366337 2013 EX_{123} 12 27.9 302.°77 9.°1/28.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 50.63	+ 1 12.8	1.705	2.514	15.7	21.1
12 7	6 45.39	+ 0 29.2	1.621	2.495	13.0	20.9
12 17	6 37.86	+ 0 5.2	1.560	2.476	10.5	20.7
12 27	6 28.85	+ 0 5.1	1.523	2.457	9.1	20.6
1 6	6 19.47	+ 0 30.6	1.512	2.439	9.8	20.6
1 16	6 10.91	+ 1 20.1	1.526	2.420	12.2	20.7
1 26	6 4.29	+ 2 29.2	1.563	2.402	15.3	20.8
2 5	6 0.34	+ 3 51.4	1.620	2.385	18.2	21.0

523418 2017 DX_{122} 12 27.9 56.°60 2.°0/27.5 17

11 27	6 53.83	+26 8.2	1.962	2.812	12.3	20.3
12 7	6 47.48	+27 5.0	1.898	2.817	8.8	20.1
12 17	6 38.89	+28 1.9	1.859	2.823	4.9	19.9
12 27	6 28.94	+28 54.3	1.849	2.829	2.0	19.7
1 6	6 18.80	+29 38.4	1.868	2.835	4.5	19.9
1 16	6 9.68	+30 12.5	1.916	2.841	8.3	20.2
1 26	6 2.60	+30 36.8	1.991	2.847	11.7	20.4
2 5	5 58.22	+30 53.2	2.087	2.853	14.6	20.6

77829 2001 QO_{217} 12 27.9 257.°43 0.°2/28.0 18 R

11 27	6 50.58	+21 52.9	2.510	3.352	10.2	19.4
12 7	6 44.78	+22 3.6	2.426	3.343	7.2	19.2
12 17	6 37.30	+22 15.9	2.368	3.333	3.9	18.9
12 27	6 28.79	+22 28.5	2.340	3.323	0.4	18.6
1 6	6 20.11	+22 40.2	2.342	3.313	3.2	18.9
1 16	6 12.11	+22 50.3	2.375	3.303	6.7	19.1
1 26	6 5.59	+22 58.9	2.435	3.292	9.8	19.3
2 5	6 1.10	+23 6.3	2.518	3.282	12.4	19.4

339178 2004 TQ_{134} 12 27.9 50.°29 4.°3/28.3 18

11 27	6 54.07	+14 8.6	1.462	2.313	15.6	20.5
12 7	6 47.84	+13 36.0	1.405	2.320	11.6	20.3
12 17	6 39.10	+13 13.1	1.370	2.328	7.3	20.1
12 27	6 28.95	+13 1.2	1.362	2.336	4.4	19.9
1 6	6 18.80	+13 0.5	1.381	2.344	6.2	20.0
1 16	6 9.98	+13 10.2	1.426	2.353	10.3	20.3
1 26	6 3.62	+13 28.5	1.495	2.361	14.3	20.5
2 5	6 0.29	+13 53.0	1.584	2.370	17.6	20.8

62801 2000 UV_{36} 12 27.9 352.°98 0.°5/28.1 18

11 27	6 52.43	+21 41.7	1.930	2.780	12.4	19.7
12 7	6 46.40	+21 43.5	1.859	2.779	8.9	19.5
12 17	6 38.26	+21 47.2	1.813	2.779	4.8	19.2
12 27	6 28.89	+21 51.5	1.795	2.778	0.7	18.9
1 6	6 19.40	+21 55.2	1.807	2.778	3.9	19.2
1 16	6 10.90	+21 57.9	1.847	2.778	8.1	19.4
1 26	6 4.38	+22 0.1	1.913	2.778	11.7	19.6
2 5	6 0.41	+22 2.3	2.001	2.778	14.8	19.9

229828 2008 UH_{124} 12 27.9 194.°37 0.°0/28.0 18

11 27	6 51.74	+23 55.8	3.014	3.849	8.9	21.2
12 7	6 45.28	+23 41.7	2.933	3.847	6.3	21.0
12 17	6 37.44	+23 26.5	2.879	3.844	3.4	20.9
12 27	6 28.82	+23 9.6	2.857	3.840	0.3	20.6
1 6	6 20.14	+22 51.0	2.867	3.836	2.8	20.8
1 16	6 12.13	+22 31.2	2.907	3.832	5.8	21.0
1 26	6 5.44	+22 11.1	2.977	3.828	8.4	21.2
2 5	6 0.51	+21 51.7	3.071	3.822	10.7	21.3

454421 2014 NA_{61} 12 27.9 121.°40 2.°9/28.0 18

11 27	6 57.61	+32 22.7	1.969	2.810	12.6	20.5
12 7	6 50.04	+32 18.9	1.903	2.816	9.2	20.3
12 17	6 40.17	+32 6.7	1.863	2.821	5.5	20.1
12 27	6 29.07	+31 43.5	1.851	2.827	2.9	19.9
1 6	6 18.03	+31 9.0	1.869	2.833	4.8	20.0
1 16	6 8.30	+30 25.2	1.916	2.838	8.4	20.3
1 26	6 0.88	+29 36.2	1.989	2.843	11.8	20.5
2 5	5 56.32	+28 45.9	2.085	2.849	14.7	20.7

330256 2006 RX_{89} 12 27.9 154.°47 1.°1/28.1 18

11 27	6 58.29	+20 16.8	1.723	2.567	13.9	21.9
12 7	6 50.66	+20 15.5	1.658	2.575	10.0	21.7
12 17	6 40.58	+20 17.2	1.618	2.583	5.5	21.5
12 27	6 29.12	+20 20.5	1.607	2.589	1.2	21.2
1 6	6 17.60	+20 24.2	1.625	2.595	4.5	21.4
1 16	6 7.36	+20 27.8	1.672	2.600	8.9	21.7
1 26	5 59.47	+20 31.9	1.745	2.605	12.9	21.9
2 5	5 54.56	+20 37.0	1.839	2.609	16.2	22.2

47710 2000 DJ_{16} 12 27.9 11.°41 8.°6/26.9 18

11 27	6 58.27	+46 10.6	1.974	2.787	13.7	17.6
12 7	6 51.17	+47 14.2	1.916	2.788	11.4	17.4
12 17	6 41.06	+48 0.8	1.880	2.790	9.4	17.3
12 27	6 29.16	+48 23.5	1.871	2.793	8.6	17.3
1 6	6 17.13	+48 19.0	1.887	2.795	9.4	17.3
1 16	6 6.61	+47 48.7	1.929	2.799	11.4	17.5
1 26	5 58.95	+46 58.2	1.994	2.802	13.7	17.6
2 5	5 54.81	+45 54.8	2.079	2.806	15.8	17.8

209131 2003 SV_{231} 12 27.9 59.°06 1.°4/27.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 55.92	+24 52.1	1.512	2.371	14.8	20.0
12 7	6 49.24	+25 28.3	1.461	2.385	10.5	19.8
12 17	6 39.89	+26 4.7	1.434	2.401	5.7	19.5
12 27	6 29.05	+26 36.7	1.434	2.416	1.4	19.3
1 6	6 18.23	+27 1.4	1.462	2.432	4.9	19.6
1 16	6 8.88	+27 17.5	1.517	2.448	9.4	19.9
1 26	6 2.15	+27 26.5	1.596	2.464	13.5	20.2
2 5	5 58.65	+27 30.5	1.696	2.480	16.8	20.4

248007 2004 EA_{45} 12 27.9 160.°70 2.°9/28.4 18

11 27	6 52.64	+14 54.4	1.991	2.829	12.6	20.8
12 7	6 46.43	+14 47.3	1.920	2.831	9.2	20.6
12 17	6 38.24	+14 47.6	1.875	2.833	5.6	20.4
12 27	6 28.91	+14 55.1	1.859	2.835	2.9	20.2
1 6	6 19.47	+15 9.1	1.871	2.836	4.7	20.3
1 16	6 10.96	+15 28.3	1.912	2.838	8.2	20.5
1 26	6 4.29	+15 51.7	1.980	2.839	11.7	20.8
2 5	6 0.03	+16 17.7	2.070	2.840	14.6	21.0

178629 2000 GV_{141} 12 27.9 278.°14 3.°1/27.2 17

11 27	6 55.56	+28 25.7	1.854	2.703	12.9	20.4
12 7	6 49.11	+29 33.1	1.772	2.690	9.4	20.1
12 17	6 39.99	+30 40.3	1.716	2.677	5.6	19.9
12 27	6 29.09	+31 41.3	1.688	2.664	3.1	19.7
1 6	6 17.70	+32 31.1	1.689	2.651	5.5	19.8
1 16	6 7.24	+33 7.1	1.718	2.638	9.4	20.0
1 26	5 59.01	+33 29.9	1.773	2.625	13.2	20.2
2 5	5 53.84	+33 42.3	1.849	2.611	16.4	20.4

379717 2011 GA_{29} 12 27.9 182.°41 1.°4/27.8 18

11 27	6 51.59	+27 29.7	2.805	3.643	9.3	21.7
12 7	6 45.37	+27 52.5	2.729	3.644	6.7	21.5
12 17	6 37.57	+28 13.4	2.681	3.644	3.7	21.3
12 27	6 28.85	+28 30.1	2.663	3.643	1.4	21.1
1 6	6 20.02	+28 41.3	2.676	3.643	3.3	21.3
1 16	6 11.90	+28 46.5	2.720	3.642	6.2	21.5
1 26	6 5.20	+28 46.7	2.791	3.641	9.0	21.6
2 5	6 0.44	+28 43.0	2.887	3.639	11.3	21.8

357672 2005 JN_{150} 12 27.9 210.°34 4.°3/26.9 18

11 27	6 57.24	+32 23.6	2.015	2.855	12.4	21.0
12 7	6 50.14	+33 35.5	1.941	2.852	9.2	20.8
12 17	6 40.46	+34 43.0	1.894	2.848	6.0	20.6
12 27	6 29.13	+35 39.8	1.876	2.844	4.3	20.5
1 6	6 17.43	+36 21.4	1.887	2.840	6.0	20.6
1 16	6 6.74	+36 46.1	1.927	2.836	9.2	20.8
1 26	5 58.28	+36 55.9	1.993	2.831	12.5	21.0
2 5	5 52.81	+36 54.5	2.080	2.827	15.3	21.2

170591 2003 YK_{1} 12 27.9 68.°42 5.°3/26.4 17

11 27	7 6.31	+31 4.7	1.651	2.488	14.8	19.8
12 7	6 56.68	+33 24.0	1.619	2.527	10.8	19.6
12 17	6 43.95	+35 35.4	1.614	2.566	7.0	19.5
12 27	6 29.44	+37 27.9	1.640	2.605	5.3	19.5
1 6	6 14.90	+38 54.2	1.696	2.642	7.3	19.7
1 16	6 2.07	+39 52.9	1.782	2.680	10.6	20.0
1 26	5 52.30	+40 28.0	1.893	2.716	13.7	20.2
2 5	5 46.23	+40 46.0	2.024	2.752	16.2	20.5

65436 2002 TJ_{261} 12 27.9 6.°24 2.°5/28.4 18

11 27	6 51.63	+16 26.9	1.079	1.953	18.1	18.5
12 7	6 46.94	+16 49.4	1.023	1.953	13.2	18.2
12 17	6 38.97	+17 25.3	0.987	1.954	7.6	17.9
12 27	6 28.99	+18 12.1	0.975	1.956	2.7	17.6
1 6	6 18.79	+19 5.1	0.987	1.960	5.9	17.8
1 16	6 10.19	+19 59.9	1.023	1.964	11.6	18.1
1 26	6 4.66	+20 52.9	1.081	1.970	16.6	18.4
2 5	6 2.97	+21 42.0	1.157	1.978	20.8	18.7

520630 2014 OC_{415} 12 28.0 105.°61 0.°6/27.9 17

11 27	6 52.94	+23 10.9	2.117	2.964	11.6	21.7
12 7	6 46.66	+23 45.2	2.050	2.969	8.3	21.5
12 17	6 38.38	+24 21.2	2.009	2.974	4.5	21.3
12 27	6 28.93	+24 55.9	1.997	2.980	0.7	21.0
1 6	6 19.36	+25 26.9	2.014	2.985	3.7	21.2
1 16	6 10.70	+25 52.7	2.062	2.990	7.5	21.5
1 26	6 3.88	+26 13.3	2.136	2.995	10.9	21.7
2 5	5 59.49	+26 29.6	2.233	3.000	13.7	21.9

477097 2009 BU_{147} 12 28.0 20.°54 1.°1/27.9 17

11 27	6 52.46	+26 18.3	0.981	1.866	18.5	19.7
12 7	6 47.49	+26 7.2	0.945	1.881	13.2	19.4
12 17	6 39.11	+25 52.9	0.928	1.898	7.1	19.2
12 27	6 28.99	+25 33.3	0.934	1.917	1.3	18.8
1 6	6 19.16	+25 8.2	0.964	1.937	5.8	19.2
1 16	6 11.46	+24 40.1	1.017	1.959	11.4	19.6
1 26	6 7.14	+24 12.0	1.091	1.983	16.3	20.0
2 5	6 6.64	+23 46.2	1.183	2.009	20.2	20.3

116098 2003 WU_{127} 12 28.0 268°.40 2°.1/28.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 55.05	+31 30.3	2.514	3.349	10.4	19.4
12 7	6 47.99	+31 12.8	2.423	3.333	7.6	19.2
12 17	6 39.04	+30 48.1	2.358	3.318	4.5	19.0
12 27	6 29.00	+30 14.8	2.324	3.302	2.1	18.8
1 6	6 18.86	+29 32.7	2.321	3.286	3.9	18.9
1 16	6 9.61	+28 43.6	2.348	3.270	7.1	19.0
1 26	6 2.12	+27 50.4	2.404	3.254	10.2	19.2
2 5	5 56.92	+26 56.3	2.483	3.238	12.8	19.4

100175 1994 AX_4 12 28.0 87°.35 0°.1/27.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 52.24	+22 56.2	2.258	3.103	11.1	19.7
12 7	6 45.96	+23 10.2	2.199	3.117	7.8	19.5
12 17	6 37.91	+23 25.0	2.165	3.130	4.2	19.3
12 27	6 28.90	+23 38.9	2.161	3.144	0.4	19.0
1 6	6 19.88	+23 50.4	2.187	3.157	3.4	19.3
1 16	6 11.79	+23 59.1	2.242	3.170	7.0	19.6
1 26	6 5.42	+24 5.3	2.325	3.184	10.1	19.8
2 5	6 1.28	+24 9.7	2.430	3.197	12.8	20.0

200398 2000 RE_{89} 12 28.0 75°.75 0°.0/27.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 56.89	+24 32.5	1.560	2.415	14.6	20.0
12 7	6 49.86	+24 12.6	1.498	2.421	10.4	19.8
12 17	6 40.21	+23 50.7	1.460	2.426	5.6	19.5
12 27	6 29.11	+23 25.8	1.449	2.432	0.5	19.1
1 6	6 18.04	+22 57.9	1.467	2.438	4.6	19.5
1 16	6 8.42	+22 28.8	1.512	2.444	9.4	19.8
1 26	6 1.37	+22 0.8	1.582	2.450	13.5	20.0
2 5	5 57.49	+21 35.9	1.673	2.456	17.0	20.3

284266 2006 HL_{28} 12 28.0 211°.11 5°.3/29.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 48.68	+ 3 0.7	2.954	3.744	10.2	22.0
12 7	6 43.16	+ 2 42.3	2.872	3.738	8.2	21.8
12 17	6 36.34	+ 2 35.4	2.816	3.731	6.4	21.7
12 27	6 28.76	+ 2 41.4	2.788	3.724	5.3	21.6
1 6	6 21.06	+ 3 0.2	2.790	3.717	5.8	21.6
1 16	6 13.89	+ 3 30.8	2.821	3.709	7.5	21.7
1 26	6 7.85	+ 4 11.2	2.879	3.701	9.5	21.9
2 5	6 3.40	+ 4 58.8	2.960	3.693	11.5	22.0

118032 2410 $T\text{-}_2$ 12 28.0 148°.86 1°.1/28.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 57.52	+20 11.8	1.892	2.733	13.0	20.5
12 7	6 49.93	+20 9.9	1.828	2.744	9.3	20.3
12 17	6 40.14	+20 10.8	1.790	2.753	5.1	20.1
12 27	6 29.11	+20 13.2	1.780	2.762	1.2	19.8
1 6	6 18.07	+20 15.9	1.801	2.770	4.1	20.1
1 16	6 8.19	+20 18.8	1.851	2.778	8.3	20.3
1 26	6 0.46	+20 22.2	1.927	2.785	12.0	20.6
2 5	5 55.45	+20 26.6	2.026	2.791	15.0	20.8

485950 2012 HT_{50} 12 28.0 197°.19 4°.3/28.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 49.42	+ 7 21.3	2.922	3.728	9.9	22.0
12 7	6 43.67	+ 6 57.9	2.842	3.725	7.7	21.9
12 17	6 36.61	+ 6 43.4	2.789	3.721	5.6	21.7
12 27	6 28.79	+ 6 38.9	2.765	3.717	4.4	21.6
1 6	6 20.87	+ 6 44.5	2.771	3.713	5.0	21.7
1 16	6 13.52	+ 6 59.7	2.807	3.708	7.0	21.8
1 26	6 7.35	+ 7 23.0	2.870	3.703	9.3	21.9
2 5	6 2.80	+ 7 52.6	2.958	3.697	11.3	22.1

115059 Nagykároly 12 28.0 233°.44 0°.1/28.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 51.79	+22 11.8	2.331	3.175	10.8	20.4
12 7	6 45.74	+22 23.7	2.252	3.170	7.7	20.2
12 17	6 37.87	+22 37.1	2.199	3.164	4.2	20.0
12 27	6 28.92	+22 50.5	2.175	3.158	0.4	19.7
1 6	6 19.79	+23 2.4	2.182	3.153	3.4	19.9
1 16	6 11.45	+23 12.3	2.218	3.147	7.1	20.1
1 26	6 4.74	+23 20.2	2.282	3.140	10.3	20.3
2 5	6 0.21	+23 26.8	2.368	3.134	13.1	20.5

350871 2002 PR_9 12 28.0 164°.22 1°.9/27.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 57.56	+29 37.3	2.171	3.009	11.7	21.7
12 7	6 49.86	+29 34.9	2.100	3.014	8.4	21.5
12 17	6 40.06	+29 27.0	2.057	3.018	4.8	21.3
12 27	6 29.11	+29 11.3	2.042	3.022	1.9	21.1
1 6	6 18.17	+28 47.3	2.059	3.025	4.1	21.2
1 16	6 8.36	+28 16.3	2.105	3.028	7.7	21.5
1 26	6 0.60	+27 41.1	2.179	3.030	11.0	21.7
2 5	5 55.46	+27 4.7	2.275	3.032	13.8	21.9

129263 2005 QM_{95} 12 28.0 160°.13 1°.1/27.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 58.53	+25 31.6	1.832	2.677	13.2	21.0
12 7	6 50.85	+25 49.3	1.766	2.683	9.4	20.8
12 17	6 40.73	+26 5.5	1.725	2.689	5.2	20.6
12 27	6 29.19	+26 17.2	1.712	2.695	1.2	20.3
1 6	6 17.57	+26 22.5	1.730	2.699	4.4	20.5
1 16	6 7.19	+26 21.2	1.776	2.703	8.6	20.8
1 26	5 59.14	+26 15.1	1.849	2.706	12.4	21.0
2 5	5 54.04	+26 6.4	1.943	2.709	15.6	21.3

389458 2010 DZ_{41} 12 28.0 270°.92 3°.0/28.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 54.03	+14 51.3	1.599	2.446	14.7	21.4
12 7	6 47.93	+14 57.6	1.524	2.440	10.8	21.1
12 17	6 39.29	+15 14.1	1.473	2.434	6.5	20.9
12 27	6 29.07	+15 40.1	1.449	2.427	3.1	20.6
1 6	6 18.56	+16 13.6	1.453	2.421	5.3	20.8
1 16	6 9.12	+16 52.1	1.485	2.415	9.7	21.0
1 26	6 1.95	+17 33.5	1.541	2.409	13.9	21.2
2 5	5 57.78	+18 15.8	1.618	2.402	17.4	21.5

94389 2001 SJ_{111} 12 28.0 32°.09 0°.5/28.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 56.22	+25 23.5	1.320	2.185	16.1	18.5
12 7	6 49.73	+25 9.9	1.264	2.191	11.5	18.2
12 17	6 40.26	+24 53.9	1.230	2.198	6.2	17.9
12 27	6 29.15	+24 33.7	1.223	2.206	0.8	17.6
1 6	6 18.08	+24 8.9	1.241	2.214	5.1	17.9
1 16	6 8.69	+23 41.4	1.287	2.222	10.3	18.2
1 26	6 2.23	+23 14.0	1.355	2.231	14.8	18.5
2 5	5 59.28	+22 49.1	1.443	2.241	18.5	18.8

13328 Guetter 12 28.0 28°.53 1°.5/28.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 51.19	+18 19.3	1.863	2.713	12.8	18.5
12 7	6 45.53	+18 26.9	1.800	2.719	9.2	18.3
12 17	6 37.82	+18 39.9	1.761	2.725	5.2	18.0
12 27	6 28.93	+18 57.1	1.750	2.731	1.6	17.8
1 6	6 19.97	+19 17.0	1.768	2.738	4.1	18.0
1 16	6 12.01	+19 38.2	1.814	2.745	8.1	18.3
1 26	6 6.01	+19 59.8	1.886	2.753	11.7	18.5
2 5	6 2.52	+20 21.4	1.980	2.761	14.8	18.7

422517 2014 TD_8 12 28.0 110°.77 0°.7/27.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 53.29	+24 42.5	2.513	3.352	10.3	22.0
12 7	6 46.56	+25 2.9	2.455	3.371	7.2	21.8
12 17	6 38.20	+25 22.8	2.425	3.389	3.9	21.6
12 27	6 28.96	+25 39.9	2.424	3.407	0.8	21.4
1 6	6 19.74	+25 53.0	2.455	3.424	3.3	21.6
1 16	6 11.39	+26 1.6	2.516	3.441	6.5	21.9
1 26	6 4.67	+26 6.4	2.605	3.458	9.4	22.1
2 5	6 0.04	+26 8.4	2.717	3.474	11.8	22.3

513472 2009 CS_5 12 28.0 157°.71 13°.9/29.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 55.56	+57 19.6	1.645	2.362	19.8	23.3
12 7	7 34.11	+58 53.6	1.591	2.383	17.3	23.2
12 17	7 4.87	+59 48.0	1.559	2.402	15.1	23.1
12 27	6 31.43	+59 41.0	1.553	2.417	14.0	23.1
1 6	5 59.41	+58 26.6	1.576	2.428	14.4	23.1
1 16	5 33.56	+56 18.2	1.627	2.437	16.1	23.3
1 26	5 15.88	+53 40.0	1.702	2.442	18.4	23.4
2 5	5 5.95	+50 54.5	1.798	2.443	20.5	23.6

459358 2012 HN_{81} 12 28.0 150°.90 3°.3/27.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 53.94	+31 44.0	2.369	3.208	10.8	20.9
12 7	6 47.40	+32 36.2	2.300	3.210	7.9	20.7
12 17	6 38.83	+33 24.0	2.257	3.213	5.0	20.5
12 27	6 29.04	+34 3.3	2.244	3.215	3.3	20.4
1 6	6 19.06	+34 31.2	2.260	3.217	4.8	20.5
1 16	6 9.95	+34 47.0	2.306	3.219	7.7	20.7
1 26	6 2.66	+34 51.8	2.379	3.221	10.6	20.9
2 5	5 57.79	+34 48.5	2.474	3.222	13.1	21.1

146426 2001 QF_{245} 12 28.0 34°.28 9°.6/29.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 50.56	− 0 43.0	1.610	2.415	16.6	19.2
12 7	6 45.16	− 1 23.5	1.558	2.425	13.8	19.1
12 17	6 37.64	− 1 40.4	1.527	2.436	11.2	18.9
12 27	6 28.93	− 1 30.3	1.519	2.447	9.7	18.9
1 6	6 20.20	− 0 53.4	1.537	2.458	10.1	18.9
1 16	6 12.58	+ 0 6.8	1.580	2.470	12.1	19.1
1 26	6 7.02	+ 1 24.4	1.645	2.483	14.7	19.3
2 5	6 4.07	+ 2 52.2	1.732	2.496	17.2	19.5

464587 2016 CK_{103} 12 28.0 88°.96 1°.5/28.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 51.44	+19 26.0	2.309	3.151	11.0	21.0
12 7	6 45.36	+19 6.5	2.242	3.157	7.9	20.8
12 17	6 37.60	+18 49.5	2.201	3.164	4.4	20.6
12 27	6 28.93	+18 34.8	2.189	3.170	1.5	20.4
1 6	6 20.24	+18 22.5	2.208	3.177	3.6	20.6
1 16	6 12.42	+18 12.7	2.256	3.183	7.0	20.8
1 26	6 6.23	+18 5.9	2.331	3.189	10.2	21.0
2 5	6 2.14	+18 1.9	2.430	3.196	12.8	21.2

274419 2008 SQ_{12} 12 28.0 43°.10 0°.9/27.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 52.36	+25 40.9	2.020	2.870	11.9	20.7
12 7	6 46.28	+25 49.5	1.957	2.878	8.5	20.5
12 17	6 38.19	+25 56.7	1.921	2.886	4.6	20.3
12 27	6 28.98	+26 0.4	1.913	2.895	1.0	20.1
1 6	6 19.76	+25 59.5	1.934	2.904	3.9	20.3
1 16	6 11.58	+25 54.0	1.983	2.913	7.7	20.6
1 26	6 5.35	+25 45.3	2.059	2.922	11.1	20.8
2 5	6 1.61	+25 34.8	2.158	2.932	13.9	21.0

229757 2007 MU_9 12 28.0 29.°82 1.°9/28.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 53.76	+20 10.2	1.107	1.981	17.8	19.5
12 7	6 48.04	+19 48.5	1.069	2.000	12.7	19.3
12 17	6 39.32	+19 31.9	1.052	2.020	7.0	19.1
12 27	6 29.08	+19 20.2	1.059	2.041	2.0	18.8
1 6	6 19.11	+19 12.7	1.092	2.064	5.6	19.1
1 16	6 11.02	+19 9.4	1.148	2.087	10.8	19.5
1 26	6 5.97	+19 10.4	1.227	2.112	15.4	19.8
2 5	6 4.43	+19 14.8	1.325	2.137	19.1	20.1

342064 2008 SW_{21} 12 28.0 56.°29 2.°0/28.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 56.35	+18 13.6	1.320	2.179	16.5	20.6
12 7	6 49.55	+18 17.6	1.278	2.201	11.8	20.4
12 17	6 40.05	+18 28.9	1.259	2.224	6.6	20.1
12 27	6 29.15	+18 45.3	1.266	2.247	2.1	19.9
1 6	6 18.46	+19 4.9	1.300	2.271	5.2	20.2
1 16	6 9.43	+19 25.9	1.360	2.295	10.0	20.5
1 26	6 3.18	+19 47.6	1.444	2.318	14.2	20.8
2 5	6 0.22	+20 9.1	1.549	2.342	17.7	21.1

161236 2003 AK_{29} 12 28.0 331.°02 0.°9/27.9 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 54.47	+25 28.0	1.243	2.113	16.5	19.5
12 7	6 48.96	+25 25.1	1.172	2.102	11.9	19.2
12 17	6 40.12	+25 20.3	1.122	2.091	6.5	18.8
12 27	6 29.19	+25 10.9	1.097	2.080	1.1	18.5
1 6	6 17.93	+24 55.5	1.098	2.071	5.5	18.7
1 16	6 8.18	+24 34.9	1.124	2.062	11.2	19.0
1 26	6 1.48	+24 12.0	1.172	2.054	16.2	19.3
2 5	5 58.63	+23 49.7	1.239	2.047	20.4	19.5

343744 2011 FL_{21} 12 28.0 140.°34 0.°5/28.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 57.22	+21 12.7	1.872	2.715	13.1	21.9
12 7	6 49.78	+21 25.2	1.809	2.726	9.3	21.7
12 17	6 40.11	+21 40.3	1.772	2.737	5.1	21.5
12 27	6 29.18	+21 55.7	1.764	2.747	0.7	21.1
1 6	6 18.21	+22 9.6	1.786	2.757	4.1	21.4
1 16	6 8.41	+22 21.3	1.837	2.766	8.3	21.7
1 26	6 0.78	+22 31.1	1.915	2.774	12.0	22.0
2 5	5 55.91	+22 39.8	2.015	2.782	15.0	22.2

61805 2000 QR_{185} 12 28.0 119.°79 1.°0/27.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 57.11	+24 19.2	1.730	2.580	13.7	19.9
12 7	6 49.94	+24 53.0	1.670	2.590	9.7	19.7
12 17	6 40.29	+25 27.4	1.635	2.601	5.3	19.5
12 27	6 29.21	+25 58.5	1.628	2.611	1.1	19.2
1 6	6 18.05	+26 23.4	1.651	2.621	4.4	19.5
1 16	6 8.16	+26 41.0	1.701	2.630	8.8	19.8
1 26	6 0.64	+26 52.2	1.778	2.639	12.7	20.0
2 5	5 56.12	+26 58.8	1.876	2.648	15.8	20.2

248336 2005 QO_{69} 12 28.0 171.°67 2.°0/28.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 52.72	+15 42.3	2.405	3.237	10.9	21.4
12 7	6 46.28	+15 52.5	2.331	3.240	7.9	21.3
12 17	6 38.14	+16 8.7	2.284	3.243	4.7	21.1
12 27	6 29.01	+16 30.1	2.267	3.245	2.1	20.9
1 6	6 19.77	+16 55.4	2.280	3.247	3.8	21.0
1 16	6 11.29	+17 23.2	2.323	3.248	7.0	21.2
1 26	6 4.35	+17 52.3	2.395	3.249	10.1	21.4
2 5	5 59.49	+18 21.9	2.490	3.249	12.7	21.6

486325 2013 CO_{127} 12 28.0 239.°21 0.°1/28.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 54.17	+20 40.5	2.006	2.850	12.3	21.3
12 7	6 47.77	+21 18.8	1.925	2.842	8.8	21.1
12 17	6 39.15	+22 1.9	1.869	2.834	4.8	20.8
12 27	6 29.12	+22 46.9	1.842	2.826	0.5	20.5
1 6	6 18.77	+23 30.5	1.846	2.817	3.9	20.7
1 16	6 9.26	+24 10.4	1.879	2.808	8.1	21.0
1 26	6 1.66	+24 45.7	1.939	2.799	11.8	21.2
2 5	5 56.65	+25 16.5	2.021	2.789	15.0	21.4

271360 2003 XB_{16} 12 28.0 44.°66 0.°7/27.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 52.71	+25 20.3	1.946	2.797	12.3	20.8
12 7	6 46.52	+25 20.7	1.889	2.810	8.7	20.6
12 17	6 38.31	+25 19.5	1.857	2.823	4.7	20.4
12 27	6 29.02	+25 15.3	1.853	2.836	0.8	20.1
1 6	6 19.77	+25 7.1	1.879	2.850	3.9	20.4
1 16	6 11.65	+24 55.5	1.933	2.864	7.8	20.7
1 26	6 5.55	+24 41.9	2.013	2.878	11.2	20.9
2 5	6 1.97	+24 27.7	2.116	2.892	14.1	21.1

340923 2007 DE_{112} 12 28.0 218.°56 4.°5/27.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 58.94	+33 4.2	1.678	2.524	14.2	20.8
12 7	6 51.67	+33 48.2	1.607	2.521	10.5	20.6
12 17	6 41.42	+34 24.9	1.561	2.517	6.8	20.4
12 27	6 29.34	+34 48.2	1.542	2.513	4.5	20.2
1 6	6 16.99	+34 54.5	1.551	2.509	6.4	20.3
1 16	6 6.01	+34 43.9	1.587	2.504	10.2	20.6
1 26	5 57.76	+34 20.2	1.648	2.500	14.0	20.8
2 5	5 52.98	+33 48.7	1.729	2.495	17.2	21.0

220657 2004 RA_{145} 12 28.0 95.°04 1.°0/27.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 53.45	+25 30.3	2.062	2.910	11.8	20.6
12 7	6 47.07	+25 46.2	1.996	2.915	8.4	20.4
12 17	6 38.65	+26 0.9	1.955	2.920	4.6	20.2
12 27	6 29.07	+26 12.3	1.943	2.925	1.1	19.9
1 6	6 19.41	+26 18.7	1.960	2.930	3.9	20.2
1 16	6 10.76	+26 19.8	2.007	2.935	7.7	20.4
1 26	6 4.04	+26 16.7	2.080	2.940	11.1	20.6
2 5	5 59.83	+26 11.1	2.176	2.945	14.0	20.8

511620 2015 BR_{32} 12 28.0 27.°78 2.°5/28.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 49.32	+13 56.0	2.244	3.081	11.4	20.4
12 7	6 43.96	+14 14.9	2.177	3.087	8.4	20.2
12 17	6 36.93	+14 42.3	2.135	3.093	5.1	20.0
12 27	6 28.92	+15 16.9	2.123	3.099	2.6	19.9
1 6	6 20.82	+15 57.1	2.140	3.106	4.0	20.0
1 16	6 13.49	+16 40.7	2.186	3.113	7.2	20.2
1 26	6 7.72	+17 25.6	2.259	3.120	10.3	20.4
2 5	6 4.02	+18 10.3	2.356	3.128	13.0	20.6

415482 2014 OS_{196} 12 28.0 38.°28 4.°6/28.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 51.07	+11 20.9	1.692	2.533	14.3	20.6
12 7	6 45.42	+11 3.0	1.643	2.551	10.7	20.4
12 17	6 37.75	+10 57.0	1.618	2.569	7.0	20.2
12 27	6 28.99	+11 3.7	1.619	2.588	4.7	20.1
1 6	6 20.31	+11 22.0	1.648	2.607	5.9	20.2
1 16	6 12.77	+11 50.2	1.704	2.627	9.2	20.5
1 26	6 7.27	+12 25.4	1.784	2.647	12.5	20.7
2 5	6 4.31	+13 4.9	1.887	2.668	15.4	21.0

91837 1999 TB_{311} 12 28.0 153.°73 0.°1/28.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 52.73	+22 46.2	2.258	3.102	11.1	19.6
12 7	6 46.43	+23 2.1	2.188	3.105	7.9	19.4
12 17	6 38.28	+23 19.1	2.143	3.108	4.3	19.2
12 27	6 29.06	+23 35.4	2.128	3.111	0.4	18.9
1 6	6 19.74	+23 49.4	2.143	3.114	3.5	19.2
1 16	6 11.28	+24 0.5	2.188	3.116	7.1	19.4
1 26	6 4.54	+24 8.9	2.260	3.119	10.4	19.6
2 5	6 0.06	+24 15.2	2.355	3.121	13.2	19.8

