553	2.537	0.8	21.6
12 27	5 26.44	+25 19.8	1.587	2.555	5.0	22.0
1 6	5 16.41	+25 12.1	1.650	2.572	9.5	22.3
1 16	5 9.06	+25 3.2	1.738	2.589	13.3	22.5

124425 2001 QU_{238} 12 16.8 1°.80 12°.7/18.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 12.89	+46 35.4	1.276	2.044	22.4	18.9
11 17	6 11.15	+48 12.5	1.210	2.042	19.6	18.6
11 27	6 4.11	+49 33.0	1.159	2.041	16.5	18.5
12 7	5 52.48	+50 24.2	1.128	2.041	14.0	18.3
12 17	5 38.12	+50 34.9	1.117	2.043	12.7	18.2
12 27	5 23.95	+50 1.1	1.129	2.045	13.5	18.3
1 6	5 12.74	+48 49.5	1.162	2.048	15.9	18.4
1 16	5 6.21	+47 12.9	1.215	2.053	18.8	18.6

398924 2013 CB_{175} 12 16.8 60°.16 3°.2/16.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.66	+15 50.1	1.794	2.571	16.5	21.1
11 17	6 2.84	+15 25.6	1.717	2.579	13.2	20.9
11 27	5 56.34	+15 5.4	1.661	2.587	9.5	20.7
12 7	5 47.82	+14 51.0	1.629	2.595	5.5	20.5
12 17	5 38.22	+14 43.5	1.626	2.603	3.3	20.4
12 27	5 28.78	+14 43.7	1.650	2.611	5.8	20.5
1 6	5 20.63	+14 51.7	1.702	2.619	9.6	20.8
1 16	5 14.65	+15 7.3	1.778	2.628	13.2	21.0

132538 2002 JQ_{71} 12 16.8 212°.58 2°.3/16.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 8.73	+16 28.5	2.228	2.986	14.2	20.9
11 17	6 4.11	+16 19.8	2.128	2.979	11.5	20.7
11 27	5 57.10	+16 14.8	2.050	2.972	8.2	20.5
12 7	5 48.21	+16 14.0	1.999	2.964	4.6	20.3
12 17	5 38.22	+16 17.5	1.976	2.956	2.3	20.1
12 27	5 28.17	+16 25.5	1.985	2.946	4.9	20.2
1 6	5 19.10	+16 38.1	2.022	2.937	8.5	20.5
1 16	5 11.86	+16 55.3	2.086	2.926	11.9	20.6

358683 2007 YT_{45} 12 16.8 38°.44 1°.4/17.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.42	+27 40.2	1.756	2.535	16.7	20.7
11 17	6 4.58	+27 36.9	1.676	2.540	13.4	20.5
11 27	5 57.73	+27 29.2	1.617	2.546	9.4	20.3
12 7	5 48.58	+27 15.2	1.582	2.551	5.0	20.0
12 17	5 38.21	+26 53.8	1.574	2.557	1.4	19.8
12 27	5 28.04	+26 26.0	1.595	2.563	4.9	20.1
1 6	5 19.36	+25 54.6	1.644	2.569	9.3	20.3
1 16	5 13.15	+25 23.2	1.717	2.576	13.1	20.6

309902 2009 EF_{21} 12 16.8 226°.38 4°.7/16.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.52	+10 40.4	1.968	2.730	15.7	20.8
11 17	6 2.58	+10 19.3	1.878	2.727	12.9	20.6
11 27	5 56.13	+10 6.3	1.810	2.724	9.6	20.4
12 7	5 47.74	+10 3.5	1.766	2.721	6.3	20.2
12 17	5 38.23	+10 12.3	1.750	2.718	4.7	20.1
12 27	5 28.71	+10 32.9	1.763	2.714	6.5	20.2
1 6	5 20.27	+11 4.5	1.804	2.711	9.8	20.4
1 16	5 13.79	+11 45.3	1.869	2.707	13.1	20.6

485583 2011 UQ_{203} 12 16.8 27°.79 0°.3/16.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.28	+21 52.2	1.757	2.539	16.6	21.5
11 17	6 3.64	+22 0.5	1.674	2.541	13.2	21.3
11 27	5 57.10	+22 10.4	1.613	2.544	9.2	21.1
12 7	5 48.29	+22 20.6	1.576	2.547	4.7	20.8
12 17	5 38.22	+22 29.8	1.567	2.551	0.3	20.5
12 27	5 28.22	+22 37.6	1.586	2.554	4.9	20.9
1 6	5 19.57	+22 44.5	1.632	2.558	9.3	21.1
1 16	5 13.25	+22 51.7	1.704	2.562	13.2	21.4

495730 2016 CO_{263} 12 16.8 340°.24 6°.0/16.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 2.38	+ 7 37.4	2.088	2.848	15.0	21.3
11 17	5 59.12	+ 6 54.6	2.000	2.843	12.4	21.1
11 27	5 53.63	+ 6 20.3	1.933	2.839	9.6	20.9
12 7	5 46.42	+ 5 57.6	1.891	2.834	7.1	20.8
12 17	5 38.26	+ 5 49.2	1.876	2.830	6.0	20.7
12 27	5 30.11	+ 5 56.4	1.889	2.827	7.4	20.8
1 6	5 22.92	+ 6 18.7	1.929	2.823	10.0	20.9
1 16	5 17.45	+ 6 54.2	1.993	2.820	12.9	21.1

82992 2001 QN_{154} 12 16.8 1°.42 2°.9/17.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.72	+30 34.6	1.856	2.629	16.2	18.7
11 17	6 4.89	+30 53.9	1.770	2.629	13.1	18.5
11 27	5 58.03	+31 8.2	1.705	2.629	9.4	18.3
12 7	5 48.79	+31 14.2	1.664	2.629	5.5	18.0
12 17	5 38.23	+31 9.3	1.650	2.629	2.9	17.9
12 27	5 27.75	+30 53.0	1.666	2.629	5.4	18.0
1 6	5 18.69	+30 27.8	1.708	2.630	9.3	18.3
1 16	5 12.09	+29 57.6	1.776	2.631	12.9	18.5

458663 2011 GH_{79} 12 16.8 308°.26 1°.8/16.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 4.59	+16 32.1	2.243	3.010	13.9	21.5
11 17	6 0.89	+16 43.5	2.145	3.002	11.2	21.3
11 27	5 54.90	+17 0.1	2.068	2.993	7.9	21.1
12 7	5 47.12	+17 21.7	2.017	2.985	4.4	20.9
12 17	5 38.27	+17 47.8	1.995	2.976	1.8	20.7
12 27	5 29.33	+18 17.4	2.004	2.968	4.5	20.9
1 6	5 21.30	+18 49.8	2.041	2.960	8.1	21.1
1 16	5 14.99	+19 24.1	2.104	2.953	11.4	21.3

47811 2000 ER_{79} 12 16.8 146°.22 1°.7/16.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 4.88	+17 15.3	2.747	3.501	11.9	19.7
11 17	6 0.48	+17 10.9	2.658	3.508	9.5	19.6
11 27	5 54.24	+17 9.2	2.593	3.515	6.7	19.4
12 7	5 46.63	+17 10.3	2.554	3.521	3.7	19.2
12 17	5 38.29	+17 14.3	2.546	3.526	1.7	19.1
12 27	5 30.01	+17 21.3	2.569	3.532	3.8	19.2
1 6	5 22.53	+17 31.3	2.622	3.537	6.8	19.4
1 16	5 16.50	+17 44.3	2.703	3.542	9.5	19.6

446718 2015 OP_{64} 12 16.8 85°.61 2°.9/17.0 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 11.36	+13 10.8	1.967	2.723	15.9	21.9
11 17	6 6.11	+13 25.6	1.901	2.750	12.7	21.7
11 27	5 58.34	+13 48.5	1.857	2.776	9.1	21.6
12 7	5 48.75	+14 19.0	1.839	2.802	5.3	21.4
12 17	5 38.25	+14 56.2	1.851	2.828	2.9	21.3
12 27	5 28.01	+15 38.4	1.892	2.853	5.2	21.5
1 6	5 19.08	+16 23.9	1.963	2.878	8.7	21.8
1 16	5 12.23	+17 11.2	2.060	2.902	11.9	22.0

61288 2000 OE_{42} 12 16.8 149°.18 2°.8/16.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 9.29	+17 33.0	1.822	2.594	16.4	19.2
11 17	6 4.95	+17 4.8	1.739	2.598	13.2	18.9
11 27	5 57.85	+16 39.1	1.677	2.603	9.4	18.7
12 7	5 48.62	+16 16.9	1.640	2.606	5.3	18.5
12 17	5 38.26	+15 59.5	1.631	2.610	2.8	18.3
12 27	5 28.01	+15 48.1	1.651	2.613	5.6	18.5
1 6	5 19.09	+15 43.7	1.699	2.616	9.6	18.8
1 16	5 12.40	+15 46.7	1.772	2.619	13.3	19.0

280487 2004 LO_{29} 12 16.8 225°.65 1°.7/16.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 9.75	+20 22.6	1.821	2.595	16.4	21.5
11 17	6 5.54	+20 1.0	1.727	2.588	13.2	21.2
11 27	5 58.42	+19 39.6	1.653	2.582	9.3	21.0
12 7	5 49.00	+19 18.8	1.605	2.575	4.9	20.7
12 17	5 38.25	+18 58.9	1.585	2.567	1.7	20.5
12 27	5 27.49	+18 41.4	1.594	2.559	5.3	20.7
1 6	5 18.02	+18 27.8	1.630	2.551	9.7	20.9
1 16	5 10.85	+18 19.6	1.692	2.543	13.7	21.2

247187 2001 FK_{109} 12 16.8 211°.20 2°.2/16.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.21	+17 3.6	2.441	3.195	13.2	21.9
11 17	6 3.47	+16 48.1	2.338	3.187	10.6	21.7
11 27	5 56.54	+16 35.0	2.258	3.179	7.6	21.5
12 7	5 47.90	+16 24.9	2.205	3.170	4.3	21.3
12 17	5 38.28	+16 18.3	2.182	3.161	2.2	21.1
12 27	5 28.62	+16 15.7	2.190	3.151	4.5	21.3
1 6	5 19.85	+16 17.6	2.228	3.140	7.9	21.5
1 16	5 12.75	+16 24.3	2.292	3.129	11.1	21.7

44605 1999 RM_{16} 12 16.8 248°.02 1°.8/16.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 10.09	+19 43.2	1.591	2.373	18.0	19.3
11 17	6 6.34	+19 30.9	1.498	2.365	14.5	19.1
11 27	5 59.30	+19 20.7	1.425	2.355	10.3	18.8
12 7	5 49.58	+19 12.5	1.376	2.346	5.5	18.5
12 17	5 38.25	+19 6.4	1.353	2.336	1.8	18.2
12 27	5 26.82	+19 2.9	1.359	2.326	5.8	18.5
1 6	5 16.81	+19 3.1	1.392	2.316	10.8	18.7
1 16	5 9.43	+19 8.0	1.448	2.305	15.2	19.0

42157 2001 BX_{66} 12 16.8 281°.68 3°.2/16.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 4.86	+13 33.5	2.210	2.973	14.2	19.7
11 17	6 1.03	+13 26.1	2.116	2.969	11.5	19.5
11 27	5 54.95	+13 24.7	2.044	2.964	8.3	19.3
12 7	5 47.12	+13 30.3	1.999	2.960	5.1	19.1
12 17	5 38.30	+13 43.3	1.981	2.956	3.2	19.0
12 27	5 29.45	+14 3.7	1.993	2.952	5.2	19.1
1 6	5 21.54	+14 30.8	2.034	2.947	8.5	19.3
1 16	5 15.35	+15 3.5	2.100	2.943	11.7	19.5

302696 2002 TJ_{116} 12 16.8 90°.42 6°.6/17.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 15.09	+40 31.9	1.928	2.671	16.6	20.4
11 17	6 10.13	+41 16.3	1.855	2.683	13.9	20.3
11 27	6 1.73	+41 49.6	1.801	2.695	10.9	20.1
12 7	5 50.67	+42 5.3	1.772	2.707	8.1	20.0
12 17	5 38.25	+41 59.1	1.769	2.719	6.6	19.9
12 27	5 26.11	+41 30.2	1.794	2.731	7.7	20.0
1 6	5 15.80	+40 42.7	1.846	2.743	10.2	20.2
1 16	5 8.37	+39 43.3	1.922	2.755	13.1	20.4

64146 2001 TB_{39} 12 16.8 202°.00 2°.5/17.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 11.58	+29 47.7	1.724	2.497	17.2	19.3
11 17	6 7.39	+29 57.1	1.636	2.496	13.9	19.0
11 27	5 59.91	+30 1.2	1.570	2.495	9.9	18.8
12 7	5 49.82	+29 56.6	1.527	2.494	5.6	18.6
12 17	5 38.27	+29 41.0	1.512	2.492	2.5	18.4
12 27	5 26.82	+29 14.6	1.525	2.491	5.5	18.5
1 6	5 16.95	+28 40.3	1.566	2.489	9.8	18.8
1 16	5 9.77	+28 2.9	1.632	2.487	13.8	19.0

68945 2002 PF_{132} 12 16.8 27°.26 1°.5/17.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.01	+27 42.2	1.928	2.705	15.5	18.5
11 17	6 2.40	+27 44.9	1.849	2.713	12.4	18.3
11 27	5 56.08	+27 43.9	1.792	2.721	8.7	18.1
12 7	5 47.73	+27 37.3	1.760	2.729	4.6	17.9
12 17	5 38.31	+27 24.1	1.756	2.738	1.5	17.7
12 27	5 29.08	+27 4.8	1.780	2.748	4.6	17.9
1 6	5 21.17	+26 41.4	1.833	2.758	8.5	18.2
1 16	5 15.45	+26 16.9	1.910	2.768	12.0	18.4

222188 2000 CQ_{113} 12 16.8 7°.23 1°.9/17.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.61	+28 38.8	1.810	2.592	16.2	19.7
11 17	6 2.38	+28 44.8	1.728	2.593	13.0	19.5
11 27	5 56.26	+28 46.3	1.666	2.595	9.2	19.3
12 7	5 47.89	+28 41.2	1.628	2.597	5.0	19.1
12 17	5 38.31	+28 27.8	1.618	2.600	1.9	18.9
12 27	5 28.85	+28 6.6	1.636	2.603	4.9	19.1
1 6	5 20.78	+27 40.0	1.682	2.607	9.1	19.3
1 16	5 15.06	+27 11.4	1.752	2.612	12.8	19.6

22777 McAliley 12 16.8 288°.33 1°.3/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 9.06	+26 16.9	1.602	2.387	17.8	18.6
11 17	6 5.76	+26 24.4	1.505	2.373	14.4	18.4
11 27	5 59.07	+26 29.7	1.428	2.359	10.2	18.1
12 7	5 49.54	+26 30.2	1.375	2.345	5.4	17.8
12 17	5 38.28	+26 23.8	1.348	2.331	1.3	17.5
12 27	5 26.87	+26 10.0	1.349	2.317	5.5	17.7
1 6	5 16.92	+25 51.0	1.377	2.304	10.6	18.0
1 16	5 9.71	+25 30.3	1.428	2.290	15.1	18.2

220931 2005 *HM* 12 16.8 156°.44 2°.2/16.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 12.49	+19 0.4	1.875	2.639	16.3	21.9
11 17	6 7.38	+18 31.4	1.792	2.647	13.1	21.6
11 27	5 59.48	+18 3.4	1.730	2.655	9.2	21.4
12 7	5 49.45	+17 37.1	1.694	2.661	5.0	21.2
12 17	5 38.31	+17 13.5	1.686	2.667	2.3	21.0
12 27	5 27.33	+16 54.1	1.709	2.672	5.3	21.2
1 6	5 17.72	+16 40.4	1.760	2.676	9.4	21.5
1 16	5 10.39	+16 33.5	1.836	2.680	13.1	21.7

57840 2001 XY_{52} 12 16.9 216°.87 0°.2/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.52	+22 56.0	2.117	2.885	14.5	19.7
11 17	6 3.41	+23 11.2	2.024	2.884	11.6	19.5
11 27	5 56.75	+23 27.2	1.954	2.882	8.1	19.3
12 7	5 48.11	+23 42.6	1.910	2.880	4.2	19.1
12 17	5 38.33	+23 55.9	1.894	2.878	0.2	18.7
12 27	5 28.54	+24 6.3	1.909	2.877	4.3	19.1
1 6	5 19.84	+24 14.3	1.952	2.875	8.2	19.3
1 16	5 13.12	+24 20.9	2.021	2.872	11.7	19.5

370890 2005 EC_{213} 12 16.9 295°.84 1°.0/16.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 4.38	+20 28.4	2.398	3.164	13.1	22.0
11 17	6 0.52	+20 22.9	2.303	3.161	10.4	21.8
11 27	5 54.53	+20 18.4	2.231	3.158	7.3	21.6
12 7	5 46.90	+20 14.8	2.185	3.155	3.8	21.3
12 17	5 38.36	+20 12.0	2.169	3.152	1.0	21.1
12 27	5 29.82	+20 10.2	2.182	3.148	4.0	21.4
1 6	5 22.20	+20 10.0	2.225	3.145	7.5	21.6
1 16	5 16.24	+20 12.1	2.294	3.142	10.6	21.8

163957 2003 UY_{48} 12 16.9 45°.01 0°.1/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.55	+22 21.2	1.565	2.353	18.0	19.6
11 17	6 4.96	+22 37.9	1.493	2.363	14.4	19.3
11 27	5 58.17	+22 56.4	1.441	2.374	10.0	19.1
12 7	5 48.91	+23 14.9	1.414	2.385	5.1	18.9
12 17	5 38.34	+23 31.2	1.413	2.397	0.1	18.5
12 27	5 27.94	+23 44.5	1.440	2.408	5.2	18.9
1 6	5 19.13	+23 55.1	1.493	2.421	9.9	19.2
1 16	5 12.94	+24 4.5	1.571	2.433	13.9	19.5