127417 2002 NK_{11} 12 28.0 140.°55 0.°5/28.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 51.64	+21 15.2	2.440	3.282	10.5	20.5
12 7	6 45.51	+21 20.6	2.371	3.287	7.4	20.3
12 17	6 37.73	+21 27.8	2.328	3.292	4.0	20.1
12 27	6 29.01	+21 35.6	2.314	3.297	0.6	19.8
1 6	6 20.23	+21 43.0	2.331	3.302	3.3	20.1
1 16	6 12.24	+21 49.5	2.378	3.306	6.7	20.3
1 26	6 5.81	+21 55.3	2.453	3.311	9.7	20.5
2 5	6 1.45	+22 0.7	2.551	3.315	12.3	20.7

130222 2000 BM 12 28.0 261.°48 1.°4/27.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 53.28	+27 48.1	2.230	3.075	11.2	19.9
12 7	6 46.89	+27 47.3	2.155	3.072	8.0	19.7
12 17	6 38.55	+27 43.0	2.106	3.070	4.5	19.4
12 27	6 29.09	+27 33.4	2.086	3.067	1.4	19.2
1 6	6 19.55	+27 17.8	2.096	3.065	3.8	19.4
1 16	6 10.96	+26 56.9	2.135	3.062	7.4	19.6
1 26	6 4.20	+26 32.4	2.202	3.060	10.7	19.8
2 5	5 59.82	+26 6.7	2.291	3.057	13.5	20.0

493892 2015 XE_{196} 12 28.0 41.°06 1.°7/28.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 52.71	+19 8.2	1.862	2.711	12.9	21.5
12 7	6 46.62	+18 51.3	1.796	2.715	9.3	21.3
12 17	6 38.45	+18 37.9	1.755	2.719	5.2	21.0
12 27	6 29.09	+18 27.9	1.742	2.723	1.8	20.8
1 6	6 19.69	+18 20.9	1.758	2.728	4.3	21.0
1 16	6 11.34	+18 17.0	1.803	2.733	8.3	21.2
1 26	6 4.99	+18 16.4	1.873	2.737	11.9	21.5
2 5	6 1.20	+18 18.8	1.965	2.742	15.0	21.7

222996 2002 RZ_{152} 12 28.0 92.°26 1.°4/28.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 0.00	+27 13.2	1.453	2.307	15.5	20.1
12 7	6 52.20	+27 9.3	1.400	2.322	11.1	19.8
12 17	6 41.55	+27 1.0	1.371	2.336	6.1	19.6
12 27	6 29.39	+26 45.5	1.368	2.351	1.5	19.3
1 6	6 17.39	+26 22.4	1.394	2.365	5.0	19.6
1 16	6 7.11	+25 53.4	1.447	2.379	9.8	19.9
1 26	5 59.74	+25 22.2	1.525	2.392	14.0	20.2
2 5	5 55.82	+24 52.0	1.623	2.406	17.5	20.5

442921 2013 CY_{44} 12 28.0 33.°02 0.°2/28.0 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 54.09	+22 13.1	1.468	2.329	15.0	21.4
12 7	6 48.10	+22 40.5	1.411	2.336	10.7	21.2
12 17	6 39.43	+23 11.4	1.377	2.344	5.8	20.9
12 27	6 29.20	+23 42.1	1.369	2.352	0.6	20.5
1 6	6 18.88	+24 9.6	1.389	2.361	4.7	20.9
1 16	6 9.93	+24 32.2	1.436	2.371	9.5	21.2
1 26	6 3.54	+24 50.0	1.507	2.380	13.8	21.5
2 5	6 0.35	+25 4.0	1.598	2.390	17.3	21.7

116582 2004 BD_{93} 12 28.0 196°.40 7°.5/29.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 51.72	+ 1 59.9	2.061	2.860	13.7	19.8
12 7	6 45.76	+ 1 22.0	1.990	2.859	11.2	19.7
12 17	6 37.96	+ 1 0.6	1.943	2.857	8.8	19.5
12 27	6 29.07	+ 0 58.2	1.921	2.855	7.5	19.4
1 6	6 20.04	+ 1 15.6	1.928	2.853	8.1	19.5
1 16	6 11.83	+ 1 51.1	1.961	2.851	10.2	19.6
1 26	6 5.31	+ 2 41.3	2.020	2.849	12.7	19.8
2 5	6 1.02	+ 3 41.8	2.100	2.846	15.2	19.9

10996 Armandspitz 12 28.0 91°.69 0°.2/28.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 51.38	+21 29.5	2.391	3.233	10.6	17.9
12 7	6 45.35	+21 46.8	2.327	3.244	7.5	17.7
12 17	6 37.66	+22 6.2	2.290	3.255	4.1	17.5
12 27	6 29.04	+22 25.9	2.283	3.266	0.5	17.3
1 6	6 20.37	+22 44.5	2.306	3.277	3.3	17.5
1 16	6 12.53	+23 1.1	2.359	3.287	6.7	17.8
1 26	6 6.28	+23 15.5	2.439	3.298	9.7	18.0
2 5	6 2.11	+23 28.1	2.543	3.308	12.3	18.2

42714 1998 QW_{38} 12 28.0 147°.16 1°.1/27.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 56.78	+26 45.5	2.165	3.005	11.6	19.7
12 7	6 49.31	+26 46.2	2.099	3.015	8.3	19.5
12 17	6 39.83	+26 43.8	2.060	3.023	4.6	19.3
12 27	6 29.25	+26 36.5	2.050	3.032	1.1	19.0
1 6	6 18.68	+26 23.5	2.070	3.039	3.8	19.2
1 16	6 9.20	+26 5.6	2.121	3.047	7.5	19.5
1 26	6 1.70	+25 44.6	2.199	3.053	10.8	19.7
2 5	5 56.71	+25 22.8	2.300	3.059	13.6	19.9

449138 2013 AV_{56} 12 28.0 231°.69 1°.1/28.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 54.41	+18 24.4	2.071	2.911	12.1	21.4
12 7	6 47.89	+18 50.8	1.987	2.901	8.7	21.2
12 17	6 39.24	+19 23.2	1.928	2.891	4.9	20.9
12 27	6 29.22	+19 59.5	1.898	2.880	1.2	20.7
1 6	6 18.88	+20 37.2	1.898	2.869	3.9	20.8
1 16	6 9.35	+21 14.4	1.928	2.857	8.0	21.1
1 26	6 1.62	+21 49.7	1.986	2.844	11.6	21.3
2 5	5 56.39	+22 22.8	2.066	2.832	14.7	21.5

457423 2008 UR_{17} 12 28.0 186°.44 2°.8/27.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 53.57	+32 7.4	2.693	3.527	9.8	21.8
12 7	6 46.95	+32 38.1	2.618	3.527	7.2	21.7
12 17	6 38.57	+33 3.9	2.571	3.526	4.5	21.5
12 27	6 29.15	+33 21.8	2.553	3.525	2.8	21.4
1 6	6 19.59	+33 30.0	2.566	3.524	4.2	21.5
1 16	6 10.82	+33 28.6	2.608	3.522	6.9	21.6
1 26	6 3.66	+33 18.9	2.678	3.520	9.5	21.8
2 5	5 58.64	+33 3.3	2.772	3.518	11.9	22.0

83176 2001 QO_{286} 12 28.0 120°.39 4°.6/28.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 50.07	+ 8 52.3	2.553	3.369	10.8	19.8
12 7	6 44.26	+ 8 9.7	2.486	3.376	8.4	19.6
12 17	6 37.02	+ 7 35.9	2.445	3.382	6.0	19.5
12 27	6 28.99	+ 7 12.4	2.433	3.388	4.6	19.4
1 6	6 20.94	+ 6 59.9	2.450	3.395	5.5	19.4
1 16	6 13.60	+ 6 58.5	2.497	3.401	7.7	19.6
1 26	6 7.64	+ 7 6.8	2.570	3.406	10.1	19.8
2 5	6 3.51	+ 7 22.9	2.667	3.412	12.3	19.9

379140 2009 EK_{16} 12 28.0 343°.47 6°.4/28.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 47.83	+11 52.2	1.126	1.996	17.9	20.7
12 7	6 44.28	+11 10.8	1.055	1.978	13.7	20.4
12 17	6 37.68	+10 44.0	1.005	1.962	9.3	20.1
12 27	6 29.08	+10 35.2	0.976	1.947	6.4	19.9
1 6	6 20.06	+10 46.0	0.971	1.935	8.2	19.9
1 16	6 12.30	+11 14.8	0.989	1.924	12.8	20.1
1 26	6 7.31	+11 58.1	1.027	1.915	17.5	20.4
2 5	6 5.93	+12 50.5	1.083	1.908	21.7	20.6

157181 2004 PF_{83} 12 28.0 146°.11 0°.2/28.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 56.94	+21 38.4	1.988	2.829	12.5	20.8
12 7	6 49.55	+21 54.5	1.924	2.840	8.9	20.6
12 17	6 40.03	+22 12.7	1.886	2.850	4.8	20.4
12 27	6 29.29	+22 30.7	1.876	2.860	0.5	20.1
1 6	6 18.49	+22 46.6	1.898	2.868	3.9	20.3
1 16	6 8.78	+22 59.8	1.949	2.876	7.9	20.6
1 26	6 1.13	+23 10.4	2.026	2.884	11.5	20.8
2 5	5 56.09	+23 19.3	2.127	2.890	14.4	21.1

229353 2005 QN_{65} 12 28.0 74°.94 3°.6/28.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 58.62	+15 7.4	1.428	2.274	16.2	20.1
12 7	6 50.89	+14 49.1	1.390	2.304	11.8	19.9
12 17	6 40.71	+14 40.2	1.374	2.334	7.1	19.8
12 27	6 29.34	+14 40.6	1.386	2.363	3.6	19.6
1 6	6 18.27	+14 49.3	1.426	2.392	5.7	19.8
1 16	6 8.85	+15 4.8	1.493	2.420	9.9	20.1
1 26	6 2.08	+15 25.6	1.584	2.448	13.7	20.4
2 5	5 58.41	+15 49.9	1.696	2.476	16.9	20.7

271460 2004 EZ_{69} 12 28.0 310°.08 4°.7/28.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 53.88	+12 58.0	1.363	2.216	16.4	20.9
12 7	6 48.17	+12 38.6	1.292	2.207	12.4	20.6
12 17	6 39.62	+12 31.7	1.242	2.199	7.9	20.3
12 27	6 29.27	+12 38.4	1.218	2.192	4.8	20.1
1 6	6 18.59	+12 58.1	1.220	2.184	6.7	20.2
1 16	6 9.14	+13 29.0	1.247	2.177	11.2	20.5
1 26	6 2.26	+14 8.2	1.298	2.170	15.6	20.7
2 5	5 58.71	+14 52.4	1.367	2.163	19.5	20.9

96710 1999 JN_{135} 12 28.0 225°.56 3°.9/28.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 56.42	+12 54.9	1.605	2.444	15.1	20.1
12 7	6 49.71	+12 54.5	1.527	2.437	11.3	19.9
12 17	6 40.37	+13 5.9	1.473	2.428	7.1	19.6
12 27	6 29.34	+13 29.0	1.445	2.420	4.0	19.4
1 6	6 17.97	+14 2.2	1.446	2.410	5.9	19.5
1 16	6 7.66	+14 43.0	1.474	2.400	10.1	19.7
1 26	5 59.65	+15 28.9	1.528	2.390	14.3	19.9
2 5	5 54.70	+16 17.2	1.602	2.379	17.9	20.1

515510 2014 EX_{19} 12 28.0 85°.12 3°.6/28.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 54.96	+13 18.5	1.588	2.431	15.0	21.0
12 7	6 48.42	+13 25.0	1.532	2.444	11.1	20.8
12 17	6 39.50	+13 42.9	1.499	2.456	6.8	20.5
12 27	6 29.25	+14 11.4	1.493	2.469	3.7	20.4
1 6	6 18.97	+14 48.3	1.515	2.481	5.4	20.5
1 16	6 9.93	+15 30.7	1.565	2.494	9.4	20.8
1 26	6 3.20	+16 16.1	1.640	2.506	13.3	21.0
2 5	5 59.36	+17 2.1	1.736	2.518	16.5	21.3

500455 2012 TC_{205} 12 28.0 73°.28 3°.2/28.1 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 56.94	+17 24.1	1.482	2.333	15.4	21.6
12 7	6 49.80	+16 42.3	1.432	2.350	11.2	21.4
12 17	6 40.19	+16 6.3	1.406	2.367	6.6	21.2
12 27	6 29.31	+15 37.1	1.406	2.384	3.2	21.0
1 6	6 18.59	+15 15.6	1.435	2.401	5.6	21.2
1 16	6 9.38	+15 2.4	1.490	2.418	9.8	21.5
1 26	6 2.71	+14 57.3	1.570	2.435	13.8	21.8
2 5	5 59.09	+14 59.1	1.671	2.452	17.1	22.1

176357 2001 TY_{98} 12 28.0 240°.41 4°.8/28.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 52.15	+10 33.8	2.027	2.855	12.8	20.2
12 7	6 46.15	+ 9 59.5	1.950	2.850	9.8	20.0
12 17	6 38.23	+ 9 34.8	1.898	2.844	6.7	19.8
12 27	6 29.15	+ 9 21.3	1.874	2.838	4.8	19.6
1 6	6 19.91	+ 9 19.7	1.879	2.832	6.0	19.7
1 16	6 11.51	+ 9 29.5	1.911	2.826	9.0	19.9
1 26	6 4.85	+ 9 49.2	1.970	2.819	12.1	20.1
2 5	6 0.53	+10 16.4	2.050	2.813	15.0	20.2

342081 2008 SU_{40} 12 28.0 87°.80 1°.2/27.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 59.41	+25 34.8	1.622	2.471	14.4	21.3
12 7	6 51.49	+25 51.7	1.576	2.496	10.2	21.1
12 17	6 41.09	+26 6.7	1.556	2.521	5.5	20.9
12 27	6 29.41	+26 16.6	1.563	2.545	1.3	20.7
1 6	6 17.93	+26 19.6	1.599	2.569	4.5	21.0
1 16	6 8.01	+26 16.1	1.663	2.592	8.9	21.3
1 26	6 0.69	+26 8.2	1.753	2.615	12.7	21.6
2 5	5 56.48	+25 58.3	1.864	2.638	15.9	21.8

365281 2009 QM_{55} 12 28.0 107°.56 5°.8/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 50.81	+ 6 20.2	2.121	2.937	12.8	20.9
12 7	6 45.07	+ 5 50.8	2.054	2.941	10.0	20.8
12 17	6 37.57	+ 5 34.4	2.012	2.944	7.4	20.6
12 27	6 29.09	+ 5 32.7	1.997	2.948	5.9	20.5
1 6	6 20.52	+ 5 45.8	2.010	2.952	6.6	20.6
1 16	6 12.79	+ 6 12.5	2.051	2.955	9.0	20.7
1 26	6 6.68	+ 6 50.2	2.117	2.959	11.7	20.9
2 5	6 2.72	+ 7 35.4	2.206	2.962	14.2	21.1

486037 2012 TK_{100} 12 28.0 61°.56 0°.7/28.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 57.93	+22 16.7	1.372	2.231	16.0	21.2
12 7	6 50.65	+22 2.9	1.329	2.253	11.3	21.0
12 17	6 40.69	+21 50.6	1.309	2.276	6.1	20.7
12 27	6 29.38	+21 38.4	1.316	2.299	0.9	20.5
1 6	6 18.33	+21 25.9	1.350	2.322	4.8	20.8
1 16	6 9.01	+21 13.9	1.411	2.345	9.7	21.1
1 26	6 2.50	+21 3.6	1.496	2.368	14.0	21.4
2 5	5 59.28	+20 55.9	1.602	2.391	17.4	21.7

193154 2000 JP_{43} 12 28.0 157°.38 3°.6/27.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 53.78	+34 18.7	2.641	3.473	10.1	20.6
12 7	6 47.19	+35 1.8	2.572	3.476	7.5	20.4
12 17	6 38.74	+35 38.8	2.529	3.479	5.0	20.2
12 27	6 29.21	+36 6.2	2.516	3.482	3.6	20.2
1 6	6 19.53	+36 21.7	2.534	3.485	4.8	20.2
1 16	6 10.69	+36 25.1	2.581	3.487	7.3	20.4
1 26	6 3.52	+36 18.2	2.654	3.490	9.8	20.6
2 5	5 58.59	+36 3.6	2.751	3.492	12.1	20.7

42035 2000 YG_{96} 12 28.1 104°.57 2°.6/28.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 58.44	+15 42.6	1.517	2.361	15.5	19.0
12 7	6 50.93	+15 57.1	1.465	2.380	11.2	18.8
12 17	6 40.87	+16 21.0	1.438	2.399	6.5	18.6
12 27	6 29.42	+16 52.1	1.438	2.417	2.7	18.4
1 6	6 18.02	+17 27.9	1.466	2.435	5.1	18.6
1 16	6 8.06	+18 5.6	1.523	2.452	9.5	18.9
1 26	6 0.65	+18 43.6	1.604	2.469	13.6	19.2
2 5	5 56.37	+19 20.5	1.707	2.485	16.9	19.4

469477 2002 SM_{12} 12 28.1 48°.88 4°.6/28.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 56.50	+13 24.0	1.114	1.975	18.7	20.6
12 7	6 49.90	+13 13.6	1.079	2.000	13.7	20.4
12 17	6 40.36	+13 18.0	1.066	2.026	8.5	20.2
12 27	6 29.36	+13 36.7	1.076	2.052	4.7	20.0
1 6	6 18.65	+14 6.9	1.112	2.079	6.7	20.2
1 16	6 9.84	+14 45.4	1.173	2.106	11.3	20.6
1 26	6 4.08	+15 28.5	1.256	2.134	15.6	20.9
2 5	6 1.83	+16 13.0	1.358	2.162	19.2	21.2

380516 2004 FX_{95} 12 28.1 266°.17 0°.9/27.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 56.69	+23 19.4	1.505	2.361	14.9	20.3
12 7	6 50.25	+23 57.5	1.428	2.352	10.7	20.0
12 17	6 40.82	+24 39.2	1.376	2.342	5.9	19.7
12 27	6 29.44	+25 19.9	1.350	2.333	1.0	19.3
1 6	6 17.63	+25 55.4	1.352	2.323	5.0	19.6
1 16	6 7.00	+26 23.3	1.381	2.313	10.1	19.9
1 26	5 59.00	+26 43.9	1.435	2.303	14.7	20.1
2 5	5 54.46	+26 58.8	1.509	2.294	18.5	20.3

328388 2008 RD_{97} 12 28.1 153°.27 1°.1/27.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 52.55	+27 2.1	2.902	3.737	9.1	22.2
12 7	6 46.01	+27 15.6	2.832	3.746	6.5	22.0
12 17	6 37.99	+27 27.0	2.791	3.753	3.6	21.8
12 27	6 29.15	+27 34.5	2.779	3.761	1.2	21.7
1 6	6 20.26	+27 37.2	2.800	3.767	3.1	21.8
1 16	6 12.11	+27 35.1	2.851	3.774	6.0	22.0
1 26	6 5.37	+27 28.9	2.930	3.779	8.6	22.2
2 5	6 0.49	+27 20.0	3.034	3.785	10.8	22.4

59152 1998 XN_{97} 12 28.1 63°.83 9°.8/27.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 6.03	+42 32.8	1.311	2.148	17.9	17.9
12 7	6 57.41	+44 7.2	1.279	2.173	14.3	17.7
12 17	6 44.72	+45 20.1	1.269	2.198	11.2	17.6
12 27	6 29.79	+46 0.6	1.283	2.223	9.8	17.6
1 6	6 15.11	+46 4.6	1.322	2.248	11.0	17.8
1 16	6 2.97	+45 36.1	1.385	2.273	13.7	18.0
1 26	5 54.94	+44 44.6	1.469	2.298	16.6	18.2
2 5	5 51.50	+43 40.7	1.572	2.323	19.2	18.5

280555 2004 RJ_{278} 12 28.1 140°.70 1°.8/28.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 57.32	+19 16.7	1.909	2.749	13.0	21.0
12 7	6 49.79	+18 50.4	1.846	2.760	9.3	20.8
12 17	6 40.15	+18 26.6	1.808	2.770	5.3	20.5
12 27	6 29.37	+18 5.5	1.800	2.780	1.9	20.3
1 6	6 18.61	+17 47.4	1.821	2.789	4.4	20.5
1 16	6 9.03	+17 32.7	1.872	2.798	8.3	20.8
1 26	6 1.56	+17 22.3	1.949	2.806	11.9	21.0
2 5	5 56.72	+17 16.1	2.049	2.813	14.9	21.2

107788 2001 FG_{52} 12 28.1 201°.52 3°.0/28.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 53.73	+14 34.1	2.201	3.032	11.8	20.5
12 7	6 47.17	+14 14.4	2.122	3.028	8.7	20.3
12 17	6 38.76	+14 0.9	2.069	3.024	5.4	20.1
12 27	6 29.24	+13 54.1	2.045	3.020	3.1	20.0
1 6	6 19.58	+13 53.9	2.052	3.014	4.6	20.1
1 16	6 10.74	+13 59.9	2.088	3.009	7.9	20.2
1 26	6 3.58	+14 11.4	2.151	3.003	11.1	20.4
2 5	5 58.68	+14 27.3	2.236	2.996	13.9	20.6

97116 1999 VJ_{90} 12 28.1 296°.26 0°.1/28.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 54.54	+22 52.9	1.650	2.505	13.9	18.7
12 7	6 48.41	+23 5.7	1.575	2.498	10.0	18.4
12 17	6 39.68	+23 20.4	1.524	2.491	5.4	18.1
12 27	6 29.35	+23 34.4	1.500	2.484	0.5	17.8
1 6	6 18.75	+23 45.8	1.505	2.477	4.5	18.0
1 16	6 9.28	+23 53.5	1.537	2.470	9.2	18.3
1 26	6 2.14	+23 58.4	1.594	2.463	13.4	18.5
2 5	5 58.04	+24 1.5	1.672	2.457	16.9	18.8

356097 2009 EO_{4} 12 28.1 212°.01 8°.5/27.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 3.55	+46 59.0	2.050	2.851	13.7	20.9
12 7	6 55.03	+47 53.4	1.982	2.847	11.4	20.8
12 17	6 43.32	+48 30.2	1.938	2.843	9.4	20.6
12 27	6 29.70	+48 42.0	1.919	2.839	8.5	20.6
1 6	6 15.92	+48 25.4	1.928	2.834	9.3	20.6
1 16	6 3.73	+47 42.3	1.962	2.829	11.3	20.7
1 26	5 54.54	+46 38.8	2.021	2.824	13.7	20.9
2 5	5 49.05	+45 23.0	2.101	2.819	16.0	21.0

345743 2007 DC_{106} 12 28.1 195°.31 2°.0/28.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 55.92	+17 12.8	2.044	2.880	12.4	22.8
12 7	6 48.89	+17 9.9	1.966	2.877	9.0	22.6
12 17	6 39.76	+17 12.2	1.914	2.874	5.2	22.3
12 27	6 29.37	+17 18.9	1.891	2.870	2.1	22.1
1 6	6 18.80	+17 29.3	1.898	2.866	4.3	22.3
1 16	6 9.15	+17 42.4	1.935	2.860	8.1	22.5
1 26	6 1.38	+17 57.7	1.999	2.854	11.7	22.7
2 5	5 56.12	+18 14.7	2.085	2.848	14.7	22.9

147534 2004 EF_{6} 12 28.1 227°.10 0°.7/28.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 56.95	+21 8.2	1.719	2.566	13.8	20.8
12 7	6 50.05	+21 11.6	1.639	2.558	10.0	20.6
12 17	6 40.56	+21 17.9	1.585	2.550	5.5	20.3
12 27	6 29.46	+21 25.0	1.558	2.541	0.9	19.9
1 6	6 18.07	+21 31.6	1.560	2.531	4.5	20.2
1 16	6 7.77	+21 37.0	1.591	2.521	9.1	20.4
1 26	5 59.76	+21 41.7	1.647	2.511	13.3	20.7
2 5	5 54.77	+21 46.4	1.725	2.500	16.9	20.9

306587 2000 FL_{24} 12 28.1 159°.89 0°.2/28.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 54.01	+22 43.5	2.997	3.827	9.0	21.7
12 7	6 47.01	+23 8.3	2.925	3.837	6.4	21.5
12 17	6 38.54	+23 33.9	2.882	3.845	3.5	21.4
12 27	6 29.25	+23 58.3	2.870	3.853	0.4	21.1
1 6	6 19.88	+24 20.2	2.891	3.861	2.8	21.3
1 16	6 11.17	+24 38.7	2.944	3.867	5.8	21.5
1 26	6 3.81	+24 53.8	3.025	3.872	8.4	21.7
2 5	5 58.25	+25 6.3	3.132	3.877	10.6	21.9

364895 2008 EX_{76} 12 28.1 185°.68 0°.5/28.0 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 53.80	+23 51.6	2.116	2.961	11.7	22.0
12 7	6 47.39	+24 9.9	2.043	2.961	8.3	21.8
12 17	6 38.95	+24 28.8	1.995	2.961	4.5	21.6
12 27	6 29.30	+24 45.9	1.977	2.960	0.6	21.3
1 6	6 19.50	+24 59.4	1.989	2.960	3.7	21.5
1 16	6 10.62	+25 8.7	2.030	2.959	7.6	21.7
1 26	6 3.60	+25 14.3	2.098	2.958	11.1	22.0
2 5	5 59.04	+25 17.3	2.189	2.957	14.0	22.2

269214 2008 LW_{11} 12 28.1 179°.75 2°.9/28.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 56.27	+15 11.6	1.830	2.667	13.6	21.8
12 7	6 49.28	+15 7.1	1.759	2.669	10.0	21.6
12 17	6 40.01	+15 10.4	1.712	2.670	6.0	21.4
12 27	6 29.41	+15 21.0	1.693	2.670	3.0	21.2
1 6	6 18.64	+15 37.9	1.704	2.670	4.9	21.3
1 16	6 8.92	+15 59.7	1.744	2.669	8.9	21.5
1 26	6 1.27	+16 25.1	1.809	2.668	12.6	21.8
2 5	5 56.35	+16 52.9	1.897	2.665	15.8	22.0

45483 2000 AP_{235} 12 28.1 115°.68 1°.1/28.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 51.89	+18 41.8	2.419	3.257	10.7	19.4
12 7	6 45.72	+18 55.5	2.355	3.269	7.6	19.2
12 17	6 37.91	+19 13.1	2.317	3.280	4.2	19.0
12 27	6 29.19	+19 33.3	2.309	3.291	1.2	18.8
1 6	6 20.43	+19 54.6	2.332	3.302	3.3	19.0
1 16	6 12.48	+20 16.1	2.385	3.313	6.7	19.2
1 26	6 6.07	+20 37.1	2.465	3.323	9.7	19.4
2 5	6 1.71	+20 57.3	2.569	3.333	12.2	19.6

70401 Davidbishop 12 28.1 190°.84 1°.5/28.4 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 54.91	+17 27.0	2.176	3.011	11.8	20.1
12 7	6 48.11	+17 43.1	2.098	3.010	8.5	19.9
12 17	6 39.33	+18 4.8	2.047	3.008	4.9	19.7
12 27	6 29.36	+18 30.6	2.025	3.006	1.6	19.4
1 6	6 19.19	+18 58.8	2.033	3.002	3.9	19.6
1 16	6 9.86	+19 27.8	2.072	2.999	7.6	19.8
1 26	6 2.28	+19 56.6	2.138	2.994	11.0	20.0
2 5	5 57.05	+20 24.7	2.227	2.989	13.9	20.2

193726 2001 FQ_{139} 12 28.1 222°.15 5°.4/27.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 56.32	+39 28.9	2.461	3.283	11.0	20.3
12 7	6 49.30	+40 17.5	2.387	3.278	8.6	20.2
12 17	6 40.05	+40 56.3	2.339	3.273	6.4	20.0
12 27	6 29.44	+41 20.7	2.319	3.268	5.4	19.9
1 6	6 18.60	+41 27.9	2.328	3.263	6.4	20.0
1 16	6 8.72	+41 18.1	2.366	3.257	8.6	20.1
1 26	6 0.84	+40 54.2	2.429	3.252	11.1	20.3
2 5	5 55.61	+40 20.4	2.515	3.246	13.3	20.4

493466 2014 WW_{462} 12 28.1 139°.89 1°.8/27.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 52.93	+27 29.5	2.462	3.303	10.4	21.5
12 7	6 46.62	+28 9.3	2.393	3.308	7.4	21.3
12 17	6 38.49	+28 47.6	2.350	3.312	4.2	21.1
12 27	6 29.29	+29 21.2	2.337	3.317	1.8	21.0
1 6	6 19.95	+29 47.8	2.355	3.321	3.8	21.1
1 16	6 11.40	+30 6.4	2.403	3.325	7.0	21.3
1 26	6 4.51	+30 17.8	2.478	3.329	9.9	21.5
2 5	5 59.80	+30 23.3	2.576	3.332	12.4	21.7

279576 2011 DZ_{17} 12 28.1 308°67 0°9/27.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 52.13	+25 19.6	2.082	2.932	11.7	21.2
12 7	6 46.33	+25 35.2	2.002	2.923	8.4	21.0
12 17	6 38.45	+25 50.3	1.948	2.913	4.6	20.8
12 27	6 29.29	+26 2.6	1.922	2.905	1.0	20.5
1 6	6 19.92	+26 10.3	1.925	2.896	3.9	20.7
1 16	6 11.43	+26 13.0	1.958	2.887	7.8	20.9
1 26	6 4.78	+26 11.5	2.016	2.879	11.3	21.1
2 5	6 0.62	+26 7.2	2.097	2.871	14.3	21.3

312381 2008 ED_{75} 12 28.1 208°79 1°9/28.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 52.69	+17 17.0	2.020	2.863	12.3	21.2
12 7	6 46.63	+17 20.5	1.947	2.861	8.9	21.0
12 17	6 38.56	+17 29.7	1.898	2.860	5.1	20.8
12 27	6 29.31	+17 43.8	1.878	2.859	2.0	20.6
1 6	6 19.89	+18 1.6	1.888	2.857	4.1	20.7
1 16	6 11.37	+18 21.7	1.927	2.855	7.9	21.0
1 26	6 4.67	+18 43.4	1.992	2.854	11.4	21.2
2 5	6 0.38	+19 5.9	2.079	2.852	14.4	21.4

5490 Burbidge 12 28.1 330°32 2°4/28.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 54.02	+18 55.2	1.234	2.101	16.8	16.9
12 7	6 48.60	+18 35.0	1.165	2.092	12.3	16.6
12 17	6 40.03	+18 20.4	1.116	2.082	7.1	16.3
12 27	6 29.47	+18 11.4	1.092	2.074	2.5	16.0
1 6	6 18.58	+18 7.6	1.094	2.066	5.8	16.1
1 16	6 9.09	+18 8.8	1.121	2.058	11.3	16.4
1 26	6 2.49	+18 15.0	1.170	2.052	16.3	16.7
2 5	5 59.55	+18 25.5	1.238	2.046	20.4	16.9

79266 1995 OV_{3} 12 28.1 18°59 2°2/28.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 52.52	+18 30.2	0.984	1.864	18.9	18.7
12 7	6 47.75	+18 31.3	0.938	1.871	13.7	18.4
12 17	6 39.56	+18 41.9	0.911	1.879	7.7	18.1
12 27	6 29.41	+19 0.2	0.907	1.889	2.4	17.8
1 6	6 19.24	+19 23.4	0.927	1.900	6.0	18.1
1 16	6 10.94	+19 49.2	0.970	1.913	11.8	18.5
1 26	6 5.94	+20 15.8	1.034	1.926	16.9	18.8
2 5	6 4.85	+20 41.9	1.115	1.941	21.1	19.1

117084 2004 LD_{17} 12 28.1 83°12 5°8/26.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 2.56	+30 57.5	1.496	2.345	15.5	19.1
12 7	6 54.77	+33 14.9	1.441	2.355	11.5	18.9
12 17	6 43.47	+35 29.7	1.412	2.366	7.6	18.7
12 27	6 29.83	+37 29.4	1.411	2.377	5.8	18.6
1 6	6 15.66	+39 4.2	1.439	2.387	8.1	18.7
1 16	6 2.94	+40 10.5	1.495	2.398	11.8	19.0
1 26	5 53.34	+40 50.8	1.574	2.409	15.4	19.2
2 5	5 47.77	+41 11.6	1.673	2.419	18.4	19.5

388900 2008 SU_{35} 12 28.1 325°10 4°7/28.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 53.25	+12 50.2	1.462	2.311	15.7	20.5
12 7	6 47.60	+12 25.7	1.391	2.305	11.8	20.2
12 17	6 39.31	+12 12.6	1.344	2.299	7.6	20.0
12 27	6 29.40	+12 12.3	1.321	2.294	4.8	19.8
1 6	6 19.25	+12 24.6	1.325	2.289	6.5	19.9
1 16	6 10.26	+12 48.2	1.356	2.284	10.7	20.1
1 26	6 3.65	+13 20.7	1.410	2.279	14.8	20.4
2 5	6 0.15	+13 59.0	1.484	2.275	18.4	20.6

295168 2008 FG_{71} 12 28.1 209°60 2°0/28.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 52.54	+16 49.6	2.085	2.925	12.0	20.7
12 7	6 46.48	+16 54.4	2.010	2.924	8.7	20.4
12 17	6 38.48	+17 5.1	1.961	2.922	5.1	20.2
12 27	6 29.32	+17 21.1	1.940	2.919	2.1	20.0
1 6	6 19.99	+17 40.9	1.949	2.917	4.1	20.1
1 16	6 11.51	+18 3.3	1.987	2.915	7.8	20.4
1 26	6 4.79	+18 27.4	2.051	2.912	11.2	20.6
2 5	6 0.41	+18 52.3	2.138	2.909	14.2	20.8

227115 2005 NW_{61} 12 28.1 45°49 1°3/28.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 56.16	+19 23.9	1.171	2.038	17.5	20.4
12 7	6 49.88	+19 40.5	1.127	2.055	12.5	20.2
12 17	6 40.53	+20 4.2	1.106	2.073	6.9	19.9
12 27	6 29.51	+20 31.9	1.108	2.091	1.5	19.6
1 6	6 18.61	+21 0.3	1.137	2.110	5.3	19.9
1 16	6 9.50	+21 27.3	1.191	2.129	10.7	20.3
1 26	6 3.44	+21 52.2	1.268	2.149	15.3	20.6
2 5	6 0.99	+22 14.7	1.364	2.169	19.0	20.9

229249 2004 XE_{157} 12 28.1 91°04 2°0/27.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 53.94	+27 8.2	2.213	3.057	11.3	20.2
12 7	6 47.47	+27 56.0	2.151	3.067	8.1	20.1
12 17	6 39.00	+28 42.5	2.115	3.078	4.6	19.9
12 27	6 29.38	+29 23.8	2.109	3.088	2.0	19.7
1 6	6 19.64	+29 57.2	2.133	3.098	4.1	19.9
1 16	6 10.83	+30 21.4	2.186	3.109	7.5	20.1
1 26	6 3.87	+30 37.1	2.266	3.119	10.6	20.3
2 5	5 59.32	+30 46.2	2.370	3.129	13.3	20.5

424346 2007 VP_{49} 12 28.1 199°90 0°3/28.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 59.88	+24 28.5	1.534	2.385	15.0	21.5
12 7	6 52.34	+24 24.0	1.462	2.383	10.8	21.2
12 17	6 41.89	+24 18.1	1.414	2.380	5.9	20.9
12 27	6 29.67	+24 8.6	1.394	2.377	0.7	20.5
1 6	6 17.27	+23 54.3	1.402	2.373	4.8	20.8
1 16	6 6.28	+23 36.1	1.438	2.369	9.9	21.1
1 26	5 58.00	+23 16.5	1.498	2.364	14.3	21.4
2 5	5 53.14	+22 57.8	1.579	2.359	18.0	21.6

209818 2005 GE_{96} 12 28.1 145°41 1°0/28.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 54.50	+19 40.1	2.245	3.082	11.4	21.1
12 7	6 47.68	+19 45.2	2.178	3.092	8.1	20.9
12 17	6 39.04	+19 53.3	2.138	3.101	4.5	20.7
12 27	6 29.38	+20 3.3	2.128	3.110	1.1	20.5
1 6	6 19.67	+20 14.0	2.148	3.118	3.6	20.7
1 16	6 10.87	+20 24.7	2.198	3.125	7.2	20.9
1 26	6 3.82	+20 35.3	2.276	3.132	10.4	21.1
2 5	5 59.02	+20 45.9	2.377	3.139	13.1	21.3

503838 2017 KR_{33} 12 28.1 223°11 0°4/28.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 51.43	+19 48.4	2.615	3.452	10.0	21.5
12 7	6 45.48	+20 26.1	2.533	3.447	7.1	21.3
12 17	6 37.89	+21 7.8	2.479	3.442	3.9	21.1
12 27	6 29.28	+21 51.6	2.454	3.437	0.6	20.8
1 6	6 20.46	+22 34.9	2.462	3.432	3.1	21.0
1 16	6 12.26	+23 16.1	2.500	3.427	6.4	21.3
1 26	6 5.46	+23 54.0	2.566	3.421	9.4	21.4
2 5	6 0.60	+24 28.5	2.656	3.416	12.0	21.6

152932 2000 EM_{128} 12 28.1 208°94 0°0/28.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 57.06	+22 8.0	1.882	2.726	13.0	21.0
12 7	6 50.00	+22 26.5	1.803	2.720	9.3	20.8
12 17	6 40.52	+22 47.3	1.750	2.715	5.1	20.5
12 27	6 29.55	+23 7.8	1.725	2.708	0.5	20.1
1 6	6 18.31	+23 25.9	1.730	2.701	4.1	20.4
1 16	6 8.07	+23 40.4	1.765	2.693	8.5	20.7
1 26	5 59.97	+23 51.6	1.825	2.685	12.4	20.9
2 5	5 54.69	+24 0.6	1.908	2.676	15.7	21.1

78281 2002 PL_{39} 12 28.1 97°31 0°5/28.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 52.28	+21 5.4	2.402	3.243	10.6	21.0
12 7	6 45.99	+21 11.1	2.343	3.259	7.5	20.9
12 17	6 38.08	+21 18.7	2.310	3.275	4.1	20.7
12 27	6 29.29	+21 26.9	2.307	3.290	0.7	20.4
1 6	6 20.52	+21 34.7	2.335	3.306	3.2	20.7
1 16	6 12.60	+21 41.8	2.392	3.321	6.6	20.9
1 26	6 6.30	+21 48.1	2.478	3.336	9.6	21.1
2 5	6 2.06	+21 54.0	2.586	3.350	12.1	21.3

495063 2011 EN_{64} 12 28.1 300°51 0°3/28.0 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 51.94	+23 13.5	2.069	2.918	11.7	21.8
12 7	6 46.26	+23 31.4	1.983	2.903	8.4	21.6
12 17	6 38.47	+23 50.9	1.923	2.889	4.6	21.3
12 27	6 29.35	+24 9.7	1.891	2.874	0.5	21.0
1 6	6 19.94	+24 26.0	1.889	2.860	3.8	21.2
1 16	6 11.34	+24 38.8	1.915	2.846	7.8	21.4
1 26	6 4.54	+24 48.2	1.968	2.832	11.5	21.6
2 5	6 0.22	+24 55.0	2.043	2.818	14.6	21.8

127524 2002 VV_{59} 12 28.1 148°71 2°6/27.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 59.38	+27 43.7	1.685	2.533	14.0	20.5
12 7	6 51.87	+28 32.9	1.622	2.540	10.1	20.2
12 17	6 41.60	+29 20.0	1.583	2.546	5.8	20.0
12 27	6 29.66	+29 59.6	1.573	2.552	2.6	19.8
1 6	6 17.55	+30 27.6	1.591	2.557	5.2	20.0
1 16	6 6.75	+30 43.2	1.638	2.562	9.5	20.2
1 26	5 58.53	+30 48.2	1.710	2.567	13.3	20.5
2 5	5 53.57	+30 46.0	1.804	2.571	16.5	20.7

414303 2008 RX_{29} 12 28.1 82°58 0°6/28.0 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 52.78	+24 37.1	2.228	3.073	11.2	21.4
12 7	6 46.51	+24 47.4	2.166	3.084	7.9	21.2
12 17	6 38.43	+24 57.1	2.130	3.095	4.3	21.0
12 27	6 29.34	+25 4.3	2.123	3.106	0.7	20.7
1 6	6 20.23	+25 8.1	2.147	3.117	3.5	21.0
1 16	6 12.07	+25 8.1	2.200	3.128	7.1	21.2
1 26	6 5.68	+25 5.2	2.279	3.139	10.3	21.4
2 5	6 1.56	+25 0.6	2.382	3.150	13.0	21.6

105234 2000 PB_{13} 12 28.1 43°87 5°2/29.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 17.19	+41 7.3	0.989	1.833	21.9	17.1
12 7	7 4.59	+39 16.6	0.949	1.858	16.4	16.8
12 17	6 47.99	+36 52.9	0.930	1.884	10.3	16.6
12 27	6 30.21	+33 57.7	0.936	1.911	5.5	16.4
1 6	6 14.19	+30 44.4	0.971	1.939	7.3	16.6
1 16	6 2.02	+27 32.4	1.034	1.967	12.5	17.0
1 26	5 54.64	+24 38.2	1.121	1.996	17.3	17.4
2 5	5 51.95	+22 10.1	1.228	2.025	21.2	17.7

214410 2005 OG_2 12 28.1 135°.49 2°.4/28.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 54.11	+13 27.4	2.186	3.015	12.0	20.5
12 7	6 47.48	+14 2.8	2.118	3.024	8.8	20.3
12 17	6 39.00	+14 47.7	2.076	3.032	5.3	20.1
12 27	6 29.42	+15 40.1	2.064	3.041	2.5	20.0
1 6	6 19.71	+16 37.2	2.082	3.049	4.1	20.1
1 16	6 10.83	+17 36.2	2.131	3.057	7.5	20.3
1 26	6 3.66	+18 34.6	2.208	3.064	10.7	20.5
2 5	5 58.75	+19 30.7	2.308	3.071	13.5	20.7

435561 2008 RN_{25} 12 28.1 105°.06 0°.0/27.9 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 58.40	+22 54.3	1.713	2.559	13.9	22.2
12 7	6 50.80	+23 3.4	1.660	2.579	9.9	22.0
12 17	6 40.83	+23 13.3	1.632	2.597	5.3	21.8
12 27	6 29.59	+23 21.6	1.632	2.616	0.5	21.5
1 6	6 18.44	+23 26.8	1.662	2.633	4.2	21.8
1 16	6 8.67	+23 28.7	1.721	2.651	8.6	22.1
1 26	6 1.30	+23 28.4	1.805	2.668	12.4	22.4
2 5	5 56.87	+23 27.2	1.911	2.684	15.5	22.6

168457 1999 FE_5 12 28.1 67°.13 5°.5/27.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 2.20	+34 12.5	1.216	2.074	17.7	19.4
12 7	6 54.57	+34 48.1	1.167	2.086	13.1	19.2
12 17	6 43.23	+35 11.6	1.140	2.098	8.5	19.0
12 27	6 29.84	+35 15.6	1.138	2.110	5.6	18.9
1 6	6 16.57	+34 57.4	1.162	2.122	7.6	19.0
1 16	6 5.50	+34 20.1	1.210	2.135	12.0	19.3
1 26	5 58.10	+33 30.7	1.281	2.147	16.2	19.6
2 5	5 54.94	+32 36.7	1.371	2.160	19.8	19.9

485540 2011 UM_{85} 12 28.1 11°.20 0°.1/28.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 54.29	+23 7.8	1.626	2.482	14.0	21.0
12 7	6 48.17	+23 3.8	1.560	2.483	10.0	20.8
12 17	6 39.56	+23 0.3	1.518	2.484	5.5	20.5
12 27	6 29.50	+22 55.9	1.503	2.486	0.6	20.2
1 6	6 19.34	+22 49.4	1.516	2.488	4.4	20.5
1 16	6 10.41	+22 41.3	1.556	2.490	9.0	20.7
1 26	6 3.83	+22 32.6	1.621	2.492	13.1	21.0
2 5	6 0.23	+22 24.6	1.708	2.495	16.5	21.2

447503 2006 SB_{14} 12 28.1 41°.37 5°.4/27.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 57.63	+35 40.8	1.640	2.486	14.4	21.2
12 7	6 50.77	+36 21.2	1.583	2.493	10.9	21.0
12 17	6 41.03	+36 51.1	1.550	2.501	7.3	20.8
12 27	6 29.65	+37 4.5	1.543	2.509	5.4	20.7
1 6	6 18.23	+36 58.7	1.564	2.518	6.9	20.8
1 16	6 8.35	+36 35.2	1.611	2.526	10.3	21.0
1 26	6 1.25	+35 58.6	1.683	2.535	13.7	21.2
2 5	5 57.56	+35 14.6	1.775	2.545	16.7	21.5

522138 2016 AH_{247} 12 28.1 228°.27 1°.8/28.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 52.05	+14 54.6	2.520	3.349	10.6	21.8
12 7	6 45.97	+15 27.6	2.435	3.342	7.7	21.6
12 17	6 38.20	+16 8.1	2.376	3.334	4.6	21.4
12 27	6 29.38	+16 54.9	2.347	3.326	1.9	21.2
1 6	6 20.31	+17 45.5	2.349	3.317	3.6	21.3
1 16	6 11.86	+18 37.8	2.383	3.309	6.8	21.5
1 26	6 4.81	+19 29.7	2.445	3.300	9.9	21.7
2 5	5 59.75	+20 19.9	2.531	3.290	12.5	21.8

323004 2002 PA_{72} 12 28.1 124°.72 4°.7/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 50.38	+ 6 33.3	2.747	3.551	10.5	21.5
12 7	6 44.45	+ 6 7.7	2.685	3.565	8.2	21.4
12 17	6 37.22	+ 5 52.3	2.650	3.580	6.0	21.3
12 27	6 29.27	+ 5 48.0	2.643	3.593	4.7	21.2
1 6	6 21.32	+ 5 54.9	2.667	3.606	5.4	21.3
1 16	6 14.05	+ 6 12.2	2.720	3.619	7.3	21.4
1 26	6 8.06	+ 6 38.0	2.800	3.632	9.5	21.6
2 5	6 3.78	+ 7 10.1	2.903	3.644	11.5	21.7

436804 2012 QZ_{37} 12 28.1 99°.99 6°.2/27.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 3.61	+38 14.4	1.645	2.479	15.0	21.4
12 7	6 54.93	+38 53.4	1.596	2.497	11.5	21.2
12 17	6 43.21	+39 18.1	1.571	2.515	8.0	21.0
12 27	6 29.86	+39 22.2	1.573	2.533	6.2	21.0
1 6	6 16.70	+39 3.7	1.603	2.550	7.5	21.1
1 16	6 5.41	+38 25.3	1.660	2.567	10.6	21.3
1 26	5 57.23	+37 33.5	1.741	2.583	13.8	21.6
2 5	5 52.70	+36 35.2	1.843	2.599	16.6	21.8

132900 2002 RN_{215} 12 28.1 134°.32 4°.2/27.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 54.87	+35 25.4	2.414	3.246	10.9	20.6
12 7	6 48.18	+36 8.8	2.347	3.250	8.2	20.4
12 17	6 39.44	+36 44.9	2.306	3.254	5.6	20.2
12 27	6 29.50	+37 9.6	2.294	3.257	4.2	20.1
1 6	6 19.43	+37 20.5	2.312	3.261	5.4	20.2
1 16	6 10.30	+37 17.7	2.358	3.264	7.9	20.4
1 26	6 3.05	+37 3.4	2.431	3.267	10.6	20.6
2 5	5 58.27	+36 41.2	2.527	3.270	12.9	20.7

128711 2004 RM_{107} 12 28.1 41°.00 0°.9/28.0 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 53.49	+25 13.9	1.854	2.706	12.7	20.0
12 7	6 47.37	+25 27.1	1.792	2.714	9.1	19.7
12 17	6 39.04	+25 39.5	1.755	2.721	5.0	19.5
12 27	6 29.47	+25 48.6	1.746	2.729	1.0	19.2
1 6	6 19.85	+25 52.8	1.766	2.737	4.1	19.5
1 16	6 11.35	+25 52.1	1.814	2.745	8.2	19.8
1 26	6 4.96	+25 47.5	1.888	2.754	11.8	20.0
2 5	6 1.25	+25 40.7	1.984	2.762	14.8	20.2

252554 2001 VK_{105} 12 28.1 50°.96 1°.5/28.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 55.31	+20 59.2	1.615	2.468	14.3	20.1
12 7	6 48.61	+20 28.9	1.567	2.488	10.2	19.9
12 17	6 39.64	+20 0.6	1.542	2.507	5.6	19.7
12 27	6 29.52	+19 34.4	1.545	2.527	1.6	19.5
1 6	6 19.58	+19 10.8	1.577	2.548	4.5	19.7
1 16	6 11.04	+18 50.8	1.636	2.568	8.8	20.0
1 26	6 4.85	+18 35.1	1.721	2.589	12.6	20.3
2 5	6 1.49	+18 24.2	1.827	2.610	15.8	20.6

39022 2000 UP_{54} 12 28.1 87°.47 1°.3/28.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 54.10	+18 48.8	2.093	2.934	12.0	19.2
12 7	6 47.41	+18 55.0	2.041	2.956	8.5	19.0
12 17	6 38.91	+19 5.1	2.015	2.978	4.8	18.8
12 27	6 29.46	+19 18.1	2.017	2.999	1.4	18.6
1 6	6 20.06	+19 32.4	2.050	3.020	3.7	18.8
1 16	6 11.70	+19 47.3	2.113	3.041	7.3	19.1
1 26	6 5.18	+20 2.4	2.202	3.062	10.6	19.3
2 5	6 0.97	+20 17.5	2.314	3.082	13.3	19.5

324674 2007 DX_{63} 12 28.1 331°.37 1°.1/28.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 52.59	+19 48.8	1.999	2.845	12.2	21.7
12 7	6 46.63	+19 51.6	1.926	2.844	8.8	21.5
12 17	6 38.63	+19 58.1	1.879	2.843	4.9	21.3
12 27	6 29.44	+20 7.0	1.860	2.843	1.2	21.0
1 6	6 20.11	+20 17.1	1.871	2.842	3.9	21.2
1 16	6 11.71	+20 27.7	1.911	2.841	7.8	21.4
1 26	6 5.16	+20 38.6	1.977	2.841	11.4	21.6
2 5	6 1.06	+20 49.7	2.065	2.840	14.4	21.9

243012 2006 UT_{139} 12 28.1 52°.41 5°.7/26.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 57.96	+34 39.0	1.707	2.552	14.0	19.8
12 7	6 51.08	+36 5.8	1.653	2.562	10.6	19.6
12 17	6 41.30	+37 24.8	1.623	2.573	7.3	19.4
12 27	6 29.73	+38 28.0	1.621	2.583	5.7	19.4
1 6	6 17.93	+39 10.3	1.647	2.594	7.4	19.5
1 16	6 7.50	+39 30.9	1.700	2.605	10.5	19.7
1 26	5 59.76	+39 32.9	1.777	2.617	13.7	19.9
2 5	5 55.43	+39 21.8	1.874	2.628	16.5	20.1

77550 2001 JW_5 12 28.1 306°.15 3°.3/28.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 52.84	+15 25.6	1.610	2.460	14.5	19.4
12 7	6 47.28	+15 8.9	1.529	2.446	10.7	19.1
12 17	6 39.21	+15 0.2	1.472	2.432	6.6	18.9
12 27	6 29.53	+15 0.1	1.441	2.418	3.4	18.6
1 6	6 19.51	+15 8.2	1.438	2.405	5.5	18.7
1 16	6 10.49	+15 23.7	1.461	2.392	9.8	19.0
1 26	6 3.66	+15 45.3	1.509	2.379	14.0	19.2
2 5	5 59.77	+16 11.2	1.578	2.366	17.6	19.4

206310 2003 HG_{38} 12 28.1 315°.38 2°.1/28.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 51.20	+18 12.0	2.105	2.949	11.8	20.3
12 7	6 45.84	+17 51.3	1.994	2.910	8.6	20.0
12 17	6 38.36	+17 33.8	1.909	2.871	5.1	19.7
12 27	6 29.45	+17 19.6	1.852	2.832	2.1	19.4
1 6	6 20.06	+17 8.8	1.825	2.793	4.3	19.5
1 16	6 11.27	+17 1.9	1.826	2.755	8.3	19.7
1 26	6 4.12	+16 59.0	1.853	2.716	12.1	19.8
2 5	5 59.35	+17 0.2	1.903	2.678	15.5	20.0

401438 2013 CT_{123} 12 28.1 255°.60 3°.5/27.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 57.16	+32 16.7	1.982	2.823	12.5	21.6
12 7	6 50.23	+32 43.7	1.898	2.810	9.3	21.4
12 17	6 40.76	+33 4.4	1.839	2.797	5.8	21.1
12 27	6 29.69	+33 14.6	1.809	2.783	3.5	20.9
1 6	6 18.32	+33 11.6	1.808	2.769	5.4	21.0
1 16	6 7.99	+32 55.7	1.836	2.755	8.9	21.2
1 26	5 59.89	+32 29.7	1.889	2.740	12.5	21.4
2 5	5 54.74	+31 57.6	1.964	2.726	15.5	21.6

197944 2004 RA_{74} 12 28.1 177°.74 2°.1/28.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 55.99	+16 58.2	2.017	2.853	12.5	21.2
12 7	6 48.99	+16 55.2	1.944	2.855	9.1	21.0
12 17	6 39.91	+16 57.6	1.897	2.857	5.3	20.8
12 27	6 29.61	+17 4.9	1.878	2.858	2.2	20.6
1 6	6 19.18	+17 16.0	1.890	2.858	4.3	20.7
1 16	6 9.70	+17 30.1	1.932	2.858	8.1	21.0
1 26	6 2.14	+17 46.5	2.000	2.857	11.6	21.2
2 5	5 57.08	+18 4.6	2.090	2.855	14.6	21.4

139809 2001 RC_{20} 12 28.1 35°.30 0°.5/28.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 54.04	+22 6.0	1.684	2.538	13.7	19.9
12 7	6 47.90	+22 3.0	1.621	2.543	9.8	19.7
12 17	6 39.40	+22 1.7	1.582	2.548	5.3	19.5
12 27	6 29.56	+22 0.6	1.570	2.554	0.7	19.1
1 6	6 19.65	+21 58.7	1.587	2.559	4.2	19.4
1 16	6 10.95	+21 55.9	1.632	2.565	8.7	19.7
1 26	6 4.50	+21 53.1	1.702	2.572	12.7	20.0
2 5	6 0.90	+21 50.9	1.793	2.578	15.9	20.2

299089 2005 EZ_{64} 12 28.1 329°.97 1°.4/28.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 52.98	+18 36.8	1.481	2.339	15.0	20.1
12 7	6 47.58	+18 53.8	1.407	2.330	10.9	19.9
12 17	6 39.45	+19 18.6	1.356	2.321	6.1	19.6
12 27	6 29.58	+19 48.9	1.331	2.313	1.6	19.2
1 6	6 19.37	+20 22.1	1.333	2.305	4.9	19.5
1 16	6 10.27	+20 55.7	1.362	2.298	9.8	19.7
1 26	6 3.61	+21 28.3	1.416	2.292	14.3	20.0
2 5	6 0.13	+21 59.0	1.489	2.286	18.1	20.2

418751 2008 UR_{168} 12 28.1 14°.18 3°.7/27.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 53.54	+31 43.2	2.024	2.870	12.1	20.8
12 7	6 47.53	+32 38.2	1.958	2.872	8.9	20.7
12 17	6 39.23	+33 28.6	1.918	2.875	5.6	20.5
12 27	6 29.55	+34 9.6	1.906	2.878	3.7	20.3
1 6	6 19.67	+34 37.7	1.923	2.881	5.4	20.5
1 16	6 10.80	+34 52.1	1.968	2.885	8.6	20.7
1 26	6 4.01	+34 54.4	2.039	2.889	11.8	20.9
2 5	5 59.94	+34 47.8	2.131	2.893	14.5	21.1

57182 2001 QA_{29} 12 28.1 85°.99 1°.4/28.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 53.76	+19 32.4	1.899	2.745	12.8	18.8
12 7	6 47.46	+19 27.4	1.834	2.752	9.1	18.6
12 17	6 39.09	+19 25.9	1.795	2.759	5.1	18.4
12 27	6 29.54	+19 27.1	1.784	2.766	1.5	18.2
1 6	6 19.93	+19 30.2	1.802	2.773	4.1	18.4
1 16	6 11.38	+19 34.7	1.849	2.779	8.1	18.6
1 26	6 4.81	+19 40.6	1.922	2.786	11.7	18.9
2 5	6 0.79	+19 47.9	2.017	2.793	14.7	19.1

325698 2009 UP_{39} 12 28.1 109°.87 3°.2/28.5 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 51.90	+13 30.0	2.337	3.167	11.3	20.7
12 7	6 45.76	+13 8.4	2.275	3.179	8.3	20.6
12 17	6 38.03	+12 53.7	2.238	3.191	5.3	20.4
12 27	6 29.43	+12 46.3	2.231	3.203	3.3	20.3
1 6	6 20.82	+12 46.2	2.254	3.214	4.5	20.4
1 16	6 13.05	+12 52.9	2.306	3.225	7.3	20.6
1 26	6 6.84	+13 5.3	2.385	3.236	10.2	20.8
2 5	6 2.64	+13 22.2	2.487	3.247	12.7	21.0

471953 2013 RR_{97} 12 28.1 60°.71 1°.3/28.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 0.83	+27 24.9	1.186	2.050	17.6	20.7
12 7	6 53.31	+27 4.6	1.137	2.064	12.6	20.5
12 17	6 42.46	+26 38.6	1.111	2.078	6.9	20.2
12 27	6 29.87	+26 4.8	1.109	2.092	1.5	19.9
1 6	6 17.53	+25 23.8	1.134	2.106	5.5	20.2
1 16	6 7.26	+24 39.0	1.185	2.121	10.9	20.6
1 26	6 0.37	+23 55.0	1.259	2.136	15.7	20.9
2 5	5 57.36	+23 15.3	1.352	2.151	19.5	21.2

71215 1999 XY_{261} 12 28.1 123°.89 9°.7/27.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 55.57	− 1 43.6	2.033	2.809	14.7	18.5
12 7	6 48.48	− 3 28.0	1.978	2.820	12.4	18.4
12 17	6 39.54	− 4 54.4	1.948	2.832	10.6	18.3
12 27	6 29.59	− 5 57.5	1.944	2.843	9.8	18.2
1 6	6 19.63	− 6 34.3	1.968	2.853	10.3	18.3
1 16	6 10.65	− 6 45.0	2.017	2.864	12.0	18.4
1 26	6 3.48	− 6 32.6	2.090	2.874	14.0	18.6
2 5	5 58.64	− 6 2.3	2.182	2.883	15.9	18.8

132406 2002 GY_{108} 12 28.1 94°.53 4°.7/29.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 54.33	+ 9 8.7	1.691	2.522	14.8	19.5
12 7	6 48.05	+ 9 25.1	1.627	2.528	11.3	19.3
12 17	6 39.50	+ 9 57.2	1.587	2.535	7.5	19.1
12 27	6 29.60	+10 44.4	1.573	2.542	4.9	18.9
1 6	6 19.55	+11 43.9	1.588	2.548	6.0	19.0
1 16	6 10.57	+12 51.7	1.631	2.555	9.5	19.2
1 26	6 3.70	+14 3.6	1.699	2.561	13.1	19.5
2 5	5 59.56	+15 15.7	1.790	2.568	16.2	19.7

131296 2001 FK_{121} 12 28.1 156°.76 3°.3/28.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 55.01	+14 32.5	2.250	3.077	11.7	20.2
12 7	6 48.02	+13 55.9	2.181	3.085	8.7	20.0
12 17	6 39.28	+13 24.8	2.138	3.092	5.5	19.8
12 27	6 29.57	+13 0.2	2.125	3.098	3.3	19.7
1 6	6 19.84	+12 42.7	2.143	3.103	4.7	19.8
1 16	6 11.01	+12 32.7	2.191	3.108	7.8	20.0
1 26	6 3.88	+12 29.9	2.265	3.113	10.8	20.2
2 5	5 58.95	+12 33.2	2.363	3.117	13.5	20.4

451113 2009 FA_{65} 12 28.1 211°.31 7°.8/26.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	7 1.01	+43 7.0	1.973	2.791	13.5	21.2
12 7	6 53.35	+44 18.7	1.907	2.789	11.0	21.0
12 17	6 42.60	+45 16.4	1.865	2.786	8.7	20.9
12 27	6 29.92	+45 52.3	1.850	2.784	7.8	20.8
1 6	6 16.93	+46 2.4	1.862	2.781	8.8	20.9
1 16	6 5.30	+45 47.0	1.901	2.778	11.1	21.0
1 26	5 56.46	+45 11.2	1.963	2.775	13.7	21.2
2 5	5 51.18	+44 21.9	2.045	2.772	16.1	21.3

218191 2002 TW_{84} 12 28.1 68°.24 3°.1/28.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 56.80	+14 49.0	1.334	2.186	16.7	19.9
12 7	6 50.12	+15 5.4	1.285	2.203	12.2	19.7
12 17	6 40.69	+15 33.7	1.259	2.220	7.2	19.5
12 27	6 29.71	+16 11.9	1.258	2.237	3.2	19.3
1 6	6 18.77	+16 56.4	1.285	2.254	5.5	19.5
1 16	6 9.36	+17 43.9	1.338	2.271	10.2	19.8
1 26	6 2.67	+18 31.6	1.415	2.288	14.5	20.1
2 5	5 59.31	+19 17.6	1.512	2.305	18.0	20.3

441174 2007 TZ_{377} 12 28.1 63°.01 1°.3/28.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 56.88	+18 58.5	1.525	2.376	15.1	21.2
12 7	6 49.82	+19 15.6	1.484	2.404	10.7	21.0
12 17	6 40.36	+19 38.3	1.467	2.432	5.9	20.8
12 27	6 29.67	+20 4.0	1.477	2.459	1.4	20.6
1 6	6 19.16	+20 30.3	1.516	2.487	4.5	20.9
1 16	6 10.14	+20 55.4	1.582	2.515	9.0	21.2
1 26	6 3.62	+21 18.9	1.673	2.542	12.9	21.5
2 5	6 0.09	+21 40.6	1.786	2.569	16.1	21.8

132908 2002 SW_{13} 12 28.1 138°.51 2°.9/28.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 59.76	+33 8.8	2.283	3.113	11.5	20.8
12 7	6 51.47	+33 8.7	2.220	3.126	8.4	20.6
12 17	6 41.14	+33 0.3	2.183	3.139	5.2	20.4
12 27	6 29.76	+32 41.2	2.176	3.151	2.9	20.3
1 6	6 18.48	+32 11.0	2.201	3.162	4.5	20.4
1 16	6 8.42	+31 31.5	2.255	3.173	7.6	20.6
1 26	6 0.46	+30 46.1	2.337	3.183	10.6	20.8
2 5	5 55.11	+29 58.6	2.442	3.192	13.2	21.0

134197 2005 EP 12 28.1 100°.44 8°.6/26.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 1.09	+48 57.6	2.364	3.153	12.5	19.5
12 7	6 53.27	+50 20.5	2.307	3.157	10.6	19.4
12 17	6 42.51	+51 27.1	2.275	3.162	9.1	19.3
12 27	6 29.92	+52 10.5	2.269	3.166	8.6	19.3
1 6	6 17.00	+52 27.1	2.289	3.170	9.3	19.3
1 16	6 5.36	+52 17.5	2.335	3.174	10.8	19.4
1 26	5 56.36	+51 46.3	2.405	3.178	12.7	19.6
2 5	5 50.75	+51 0.2	2.494	3.182	14.4	19.7

130209 2000 AZ_{214} 12 28.1 72°.66 0°.2/28.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 58.24	+22 21.2	1.633	2.483	14.3	19.6
12 7	6 50.71	+22 50.7	1.592	2.512	10.1	19.4
12 17	6 40.82	+23 21.9	1.576	2.542	5.4	19.2
12 27	6 29.72	+23 51.4	1.588	2.571	0.6	18.9
1 6	6 18.80	+24 16.5	1.629	2.600	4.3	19.2
1 16	6 9.36	+24 36.2	1.698	2.629	8.6	19.5
1 26	6 2.38	+24 51.1	1.793	2.657	12.4	19.8
2 5	5 58.37	+25 2.4	1.910	2.685	15.4	20.1

163884 2003 SC_{179} 12 28.1 77°.46 2°.8/27.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 57.48	+29 58.8	1.658	2.508	14.1	20.4
12 7	6 50.53	+30 18.4	1.595	2.514	10.2	20.2
12 17	6 40.91	+30 32.3	1.557	2.519	6.0	19.9
12 27	6 29.74	+30 36.6	1.547	2.525	2.9	19.8
1 6	6 18.52	+30 29.3	1.564	2.531	5.2	19.9
1 16	6 8.70	+30 11.4	1.609	2.536	9.4	20.2
1 26	6 1.45	+29 45.9	1.679	2.542	13.2	20.4
2 5	5 57.40	+29 16.8	1.770	2.547	16.4	20.7

233647 2008 PE_{2} 12 28.1 100°.06 0°.3/28.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 58.39	+21 29.9	1.687	2.533	14.1	20.9
12 7	6 50.85	+21 48.7	1.636	2.554	10.0	20.7
12 17	6 40.94	+22 10.0	1.610	2.575	5.4	20.4
12 27	6 29.74	+22 31.1	1.612	2.595	0.6	20.1
1 6	6 18.62	+22 49.8	1.643	2.614	4.2	20.4
1 16	6 8.87	+23 5.1	1.703	2.634	8.6	20.8
1 26	6 1.52	+23 17.5	1.789	2.652	12.5	21.0
2 5	5 57.11	+23 27.9	1.896	2.670	15.6	21.3

400173 2006 WJ_{22} 12 28.1 5°.52 2°.4/28.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 52.59	+16 51.2	1.734	2.583	13.6	20.9
12 7	6 46.85	+16 47.2	1.666	2.583	9.9	20.7
12 17	6 38.86	+16 50.0	1.622	2.583	5.8	20.5
12 27	6 29.54	+16 59.2	1.604	2.584	2.5	20.3
1 6	6 20.08	+17 13.6	1.616	2.585	4.7	20.4
1 16	6 11.66	+17 31.9	1.655	2.586	8.8	20.7
1 26	6 5.31	+17 53.2	1.719	2.587	12.6	20.9
2 5	6 1.65	+18 16.2	1.805	2.589	15.9	21.1

198710 2005 CN_{49} 12 28.1 301.°40 2.°8/28.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 50.50	+14 44.3	2.158	2.997	11.7	19.9
12 7	6 45.10	+14 40.3	2.075	2.985	8.7	19.7
12 17	6 37.84	+14 43.6	2.017	2.974	5.3	19.4
12 27	6 29.44	+14 54.0	1.987	2.963	2.8	19.2
1 6	6 20.82	+15 10.9	1.986	2.952	4.4	19.3
1 16	6 12.93	+15 33.0	2.015	2.941	7.8	19.5
1 26	6 6.64	+15 59.2	2.069	2.930	11.1	19.7
2 5	6 2.56	+16 27.9	2.147	2.920	14.0	19.9

372181 2008 TW_{73} 12 28.1 106.°57 4.°6/27.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 55.35	+36 52.5	2.395	3.224	11.0	21.0
12 7	6 48.59	+37 39.4	2.331	3.230	8.4	20.9
12 17	6 39.74	+38 17.9	2.293	3.236	5.9	20.7
12 27	6 29.65	+38 43.7	2.284	3.242	4.6	20.6
1 6	6 19.44	+38 54.4	2.304	3.248	5.8	20.7
1 16	6 10.21	+38 50.0	2.352	3.253	8.2	20.9
1 26	6 2.93	+38 33.2	2.427	3.259	10.7	21.1
2 5	5 58.19	+38 7.8	2.524	3.264	13.0	21.2

460597 2014 UV_{45} 12 28.1 324.°40 0.°3/28.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 51.89	+23 46.7	2.039	2.889	11.8	21.2
12 7	6 46.23	+23 56.3	1.961	2.882	8.5	20.9
12 17	6 38.50	+24 6.5	1.909	2.875	4.6	20.7
12 27	6 29.53	+24 15.4	1.885	2.868	0.6	20.4
1 6	6 20.36	+24 21.4	1.890	2.861	3.8	20.6
1 16	6 12.08	+24 24.2	1.924	2.855	7.8	20.9
1 26	6 5.65	+24 24.4	1.984	2.849	11.3	21.1
2 5	6 1.68	+24 22.9	2.066	2.843	14.4	21.3