24648 Evpatoria 12 16.9 112°.47 2°.0/17.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 11.02	+30 8.8	2.545	3.291	12.9	19.2
11 17	6 5.52	+30 17.1	2.469	3.313	10.3	19.0
11 27	5 57.80	+30 20.8	2.416	3.333	7.3	18.9
12 7	5 48.46	+30 17.8	2.390	3.354	4.1	18.7
12 17	5 38.35	+30 6.8	2.394	3.374	2.0	18.6
12 27	5 28.47	+29 48.3	2.430	3.393	4.0	18.7
1 6	5 19.76	+29 24.0	2.496	3.412	7.0	19.0
1 16	5 12.90	+28 56.8	2.589	3.430	9.8	19.2

274180 2008 GB_{70} 12 16.9 302°.57 7°.0/16.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.02	+ 9 46.5	1.402	2.190	19.7	21.3
11 17	6 3.41	+ 9 2.0	1.313	2.176	16.4	21.1
11 27	5 57.48	+ 8 27.1	1.242	2.161	12.6	20.8
12 7	5 48.77	+ 8 6.6	1.193	2.147	8.8	20.5
12 17	5 38.34	+ 8 4.3	1.168	2.133	7.0	20.4
12 27	5 27.71	+ 8 22.4	1.169	2.119	9.2	20.5
1 6	5 18.48	+ 8 59.9	1.194	2.106	13.3	20.7
1 16	5 11.90	+ 9 53.5	1.241	2.093	17.5	20.9

328925 2010 UO_{82} 12 16.9 46°.46 2°.1/16.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 9.74	+18 42.6	1.194	1.999	21.5	20.4
11 17	6 6.68	+18 37.7	1.131	2.010	17.2	20.2
11 27	5 59.77	+18 38.0	1.086	2.022	12.1	19.9
12 7	5 49.85	+18 43.4	1.063	2.034	6.4	19.7
12 17	5 38.35	+18 53.2	1.064	2.047	2.1	19.4
12 27	5 27.15	+19 6.9	1.091	2.060	6.5	19.8
1 6	5 18.00	+19 24.3	1.143	2.073	11.9	20.1
1 16	5 12.06	+19 45.6	1.217	2.087	16.6	20.4

443967 2003 SA_{241} 12 16.9 114°.33 1°.5/17.0 15

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 12.64	+27 8.9	2.048	2.807	15.3	23.1
11 17	6 7.37	+27 23.1	1.973	2.826	12.2	23.0
11 27	5 59.39	+27 34.6	1.919	2.843	8.5	22.8
12 7	5 49.39	+27 40.9	1.892	2.860	4.5	22.6
12 17	5 38.36	+27 40.2	1.895	2.877	1.5	22.4
12 27	5 27.57	+27 32.4	1.927	2.893	4.5	22.6
1 6	5 18.17	+27 19.2	1.988	2.908	8.3	22.9
1 16	5 11.02	+27 3.4	2.076	2.923	11.7	23.1

25674 Kevinellis 12 16.9 312°.32 3°.1/16.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 6.81	+17 51.2	1.373	2.172	19.5	18.5
11 17	6 4.20	+17 25.2	1.286	2.162	15.8	18.2
11 27	5 58.10	+17 2.3	1.217	2.151	11.3	17.9
12 7	5 49.11	+16 44.1	1.171	2.141	6.4	17.6
12 17	5 38.36	+16 32.0	1.150	2.131	3.1	17.4
12 27	5 27.52	+16 27.3	1.155	2.121	6.8	17.6
1 6	5 18.23	+16 31.2	1.186	2.112	12.0	17.8
1 16	5 11.79	+16 43.8	1.238	2.103	16.7	18.1

357086 2001 SA_{228} 12 16.9 107°.92 3°.2/17.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 10.26	+31 11.9	2.039	2.801	15.2	20.9
11 17	6 5.84	+31 43.6	1.955	2.807	12.3	20.7
11 27	5 58.57	+32 10.9	1.893	2.812	8.9	20.5
12 7	5 49.08	+32 30.1	1.856	2.818	5.4	20.3
12 17	5 38.37	+32 38.1	1.848	2.823	3.2	20.2
12 27	5 27.74	+32 34.0	1.869	2.829	5.3	20.4
1 6	5 18.46	+32 19.5	1.918	2.834	8.8	20.6
1 16	5 11.47	+31 58.1	1.992	2.839	12.1	20.8

475474 2006 SZ_{152} 12 16.9 338°.19 4°.8/16.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.83	+16 19.2	1.247	2.054	20.7	21.4
11 17	6 3.60	+15 26.2	1.168	2.047	16.8	21.1
11 27	5 57.73	+14 35.9	1.108	2.041	12.2	20.8
12 7	5 48.91	+13 51.9	1.069	2.035	7.4	20.5
12 17	5 38.38	+13 18.1	1.054	2.030	4.9	20.4
12 27	5 27.88	+12 57.8	1.065	2.026	8.1	20.5
1 6	5 19.10	+12 52.6	1.099	2.023	13.0	20.8
1 16	5 13.31	+13 2.5	1.154	2.020	17.6	21.1

493096 2014 SP_{326} 12 16.9 55°.03 5°.1/16.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 3.95	+ 9 49.6	2.163	2.922	14.5	20.8
11 17	6 0.19	+ 9 6.5	2.085	2.930	11.9	20.7
11 27	5 54.27	+ 8 30.3	2.028	2.938	9.0	20.5
12 7	5 46.76	+ 8 3.6	1.997	2.946	6.3	20.3
12 17	5 38.42	+ 7 48.8	1.994	2.954	5.1	20.3
12 27	5 30.19	+ 7 46.9	2.019	2.962	6.6	20.4
1 6	5 22.97	+ 7 57.8	2.072	2.970	9.3	20.6
1 16	5 17.46	+ 8 20.0	2.150	2.979	12.0	20.8

265501 2005 JR_{12} 12 16.9 145°.61 3°.2/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 14.74	+29 15.0	1.666	2.436	17.8	21.5
11 17	6 10.06	+29 55.3	1.586	2.443	14.4	21.3
11 27	6 1.89	+30 33.0	1.526	2.449	10.3	21.0
12 7	5 50.92	+31 3.2	1.490	2.455	6.0	20.8
12 17	5 38.36	+31 21.5	1.482	2.460	3.2	20.6
12 27	5 25.87	+31 25.9	1.502	2.465	6.0	20.8
1 6	5 15.08	+31 18.4	1.550	2.469	10.2	21.1
1 16	5 7.18	+31 3.0	1.622	2.473	14.2	21.3

305215 2007 WP_{55} 12 16.9 57°.82 4°.7/16.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 13.28	+30 43.0	1.649	2.422	17.9	19.8
11 17	6 8.96	+32 0.9	1.582	2.438	14.4	19.6
11 27	6 1.14	+33 16.3	1.535	2.455	10.5	19.4
12 7	5 50.53	+34 22.7	1.513	2.472	6.7	19.3
12 17	5 38.37	+35 13.6	1.518	2.490	4.7	19.2
12 27	5 26.33	+35 45.8	1.552	2.507	6.8	19.4
1 6	5 16.04	+36 0.2	1.612	2.525	10.4	19.6
1 16	5 8.65	+36 1.0	1.697	2.542	13.9	19.9

251223 2006 UA_{211} 12 16.9 187°.82 2°.4/17.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 13.91	+28 47.4	1.776	2.543	17.0	21.6
11 17	6 9.20	+29 8.8	1.687	2.543	13.7	21.4
11 27	6 1.20	+29 26.9	1.619	2.542	9.8	21.1
12 7	5 50.55	+29 37.8	1.575	2.541	5.5	20.9
12 17	5 38.39	+29 38.6	1.559	2.540	2.4	20.7
12 27	5 26.25	+29 28.3	1.572	2.537	5.5	20.8
1 6	5 15.65	+29 9.1	1.614	2.534	9.8	21.1
1 16	5 7.72	+28 45.1	1.680	2.531	13.7	21.3

357454 2004 DH_{17} 12 16.9 245°.60 3°.9/17.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 11.91	+35 8.7	2.103	2.854	15.1	21.1
11 17	6 7.26	+35 17.0	2.003	2.846	12.4	20.9
11 27	5 59.64	+35 16.7	1.925	2.837	9.2	20.7
12 7	5 49.68	+35 4.0	1.872	2.828	5.9	20.5
12 17	5 38.41	+34 36.2	1.847	2.818	3.9	20.3
12 27	5 27.20	+33 53.7	1.851	2.809	5.6	20.4
1 6	5 17.36	+32 59.8	1.884	2.799	9.0	20.6
1 16	5 9.92	+31 59.8	1.943	2.789	12.4	20.8

198788 2005 EQ_{131} 12 16.9 233°.79 4°.8/16.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 3.44	+ 8 55.4	2.428	3.179	13.4	20.4
11 17	5 59.62	+ 8 26.1	2.339	3.178	11.0	20.2
11 27	5 53.83	+ 8 3.8	2.271	3.178	8.3	20.1
12 7	5 46.56	+ 7 50.9	2.230	3.177	5.9	19.9
12 17	5 38.46	+ 7 48.9	2.217	3.176	4.8	19.8
12 27	5 30.39	+ 7 58.5	2.233	3.175	6.1	19.9
1 6	5 23.16	+ 8 19.4	2.277	3.174	8.6	20.1
1 16	5 17.45	+ 8 50.0	2.347	3.173	11.2	20.3

23657 1997 CB_{28} 12 16.9 64°.67 3°.1/16.9 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 10.06	+16 2.4	1.393	2.183	19.8	17.9
11 17	6 6.35	+15 55.1	1.326	2.195	15.9	17.7
11 27	5 59.25	+15 54.9	1.277	2.207	11.3	17.4
12 7	5 49.53	+16 2.3	1.252	2.220	6.3	17.2
12 17	5 38.42	+16 17.2	1.252	2.232	3.1	17.0
12 27	5 27.55	+16 38.9	1.280	2.245	6.4	17.3
1 6	5 18.42	+17 6.5	1.333	2.258	11.1	17.6
1 16	5 12.09	+17 38.9	1.410	2.270	15.3	17.9

107683 2001 FD_{12} 12 16.9 182°.32 8°.3/16.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.28	+ 1 21.3	2.115	2.848	15.6	20.3
11 17	6 2.12	+ 0 16.9	2.034	2.848	13.4	20.1
11 27	5 55.70	− 0 35.9	1.972	2.849	11.0	19.9
12 7	5 47.55	− 1 12.3	1.935	2.848	9.0	19.8
12 17	5 38.45	− 1 28.6	1.925	2.848	8.3	19.8
12 27	5 29.40	− 1 22.9	1.941	2.847	9.3	19.8
1 6	5 21.35	− 0 56.2	1.984	2.846	11.4	20.0
1 16	5 15.07	− 0 11.3	2.050	2.844	13.8	20.1

489499 2007 LG_{10} 12 16.9 251°.90 3°.9/16.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.09	+10 33.7	2.453	3.203	13.3	21.4
11 17	6 1.03	+10 23.9	2.350	3.192	10.9	21.3
11 27	5 54.91	+10 21.2	2.269	3.180	8.1	21.1
12 7	5 47.17	+10 27.0	2.215	3.168	5.3	20.9
12 17	5 38.47	+10 42.2	2.189	3.156	3.9	20.8
12 27	5 29.67	+11 6.8	2.193	3.144	5.5	20.8
1 6	5 21.67	+11 39.9	2.227	3.132	8.3	21.0
1 16	5 15.20	+12 20.3	2.286	3.119	11.2	21.2

63390 2001 JP_{5} 12 16.9 219°.91 0°.9/16.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.41	+19 42.0	2.807	3.561	11.7	20.5
11 17	6 1.04	+19 43.6	2.703	3.553	9.3	20.3
11 27	5 54.78	+19 46.8	2.622	3.545	6.5	20.1
12 7	5 47.04	+19 51.2	2.569	3.537	3.4	19.9
12 17	5 38.47	+19 56.6	2.545	3.528	1.0	19.7
12 27	5 29.85	+20 2.9	2.554	3.519	3.6	19.9
1 6	5 21.98	+20 10.3	2.592	3.510	6.7	20.1
1 16	5 15.52	+20 19.1	2.658	3.500	9.6	20.3

481122 2005 TL_{163} 12 16.9 30°.00 2°.1/17.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.64	+27 21.2	1.200	2.009	21.3	21.1
11 17	6 6.07	+27 35.9	1.139	2.020	17.0	20.8
11 27	5 59.48	+27 47.0	1.096	2.032	12.0	20.6
12 7	5 49.77	+27 51.0	1.074	2.045	6.4	20.3
12 17	5 38.44	+27 45.2	1.076	2.059	2.1	20.1
12 27	5 27.49	+27 29.7	1.104	2.074	6.3	20.4
1 6	5 18.71	+27 8.0	1.157	2.089	11.5	20.7
1 16	5 13.28	+26 44.5	1.231	2.106	16.1	21.0

74813 1999 TB_{7} 12 16.9 342°.24 2°.9/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.66	+27 2.9	1.241	2.049	20.7	18.6
11 17	6 5.64	+27 41.1	1.161	2.042	16.8	18.4
11 27	5 59.57	+28 19.1	1.100	2.035	12.0	18.1
12 7	5 50.06	+28 52.3	1.060	2.030	6.7	17.8
12 17	5 38.44	+29 15.5	1.044	2.025	2.9	17.5
12 27	5 26.71	+29 25.9	1.053	2.021	6.8	17.7
1 6	5 16.91	+29 24.8	1.087	2.018	12.2	18.0
1 16	5 10.53	+29 16.5	1.142	2.016	17.1	18.3

217186 2002 RL_{245} 12 16.9 63°.81 0°.2/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 13.39	+24 27.7	1.325	2.118	20.4	20.6
11 17	6 9.11	+24 22.3	1.268	2.140	16.2	20.3
11 27	6 1.14	+24 15.1	1.230	2.163	11.3	20.1
12 7	5 50.43	+24 4.6	1.214	2.186	5.7	19.9
12 17	5 38.44	+23 49.6	1.225	2.209	0.2	19.5
12 27	5 26.99	+23 31.3	1.263	2.232	5.7	20.0
1 6	5 17.65	+23 12.5	1.327	2.255	10.7	20.4
1 16	5 11.42	+22 56.3	1.414	2.278	15.0	20.7

163848 2003 SW_{65} 12 16.9 103°.15 2°.7/17.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 15.10	+30 3.1	2.070	2.823	15.3	21.2
11 17	6 9.34	+30 35.0	2.002	2.848	12.3	21.0
11 27	6 0.77	+31 2.6	1.955	2.873	8.8	20.8
12 7	5 50.12	+31 22.4	1.935	2.898	5.1	20.7
12 17	5 38.45	+31 31.4	1.944	2.921	2.7	20.6
12 27	5 27.07	+31 29.2	1.983	2.944	4.9	20.7
1 6	5 17.18	+31 17.6	2.052	2.966	8.4	21.0
1 16	5 9.65	+31 0.1	2.146	2.988	11.5	21.2

218821 2006 TE_{4} 12 16.9 124°.35 0°.6/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 14.68	+23 35.7	1.725	2.493	17.3	21.4
11 17	6 9.54	+23 57.7	1.650	2.508	13.8	21.2
11 27	6 1.23	+24 20.3	1.596	2.523	9.7	21.0
12 7	5 50.49	+24 41.1	1.567	2.537	5.0	20.7
12 17	5 38.45	+24 57.4	1.566	2.550	0.6	20.4
12 27	5 26.60	+25 8.1	1.595	2.563	5.0	20.8
1 6	5 16.34	+25 14.1	1.652	2.575	9.5	21.1
1 16	5 8.70	+25 17.5	1.735	2.586	13.4	21.3

187234 2005 SW_{154} 12 16.9 196°.86 1°.0/16.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 6.93	+21 13.2	2.116	2.886	14.5	21.0
11 17	6 2.86	+21 2.0	2.025	2.885	11.6	20.8
11 27	5 56.33	+20 51.2	1.957	2.884	8.1	20.6
12 7	5 47.93	+20 40.4	1.914	2.884	4.2	20.4
12 17	5 38.49	+20 29.8	1.900	2.883	1.0	20.1
12 27	5 29.09	+20 20.0	1.916	2.882	4.4	20.4
1 6	5 20.80	+20 11.9	1.960	2.881	8.3	20.6
1 16	5 14.43	+20 6.9	2.030	2.880	11.7	20.9

80977 2000 EE_{7} 12 16.9 89°.29 0°.3/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 15.04	+24 18.6	1.662	2.433	17.8	19.8
11 17	6 9.65	+24 19.5	1.600	2.460	14.1	19.6
11 27	6 1.13	+24 19.1	1.558	2.486	9.8	19.4
12 7	5 50.32	+24 15.4	1.542	2.512	5.0	19.2
12 17	5 38.47	+24 7.4	1.553	2.537	0.3	18.9
12 27	5 27.05	+23 55.7	1.594	2.562	4.9	19.3
1 6	5 17.40	+23 42.1	1.663	2.586	9.4	19.6
1 16	5 10.42	+23 29.4	1.757	2.610	13.2	19.9

187195 2005 SQ_{76} 12 16.9 232°.54 1°.7/16.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.64	+18 58.4	2.202	2.968	14.1	21.6
11 17	6 2.55	+18 46.5	2.105	2.962	11.3	21.4
11 27	5 56.10	+18 36.4	2.031	2.957	8.0	21.2
12 7	5 47.82	+18 28.2	1.983	2.951	4.3	20.9
12 17	5 38.50	+18 22.4	1.963	2.945	1.7	20.7
12 27	5 29.15	+18 19.2	1.974	2.938	4.5	20.9
1 6	5 20.80	+18 19.4	2.013	2.932	8.3	21.1
1 16	5 14.28	+18 23.5	2.078	2.925	11.6	21.3