5351 Diderot 12 28.1 249.°63 2.°9/28.5 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 54.99	+15 18.0	1.785	2.626	13.7	17.3
12 7	6 48.66	+15 14.8	1.702	2.614	10.1	17.1
12 17	6 39.94	+15 19.8	1.642	2.601	6.1	16.8
12 27	6 29.69	+15 32.7	1.611	2.588	3.0	16.6
1 6	6 19.10	+15 52.4	1.608	2.575	5.0	16.7
1 16	6 9.42	+16 17.3	1.633	2.561	9.2	16.9
1 26	6 1.79	+16 46.2	1.685	2.547	13.2	17.1
2 5	5 56.94	+17 17.5	1.757	2.533	16.6	17.3

335292 Larrey 12 28.1 103.°91 1.°0/28.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 0.19	+25 26.0	1.619	2.467	14.5	21.7
12 7	6 52.24	+25 37.2	1.568	2.487	10.3	21.5
12 17	6 41.72	+25 46.5	1.542	2.507	5.6	21.3
12 27	6 29.85	+25 50.9	1.543	2.526	1.1	21.0
1 6	6 18.11	+25 49.0	1.574	2.544	4.5	21.3
1 16	6 7.90	+25 41.2	1.633	2.562	9.0	21.6
1 26	6 0.30	+25 29.8	1.717	2.580	12.9	21.9
2 5	5 55.87	+25 17.0	1.823	2.596	16.1	22.1

24551 2048 $P–L$ 12 28.1 217.°48 1.°2/28.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 56.27	+26 48.5	2.315	3.153	11.1	19.5
12 7	6 49.19	+26 59.7	2.229	3.144	8.0	19.3
12 17	6 40.07	+27 8.5	2.171	3.134	4.4	19.1
12 27	6 29.70	+27 12.8	2.142	3.124	1.3	18.8
1 6	6 19.12	+27 10.9	2.144	3.113	3.7	19.0
1 16	6 9.39	+27 3.0	2.177	3.101	7.4	19.2
1 26	6 1.46	+26 50.4	2.236	3.089	10.7	19.4
2 5	5 55.94	+26 35.3	2.319	3.076	13.6	19.6

110430 2001 TF_{26} 12 28.1 125.°72 0.°4/28.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 54.48	+22 33.8	1.952	2.799	12.4	19.9
12 7	6 48.01	+22 24.8	1.883	2.802	8.9	19.7
12 17	6 39.42	+22 16.3	1.839	2.804	4.8	19.5
12 27	6 29.64	+22 7.3	1.824	2.807	0.6	19.2
1 6	6 19.78	+21 57.2	1.838	2.809	3.9	19.4
1 16	6 10.96	+21 46.4	1.881	2.812	8.0	19.7
1 26	6 4.14	+21 35.8	1.950	2.814	11.6	19.9
2 5	5 59.89	+21 26.5	2.042	2.816	14.6	20.1

189873 2003 QO_{31} 12 28.1 87.°54 2.°2/28.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 55.01	+30 5.6	2.159	3.001	11.6	19.9
12 7	6 48.26	+30 10.6	2.095	3.010	8.4	19.7
12 17	6 39.50	+30 10.2	2.057	3.018	4.9	19.5
12 27	6 29.64	+30 2.3	2.048	3.026	2.2	19.3
1 6	6 19.80	+29 46.0	2.068	3.035	4.2	19.5
1 16	6 11.03	+29 22.2	2.118	3.043	7.6	19.7
1 26	6 4.23	+28 53.4	2.195	3.051	10.8	19.9
2 5	5 59.94	+28 22.3	2.294	3.059	13.5	20.1

9699 Baumhauer 12 28.1 143.°97 5.°2/28.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 53.57	+ 7 23.1	2.296	3.105	12.1	19.0
12 7	6 46.97	+ 6 54.6	2.232	3.117	9.4	18.8
12 17	6 38.73	+ 6 37.4	2.193	3.127	6.8	18.7
12 27	6 29.57	+ 6 32.8	2.183	3.137	5.2	18.6
1 6	6 20.39	+ 6 40.9	2.203	3.147	6.0	18.7
1 16	6 12.04	+ 7 0.6	2.251	3.156	8.3	18.8
1 26	6 5.27	+ 7 29.9	2.327	3.164	11.0	19.0
2 5	6 0.59	+ 8 6.0	2.425	3.171	13.3	19.2

78076 2002 LS_{14} 12 28.1 229.°86 1.°1/28.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 56.29	+21 14.7	2.036	2.877	12.3	20.0
12 7	6 49.32	+20 52.2	1.952	2.867	8.8	19.7
12 17	6 40.19	+20 30.3	1.893	2.856	4.9	19.5
12 27	6 29.74	+20 8.5	1.863	2.845	1.2	19.2
1 6	6 19.09	+19 47.0	1.864	2.834	4.0	19.4
1 16	6 9.37	+19 26.6	1.894	2.822	8.1	19.6
1 26	6 1.60	+19 8.5	1.951	2.809	11.8	19.8
2 5	5 56.39	+18 53.7	2.031	2.796	15.0	20.0

303585 2005 GH_{145} 12 28.1 352.°57 0.°4/28.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 54.77	+22 15.2	1.712	2.565	13.6	20.3
12 7	6 48.49	+22 13.8	1.643	2.564	9.8	20.1
12 17	6 39.81	+22 14.0	1.598	2.564	5.3	19.8
12 27	6 29.70	+22 14.0	1.580	2.563	0.7	19.5
1 6	6 19.46	+22 12.9	1.591	2.563	4.3	19.7
1 16	6 10.35	+22 10.5	1.630	2.563	8.8	20.0
1 26	6 3.49	+22 7.5	1.694	2.563	12.8	20.2
2 5	5 59.51	+22 5.0	1.780	2.563	16.1	20.5

146584 2001 TQ_{101} 12 28.1 353.°30 2.°7/28.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 52.68	+16 48.8	1.709	2.558	13.8	20.0
12 7	6 46.96	+16 29.8	1.639	2.557	10.1	19.8
12 17	6 38.96	+16 16.9	1.594	2.555	6.0	19.5
12 27	6 29.62	+16 10.5	1.575	2.554	2.8	19.3
1 6	6 20.14	+16 10.2	1.585	2.553	4.9	19.5
1 16	6 11.72	+16 15.6	1.622	2.552	9.0	19.7
1 26	6 5.39	+16 26.1	1.684	2.552	12.9	19.9
2 5	6 1.79	+16 40.5	1.767	2.552	16.2	20.1

47336 1999 XT_{34} 12 28.1 331.°72 2.°7/28.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 56.87	+30 52.4	1.554	2.409	14.6	18.0
12 7	6 50.34	+30 42.2	1.481	2.401	10.7	17.7
12 17	6 40.94	+30 23.5	1.431	2.394	6.3	17.5
12 27	6 29.83	+29 53.5	1.408	2.387	2.8	17.2
1 6	6 18.58	+29 11.6	1.412	2.381	5.3	17.4
1 16	6 8.77	+28 20.6	1.444	2.375	9.8	17.6
1 26	6 1.66	+27 25.1	1.500	2.369	14.1	17.9
2 5	5 57.92	+26 29.9	1.577	2.365	17.6	18.1

29151 1988 RE_{11} 12 28.1 113.°75 3.°5/27.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 58.21	+32 56.8	2.046	2.883	12.3	19.1
12 7	6 50.67	+33 23.2	1.988	2.897	9.1	18.9
12 17	6 40.86	+33 42.1	1.955	2.911	5.7	18.7
12 27	6 29.82	+33 49.6	1.952	2.924	3.5	18.6
1 6	6 18.79	+33 44.2	1.978	2.937	5.1	18.7
1 16	6 9.02	+33 26.6	2.032	2.949	8.3	19.0
1 26	6 1.49	+33 0.1	2.114	2.962	11.5	19.2
2 5	5 56.75	+32 28.5	2.217	2.973	14.1	19.4

178758 2000 VL_{45} 12 28.1 85.°16 2.°1/28.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 4.59	+28 10.4	1.381	2.231	16.4	20.4
12 7	6 55.50	+28 18.2	1.343	2.262	11.7	20.2
12 17	6 43.49	+28 20.3	1.328	2.292	6.5	20.0
12 27	6 30.08	+28 12.9	1.340	2.322	2.2	19.8
1 6	6 17.10	+27 55.2	1.381	2.350	5.2	20.1
1 16	6 6.19	+27 29.5	1.449	2.379	10.0	20.4
1 26	5 58.46	+26 59.8	1.542	2.406	14.1	20.7
2 5	5 54.34	+26 30.2	1.655	2.433	17.4	21.0

56763 2000 OC_{23} 12 28.1 245.°32 0.°2/28.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 57.03	+20 46.0	1.896	2.739	12.9	19.2
12 7	6 50.20	+21 19.0	1.806	2.722	9.4	19.0
12 17	6 40.87	+21 57.0	1.741	2.705	5.2	18.7
12 27	6 29.86	+22 37.1	1.705	2.688	0.6	18.3
1 6	6 18.36	+23 15.9	1.698	2.669	4.2	18.6
1 16	6 7.69	+23 51.1	1.721	2.650	8.7	18.8
1 26	5 59.06	+24 22.0	1.771	2.631	12.8	19.0
2 5	5 53.26	+24 49.0	1.843	2.611	16.2	19.2

230554 2003 BS_{10} 12 28.1 292.°30 0.°0/28.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 55.78	+21 19.1	1.488	2.345	15.0	19.9
12 7	6 49.67	+21 49.0	1.414	2.338	10.8	19.7
12 17	6 40.68	+22 24.2	1.364	2.331	5.9	19.4
12 27	6 29.83	+23 1.1	1.340	2.323	0.6	19.0
1 6	6 18.61	+23 36.0	1.344	2.316	4.8	19.3
1 16	6 8.57	+24 6.6	1.375	2.310	9.9	19.6
1 26	6 1.09	+24 32.5	1.431	2.303	14.5	19.8
2 5	5 56.95	+24 54.1	1.506	2.296	18.2	20.0

486251 2013 BQ_{40} 12 28.1 344.°64 1.°2/28.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 53.47	+19 24.8	1.498	2.357	14.9	21.2
12 7	6 47.89	+19 39.6	1.429	2.352	10.7	20.9
12 17	6 39.63	+20 0.7	1.382	2.348	6.0	20.6
12 27	6 29.72	+20 26.0	1.362	2.345	1.4	20.3
1 6	6 19.54	+20 52.9	1.370	2.342	4.7	20.5
1 16	6 10.54	+21 19.6	1.404	2.339	9.6	20.8
1 26	6 3.97	+21 45.0	1.462	2.337	14.0	21.1
2 5	6 0.53	+22 8.8	1.541	2.336	17.7	21.3

281150 2007 DK_{58} 12 28.1 235°.59 1°.1/28.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 57.80	+25 42.4	1.756	2.604	13.5	21.4
12 7	6 50.82	+25 54.8	1.676	2.595	9.8	21.1
12 17	6 41.19	+26 6.0	1.620	2.585	5.4	20.9
12 27	6 29.90	+26 12.8	1.592	2.575	1.2	20.5
1 6	6 18.30	+26 13.1	1.594	2.564	4.5	20.8
1 16	6 7.81	+26 7.0	1.624	2.553	9.1	21.0
1 26	5 59.66	+25 56.0	1.679	2.541	13.2	21.2
2 5	5 54.59	+25 42.9	1.756	2.530	16.7	21.4

477385 2009 VH_{24} 12 28.1 23°.49 0°.7/28.1 16

11 27	6 54.63	+24 50.2	1.006	1.887	18.6	20.7
12 7	6 49.32	+24 47.9	0.963	1.898	13.2	20.5
12 17	6 40.52	+24 44.9	0.940	1.910	7.2	20.2
12 27	6 29.81	+24 38.4	0.941	1.924	1.0	19.8
1 6	6 19.25	+24 27.1	0.965	1.939	5.7	20.2
1 16	6 10.72	+24 12.2	1.013	1.955	11.5	20.6
1 26	6 5.61	+23 56.1	1.082	1.973	16.5	20.9
2 5	6 4.44	+23 40.9	1.169	1.992	20.5	21.3

73726 1993 FD_{29} 12 28.1 138°.26 2°.3/27.9 18

11 27	6 57.87	+29 36.2	1.942	2.784	12.7	19.7
12 7	6 50.51	+29 49.9	1.877	2.792	9.2	19.5
12 17	6 40.84	+29 58.5	1.838	2.799	5.3	19.3
12 27	6 29.85	+29 58.9	1.827	2.806	2.4	19.1
1 6	6 18.84	+29 49.5	1.846	2.813	4.6	19.3
1 16	6 9.04	+29 31.3	1.894	2.819	8.3	19.5
1 26	6 1.49	+29 6.8	1.968	2.825	11.8	19.7
2 5	5 56.77	+28 39.4	2.065	2.830	14.8	20.0

335489 2005 WL_{210} 12 28.1 43°.89 1°.2/28.1 16

11 27	6 57.34	+25 7.4	1.202	2.070	17.1	21.4
12 7	6 50.84	+25 22.4	1.159	2.087	12.2	21.1
12 17	6 41.20	+25 36.7	1.137	2.105	6.6	20.9
12 27	6 29.89	+25 46.3	1.141	2.123	1.3	20.6
1 6	6 18.73	+25 49.0	1.170	2.142	5.3	20.9
1 16	6 9.44	+25 45.2	1.225	2.162	10.6	21.3
1 26	6 3.29	+25 37.1	1.303	2.182	15.1	21.6
2 5	6 0.81	+25 27.2	1.400	2.202	18.8	21.9

76040 2000 DD_{52} 12 28.1 274°.91 6°.5/29.6 18

11 27	6 49.96	+ 2 18.6	2.301	3.099	12.5	19.5
12 7	6 44.55	+ 2 2.7	2.227	3.097	10.1	19.3
12 17	6 37.52	+ 2 2.3	2.177	3.094	7.9	19.2
12 27	6 29.52	+ 2 18.9	2.154	3.092	6.6	19.1
1 6	6 21.38	+ 2 52.3	2.160	3.090	7.0	19.1
1 16	6 13.94	+ 3 40.5	2.193	3.088	9.0	19.3
1 26	6 7.95	+ 4 40.3	2.252	3.086	11.4	19.4
2 5	6 3.93	+ 5 47.5	2.333	3.084	13.7	19.6

56452 2000 GU_{86} 12 28.1 114°.88 1°.5/28.3 18

11 27	6 57.66	+18 49.3	1.713	2.557	14.0	19.2
12 7	6 50.37	+18 54.0	1.657	2.573	10.1	19.0
12 17	6 40.75	+19 3.7	1.625	2.588	5.6	18.8
12 27	6 29.85	+19 16.6	1.621	2.603	1.6	18.5
1 6	6 18.97	+19 31.2	1.647	2.617	4.4	18.8
1 16	6 9.35	+19 46.5	1.701	2.631	8.7	19.0
1 26	6 2.03	+20 2.0	1.781	2.644	12.5	19.3
2 5	5 57.57	+20 17.8	1.883	2.657	15.7	19.6

252098 2000 UT_{91} 12 28.1 78°.57 0°.5/28.1 18

11 27	6 54.62	+24 50.1	1.967	2.814	12.3	20.3
12 7	6 48.09	+24 47.5	1.903	2.823	8.8	20.0
12 17	6 39.49	+24 43.6	1.866	2.831	4.8	19.8
12 27	6 29.73	+24 37.0	1.856	2.839	0.7	19.5
1 6	6 19.96	+24 26.9	1.876	2.848	3.8	19.8
1 16	6 11.29	+24 13.7	1.926	2.856	7.8	20.1
1 26	6 4.64	+23 58.9	2.001	2.864	11.3	20.3
2 5	6 0.56	+23 44.1	2.099	2.873	14.3	20.5

274287 2008 QO_{9} 12 28.1 156°.69 3°.0/28.6 18

11 27	6 56.30	+14 22.7	1.966	2.797	13.0	21.1
12 7	6 49.24	+14 18.2	1.898	2.805	9.6	20.9
12 17	6 40.11	+14 21.6	1.856	2.812	5.9	20.7
12 27	6 29.80	+14 32.6	1.843	2.819	3.1	20.5
1 6	6 19.40	+14 50.2	1.860	2.824	4.8	20.6
1 16	6 10.00	+15 12.8	1.906	2.830	8.3	20.8
1 26	6 2.54	+15 39.4	1.978	2.834	11.8	21.1
2 5	5 57.59	+16 8.3	2.073	2.838	14.8	21.3

229338 2005 QS_{14} 12 28.1 44°.93 0°.8/28.1 16

11 27	6 58.00	+24 34.5	1.139	2.009	17.7	20.6
12 7	6 51.33	+24 42.5	1.100	2.029	12.6	20.4
12 17	6 41.46	+24 50.2	1.082	2.051	6.8	20.1
12 27	6 29.93	+24 54.1	1.090	2.073	1.0	19.8
1 6	6 18.66	+24 52.4	1.122	2.095	5.3	20.2
1 16	6 9.41	+24 45.7	1.180	2.118	10.7	20.6
1 26	6 3.40	+24 36.3	1.261	2.142	15.4	20.9
2 5	6 1.13	+24 26.2	1.360	2.166	19.1	21.2

251056 2006 RJ_{94} 12 28.1 187°.46 2°.7/27.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 57.13	+31 27.9	2.454	3.287	10.7	22.1
12 7	6 49.76	+31 53.1	2.378	3.286	7.8	21.9
12 17	6 40.39	+32 13.1	2.329	3.285	4.8	21.7
12 27	6 29.84	+32 24.7	2.309	3.283	2.7	21.6
1 6	6 19.14	+32 26.0	2.320	3.281	4.3	21.7
1 16	6 9.34	+32 17.3	2.361	3.278	7.4	21.9
1 26	6 1.37	+32 0.4	2.430	3.274	10.3	22.1
2 5	5 55.80	+31 38.4	2.522	3.270	12.9	22.2

133574 2003 UN_{48} 12 28.1 358°.63 1°.1/28.4 18

11 27	6 51.04	+18 54.4	1.836	2.688	12.9	18.9
12 7	6 45.77	+19 14.7	1.766	2.686	9.3	18.7
12 17	6 38.35	+19 40.8	1.720	2.685	5.2	18.5
12 27	6 29.63	+20 10.9	1.702	2.684	1.3	18.2
1 6	6 20.72	+20 42.7	1.712	2.684	4.0	18.4
1 16	6 12.75	+21 14.3	1.751	2.684	8.2	18.6
1 26	6 6.72	+21 44.5	1.815	2.685	12.0	18.9
2 5	6 3.26	+22 12.7	1.901	2.687	15.1	19.1

305957 2009 HK_{43} 12 28.1 312°.83 1°.1/28.3 17

11 27	6 53.49	+19 47.6	1.641	2.495	14.0	21.4
12 7	6 47.81	+19 57.0	1.563	2.485	10.1	21.1
12 17	6 39.60	+20 11.5	1.510	2.475	5.7	20.8
12 27	6 29.78	+20 29.4	1.483	2.466	1.3	20.5
1 6	6 19.65	+20 48.8	1.485	2.457	4.5	20.7
1 16	6 10.56	+21 8.1	1.514	2.448	9.2	21.0
1 26	6 3.69	+21 26.9	1.567	2.439	13.4	21.2
2 5	5 59.80	+21 45.1	1.642	2.431	17.0	21.4

218981 2008 FW_{126} 12 28.1 102°.27 0°.7/28.3 18

11 27	6 53.60	+19 55.3	2.156	2.997	11.6	20.7
12 7	6 47.22	+20 15.6	2.094	3.010	8.3	20.5
12 17	6 38.99	+20 39.5	2.059	3.023	4.6	20.3
12 27	6 29.70	+21 5.0	2.052	3.035	0.9	20.0
1 6	6 20.37	+21 30.4	2.076	3.047	3.5	20.2
1 16	6 11.95	+21 54.3	2.130	3.059	7.2	20.5
1 26	6 5.31	+22 16.2	2.210	3.071	10.5	20.7
2 5	6 0.97	+22 36.2	2.314	3.082	13.3	20.9

312386 2008 EU_{136} 12 28.1 244°.10 3°.2/28.6 17

11 27	6 52.53	+14 5.6	1.981	2.818	12.7	21.1
12 7	6 46.64	+13 58.3	1.907	2.816	9.4	20.9
12 17	6 38.76	+13 59.2	1.858	2.814	5.8	20.7
12 27	6 29.69	+14 8.4	1.837	2.812	3.2	20.5
1 6	6 20.45	+14 24.9	1.845	2.810	4.8	20.6
1 16	6 12.09	+14 47.7	1.882	2.808	8.3	20.8
1 26	6 5.52	+15 15.1	1.945	2.806	11.7	21.0
2 5	6 1.36	+15 45.5	2.030	2.803	14.7	21.2

371344 2006 KJ_{50} 12 28.1 43°.87 3°.6/28.5 17

11 27	6 50.92	+13 5.2	2.166	3.000	11.9	20.8
12 7	6 45.28	+12 36.9	2.099	3.004	8.9	20.6
12 17	6 37.92	+12 16.1	2.057	3.009	5.7	20.4
12 27	6 29.59	+12 3.7	2.044	3.015	3.7	20.3
1 6	6 21.21	+12 0.0	2.060	3.020	4.9	20.4
1 16	6 13.67	+12 4.6	2.105	3.025	7.9	20.6
1 26	6 7.76	+12 16.4	2.176	3.031	10.9	20.8
2 5	6 3.97	+12 33.7	2.269	3.036	13.5	21.0

83173 2001 QP_{284} 12 28.1 187°.39 0°.5/28.2 18

11 27	6 54.68	+21 42.1	2.330	3.168	11.0	20.5
12 7	6 47.95	+21 41.6	2.253	3.167	7.9	20.3
12 17	6 39.39	+21 42.3	2.203	3.167	4.3	20.1
12 27	6 29.75	+21 43.0	2.182	3.165	0.7	19.8
1 6	6 19.99	+21 42.9	2.192	3.163	3.4	20.0
1 16	6 11.07	+21 41.8	2.233	3.161	7.1	20.3
1 26	6 3.83	+21 40.2	2.301	3.158	10.3	20.5
2 5	5 58.82	+21 38.9	2.392	3.154	13.1	20.7

112360 2002 NU_{17} 12 28.1 85°.32 2°.0/28.6 18

11 27	6 52.62	+15 25.2	2.259	3.093	11.5	19.6
12 7	6 46.40	+15 47.6	2.202	3.112	8.3	19.5
12 17	6 38.49	+16 17.0	2.171	3.130	4.9	19.3
12 27	6 29.65	+16 51.7	2.169	3.148	2.1	19.1
1 6	6 20.80	+17 29.8	2.198	3.166	3.7	19.3
1 16	6 12.80	+18 9.3	2.257	3.184	7.0	19.5
1 26	6 6.45	+18 48.7	2.343	3.202	10.1	19.7
2 5	6 2.21	+19 26.9	2.452	3.219	12.7	19.9

270133 2001 RQ_{127} 12 28.1 159°.21 0°.0/28.1 18

11 27	6 58.04	+22 29.1	1.922	2.764	12.8	21.6
12 7	6 50.63	+22 46.2	1.855	2.771	9.2	21.4
12 17	6 40.94	+23 4.7	1.813	2.777	5.0	21.1
12 27	6 29.92	+23 22.3	1.800	2.783	0.5	20.8
1 6	6 18.79	+23 36.9	1.817	2.788	4.0	21.1
1 16	6 8.76	+23 47.7	1.864	2.792	8.2	21.4
1 26	6 0.86	+23 55.3	1.937	2.796	11.9	21.6
2 5	5 55.71	+24 1.0	2.033	2.799	15.0	21.8

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
518501 2006 BF_{177}			12 28.1 239°.72		0°.3/28.1 18	
	h m	° ′			°	m
11 27	6 56.42	+23 1.2	1.849	2.695	13.0	22.2
12 7	6 49.76	+23 22.0	1.766	2.685	9.4	21.9
12 17	6 40.62	+23 44.8	1.709	2.674	5.1	21.6
12 27	6 29.90	+24 6.8	1.680	2.663	0.6	21.3
1 6	6 18.84	+24 25.4	1.680	2.651	4.2	21.5
1 16	6 8.73	+24 39.5	1.709	2.639	8.7	21.8
1 26	6 0.77	+24 49.5	1.764	2.626	12.7	22.0
2 5	5 55.66	+24 56.6	1.841	2.613	16.0	22.2
96757 1999 RG_{20}			12 28.1 119°.06		2°.2/27.9 18	
11 27	6 59.27	+29 14.1	2.035	2.873	12.4	20.2
12 7	6 51.32	+29 29.5	1.979	2.892	8.9	20.0
12 17	6 41.20	+29 40.0	1.949	2.910	5.1	19.8
12 27	6 29.94	+29 42.6	1.949	2.928	2.2	19.6
1 6	6 18.76	+29 35.9	1.979	2.945	4.3	19.8
1 16	6 8.83	+29 20.9	2.038	2.962	7.9	20.1
1 26	6 1.11	+29 0.0	2.125	2.977	11.2	20.3
2 5	5 56.12	+28 36.3	2.234	2.992	14.0	20.5
26647 2000 LT			12 28.2 310°.05		2°.1/28.1 18	
11 27	6 52.58	+18 54.4	2.176	3.018	11.5	17.6
12 7	6 46.54	+18 10.3	2.095	3.009	8.4	17.4
12 17	6 38.65	+17 27.7	2.039	3.000	4.9	17.1
12 27	6 29.69	+16 47.7	2.013	2.992	2.2	17.0
1 6	6 20.60	+16 11.4	2.017	2.984	4.2	17.1
1 16	6 12.36	+15 40.2	2.050	2.976	7.7	17.3
1 26	6 5.82	+15 15.0	2.110	2.968	11.1	17.5
2 5	6 1.52	+14 56.1	2.192	2.960	13.9	17.7
45734 2000 GN_{140}			12 28.2 47°.25		3°.0/28.6 18	
11 27	6 51.20	+14 12.0	2.013	2.852	12.4	18.1
12 7	6 45.55	+14 6.3	1.954	2.865	9.1	18.0
12 17	6 38.09	+14 8.6	1.921	2.877	5.6	17.8
12 27	6 29.63	+14 18.8	1.915	2.890	3.1	17.6
1 6	6 21.15	+14 35.9	1.939	2.904	4.6	17.7
1 16	6 13.60	+14 58.6	1.991	2.917	7.9	18.0
1 26	6 7.81	+15 25.3	2.069	2.931	11.1	18.2
2 5	6 4.28	+15 54.5	2.169	2.945	13.8	18.4
161485 2004 HZ_{47}			12 28.2 179°.17		2°.6/27.9 18	
11 27	6 59.99	+30 1.4	1.822	2.664	13.4	20.9
12 7	6 52.26	+30 16.9	1.751	2.666	9.7	20.7
12 17	6 41.91	+30 26.8	1.706	2.667	5.7	20.4
12 27	6 30.04	+30 27.2	1.689	2.667	2.7	20.3
1 6	6 18.05	+30 16.2	1.701	2.667	4.9	20.4
1 16	6 7.34	+29 54.8	1.742	2.666	9.0	20.6
1 26	5 59.10	+29 26.3	1.809	2.665	12.7	20.9
2 5	5 53.95	+28 54.6	1.898	2.663	15.9	21.1
162156 1999 BU_{28}			12 28.2 112°.90		2°.0/28.0 18	
11 27	6 54.03	+29 59.4	2.411	3.251	10.6	20.2
12 7	6 47.47	+30 4.1	2.344	3.257	7.7	20.1
12 17	6 39.11	+30 4.0	2.302	3.263	4.5	19.9
12 27	6 29.75	+29 57.1	2.290	3.269	2.0	19.7
1 6	6 20.36	+29 42.7	2.308	3.274	3.8	19.8
1 16	6 11.92	+29 21.5	2.356	3.280	7.0	20.1
1 26	6 5.22	+28 55.4	2.432	3.286	9.9	20.3
2 5	6 0.78	+28 26.9	2.530	3.291	12.5	20.4
299596 2006 HR_{36}			12 28.2 106°.22		11°.4/29.8 18	
11 27	6 55.00	−10 18.8	2.174	2.899	15.3	21.0
12 7	6 48.01	−11 45.4	2.134	2.923	13.6	21.0
12 17	6 39.33	−12 47.8	2.116	2.946	12.1	20.9
12 27	6 29.77	−13 21.6	2.122	2.969	11.4	20.9
1 6	6 20.28	−13 25.5	2.152	2.991	11.6	21.0
1 16	6 11.75	−13 1.3	2.207	3.012	12.6	21.1
1 26	6 4.94	−12 13.8	2.284	3.032	13.9	21.2
2 5	6 0.32	−11 9.2	2.380	3.052	15.4	21.4
262115 2006 SG_{12}			12 28.2 60°.90		2°.7/27.8 18	
11 27	6 56.42	+28 56.4	1.700	2.552	13.7	20.2
12 7	6 49.75	+29 33.1	1.645	2.564	9.9	20.0
12 17	6 40.55	+30 5.8	1.614	2.576	5.8	19.8
12 27	6 29.91	+30 30.3	1.611	2.589	2.8	19.6
1 6	6 19.23	+30 43.6	1.636	2.602	5.1	19.8
1 16	6 9.89	+30 45.7	1.689	2.615	9.0	20.0
1 26	6 2.99	+30 38.8	1.767	2.628	12.7	20.3
2 5	5 59.15	+30 26.2	1.866	2.641	15.8	20.5
350570 2000 YU_{38}			12 28.2 47°.58		1°.1/28.2 17	
11 27	6 57.36	+21 13.8	1.273	2.136	16.7	19.9
12 7	6 50.52	+21 0.4	1.235	2.161	11.9	19.7
12 17	6 40.91	+20 50.1	1.219	2.186	6.5	19.4
12 27	6 29.94	+20 41.7	1.229	2.212	1.3	19.2
1 6	6 19.26	+20 34.7	1.266	2.238	5.0	19.5
1 16	6 10.37	+20 29.2	1.329	2.265	10.0	19.8
1 26	6 4.36	+20 25.8	1.415	2.292	14.3	20.2
2 5	6 1.69	+20 24.9	1.521	2.319	17.7	20.5

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
338434 2003 CN_{25}			12 28.2 262°.70		6°.5/28.9 18	
	h m	° ′			°	m
11 27	6 54.43	+ 6 51.1	1.753	2.575	14.8	21.1
12 7	6 48.36	+ 6 27.1	1.666	2.557	11.7	20.9
12 17	6 39.90	+ 6 18.2	1.601	2.539	8.5	20.6
12 27	6 29.87	+ 6 26.8	1.563	2.520	6.5	20.5
1 6	6 19.41	+ 6 53.4	1.553	2.501	7.5	20.5
1 16	6 9.77	+ 7 36.1	1.569	2.482	10.7	20.6
1 26	6 2.09	+ 8 31.5	1.611	2.462	14.3	20.8
2 5	5 57.16	+ 9 35.2	1.674	2.442	17.6	21.0
517241 2014 DB_{26}			12 28.2 242°.34		1°.2/28.0 18	
11 27	6 57.23	+25 25.4	1.815	2.662	13.2	22.2
12 7	6 50.43	+25 48.7	1.732	2.651	9.5	21.9
12 17	6 41.04	+26 12.0	1.674	2.639	5.3	21.7
12 27	6 29.99	+26 31.5	1.645	2.627	1.3	21.4
1 6	6 18.57	+26 44.7	1.644	2.614	4.5	21.6
1 16	6 8.17	+26 50.8	1.673	2.601	8.9	21.8
1 26	6 0.01	+26 50.9	1.727	2.588	12.9	22.0
2 5	5 54.85	+26 47.1	1.802	2.574	16.4	22.2
520815 2014 TL_{92}			12 28.2 289°.79		4°.3/29.1 18	
11 27	6 50.83	+ 9 11.6	2.190	3.013	12.2	20.9
12 7	6 45.31	+ 9 12.4	2.113	3.010	9.3	20.7
12 17	6 38.02	+ 9 24.9	2.062	3.006	6.4	20.5
12 27	6 29.66	+ 9 49.5	2.038	3.002	4.4	20.4
1 6	6 21.13	+10 25.0	2.043	2.999	5.3	20.5
1 16	6 13.33	+11 9.5	2.077	2.995	8.1	20.6
1 26	6 7.08	+12 0.3	2.138	2.992	11.1	20.8
2 5	6 2.96	+12 54.5	2.221	2.989	13.8	21.0
269227 2008 PG_{9}			12 28.2 157°.06		2°.9/27.9 18	
11 27	7 0.18	+30 45.6	2.037	2.873	12.4	21.3
12 7	6 52.17	+31 14.4	1.971	2.882	9.0	21.1
12 17	6 41.79	+31 37.7	1.931	2.890	5.4	20.9
12 27	6 30.05	+31 51.3	1.921	2.897	2.9	20.7
1 6	6 18.24	+31 53.1	1.940	2.903	4.8	20.9
1 16	6 7.62	+31 43.5	1.989	2.909	8.4	21.1
1 26	5 59.26	+31 25.2	2.065	2.913	11.7	21.3
2 5	5 53.76	+31 1.9	2.163	2.917	14.5	21.5
267986 2004 GU_{53}			12 28.2 167°.35		1°.4/28.0 18	
11 27	6 58.56	+25 58.5	1.670	2.519	14.1	21.3
12 7	6 51.37	+26 18.6	1.602	2.522	10.1	21.1
12 17	6 41.50	+26 37.3	1.559	2.524	5.6	20.8
12 27	6 30.03	+26 51.0	1.544	2.526	1.5	20.6
1 6	6 18.41	+26 57.4	1.557	2.527	4.6	20.8
1 16	6 8.07	+26 56.2	1.599	2.529	9.2	21.0
1 26	6 0.22	+26 49.3	1.666	2.529	13.2	21.3
2 5	5 55.54	+26 39.3	1.754	2.530	16.6	21.5
150453 2000 HH_{46}			12 28.2 183°.21		1°.4/28.0 18	
11 27	6 58.46	+26 14.0	1.942	2.784	12.7	21.0
12 7	6 51.04	+26 34.1	1.869	2.785	9.1	20.8
12 17	6 41.24	+26 52.6	1.822	2.785	5.1	20.6
12 27	6 30.02	+27 6.2	1.803	2.785	1.4	20.3
1 6	6 18.61	+27 12.8	1.815	2.784	4.2	20.5
1 16	6 8.31	+27 12.2	1.855	2.782	8.3	20.7
1 26	6 0.18	+27 6.0	1.923	2.780	12.0	21.0
2 5	5 54.88	+26 56.6	2.012	2.776	15.1	21.2
314917 2006 WR_{12}			12 28.2 345°.62		2°.8/28.4 17	
11 27	6 52.27	+16 51.0	1.615	2.468	14.3	21.1
12 7	6 46.85	+16 32.4	1.544	2.463	10.5	20.9
12 17	6 39.04	+16 20.3	1.497	2.458	6.2	20.6
12 27	6 29.79	+16 15.1	1.475	2.454	2.9	20.4
1 6	6 20.34	+16 16.5	1.482	2.451	5.1	20.5
1 16	6 11.98	+16 23.8	1.516	2.448	9.4	20.8
1 26	6 5.79	+16 36.3	1.574	2.445	13.4	21.0
2 5	6 2.45	+16 52.8	1.652	2.443	16.8	21.2
275523 1997 TQ_{8}			12 28.2 176°.39		1°.0/28.3 18	
11 27	6 57.22	+20 13.4	1.997	2.836	12.5	21.9
12 7	6 50.00	+20 14.6	1.924	2.838	9.0	21.7
12 17	6 40.61	+20 18.7	1.877	2.840	5.0	21.5
12 27	6 29.96	+20 24.2	1.859	2.842	1.1	21.2
1 6	6 19.17	+20 30.0	1.872	2.842	3.9	21.4
1 16	6 9.39	+20 35.6	1.914	2.842	8.0	21.6
1 26	6 1.60	+20 41.3	1.983	2.841	11.7	21.9
2 5	5 56.42	+20 47.4	2.074	2.840	14.7	22.1
160870 2001 KU_{55}			12 28.2 161°.08		2°.2/28.7 18	
11 27	6 50.70	+13 56.0	2.913	3.736	9.4	20.7
12 7	6 44.84	+14 4.0	2.839	3.742	6.9	20.5
12 17	6 37.63	+14 18.1	2.793	3.747	4.3	20.4
12 27	6 29.65	+14 37.7	2.777	3.752	2.3	20.2
1 6	6 21.58	+15 1.9	2.792	3.756	3.4	20.3
1 16	6 14.11	+15 29.5	2.838	3.760	6.0	20.5
1 26	6 7.85	+15 59.3	2.912	3.763	8.6	20.7
2 5	6 3.27	+16 30.3	3.011	3.766	10.8	20.9