193147 2000 HZ_{99} 12 16.9 214°.70 3°.8/16.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 9.88	+13 18.2	2.177	2.929	14.7	21.5
11 17	6 5.11	+12 50.9	2.075	2.920	12.0	21.3
11 27	5 57.90	+12 28.3	1.996	2.911	8.8	21.1
12 7	5 48.76	+12 12.1	1.943	2.901	5.5	20.9
12 17	5 38.49	+12 3.5	1.918	2.890	3.8	20.8
12 27	5 28.14	+12 3.8	1.924	2.878	5.8	20.9
1 6	5 18.77	+12 13.0	1.959	2.865	9.2	21.1
1 16	5 11.26	+12 30.9	2.020	2.852	12.6	21.2

520572 2014 NJ_{70} 12 16.9 185°.97 2°.7/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.46	+13 40.1	2.335	3.086	13.8	21.9
11 17	6 3.77	+13 47.9	2.240	3.086	11.2	21.7
11 27	5 56.84	+14 2.1	2.168	3.086	8.0	21.5
12 7	5 48.17	+14 23.1	2.123	3.085	4.7	21.3
12 17	5 38.50	+14 50.6	2.107	3.083	2.7	21.2
12 27	5 28.79	+15 23.6	2.121	3.081	4.8	21.3
1 6	5 20.00	+16 1.1	2.166	3.079	8.1	21.5
1 16	5 12.93	+16 41.9	2.238	3.076	11.2	21.7

136848 1998 BF_{44} 12 16.9 340°.33 2°.1/17.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 0.79	+16 7.7	1.321	2.133	19.5	18.5
11 17	5 59.73	+16 32.9	1.228	2.112	15.9	18.2
11 27	5 55.27	+17 9.5	1.154	2.091	11.4	17.9
12 7	5 47.86	+17 57.8	1.101	2.072	6.2	17.6
12 17	5 38.49	+18 56.0	1.072	2.055	2.1	17.3
12 27	5 28.75	+20 0.8	1.069	2.039	6.3	17.5
1 6	5 20.38	+21 8.4	1.091	2.025	11.8	17.7
1 16	5 14.80	+22 16.1	1.134	2.013	16.8	18.0

419262 2009 VT_{99} 12 16.9 88°.60 2°.2/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 9.10	+28 31.3	2.345	3.102	13.6	21.1
11 17	6 4.38	+29 5.0	2.268	3.118	10.9	20.9
11 27	5 57.27	+29 36.2	2.214	3.135	7.7	20.8
12 7	5 48.35	+30 2.2	2.186	3.151	4.4	20.6
12 17	5 38.50	+30 20.6	2.188	3.167	2.2	20.5
12 27	5 28.76	+30 30.4	2.220	3.183	4.3	20.6
1 6	5 20.16	+30 32.4	2.281	3.198	7.5	20.9
1 16	5 13.48	+30 28.9	2.370	3.214	10.5	21.1

181762 1996 VX_{17} 12 16.9 136°.92 1°.1/16.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 10.58	+21 15.0	1.493	2.281	18.8	21.3
11 17	6 6.85	+21 6.6	1.413	2.282	15.1	21.1
11 27	5 59.71	+20 59.4	1.351	2.283	10.6	20.8
12 7	5 49.86	+20 52.8	1.314	2.285	5.5	20.5
12 17	5 38.49	+20 46.4	1.302	2.286	1.1	20.2
12 27	5 27.19	+20 40.5	1.319	2.287	5.7	20.6
1 6	5 17.54	+20 36.5	1.362	2.288	10.7	20.8
1 16	5 10.68	+20 36.1	1.428	2.289	15.1	21.1

217390 2005 CW_{25} 12 16.9 185°.26 15°.9/17.0 11 C

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 23.70	−15 24.9	1.765	2.399	21.3	23.0
11 17	6 16.59	−16 59.9	1.690	2.402	19.6	22.8
11 27	6 6.16	−18 10.5	1.631	2.403	17.8	22.7
12 7	5 53.07	−18 46.3	1.591	2.402	16.5	22.6
12 17	5 38.46	−18 39.3	1.574	2.398	15.9	22.6
12 27	5 23.85	−17 46.6	1.581	2.391	16.5	22.6
1 6	5 10.77	−16 12.3	1.611	2.383	17.9	22.7
1 16	5 0.37	−14 5.4	1.662	2.371	19.8	22.8

492756 2014 QE_{168} 12 16.9 12°.00 1°.4/17.0 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 6.02	+16 53.3	1.966	2.739	15.4	20.1
11 17	6 2.36	+17 24.2	1.880	2.741	12.3	19.9
11 27	5 56.14	+18 2.0	1.816	2.744	8.7	19.7
12 7	5 47.91	+18 45.6	1.777	2.746	4.6	19.4
12 17	5 38.52	+19 32.9	1.767	2.750	1.4	19.2
12 27	5 29.09	+20 22.0	1.786	2.753	4.6	19.5
1 6	5 20.77	+21 10.9	1.834	2.758	8.6	19.7
1 16	5 14.44	+21 58.6	1.908	2.762	12.2	19.9

355425 2007 VM_{9} 12 16.9 67°.43 0°.0/16.9 18

11 7	6 11.49	+25 24.5	1.686	2.462	17.4	20.5
11 17	6 6.83	+25 0.8	1.621	2.484	13.8	20.3
11 27	5 59.16	+24 33.6	1.576	2.506	9.6	20.1
12 7	5 49.33	+24 2.1	1.557	2.528	4.9	19.9
12 17	5 38.51	+23 26.9	1.565	2.549	0.1	19.5
12 27	5 28.11	+22 49.9	1.603	2.571	4.8	20.0
1 6	5 19.39	+22 14.3	1.668	2.593	9.2	20.3
1 16	5 13.19	+21 43.0	1.758	2.614	13.0	20.6

167121 2003 SZ_{122} 12 16.9 12°.19 10°.2/16.7 18

11 7	6 2.71	+ 3 39.8	1.334	2.119	20.7	19.8
11 17	6 0.55	+ 2 26.8	1.270	2.122	17.6	19.6
11 27	5 55.26	+ 1 29.6	1.224	2.126	14.2	19.4
12 7	5 47.55	+ 0 55.3	1.198	2.132	11.3	19.2
12 17	5 38.54	+ 0 49.2	1.196	2.138	10.2	19.2
12 27	5 29.69	+ 1 13.0	1.217	2.146	11.5	19.3
1 6	5 22.37	+ 2 3.7	1.260	2.154	14.3	19.5
1 16	5 17.58	+ 3 15.5	1.325	2.164	17.5	19.7

66961 1999 XU_{41} 12 16.9 66°.71 0°.2/16.9 18

11 7	6 11.43	+24 27.9	1.628	2.408	17.8	19.0
11 17	6 6.92	+24 20.6	1.565	2.430	14.1	18.8
11 27	5 59.32	+24 11.4	1.522	2.452	9.8	18.6
12 7	5 49.46	+23 59.1	1.504	2.475	5.0	18.4
12 17	5 38.53	+23 43.2	1.513	2.497	0.2	18.0
12 27	5 28.00	+23 24.7	1.551	2.519	4.9	18.5
1 6	5 19.17	+23 5.7	1.616	2.542	9.4	18.8
1 16	5 12.94	+22 48.9	1.706	2.564	13.2	19.1

372737 2010 AR_{25} 12 16.9 352°.37 10°.2/18.8 17

11 7	6 4.34	− 5 28.8	1.823	2.547	18.1	19.3
11 17	6 1.11	− 5 42.7	1.740	2.540	15.9	19.1
11 27	5 55.32	− 5 34.4	1.674	2.534	13.5	18.9
12 7	5 47.52	− 4 58.8	1.630	2.530	11.4	18.8
12 17	5 38.56	− 3 53.3	1.610	2.526	10.3	18.7
12 27	5 29.57	− 2 18.8	1.616	2.523	10.8	18.7
1 6	5 21.67	− 0 20.6	1.648	2.521	12.8	18.8
1 16	5 15.75	+ 1 54.0	1.705	2.520	15.2	19.0

286470 2002 AV_{145} 12 16.9 223°.00 1°.0/16.8 18

11 7	6 9.92	+21 3.1	2.014	2.780	15.3	21.6
11 17	6 5.50	+20 55.6	1.915	2.772	12.3	21.4
11 27	5 58.37	+20 48.8	1.837	2.764	8.6	21.1
12 7	5 49.10	+20 42.3	1.785	2.755	4.5	20.9
12 17	5 38.55	+20 35.7	1.762	2.746	1.0	20.6
12 27	5 27.95	+20 29.3	1.769	2.736	4.7	20.8
1 6	5 18.48	+20 24.2	1.805	2.726	8.9	21.1
1 16	5 11.11	+20 21.8	1.866	2.715	12.7	21.3

102192 1999 SP_{5} 12 16.9 49°.79 18°.4/17.7 18

11 7	6 32.69	+55 12.6	1.274	1.990	24.8	18.6
11 17	6 30.11	+58 33.8	1.237	2.010	22.6	18.5
11 27	6 19.82	+61 32.7	1.217	2.030	20.5	18.4
12 7	6 1.79	+63 49.4	1.215	2.051	19.0	18.3
12 17	5 38.39	+65 6.2	1.231	2.072	18.4	18.4
12 27	5 14.78	+65 16.7	1.267	2.093	18.8	18.5
1 6	4 56.25	+64 30.9	1.320	2.115	19.9	18.6
1 16	4 45.63	+63 7.2	1.389	2.137	21.4	18.8

185830 2000 AB_{181} 12 16.9 20°.23 5°.2/16.2 18

11 7	6 5.02	+17 44.4	1.065	1.888	22.5	18.9
11 17	6 3.19	+16 26.3	1.007	1.895	18.1	18.6
11 27	5 57.46	+15 9.2	0.967	1.904	13.0	18.4
12 7	5 48.76	+13 58.6	0.947	1.915	7.8	18.1
12 17	5 38.57	+13 0.1	0.950	1.926	5.3	18.0
12 27	5 28.80	+12 18.8	0.977	1.939	8.5	18.3
1 6	5 21.12	+11 57.0	1.027	1.953	13.4	18.6
1 16	5 16.63	+11 54.1	1.098	1.968	17.9	18.9

492679 2014 PB_{34} 12 16.9 47°.04 1°.5/16.9 18

11 7	6 6.44	+18 14.6	1.933	2.708	15.5	21.1
11 17	6 2.63	+18 21.8	1.855	2.717	12.4	21.0
11 27	5 56.27	+18 33.2	1.798	2.726	8.7	20.7
12 7	5 47.95	+18 48.3	1.767	2.736	4.6	20.5
12 17	5 38.60	+19 6.2	1.764	2.746	1.5	20.3
12 27	5 29.34	+19 26.3	1.790	2.756	4.7	20.6
1 6	5 21.27	+19 48.2	1.844	2.767	8.6	20.8
1 16	5 15.26	+20 11.8	1.923	2.777	12.1	21.1

481592 2007 TS_{205} 12 16.9 25°.98 3°.1/17.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 7.60	+28 28.4	1.243	2.050	20.7	20.9
11 17	6 5.18	+29 0.4	1.185	2.064	16.6	20.6
11 27	5 58.85	+29 28.6	1.144	2.078	11.8	20.4
12 7	5 49.50	+29 48.5	1.125	2.094	6.6	20.2
12 17	5 38.58	+29 56.4	1.131	2.111	3.1	20.0
12 27	5 28.03	+29 51.5	1.162	2.130	6.4	20.3
1 6	5 19.59	+29 36.7	1.218	2.149	11.2	20.6
1 16	5 14.39	+29 16.8	1.296	2.169	15.6	20.9

48888 1998 KR_{6} 12 16.9 139°.39 1°.9/16.7 18

11 7	6 12.80	+19 25.8	1.836	2.602	16.5	20.1
11 17	6 7.73	+19 5.6	1.757	2.614	13.2	19.9
11 27	5 59.82	+18 46.8	1.700	2.625	9.3	19.7
12 7	5 49.76	+18 29.7	1.667	2.636	5.0	19.4
12 17	5 38.59	+18 14.7	1.664	2.646	1.9	19.2
12 27	5 27.62	+18 2.8	1.690	2.655	5.2	19.5
1 6	5 18.07	+17 55.2	1.745	2.663	9.3	19.8
1 16	5 10.84	+17 53.0	1.825	2.671	13.0	20.0

229916 1995 CA_{4} 12 16.9 331°.18 2°.2/16.8 18

11 7	6 5.58	+19 12.0	1.378	2.180	19.3	20.7
11 17	6 3.27	+18 56.3	1.292	2.170	15.6	20.4
11 27	5 57.52	+18 43.4	1.225	2.160	11.1	20.1
12 7	5 48.92	+18 34.0	1.180	2.151	6.0	19.8
12 17	5 38.60	+18 28.6	1.161	2.143	2.2	19.5
12 27	5 28.20	+18 27.9	1.167	2.135	6.3	19.8
1 6	5 19.35	+18 32.8	1.199	2.128	11.5	20.0
1 16	5 13.30	+18 44.0	1.252	2.122	16.2	20.3

477354 2009 UR_{76} 12 16.9 328°.54 3°.9/17.0 18

11 7	6 7.90	+29 29.1	1.309	2.111	20.2	21.2
11 17	6 5.85	+30 9.6	1.223	2.099	16.5	20.9
11 27	5 59.79	+30 47.7	1.156	2.088	12.0	20.6
12 7	5 50.27	+31 18.1	1.110	2.078	7.1	20.3
12 17	5 38.59	+31 35.2	1.089	2.068	3.9	20.1
12 27	5 26.71	+31 36.2	1.093	2.059	7.1	20.3
1 6	5 16.68	+31 23.0	1.122	2.051	12.2	20.5
1 16	5 10.02	+31 0.7	1.172	2.043	17.0	20.8

466535 2014 SP_{119} 12 16.9 341°.56 2°.4/17.0 17

11 7	6 5.63	+28 13.9	1.845	2.626	15.9	21.4
11 17	6 2.60	+28 40.8	1.754	2.618	12.9	21.2
11 27	5 56.64	+29 5.4	1.683	2.611	9.2	20.9
12 7	5 48.32	+29 24.7	1.637	2.604	5.2	20.7
12 17	5 38.62	+29 36.0	1.618	2.598	2.4	20.5
12 27	5 28.85	+29 38.0	1.627	2.593	5.2	20.7
1 6	5 20.35	+29 31.9	1.663	2.588	9.3	20.9
1 16	5 14.18	+29 20.4	1.724	2.584	13.0	21.1

293236 2007 BM_{68} 12 16.9 115°.62 0°.3/16.9 18

11 7	6 7.34	+22 46.1	2.210	2.976	14.1	21.3
11 17	6 3.06	+22 42.0	2.125	2.982	11.2	21.1
11 27	5 56.42	+22 37.6	2.061	2.988	7.8	20.9
12 7	5 48.00	+22 32.1	2.024	2.994	4.0	20.7
12 17	5 38.63	+22 25.2	2.016	3.000	0.3	20.4
12 27	5 29.35	+22 17.1	2.038	3.005	4.1	20.7
1 6	5 21.16	+22 8.9	2.089	3.011	7.8	20.9
1 16	5 14.86	+22 2.0	2.166	3.016	11.1	21.2

253405 2003 QE 12 16.9 184°.87 2°.4/16.7 18

11 7	6 12.52	+18 18.6	1.716	2.487	17.3	21.6
11 17	6 7.89	+17 57.3	1.628	2.487	14.0	21.3
11 27	6 0.20	+17 38.4	1.561	2.487	9.9	21.1
12 7	5 50.09	+17 22.5	1.519	2.487	5.5	20.8
12 17	5 38.61	+17 10.1	1.505	2.485	2.4	20.6
12 27	5 27.16	+17 2.4	1.519	2.483	5.7	20.8
1 6	5 17.14	+17 0.2	1.562	2.480	10.2	21.1
1 16	5 9.58	+17 4.4	1.629	2.477	14.2	21.3

316224 2010 NO_{57} 12 16.9 89°.61 0°.7/16.9 18

11 7	6 8.55	+25 48.0	2.016	2.786	15.1	21.4
11 17	6 4.31	+25 45.0	1.933	2.793	12.1	21.2
11 27	5 57.44	+25 39.3	1.872	2.799	8.4	21.0
12 7	5 48.56	+25 29.7	1.836	2.805	4.4	20.7
12 17	5 38.62	+25 15.5	1.828	2.812	0.7	20.5
12 27	5 28.83	+24 57.1	1.850	2.818	4.4	20.8
1 6	5 20.31	+24 36.4	1.901	2.825	8.3	21.0
1 16	5 13.91	+24 15.9	1.977	2.831	11.9	21.3

266508 2008 EQ_{44} 12 16.9 192°.64 1°.8/17.0 18

11 7	6 13.70	+27 15.8	1.851	2.616	16.5	22.1
11 17	6 8.92	+27 36.2	1.759	2.615	13.3	21.9
11 27	6 0.99	+27 54.6	1.688	2.613	9.4	21.6
12 7	5 50.53	+28 7.7	1.643	2.610	5.1	21.4
12 17	5 38.61	+28 12.7	1.625	2.607	1.8	21.2
12 27	5 26.65	+28 8.7	1.638	2.604	5.1	21.4
1 6	5 16.12	+27 57.3	1.678	2.599	9.5	21.6
1 16	5 8.11	+27 41.7	1.744	2.594	13.4	21.9

400897 2010 RF_{118} 12 16.9 143°.14 1°.0/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 7.63	+20 4.6	2.119	2.886	14.6	21.4
11 17	6 3.43	+20 8.1	2.032	2.890	11.6	21.2
11 27	5 56.77	+20 13.8	1.966	2.893	8.1	20.9
12 7	5 48.22	+20 21.0	1.926	2.895	4.2	20.7
12 17	5 38.63	+20 29.1	1.915	2.898	1.0	20.5
12 27	5 29.08	+20 37.9	1.934	2.901	4.3	20.7
1 6	5 20.61	+20 47.5	1.982	2.903	8.2	21.0
1 16	5 14.08	+20 58.5	2.055	2.905	11.6	21.2

187262 2005 SW_{281} 12 16.9 298°.93 0°.1/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.18	+23 58.3	2.036	2.808	14.9	20.8
11 17	6 3.29	+23 57.6	1.945	2.806	11.9	20.6
11 27	5 56.80	+23 55.9	1.875	2.804	8.3	20.4
12 7	5 48.28	+23 52.2	1.831	2.802	4.3	20.1
12 17	5 38.63	+23 45.6	1.815	2.799	0.1	19.8
12 27	5 29.01	+23 36.4	1.829	2.797	4.4	20.1
1 6	5 20.54	+23 25.8	1.871	2.795	8.4	20.4
1 16	5 14.13	+23 15.7	1.939	2.793	12.0	20.6

309928 2009 FL_{42} 12 16.9 316°.21 6°.7/16.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 12.78	+36 40.1	1.810	2.569	17.0	20.2
11 17	6 8.91	+37 59.6	1.723	2.566	14.2	20.0
11 27	6 1.46	+39 14.0	1.657	2.562	11.0	19.8
12 7	5 50.98	+40 15.8	1.615	2.558	8.0	19.6
12 17	5 38.61	+40 58.0	1.599	2.555	6.7	19.6
12 27	5 26.04	+41 16.5	1.611	2.551	8.2	19.6
1 6	5 15.02	+41 12.8	1.650	2.548	11.2	19.8
1 16	5 6.92	+40 52.0	1.711	2.545	14.4	20.0

76646 2000 HY_{25} 12 16.9 41°.62 7°.7/16.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 14.61	+41 14.1	2.202	2.933	15.1	18.0
11 17	6 9.95	+42 59.5	2.125	2.941	12.8	17.8
11 27	6 1.95	+44 37.7	2.070	2.949	10.4	17.7
12 7	5 51.16	+46 1.2	2.040	2.957	8.4	17.6
12 17	5 38.61	+47 2.8	2.038	2.965	7.7	17.6
12 27	5 25.84	+47 38.7	2.064	2.974	8.6	17.6
1 6	5 14.45	+47 50.1	2.116	2.983	10.6	17.8
1 16	5 5.71	+47 41.5	2.192	2.992	12.8	17.9

72415 2001 CV_{30} 12 16.9 273°.37 6°.2/17.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 11.57	+39 59.9	2.334	3.069	14.3	19.1
11 17	6 7.22	+40 57.7	2.231	3.055	12.0	18.9
11 27	5 59.86	+41 48.1	2.150	3.041	9.5	18.7
12 7	5 50.01	+42 25.7	2.094	3.026	7.3	18.5
12 17	5 38.62	+42 45.4	2.066	3.012	6.2	18.5
12 27	5 27.03	+42 44.7	2.066	2.997	7.3	18.5
1 6	5 16.63	+42 24.9	2.093	2.983	9.6	18.6
1 16	5 8.57	+41 50.5	2.146	2.968	12.3	18.8

225289 1994 SK_{10} 12 16.9 77°.57 1°.0/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 14.02	+25 26.4	1.515	2.295	18.9	20.6
11 17	6 9.32	+25 37.7	1.453	2.318	15.0	20.4
11 27	6 1.20	+25 47.2	1.410	2.340	10.4	20.2
12 7	5 50.53	+25 52.3	1.392	2.362	5.4	19.9
12 17	5 38.62	+25 51.0	1.401	2.384	1.0	19.7
12 27	5 27.13	+25 43.3	1.438	2.406	5.3	20.0
1 6	5 17.52	+25 31.4	1.502	2.427	10.0	20.4
1 16	5 10.79	+25 18.6	1.590	2.449	14.0	20.6

215519 2002 VD_{15} 12 16.9 111°.71 12°.7/13.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 16.37	+ 7 24.1	1.139	1.921	23.8	19.8
11 17	6 11.71	+ 4 23.1	1.082	1.933	20.1	19.6
11 27	6 3.14	+ 1 28.6	1.044	1.945	16.3	19.4
12 7	5 51.60	− 1 5.5	1.028	1.956	13.4	19.3
12 17	5 38.62	− 3 5.2	1.036	1.967	12.9	19.3
12 27	5 26.11	− 4 21.6	1.068	1.977	14.9	19.5
1 6	5 15.80	− 4 53.7	1.122	1.987	18.0	19.7
1 16	5 8.78	− 4 47.1	1.194	1.996	21.3	19.9

283769 2003 HH_{22} 12 16.9 229°.04 0°.8/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 10.45	+20 48.1	2.020	2.785	15.3	21.5
11 17	6 6.00	+20 50.5	1.918	2.774	12.3	21.3
11 27	5 58.80	+20 54.6	1.837	2.763	8.7	21.0
12 7	5 49.39	+20 59.6	1.782	2.752	4.5	20.7
12 17	5 38.64	+21 4.7	1.756	2.740	0.8	20.4
12 27	5 27.76	+21 9.5	1.761	2.728	4.7	20.7
1 6	5 17.98	+21 14.5	1.793	2.714	9.0	20.9
1 16	5 10.30	+21 20.9	1.852	2.701	12.8	21.1

168558 1999 XX_{16} 12 16.9 220°.31 2°.3/16.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 22.51	+28 14.6	1.234	2.016	22.3	19.1
11 17	6 17.11	+26 16.7	1.146	2.012	18.1	18.9
11 27	6 7.22	+23 58.1	1.077	2.008	12.8	18.5
12 7	5 53.82	+21 20.5	1.032	2.003	6.7	18.2
12 17	5 38.60	+18 31.7	1.016	1.998	2.4	17.9
12 27	5 23.84	+15 45.4	1.028	1.992	7.8	18.2
1 6	5 11.59	+13 16.5	1.069	1.987	13.9	18.5
1 16	5 3.14	+11 14.9	1.132	1.980	19.2	18.8

363361 2002 RT_{250} 12 16.9 67°.81 2°.0/17.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 7.98	+30 27.1	2.281	3.040	13.9	20.6
11 17	6 3.60	+30 23.3	2.197	3.048	11.1	20.4
11 27	5 56.78	+30 13.7	2.135	3.056	7.9	20.2
12 7	5 48.17	+29 56.7	2.099	3.064	4.5	20.0
12 17	5 38.65	+29 31.4	2.092	3.072	2.0	19.9
12 27	5 29.31	+28 58.7	2.115	3.080	4.2	20.0
1 6	5 21.16	+28 20.9	2.167	3.088	7.6	20.3
1 16	5 14.98	+27 41.5	2.246	3.096	10.8	20.5

39893 1998 FS_5 12 16.9 117°.49 0°.9/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 13.04	+25 22.6	2.207	2.960	14.5	20.7
11 17	6 7.48	+25 36.8	2.132	2.982	11.5	20.5
11 27	5 59.41	+25 49.5	2.079	3.003	8.0	20.3
12 7	5 49.49	+25 58.7	2.054	3.023	4.2	20.1
12 17	5 38.66	+26 2.8	2.058	3.042	0.9	19.9
12 27	5 28.03	+26 1.7	2.094	3.060	4.1	20.2
1 6	5 18.68	+25 56.4	2.159	3.078	7.8	20.5
1 16	5 11.41	+25 49.1	2.251	3.095	11.0	20.7

111986 2002 GC_{96} 12 16.9 302°.73 5°.1/17.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 12.49	+32 55.7	1.377	2.164	20.1	19.9
11 17	6 9.42	+33 34.5	1.294	2.158	16.5	19.6
11 27	6 2.19	+34 7.2	1.228	2.152	12.2	19.3
12 7	5 51.47	+34 27.1	1.185	2.146	7.8	19.1
12 17	5 38.63	+34 28.4	1.166	2.140	5.1	18.9
12 27	5 25.74	+34 9.0	1.174	2.135	7.6	19.0
1 6	5 14.87	+33 32.6	1.207	2.130	12.1	19.3
1 16	5 7.49	+32 46.4	1.262	2.125	16.6	19.5

419370 2009 XU_{12} 12 16.9 339°.85 3°.1/16.2 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 0.95	+21 4.7	1.515	2.320	17.7	20.4
11 17	5 59.31	+19 58.2	1.417	2.297	14.4	20.1
11 27	5 54.60	+18 46.1	1.339	2.275	10.3	19.8
12 7	5 47.39	+17 31.0	1.284	2.254	5.8	19.5
12 17	5 38.67	+16 17.0	1.255	2.235	3.1	19.3
12 27	5 29.86	+15 9.3	1.253	2.217	6.6	19.4
1 6	5 22.39	+14 12.7	1.276	2.201	11.4	19.6
1 16	5 17.38	+13 30.5	1.322	2.187	15.8	19.9

482661 2013 BT_{64} 12 16.9 288°.49 6°.6/17.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 13.32	+39 41.1	1.823	2.575	17.1	22.3
11 17	6 9.43	+40 12.4	1.719	2.556	14.5	22.0
11 27	6 1.85	+40 32.9	1.635	2.536	11.3	21.8
12 7	5 51.19	+40 36.0	1.574	2.517	8.3	21.6
12 17	5 38.64	+40 16.2	1.539	2.497	6.6	21.4
12 27	5 25.96	+39 31.9	1.532	2.478	7.9	21.5
1 6	5 14.93	+38 26.9	1.551	2.458	11.1	21.6
1 16	5 6.92	+37 8.8	1.594	2.439	14.7	21.8

381039 2006 VP_{105} 12 16.9 44°.61 1°.6/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 11.05	+25 47.4	1.397	2.189	19.6	21.6
11 17	6 7.66	+26 9.9	1.321	2.193	15.7	21.4
11 27	6 0.55	+26 31.7	1.265	2.198	11.1	21.1
12 7	5 50.44	+26 49.3	1.231	2.202	5.9	20.8
12 17	5 38.65	+26 59.5	1.224	2.207	1.6	20.6
12 27	5 26.96	+27 1.0	1.243	2.212	5.9	20.9
1 6	5 17.12	+26 55.7	1.288	2.217	11.0	21.2
1 16	5 10.36	+26 47.0	1.356	2.222	15.5	21.4

211782 2004 BK_{141} 12 16.9 319°.84 2°.4/16.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.92	+17 33.9	1.836	2.613	16.2	20.9
11 17	6 3.27	+17 20.5	1.748	2.610	13.0	20.7
11 27	5 56.89	+17 10.6	1.681	2.608	9.2	20.4
12 7	5 48.39	+17 4.7	1.639	2.607	5.1	20.2
12 17	5 38.67	+17 3.4	1.624	2.605	2.4	20.0
12 27	5 28.96	+17 7.0	1.638	2.603	5.3	20.2
1 6	5 20.47	+17 15.9	1.680	2.601	9.4	20.4
1 16	5 14.12	+17 30.0	1.746	2.600	13.2	20.7

300646 2007 UV_{81} 12 16.9 110°.90 5°.4/16.4 15

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.87	+ 9 57.2	2.015	2.769	15.7	22.0
11 17	6 4.18	+ 9 9.1	1.944	2.785	12.8	21.8
11 27	5 57.12	+ 8 28.2	1.894	2.802	9.6	21.7
12 7	5 48.32	+ 7 57.4	1.869	2.817	6.7	21.5
12 17	5 38.68	+ 7 39.2	1.873	2.833	5.4	21.5
12 27	5 29.23	+ 7 34.9	1.905	2.847	6.9	21.6
1 6	5 20.98	+ 7 44.1	1.965	2.862	9.8	21.8
1 16	5 14.66	+ 8 5.4	2.051	2.876	12.7	22.0

119318 2001 SL_{101} 12 16.9 177°.55 0°.2/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 12.35	+24 2.2	1.988	2.751	15.5	21.3
11 17	6 7.43	+24 3.7	1.897	2.753	12.5	21.1
11 27	5 59.71	+24 4.2	1.829	2.754	8.7	20.9
12 7	5 49.80	+24 2.2	1.786	2.755	4.5	20.7
12 17	5 38.67	+23 56.6	1.772	2.756	0.2	20.3
12 27	5 27.58	+23 47.5	1.788	2.755	4.5	20.7
1 6	5 17.79	+23 36.2	1.833	2.754	8.8	20.9
1 16	5 10.23	+23 25.0	1.904	2.752	12.5	21.1

270148 2001 SO_{65} 12 16.9 51°.03 11°.3/16.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 7.60	+ 1 54.1	1.367	2.135	21.1	20.1
11 17	6 4.10	+ 0 10.7	1.316	2.154	18.0	19.9
11 27	5 57.49	− 1 15.6	1.284	2.173	14.8	19.8
12 7	5 48.62	− 2 16.7	1.273	2.192	12.2	19.7
12 17	5 38.68	− 2 46.5	1.285	2.212	11.3	19.7
12 27	5 29.11	− 2 43.1	1.321	2.232	12.4	19.8
1 6	5 21.22	− 2 9.3	1.380	2.252	14.8	20.0
1 16	5 15.88	− 1 11.3	1.460	2.273	17.5	20.2

193337 2000 TZ_{67} 12 16.9 78°.29 3°.0/16.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 11.02	+18 2.7	1.640	2.417	17.8	20.5
11 17	6 6.44	+17 24.3	1.576	2.438	14.2	20.3
11 27	5 58.95	+16 48.2	1.532	2.459	10.0	20.1
12 7	5 49.31	+16 16.0	1.513	2.479	5.6	19.9
12 17	5 38.68	+15 49.2	1.521	2.500	3.0	19.8
12 27	5 28.41	+15 29.7	1.558	2.520	5.9	20.0
1 6	5 19.72	+15 18.6	1.622	2.540	9.9	20.3
1 16	5 13.48	+15 16.4	1.710	2.560	13.6	20.6

421999 2014 QN_{311} 12 16.9 138°.50 1°.7/16.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.49	+18 56.5	2.162	2.927	14.4	21.9
11 17	6 3.20	+18 45.1	2.075	2.932	11.5	21.7
11 27	5 56.55	+18 35.7	2.011	2.937	8.1	21.5
12 7	5 48.10	+18 28.4	1.973	2.941	4.3	21.3
12 17	5 38.69	+18 23.4	1.964	2.946	1.7	21.1
12 27	5 29.36	+18 21.2	1.985	2.950	4.5	21.3
1 6	5 21.10	+18 22.2	2.035	2.954	8.2	21.6
1 16	5 14.72	+18 27.1	2.111	2.958	11.5	21.8

291257 2006 BK_{57} 12 16.9 346°.49 2°.2/17.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.11	+26 58.9	1.255	2.066	20.4	20.5
11 17	6 3.53	+27 18.6	1.175	2.058	16.5	20.2
11 27	5 58.06	+27 36.0	1.113	2.050	11.7	19.9
12 7	5 49.35	+27 47.9	1.072	2.043	6.4	19.6
12 17	5 38.68	+27 50.9	1.055	2.037	2.2	19.3
12 27	5 27.95	+27 43.9	1.063	2.033	6.4	19.6
1 6	5 19.08	+27 29.2	1.096	2.030	11.8	19.9
1 16	5 13.44	+27 11.0	1.150	2.028	16.7	20.1

15163 2000 GB_{4} 12 16.9 317°.70 7°.4/16.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 4.44	+ 5 48.4	1.704	2.470	17.6	17.6
11 17	6 1.52	+ 5 11.3	1.613	2.458	14.8	17.4
11 27	5 55.84	+ 4 46.4	1.541	2.446	11.7	17.2
12 7	5 47.94	+ 4 38.1	1.492	2.434	8.7	17.0
12 17	5 38.70	+ 4 49.5	1.469	2.422	7.4	16.9
12 27	5 29.33	+ 5 21.8	1.472	2.411	8.9	17.0
1 6	5 21.09	+ 6 13.1	1.500	2.400	12.0	17.1
1 16	5 14.98	+ 7 19.8	1.552	2.390	15.4	17.3

464397 2016 BF_{13} 12 16.9 178°.34 1°.9/17.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.79	+30 21.6	2.517	3.271	12.9	21.0
11 17	6 3.29	+30 20.6	2.423	3.271	10.4	20.9
11 27	5 56.53	+30 14.5	2.352	3.272	7.4	20.7
12 7	5 48.08	+30 1.6	2.307	3.272	4.2	20.5
12 17	5 38.72	+29 40.9	2.292	3.272	1.9	20.3
12 27	5 29.45	+29 12.8	2.307	3.272	4.0	20.5
1 6	5 21.22	+28 39.4	2.352	3.271	7.2	20.7
1 16	5 14.77	+28 3.7	2.424	3.271	10.2	20.9

450085 2015 RT_{85} 12 16.9 37°.99 6°.5/18.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 15.10	+40 13.7	1.436	2.205	20.3	20.2
11 17	6 10.79	+40 21.0	1.382	2.228	16.7	20.0
11 27	6 2.42	+40 11.9	1.345	2.253	12.8	19.9
12 7	5 51.15	+39 40.8	1.330	2.278	8.8	19.7
12 17	5 38.69	+38 45.1	1.341	2.305	6.5	19.6
12 27	5 27.04	+37 28.2	1.378	2.331	7.7	19.8
1 6	5 17.85	+35 58.1	1.441	2.359	11.0	20.0
1 16	5 12.06	+34 24.2	1.529	2.386	14.5	20.3

407585 2011 AA_{48} 12 16.9 46°.43 4°.1/17.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.71	+11 23.4	1.947	2.714	15.7	20.7
11 17	6 1.94	+11 16.2	1.872	2.724	12.7	20.5
11 27	5 55.74	+11 17.5	1.817	2.734	9.3	20.3
12 7	5 47.72	+11 28.8	1.787	2.745	5.9	20.1
12 17	5 38.72	+11 50.3	1.785	2.757	4.1	20.0
12 27	5 29.83	+12 21.5	1.812	2.768	5.9	20.2
1 6	5 22.08	+13 1.0	1.866	2.780	9.2	20.4
1 16	5 16.26	+13 46.6	1.946	2.791	12.4	20.6