138925 2001 AU_{43} 12 28.2 121°.58 22°.6/ 2.0 17 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	7 40.19	−58 6.6	2.114	2.331	25.0	20.5
12 7	7 20.20	−58 34.0	2.086	2.360	24.6	20.5
12 17	6 56.38	−58 8.5	2.060	2.388	24.1	20.5
12 27	6 31.53	−56 39.3	2.041	2.414	23.6	20.5
1 6	6 8.70	−54 4.2	2.032	2.439	23.2	20.5
1 16	5 50.11	−50 29.5	2.036	2.462	22.8	20.5
1 26	5 36.74	−46 8.6	2.057	2.483	22.6	20.5
2 5	5 28.48	−41 18.0	2.097	2.503	22.6	20.6

70818 1999 VJ_{77} 12 28.2 330°.67 3°.9/27.8 17

11 27	6 53.77	+30 19.6	1.303	2.171	16.0	18.2
12 7	6 48.90	+30 54.6	1.225	2.151	11.9	17.9
12 17	6 40.61	+31 25.2	1.168	2.132	7.2	17.6
12 27	6 30.00	+31 45.2	1.136	2.114	4.0	17.4
1 6	6 18.83	+31 50.2	1.129	2.096	6.6	17.5
1 16	6 9.01	+31 39.5	1.147	2.080	11.6	17.7
1 26	6 2.22	+31 16.5	1.188	2.065	16.4	17.9
2 5	5 59.39	+30 46.1	1.246	2.052	20.5	18.2

195808 2002 QN_{17} 12 28.2 111°.04 2°.7/27.9 17

11 27	6 54.82	+31 46.7	2.342	3.180	11.0	20.4
12 7	6 48.13	+31 58.2	2.275	3.186	8.0	20.3
12 17	6 39.52	+32 3.8	2.235	3.192	4.9	20.1
12 27	6 29.85	+32 0.9	2.223	3.198	2.7	19.9
1 6	6 20.15	+31 48.3	2.242	3.204	4.3	20.1
1 16	6 11.44	+31 27.0	2.289	3.210	7.3	20.3
1 26	6 4.59	+30 59.1	2.364	3.216	10.3	20.5
2 5	6 0.10	+30 27.7	2.462	3.222	12.8	20.7

207121 2005 AT_{58} 12 28.2 21°.59 0°.0/28.2 18 R

11 27	6 54.71	+22 9.1	1.419	2.280	15.4	19.9
12 7	6 48.86	+22 24.7	1.358	2.284	11.0	19.6
12 17	6 40.22	+22 43.6	1.321	2.288	6.0	19.4
12 27	6 29.94	+23 2.7	1.310	2.293	0.6	19.0
1 6	6 19.52	+23 19.6	1.326	2.299	4.7	19.3
1 16	6 10.48	+23 33.2	1.368	2.305	9.8	19.6
1 26	6 4.06	+23 43.7	1.435	2.311	14.2	19.9
2 5	6 0.92	+23 52.1	1.521	2.318	17.8	20.2

267669 2002 TK_{271} 12 28.2 98°.17 0°.3/28.2 18

11 27	7 0.28	+23 59.0	1.533	2.383	15.1	20.6
12 7	6 52.45	+24 2.5	1.483	2.403	10.7	20.4
12 17	6 41.98	+24 5.6	1.457	2.422	5.8	20.2
12 27	6 30.11	+24 5.8	1.458	2.441	0.7	19.9
1 6	6 18.39	+24 1.7	1.488	2.460	4.5	20.2
1 16	6 8.24	+23 53.8	1.546	2.478	9.3	20.5
1 26	6 0.79	+23 44.1	1.630	2.496	13.3	20.8
2 5	5 56.57	+23 34.3	1.734	2.513	16.6	21.1

317494 2002 SL_{39} 12 28.2 177°.72 6°.6/29.4 18

11 27	6 49.58	− 1 34.9	2.946	3.712	10.8	21.1
12 7	6 44.02	− 2 5.7	2.874	3.714	9.0	20.9
12 17	6 37.18	− 2 22.7	2.826	3.715	7.5	20.8
12 27	6 29.62	− 2 24.0	2.805	3.716	6.6	20.8
1 6	6 21.97	− 2 9.4	2.814	3.716	6.9	20.8
1 16	6 14.88	− 1 39.8	2.850	3.716	8.2	20.9
1 26	6 8.93	− 0 57.5	2.912	3.715	9.9	21.0
2 5	6 4.56	− 0 5.9	2.998	3.715	11.6	21.1

210251 2007 RT_{243} 12 28.2 53°.95 12°.3/31.4 18

11 27	6 52.25	− 9 6.5	1.739	2.494	17.5	19.7
12 7	6 46.56	− 9 51.6	1.683	2.500	15.4	19.6
12 17	6 38.78	−10 7.9	1.646	2.507	13.5	19.5
12 27	6 29.80	− 9 50.9	1.632	2.513	12.4	19.4
1 6	6 20.72	− 9 0.1	1.641	2.520	12.5	19.4
1 16	6 12.65	− 7 39.1	1.674	2.526	13.7	19.5
1 26	6 6.55	− 5 55.1	1.729	2.533	15.6	19.7
2 5	6 2.99	− 3 56.9	1.805	2.540	17.6	19.8

458002 2009 WK_{76} 12 28.2 65°.44 3°.9/27.5 17

11 27	6 55.30	+33 14.2	2.114	2.954	11.9	21.3
12 7	6 48.77	+34 2.4	2.052	2.961	8.8	21.1
12 17	6 40.01	+34 44.3	2.015	2.968	5.7	20.9
12 27	6 29.94	+35 15.4	2.007	2.976	3.9	20.8
1 6	6 19.73	+35 32.8	2.028	2.983	5.4	21.0
1 16	6 10.58	+35 36.4	2.077	2.991	8.4	21.1
1 26	6 3.50	+35 28.3	2.153	2.998	11.4	21.4
2 5	5 59.11	+35 12.0	2.250	3.006	14.0	21.5

390640 2002 NE_{48} 12 28.2 115°.09 2°.0/28.0 17

11 27	6 58.95	+29 16.4	2.196	3.031	11.7	22.3
12 7	6 50.98	+29 29.0	2.142	3.053	8.4	22.2
12 17	6 41.03	+29 36.7	2.114	3.075	4.8	22.0
12 27	6 30.04	+29 37.0	2.117	3.096	2.0	21.8
1 6	6 19.17	+29 28.8	2.150	3.116	4.0	22.0
1 16	6 9.48	+29 12.9	2.213	3.135	7.4	22.2
1 26	6 1.85	+28 51.7	2.303	3.154	10.5	22.5
2 5	5 56.76	+28 27.9	2.417	3.172	13.1	22.7

28032 1998 DZ_{23} 12 28.2 341°.99 5°.6/28.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 50.71	+11 46.7	1.492	2.342	15.4	17.5
12 7	6 45.91	+11 1.9	1.420	2.331	11.8	17.2
12 17	6 38.63	+10 28.1	1.369	2.322	8.0	17.0
12 27	6 29.82	+10 8.2	1.344	2.312	5.6	16.8
1 6	6 20.74	+10 3.4	1.345	2.304	7.1	16.9
1 16	6 12.73	+10 13.3	1.372	2.297	10.8	17.1
1 26	6 6.94	+10 36.0	1.422	2.291	14.7	17.3
2 5	6 4.08	+11 7.9	1.491	2.285	18.2	17.5

325380 2008 SQ_{152} 12 28.2 81°.59 6°.8/26.3 18

11 27	7 0.78	+42 32.2	2.371	3.181	11.8	19.7
12 7	6 52.80	+44 5.4	2.327	3.203	9.5	19.6
12 17	6 42.27	+45 25.9	2.309	3.225	7.6	19.5
12 27	6 30.21	+46 26.9	2.319	3.246	6.8	19.5
1 6	6 17.93	+47 4.9	2.358	3.268	7.7	19.6
1 16	6 6.80	+47 20.0	2.425	3.289	9.6	19.7
1 26	5 57.99	+47 15.8	2.517	3.310	11.6	19.9
2 5	5 52.16	+46 57.8	2.630	3.331	13.4	20.1

372252 2008 UL_{162} 12 28.2 116°.15 1°.6/28.0 18

11 27	6 53.32	+28 5.6	2.366	3.208	10.7	21.1
12 7	6 47.06	+28 17.8	2.296	3.212	7.7	20.9
12 17	6 38.97	+28 26.9	2.253	3.215	4.4	20.7
12 27	6 29.85	+28 30.8	2.238	3.218	1.6	20.5
1 6	6 20.64	+28 28.4	2.254	3.222	3.7	20.7
1 16	6 12.32	+28 19.7	2.299	3.225	7.0	20.9
1 26	6 5.71	+28 6.2	2.372	3.228	10.1	21.1
2 5	6 1.35	+27 49.9	2.467	3.231	12.7	21.3

113341 2002 RQ_{222} 12 28.2 218°.51 0°.2/28.2 18

11 27	6 54.96	+21 50.6	1.882	2.729	12.8	19.9
12 7	6 48.61	+22 6.9	1.808	2.727	9.2	19.7
12 17	6 39.98	+22 25.8	1.759	2.724	5.0	19.4
12 27	6 29.97	+22 45.1	1.738	2.721	0.6	19.1
1 6	6 19.74	+23 2.7	1.747	2.719	4.0	19.3
1 16	6 10.51	+23 17.5	1.784	2.716	8.3	19.6
1 26	6 3.31	+23 29.7	1.848	2.712	12.1	19.8
2 5	5 58.82	+23 39.9	1.933	2.709	15.3	20.0

272045 2005 EJ_{104} 12 28.2 321°.85 4°.1/27.7 18

11 27	6 54.89	+35 8.1	2.220	3.057	11.5	20.5
12 7	6 48.47	+35 36.4	2.148	3.054	8.7	20.3
12 17	6 39.86	+35 56.8	2.100	3.050	5.8	20.1
12 27	6 29.95	+36 5.4	2.081	3.047	4.1	20.0
1 6	6 19.90	+36 0.3	2.090	3.044	5.4	20.1
1 16	6 10.86	+35 41.9	2.128	3.041	8.3	20.2
1 26	6 3.82	+35 13.0	2.193	3.039	11.2	20.4
2 5	5 59.41	+34 37.4	2.279	3.036	13.8	20.6

495560 2014 WO_{281} 12 28.2 47°.17 1°.1/28.4 17

11 27	6 51.76	+18 42.8	2.088	2.933	11.8	21.0
12 7	6 46.04	+19 4.3	2.026	2.942	8.5	20.8
12 17	6 38.45	+19 30.7	1.989	2.952	4.7	20.5
12 27	6 29.80	+20 0.4	1.980	2.962	1.2	20.3
1 6	6 21.07	+20 31.2	2.001	2.973	3.6	20.5
1 16	6 13.23	+21 1.5	2.052	2.983	7.3	20.8
1 26	6 7.14	+21 30.4	2.129	2.994	10.7	21.0
2 5	6 3.33	+21 57.3	2.229	3.005	13.5	21.2

515521 2014 FG_{4} 12 28.2 355°.44 3°.5/27.6 18

11 27	6 56.63	+28 7.8	1.358	2.221	15.8	20.7
12 7	6 50.68	+29 10.4	1.295	2.219	11.5	20.4
12 17	6 41.46	+30 12.1	1.254	2.218	6.8	20.1
12 27	6 30.15	+31 5.6	1.238	2.216	3.5	19.9
1 6	6 18.47	+31 45.1	1.250	2.216	6.3	20.1
1 16	6 8.24	+32 8.5	1.287	2.216	11.0	20.4
1 26	6 0.98	+32 17.8	1.347	2.216	15.4	20.6
2 5	5 57.50	+32 16.9	1.426	2.217	19.1	20.9

458083 2010 AS_{52} 12 28.2 308°.90 5°.9/30.3 18

11 27	6 52.14	+ 2 23.0	2.189	2.985	13.1	20.6
12 7	6 46.35	+ 2 54.6	2.102	2.974	10.5	20.4
12 17	6 38.69	+ 3 45.1	2.039	2.963	7.9	20.3
12 27	6 29.85	+ 4 54.9	2.003	2.953	6.1	20.1
1 6	6 20.71	+ 6 21.7	1.998	2.942	6.5	20.1
1 16	6 12.22	+ 8 1.0	2.022	2.932	8.8	20.3
1 26	6 5.26	+ 9 47.8	2.074	2.922	11.7	20.4
2 5	6 0.46	+11 36.6	2.150	2.912	14.4	20.6

229316 2005 JB_{69} 12 28.2 309°.29 0°.6/27.9 17

11 27	6 54.81	+20 32.3	2.040	2.882	12.2	19.8
12 7	6 48.79	+21 51.6	1.935	2.852	8.8	19.5
12 17	6 40.32	+23 20.5	1.857	2.822	4.9	19.2
12 27	6 30.05	+24 54.1	1.809	2.792	0.8	18.8
1 6	6 19.04	+26 26.7	1.791	2.761	4.2	19.0
1 16	6 8.51	+27 53.2	1.805	2.732	8.5	19.2
1 26	5 59.72	+29 10.5	1.846	2.702	12.5	19.4
2 5	5 53.58	+30 17.8	1.909	2.672	15.9	19.6

505269 2012 VH_{17} 12 28.2 96°.40 11°.6/26.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	7 3.67	+ 7 37.6	1.069	1.909	20.9	20.9
12 7	6 55.42	+ 4 47.5	1.021	1.918	16.7	20.7
12 17	6 43.82	+ 2 13.0	0.996	1.928	13.1	20.5
12 27	6 30.39	+ 0 7.2	0.994	1.937	11.6	20.4
1 6	6 17.11	− 1 20.8	1.018	1.946	13.2	20.6
1 16	6 5.83	− 2 8.0	1.064	1.955	16.6	20.8
1 26	5 57.92	− 2 18.7	1.130	1.964	20.2	21.0
2 5	5 53.96	− 2 1.7	1.212	1.973	23.4	21.3

419498 2010 ES_{126} 12 28.2 312°.09 3°.1/28.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 50.87	+12 55.1	2.069	2.905	12.3	20.7
12 7	6 45.72	+13 12.6	1.967	2.875	9.2	20.5
12 17	6 38.49	+13 41.0	1.891	2.846	5.8	20.2
12 27	6 29.85	+14 20.0	1.842	2.817	3.2	20.0
1 6	6 20.73	+15 7.8	1.822	2.788	4.7	20.0
1 16	6 12.19	+16 1.9	1.831	2.759	8.3	20.2
1 26	6 5.25	+16 59.6	1.867	2.731	12.0	20.4
2 5	6 0.65	+17 58.4	1.925	2.703	15.3	20.5

387691 2002 UV_{1} 12 28.2 15°.65 5°.0/27.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 54.15	+30 50.2	0.938	1.822	19.3	20.3
12 7	6 49.56	+31 36.3	0.895	1.829	14.1	20.1
12 17	6 40.99	+32 14.7	0.871	1.837	8.6	19.8
12 27	6 30.10	+32 37.4	0.869	1.847	5.0	19.6
1 6	6 19.21	+32 40.0	0.891	1.858	7.7	19.8
1 16	6 10.53	+32 23.9	0.934	1.872	12.9	20.2
1 26	6 5.66	+31 54.6	0.997	1.887	17.7	20.5
2 5	6 5.18	+31 18.4	1.077	1.903	21.7	20.8

205110 1999 UE_{33} 12 28.2 8°.79 1°.6/28.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 55.36	+25 58.5	1.476	2.336	14.9	20.9
12 7	6 49.39	+26 20.5	1.412	2.337	10.7	20.7
12 17	6 40.58	+26 41.6	1.372	2.338	6.0	20.4
12 27	6 30.07	+26 57.9	1.358	2.340	1.6	20.1
1 6	6 19.38	+27 6.7	1.371	2.342	5.0	20.4
1 16	6 10.05	+27 7.8	1.410	2.344	9.8	20.6
1 26	6 3.37	+27 2.7	1.474	2.347	14.1	20.9
2 5	6 0.01	+26 54.1	1.558	2.350	17.6	21.1

362116 2009 CW_{58} 12 28.2 150°.98 10°.2/30.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 52.43	− 7 39.2	2.211	2.956	14.5	21.3
12 7	6 46.37	− 8 30.1	2.150	2.962	12.7	21.2
12 17	6 38.60	− 8 59.0	2.110	2.967	11.1	21.1
12 27	6 29.85	− 9 2.4	2.095	2.973	10.2	21.0
1 6	6 21.01	− 8 39.3	2.106	2.978	10.4	21.1
1 16	6 12.98	− 7 51.8	2.142	2.982	11.6	21.1
1 26	6 6.53	− 6 44.2	2.201	2.986	13.3	21.3
2 5	6 2.19	− 5 22.4	2.282	2.990	15.1	21.4

124229 2001 PX_{24} 12 28.2 73°.32 0°.7/28.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 59.72	+24 50.1	1.420	2.276	15.7	20.0
12 7	6 52.20	+24 55.8	1.375	2.298	11.2	19.8
12 17	6 41.91	+25 0.3	1.353	2.320	6.1	19.6
12 27	6 30.19	+25 0.8	1.358	2.341	1.0	19.3
1 6	6 18.67	+24 55.9	1.391	2.363	4.7	19.6
1 16	6 8.86	+24 46.4	1.451	2.385	9.6	19.9
1 26	6 1.89	+24 34.3	1.536	2.406	13.8	20.2
2 5	5 58.27	+24 21.8	1.641	2.427	17.1	20.5

182620 2001 UL_{101} 12 28.2 31°.77 1°.7/28.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 54.97	+26 41.0	1.710	2.564	13.6	20.5
12 7	6 48.79	+27 3.5	1.647	2.568	9.7	20.3
12 17	6 40.13	+27 24.1	1.608	2.573	5.4	20.0
12 27	6 30.02	+27 39.6	1.597	2.578	1.7	19.8
1 6	6 19.80	+27 47.7	1.613	2.583	4.6	20.0
1 16	6 10.79	+27 48.0	1.658	2.589	8.8	20.3
1 26	6 4.11	+27 42.2	1.728	2.595	12.7	20.5
2 5	6 0.38	+27 32.7	1.819	2.601	15.9	20.7

447457 2006 JQ_{22} 12 28.2 167°.30 3°.9/29.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 54.25	+ 9 30.6	2.412	3.225	11.5	22.6
12 7	6 47.58	+ 9 32.7	2.340	3.231	8.7	22.4
12 17	6 39.24	+ 9 45.1	2.293	3.236	5.9	22.2
12 27	6 29.93	+10 7.7	2.275	3.240	4.0	22.1
1 6	6 20.51	+10 39.5	2.289	3.244	4.9	22.2
1 16	6 11.82	+11 18.7	2.332	3.247	7.5	22.3
1 26	6 4.66	+12 3.2	2.403	3.249	10.4	22.5
2 5	5 59.52	+12 50.6	2.498	3.250	12.9	22.7

420668 2012 JR_{57} 12 28.2 159°.81 2°.9/28.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 50.94	+13 5.4	2.547	3.374	10.5	22.2
12 7	6 45.20	+13 2.0	2.474	3.377	7.8	22.1
12 17	6 37.93	+13 5.8	2.427	3.380	5.0	21.9
12 27	6 29.79	+13 16.7	2.410	3.382	2.9	21.8
1 6	6 21.55	+13 33.9	2.423	3.385	4.1	21.8
1 16	6 13.99	+13 56.5	2.465	3.387	6.8	22.0
1 26	6 7.81	+14 23.2	2.536	3.389	9.6	22.2
2 5	6 3.50	+14 52.5	2.630	3.391	12.0	22.4

253321 2003 EO_{9} 12 28.2 245°.17 4°.0/27.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 57.24	+34 35.3	2.057	2.894	12.3	20.2
12 7	6 50.28	+34 57.2	1.982	2.889	9.2	20.0
12 17	6 40.92	+35 10.6	1.932	2.884	6.0	19.8
12 27	6 30.13	+35 11.5	1.910	2.879	4.1	19.7
1 6	6 19.18	+34 58.0	1.917	2.874	5.5	19.8
1 16	6 9.35	+34 31.0	1.953	2.869	8.7	19.9
1 26	6 1.75	+33 53.9	2.015	2.864	11.9	20.1
2 5	5 56.99	+33 11.0	2.099	2.859	14.7	20.3

94777 2001 XF_{114} 12 28.2 88°.56 3°.1/27.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 59.47	+28 57.4	1.569	2.420	14.7	19.3
12 7	6 52.15	+29 45.0	1.517	2.435	10.6	19.1
12 17	6 42.00	+30 28.7	1.488	2.450	6.2	18.9
12 27	6 30.24	+31 2.8	1.487	2.464	3.1	18.7
1 6	6 18.44	+31 23.6	1.514	2.479	5.5	18.9
1 16	6 8.15	+31 30.9	1.568	2.493	9.7	19.2
1 26	6 0.59	+31 27.3	1.647	2.507	13.5	19.5
2 5	5 56.40	+31 16.7	1.747	2.521	16.7	19.7

454654 2014 QB_{301} 12 28.2 190°.62 2°.6/27.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 55.19	+29 46.5	2.127	2.970	11.7	20.9
12 7	6 48.69	+30 19.3	2.056	2.970	8.5	20.7
12 17	6 40.02	+30 48.4	2.009	2.970	5.1	20.5
12 27	6 30.04	+31 10.0	1.992	2.969	2.6	20.3
1 6	6 19.87	+31 22.0	2.004	2.968	4.5	20.5
1 16	6 10.68	+31 23.8	2.046	2.968	8.0	20.7
1 26	6 3.46	+31 17.2	2.113	2.967	11.2	20.9
2 5	5 58.82	+31 4.8	2.203	2.966	14.0	21.1

484109 2006 SX_{39} 12 28.2 108°.94 0°.5/28.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 55.14	+21 4.7	1.904	2.750	12.8	21.6
12 7	6 48.61	+21 16.3	1.841	2.759	9.1	21.4
12 17	6 39.94	+21 30.8	1.803	2.767	5.0	21.2
12 27	6 30.04	+21 46.1	1.793	2.776	0.8	20.9
1 6	6 20.06	+22 0.7	1.812	2.784	3.9	21.2
1 16	6 11.15	+22 13.6	1.861	2.792	8.0	21.4
1 26	6 4.26	+22 24.9	1.936	2.800	11.6	21.7
2 5	5 59.97	+22 35.0	2.033	2.808	14.7	21.9

92692 2000 QJ_{75} 12 28.2 160°.99 0°.5/28.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 57.27	+21 20.6	1.996	2.836	12.5	20.8
12 7	6 50.07	+21 26.5	1.927	2.842	8.9	20.6
12 17	6 40.72	+21 34.5	1.884	2.848	4.9	20.4
12 27	6 30.13	+21 42.8	1.870	2.853	0.8	20.1
1 6	6 19.44	+21 50.0	1.886	2.857	3.8	20.3
1 16	6 9.79	+21 55.7	1.932	2.861	7.9	20.6
1 26	6 2.15	+22 0.3	2.004	2.864	11.5	20.8
2 5	5 57.10	+22 4.5	2.100	2.866	14.5	21.0

366486 2002 NC_{39} 12 28.2 97°.15 3°.4/28.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 52.68	+13 5.2	2.506	3.330	10.8	20.4
12 7	6 46.28	+12 28.7	2.449	3.349	8.0	20.2
12 17	6 38.45	+11 58.6	2.420	3.369	5.2	20.1
12 27	6 29.87	+11 35.8	2.420	3.388	3.4	20.0
1 6	6 21.35	+11 20.9	2.450	3.407	4.5	20.1
1 16	6 13.66	+11 13.7	2.511	3.426	7.0	20.3
1 26	6 7.45	+11 13.7	2.598	3.444	9.7	20.5
2 5	6 3.13	+11 19.6	2.710	3.462	11.9	20.7

35113 1992 CR_{2} 12 28.2 203°.61 2°.7/28.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 58.12	+16 56.6	1.573	2.418	15.0	18.3
12 7	6 51.16	+16 43.2	1.500	2.415	11.0	18.1
12 17	6 41.52	+16 36.4	1.451	2.412	6.5	17.8
12 27	6 30.23	+16 36.0	1.429	2.408	2.8	17.6
1 6	6 18.70	+16 41.3	1.435	2.404	5.2	17.7
1 16	6 8.36	+16 51.4	1.469	2.399	9.8	18.0
1 26	6 0.45	+17 5.8	1.528	2.393	14.1	18.2
2 5	5 55.67	+17 23.5	1.608	2.388	17.7	18.4

275891 2001 TG_{52} 12 28.2 108°.92 2°.9/27.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 0.60	+29 6.4	1.694	2.539	14.1	20.8
12 7	6 52.78	+29 48.8	1.641	2.556	10.2	20.6
12 17	6 42.29	+30 26.9	1.612	2.574	6.0	20.4
12 27	6 30.30	+30 55.5	1.612	2.590	2.9	20.2
1 6	6 18.32	+31 11.6	1.641	2.606	5.2	20.4
1 16	6 7.79	+31 15.0	1.699	2.622	9.2	20.7
1 26	5 59.88	+31 8.6	1.781	2.637	12.9	20.9
2 5	5 55.17	+30 55.9	1.885	2.652	15.9	21.2

493938 2016 AH_{1} 12 28.2 74°.28 3°.0/27.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 55.39	+29 59.1	2.110	2.953	11.8	21.2
12 7	6 48.79	+30 52.5	2.053	2.967	8.6	21.0
12 17	6 40.05	+31 42.0	2.022	2.981	5.2	20.8
12 27	6 30.07	+32 23.4	2.020	2.995	3.0	20.7
1 6	6 19.99	+32 53.6	2.047	3.009	4.8	20.9
1 16	6 10.95	+33 11.7	2.104	3.023	8.0	21.1
1 26	6 3.90	+33 19.2	2.187	3.037	11.1	21.3
2 5	5 59.45	+33 18.7	2.292	3.050	13.7	21.5

245579 2005 UD_{343} 12 28.2 129°.42 1°.1/27.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 59.89	+23 28.3	1.815	2.657	13.5	20.4
12 7	6 52.15	+24 21.4	1.755	2.672	9.6	20.2
12 17	6 41.94	+25 16.3	1.722	2.686	5.2	20.0
12 27	6 30.29	+26 8.2	1.718	2.700	1.2	19.7
1 6	6 18.51	+26 53.2	1.744	2.713	4.3	20.0
1 16	6 7.94	+27 29.3	1.799	2.726	8.6	20.2
1 26	5 59.69	+27 56.6	1.881	2.737	12.3	20.5
2 5	5 54.39	+28 17.0	1.985	2.748	15.3	20.7

149651 2004 FC_{53} 12 28.2 312°.57 0°.1/28.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 56.16	+22 2.3	1.370	2.231	15.8	20.1
12 7	6 50.24	+22 28.5	1.299	2.224	11.4	19.8
12 17	6 41.23	+22 59.3	1.250	2.217	6.3	19.5
12 27	6 30.23	+23 31.0	1.227	2.211	0.7	19.1
1 6	6 18.84	+23 59.9	1.231	2.204	5.0	19.4
1 16	6 8.75	+24 24.0	1.262	2.198	10.4	19.7
1 26	6 1.41	+24 43.0	1.316	2.192	15.2	19.9
2 5	5 57.65	+24 58.3	1.389	2.186	19.1	20.2

396687 2002 TJ_{63} 12 28.2 131°.09 6°.4/27.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 2.01	+41 24.0	2.134	2.950	12.7	21.3
12 7	6 53.71	+42 13.9	2.077	2.962	10.0	21.2
12 17	6 42.79	+42 50.3	2.045	2.974	7.6	21.1
12 27	6 30.38	+43 7.5	2.041	2.985	6.4	21.0
1 6	6 17.94	+43 3.0	2.065	2.995	7.4	21.1
1 16	6 6.88	+42 38.1	2.117	3.005	9.6	21.3
1 26	5 58.37	+41 57.6	2.195	3.015	12.2	21.4
2 5	5 53.00	+41 7.4	2.294	3.024	14.4	21.6

190242 2007 DA_{60} 12 28.2 212°.57 3°.4/28.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 55.79	+14 3.1	1.721	2.560	14.2	20.4
12 7	6 49.33	+13 59.6	1.646	2.556	10.6	20.2
12 17	6 40.48	+14 5.8	1.595	2.552	6.5	19.9
12 27	6 30.14	+14 21.4	1.572	2.548	3.5	19.8
1 6	6 19.55	+14 45.3	1.577	2.543	5.3	19.9
1 16	6 9.98	+15 15.6	1.611	2.538	9.3	20.1
1 26	6 2.53	+15 50.3	1.670	2.533	13.2	20.3
2 5	5 57.89	+16 27.6	1.750	2.527	16.6	20.5

405454 2004 TP_{221} 12 28.2 40°.65 2°.7/28.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 53.13	+16 8.8	1.629	2.479	14.3	20.6
12 7	6 47.24	+16 0.9	1.582	2.499	10.4	20.4
12 17	6 39.19	+16 0.9	1.559	2.520	6.1	20.2
12 27	6 30.00	+16 8.2	1.562	2.541	2.8	20.1
1 6	6 20.89	+16 21.7	1.594	2.563	4.8	20.3
1 16	6 13.02	+16 39.9	1.653	2.585	8.8	20.5
1 26	6 7.33	+17 1.5	1.737	2.607	12.4	20.8
2 5	6 4.31	+17 25.1	1.843	2.630	15.5	21.1

329022 2011 AS_{11} 12 28.2 111°.38 2°.1/28.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 55.87	+30 10.1	2.240	3.080	11.3	20.5
12 7	6 48.93	+30 10.8	2.175	3.088	8.2	20.3
12 17	6 40.04	+30 6.1	2.136	3.097	4.8	20.1
12 27	6 30.09	+29 53.8	2.126	3.105	2.1	19.9
1 6	6 20.16	+29 33.5	2.146	3.113	4.0	20.1
1 16	6 11.27	+29 6.1	2.196	3.121	7.4	20.3
1 26	6 4.31	+28 34.2	2.273	3.128	10.5	20.5
2 5	5 59.78	+28 0.4	2.373	3.136	13.1	20.7

66783 1999 TE_{227} 12 28.2 329°.21 1°.8/28.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 57.21	+21 33.9	1.629	2.480	14.3	17.8
12 7	6 50.36	+20 39.0	1.558	2.477	10.3	17.6
12 17	6 41.00	+19 43.2	1.510	2.474	5.8	17.3
12 27	6 30.21	+18 47.6	1.490	2.472	1.9	17.1
1 6	6 19.34	+17 54.4	1.500	2.469	4.8	17.3
1 16	6 9.75	+17 6.4	1.537	2.467	9.4	17.5
1 26	6 2.54	+16 25.9	1.600	2.465	13.6	17.8
2 5	5 58.34	+15 54.0	1.683	2.464	17.0	18.0

480102 2015 FC_{39} 12 28.2 221°.73 3°.5/27.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 0.57	+30 9.3	1.656	2.503	14.3	21.8
12 7	6 53.20	+30 54.2	1.580	2.496	10.5	21.5
12 17	6 42.79	+31 35.2	1.528	2.488	6.4	21.3
12 27	6 30.43	+32 6.2	1.504	2.480	3.5	21.1
1 6	6 17.66	+32 23.0	1.508	2.472	5.8	21.2
1 16	6 6.13	+32 24.9	1.540	2.463	10.1	21.4
1 26	5 57.28	+32 14.6	1.597	2.453	14.1	21.7
2 5	5 51.92	+31 56.7	1.675	2.443	17.6	21.9

391073 2005 UH_{116} 12 28.2 35°.67 3°.8/27.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 57.81	+29 33.2	1.137	2.007	17.7	20.1
12 7	6 51.61	+30 14.1	1.094	2.022	12.8	19.9
12 17	6 41.93	+30 49.2	1.073	2.038	7.6	19.6
12 27	6 30.31	+31 11.9	1.076	2.054	3.8	19.5
1 6	6 18.79	+31 18.5	1.104	2.072	6.6	19.7
1 16	6 9.29	+31 10.1	1.156	2.090	11.4	20.0
1 26	6 3.21	+30 50.9	1.231	2.109	15.9	20.3
2 5	6 1.10	+30 25.9	1.324	2.128	19.6	20.6