298074 2002 QW_{123} 12 16.9 83°.74 1°.4/16.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 10.68	+19 50.9	1.862	2.632	16.2	21.3
11 17	6 5.91	+19 41.1	1.795	2.654	12.9	21.1
11 27	5 58.46	+19 33.2	1.750	2.677	9.0	21.0
12 7	5 49.06	+19 27.0	1.730	2.699	4.7	20.8
12 17	5 38.72	+19 22.2	1.738	2.721	1.4	20.6
12 27	5 28.67	+19 19.5	1.776	2.742	4.8	20.8
1 6	5 20.04	+19 19.4	1.842	2.764	8.7	21.1
1 16	5 13.63	+19 22.8	1.934	2.784	12.2	21.4

481950 2009 DC_{14} 12 16.9 257°.81 0°.2/16.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 8.88	+24 7.5	2.026	2.795	15.1	22.3
11 17	6 4.83	+24 6.6	1.923	2.782	12.1	22.1
11 27	5 58.04	+24 4.5	1.841	2.768	8.5	21.8
12 7	5 49.04	+24 0.0	1.784	2.754	4.4	21.5
12 17	5 38.72	+23 52.1	1.756	2.740	0.2	21.2
12 27	5 28.28	+23 41.0	1.758	2.726	4.5	21.5
1 6	5 18.96	+23 28.1	1.788	2.711	8.8	21.7
1 16	5 11.74	+23 15.4	1.844	2.696	12.6	21.9

276363 2002 VD_{20} 12 16.9 64°.88 3°.4/16.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 12.56	+17 46.9	1.354	2.143	20.3	20.6
11 17	6 8.16	+17 7.4	1.299	2.168	16.2	20.4
11 27	6 0.36	+16 31.5	1.264	2.193	11.4	20.2
12 7	5 50.09	+16 1.0	1.251	2.219	6.4	20.0
12 17	5 38.72	+15 37.7	1.265	2.244	3.4	19.9
12 27	5 27.87	+15 23.2	1.306	2.269	6.6	20.2
1 6	5 18.97	+15 18.4	1.373	2.295	11.1	20.5
1 16	5 12.94	+15 23.3	1.463	2.320	15.1	20.8

393625 2004 FV_{28} 12 16.9 102°.89 19°.8/13.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 10.52	− 7 10.8	1.091	1.847	26.1	20.7
11 17	6 7.44	−10 25.7	1.043	1.851	23.7	20.5
11 27	6 0.48	−13 16.2	1.011	1.855	21.5	20.4
12 7	5 50.43	−15 25.6	0.995	1.859	20.1	20.3
12 17	5 38.71	−16 40.4	0.999	1.863	19.9	20.3
12 27	5 27.20	−16 54.6	1.020	1.867	20.9	20.4
1 6	5 17.68	−16 12.1	1.057	1.870	22.7	20.6
1 16	5 11.39	−14 43.7	1.110	1.874	24.8	20.7

408441 2013 HP_{21} 12 16.9 253°.10 0°.7/16.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.46	+24 24.2	2.156	2.921	14.4	22.4
11 17	6 4.34	+24 39.7	2.053	2.910	11.6	22.2
11 27	5 57.61	+24 55.2	1.972	2.899	8.1	22.0
12 7	5 48.80	+25 8.9	1.917	2.887	4.2	21.7
12 17	5 38.73	+25 19.1	1.891	2.875	0.7	21.4
12 27	5 28.53	+25 25.0	1.895	2.862	4.3	21.7
1 6	5 19.35	+25 27.1	1.928	2.850	8.3	21.9
1 16	5 12.16	+25 27.0	1.987	2.837	11.9	22.1

165575 2001 DR_{107} 12 16.9 354°.86 3°.3/16.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.74	+16 0.5	1.667	2.450	17.3	20.3
11 17	6 3.38	+15 39.9	1.584	2.448	14.0	20.0
11 27	5 57.12	+15 24.0	1.520	2.448	10.0	19.8
12 7	5 48.57	+15 14.3	1.481	2.447	5.8	19.6
12 17	5 38.73	+15 11.8	1.468	2.446	3.3	19.4
12 27	5 28.92	+15 17.1	1.484	2.446	6.0	19.6
1 6	5 20.43	+15 30.2	1.526	2.446	10.2	19.8
1 16	5 14.27	+15 50.7	1.592	2.447	14.2	20.1

420920 2013 NR_{4} 12 16.9 150°.91 1°.8/17.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.34	+29 51.4	2.367	3.125	13.5	21.6
11 17	6 3.86	+29 50.7	2.276	3.127	10.8	21.4
11 27	5 57.00	+29 45.0	2.208	3.129	7.7	21.2
12 7	5 48.35	+29 32.4	2.165	3.131	4.3	21.0
12 17	5 38.74	+29 12.1	2.152	3.133	1.8	20.9
12 27	5 29.23	+28 44.4	2.169	3.134	4.1	21.0
1 6	5 20.84	+28 11.7	2.216	3.136	7.5	21.3
1 16	5 14.35	+27 36.8	2.289	3.138	10.7	21.5

133576 2003 UE_{49} 12 16.9 33°.45 0°.7/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.52	+21 18.6	1.924	2.703	15.4	19.5
11 17	6 1.96	+21 20.3	1.848	2.713	12.3	19.3
11 27	5 55.85	+21 23.4	1.793	2.724	8.5	19.1
12 7	5 47.81	+21 27.1	1.764	2.735	4.4	18.9
12 17	5 38.75	+21 30.8	1.763	2.746	0.7	18.6
12 27	5 29.83	+21 34.5	1.790	2.758	4.4	19.0
1 6	5 22.14	+21 38.7	1.846	2.771	8.4	19.2
1 16	5 16.50	+21 44.2	1.926	2.784	12.0	19.5

8188 Okegaya 12 16.9 297°.97 2°.0/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 5.01	+15 54.9	2.282	3.046	13.7	17.3
11 17	6 1.32	+16 5.2	2.178	3.033	11.1	17.1
11 27	5 55.37	+16 21.1	2.097	3.020	7.9	16.9
12 7	5 47.61	+16 42.6	2.041	3.007	4.4	16.6
12 17	5 38.76	+17 9.2	2.014	2.995	2.0	16.4
12 27	5 29.76	+17 40.0	2.018	2.982	4.5	16.6
1 6	5 21.62	+18 14.1	2.050	2.970	8.1	16.8
1 16	5 15.16	+18 50.8	2.109	2.957	11.4	17.0

385666 2005 SH_{100} 12 16.9 125°.34 3°.9/17.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 15.31	+32 28.5	1.762	2.524	17.3	21.7
11 17	6 10.39	+33 0.5	1.685	2.535	14.0	21.5
11 27	6 2.07	+33 26.4	1.628	2.545	10.2	21.2
12 7	5 51.11	+33 41.4	1.596	2.556	6.3	21.0
12 17	5 38.73	+33 41.5	1.591	2.565	3.9	20.9
12 27	5 26.55	+33 26.1	1.615	2.574	6.1	21.1
1 6	5 16.10	+32 58.2	1.667	2.583	9.8	21.3
1 16	5 8.45	+32 22.9	1.743	2.591	13.5	21.6

56507 2000 GU_{178} 12 16.9 351°.48 4°.1/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 10.11	+29 22.2	1.383	2.177	19.7	19.4
11 17	6 7.34	+30 16.2	1.304	2.174	16.0	19.1
11 27	6 0.65	+31 8.8	1.243	2.172	11.6	18.9
12 7	5 50.69	+31 54.2	1.204	2.170	6.9	18.6
12 17	5 38.73	+32 26.2	1.191	2.169	4.1	18.4
12 27	5 26.69	+32 41.5	1.204	2.168	7.0	18.6
1 6	5 16.49	+32 41.3	1.243	2.167	11.7	18.9
1 16	5 9.55	+32 30.2	1.303	2.168	16.1	19.1

44506 1998 XS_{39} 12 16.9 53°.79 4°.6/17.9 18

11 7	6 15.07	+36 16.9	1.596	2.362	18.6	17.2
11 17	6 10.22	+36 17.4	1.536	2.386	15.2	17.1
11 27	6 1.80	+36 5.6	1.494	2.409	11.2	16.9
12 7	5 50.82	+35 37.4	1.477	2.434	7.1	16.7
12 17	5 38.74	+34 51.2	1.486	2.458	4.6	16.6
12 27	5 27.29	+33 49.2	1.523	2.482	6.3	16.8
1 6	5 17.96	+32 37.8	1.587	2.507	10.0	17.0
1 16	5 11.64	+31 24.1	1.676	2.532	13.5	17.3

80813 2000 CZ_{120} 12 16.9 90°.19 1°.9/17.0 18

11 7	6 12.86	+16 47.2	1.567	2.343	18.5	19.0
11 17	6 8.28	+17 5.0	1.499	2.360	14.8	18.8
11 27	6 0.50	+17 29.8	1.450	2.377	10.4	18.6
12 7	5 50.27	+18 0.8	1.426	2.394	5.6	18.3
12 17	5 38.75	+18 35.8	1.429	2.411	1.9	18.1
12 27	5 27.44	+19 13.1	1.460	2.427	5.5	18.4
1 6	5 17.75	+19 51.1	1.520	2.443	10.1	18.7
1 16	5 10.70	+20 29.3	1.604	2.459	14.1	19.0

390588 2001 RF_{66} 12 16.9 110°.93 5°.6/16.4 18

11 7	6 8.80	+ 5 48.5	2.602	3.327	13.2	22.1
11 17	6 3.44	+ 4 59.1	2.536	3.355	10.9	21.9
11 27	5 56.26	+ 4 18.0	2.493	3.381	8.5	21.8
12 7	5 47.81	+ 3 47.8	2.477	3.407	6.4	21.7
12 17	5 38.77	+ 3 30.4	2.490	3.432	5.6	21.7
12 27	5 29.95	+ 3 26.8	2.534	3.457	6.6	21.8
1 6	5 22.07	+ 3 36.5	2.606	3.480	8.6	22.0
1 16	5 15.72	+ 3 58.0	2.704	3.503	10.7	22.2

50424 2000 DQ_{13} 12 16.9 102°.85 1°.1/16.9 18

11 7	6 8.66	+20 53.4	1.932	2.704	15.6	19.2
11 17	6 4.44	+20 44.7	1.851	2.712	12.5	19.0
11 27	5 57.58	+20 36.8	1.791	2.719	8.7	18.8
12 7	5 48.71	+20 29.6	1.757	2.726	4.5	18.6
12 17	5 38.76	+20 22.9	1.751	2.734	1.1	18.4
12 27	5 28.94	+20 17.1	1.774	2.741	4.6	18.6
1 6	5 20.38	+20 13.2	1.825	2.748	8.7	18.9
1 16	5 13.95	+20 12.2	1.903	2.755	12.3	19.1

166370 2002 LG_{29} 12 16.9 83°.81 0°.1/16.9 18

11 7	6 12.48	+20 25.8	1.860	2.626	16.4	19.1
11 17	6 7.50	+21 2.1	1.791	2.648	13.0	18.9
11 27	5 59.71	+21 42.1	1.744	2.670	9.0	18.7
12 7	5 49.79	+22 23.6	1.722	2.692	4.6	18.5
12 17	5 38.77	+23 3.6	1.730	2.714	0.1	18.2
12 27	5 27.94	+23 40.1	1.767	2.735	4.5	18.6
1 6	5 18.52	+24 12.4	1.833	2.756	8.7	18.9
1 16	5 11.41	+24 41.0	1.926	2.776	12.3	19.2

220398 2003 RC_{11} 12 16.9 31°.29 0°.5/16.9 17

11 7	6 6.52	+24 17.5	1.702	2.488	16.9	19.1
11 17	6 3.00	+23 48.4	1.634	2.503	13.4	18.9
11 27	5 56.65	+23 16.4	1.588	2.520	9.3	18.7
12 7	5 48.22	+22 41.7	1.565	2.537	4.7	18.5
12 17	5 38.81	+22 5.2	1.570	2.554	0.5	18.2
12 27	5 29.71	+21 29.1	1.604	2.572	4.8	18.6
1 6	5 22.11	+20 55.9	1.664	2.591	9.1	18.9
1 16	5 16.83	+20 28.1	1.750	2.611	12.8	19.2

288392 2004 CU_{88} 12 16.9 62°.77 0°.4/16.9 18

11 7	6 8.92	+20 46.8	1.780	2.557	16.6	20.6
11 17	6 4.97	+21 5.8	1.702	2.566	13.2	20.4
11 27	5 58.15	+21 27.9	1.645	2.574	9.2	20.1
12 7	5 49.10	+21 51.6	1.612	2.583	4.7	19.9
12 17	5 38.82	+22 15.0	1.608	2.592	0.4	19.6
12 27	5 28.62	+22 37.0	1.632	2.601	4.8	19.9
1 6	5 19.77	+22 57.2	1.684	2.610	9.1	20.2
1 16	5 13.24	+23 16.3	1.762	2.619	12.9	20.5

491387 2012 CQ_{6} 12 16.9 337°.71 0°.5/17.0 17

11 7	6 7.07	+25 30.3	1.865	2.643	15.9	21.4
11 17	6 3.54	+25 24.6	1.775	2.639	12.7	21.2
11 27	5 57.19	+25 16.3	1.706	2.635	8.9	21.0
12 7	5 48.63	+25 4.0	1.662	2.632	4.6	20.7
12 17	5 38.83	+24 47.2	1.645	2.629	0.5	20.4
12 27	5 29.07	+24 26.5	1.658	2.626	4.6	20.7
1 6	5 20.59	+24 3.9	1.698	2.624	9.0	20.9
1 16	5 14.36	+23 42.1	1.763	2.622	12.8	21.2

58266 1993 TN_{15} 12 16.9 10°.03 1°.0/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 6.24	+24 34.9	1.238	2.049	20.6	18.8
11 17	6 4.24	+24 51.8	1.168	2.051	16.5	18.6
11 27	5 58.41	+25 8.9	1.115	2.053	11.6	18.3
12 7	5 49.49	+25 23.4	1.085	2.057	6.1	18.0
12 17	5 38.82	+25 32.7	1.078	2.062	1.0	17.7
12 27	5 28.28	+25 35.8	1.097	2.068	6.0	18.1
1 6	5 19.65	+25 34.1	1.141	2.075	11.5	18.4
1 16	5 14.20	+25 30.5	1.206	2.083	16.2	18.7

258682 2002 EK_{154} 12 16.9 293°.68 0°.0/16.9 18

11 7	6 6.58	+23 46.9	2.037	2.810	14.9	21.4
11 17	6 3.05	+23 42.6	1.929	2.791	12.0	21.2
11 27	5 56.86	+23 37.3	1.843	2.772	8.4	20.9
12 7	5 48.51	+23 29.9	1.783	2.753	4.4	20.6
12 17	5 38.84	+23 19.8	1.750	2.734	0.0	20.2
12 27	5 29.00	+23 7.2	1.747	2.715	4.5	20.6
1 6	5 20.21	+22 53.5	1.772	2.697	8.8	20.8
1 16	5 13.45	+22 40.7	1.822	2.678	12.6	21.0

322480 2011 UK_{221} 12 16.9 167°.87 1°.5/17.0 18

11 7	6 10.55	+26 43.9	2.012	2.777	15.3	21.8
11 17	6 6.12	+27 3.9	1.923	2.779	12.3	21.6
11 27	5 58.90	+27 22.3	1.856	2.781	8.7	21.4
12 7	5 49.48	+27 36.4	1.815	2.783	4.7	21.1
12 17	5 38.83	+27 43.9	1.802	2.784	1.5	20.9
12 27	5 28.20	+27 44.2	1.818	2.785	4.6	21.1
1 6	5 18.83	+27 38.4	1.864	2.786	8.6	21.4
1 16	5 11.68	+27 29.0	1.935	2.786	12.2	21.6

325390 2008 UA_{69} 12 16.9 124°.78 0°.9/16.9 18

11 7	6 6.28	+19 37.5	2.788	3.540	11.8	21.1
11 17	6 1.66	+19 40.0	2.704	3.554	9.4	20.9
11 27	5 55.19	+19 44.2	2.644	3.567	6.5	20.8
12 7	5 47.37	+19 49.6	2.611	3.579	3.4	20.6
12 17	5 38.85	+19 55.8	2.609	3.592	0.9	20.4
12 27	5 30.41	+20 2.9	2.638	3.604	3.5	20.6
1 6	5 22.81	+20 10.8	2.697	3.615	6.5	20.8
1 16	5 16.65	+20 20.1	2.784	3.626	9.2	21.0

397984 2009 BS_{86} 12 16.9 277°.35 2°.0/16.9 18

11 7	6 7.76	+18 6.6	1.808	2.585	16.4	21.7
11 17	6 4.11	+18 0.7	1.717	2.579	13.2	21.5
11 27	5 57.63	+17 58.5	1.646	2.574	9.4	21.3
12 7	5 48.90	+18 0.2	1.600	2.568	5.1	21.0
12 17	5 38.86	+18 5.6	1.581	2.563	2.0	20.8
12 27	5 28.75	+18 14.9	1.591	2.557	5.2	21.0
1 6	5 19.86	+18 28.0	1.629	2.552	9.6	21.2
1 16	5 13.18	+18 45.2	1.691	2.546	13.5	21.4

457449 2008 UE_{143} 12 16.9 191°.75 2°.9/16.5 18

11 7	6 4.40	+15 18.0	2.612	3.369	12.4	21.7
11 17	6 0.33	+14 41.7	2.519	3.368	10.0	21.5
11 27	5 54.37	+14 7.6	2.449	3.367	7.2	21.3
12 7	5 47.00	+13 37.4	2.406	3.366	4.4	21.1
12 17	5 38.87	+13 12.3	2.392	3.365	3.0	21.0
12 27	5 30.78	+12 53.9	2.409	3.364	4.7	21.1
1 6	5 23.52	+12 42.8	2.455	3.363	7.5	21.3
1 16	5 17.71	+12 39.4	2.528	3.362	10.3	21.5