26503 Avicramer 12 28.2 4°.70 7°.0/29.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 51.46	+ 8 25.1	1.062	1.923	19.5	17.2
12 7	6 47.09	+ 8 19.5	1.006	1.922	15.1	17.0
12 17	6 39.56	+ 8 37.4	0.969	1.922	10.4	16.7
12 27	6 30.07	+ 9 20.2	0.955	1.924	7.1	16.5
1 6	6 20.32	+10 25.0	0.964	1.926	8.4	16.6
1 16	6 12.05	+11 45.8	0.996	1.931	12.6	16.9
1 26	6 6.71	+13 14.8	1.049	1.936	17.2	17.1
2 5	6 5.07	+14 45.0	1.120	1.943	21.2	17.4

43624 2002 CY_{146} 12 28.2 325°.00 3°.1/28.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 53.42	+17 6.4	1.374	2.234	15.9	19.1
12 7	6 48.19	+16 45.6	1.299	2.221	11.7	18.8
12 17	6 40.08	+16 32.1	1.245	2.208	7.0	18.5
12 27	6 30.14	+16 26.1	1.217	2.196	3.2	18.3
1 6	6 19.81	+16 27.6	1.215	2.185	5.7	18.4
1 16	6 10.67	+16 36.0	1.239	2.174	10.7	18.6
1 26	6 4.07	+16 50.3	1.286	2.164	15.3	18.9
2 5	6 0.81	+17 9.3	1.352	2.155	19.3	19.1

71561 2000 DU_{25} 12 28.2 54°.03 0°.3/28.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 53.97	+23 30.9	1.912	2.761	12.5	19.0
12 7	6 47.70	+23 41.4	1.860	2.780	8.9	18.8
12 17	6 39.41	+23 52.2	1.833	2.798	4.8	18.6
12 27	6 30.04	+24 1.6	1.834	2.817	0.6	18.3
1 6	6 20.71	+24 8.0	1.865	2.836	3.8	18.6
1 16	6 12.50	+24 11.2	1.924	2.856	7.7	18.9
1 26	6 6.32	+24 11.9	2.009	2.875	11.2	19.1
2 5	6 2.67	+24 11.2	2.117	2.895	14.1	19.3

117862 2005 LX_{12} 12 28.2 189°.89 3°.8/28.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 57.30	+13 50.9	1.774	2.609	14.1	20.9
12 7	6 50.30	+13 30.0	1.701	2.608	10.5	20.7
12 17	6 40.97	+13 17.5	1.652	2.607	6.6	20.5
12 27	6 30.23	+13 14.0	1.631	2.605	3.8	20.3
1 6	6 19.29	+13 19.4	1.639	2.602	5.5	20.4
1 16	6 9.41	+13 32.8	1.676	2.599	9.3	20.6
1 26	6 1.65	+13 53.0	1.738	2.595	13.1	20.8
2 5	5 56.66	+14 18.1	1.822	2.591	16.3	21.0

273665 2007 DH_{100} 12 28.2 225°.32 0°.8/28.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 57.14	+20 29.5	1.787	2.632	13.5	21.4
12 7	6 50.36	+20 37.6	1.707	2.624	9.8	21.2
12 17	6 41.09	+20 49.4	1.651	2.616	5.4	20.9
12 27	6 30.25	+21 3.0	1.624	2.607	1.0	20.6
1 6	6 19.11	+21 16.5	1.626	2.597	4.3	20.8
1 16	6 8.97	+21 29.1	1.657	2.588	8.8	21.1
1 26	6 1.00	+21 40.6	1.713	2.577	12.9	21.3
2 5	5 55.92	+21 51.7	1.792	2.567	16.3	21.5

142776 2002 UQ_{8} 12 28.2 43°.03 2°.8/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 54.23	+13 24.6	1.661	2.503	14.5	19.6
12 7	6 48.24	+14 3.3	1.597	2.510	10.7	19.4
12 17	6 39.89	+14 54.9	1.557	2.516	6.4	19.2
12 27	6 30.12	+15 56.7	1.545	2.523	2.9	19.0
1 6	6 20.16	+17 4.8	1.561	2.530	4.8	19.1
1 16	6 11.27	+18 15.0	1.606	2.538	8.9	19.4
1 26	6 4.52	+19 23.6	1.676	2.545	12.8	19.6
2 5	6 0.58	+20 28.2	1.768	2.553	16.1	19.8

184578 2005 QB_{100} 12 28.2 72°.82 0°.7/28.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 55.50	+25 33.0	1.892	2.740	12.7	20.1
12 7	6 48.94	+25 28.0	1.826	2.745	9.1	19.9
12 17	6 40.17	+25 21.0	1.785	2.751	5.0	19.7
12 27	6 30.16	+25 10.3	1.773	2.756	0.9	19.4
1 6	6 20.11	+24 55.4	1.790	2.761	3.9	19.6
1 16	6 11.19	+24 36.9	1.835	2.766	8.1	19.9
1 26	6 4.38	+24 16.6	1.907	2.772	11.7	20.1
2 5	6 0.26	+23 56.5	2.000	2.777	14.8	20.4

282493 2004 PB_{15} 12 28.2 198°.76 2°.7/27.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 59.40	+29 53.6	1.977	2.816	12.6	21.0
12 7	6 51.90	+30 22.9	1.901	2.813	9.2	20.8
12 17	6 41.90	+30 47.7	1.850	2.809	5.5	20.5
12 27	6 30.37	+31 4.0	1.828	2.805	2.8	20.3
1 6	6 18.60	+31 9.1	1.836	2.800	4.8	20.5
1 16	6 7.92	+31 3.1	1.873	2.795	8.6	20.7
1 26	5 59.47	+30 48.1	1.936	2.788	12.2	20.9
2 5	5 53.95	+30 27.8	2.022	2.782	15.2	21.1

22598 Francespearl 12 28.2 60°.03 0°.3/28.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 59.04	+21 12.1	1.215	2.078	17.3	17.4
12 7	6 52.19	+22 2.3	1.171	2.097	12.3	17.2
12 17	6 42.18	+22 58.0	1.150	2.117	6.7	16.9
12 27	6 30.39	+23 53.3	1.154	2.137	0.8	16.6
1 6	6 18.65	+24 43.0	1.185	2.158	5.2	17.0
1 16	6 8.70	+25 24.0	1.242	2.178	10.5	17.3
1 26	6 1.86	+25 56.4	1.322	2.199	15.1	17.7
2 5	5 58.73	+26 21.5	1.422	2.219	18.8	18.0

215367 2001 XM_{256} 12 28.2 85°.68 3°.9/29.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 54.55	+10 4.4	1.983	2.807	13.2	20.4
12 7	6 48.00	+10 24.5	1.929	2.828	9.9	20.2
12 17	6 39.57	+10 57.0	1.900	2.849	6.5	20.1
12 27	6 30.11	+11 40.7	1.899	2.869	4.0	19.9
1 6	6 20.65	+12 33.1	1.928	2.889	5.0	20.1
1 16	6 12.18	+13 31.2	1.987	2.910	8.1	20.3
1 26	6 5.55	+14 31.7	2.072	2.929	11.3	20.5
2 5	6 1.27	+15 32.0	2.180	2.949	14.0	20.7

430928 2005 TA_{163} 12 28.2 124°.90 0°.4/28.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 59.82	+23 58.6	1.810	2.653	13.5	21.8
12 7	6 51.98	+24 6.0	1.753	2.670	9.6	21.6
12 17	6 41.80	+24 13.0	1.721	2.686	5.2	21.4
12 27	6 30.35	+24 17.1	1.718	2.701	0.7	21.1
1 6	6 18.95	+24 17.1	1.745	2.716	4.1	21.3
1 16	6 8.85	+24 13.0	1.801	2.730	8.4	21.6
1 26	6 1.07	+24 6.4	1.883	2.743	12.1	21.9
2 5	5 56.18	+23 58.9	1.987	2.756	15.2	22.1

480780 2016 PR_{17} 12 28.2 121°.46 0°.6/28.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 0.78	+20 9.0	1.591	2.435	14.9	21.6
12 7	6 52.89	+20 33.8	1.537	2.453	10.7	21.4
12 17	6 42.39	+21 3.1	1.506	2.471	5.8	21.1
12 27	6 30.42	+21 33.8	1.504	2.487	0.9	20.8
1 6	6 18.45	+22 2.7	1.531	2.503	4.4	21.1
1 16	6 7.90	+22 28.3	1.587	2.518	9.1	21.4
1 26	5 59.91	+22 50.4	1.668	2.532	13.2	21.7
2 5	5 55.08	+23 9.8	1.771	2.545	16.5	22.0

489516 2007 PP_{49} 12 28.2 221°.07 2°.3/27.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 54.10	+31 17.0	2.851	3.682	9.4	22.3
12 7	6 47.55	+31 31.8	2.766	3.674	6.9	22.1
12 17	6 39.33	+31 41.9	2.707	3.665	4.2	22.0
12 27	6 30.10	+31 45.2	2.680	3.655	2.3	21.8
1 6	6 20.72	+31 40.3	2.683	3.645	3.7	21.9
1 16	6 12.05	+31 27.5	2.716	3.635	6.4	22.1
1 26	6 4.85	+31 8.3	2.778	3.624	9.1	22.2
2 5	5 59.66	+30 44.8	2.864	3.613	11.4	22.4

399757 2005 JE_{55} 12 28.2 261°.26 2°.4/27.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 56.70	+26 40.5	1.893	2.740	12.8	21.3
12 7	6 50.20	+27 43.5	1.812	2.729	9.3	21.1
12 17	6 41.12	+28 47.7	1.755	2.718	5.4	20.8
12 27	6 30.33	+29 47.6	1.728	2.707	2.4	20.6
1 6	6 19.06	+30 38.5	1.730	2.696	4.9	20.8
1 16	6 8.67	+31 17.7	1.761	2.684	8.9	21.0
1 26	6 0.42	+31 45.3	1.818	2.673	12.7	21.2
2 5	5 55.11	+32 3.4	1.896	2.661	15.9	21.4

28493 Duncan–Lewis 12 28.2 271°.34 2°.1/28.4 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 56.19	+18 18.2	1.512	2.365	15.1	19.5
12 7	6 49.96	+18 10.3	1.438	2.358	11.0	19.2
12 17	6 40.99	+18 8.3	1.388	2.351	6.4	19.0
12 27	6 30.31	+18 11.5	1.364	2.345	2.3	18.7
1 6	6 19.33	+18 18.9	1.367	2.338	5.0	18.8
1 16	6 9.52	+18 29.5	1.398	2.331	9.9	19.1
1 26	6 2.17	+18 42.8	1.453	2.324	14.3	19.4
2 5	5 58.01	+18 58.5	1.528	2.318	18.0	19.6

271579 2004 LD_{31} 12 28.2 135°.02 0°.7/28.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 58.72	+21 25.6	2.110	2.945	12.1	21.1
12 7	6 50.91	+21 18.1	2.049	2.962	8.6	20.9
12 17	6 41.13	+21 11.8	2.015	2.978	4.7	20.7
12 27	6 30.31	+21 5.5	2.011	2.994	0.9	20.4
1 6	6 19.53	+20 58.6	2.038	3.008	3.7	20.7
1 16	6 9.85	+20 51.4	2.094	3.022	7.5	20.9
1 26	6 2.14	+20 44.7	2.179	3.034	10.9	21.2
2 5	5 56.92	+20 39.2	2.286	3.046	13.7	21.4

466947 2016 AE_{127} 12 28.2 316°.90 8°.4/26.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 58.46	+45 26.4	2.055	2.867	13.3	20.7
12 7	6 51.84	+46 38.4	1.979	2.852	11.0	20.5
12 17	6 42.16	+47 36.3	1.926	2.836	9.2	20.4
12 27	6 30.45	+48 12.3	1.899	2.822	8.4	20.3
1 6	6 18.26	+48 21.9	1.899	2.807	9.4	20.4
1 16	6 7.27	+48 5.1	1.924	2.793	11.4	20.5
1 26	5 58.95	+47 26.3	1.973	2.779	13.8	20.6
2 5	5 54.12	+46 32.3	2.041	2.766	16.2	20.7

76312 2000 ER_{138} 12 28.2 157°.20 7°.8/30.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 50.26	− 3 54.4	2.506	3.268	12.6	18.4
12 7	6 44.77	− 4 11.2	2.436	3.270	10.7	18.3
12 17	6 37.79	− 4 9.7	2.389	3.272	8.9	18.2
12 27	6 29.95	− 3 48.1	2.368	3.273	7.9	18.1
1 6	6 22.00	− 3 6.6	2.374	3.275	8.1	18.1
1 16	6 14.69	− 2 7.2	2.407	3.276	9.4	18.2
1 26	6 8.73	− 0 53.7	2.466	3.277	11.3	18.3
2 5	6 4.60	+ 0 28.9	2.549	3.278	13.2	18.5

197103 2003 UQ_{193} 12 28.2 31°.30 0°.7/28.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 52.63	+21 15.9	2.058	2.904	11.9	20.2
12 7	6 46.78	+21 13.9	1.989	2.907	8.5	20.0
12 17	6 38.99	+21 13.9	1.946	2.911	4.7	19.8
12 27	6 30.08	+21 14.9	1.931	2.914	0.9	19.5
1 6	6 21.08	+21 16.0	1.946	2.917	3.6	19.7
1 16	6 13.01	+21 16.9	1.990	2.921	7.5	20.0
1 26	6 6.74	+21 17.9	2.060	2.925	11.0	20.2
2 5	6 2.84	+21 19.4	2.152	2.929	13.9	20.4

322065 2010 VH_{91} 12 28.2 105°.47 0°.7/28.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 54.74	+24 54.9	2.068	2.913	11.9	20.9
12 7	6 48.29	+25 6.1	2.003	2.921	8.5	20.7
12 17	6 39.81	+25 16.7	1.963	2.927	4.6	20.5
12 27	6 30.17	+25 24.3	1.952	2.934	0.9	20.2
1 6	6 20.46	+25 27.8	1.970	2.941	3.7	20.5
1 16	6 11.76	+25 26.8	2.018	2.948	7.6	20.7
1 26	6 4.97	+25 22.5	2.093	2.954	11.0	20.9
2 5	6 0.66	+25 16.2	2.190	2.961	13.9	21.2

401387 2013 CT_{32} 12 28.2 0°.77 5°.4/30.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 57.67	+ 4 3.7	1.567	2.380	16.6	19.6
12 7	6 50.96	+ 5 27.2	1.491	2.379	13.0	19.4
12 17	6 41.56	+ 7 18.3	1.437	2.379	8.9	19.2
12 27	6 30.40	+ 9 34.1	1.412	2.379	5.7	19.0
1 6	6 18.79	+12 6.8	1.417	2.379	6.4	19.0
1 16	6 8.18	+14 46.0	1.453	2.380	10.1	19.2
1 26	5 59.85	+17 21.9	1.516	2.381	14.2	19.5
2 5	5 54.61	+19 47.6	1.603	2.383	17.8	19.7

499943 2011 HO_{61} 12 28.2 138°.31 18°.4/28.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 58.97	−10 6.0	1.195	1.967	23.1	21.5
12 7	6 52.15	−12 44.7	1.152	1.972	20.9	21.3
12 17	6 42.24	−14 47.5	1.126	1.976	19.1	21.2
12 27	6 30.46	−16 1.7	1.119	1.980	18.4	21.2
1 6	6 18.52	−16 21.7	1.132	1.984	18.9	21.2
1 16	6 8.10	−15 49.5	1.164	1.988	20.4	21.3
1 26	6 0.58	−14 34.3	1.212	1.991	22.4	21.5
2 5	5 56.70	−12 49.2	1.274	1.994	24.4	21.7

30754 1981 EB_{39} 12 28.2 203°.69 4°.5/28.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 55.65	+10 26.5	2.082	2.902	12.8	20.3
12 7	6 48.92	+10 6.9	2.002	2.898	9.8	20.1
12 17	6 40.19	+ 9 57.4	1.947	2.892	6.6	19.9
12 27	6 30.23	+ 9 58.9	1.920	2.886	4.5	19.7
1 6	6 20.06	+10 11.4	1.923	2.879	5.7	19.8
1 16	6 10.71	+10 33.8	1.955	2.871	8.7	19.9
1 26	6 3.10	+11 4.2	2.014	2.862	12.0	20.1
2 5	5 57.86	+11 40.2	2.095	2.853	14.8	20.3

110625 2001 TL_{155} 12 28.2 205°.01 0°.0/28.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 54.46	+22 40.4	1.982	2.828	12.3	20.8
12 7	6 48.22	+22 49.3	1.909	2.827	8.8	20.6
12 17	6 39.84	+22 59.4	1.861	2.826	4.8	20.3
12 27	6 30.20	+23 9.0	1.842	2.826	0.5	20.0
1 6	6 20.39	+23 16.6	1.853	2.825	3.8	20.2
1 16	6 11.54	+23 21.6	1.892	2.824	7.9	20.5
1 26	6 4.63	+23 24.6	1.958	2.823	11.5	20.7
2 5	6 0.27	+23 26.4	2.046	2.821	14.6	20.9

40702 1999 RH_{236} 12 28.2 27°.85 7°.4/30.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 52.81	+ 4 47.1	1.345	2.178	17.7	16.9
12 7	6 47.49	+ 4 51.9	1.291	2.187	14.0	16.7
12 17	6 39.59	+ 5 20.4	1.258	2.197	10.1	16.5
12 27	6 30.18	+ 6 13.2	1.249	2.208	7.6	16.3
1 6	6 20.67	+ 7 27.3	1.266	2.219	8.2	16.4
1 16	6 12.44	+ 8 56.6	1.308	2.232	11.4	16.6
1 26	6 6.65	+10 33.9	1.374	2.245	15.1	16.9
2 5	6 3.94	+12 12.3	1.461	2.258	18.4	17.1

391793 2008 RR_{73} 12 28.2 54°.77 2°.2/28.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 57.45	+18 9.8	1.307	2.165	16.7	20.6
12 7	6 50.70	+18 6.5	1.266	2.188	12.0	20.4
12 17	6 41.24	+18 10.3	1.247	2.212	6.8	20.2
12 27	6 30.36	+18 19.9	1.254	2.235	2.3	20.0
1 6	6 19.67	+18 33.4	1.288	2.260	5.2	20.2
1 16	6 10.65	+18 49.6	1.349	2.284	10.0	20.6
1 26	6 4.41	+19 7.4	1.433	2.309	14.2	20.9
2 5	6 1.45	+19 26.2	1.537	2.333	17.7	21.2

479476 2014 AJ_{6} 12 28.2 35°.92 2°.6/28.2 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 58.53	+28 45.8	1.123	1.994	17.9	21.4
12 7	6 52.11	+28 50.2	1.078	2.006	12.9	21.1
12 17	6 42.22	+28 48.4	1.054	2.020	7.3	20.9
12 27	6 30.47	+28 36.4	1.053	2.034	2.7	20.6
1 6	6 18.89	+28 13.0	1.079	2.050	5.9	20.9
1 16	6 9.36	+27 40.8	1.128	2.066	11.2	21.2
1 26	6 3.24	+27 4.5	1.200	2.082	15.9	21.6
2 5	6 1.07	+26 28.3	1.291	2.100	19.7	21.9

67230 2000 *EB* 12 28.2 231°.38 1°.1/28.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 59.24	+15 52.5	1.833	2.666	13.7	19.1
12 7	6 52.02	+17 3.0	1.746	2.656	10.0	18.9
12 17	6 42.17	+18 26.2	1.684	2.645	5.7	18.6
12 27	6 30.52	+19 57.5	1.652	2.634	1.4	18.3
1 6	6 18.29	+21 31.2	1.651	2.622	4.3	18.5
1 16	6 6.84	+23 1.6	1.681	2.610	8.9	18.7
1 26	5 57.46	+24 25.1	1.739	2.597	13.0	18.9
2 5	5 51.01	+25 40.2	1.819	2.583	16.5	19.1

451091 2009 BH_{177} 12 28.2 276°.65 7°.7/27.9 17

11 27	7 2.47	+42 51.4	1.766	2.588	14.7	21.3
12 7	6 54.69	+43 31.9	1.696	2.583	11.8	21.1
12 17	6 43.66	+43 56.0	1.650	2.578	9.1	21.0
12 27	6 30.66	+43 56.3	1.630	2.574	7.7	20.9
1 6	6 17.51	+43 29.8	1.637	2.569	8.7	20.9
1 16	6 5.99	+42 38.6	1.670	2.564	11.3	21.1
1 26	5 57.55	+41 29.5	1.727	2.559	14.3	21.2
2 5	5 52.86	+40 10.6	1.804	2.555	17.1	21.4

295534 2008 RH_{133} 12 28.2 126°.51 5°.2/29.5 18

11 27	6 51.10	+ 5 16.6	2.442	3.246	11.7	20.2
12 7	6 45.39	+ 5 13.3	2.373	3.252	9.2	20.1
12 17	6 38.16	+ 5 23.0	2.330	3.259	6.8	19.9
12 27	6 30.04	+ 5 46.3	2.315	3.266	5.2	19.8
1 6	6 21.84	+ 6 22.3	2.329	3.272	5.8	19.9
1 16	6 14.33	+ 7 9.1	2.372	3.278	7.9	20.0
1 26	6 8.23	+ 8 3.8	2.442	3.284	10.3	20.2
2 5	6 4.01	+ 9 3.2	2.536	3.290	12.6	20.4

460928 2014 WM_{230} 12 28.2 115°.93 3°.5/27.6 17

11 27	6 55.30	+33 9.0	2.394	3.228	10.9	21.5
12 7	6 48.66	+33 50.9	2.329	3.236	8.0	21.4
12 17	6 40.04	+34 26.9	2.291	3.244	5.2	21.2
12 27	6 30.25	+34 53.3	2.282	3.251	3.5	21.1
1 6	6 20.35	+35 7.7	2.303	3.259	4.9	21.2
1 16	6 11.37	+35 10.0	2.353	3.266	7.6	21.4
1 26	6 4.22	+35 2.0	2.430	3.273	10.4	21.6
2 5	5 59.48	+34 46.8	2.530	3.280	12.8	21.7

440795 2006 OK_{16} 12 28.2 60°.53 4°.4/28.2 17

11 27	7 1.49	+34 28.9	1.604	2.448	14.9	20.9
12 7	6 53.37	+34 44.9	1.566	2.476	10.9	20.7
12 17	6 42.58	+34 49.7	1.551	2.505	7.0	20.6
12 27	6 30.51	+34 39.2	1.563	2.534	4.4	20.5
1 6	6 18.79	+34 12.7	1.603	2.563	6.0	20.6
1 16	6 8.88	+33 33.2	1.671	2.592	9.5	20.9
1 26	6 1.83	+32 45.7	1.763	2.620	12.9	21.2
2 5	5 58.08	+31 55.6	1.878	2.649	15.8	21.4

239570 2008 TC_{54} 12 28.2 315°.04 3°.6/28.6 18

11 27	6 53.93	+14 57.9	1.434	2.287	15.7	20.4
12 7	6 48.50	+14 46.9	1.358	2.276	11.7	20.2
12 17	6 40.30	+14 46.0	1.304	2.264	7.2	19.9
12 27	6 30.31	+14 55.6	1.276	2.253	3.7	19.6
1 6	6 19.94	+15 14.7	1.275	2.243	5.8	19.7
1 16	6 10.67	+15 41.7	1.300	2.233	10.5	20.0
1 26	6 3.84	+16 14.3	1.348	2.223	15.0	20.2
2 5	6 0.23	+16 50.5	1.416	2.214	18.8	20.4

98871 2001 BB_{7} 12 28.2 283°.85 1°.8/28.3 18

11 27	6 55.90	+19 44.7	1.746	2.593	13.7	19.7
12 7	6 49.67	+19 19.9	1.653	2.570	10.0	19.4
12 17	6 40.87	+18 57.2	1.584	2.547	5.8	19.1
12 27	6 30.38	+18 36.6	1.542	2.523	1.9	18.8
1 6	6 19.44	+18 18.2	1.529	2.499	4.7	18.9
1 16	6 9.41	+18 2.8	1.545	2.475	9.3	19.1
1 26	6 1.51	+17 51.3	1.585	2.451	13.6	19.3
2 5	5 56.53	+17 44.3	1.647	2.427	17.3	19.5

420694 2012 KB_{35} 12 28.2 163°.99 1°.9/28.6 17

11 27	6 51.95	+16 6.4	2.505	3.337	10.5	21.9
12 7	6 46.04	+16 13.6	2.432	3.340	7.7	21.7
12 17	6 38.54	+16 26.4	2.384	3.343	4.5	21.5
12 27	6 30.10	+16 43.9	2.367	3.345	2.0	21.3
1 6	6 21.55	+17 5.2	2.380	3.347	3.5	21.4
1 16	6 13.70	+17 28.9	2.423	3.349	6.7	21.6
1 26	6 7.29	+17 54.1	2.493	3.351	9.6	21.8
2 5	6 2.81	+18 20.0	2.588	3.352	12.1	22.0

432286 2009 SV_{210} 12 28.2 135°.19 2°.6/27.9 18 R

11 27	7 1.48	+29 4.8	1.744	2.587	13.9	22.0
12 7	6 53.45	+29 35.5	1.685	2.600	10.0	21.8
12 17	6 42.77	+30 1.6	1.651	2.612	5.8	21.5
12 27	6 30.58	+30 18.6	1.645	2.624	2.7	21.4
1 6	6 18.36	+30 23.9	1.669	2.635	5.0	21.5
1 16	6 7.54	+30 18.1	1.721	2.645	9.1	21.8
1 26	5 59.29	+30 3.8	1.799	2.655	12.8	22.0
2 5	5 54.22	+29 44.7	1.898	2.664	15.9	22.3

383030 2005 NL_{123} 12 28.2 76°.27 1°.8/28.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 59.45	+18 49.5	1.409	2.260	16.1	20.8
12 7	6 52.01	+18 48.6	1.366	2.285	11.5	20.6
12 17	6 41.93	+18 53.4	1.346	2.309	6.5	20.4
12 27	6 30.49	+19 2.2	1.352	2.334	1.9	20.1
1 6	6 19.23	+19 13.5	1.387	2.358	4.9	20.4
1 16	6 9.61	+19 26.2	1.449	2.382	9.6	20.7
1 26	6 2.70	+19 40.0	1.535	2.406	13.7	21.0
2 5	5 59.02	+19 54.6	1.642	2.429	17.1	21.3

368542 2003 WO_{165} 12 28.2 46°.25 2°.3/28.4 17

11 27	6 52.48	+17 39.3	2.077	2.919	12.0	20.7
12 7	6 46.59	+17 12.8	2.012	2.926	8.7	20.5
12 17	6 38.88	+16 50.4	1.973	2.934	5.1	20.3
12 27	6 30.15	+16 32.6	1.963	2.942	2.3	20.2
1 6	6 21.40	+16 19.4	1.982	2.950	4.1	20.3
1 16	6 13.59	+16 11.1	2.030	2.958	7.6	20.5
1 26	6 7.52	+16 7.6	2.104	2.966	10.9	20.8
2 5	6 3.72	+16 8.4	2.201	2.975	13.7	21.0

494076 2016 BK_{72} 12 28.2 250°.12 0°.1/28.2 17

11 27	6 52.45	+22 57.5	2.351	3.194	10.8	22.1
12 7	6 46.59	+23 11.7	2.273	3.190	7.7	21.9
12 17	6 38.92	+23 27.0	2.221	3.186	4.2	21.6
12 27	6 30.17	+23 41.8	2.199	3.182	0.5	21.3
1 6	6 21.24	+23 54.4	2.206	3.177	3.3	21.6
1 16	6 13.07	+24 4.3	2.243	3.173	6.9	21.8
1 26	6 6.50	+24 11.6	2.308	3.169	10.1	22.0
2 5	6 2.09	+24 16.9	2.396	3.165	12.9	22.2

180658 2004 GF_{40} 12 28.2 194°.58 1°.4/28.5 18

11 27	6 53.79	+17 34.1	2.450	3.283	10.7	20.8
12 7	6 47.44	+17 49.6	2.371	3.280	7.8	20.6
12 17	6 39.35	+18 10.1	2.317	3.278	4.5	20.4
12 27	6 30.22	+18 34.3	2.294	3.274	1.5	20.2
1 6	6 20.90	+19 0.6	2.301	3.271	3.4	20.3
1 16	6 12.28	+19 27.8	2.339	3.267	6.8	20.5
1 26	6 5.16	+19 54.8	2.405	3.262	9.9	20.7
2 5	6 0.11	+20 21.3	2.495	3.257	12.6	20.9

46714 1997 HF_{7} 12 28.2 21°.50 1°.0/28.2 18 R

11 27	6 55.17	+24 10.1	1.053	1.931	18.2	17.4
12 7	6 49.92	+24 30.7	1.005	1.938	13.0	17.1
12 17	6 41.19	+24 52.9	0.978	1.947	7.1	16.8
12 27	6 30.43	+25 12.2	0.973	1.956	1.2	16.5
1 6	6 19.63	+25 25.3	0.994	1.967	5.6	16.8
1 16	6 10.70	+25 31.4	1.038	1.980	11.4	17.2
1 26	6 5.11	+25 32.2	1.104	1.993	16.4	17.5
2 5	6 3.49	+25 29.8	1.188	2.007	20.5	17.8

168718 2000 JM_{73} 12 28.2 256°.81 0°.4/28.2 18

11 27	6 55.60	+22 5.1	2.132	2.973	11.8	20.0
12 7	6 49.18	+22 45.7	2.040	2.955	8.5	19.8
12 17	6 40.52	+23 30.2	1.973	2.937	4.7	19.5
12 27	6 30.37	+24 15.5	1.936	2.919	0.6	19.2
1 6	6 19.77	+24 58.3	1.929	2.900	3.8	19.4
1 16	6 9.87	+25 36.4	1.953	2.881	7.9	19.6
1 26	6 1.73	+26 8.9	2.003	2.861	11.6	19.8
2 5	5 56.11	+26 36.3	2.076	2.841	14.7	20.0

431790 2008 PA_{11} 12 28.2 76°.16 6°.6/27.5 18

11 27	7 6.32	+37 5.2	1.544	2.379	15.8	20.5
12 7	6 57.18	+38 24.0	1.512	2.413	11.9	20.3
12 17	6 44.84	+39 28.5	1.504	2.447	8.4	20.2
12 27	6 30.83	+40 10.6	1.523	2.480	6.6	20.2
1 6	6 17.06	+40 26.8	1.570	2.513	8.0	20.3
1 16	6 5.32	+40 19.0	1.643	2.545	11.0	20.6
1 26	5 56.89	+39 53.7	1.741	2.577	14.1	20.9
2 5	5 52.28	+39 18.0	1.859	2.608	16.7	21.1

113814 2002 TG_{213} 12 28.2 25°.45 7°.4/29.2 18

11 27	6 52.46	+ 5 28.5	1.619	2.444	15.6	20.0
12 7	6 46.96	+ 4 49.1	1.558	2.448	12.4	19.8
12 17	6 39.24	+ 4 27.0	1.519	2.452	9.3	19.7
12 27	6 30.22	+ 4 25.2	1.505	2.456	7.5	19.6
1 6	6 21.08	+ 4 43.8	1.518	2.461	8.3	19.6
1 16	6 13.01	+ 5 20.8	1.557	2.467	11.0	19.8
1 26	6 7.01	+ 6 12.1	1.619	2.472	14.1	20.0
2 5	6 3.68	+ 7 12.4	1.702	2.478	17.0	20.2

458531 2011 DQ_{5} 12 28.2 70°.65 19°.4/31.2 17

11 27	7 28.29	+60 10.4	1.023	1.806	25.5	20.1
12 7	7 16.80	+61 38.9	0.989	1.818	22.9	20.0
12 17	6 56.77	+62 21.5	0.970	1.829	20.7	19.9
12 27	6 32.13	+61 57.6	0.968	1.841	19.5	19.8
1 6	6 8.95	+60 22.2	0.984	1.853	19.6	19.9
1 16	5 52.05	+57 48.9	1.019	1.865	21.0	20.0
1 26	5 43.28	+54 41.9	1.071	1.877	23.0	20.2
2 5	5 41.96	+51 23.9	1.140	1.889	25.3	20.4

169828 2002 QU_{71} 12 28.2 179°.28 1°.2/28.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 56.95	+26 18.6	2.092	2.933	11.9	21.2
12 7	6 49.96	+26 30.6	2.019	2.934	8.6	21.0
12 17	6 40.81	+26 40.7	1.972	2.935	4.8	20.7
12 27	6 30.40	+26 46.3	1.954	2.936	1.3	20.5
1 6	6 19.85	+26 46.0	1.966	2.935	3.9	20.7
1 16	6 10.30	+26 39.8	2.007	2.935	7.7	20.9
1 26	6 2.73	+26 29.1	2.076	2.934	11.2	21.1
2 5	5 57.74	+26 16.1	2.167	2.932	14.2	21.3

198502 2004 XP_{76} 12 28.2 327°.03 2°.5/28.2 18

11 27	6 53.54	+18 3.2	2.053	2.894	12.1	19.5
12 7	6 47.44	+17 16.8	1.977	2.890	8.9	19.3
12 17	6 39.40	+16 32.9	1.926	2.886	5.3	19.1
12 27	6 30.24	+15 52.7	1.904	2.882	2.6	18.9
1 6	6 20.99	+15 17.6	1.912	2.878	4.5	19.0
1 16	6 12.65	+14 48.8	1.949	2.875	8.1	19.2
1 26	6 6.10	+14 27.0	2.012	2.872	11.5	19.4
2 5	6 1.90	+14 12.2	2.098	2.868	14.4	19.6

164885 1999 VU_{79} 12 28.3 99°.96 1°.3/28.4 18

11 27	6 57.09	+19 49.9	1.817	2.661	13.4	20.6
12 7	6 50.02	+19 45.3	1.762	2.678	9.6	20.4
12 17	6 40.79	+19 44.0	1.732	2.695	5.3	20.2
12 27	6 30.40	+19 45.0	1.730	2.712	1.4	19.9
1 6	6 20.06	+19 47.3	1.758	2.729	4.1	20.2
1 16	6 10.92	+19 50.5	1.815	2.745	8.2	20.5
1 26	6 3.94	+19 54.8	1.897	2.761	11.9	20.7
2 5	5 59.63	+20 0.4	2.002	2.776	14.9	21.0

13911 Stempels 12 28.3 231°.85 0°.8/28.3 18

11 27	6 57.54	+20 51.4	1.832	2.675	13.3	18.8
12 7	6 50.70	+20 56.2	1.748	2.664	9.6	18.6
12 17	6 41.39	+21 4.1	1.689	2.653	5.4	18.3
12 27	6 30.50	+21 13.2	1.659	2.641	1.0	18.0
1 6	6 19.27	+21 22.0	1.658	2.629	4.2	18.2
1 16	6 9.00	+21 29.7	1.686	2.616	8.7	18.4
1 26	6 0.86	+21 36.7	1.739	2.603	12.8	18.6
2 5	5 55.57	+21 43.4	1.815	2.588	16.2	18.8