319331 2006 BA_{206} 12 16.9 61°.62 4°.0/16.9 16

11 7	6 10.53	+14 12.9	1.461	2.244	19.3	20.8
11 17	6 6.41	+13 54.2	1.402	2.266	15.5	20.6
11 27	5 59.15	+13 43.3	1.363	2.289	11.1	20.4
12 7	5 49.56	+13 41.6	1.347	2.311	6.6	20.2
12 17	5 38.85	+13 49.9	1.358	2.334	4.0	20.1
12 27	5 28.51	+14 7.7	1.396	2.357	6.6	20.3
1 6	5 19.88	+14 33.9	1.460	2.380	10.7	20.6
1 16	5 13.86	+15 7.1	1.548	2.403	14.5	20.9

382682 2002 UK_{51} 12 16.9 101°.75 1°.6/16.7 18

11 7	6 16.09	+21 42.5	1.709	2.475	17.6	21.5
11 17	6 10.33	+21 6.2	1.644	2.501	14.0	21.3
11 27	6 1.59	+20 28.8	1.600	2.526	9.7	21.1
12 7	5 50.70	+19 50.8	1.582	2.551	5.1	20.9
12 17	5 38.86	+19 13.3	1.592	2.574	1.6	20.7
12 27	5 27.48	+18 38.7	1.632	2.598	5.2	21.0
1 6	5 17.81	+18 9.5	1.701	2.620	9.5	21.3
1 16	5 10.70	+17 47.6	1.795	2.641	13.2	21.5

143723 2003 UW_{199} 12 16.9 91°.08 0°.6/16.9 18

11 7	6 6.82	+21 27.0	2.363	3.125	13.4	20.3
11 17	6 2.46	+21 27.6	2.283	3.138	10.6	20.1
11 27	5 55.94	+21 28.8	2.226	3.152	7.4	20.0
12 7	5 47.82	+21 30.2	2.195	3.165	3.8	19.8
12 17	5 38.87	+21 31.3	2.194	3.178	0.6	19.5
12 27	5 30.04	+21 32.0	2.224	3.191	3.8	19.8
1 6	5 22.24	+21 33.1	2.282	3.204	7.3	20.1
1 16	5 16.16	+21 35.2	2.368	3.216	10.4	20.3

354498 2004 KG_6 12 16.9 218°.67 0°.4/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 8.30	+21 34.3	2.447	3.204	13.1	21.9
11 17	6 3.78	+21 40.3	2.344	3.197	10.5	21.7
11 27	5 57.00	+21 47.2	2.264	3.188	7.4	21.5
12 7	5 48.45	+21 54.4	2.211	3.180	3.8	21.3
12 17	5 38.87	+22 0.8	2.187	3.171	0.4	21.0
12 27	5 29.21	+22 6.3	2.194	3.161	3.9	21.3
1 6	5 20.45	+22 11.1	2.231	3.151	7.5	21.5
1 16	5 13.38	+22 16.3	2.296	3.141	10.8	21.7

247898 2003 UV_{246} 12 16.9 59°.71 5°.1/16.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.96	+14 11.0	1.602	2.381	18.1	20.1
11 17	6 4.86	+13 5.4	1.540	2.400	14.6	20.0
11 27	5 57.90	+12 4.4	1.498	2.419	10.6	19.8
12 7	5 48.87	+11 11.7	1.480	2.439	6.8	19.6
12 17	5 38.87	+10 30.8	1.489	2.459	5.1	19.5
12 27	5 29.22	+10 4.4	1.526	2.479	7.2	19.7
1 6	5 21.10	+ 9 53.2	1.590	2.498	10.8	20.0
1 16	5 15.35	+ 9 56.3	1.677	2.519	14.2	20.2

413169 2002 QL_{81} 12 16.9 35°.51 12°.5/18.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 4.21	−12 51.2	2.037	2.715	17.7	20.3
11 17	6 0.57	−13 50.9	1.981	2.728	16.0	20.2
11 27	5 54.69	−14 27.8	1.941	2.742	14.4	20.1
12 7	5 47.19	−14 36.3	1.922	2.756	13.1	20.1
12 17	5 38.88	−14 13.0	1.925	2.770	12.5	20.1
12 27	5 30.74	−13 17.5	1.950	2.786	12.8	20.1
1 6	5 23.70	−11 53.7	1.999	2.801	13.8	20.2
1 16	5 18.46	−10 7.7	2.069	2.817	15.2	20.4

515150 2011 KP_{27} 12 16.9 217°.35 0°.1/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 11.66	+23 28.1	2.007	2.771	15.4	23.0
11 17	6 7.02	+23 25.4	1.907	2.763	12.4	22.7
11 27	5 59.57	+23 22.0	1.829	2.755	8.7	22.5
12 7	5 49.88	+23 16.5	1.776	2.746	4.5	22.2
12 17	5 38.87	+23 8.1	1.752	2.736	0.1	21.8
12 27	5 27.79	+22 56.9	1.759	2.726	4.6	22.2
1 6	5 17.89	+22 44.4	1.794	2.716	8.9	22.4
1 16	5 10.18	+22 32.7	1.855	2.704	12.7	22.7

270797 2002 RF_{234} 12 16.9 258°.48 5°.9/16.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 3.80	+ 5 15.7	2.538	3.275	13.2	20.7
11 17	5 59.99	+ 4 38.1	2.437	3.263	11.1	20.5
11 27	5 54.24	+ 4 8.9	2.359	3.251	8.8	20.3
12 7	5 47.00	+ 3 51.0	2.306	3.238	6.7	20.2
12 17	5 38.89	+ 3 46.4	2.281	3.225	5.9	20.1
12 27	5 30.71	+ 3 56.6	2.285	3.213	6.9	20.1
1 6	5 23.27	+ 4 20.9	2.317	3.200	9.1	20.3
1 16	5 17.26	+ 4 57.8	2.375	3.187	11.6	20.4

252674 2002 AQ_{69} 12 16.9 8°.48 0°.5/17.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.18	+26 50.4	1.663	2.449	17.2	20.0
11 17	6 3.89	+26 25.2	1.581	2.450	13.8	19.7
11 27	5 57.53	+25 54.5	1.520	2.451	9.7	19.5
12 7	5 48.83	+25 17.5	1.483	2.453	5.0	19.2
12 17	5 38.87	+24 34.7	1.472	2.456	0.5	18.9
12 27	5 29.11	+23 48.4	1.490	2.460	5.0	19.2
1 6	5 20.86	+23 2.1	1.536	2.464	9.6	19.5
1 16	5 15.10	+22 19.8	1.605	2.468	13.6	19.8

180013 2002 YV_{26} 12 16.9 294°.94 2°.9/17.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.09	+13 34.4	1.928	2.694	15.9	19.9
11 17	6 4.48	+13 52.7	1.813	2.667	13.0	19.7
11 27	5 58.07	+14 20.7	1.718	2.640	9.5	19.4
12 7	5 49.28	+14 59.2	1.649	2.613	5.6	19.1
12 17	5 38.88	+15 47.3	1.607	2.586	2.9	18.9
12 27	5 28.05	+16 43.2	1.595	2.559	5.6	19.0
1 6	5 18.09	+17 44.5	1.612	2.532	9.8	19.2
1 16	5 10.15	+18 49.0	1.654	2.505	13.9	19.4

198816 2005 EZ_{222} 12 16.9 334°.03 2°.9/16.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 3.36	+15 46.3	2.053	2.827	14.7	19.8
11 17	6 0.22	+15 27.8	1.958	2.819	11.9	19.6
11 27	5 54.71	+15 13.4	1.886	2.811	8.6	19.4
12 7	5 47.35	+15 4.2	1.838	2.803	5.0	19.2
12 17	5 38.92	+15 1.2	1.818	2.796	2.9	19.0
12 27	5 30.44	+15 4.9	1.827	2.789	5.2	19.2
1 6	5 22.95	+15 15.6	1.864	2.782	8.8	19.4
1 16	5 17.28	+15 32.8	1.926	2.776	12.3	19.6

30966 1994 XN_1 12 16.9 285°.29 2°.0/17.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 10.42	+26 25.3	1.592	2.375	18.0	19.6
11 17	6 7.01	+26 53.6	1.500	2.367	14.5	19.4
11 27	6 0.14	+27 21.7	1.429	2.358	10.3	19.1
12 7	5 50.40	+27 45.8	1.381	2.350	5.6	18.8
12 17	5 38.90	+28 2.6	1.360	2.342	2.0	18.6
12 27	5 27.25	+28 10.0	1.367	2.334	5.7	18.8
1 6	5 17.10	+28 9.1	1.400	2.326	10.5	19.0
1 16	5 9.72	+28 2.9	1.457	2.318	14.9	19.3

413721 2006 BF_{67} 12 16.9 107°.32 3°.2/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 6.25	+12 39.7	2.354	3.108	13.6	21.3
11 17	6 1.98	+12 35.7	2.271	3.118	11.0	21.1
11 27	5 55.61	+12 38.0	2.211	3.127	8.0	21.0
12 7	5 47.69	+12 47.5	2.177	3.136	4.9	20.8
12 17	5 38.92	+13 4.4	2.172	3.145	3.2	20.7
12 27	5 30.22	+13 28.3	2.197	3.154	4.9	20.8
1 6	5 22.45	+13 58.3	2.251	3.162	7.9	21.0
1 16	5 16.32	+14 33.3	2.332	3.171	10.8	21.2

75114 1999 VJ_{58} 12 16.9 196°.54 1°.4/17.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 13.53	+25 44.7	1.811	2.578	16.7	19.0
11 17	6 8.92	+26 8.0	1.719	2.576	13.4	18.8
11 27	6 1.13	+26 30.9	1.648	2.574	9.5	18.6
12 7	5 50.78	+26 50.2	1.602	2.571	5.1	18.3
12 17	5 38.91	+27 3.2	1.584	2.567	1.4	18.0
12 27	5 26.97	+27 8.4	1.596	2.563	5.1	18.3
1 6	5 16.43	+27 6.9	1.636	2.558	9.6	18.5
1 16	5 8.41	+27 1.5	1.701	2.553	13.6	18.8

510073 2010 JF_{88} 12 16.9 33°.11 10°.6/20.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	7 2.23	− 6 6.9	0.662	1.395	40.6	19.9
11 17	6 44.67	− 4 30.4	0.675	1.493	32.1	19.9
11 27	6 23.18	− 2 18.0	0.701	1.590	23.4	19.8
12 7	6 0.27	+ 0 24.4	0.747	1.685	15.5	19.9
12 17	5 38.88	+ 3 21.6	0.820	1.777	10.9	20.0
12 27	5 21.41	+ 6 16.8	0.919	1.866	11.7	20.4
1 6	5 9.01	+ 8 58.2	1.045	1.952	15.3	20.9
1 16	5 1.69	+11 21.1	1.193	2.036	18.7	21.4

27681 1981 EG_{10} 12 16.9 40°.94 0°.6/17.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.44	+25 48.6	1.837	2.614	16.2	18.7
11 17	6 4.59	+25 42.6	1.755	2.618	12.9	18.5
11 27	5 57.89	+25 33.6	1.693	2.622	9.0	18.2
12 7	5 48.99	+25 20.5	1.656	2.626	4.7	18.0
12 17	5 38.92	+25 2.4	1.647	2.631	0.6	17.7
12 27	5 28.98	+24 40.1	1.667	2.636	4.6	18.0
1 6	5 20.42	+24 16.0	1.715	2.640	8.9	18.3
1 16	5 14.15	+23 52.7	1.788	2.645	12.7	18.5

271596 2004 ND_{33} 12 16.9 133°.20 1°.1/17.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 13.78	+26 52.3	1.983	2.743	15.7	21.1
11 17	6 8.51	+26 53.0	1.903	2.756	12.5	20.9
11 27	6 0.43	+26 50.4	1.845	2.769	8.8	20.7
12 7	5 50.22	+26 42.5	1.813	2.781	4.6	20.5
12 17	5 38.93	+26 28.1	1.810	2.793	1.1	20.3
12 27	5 27.84	+26 7.6	1.837	2.804	4.5	20.6
1 6	5 18.19	+25 43.3	1.893	2.814	8.5	20.8
1 16	5 10.85	+25 18.4	1.975	2.824	12.1	21.1

427462 2001 TW_{132} 12 16.9 92°.86 3°.2/17.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 18.59	+32 27.6	1.755	2.511	17.6	20.9
11 17	6 12.58	+32 33.9	1.692	2.539	14.1	20.8
11 27	6 3.29	+32 32.1	1.649	2.567	10.1	20.6
12 7	5 51.63	+32 18.5	1.632	2.594	6.0	20.4
12 17	5 38.93	+31 51.2	1.643	2.620	3.2	20.3
12 27	5 26.77	+31 11.5	1.683	2.645	5.5	20.5
1 6	5 16.54	+30 23.9	1.752	2.670	9.3	20.8
1 16	5 9.13	+29 33.8	1.846	2.695	12.8	21.0

409081 2003 SB_{326} 12 16.9 34°.07 12°.7/15.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 3.42	−10 33.8	2.095	2.785	17.0	21.1
11 17	5 59.97	−12 27.2	2.037	2.791	15.4	21.0
11 27	5 54.34	−14 2.0	1.997	2.799	14.0	20.9
12 7	5 47.07	−15 11.1	1.978	2.806	13.0	20.9
12 17	5 38.95	−15 49.2	1.982	2.814	12.8	20.9
12 27	5 30.94	−15 54.0	2.008	2.823	13.3	20.9
1 6	5 23.93	−15 27.1	2.055	2.831	14.4	21.0
1 16	5 18.65	−14 33.1	2.122	2.840	15.8	21.2

492828 2014 QR_{290} 12 16.9 304°.55 3°.1/17.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.59	+12 56.5	2.153	2.913	14.6	21.7
11 17	6 2.59	+13 0.8	2.063	2.913	11.8	21.5
11 27	5 56.26	+13 12.5	1.995	2.913	8.6	21.3
12 7	5 48.13	+13 32.2	1.952	2.913	5.2	21.1
12 17	5 38.96	+13 59.8	1.938	2.913	3.1	21.0
12 27	5 29.76	+14 34.6	1.953	2.913	5.1	21.1
1 6	5 21.54	+15 15.0	1.998	2.913	8.5	21.3
1 16	5 15.11	+15 59.8	2.068	2.913	11.8	21.5

164494 2006 FY_{52} 12 16.9 148°.57 0°.5/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 10.51	+21 49.4	2.053	2.817	15.1	21.3
11 17	6 5.84	+21 49.4	1.967	2.824	12.0	21.2
11 27	5 58.57	+21 49.9	1.904	2.830	8.4	20.9
12 7	5 49.31	+21 50.2	1.866	2.836	4.3	20.7
12 17	5 38.96	+21 49.5	1.858	2.842	0.5	20.4
12 27	5 28.70	+21 47.9	1.879	2.847	4.4	20.7
1 6	5 19.65	+21 46.2	1.930	2.852	8.4	21.0
1 16	5 12.67	+21 45.6	2.007	2.856	11.9	21.2

44671 1999 RE_{184} 12 16.9 84°.70 5°.7/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 10.78	+10 53.2	1.457	2.235	19.6	19.5
11 17	6 6.76	+10 21.1	1.391	2.248	16.0	19.2
11 27	5 59.54	+ 9 59.2	1.343	2.262	11.9	19.0
12 7	5 49.88	+ 9 50.5	1.319	2.275	7.8	18.8
12 17	5 38.96	+ 9 56.9	1.320	2.288	5.7	18.8
12 27	5 28.28	+10 18.4	1.348	2.302	7.8	18.9
1 6	5 19.22	+10 53.5	1.402	2.315	11.6	19.2
1 16	5 12.79	+11 39.1	1.479	2.327	15.4	19.4

262125 2006 SW_{29} 12 16.9 228°.92 1°.2/17.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 13.10	+27 15.8	1.558	2.337	18.5	21.0
11 17	6 9.09	+27 8.2	1.468	2.332	14.9	20.7
11 27	6 1.52	+26 55.8	1.398	2.327	10.6	20.4
12 7	5 51.07	+26 36.3	1.352	2.322	5.6	20.1
12 17	5 38.96	+26 8.3	1.333	2.316	1.2	19.8
12 27	5 26.88	+25 32.7	1.341	2.310	5.5	20.1
1 6	5 16.48	+24 53.2	1.377	2.304	10.6	20.4
1 16	5 8.98	+24 14.6	1.437	2.297	15.1	20.6

136700 1995 SM_{79} 12 16.9 188°.78 0°.7/17.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 11.94	+25 7.5	1.587	2.368	18.1	20.9
11 17	6 7.98	+25 12.1	1.502	2.368	14.6	20.7
11 27	6 0.64	+25 15.1	1.437	2.367	10.3	20.4
12 7	5 50.58	+25 14.5	1.396	2.367	5.4	20.1
12 17	5 38.97	+25 8.3	1.382	2.366	0.7	19.8
12 27	5 27.40	+24 56.6	1.397	2.365	5.3	20.1
1 6	5 17.42	+24 41.4	1.438	2.364	10.2	20.4
1 16	5 10.21	+24 25.8	1.503	2.363	14.6	20.7

348766 2006 JW_{34} 12 16.9 313°.74 5°.2/15.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 7.73	+14 49.3	1.696	2.473	17.2	20.1
11 17	6 4.09	+13 34.4	1.610	2.470	14.1	19.9
11 27	5 57.60	+12 20.7	1.545	2.466	10.4	19.7
12 7	5 48.90	+11 12.2	1.504	2.462	6.8	19.5
12 17	5 38.98	+10 13.4	1.491	2.459	5.2	19.4
12 27	5 29.13	+ 9 28.4	1.505	2.456	7.5	19.5
1 6	5 20.60	+ 8 59.5	1.546	2.453	11.2	19.7
1 16	5 14.34	+ 8 47.2	1.611	2.450	14.8	19.9