486391 2013 EL_{34} 12 28.3 344°.61 0°.7/28.2 17

11 27	6 53.31	+23 19.0	1.373	2.239	15.5	20.9
12 7	6 48.27	+23 46.0	1.303	2.231	11.2	20.6
12 17	6 40.27	+24 16.2	1.256	2.223	6.1	20.3
12 27	6 30.38	+24 45.9	1.233	2.216	0.9	19.9
1 6	6 20.12	+25 11.6	1.238	2.211	4.9	20.2
1 16	6 11.12	+25 31.3	1.268	2.206	10.2	20.5
1 26	6 4.77	+25 45.4	1.321	2.202	14.8	20.7
2 5	6 1.88	+25 55.0	1.394	2.199	18.7	21.0

231537 2008 SB_{163} 12 28.3 60°.32 0°.3/28.2 18

11 27	6 53.52	+23 28.3	2.073	2.920	11.8	20.3
12 7	6 47.39	+23 43.3	2.017	2.935	8.4	20.1
12 17	6 39.34	+23 59.0	1.986	2.951	4.6	19.9
12 27	6 30.25	+24 13.3	1.984	2.967	0.6	19.7
1 6	6 21.15	+24 24.5	2.011	2.983	3.5	19.9
1 16	6 13.05	+24 32.3	2.068	2.999	7.3	20.2
1 26	6 6.82	+24 37.1	2.151	3.015	10.6	20.4
2 5	6 2.95	+24 39.8	2.257	3.031	13.4	20.7

78465 2002 RK_{43} 12 28.3 20°.76 8°.1/27.6 18

11 27	7 1.01	+42 4.4	1.621	2.452	15.3	19.3
12 7	6 53.82	+42 59.5	1.562	2.454	12.3	19.2
12 17	6 43.26	+43 38.4	1.526	2.457	9.5	19.0
12 27	6 30.70	+43 53.1	1.515	2.460	8.1	18.9
1 6	6 18.01	+43 40.0	1.530	2.463	9.2	19.0
1 16	6 7.05	+43 1.3	1.571	2.467	11.8	19.2
1 26	5 59.29	+42 3.5	1.634	2.471	14.8	19.4
2 5	5 55.38	+40 55.0	1.718	2.475	17.6	19.6

209764 2005 EA_{254} 12 28.3 56°.79 3°.6/28.2 18

11 27	6 59.40	+32 1.1	1.513	2.365	15.1	20.0
12 7	6 52.19	+32 15.9	1.463	2.380	11.1	19.8
12 17	6 42.13	+32 22.2	1.436	2.396	6.7	19.6
12 27	6 30.56	+32 15.6	1.436	2.412	3.7	19.4
1 6	6 19.12	+31 54.9	1.463	2.428	5.7	19.6
1 16	6 9.35	+31 22.3	1.517	2.444	9.8	19.9
1 26	6 2.43	+30 42.2	1.595	2.461	13.6	20.2
2 5	5 58.91	+29 59.4	1.695	2.477	16.8	20.4

218112 2002 PQ_{21} 12 28.3 46°.38 1°.8/28.4 18

11 27	6 58.12	+19 18.1	1.082	1.951	18.5	19.6
12 7	6 51.58	+19 15.6	1.046	1.974	13.3	19.3
12 17	6 41.87	+19 20.2	1.031	1.997	7.4	19.1
12 27	6 30.53	+19 29.7	1.039	2.021	2.0	18.9
1 6	6 19.46	+19 42.1	1.073	2.046	5.5	19.2
1 16	6 10.37	+19 56.1	1.132	2.071	11.0	19.5
1 26	6 4.50	+20 11.1	1.213	2.097	15.6	19.9
2 5	6 2.33	+20 26.6	1.313	2.123	19.4	20.2

490895 2011 BB_{84} 12 28.3 33°.27 1°.2/28.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 52.93	+17 30.8	2.034	2.875	12.2	20.7
12 7	6 47.11	+18 4.1	1.963	2.878	8.8	20.5
12 17	6 39.29	+18 44.4	1.918	2.880	5.0	20.2
12 27	6 30.26	+19 29.4	1.901	2.883	1.4	20.0
1 6	6 21.04	+20 16.2	1.915	2.886	3.8	20.2
1 16	6 12.66	+21 2.4	1.957	2.889	7.6	20.4
1 26	6 6.07	+21 46.4	2.027	2.892	11.1	20.6
2 5	6 1.85	+22 27.2	2.119	2.895	14.1	20.8

84082 2002 QA_{18} 12 28.3 322°.45 3°.8/28.7 18

11 27	6 54.85	+14 50.6	1.286	2.144	16.9	19.2
12 7	6 49.40	+14 42.7	1.216	2.136	12.6	18.9
12 17	6 40.91	+14 46.5	1.167	2.128	7.7	18.6
12 27	6 30.48	+15 2.2	1.142	2.120	3.9	18.4
1 6	6 19.65	+15 28.1	1.144	2.113	6.2	18.5
1 16	6 10.09	+16 2.0	1.171	2.106	11.1	18.8
1 26	6 3.23	+16 41.2	1.220	2.100	15.9	19.0
2 5	5 59.89	+17 23.1	1.289	2.094	19.9	19.3

209198 2003 UO_{256} 12 28.3 357°.77 1°.1/28.1 18

11 27	6 51.97	+23 19.1	1.190	2.065	16.7	19.3
12 7	6 47.60	+24 0.6	1.128	2.060	12.0	19.1
12 17	6 40.01	+24 46.7	1.088	2.057	6.6	18.7
12 27	6 30.37	+25 32.4	1.072	2.055	1.3	18.4
1 6	6 20.39	+26 12.7	1.081	2.054	5.4	18.7
1 16	6 11.86	+26 44.5	1.114	2.055	10.9	19.0
1 26	6 6.27	+27 7.7	1.170	2.057	15.8	19.3
2 5	6 4.42	+27 23.6	1.244	2.061	19.9	19.5

120357 2005 MZ_{15} 12 28.3 211°.03 1°.0/28.2 18

11 27	6 59.82	+25 47.9	1.748	2.593	13.7	20.7
12 7	6 52.41	+25 50.8	1.671	2.588	9.9	20.4
12 17	6 42.34	+25 51.5	1.618	2.582	5.5	20.2
12 27	6 30.63	+25 47.4	1.593	2.576	1.1	19.8
1 6	6 18.68	+25 37.0	1.598	2.569	4.4	20.1
1 16	6 7.92	+25 20.8	1.631	2.561	9.0	20.3
1 26	5 59.55	+25 1.2	1.691	2.553	13.1	20.5
2 5	5 54.30	+24 40.7	1.771	2.544	16.6	20.8

376505 2012 KM_{47} 12 28.3 143°.70 8°.0/30.3 18

11 27	6 49.78	− 9 22.7	3.175	3.891	11.1	22.1
12 7	6 44.19	−10 1.3	3.115	3.902	9.8	22.1
12 17	6 37.45	−10 23.2	3.078	3.912	8.6	22.0
12 27	6 30.06	−10 26.4	3.067	3.922	8.0	22.0
1 6	6 22.64	−10 10.4	3.082	3.932	8.1	22.0
1 16	6 15.76	− 9 36.3	3.123	3.941	8.9	22.1
1 26	6 9.97	− 8 46.9	3.190	3.950	10.1	22.2
2 5	6 5.66	− 7 45.9	3.278	3.958	11.4	22.3

75459 1999 XM_{151} 12 28.3 237°.65 1°.0/28.2 18

11 27	6 57.27	+26 42.9	2.043	2.884	12.2	19.3
12 7	6 50.31	+26 37.0	1.959	2.874	8.8	19.0
12 17	6 41.09	+26 27.8	1.900	2.864	4.9	18.8
12 27	6 30.49	+26 13.5	1.871	2.853	1.1	18.5
1 6	6 19.68	+25 53.2	1.871	2.842	3.9	18.7
1 16	6 9.85	+25 27.9	1.902	2.830	8.0	18.9
1 26	6 2.04	+24 59.8	1.958	2.818	11.7	19.1
2 5	5 56.90	+24 31.3	2.038	2.806	14.8	19.3

329512 2002 RV_{200} 12 28.3 115°.84 1°.5/27.9 18

11 27	6 53.98	+27 10.0	2.627	3.464	9.9	21.2
12 7	6 47.48	+27 41.5	2.566	3.479	7.1	21.1
12 17	6 39.35	+28 11.2	2.531	3.493	4.0	20.9
12 27	6 30.28	+28 36.4	2.527	3.507	1.5	20.7
1 6	6 21.16	+28 55.5	2.554	3.521	3.4	20.9
1 16	6 12.83	+29 7.9	2.611	3.534	6.4	21.1
1 26	6 6.05	+29 14.2	2.696	3.547	9.2	21.3
2 5	6 1.32	+29 16.0	2.804	3.560	11.5	21.5

510240 2011 FD_{32} 12 28.3 243°.13 1°.6/28.1 18

11 27	6 59.28	+26 40.9	1.882	2.724	13.0	22.3
12 7	6 52.08	+27 0.9	1.792	2.708	9.5	22.1
12 17	6 42.23	+27 19.3	1.727	2.690	5.4	21.8
12 27	6 30.64	+27 32.4	1.691	2.672	1.7	21.5
1 6	6 18.61	+27 37.8	1.685	2.654	4.5	21.6
1 16	6 7.53	+27 34.9	1.707	2.634	8.9	21.9
1 26	5 58.67	+27 25.5	1.756	2.614	12.9	22.1
2 5	5 52.82	+27 12.3	1.827	2.594	16.4	22.3

335011 2004 HB_{51} 12 28.3 281°.46 2°.1/28.4 18

11 27	7 0.94	+29 56.3	1.472	2.324	15.5	20.1
12 7	6 53.62	+29 32.1	1.395	2.314	11.3	19.8
12 17	6 43.13	+28 58.7	1.341	2.305	6.5	19.5
12 27	6 30.74	+28 13.7	1.314	2.295	2.2	19.2
1 6	6 18.14	+27 17.1	1.315	2.286	5.2	19.4
1 16	6 7.08	+26 12.9	1.343	2.276	10.3	19.7
1 26	5 58.96	+25 6.6	1.396	2.267	14.9	19.9
2 5	5 54.48	+24 3.6	1.470	2.257	18.7	20.2

262406 2006 UO_{21} 12 28.3 176°.47 3°.4/27.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 57.81	+32 27.7	2.134	2.971	11.9	21.5
12 7	6 50.69	+33 0.6	2.063	2.972	8.8	21.3
12 17	6 41.29	+33 27.5	2.018	2.973	5.5	21.1
12 27	6 30.52	+33 44.1	2.001	2.974	3.5	21.0
1 6	6 19.59	+33 48.2	2.015	2.974	5.1	21.1
1 16	6 9.71	+33 39.8	2.057	2.974	8.3	21.3
1 26	6 1.92	+33 21.5	2.126	2.974	11.4	21.5
2 5	5 56.85	+32 56.8	2.217	2.973	14.2	21.7

371343 2006 KY_{49} 12 28.3 299°.63 0°.4/28.3 18

11 27	6 52.30	+21 29.2	2.137	2.983	11.6	21.0
12 7	6 46.70	+21 37.8	2.053	2.971	8.3	20.8
12 17	6 39.11	+21 48.9	1.995	2.960	4.6	20.6
12 27	6 30.28	+22 0.8	1.965	2.948	0.7	20.2
1 6	6 21.20	+22 12.3	1.965	2.937	3.6	20.4
1 16	6 12.89	+22 22.5	1.994	2.925	7.5	20.7
1 26	6 6.29	+22 31.5	2.049	2.914	11.0	20.9
2 5	6 2.03	+22 39.5	2.127	2.903	14.1	21.1

348374 2005 EP_{288} 12 28.3 265°.73 3°.6/29.1 18

11 27	6 54.51	+11 28.1	1.858	2.689	13.7	20.5
12 7	6 48.50	+11 51.5	1.773	2.677	10.3	20.2
12 17	6 40.20	+12 28.4	1.712	2.665	6.6	20.0
12 27	6 30.42	+13 17.8	1.679	2.653	3.7	19.8
1 6	6 20.24	+14 17.1	1.675	2.640	5.1	19.9
1 16	6 10.84	+15 22.9	1.700	2.628	8.9	20.1
1 26	6 3.33	+16 31.4	1.752	2.615	12.7	20.3
2 5	5 58.44	+17 39.8	1.826	2.602	16.0	20.5

386974 2012 LX_6 12 28.3 125°.57 0°.4/28.4 17

11 27	6 52.68	+20 1.4	2.423	3.261	10.6	21.1
12 7	6 46.69	+20 33.9	2.352	3.267	7.6	20.9
12 17	6 38.99	+21 10.2	2.308	3.272	4.2	20.7
12 27	6 30.27	+21 48.1	2.294	3.277	0.7	20.4
1 6	6 21.40	+22 25.4	2.310	3.281	3.2	20.6
1 16	6 13.26	+23 0.5	2.357	3.286	6.6	20.8
1 26	6 6.65	+23 32.4	2.431	3.291	9.7	21.1
2 5	6 2.11	+24 1.1	2.529	3.295	12.3	21.2

279704 2011 FS_{140} 12 28.3 208°.87 3°.4/28.8 18

11 27	6 50.56	+11 14.4	2.704	3.524	10.2	21.5
12 7	6 45.00	+11 2.4	2.624	3.520	7.7	21.3
12 17	6 38.01	+10 58.0	2.570	3.516	5.1	21.1
12 27	6 30.16	+11 1.7	2.545	3.512	3.4	21.0
1 6	6 22.18	+11 13.2	2.551	3.508	4.3	21.0
1 16	6 14.79	+11 31.7	2.586	3.503	6.8	21.2
1 26	6 8.67	+11 55.9	2.649	3.498	9.4	21.4
2 5	6 4.30	+12 24.3	2.736	3.493	11.7	21.5

388603 2007 RJ_{231} 12 28.3 123°.87 7°.8/29.7 18

11 27	6 54.36	+ 1 7.8	1.964	2.757	14.5	21.6
12 7	6 47.97	+ 0 35.0	1.905	2.769	11.8	21.4
12 17	6 39.69	+ 0 20.6	1.869	2.780	9.3	21.3
12 27	6 30.35	+ 0 27.0	1.860	2.792	7.9	21.2
1 6	6 20.96	+ 0 54.0	1.878	2.803	8.3	21.3
1 16	6 12.52	+ 1 39.3	1.923	2.813	10.3	21.4
1 26	6 5.88	+ 2 38.7	1.993	2.823	12.8	21.6
2 5	6 1.56	+ 3 47.1	2.085	2.833	15.2	21.8

157722 2006 BR_{30} 12 28.3 102°.72 0°.9/28.2 18

11 27	6 54.45	+25 16.5	2.265	3.107	11.1	20.4
12 7	6 47.99	+25 33.3	2.203	3.119	7.9	20.2
12 17	6 39.68	+25 49.2	2.168	3.132	4.4	20.0
12 27	6 30.35	+26 2.0	2.161	3.144	1.0	19.8
1 6	6 20.98	+26 10.3	2.185	3.155	3.5	20.0
1 16	6 12.54	+26 13.8	2.239	3.167	7.0	20.3
1 26	6 5.86	+26 13.2	2.320	3.179	10.2	20.5
2 5	6 1.46	+26 10.0	2.424	3.190	12.8	20.7

311647 2006 RO_{32} 12 28.3 318°.20 0°.7/28.3 18

11 27	6 54.53	+21 26.2	1.734	2.585	13.5	21.1
12 7	6 48.58	+21 24.6	1.660	2.580	9.7	20.9
12 17	6 40.23	+21 25.4	1.610	2.575	5.4	20.6
12 27	6 30.43	+21 27.2	1.588	2.571	0.9	20.3
1 6	6 20.41	+21 28.9	1.594	2.566	4.2	20.5
1 16	6 11.44	+21 30.0	1.628	2.562	8.7	20.8
1 26	6 4.63	+21 31.1	1.688	2.558	12.7	21.0
2 5	6 0.65	+21 32.8	1.768	2.554	16.1	21.2

474740 2005 NG_{71} 12 28.3 122°.22 1°.6/28.2 16

11 27	7 1.35	+27 23.9	1.731	2.574	13.9	22.3
12 7	6 53.28	+27 32.5	1.674	2.590	10.0	22.1
12 17	6 42.67	+27 37.3	1.642	2.606	5.6	21.9
12 27	6 30.70	+27 35.2	1.639	2.621	1.7	21.7
1 6	6 18.80	+27 25.0	1.666	2.635	4.5	21.9
1 16	6 8.34	+27 7.6	1.721	2.649	8.8	22.2
1 26	6 0.40	+26 45.7	1.802	2.662	12.6	22.5
2 5	5 55.56	+26 22.4	1.905	2.674	15.7	22.7

310553 2001 OY_{42} 12 28.3 70°.02 0°.1/28.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 59.04	+24 13.1	1.795	2.640	13.5	19.7
12 7	6 51.27	+24 1.9	1.755	2.672	9.5	19.5
12 17	6 41.40	+23 49.6	1.740	2.704	5.1	19.3
12 27	6 30.54	+23 35.0	1.753	2.736	0.6	19.0
1 6	6 19.96	+23 17.9	1.796	2.768	3.9	19.3
1 16	6 10.80	+22 59.3	1.868	2.799	8.0	19.7
1 26	6 3.95	+22 40.9	1.967	2.830	11.5	19.9
2 5	5 59.83	+22 24.0	2.088	2.860	14.4	20.2

3860 Plovdiv 12 28.3 106°.57 0°.9/28.2 18

11 27	6 56.83	+26 28.1	2.103	2.945	11.9	16.3
12 7	6 49.71	+26 22.5	2.043	2.959	8.5	16.1
12 17	6 40.62	+26 14.1	2.009	2.973	4.7	15.9
12 27	6 30.47	+26 1.2	2.004	2.986	1.0	15.6
1 6	6 20.37	+25 43.5	2.029	3.000	3.7	15.9
1 16	6 11.37	+25 21.9	2.084	3.013	7.4	16.1
1 26	6 4.36	+24 58.3	2.166	3.025	10.8	16.4
2 5	5 59.83	+24 34.6	2.270	3.038	13.5	16.6

37483 2125 $T\text{-}_1$ 12 28.3 211°.73 3°.4/27.8 18

11 27	6 59.07	+31 21.1	1.912	2.753	12.9	19.1
12 7	6 51.88	+31 57.9	1.837	2.749	9.5	18.8
12 17	6 42.08	+32 29.4	1.786	2.744	5.9	18.6
12 27	6 30.66	+32 50.9	1.764	2.738	3.5	18.5
1 6	6 18.96	+32 59.3	1.771	2.733	5.3	18.6
1 16	6 8.37	+32 54.3	1.806	2.726	9.0	18.8
1 26	6 0.09	+32 38.6	1.868	2.720	12.6	19.0
2 5	5 54.84	+32 16.1	1.951	2.713	15.6	19.2

152962 2000 GZ_{67} 12 28.3 221°.13 2°.2/28.5 18

11 27	6 56.95	+17 3.6	1.923	2.759	13.0	21.3
12 7	6 50.15	+16 57.5	1.839	2.751	9.6	21.0
12 17	6 41.06	+16 57.0	1.781	2.741	5.6	20.8
12 27	6 30.55	+17 1.6	1.752	2.731	2.3	20.6
1 6	6 19.74	+17 10.4	1.752	2.720	4.5	20.7
1 16	6 9.83	+17 22.7	1.781	2.709	8.5	20.9
1 26	6 1.89	+17 37.8	1.837	2.697	12.4	21.1
2 5	5 56.59	+17 55.3	1.915	2.684	15.6	21.3

223035 2002 TL_{25} 12 28.3 157°.62 4°.0/28.6 18

11 27	6 57.53	+13 35.5	1.709	2.544	14.5	20.5
12 7	6 50.55	+13 11.6	1.643	2.550	10.8	20.3
12 17	6 41.24	+12 56.6	1.601	2.555	6.8	20.1
12 27	6 30.56	+12 51.4	1.586	2.559	4.1	19.9
1 6	6 19.77	+12 55.8	1.601	2.563	5.7	20.0
1 16	6 10.12	+13 8.9	1.643	2.567	9.4	20.2
1 26	6 2.65	+13 29.2	1.711	2.570	13.2	20.5
2 5	5 58.00	+13 54.7	1.800	2.572	16.4	20.7

99001 2001 DY_{49} 12 28.3 285°.23 0°.3/28.4 18

11 27	6 53.45	+20 2.6	2.113	2.955	11.8	19.3
12 7	6 47.57	+20 43.5	2.033	2.949	8.5	19.1
12 17	6 39.63	+21 29.7	1.979	2.944	4.7	18.8
12 27	6 30.39	+22 18.4	1.955	2.938	0.6	18.5
1 6	6 20.86	+23 6.4	1.960	2.932	3.6	18.7
1 16	6 12.09	+23 51.4	1.995	2.926	7.6	19.0
1 26	6 5.06	+24 32.0	2.057	2.920	11.1	19.2
2 5	6 0.41	+25 8.0	2.142	2.914	14.1	19.4

16983 1999 AQ_{21} 12 28.3 281°.99 0°.6/28.3 18

11 27	6 56.46	+21 35.9	1.557	2.411	14.7	18.3
12 7	6 50.33	+21 38.9	1.476	2.397	10.6	18.0
12 17	6 41.39	+21 44.8	1.417	2.383	5.9	17.7
12 27	6 30.60	+21 51.6	1.386	2.369	0.9	17.3
1 6	6 19.39	+21 57.7	1.382	2.354	4.6	17.6
1 16	6 9.27	+22 2.3	1.405	2.340	9.7	17.8
1 26	6 1.58	+22 6.0	1.453	2.326	14.3	18.1
2 5	5 57.13	+22 9.6	1.522	2.311	18.1	18.3

307446 2002 UN_{43} 12 28.3 120°.30 1°.0/28.2 18

11 27	6 56.37	+25 12.3	1.929	2.774	12.6	21.1
12 7	6 49.66	+25 31.9	1.864	2.782	9.0	20.9
12 17	6 40.73	+25 50.8	1.824	2.789	5.0	20.7
12 27	6 30.51	+26 6.3	1.813	2.796	1.1	20.4
1 6	6 20.19	+26 16.3	1.832	2.803	4.0	20.6
1 16	6 10.96	+26 20.5	1.880	2.809	8.0	20.9
1 26	6 3.81	+26 19.9	1.953	2.816	11.6	21.1
2 5	5 59.35	+26 16.3	2.049	2.822	14.6	21.3

477331 2009 TW_{22} 12 28.3 98°.62 1°.4/28.5 18

11 27	7 0.20	+19 1.9	1.605	2.449	14.8	21.5
12 7	6 52.40	+19 9.3	1.558	2.473	10.6	21.3
12 17	6 42.18	+19 21.7	1.534	2.497	5.9	21.1
12 27	6 30.67	+19 37.0	1.539	2.520	1.6	20.8
1 6	6 19.28	+19 53.3	1.572	2.543	4.4	21.1
1 16	6 9.35	+20 9.5	1.634	2.565	8.9	21.4
1 26	6 1.90	+20 25.4	1.722	2.587	12.8	21.7
2 5	5 57.46	+20 41.1	1.831	2.607	16.0	22.0

252034 2000 QZ_{39} 12 28.3 106°.47 1°.3/28.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 54.74	+18 45.1	2.138	2.976	11.8	21.0
12 7	6 48.20	+18 51.7	2.078	2.992	8.5	20.9
12 17	6 39.81	+19 2.3	2.045	3.007	4.8	20.7
12 27	6 30.41	+19 15.8	2.040	3.022	1.4	20.4
1 6	6 20.98	+19 30.8	2.066	3.036	3.6	20.6
1 16	6 12.51	+19 46.5	2.121	3.050	7.3	20.9
1 26	6 5.82	+20 2.3	2.203	3.064	10.5	21.1
2 5	6 1.42	+20 18.1	2.309	3.078	13.3	21.3

13041 1990 OS_{4} 12 28.3 316°.34 1°.3/28.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 57.75	+22 51.2	1.627	2.477	14.3	16.9
12 7	6 50.92	+22 0.3	1.553	2.473	10.3	16.7
12 17	6 41.52	+21 7.2	1.503	2.468	5.8	16.4
12 27	6 30.62	+20 12.5	1.482	2.464	1.4	16.1
1 6	6 19.63	+19 18.4	1.489	2.460	4.6	16.3
1 16	6 9.91	+18 27.6	1.524	2.456	9.3	16.6
1 26	6 2.60	+17 43.0	1.584	2.452	13.6	16.8
2 5	5 58.34	+17 6.2	1.666	2.448	17.1	17.1

383435 2006 VG_{120} 12 28.3 90°.07 1°.6/28.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 0.54	+25 17.9	1.425	2.279	15.7	21.2
12 7	6 53.13	+25 53.2	1.374	2.296	11.3	21.0
12 17	6 42.78	+26 28.0	1.347	2.312	6.2	20.7
12 27	6 30.77	+26 57.5	1.347	2.329	1.7	20.5
1 6	6 18.76	+27 18.1	1.374	2.345	5.0	20.8
1 16	6 8.37	+27 29.3	1.429	2.360	9.9	21.1
1 26	6 0.85	+27 32.9	1.508	2.376	14.1	21.4
2 5	5 56.83	+27 31.6	1.607	2.391	17.5	21.6

13066 1991 PM_{13} 12 28.3 179°.50 2°.2/28.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 0.66	+28 34.0	1.934	2.772	12.9	18.6
12 7	6 52.85	+28 57.2	1.861	2.774	9.3	18.4
12 17	6 42.55	+29 16.7	1.815	2.776	5.4	18.2
12 27	6 30.75	+29 28.6	1.797	2.776	2.2	17.9
1 6	6 18.78	+29 30.6	1.809	2.776	4.6	18.1
1 16	6 7.96	+29 22.9	1.851	2.775	8.5	18.3
1 26	5 59.43	+29 7.9	1.919	2.773	12.2	18.6
2 5	5 53.85	+28 48.8	2.009	2.770	15.3	18.8

288252 2003 YB_{121} 12 28.3 24°.25 6°.7/28.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 0.31	+38 58.3	1.408	2.254	16.4	19.7
12 7	6 53.31	+39 15.8	1.354	2.261	12.6	19.5
12 17	6 42.97	+39 16.6	1.322	2.269	8.9	19.3
12 27	6 30.79	+38 54.8	1.315	2.278	6.7	19.2
1 6	6 18.74	+38 9.2	1.334	2.287	8.0	19.3
1 16	6 8.66	+37 3.8	1.379	2.297	11.4	19.5
1 26	6 1.88	+35 46.6	1.447	2.308	15.0	19.8
2 5	5 58.94	+34 25.4	1.535	2.319	18.2	20.0

349656 2008 VD_{9} 12 28.3 322°.61 1°.7/28.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 53.99	+18 3.7	1.401	2.261	15.7	20.6
12 7	6 48.76	+18 21.1	1.325	2.248	11.4	20.3
12 17	6 40.61	+18 47.6	1.271	2.236	6.6	20.0
12 27	6 30.55	+19 21.1	1.242	2.224	1.9	19.6
1 6	6 20.03	+19 58.5	1.240	2.213	5.0	19.8
1 16	6 10.62	+20 37.1	1.265	2.202	10.2	20.1
1 26	6 3.73	+21 14.9	1.313	2.192	15.0	20.3
2 5	6 0.21	+21 50.8	1.381	2.183	19.0	20.6

194000 2001 RC_{154} 12 28.3 212°.57 2°.4/28.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 51.68	+15 54.7	2.675	3.504	10.0	20.1
12 7	6 45.82	+15 28.1	2.594	3.500	7.4	19.9
12 17	6 38.48	+15 5.4	2.541	3.496	4.5	19.7
12 27	6 30.28	+14 47.2	2.517	3.492	2.4	19.6
1 6	6 21.98	+14 33.8	2.524	3.488	3.8	19.7
1 16	6 14.33	+14 25.4	2.561	3.483	6.6	19.9
1 26	6 8.01	+14 21.8	2.626	3.478	9.4	20.0
2 5	6 3.51	+14 22.5	2.714	3.473	11.8	20.2

402252 2005 MX_{27} 12 28.3 167°.88 3°.5/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 53.57	+11 25.3	2.418	3.237	11.3	22.5
12 7	6 47.26	+11 19.8	2.345	3.242	8.5	22.3
12 17	6 39.30	+11 22.9	2.298	3.245	5.6	22.1
12 27	6 30.38	+11 34.8	2.280	3.249	3.6	22.0
1 6	6 21.35	+11 54.7	2.293	3.251	4.6	22.1
1 16	6 13.05	+12 21.3	2.335	3.253	7.3	22.2
1 26	6 6.25	+12 53.1	2.405	3.255	10.2	22.4
2 5	6 1.44	+13 28.2	2.499	3.256	12.7	22.6

141687 2002 JB_{132} 12 28.3 163°.46 2°.3/28.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 1.93	+28 46.8	1.723	2.566	14.0	20.7
12 7	6 53.91	+29 1.9	1.656	2.571	10.2	20.5
12 17	6 43.17	+29 12.2	1.614	2.576	5.9	20.3
12 27	6 30.84	+29 13.8	1.601	2.581	2.3	20.0
1 6	6 18.41	+29 4.8	1.616	2.584	4.9	20.2
1 16	6 7.36	+28 46.2	1.661	2.587	9.1	20.5
1 26	5 58.90	+28 21.1	1.731	2.589	13.1	20.7
2 5	5 53.67	+27 53.3	1.822	2.591	16.3	21.0

302665 2002 SK_{17} 12 28.3 311°.45 8°.2/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 52.30	+ 3 50.2	1.683	2.500	15.5	20.4
12 7	6 46.99	+ 2 58.1	1.608	2.490	12.6	20.2
12 17	6 39.41	+ 2 23.0	1.555	2.480	9.9	20.0
12 27	6 30.42	+ 2 9.1	1.527	2.470	8.3	19.9
1 6	6 21.14	+ 2 17.9	1.525	2.460	9.0	19.9
1 16	6 12.76	+ 2 48.3	1.549	2.450	11.6	20.0
1 26	6 6.35	+ 3 36.8	1.596	2.441	14.7	20.2
2 5	6 2.59	+ 4 37.7	1.663	2.433	17.6	20.4

473419 2015 VW_{128} 12 28.3 71°.05 6°.9/29.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 53.83	+ 3 33.0	1.843	2.651	14.7	20.8
12 7	6 47.64	+ 3 20.0	1.794	2.672	11.7	20.6
12 17	6 39.54	+ 3 25.1	1.768	2.693	8.8	20.5
12 27	6 30.42	+ 3 49.4	1.768	2.715	7.0	20.4
1 6	6 21.34	+ 4 31.5	1.796	2.736	7.5	20.5
1 16	6 13.30	+ 5 28.1	1.851	2.757	9.7	20.7
1 26	6 7.16	+ 6 34.7	1.932	2.778	12.5	20.9
2 5	6 3.40	+ 7 46.5	2.035	2.799	15.0	21.1

96793 1999 RV_{110} 12 28.3 127°.30 7°.4/28.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 3.71	+42 37.9	1.822	2.642	14.4	18.4
12 7	6 55.44	+43 17.4	1.762	2.647	11.5	18.2
12 17	6 44.08	+43 40.4	1.724	2.652	8.8	18.1
12 27	6 30.95	+43 40.4	1.713	2.657	7.4	18.0
1 6	6 17.81	+43 14.7	1.730	2.662	8.3	18.1
1 16	6 6.37	+42 26.0	1.773	2.667	10.8	18.3
1 26	5 57.93	+41 20.8	1.841	2.672	13.7	18.4
2 5	5 53.11	+40 6.9	1.930	2.676	16.3	18.6

385742 2005 WX_{54} 12 28.3 77°.33 1°.5/28.3 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 0.10	+27 15.4	1.452	2.306	15.5	21.1
12 7	6 52.74	+27 13.7	1.398	2.320	11.1	20.8
12 17	6 42.53	+27 7.9	1.368	2.333	6.2	20.6
12 27	6 30.77	+26 55.2	1.365	2.347	1.7	20.3
1 6	6 19.10	+26 34.7	1.389	2.360	4.9	20.6
1 16	6 9.08	+26 8.1	1.441	2.374	9.7	20.9
1 26	6 1.90	+25 38.8	1.517	2.387	13.9	21.2
2 5	5 58.12	+25 9.8	1.613	2.401	17.3	21.5

518632 2008 GJ_{119} 12 28.3 133°.05 1°.5/28.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 53.69	+17 17.9	2.365	3.199	11.0	21.4
12 7	6 47.40	+17 35.0	2.298	3.209	8.0	21.2
12 17	6 39.40	+17 57.3	2.258	3.218	4.6	21.0
12 27	6 30.42	+18 23.5	2.247	3.227	1.6	20.8
1 6	6 21.35	+18 51.8	2.267	3.236	3.5	21.0
1 16	6 13.07	+19 20.8	2.316	3.245	6.8	21.2
1 26	6 6.36	+19 49.6	2.394	3.253	9.9	21.4
2 5	6 1.73	+20 17.5	2.496	3.261	12.5	21.6

344153 2000 SU_{56} 12 28.3 64°.47 1°.3/28.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 59.05	+25 41.2	1.440	2.296	15.5	21.0
12 7	6 51.94	+25 57.4	1.393	2.316	11.1	20.8
12 17	6 42.07	+26 12.1	1.370	2.336	6.1	20.6
12 27	6 30.72	+26 21.5	1.374	2.357	1.4	20.3
1 6	6 19.50	+26 23.8	1.406	2.377	4.8	20.6
1 16	6 9.91	+26 19.3	1.464	2.398	9.5	21.0
1 26	6 3.10	+26 10.2	1.547	2.418	13.6	21.2
2 5	5 59.60	+25 58.9	1.651	2.439	17.0	21.5

60800 2000 HJ_{12} 12 28.3 131°.61 0°.5/28.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 2.18	+23 43.7	1.577	2.423	15.0	20.3
12 7	6 54.08	+24 0.3	1.520	2.438	10.7	20.1
12 17	6 43.25	+24 17.2	1.487	2.452	5.8	19.9
12 27	6 30.87	+24 31.1	1.482	2.465	0.8	19.6
1 6	6 18.48	+24 39.7	1.507	2.478	4.5	19.9
1 16	6 7.58	+24 42.8	1.559	2.490	9.3	20.2
1 26	5 59.36	+24 42.0	1.637	2.501	13.4	20.4
2 5	5 54.43	+24 39.1	1.737	2.511	16.8	20.7