402737 2006 WX_{169} 12 16.9 169°.44 0°.9/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.61	+21 39.8	2.460	3.216	13.1	21.5
11 17	6 3.85	+21 22.9	2.368	3.219	10.4	21.3
11 27	5 56.94	+21 5.5	2.298	3.222	7.3	21.1
12 7	5 48.40	+20 47.5	2.256	3.225	3.8	20.9
12 17	5 38.99	+20 29.0	2.244	3.227	0.9	20.6
12 27	5 29.65	+20 11.0	2.263	3.229	3.9	20.9
1 6	5 21.29	+19 54.7	2.311	3.230	7.4	21.1
1 16	5 14.63	+19 41.4	2.387	3.230	10.5	21.3

137157 1999 EW_{10} 12 16.9 6°.96 2°.7/16.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.52	+17 10.2	1.872	2.648	15.9	20.6
11 17	6 2.91	+16 49.2	1.786	2.648	12.8	20.4
11 27	5 56.67	+16 31.4	1.722	2.648	9.1	20.2
12 7	5 48.39	+16 17.9	1.682	2.648	5.2	20.0
12 17	5 38.99	+16 9.4	1.670	2.649	2.7	19.8
12 27	5 29.62	+16 6.8	1.686	2.650	5.4	20.0
1 6	5 21.45	+16 10.6	1.731	2.651	9.3	20.2
1 16	5 15.35	+16 20.8	1.800	2.652	12.9	20.5

317884 2003 UK_{122} 12 16.9 36°.68 3°.8/16.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 4.78	+14 47.9	2.092	2.861	14.7	19.9
11 17	6 1.10	+14 2.8	2.012	2.867	11.8	19.7
11 27	5 55.15	+13 20.8	1.953	2.873	8.6	19.5
12 7	5 47.51	+12 44.3	1.920	2.880	5.4	19.4
12 17	5 38.99	+12 15.4	1.914	2.886	3.8	19.3
12 27	5 30.59	+11 55.8	1.938	2.893	5.7	19.4
1 6	5 23.26	+11 46.4	1.990	2.900	8.9	19.6
1 16	5 17.72	+11 47.1	2.067	2.908	12.0	19.8

87232 2000 OC_{43} 12 16.9 116°.59 5°.1/16.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 11.01	+ 9 55.9	2.004	2.754	15.9	20.3
11 17	6 5.93	+ 9 22.0	1.934	2.774	12.9	20.1
11 27	5 58.43	+ 8 56.2	1.885	2.793	9.7	19.9
12 7	5 49.15	+ 8 40.8	1.861	2.811	6.6	19.8
12 17	5 38.99	+ 8 37.3	1.866	2.829	5.1	19.7
12 27	5 29.05	+ 8 46.4	1.900	2.846	6.6	19.9
1 6	5 20.34	+ 9 7.2	1.963	2.863	9.6	20.1
1 16	5 13.62	+ 9 38.1	2.051	2.879	12.6	20.3

795 Fini 12 16.9 247°.78 8°.9/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 17.23	+45 48.7	2.190	2.905	15.6	14.9
11 17	6 12.54	+47 14.5	2.098	2.896	13.6	14.7
11 27	6 4.14	+48 30.6	2.026	2.888	11.4	14.5
12 7	5 52.58	+49 28.8	1.978	2.879	9.6	14.4
12 17	5 38.98	+50 1.8	1.956	2.870	8.9	14.3
12 27	5 25.10	+50 6.0	1.961	2.861	9.6	14.4
1 6	5 12.77	+49 42.9	1.991	2.851	11.5	14.5
1 16	5 3.42	+48 58.8	2.045	2.841	13.8	14.6

148497 2001 MM_{10} 12 16.9 162°.17 2°.9/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 11.08	+15 34.6	1.788	2.556	16.9	20.9
11 17	6 6.65	+15 29.2	1.704	2.560	13.6	20.7
11 27	5 59.36	+15 29.7	1.640	2.563	9.7	20.5
12 7	5 49.81	+15 36.7	1.601	2.566	5.6	20.2
12 17	5 39.00	+15 50.0	1.590	2.569	2.9	20.1
12 27	5 28.21	+16 9.4	1.608	2.571	5.6	20.2
1 6	5 18.72	+16 34.2	1.654	2.573	9.8	20.5
1 16	5 11.52	+17 3.6	1.725	2.574	13.6	20.7

10038 Tanaro 12 16.9 188°.62 2°.1/17.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 15.07	+27 23.3	1.593	2.367	18.3	18.5
11 17	6 10.65	+27 47.0	1.507	2.367	14.8	18.3
11 27	6 2.63	+28 8.7	1.440	2.366	10.6	18.0
12 7	5 51.68	+28 24.5	1.397	2.365	5.8	17.8
12 17	5 39.00	+28 30.9	1.382	2.363	2.1	17.5
12 27	5 26.31	+28 26.7	1.395	2.361	5.7	17.7
1 6	5 15.29	+28 13.7	1.435	2.358	10.5	18.0
1 16	5 7.21	+27 56.0	1.499	2.355	14.8	18.3

280631 2004 XN_{145} 12 16.9 297°.22 3°.0/17.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.61	+33 15.4	2.236	2.993	14.2	20.2
11 17	6 4.53	+33 15.2	2.134	2.981	11.6	20.0
11 27	5 57.80	+33 7.5	2.053	2.969	8.5	19.8
12 7	5 49.00	+32 49.6	1.997	2.958	5.2	19.6
12 17	5 39.03	+32 20.0	1.970	2.946	3.0	19.4
12 27	5 29.07	+31 38.9	1.973	2.935	4.9	19.5
1 6	5 20.29	+30 49.5	2.004	2.923	8.3	19.7
1 16	5 13.59	+29 55.9	2.062	2.912	11.6	19.9

292640 2006 UZ_{34} 12 16.9 50°.35 3°.9/16.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.25	+15 56.2	1.614	2.395	17.8	20.3
11 17	6 4.34	+15 12.2	1.553	2.417	14.3	20.1
11 27	5 57.59	+14 32.4	1.513	2.439	10.2	19.9
12 7	5 48.79	+13 59.2	1.497	2.461	6.1	19.7
12 17	5 39.03	+13 34.6	1.508	2.483	3.9	19.6
12 27	5 29.62	+13 20.3	1.547	2.506	6.3	19.8
1 6	5 21.73	+13 16.8	1.612	2.529	10.1	20.1
1 16	5 16.18	+13 23.6	1.702	2.552	13.6	20.4

293860 2007 RD_{244} 12 16.9 90°.39 6°.1/16.9 15

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 10.64	+ 7 0.7	1.962	2.707	16.3	21.4
11 17	6 5.56	+ 6 20.0	1.902	2.735	13.4	21.3
11 27	5 58.11	+ 5 49.7	1.863	2.762	10.3	21.1
12 7	5 48.96	+ 5 32.7	1.849	2.789	7.4	21.0
12 17	5 39.03	+ 5 31.1	1.863	2.816	6.1	21.0
12 27	5 29.41	+ 5 45.0	1.906	2.842	7.4	21.1
1 6	5 21.06	+ 6 13.1	1.976	2.867	10.0	21.3
1 16	5 14.70	+ 6 52.8	2.071	2.892	12.7	21.5

436982 2012 TO_{199} 12 16.9 112°.53 0°.7/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 13.04	+21 12.0	1.803	2.571	16.7	22.1
11 17	6 8.08	+21 13.5	1.730	2.588	13.3	21.9
11 27	6 0.23	+21 16.5	1.678	2.604	9.3	21.7
12 7	5 50.19	+21 19.9	1.651	2.620	4.8	21.5
12 17	5 39.03	+21 22.6	1.652	2.636	0.7	21.2
12 27	5 28.09	+21 24.7	1.683	2.651	4.8	21.6
1 6	5 18.63	+21 26.9	1.743	2.665	9.1	21.8
1 16	5 11.54	+21 30.5	1.828	2.679	12.8	22.1

263574 2008 FV_{79} 12 16.9 172°.98 3°.0/16.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.53	+15 55.0	2.086	2.853	14.8	20.9
11 17	6 2.61	+15 28.1	1.998	2.853	11.9	20.7
11 27	5 56.30	+15 4.4	1.931	2.854	8.6	20.5
12 7	5 48.18	+14 45.4	1.890	2.854	5.1	20.3
12 17	5 39.05	+14 32.2	1.878	2.854	3.0	20.2
12 27	5 29.96	+14 25.9	1.894	2.854	5.3	20.3
1 6	5 21.93	+14 27.0	1.939	2.854	8.8	20.5
1 16	5 15.76	+14 35.4	2.010	2.854	12.1	20.7

104491 2000 GK_{30} 12 16.9 64°.38 1°.1/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 8.46	+20 59.2	1.801	2.578	16.4	20.1
11 17	6 4.51	+20 48.6	1.725	2.589	13.1	19.9
11 27	5 57.79	+20 38.9	1.670	2.599	9.1	19.7
12 7	5 48.97	+20 29.9	1.640	2.610	4.8	19.5
12 17	5 39.05	+20 21.6	1.637	2.620	1.1	19.2
12 27	5 29.30	+20 14.4	1.663	2.631	4.8	19.5
1 6	5 20.90	+20 9.5	1.717	2.642	9.0	19.8
1 16	5 14.75	+20 8.1	1.797	2.653	12.7	20.0

414636 2009 VR_{42} 12 16.9 19°.65 2°.1/17.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.60	+27 26.0	1.781	2.563	16.4	20.8
11 17	6 3.38	+27 54.8	1.704	2.569	13.1	20.6
11 27	5 57.22	+28 21.8	1.647	2.576	9.3	20.4
12 7	5 48.77	+28 43.9	1.615	2.583	5.1	20.1
12 17	5 39.06	+28 58.3	1.610	2.592	2.1	19.9
12 27	5 29.44	+29 4.0	1.634	2.601	5.0	20.2
1 6	5 21.21	+29 2.2	1.684	2.610	9.1	20.4
1 16	5 15.34	+28 55.4	1.760	2.620	12.8	20.7

58985 1998 RL_{72} 12 16.9 10°.86 4°.1/17.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 10.16	+30 18.1	1.321	2.117	20.3	18.5
11 17	6 7.52	+30 58.5	1.247	2.118	16.5	18.3
11 27	6 0.87	+31 34.9	1.191	2.120	12.0	18.0
12 7	5 50.92	+32 1.7	1.157	2.122	7.2	17.8
12 17	5 39.05	+32 13.7	1.147	2.125	4.1	17.6
12 27	5 27.26	+32 8.9	1.164	2.128	7.0	17.8
1 6	5 17.47	+31 50.2	1.205	2.132	11.7	18.1
1 16	5 11.03	+31 23.2	1.269	2.137	16.1	18.3

380967 2006 QT_{161} 12 16.9 79°.64 3°.1/17.3 18

11 7	6 19.13	+30 9.4	1.443	2.216	20.0	21.5
11 17	6 13.66	+30 30.6	1.387	2.246	16.0	21.3
11 27	6 4.41	+30 45.9	1.351	2.275	11.4	21.1
12 7	5 52.36	+30 50.3	1.339	2.304	6.4	20.9
12 17	5 39.06	+30 41.0	1.353	2.332	3.1	20.8
12 27	5 26.38	+30 18.4	1.395	2.360	6.0	21.1
1 6	5 15.94	+29 46.8	1.465	2.388	10.4	21.4
1 16	5 8.75	+29 11.8	1.558	2.415	14.3	21.7

454093 2013 BL_{44} 12 16.9 237°.85 2°.3/16.9 18

11 7	6 11.62	+26 46.3	2.063	2.825	15.1	21.2
11 17	6 7.21	+27 33.4	1.963	2.816	12.2	20.9
11 27	5 59.92	+28 21.3	1.884	2.807	8.7	20.7
12 7	5 50.24	+29 6.4	1.831	2.797	4.9	20.5
12 17	5 39.06	+29 44.7	1.807	2.787	2.3	20.3
12 27	5 27.66	+30 13.7	1.813	2.777	5.0	20.4
1 6	5 17.36	+30 32.9	1.849	2.767	8.9	20.6
1 16	5 9.25	+30 44.2	1.910	2.756	12.5	20.9

268701 2006 HG_{12} 12 16.9 5°.11 1°.7/16.9 17

11 7	6 7.38	+25 52.2	2.119	2.888	14.5	20.3
11 17	6 3.58	+26 33.4	2.030	2.888	11.6	20.1
11 27	5 57.18	+27 15.1	1.963	2.889	8.2	19.8
12 7	5 48.73	+27 54.4	1.921	2.889	4.5	19.6
12 17	5 39.06	+28 28.3	1.909	2.890	1.7	19.4
12 27	5 29.34	+28 54.8	1.926	2.891	4.5	19.6
1 6	5 20.70	+29 13.9	1.971	2.893	8.2	19.9
1 16	5 14.07	+29 26.9	2.043	2.894	11.6	20.1

416135 2002 QW_{114} 12 16.9 103°.73 0°.1/17.0 17

11 7	6 7.38	+24 22.9	2.579	3.336	12.5	22.4
11 17	6 2.74	+24 17.0	2.499	3.351	9.9	22.3
11 27	5 56.08	+24 9.7	2.442	3.366	6.9	22.1
12 7	5 47.94	+24 0.1	2.412	3.381	3.5	21.9
12 17	5 39.07	+23 48.0	2.412	3.396	0.1	21.6
12 27	5 30.34	+23 33.8	2.443	3.411	3.5	21.9
1 6	5 22.60	+23 18.8	2.504	3.425	6.8	22.2
1 16	5 16.49	+23 4.5	2.592	3.439	9.6	22.4

331042 2009 VG_{61} 12 16.9 267°.31 2°.7/17.0 18

11 7	6 8.32	+29 35.7	2.337	3.095	13.6	20.8
11 17	6 4.20	+30 13.0	2.238	3.088	11.0	20.6
11 27	5 57.56	+30 48.2	2.162	3.082	7.9	20.4
12 7	5 48.92	+31 18.1	2.112	3.075	4.7	20.2
12 17	5 39.07	+31 39.8	2.091	3.068	2.7	20.0
12 27	5 29.11	+31 51.7	2.100	3.061	4.7	20.1
1 6	5 20.16	+31 54.4	2.138	3.055	8.0	20.3
1 16	5 13.12	+31 50.1	2.202	3.048	11.1	20.5

74802 1999 SX_{19} 12 16.9 92°.52 1°.2/16.9 18

11 7	6 13.84	+19 51.8	1.511	2.290	18.9	19.4
11 17	6 9.25	+19 58.5	1.444	2.308	15.1	19.2
11 27	6 1.32	+20 8.8	1.397	2.326	10.6	18.9
12 7	5 50.85	+20 21.5	1.374	2.344	5.5	18.7
12 17	5 39.07	+20 35.2	1.378	2.361	1.2	18.4
12 27	5 27.57	+20 48.9	1.410	2.378	5.4	18.8
1 6	5 17.82	+21 2.9	1.470	2.395	10.2	19.1
1 16	5 10.84	+21 18.1	1.554	2.411	14.3	19.4

329709 2003 UF_{380} 12 16.9 78°.73 1°.5/17.1 17

11 7	6 7.64	+26 55.7	2.275	3.038	13.8	21.5
11 17	6 3.50	+27 18.1	2.187	3.042	11.1	21.3
11 27	5 56.94	+27 38.9	2.122	3.046	7.8	21.1
12 7	5 48.52	+27 55.8	2.083	3.050	4.2	20.9
12 17	5 39.07	+28 7.0	2.073	3.055	1.5	20.7
12 27	5 29.65	+28 11.7	2.093	3.059	4.2	20.9
1 6	5 21.29	+28 10.6	2.142	3.063	7.7	21.1
1 16	5 14.83	+28 5.8	2.217	3.067	10.9	21.3

195630 2002 NE_{3} 12 16.9 117°.66 1°.1/17.1 18

11 7	6 8.00	+27 8.3	2.623	3.376	12.4	21.0
11 17	6 3.31	+27 16.5	2.540	3.389	9.9	20.8
11 27	5 56.53	+27 22.2	2.479	3.401	6.9	20.6
12 7	5 48.20	+27 23.9	2.446	3.413	3.7	20.5
12 17	5 39.09	+27 20.5	2.443	3.425	1.1	20.3
12 27	5 30.08	+27 12.1	2.470	3.437	3.6	20.5
1 6	5 22.05	+26 59.9	2.528	3.448	6.8	20.7
1 16	5 15.68	+26 45.5	2.613	3.459	9.6	20.9

280894 2005 WB_{174} 12 16.9 199°.91 0°.7/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 11.33	+21 29.6	1.968	2.733	15.6	21.7
11 17	6 6.78	+21 29.8	1.874	2.730	12.5	21.5
11 27	5 59.44	+21 31.0	1.801	2.727	8.8	21.3
12 7	5 49.90	+21 32.4	1.754	2.723	4.6	21.0
12 17	5 39.09	+21 33.1	1.735	2.719	0.7	20.7
12 27	5 28.23	+21 33.0	1.746	2.714	4.6	21.0
1 6	5 18.58	+21 32.8	1.787	2.708	8.9	21.2
1 16	5 11.10	+21 33.9	1.852	2.703	12.7	21.4

61102 2000 LM_{30} 12 16.9 91°.99 1°.0/16.8 18

11 7	6 6.34	+22 27.5	2.661	3.418	12.2	18.8
11 17	6 1.80	+21 52.3	2.578	3.430	9.7	18.7
11 27	5 55.36	+21 15.4	2.517	3.442	6.7	18.5
12 7	5 47.56	+20 37.3	2.485	3.454	3.5	18.3
12 17	5 39.10	+19 58.9	2.482	3.465	1.0	18.1
12 27	5 30.80	+19 21.9	2.511	3.477	3.6	18.3
1 6	5 23.43	+18 47.9	2.570	3.488	6.7	18.6
1 16	5 17.60	+18 18.7	2.657	3.500	9.5	18.8

199687 Erősszolt 12 16.9 243°.40 0°.5/16.9 18

11 7	6 6.05	+21 41.3	2.554	3.313	12.6	21.3
11 17	6 1.95	+21 42.4	2.451	3.305	10.1	21.1
11 27	5 55.74	+21 44.2	2.370	3.295	7.0	20.9
12 7	5 47.90	+21 46.0	2.317	3.286	3.6	20.7
12 17	5 39.10	+21 47.3	2.293	3.277	0.5	20.4
12 27	5 30.24	+21 48.0	2.300	3.267	3.7	20.6
1 6	5 22.22	+21 48.7	2.336	3.257	7.2	20.8
1 16	5 15.77	+21 50.2	2.400	3.247	10.3	21.0

256342 2006 XE_{34} 12 16.9 155°.66 1°.8/17.1 18

11 7	6 9.41	+27 39.8	2.143	2.906	14.6	20.8
11 17	6 5.12	+28 2.6	2.053	2.908	11.7	20.6
11 27	5 58.20	+28 23.3	1.986	2.909	8.3	20.4
12 7	5 49.23	+28 39.3	1.944	2.911	4.6	20.2
12 17	5 39.10	+28 48.3	1.932	2.913	1.8	20.0
12 27	5 28.98	+28 49.5	1.949	2.914	4.5	20.2
1 6	5 20.03	+28 44.1	1.994	2.915	8.2	20.4
1 16	5 13.14	+28 34.3	2.066	2.916	11.6	20.6

386304 2008 SN_{35} 12 16.9 223°.21 4°.0/17.2 18

11 7	6 13.14	+31 44.0	1.814	2.578	16.8	20.8
11 17	6 8.92	+32 26.0	1.722	2.574	13.7	20.6
11 27	6 1.36	+33 4.2	1.651	2.570	10.0	20.4
12 7	5 51.05	+33 33.4	1.605	2.565	6.3	20.2
12 17	5 39.10	+33 49.2	1.586	2.560	4.0	20.0
12 27	5 27.04	+33 49.3	1.596	2.555	6.2	20.1
1 6	5 16.46	+33 35.6	1.633	2.550	10.0	20.3
1 16	5 8.55	+33 12.4	1.695	2.544	13.7	20.6

275638 2000 FZ_{8} 12 16.9 261°.11 3°.0/16.7 18

11 7	6 9.51	+17 35.2	1.734	2.510	17.0	21.2
11 17	6 5.77	+17 3.6	1.633	2.495	13.8	20.9
11 27	5 59.03	+16 33.8	1.553	2.479	9.9	20.7
12 7	5 49.82	+16 7.0	1.498	2.464	5.7	20.4
12 17	5 39.10	+15 45.0	1.469	2.448	3.0	20.2
12 27	5 28.22	+15 29.3	1.469	2.432	6.1	20.3
1 6	5 18.55	+15 21.5	1.496	2.415	10.5	20.6
1 16	5 11.22	+15 22.5	1.548	2.399	14.7	20.8

199278 2006 BV_{37} 12 16.9 204°.05 0°.1/17.0 18

11 7	6 7.06	+23 45.0	2.653	3.408	12.3	21.7
11 17	6 2.64	+23 48.3	2.553	3.405	9.8	21.5
11 27	5 56.15	+23 51.0	2.477	3.401	6.8	21.3
12 7	5 48.08	+23 52.2	2.427	3.397	3.5	21.1
12 17	5 39.11	+23 51.1	2.408	3.392	0.1	20.8
12 27	5 30.13	+23 47.6	2.420	3.387	3.5	21.1
1 6	5 22.00	+23 42.6	2.462	3.382	6.9	21.3
1 16	5 15.43	+23 37.2	2.531	3.376	9.9	21.5

3775 Ellenbeth 12 16.9 72°.92 3°.7/17.2 18

11 7	6 13.53	+31 47.5	1.912	2.672	16.2	17.2
11 17	6 8.60	+32 30.3	1.847	2.696	13.0	17.0
11 27	6 0.65	+33 7.9	1.803	2.720	9.5	16.9
12 7	5 50.45	+33 35.9	1.785	2.744	5.8	16.7
12 17	5 39.11	+33 50.7	1.795	2.768	3.7	16.6
12 27	5 28.04	+33 51.4	1.833	2.792	5.6	16.8
1 6	5 18.55	+33 40.1	1.900	2.815	8.9	17.0
1 16	5 11.56	+33 20.8	1.993	2.838	12.1	17.3

223535 2004 EK_{15} 12 16.9 259°.51 0°.1/17.0 18

11 7	6 11.22	+20 38.6	1.579	2.360	18.2	20.1
11 17	6 7.55	+21 8.5	1.489	2.355	14.6	19.8
11 27	6 0.52	+21 43.8	1.419	2.349	10.3	19.6
12 7	5 50.68	+22 22.3	1.373	2.344	5.4	19.3
12 17	5 39.11	+23 0.9	1.354	2.338	0.1	18.8
12 27	5 27.35	+23 37.1	1.363	2.332	5.4	19.3
1 6	5 17.02	+24 9.6	1.399	2.326	10.4	19.5
1 16	5 9.37	+24 38.9	1.460	2.320	14.9	19.8

150062 2006 RN_{17} 12 16.9 110°.11 4°.3/17.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 7	6 13.64	+35 55.7	2.030	2.780	15.7	19.9
11 17	6 8.71	+36 11.1	1.949	2.789	12.8	19.7
11 27	6 0.76	+36 17.3	1.889	2.798	9.6	19.5
12 7	5 50.53	+36 10.5	1.854	2.807	6.3	19.4
12 17	5 39.12	+35 47.9	1.847	2.816	4.3	19.3
12 27	5 27.95	+35 10.0	1.869	2.824	5.8	19.4
1 6	5 18.34	+34 20.4	1.919	2.833	9.0	19.6
1 16	5 11.22	+33 24.4	1.996	2.841	12.1	19.8

420551 2012 GM_{22} 12 16.9 158°.84 7°.6/15.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 3.86	− 5 18.3	3.188	3.869	11.8	22.2
11 17	5 59.49	− 6 23.4	3.111	3.876	10.3	22.1
11 27	5 53.62	− 7 17.5	3.056	3.882	9.0	22.0
12 7	5 46.66	− 7 57.1	3.025	3.888	7.9	21.9
12 17	5 39.13	− 8 19.4	3.022	3.894	7.6	21.9
12 27	5 31.64	− 8 23.3	3.046	3.899	8.1	21.9
1 6	5 24.80	− 8 9.2	3.096	3.903	9.3	22.0
1 16	5 19.12	− 7 39.1	3.170	3.907	10.6	22.1

426143 2012 HC_{32} 12 16.9 60°.58 2°.2/17.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 6.86	+14 47.3	2.211	2.972	14.2	20.4
11 17	6 2.71	+15 5.2	2.130	2.982	11.4	20.2
11 27	5 56.30	+15 29.7	2.071	2.993	8.1	20.0
12 7	5 48.19	+16 0.4	2.038	3.003	4.6	19.8
12 17	5 39.14	+16 36.4	2.034	3.014	2.2	19.7
12 27	5 30.13	+17 16.4	2.061	3.024	4.5	19.9
1 6	5 22.13	+17 58.8	2.116	3.035	7.9	20.1
1 16	5 15.88	+18 42.7	2.198	3.046	11.1	20.3

134162 2005 BN_{5} 12 16.9 288°.90 2°.8/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 7	6 4.66	+15 2.0	2.316	3.079	13.6	20.0
11 17	6 1.00	+14 50.1	2.218	3.071	11.0	19.9
11 27	5 55.16	+14 42.6	2.141	3.062	7.9	19.6
12 7	5 47.64	+14 40.4	2.091	3.054	4.7	19.4
12 17	5 39.14	+14 44.1	2.070	3.046	2.8	19.3
12 27	5 30.58	+14 54.0	2.078	3.038	4.8	19.4
1 6	5 22.89	+15 10.0	2.114	3.030	8.1	19.6
1 16	5 16.83	+15 31.5	2.177	3.022	11.3	19.8

388980 2008 UV_{52} 12 17.0 149°.08 1°.8/17.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 7.85	+27 0.5	1.827	2.683	12.8	21.0
11 27	6 0.29	+27 31.2	1.764	2.689	9.1	20.8
12 7	5 50.39	+27 57.9	1.726	2.694	4.9	20.6
12 17	5 39.16	+28 17.6	1.717	2.698	1.8	20.4
12 27	5 27.94	+28 28.8	1.737	2.703	4.9	20.6
1 6	5 18.08	+28 32.3	1.785	2.707	9.0	20.8
1 16	5 10.59	+28 30.5	1.859	2.710	12.6	21.1
1 26	5 6.10	+28 26.6	1.955	2.714	15.7	21.3

263933 2009 HM_{45} 12 17.0 172°.54 1°.0/17.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 10.48	+25 2.2	1.714	2.570	13.6	21.3
11 27	6 2.23	+25 25.0	1.648	2.573	9.6	21.1
12 7	5 51.43	+25 45.2	1.608	2.577	5.0	20.8
12 17	5 39.17	+25 59.9	1.596	2.579	1.0	20.5
12 27	5 26.92	+26 7.8	1.613	2.580	5.0	20.8
1 6	5 16.12	+26 9.9	1.659	2.581	9.5	21.1
1 16	5 7.89	+26 8.6	1.731	2.581	13.4	21.3
1 26	5 2.87	+26 6.9	1.824	2.580	16.7	21.6

448541 2010 RL_{10} 12 17.0 39°.09 1°.0/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 3.68	+21 21.7	1.709	2.574	13.1	21.2
11 27	5 57.30	+21 7.8	1.651	2.581	9.1	21.0
12 7	5 48.80	+20 54.1	1.618	2.588	4.8	20.7
12 17	5 39.17	+20 40.5	1.612	2.596	1.0	20.5
12 27	5 29.67	+20 28.0	1.635	2.603	4.8	20.8
1 6	5 21.52	+20 17.8	1.686	2.611	9.1	21.0
1 16	5 15.60	+20 11.4	1.761	2.620	12.8	21.3
1 26	5 12.47	+20 9.7	1.858	2.628	15.9	21.5

182723 2001 WL_{58} 12 17.0 97°.26 0°.4/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 4.61	+22 51.8	1.963	2.822	12.0	20.8
11 27	5 57.73	+22 42.3	1.905	2.832	8.3	20.6
12 7	5 48.95	+22 31.3	1.873	2.843	4.3	20.4
12 17	5 39.18	+22 18.7	1.869	2.853	0.4	20.1
12 27	5 29.56	+22 5.0	1.895	2.863	4.3	20.5
1 6	5 21.17	+21 51.7	1.950	2.873	8.2	20.7
1 16	5 14.82	+21 40.5	2.031	2.883	11.7	20.9
1 26	5 11.04	+21 32.8	2.134	2.893	14.5	21.2

489716 2007 VX_{242} 12 17.0 60°.73 0°.5/16.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 5.53	+21 42.1	1.600	2.466	13.8	21.5
11 27	5 58.71	+21 51.2	1.547	2.477	9.6	21.2
12 7	5 49.57	+22 0.9	1.517	2.488	5.0	21.0
12 17	5 39.19	+22 9.8	1.515	2.499	0.5	20.7
12 27	5 28.96	+22 17.5	1.541	2.510	4.9	21.1
1 6	5 20.20	+22 24.6	1.595	2.522	9.4	21.3
1 16	5 13.88	+22 32.1	1.673	2.533	13.3	21.6
1 26	5 10.57	+22 41.4	1.772	2.545	16.5	21.9

171260 2006 BN_{132} 12 17.0 111°.48 1°.9/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 11.06	+19 3.5	1.486	2.345	15.1	20.6
11 27	6 2.46	+18 52.3	1.440	2.367	10.5	20.4
12 7	5 51.42	+18 43.5	1.419	2.387	5.6	20.2
12 17	5 39.19	+18 37.1	1.425	2.408	1.9	20.0
12 27	5 27.33	+18 33.7	1.461	2.427	5.6	20.3
1 6	5 17.25	+18 34.0	1.524	2.445	10.2	20.6
1 16	5 9.93	+18 39.1	1.611	2.463	14.2	20.9
1 26	5 5.87	+18 49.4	1.719	2.480	17.4	21.2

183989 2004 EF_{53} 12 17.0 104°.28 1°.5/17.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 10.57	+26 18.3	1.664	2.521	13.9	19.7
11 27	6 2.11	+26 41.8	1.617	2.543	9.7	19.5
12 7	5 51.25	+27 0.7	1.596	2.564	5.1	19.3
12 17	5 39.19	+27 12.4	1.602	2.585	1.5	19.1
12 27	5 27.43	+27 16.0	1.638	2.605	5.0	19.4
1 6	5 17.33	+27 13.0	1.702	2.624	9.2	19.7
1 16	5 9.88	+27 6.3	1.792	2.643	13.0	19.9
1 26	5 5.60	+26 59.2	1.902	2.661	16.0	20.2

265798 2005 WJ_{196} 12 17.0 277°.41 2°.5/17.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 4.32	+30 47.6	2.300	3.148	10.8	21.0
11 27	5 57.71	+31 1.4	2.210	3.128	7.9	20.8
12 7	5 49.07	+31 8.7	2.145	3.108	4.6	20.5
12 17	5 39.20	+31 7.4	2.109	3.087	2.5	20.3
12 27	5 29.16	+30 56.5	2.104	3.066	4.5	20.4
1 6	5 20.06	+30 37.5	2.127	3.045	7.9	20.6
1 16	5 12.82	+30 13.0	2.178	3.024	11.2	20.8
1 26	5 8.11	+29 46.5	2.250	3.003	14.0	20.9

361989 2008 QQ_{15} 12 17.0 128°.77 6°.6/16.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 0.44	− 3 0.0	3.106	3.887	10.0	22.7
11 27	5 54.24	− 3 38.7	3.059	3.906	8.4	22.6
12 7	5 46.98	− 4 4.2	3.037	3.924	7.1	22.5
12 17	5 39.20	− 4 14.5	3.043	3.942	6.6	22.5
12 27	5 31.54	− 4 8.8	3.078	3.959	7.2	22.6
1 6	5 24.57	− 3 47.9	3.141	3.975	8.4	22.7
1 16	5 18.78	− 3 13.9	3.229	3.991	9.9	22.8
1 26	5 14.54	− 2 29.4	3.339	4.006	11.4	22.9

146656 2001 US_{105} 12 17.0 101°.00 0°.4/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 4.42	+22 5.4	1.952	2.811	12.0	20.6
11 27	5 57.66	+22 7.0	1.892	2.819	8.4	20.4
12 7	5 48.96	+22 8.4	1.857	2.827	4.3	20.2
12 17	5 39.20	+22 8.8	1.850	2.834	0.4	19.9
12 27	5 29.55	+22 8.1	1.874	2.842	4.3	20.2
1 6	5 21.08	+22 7.2	1.926	2.849	8.3	20.5
1 16	5 14.65	+22 7.4	2.003	2.856	11.8	20.7
1 26	5 10.79	+22 9.7	2.103	2.863	14.6	20.9

150461 2000 HY_{89} 12 17.0 174°.96 0°.6/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 7.25	+21 52.9	1.941	2.795	12.3	21.2
11 27	5 59.68	+21 49.2	1.873	2.798	8.6	21.0
12 7	5 50.02	+21 45.0	1.831	2.800	4.5	20.7
12 17	5 39.21	+21 39.6	1.818	2.802	0.6	20.4
12 27	5 28.44	+21 33.2	1.835	2.803	4.5	20.7
1 6	5 18.89	+21 26.9	1.882	2.803	8.6	21.0
1 16	5 11.48	+21 22.3	1.954	2.803	12.2	21.2
1 26	5 6.79	+21 20.9	2.049	2.802	15.2	21.4

242812 2006 BN_{149} 12 17.0 317°.08 2°.6/16.9 17 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 1.69	+15 39.8	1.974	2.832	11.9	20.1
11 27	5 55.84	+15 38.4	1.900	2.824	8.6	19.8
12 7	5 48.09	+15 42.7	1.851	2.816	4.9	19.6
12 17	5 39.21	+15 52.8	1.830	2.809	2.6	19.4
12 27	5 30.26	+16 8.7	1.838	2.801	5.0	19.6
1 6	5 22.28	+16 30.0	1.875	2.794	8.7	19.8
1 16	5 16.15	+16 56.2	1.936	2.787	12.2	20.0
1 26	5 12.47	+17 26.6	2.020	2.781	15.2	20.2

188328 2003 NV_{8} 12 17.0 51°.89 2°.2/17.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 8.69	+32 37.7	1.856	2.704	13.0	18.4
11 27	6 0.41	+31 48.9	1.812	2.731	9.3	18.2
12 7	5 50.19	+30 48.6	1.794	2.758	5.2	18.0
12 17	5 39.22	+29 37.6	1.805	2.785	2.2	17.9
12 27	5 28.82	+28 19.5	1.846	2.812	4.6	18.1
1 6	5 20.13	+26 59.7	1.917	2.839	8.3	18.4
1 16	5 13.88	+25 43.4	2.014	2.867	11.7	18.6
1 26	5 10.43	+24 34.8	2.134	2.894	14.5	18.9

102617 1999 VC_{23} 12 17.0 28°.09 2°.8/16.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 7.17	+25 14.4	1.222	2.099	16.4	18.3
11 27	6 0.55	+26 41.7	1.178	2.112	11.6	18.1
12 7	5 50.79	+28 8.2	1.156	2.126	6.3	17.8
12 17	5 39.23	+29 25.9	1.160	2.141	2.8	17.7
12 27	5 27.75	+30 29.4	1.191	2.158	6.5	17.9
1 6	5 18.18	+31 16.9	1.247	2.175	11.4	18.3
1 16	5 11.84	+31 50.7	1.326	2.193	15.7	18.6
1 26	5 9.41	+32 14.7	1.424	2.212	19.2	18.9