344942 2004 TA_{369} 12 28.3 48°.38 3°.0/28.6 14 C

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 55.97	+16 22.4	1.347	2.203	16.4	20.1
12 7	6 49.77	+16 12.3	1.300	2.219	11.9	19.9
12 17	6 40.91	+16 11.2	1.274	2.236	7.0	19.7
12 27	6 30.60	+16 18.6	1.274	2.253	3.1	19.5
1 6	6 20.34	+16 33.0	1.301	2.271	5.4	19.7
1 16	6 11.59	+16 52.8	1.355	2.289	10.0	20.0
1 26	6 5.47	+17 16.4	1.432	2.308	14.2	20.3
2 5	6 2.53	+17 42.1	1.529	2.326	17.7	20.6

79394 1997 GM_{18} 12 28.3 219°.16 4°.2/27.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 0.62	+31 58.9	1.648	2.493	14.4	19.8
12 7	6 53.39	+32 46.2	1.576	2.489	10.7	19.5
12 17	6 43.11	+33 27.7	1.527	2.484	6.8	19.3
12 27	6 30.88	+33 57.0	1.506	2.479	4.2	19.1
1 6	6 18.29	+34 9.9	1.513	2.473	6.2	19.2
1 16	6 7.00	+34 6.1	1.547	2.468	10.2	19.5
1 26	5 58.45	+33 49.0	1.607	2.461	14.1	19.7
2 5	5 53.40	+33 23.5	1.686	2.455	17.4	19.9

421484 2014 OW_{54} 12 28.3 192°.04 1°.9/28.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 57.04	+29 10.9	2.514	3.347	10.5	21.9
12 7	6 49.86	+29 25.7	2.435	3.345	7.6	21.7
12 17	6 40.78	+29 36.7	2.382	3.342	4.4	21.5
12 27	6 30.59	+29 41.3	2.360	3.339	1.9	21.3
1 6	6 20.25	+29 38.3	2.369	3.335	3.7	21.4
1 16	6 10.75	+29 27.7	2.409	3.331	6.9	21.6
1 26	6 2.96	+29 11.2	2.476	3.326	10.0	21.8
2 5	5 57.43	+28 51.2	2.567	3.320	12.5	22.0

30683 3211 T_{-2} 12 28.3 272°.27 0°.5/28.2 18

11 27	6 52.58	+24 3.7	2.438	3.279	10.5	18.9
12 7	6 46.79	+24 18.8	2.349	3.265	7.5	18.7
12 17	6 39.17	+24 34.4	2.287	3.251	4.1	18.4
12 27	6 30.41	+24 48.6	2.254	3.237	0.7	18.1
1 6	6 21.40	+24 59.8	2.252	3.223	3.3	18.3
1 16	6 13.06	+25 7.5	2.279	3.208	6.8	18.5
1 26	6 6.26	+25 11.9	2.334	3.194	10.1	18.7
2 5	6 1.59	+25 13.9	2.412	3.179	12.8	18.9

87172 2000 OR_4 12 28.3 30°.00 0°.4/28.3 18

11 27	6 57.89	+26 12.0	1.206	2.073	17.1	17.5
12 7	6 51.46	+25 36.8	1.156	2.084	12.3	17.2
12 17	6 41.92	+24 57.3	1.128	2.096	6.7	17.0
12 27	6 30.72	+24 12.9	1.126	2.109	0.9	16.6
1 6	6 19.69	+23 25.0	1.149	2.123	5.1	17.0
1 16	6 10.53	+22 37.0	1.198	2.137	10.5	17.3
1 26	6 4.47	+21 52.8	1.270	2.152	15.2	17.6
2 5	6 2.04	+21 14.6	1.362	2.169	19.0	17.9

92096 1999 XJ_{33} 12 28.3 5°.26 0°.9/28.3 17

11 27	6 46.12	+22 50.1	0.985	1.877	17.9	17.1
12 7	6 43.56	+22 25.0	0.938	1.878	12.8	16.8
12 17	6 37.82	+22 1.5	0.911	1.882	7.1	16.5
12 27	6 30.26	+21 39.6	0.906	1.889	1.2	16.1
1 6	6 22.67	+21 19.5	0.924	1.899	5.4	16.5
1 16	6 16.75	+21 2.2	0.965	1.913	11.1	16.8
1 26	6 13.81	+20 48.6	1.026	1.929	16.1	17.2
2 5	6 14.41	+20 38.7	1.105	1.948	20.1	17.5

244809 2003 ST_{295} 12 28.3 118°.47 1°.7/28.2 18

11 27	6 58.99	+28 19.9	1.837	2.681	13.2	20.5
12 7	6 51.59	+28 20.2	1.775	2.691	9.5	20.3
12 17	6 41.81	+28 15.9	1.738	2.701	5.4	20.1
12 27	6 30.72	+28 4.5	1.729	2.710	1.8	19.9
1 6	6 19.64	+27 45.1	1.750	2.719	4.3	20.1
1 16	6 9.86	+27 19.1	1.800	2.728	8.4	20.3
1 26	6 2.41	+26 49.1	1.875	2.737	12.1	20.6
2 5	5 57.85	+26 18.4	1.973	2.745	15.1	20.8

97396 2000 AK_{103} 12 28.3 47°.36 1°.3/28.6 18

11 27	6 53.16	+17 32.8	2.039	2.881	12.2	18.9
12 7	6 47.32	+18 3.9	1.970	2.885	8.8	18.7
12 17	6 39.49	+18 41.8	1.926	2.888	5.0	18.4
12 27	6 30.46	+19 24.3	1.910	2.892	1.4	18.2
1 6	6 21.26	+20 8.6	1.925	2.896	3.7	18.4
1 16	6 12.91	+20 52.6	1.969	2.900	7.6	18.6
1 26	6 6.33	+21 34.4	2.039	2.904	11.1	18.9
2 5	6 2.13	+22 13.3	2.132	2.909	14.0	19.1

99027 2001 DB_{95} 12 28.3 47°.83 3°.3/27.9 18

11 27	6 58.95	+28 42.9	1.319	2.180	16.3	18.7
12 7	6 52.15	+29 29.4	1.279	2.202	11.8	18.5
12 17	6 42.30	+30 11.4	1.261	2.225	6.9	18.3
12 27	6 30.79	+30 42.7	1.270	2.248	3.3	18.1
1 6	6 19.41	+30 59.8	1.304	2.272	5.9	18.3
1 16	6 9.84	+31 3.0	1.365	2.296	10.3	18.6
1 26	6 3.31	+30 55.5	1.450	2.320	14.4	18.9
2 5	6 0.38	+30 41.4	1.554	2.345	17.7	19.2

272136 2005 MA_{46} 12 28.3 166°.39 1°.9/28.4 18

11 27	6 58.82	+18 44.4	1.826	2.665	13.5	21.3
12 7	6 51.45	+18 29.2	1.757	2.670	9.8	21.1
12 17	6 41.77	+18 17.8	1.713	2.674	5.6	20.9
12 27	6 30.75	+18 9.6	1.697	2.678	2.0	20.6
1 6	6 19.63	+18 4.3	1.711	2.681	4.4	20.8
1 16	6 9.63	+18 1.9	1.754	2.683	8.6	21.1
1 26	6 1.80	+18 2.4	1.824	2.684	12.4	21.3
2 5	5 56.74	+18 6.0	1.915	2.685	15.6	21.5

446059 2013 CU_{132} 12 28.3 0°.28 4°.1/28.3 18

11 27	6 59.85	+34 11.7	1.654	2.498	14.4	21.0
12 7	6 52.63	+34 15.4	1.586	2.498	10.7	20.8
12 17	6 42.56	+34 8.3	1.542	2.498	6.8	20.5
12 27	6 30.84	+33 46.4	1.525	2.498	4.1	20.4
1 6	6 19.07	+33 8.6	1.535	2.498	5.9	20.5
1 16	6 8.80	+32 17.6	1.574	2.498	9.7	20.7
1 26	6 1.27	+31 18.6	1.637	2.499	13.5	20.9
2 5	5 57.09	+30 17.2	1.722	2.499	16.8	21.2

324108 2005 XS_{57} 12 28.3 150°.22 1°.0/28.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 53.67	+19 40.5	2.131	2.973	11.8	21.5
12 7	6 47.60	+19 44.9	2.059	2.974	8.5	21.3
12 17	6 39.62	+19 52.9	2.013	2.976	4.7	21.1
12 27	6 30.50	+20 3.1	1.996	2.978	1.2	20.8
1 6	6 21.26	+20 14.5	2.009	2.980	3.6	21.0
1 16	6 12.87	+20 26.3	2.051	2.981	7.4	21.3
1 26	6 6.23	+20 38.1	2.119	2.983	10.8	21.5
2 5	6 1.90	+20 49.9	2.211	2.984	13.7	21.7

343624 2010 GN_{156} 12 28.3 70°.49 4°.8/27.9 18

11 27	7 0.81	+34 2.1	1.567	2.413	15.0	20.0
12 7	6 53.31	+34 42.4	1.519	2.431	11.1	19.8
12 17	6 42.89	+35 12.9	1.494	2.449	7.2	19.6
12 27	6 30.87	+35 27.7	1.496	2.466	4.8	19.5
1 6	6 18.93	+35 24.4	1.526	2.484	6.5	19.7
1 16	6 8.67	+35 4.4	1.583	2.502	10.1	19.9
1 26	6 1.30	+34 32.5	1.664	2.520	13.6	20.2
2 5	5 57.39	+33 54.1	1.765	2.537	16.7	20.4

278227 2007 EX_{95} 12 28.3 89°.14 0°.8/28.2 18

11 27	6 59.78	+24 2.6	1.592	2.441	14.6	20.5
12 7	6 52.31	+24 29.8	1.544	2.463	10.4	20.3
12 17	6 42.26	+24 57.5	1.519	2.484	5.7	20.0
12 27	6 30.80	+25 21.8	1.522	2.505	1.0	19.8
1 6	6 19.42	+25 40.0	1.554	2.525	4.4	20.1
1 16	6 9.49	+25 51.5	1.614	2.545	9.0	20.4
1 26	6 2.14	+25 57.5	1.699	2.565	12.9	20.7
2 5	5 57.91	+26 0.0	1.806	2.584	16.1	20.9

188633 2005 QT_{80} 12 28.3 78°.10 3°.8/27.9 18

11 27	7 2.50	+30 8.2	1.436	2.287	15.9	20.2
12 7	6 54.56	+31 0.2	1.394	2.311	11.5	20.0
12 17	6 43.59	+31 46.1	1.375	2.336	6.9	19.8
12 27	6 30.97	+32 19.2	1.384	2.360	3.8	19.7
1 6	6 18.48	+32 36.1	1.420	2.384	6.1	19.9
1 16	6 7.80	+32 37.2	1.483	2.407	10.2	20.2
1 26	6 0.17	+32 26.3	1.570	2.431	14.1	20.5
2 5	5 56.15	+32 8.4	1.678	2.454	17.2	20.8

173204 1998 RN_{66} 12 28.3 75°.91 7°.6/28.1 18

11 27	7 4.22	+42 31.9	1.727	2.549	14.9	19.5
12 7	6 55.77	+43 19.0	1.683	2.569	11.9	19.3
12 17	6 44.23	+43 48.8	1.661	2.590	9.0	19.2
12 27	6 31.04	+43 54.4	1.666	2.610	7.6	19.1
1 6	6 18.05	+43 33.9	1.698	2.629	8.5	19.2
1 16	6 6.93	+42 50.3	1.756	2.649	11.0	19.4
1 26	5 58.95	+41 50.5	1.838	2.669	13.7	19.6
2 5	5 54.63	+40 42.2	1.941	2.688	16.2	19.9

154244 2002 KL_6 12 28.3 92°.81 1°.5/28.5 16 A

11 27	7 4.66	+18 39.0	1.983	2.807	13.2	22.0
12 7	6 54.99	+18 40.9	1.947	2.853	9.4	21.8
12 17	6 43.39	+18 46.1	1.938	2.898	5.3	21.7
12 27	6 30.94	+18 53.1	1.959	2.941	1.6	21.5
1 6	6 18.84	+19 0.8	2.013	2.982	3.9	21.8
1 16	6 8.17	+19 8.7	2.098	3.022	7.7	22.1
1 26	5 59.76	+19 17.0	2.210	3.060	11.0	22.3
2 5	5 54.02	+19 26.0	2.346	3.097	13.6	22.6

140234 2001 SD_{247} 12 28.3 200°.96 2°.0/27.9 18

11 27	6 56.31	+28 4.1	2.208	3.048	11.5	19.8
12 7	6 49.61	+28 34.0	2.131	3.045	8.3	19.6
12 17	6 40.80	+29 1.4	2.081	3.042	4.8	19.4
12 27	6 30.68	+29 23.3	2.060	3.039	2.0	19.2
1 6	6 20.35	+29 37.1	2.069	3.035	4.1	19.4
1 16	6 10.90	+29 42.5	2.107	3.031	7.6	19.6
1 26	6 3.33	+29 40.6	2.172	3.027	10.9	19.8
2 5	5 58.25	+29 33.5	2.261	3.022	13.8	20.0

218736 2005 UY_{411} 12 28.3 96°.58 0°.8/28.4 18

11 27	6 54.15	+20 14.2	2.054	2.897	12.1	21.2
12 7	6 47.97	+20 23.9	1.988	2.904	8.6	21.0
12 17	6 39.83	+20 36.9	1.948	2.912	4.8	20.8
12 27	6 30.56	+20 51.7	1.937	2.920	1.0	20.5
1 6	6 21.20	+21 6.8	1.956	2.927	3.6	20.7
1 16	6 12.78	+21 21.3	2.003	2.935	7.5	21.0
1 26	6 6.19	+21 34.8	2.078	2.942	10.9	21.2
2 5	6 1.98	+21 47.6	2.175	2.949	13.8	21.4

26579 2000 EU_{96} 12 28.3 235°.63 7°.1/27.2 18

11 27	7 0.47	+47 16.7	2.663	3.453	11.2	17.9
12 7	6 52.75	+48 5.0	2.588	3.444	9.3	17.8
12 17	6 42.58	+48 39.2	2.537	3.435	7.8	17.7
12 27	6 30.90	+48 54.1	2.513	3.426	7.1	17.6
1 6	6 18.98	+48 47.1	2.517	3.417	7.8	17.6
1 16	6 8.14	+48 18.8	2.549	3.407	9.3	17.7
1 26	5 59.50	+47 33.1	2.605	3.397	11.3	17.8
2 5	5 53.73	+46 35.5	2.683	3.387	13.2	18.0

278159 2007 DA_{34} 12 28.3 191°.17 1°.2/28.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 57.53	+19 20.9	1.984	2.822	12.7	21.9
12 7	6 50.52	+19 26.9	1.908	2.821	9.1	21.7
12 17	6 41.32	+19 37.0	1.857	2.819	5.2	21.4
12 27	6 30.77	+19 49.5	1.834	2.816	1.4	21.2
1 6	6 20.00	+20 3.1	1.843	2.813	4.0	21.3
1 16	6 10.18	+20 16.8	1.880	2.809	8.1	21.6
1 26	6 2.32	+20 30.4	1.945	2.805	11.8	21.8
2 5	5 57.06	+20 44.1	2.032	2.800	14.9	22.0

325988 2010 VU_{181} 12 28.3 258°.92 1°.2/28.1 17

11 27	6 54.72	+24 57.8	2.055	2.900	12.0	21.1
12 7	6 48.60	+25 32.3	1.979	2.897	8.6	20.9
12 17	6 40.30	+26 7.4	1.929	2.893	4.8	20.6
12 27	6 30.65	+26 40.0	1.907	2.889	1.3	20.4
1 6	6 20.75	+27 7.2	1.915	2.885	3.9	20.6
1 16	6 11.72	+27 27.7	1.952	2.881	7.8	20.8
1 26	6 4.58	+27 41.8	2.016	2.877	11.4	21.0
2 5	5 59.99	+27 50.9	2.102	2.873	14.4	21.2

396540 1986 JJ 12 28.3 275°.61 14°.7/26.1 17

11 27	7 0.59	+ 2 31.9	1.041	1.873	21.9	20.2
12 7	6 53.89	− 0 26.2	0.983	1.867	18.5	20.0
12 17	6 43.60	− 3 5.3	0.946	1.861	15.7	19.8
12 27	6 31.06	− 5 10.3	0.931	1.855	14.7	19.7
1 6	6 18.16	− 6 30.2	0.937	1.849	16.1	19.8
1 16	6 6.87	− 7 1.6	0.965	1.843	19.2	19.9
1 26	5 58.84	− 6 49.6	1.010	1.837	22.6	20.1
2 5	5 54.88	− 6 4.9	1.069	1.831	25.8	20.3

135820 2002 RN_{202} 12 28.3 203°.00 3°.7/28.1 18

11 27	6 59.70	+34 12.4	2.177	3.008	11.9	20.6
12 7	6 52.11	+34 29.0	2.100	3.005	8.9	20.4
12 17	6 42.18	+34 37.5	2.048	3.000	5.7	20.2
12 27	6 30.87	+34 33.9	2.025	2.996	3.7	20.1
1 6	6 19.41	+34 16.6	2.032	2.990	5.1	20.1
1 16	6 9.04	+33 46.7	2.069	2.985	8.3	20.3
1 26	6 0.82	+33 7.5	2.132	2.978	11.4	20.5
2 5	5 55.36	+32 23.4	2.218	2.972	14.2	20.7

373978 2003 YN_{126} 12 28.3 350°.09 6°.7/27.9 18

11 27	6 53.55	+34 1.3	0.930	1.813	19.5	19.4
12 7	6 49.84	+34 45.9	0.871	1.802	14.8	19.1
12 17	6 41.78	+35 19.3	0.831	1.792	9.8	18.8
12 27	6 30.86	+35 31.8	0.812	1.785	6.7	18.6
1 6	6 19.49	+35 18.2	0.814	1.779	9.0	18.7
1 16	6 10.18	+34 39.9	0.838	1.775	14.1	19.0
1 26	6 4.91	+33 44.5	0.881	1.773	19.2	19.2
2 5	6 4.50	+32 40.7	0.940	1.773	23.5	19.5

207092 2005 AH_{4} 12 28.3 281°.76 3°.0/27.8 18

11 27	6 57.77	+28 59.0	1.757	2.605	13.5	20.4
12 7	6 51.40	+29 40.4	1.666	2.583	10.0	20.1
12 17	6 42.14	+30 19.9	1.599	2.560	6.0	19.8
12 27	6 30.91	+30 52.5	1.560	2.537	3.0	19.6
1 6	6 19.07	+31 13.9	1.549	2.514	5.4	19.7
1 16	6 8.15	+31 22.5	1.566	2.491	9.7	19.9
1 26	5 59.57	+31 20.0	1.608	2.468	13.8	20.1
2 5	5 54.24	+31 9.8	1.671	2.444	17.4	20.3

435440 2008 CN_{195} 12 28.3 285°.13 2°.8/28.7 18

11 27	6 56.55	+16 13.6	1.378	2.231	16.2	21.3
12 7	6 50.65	+16 17.9	1.302	2.221	12.0	21.0
12 17	6 41.74	+16 32.4	1.249	2.211	7.1	20.7
12 27	6 30.86	+16 56.2	1.221	2.200	3.0	20.4
1 6	6 19.52	+17 27.0	1.220	2.190	5.5	20.6
1 16	6 9.34	+18 2.2	1.245	2.180	10.6	20.8
1 26	6 1.78	+18 39.8	1.294	2.170	15.4	21.1
2 5	5 57.67	+19 18.1	1.362	2.160	19.4	21.3

302970 2003 UL_{302} 12 28.3 152°.71 0°.9/28.4 18

11 27	6 57.11	+20 33.1	2.201	3.036	11.7	22.0
12 7	6 49.94	+20 27.8	2.133	3.046	8.4	21.8
12 17	6 40.87	+20 24.5	2.092	3.054	4.7	21.6
12 27	6 30.73	+20 22.1	2.080	3.062	1.1	21.4
1 6	6 20.54	+20 20.1	2.099	3.069	3.6	21.6
1 16	6 11.29	+20 18.2	2.148	3.076	7.3	21.8
1 26	6 3.86	+20 16.9	2.224	3.082	10.6	22.1
2 5	5 58.77	+20 16.7	2.324	3.087	13.4	22.3

179069 2001 SQ_{117} 12 28.3 57°.54 3°.1/28.2 17

11 27	6 57.88	+31 49.3	1.830	2.675	13.3	20.4
12 7	6 51.00	+31 59.3	1.764	2.678	9.7	20.2
12 17	6 41.63	+32 2.1	1.722	2.681	5.9	20.0
12 27	6 30.82	+31 54.1	1.707	2.684	3.2	19.8
1 6	6 19.95	+31 34.1	1.722	2.687	5.1	19.9
1 16	6 10.35	+31 3.4	1.765	2.690	8.8	20.2
1 26	6 3.12	+30 25.5	1.833	2.693	12.4	20.4
2 5	5 58.86	+29 44.5	1.923	2.696	15.4	20.6

347876 2002 TF_{26} 12 28.3 49°.65 2°.1/28.0 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 54.24	+28 19.6	2.065	2.911	11.9	20.3
12 7	6 48.12	+28 48.7	2.007	2.924	8.5	20.1
12 17	6 39.95	+29 14.9	1.974	2.936	4.9	19.9
12 27	6 30.62	+29 35.0	1.970	2.949	2.1	19.8
1 6	6 21.24	+29 46.9	1.995	2.962	4.2	19.9
1 16	6 12.89	+29 50.4	2.048	2.975	7.7	20.2
1 26	6 6.48	+29 46.8	2.128	2.988	10.9	20.4
2 5	6 2.58	+29 38.4	2.231	3.002	13.6	20.6

67132 2000 AD_{145} 12 28.3 25°.28 1°.4/28.3 18

11 27	6 54.32	+20 52.7	1.891	2.738	12.8	18.5
12 7	6 48.21	+20 21.8	1.824	2.741	9.2	18.3
12 17	6 40.01	+19 52.1	1.781	2.745	5.2	18.1
12 27	6 30.64	+19 24.0	1.767	2.749	1.5	17.8
1 6	6 21.22	+18 57.9	1.782	2.753	4.1	18.0
1 16	6 12.85	+18 34.8	1.826	2.758	8.1	18.3
1 26	6 6.47	+18 15.7	1.896	2.762	11.7	18.5
2 5	6 2.62	+18 1.0	1.988	2.767	14.8	18.7

259957 2004 ES_{82} 12 28.3 270°.98 6°.7/28.9 17

11 27	6 52.95	+ 5 44.6	1.943	2.757	13.8	21.1
12 7	6 47.29	+ 5 3.0	1.862	2.746	11.0	20.9
12 17	6 39.59	+ 4 35.1	1.804	2.734	8.3	20.7
12 27	6 30.61	+ 4 23.7	1.774	2.722	6.8	20.6
1 6	6 21.37	+ 4 30.0	1.771	2.711	7.5	20.6
1 16	6 12.90	+ 4 53.1	1.795	2.699	10.1	20.8
1 26	6 6.17	+ 5 30.4	1.844	2.687	13.1	20.9
2 5	6 1.83	+ 6 18.0	1.914	2.675	15.9	21.1

462503 2008 WJ_{25} 12 28.3 97°.01 6°.2/26.5 17

11 27	7 0.44	+41 13.4	2.528	3.339	11.1	20.6
12 7	6 52.67	+42 42.2	2.477	3.357	8.8	20.5
12 17	6 42.55	+44 0.2	2.453	3.374	6.9	20.4
12 27	6 30.96	+45 1.2	2.459	3.392	6.2	20.4
1 6	6 19.11	+45 41.7	2.493	3.409	7.1	20.5
1 16	6 8.24	+46 1.3	2.556	3.426	8.9	20.6
1 26	5 59.45	+46 2.8	2.645	3.442	11.0	20.8
2 5	5 53.41	+45 51.0	2.755	3.459	12.8	21.0

314744 2006 SZ_{159} 12 28.3 58°.49 1°.2/28.2 17

11 27	6 57.02	+25 6.6	1.629	2.482	14.2	21.1
12 7	6 50.36	+25 31.6	1.581	2.502	10.1	20.9
12 17	6 41.25	+25 55.9	1.556	2.522	5.5	20.7
12 27	6 30.80	+26 16.2	1.559	2.542	1.3	20.5
1 6	6 20.40	+26 30.1	1.591	2.562	4.4	20.7
1 16	6 11.37	+26 37.1	1.650	2.583	8.7	21.0
1 26	6 4.78	+26 38.7	1.735	2.603	12.5	21.3
2 5	6 1.15	+26 36.7	1.841	2.624	15.7	21.6

489149 2006 DZ_{173} 12 28.3 274°.09 2°.7/28.7 18

11 27	6 52.07	+14 46.8	2.253	3.087	11.5	22.2
12 7	6 46.50	+14 43.7	2.167	3.074	8.5	22.0
12 17	6 39.10	+14 47.5	2.106	3.062	5.2	21.8
12 27	6 30.56	+14 58.1	2.073	3.049	2.7	21.6
1 6	6 21.77	+15 14.8	2.071	3.037	4.2	21.7
1 16	6 13.66	+15 36.4	2.098	3.024	7.5	21.9
1 26	6 7.09	+16 1.9	2.151	3.012	10.8	22.0
2 5	6 2.65	+16 29.8	2.228	2.999	13.6	22.2

441255 2007 VG_{280} 12 28.3 88°.30 1°.2/28.4 15

11 27	6 57.88	+20 10.4	1.811	2.653	13.5	22.3
12 7	6 50.64	+20 4.4	1.761	2.676	9.6	22.1
12 17	6 41.28	+20 1.3	1.736	2.699	5.3	21.9
12 27	6 30.82	+20 0.2	1.740	2.722	1.3	21.7
1 6	6 20.46	+20 0.1	1.773	2.744	4.0	21.9
1 16	6 11.36	+20 0.8	1.835	2.766	8.1	22.2
1 26	6 4.44	+20 2.6	1.924	2.787	11.7	22.5
2 5	6 0.18	+20 5.7	2.034	2.808	14.7	22.7

445742 2011 VG_{13} 12 28.3 97°.91 0°.3/28.3 17

11 27	6 55.95	+23 10.3	1.801	2.650	13.2	21.3
12 7	6 49.60	+23 27.8	1.734	2.653	9.5	21.0
12 17	6 40.89	+23 46.7	1.691	2.656	5.2	20.8
12 27	6 30.79	+24 4.4	1.677	2.660	0.7	20.5
1 6	6 20.53	+24 18.9	1.691	2.663	4.0	20.7
1 16	6 11.35	+24 29.3	1.734	2.666	8.4	21.0
1 26	6 4.33	+24 36.0	1.802	2.669	12.2	21.2
2 5	6 0.09	+24 40.3	1.893	2.672	15.4	21.5

514360 2016 QP_{24} 12 28.3 91°.27 2°.7/28.5 18

11 27	6 59.62	+18 6.8	1.407	2.258	16.1	21.1
12 7	6 52.37	+17 39.7	1.355	2.273	11.7	20.9
12 17	6 42.41	+17 18.2	1.325	2.288	6.8	20.6
12 27	6 30.96	+17 2.5	1.323	2.302	2.8	20.4
1 6	6 19.59	+16 52.5	1.347	2.317	5.3	20.6
1 16	6 9.76	+16 48.3	1.399	2.331	10.0	20.9
1 26	6 2.63	+16 49.8	1.475	2.345	14.2	21.2
2 5	5 58.76	+16 56.1	1.571	2.359	17.7	21.5

443426 2014 HJ_{111} 12 28.3 50°.76 1°.7/28.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 55.76	+17 30.6	1.479	2.332	15.4	21.0
12 7	6 49.66	+17 53.5	1.425	2.345	11.1	20.8
12 17	6 40.97	+18 24.7	1.394	2.358	6.3	20.6
12 27	6 30.80	+19 1.7	1.389	2.371	1.9	20.3
1 6	6 20.56	+19 41.3	1.413	2.385	4.7	20.5
1 16	6 11.63	+20 20.8	1.463	2.399	9.3	20.8
1 26	6 5.15	+20 58.4	1.538	2.413	13.5	21.1
2 5	6 1.74	+21 33.4	1.634	2.427	16.9	21.4

103543 2000 BJ_{20} 12 28.3 352°.12 2°.7/28.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 59.35	+29 32.1	1.354	2.213	16.1	19.5
12 7	6 52.74	+29 37.9	1.289	2.211	11.8	19.2
12 17	6 42.87	+29 37.3	1.246	2.210	6.9	18.9
12 27	6 31.05	+29 26.1	1.229	2.209	2.8	18.7
1 6	6 19.05	+29 2.6	1.238	2.208	5.6	18.8
1 16	6 8.67	+28 28.8	1.274	2.208	10.6	19.1
1 26	6 1.35	+27 49.1	1.333	2.208	15.2	19.4
2 5	5 57.76	+27 8.2	1.412	2.208	19.0	19.6

143760 2003 WX_{11} 12 28.3 39°.65 5°.0/28.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 0.88	+32 47.4	1.109	1.975	18.4	19.4
12 7	6 54.18	+33 14.7	1.063	1.987	13.6	19.2
12 17	6 43.71	+33 31.0	1.039	1.999	8.5	19.0
12 27	6 31.14	+33 29.7	1.038	2.013	5.0	18.8
1 6	6 18.69	+33 8.5	1.061	2.027	7.3	19.0
1 16	6 8.46	+32 30.4	1.110	2.042	12.0	19.3
1 26	6 1.92	+31 42.2	1.180	2.057	16.5	19.6
2 5	5 59.61	+30 50.7	1.268	2.073	20.2	19.9

33429 1999 DL_{4} 12 28.3 280°.80 4°.7/27.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 56.13	+37 31.4	2.377	3.205	11.2	18.3
12 7	6 49.55	+38 3.8	2.303	3.201	8.6	18.1
12 17	6 40.82	+38 27.1	2.254	3.196	6.0	18.0
12 27	6 30.80	+38 37.4	2.233	3.192	4.7	17.9
1 6	6 20.61	+38 32.5	2.242	3.188	5.7	17.9
1 16	6 11.38	+38 12.9	2.279	3.184	8.2	18.1
1 26	6 4.10	+37 41.5	2.342	3.180	10.9	18.2
2 5	5 59.38	+37 2.2	2.428	3.175	13.3	18.4

256857 2008 CX_{198} 12 28.3 244°.71 1°.1/28.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 54.69	+19 54.7	1.888	2.734	12.9	20.8
12 7	6 48.60	+19 58.6	1.816	2.733	9.3	20.6
12 17	6 40.33	+20 6.4	1.769	2.733	5.2	20.4
12 27	6 30.75	+20 16.7	1.750	2.732	1.3	20.1
1 6	6 20.98	+20 28.0	1.760	2.731	4.0	20.3
1 16	6 12.18	+20 39.6	1.798	2.731	8.1	20.5
1 26	6 5.36	+20 51.1	1.863	2.730	11.9	20.8
2 5	6 1.13	+21 2.7	1.950	2.729	15.0	21.0

383465 2006 YZ_{18} 12 28.3 341°.19 2°.4/28.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 55.34	+26 21.8	1.163	2.036	17.2	20.3
12 7	6 50.36	+26 57.8	1.096	2.027	12.5	20.0
12 17	6 41.83	+27 34.3	1.051	2.018	7.1	19.7
12 27	6 30.95	+28 5.3	1.029	2.010	2.5	19.3
1 6	6 19.61	+28 26.0	1.032	2.004	6.0	19.5
1 16	6 9.78	+28 35.0	1.059	1.998	11.6	19.8
1 26	6 3.17	+28 34.0	1.109	1.993	16.7	20.1
2 5	6 0.65	+28 26.6	1.176	1.990	20.9	20.4

293928 2007 TF_{2} 12 28.3 87°.41 2°.0/28.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 56.26	+17 57.9	1.730	2.575	13.9	20.7
12 7	6 49.69	+17 51.6	1.672	2.588	10.0	20.5
12 17	6 40.87	+17 50.8	1.639	2.601	5.8	20.3
12 27	6 30.81	+17 54.7	1.633	2.613	2.1	20.1
1 6	6 20.72	+18 2.2	1.656	2.626	4.4	20.3
1 16	6 11.81	+18 12.7	1.707	2.639	8.6	20.6
1 26	6 5.07	+18 25.5	1.784	2.651	12.3	20.8
2 5	6 1.05	+18 40.0	1.883	2.663	15.5	21.1

44003 1997 SZ_{2} 12 28.3 0°.23 0°.5/28.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 52.73	+24 22.3	1.800	2.654	13.0	18.0
12 7	6 47.33	+24 29.2	1.731	2.653	9.3	17.7
12 17	6 39.67	+24 36.2	1.686	2.652	5.1	17.5
12 27	6 30.67	+24 41.1	1.669	2.652	0.8	17.2
1 6	6 21.51	+24 42.6	1.680	2.652	4.0	17.4
1 16	6 13.39	+24 40.5	1.719	2.653	8.3	17.7
1 26	6 7.34	+24 35.6	1.783	2.655	12.1	17.9
2 5	6 3.97	+24 29.3	1.869	2.657	15.3	18.1

454878 2015 TU_{68} 12 28.3 359°.31 3°.4/28.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 52.40	+17 33.4	1.388	2.249	15.7	20.3
12 7	6 47.45	+16 48.7	1.323	2.246	11.5	20.1
12 17	6 39.85	+16 9.5	1.281	2.244	6.9	19.8
12 27	6 30.70	+15 37.4	1.265	2.243	3.4	19.6
1 6	6 21.40	+15 13.8	1.274	2.243	5.7	19.7
1 16	6 13.36	+14 59.4	1.310	2.244	10.3	20.0
1 26	6 7.77	+14 54.2	1.368	2.247	14.6	20.3
2 5	6 5.27	+14 56.7	1.446	2.250	18.2	20.5

301227 2009 BL_{13} 12 28.3 12°.65 5°.1/29.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 53.72	+ 9 50.7	1.493	2.334	15.9	19.9
12 7	6 48.25	+ 9 54.0	1.429	2.335	12.1	19.6
12 17	6 40.27	+10 13.6	1.386	2.337	8.1	19.4
12 27	6 30.76	+10 49.7	1.370	2.339	5.3	19.3
1 6	6 21.03	+11 40.1	1.380	2.342	6.5	19.3
1 16	6 12.41	+12 40.9	1.416	2.345	10.2	19.6
1 26	6 6.07	+13 47.7	1.477	2.348	14.1	19.8
2 5	6 2.68	+14 56.2	1.559	2.352	17.6	20.0

10220 Pigott 12 28.3 294°.78 6°.5/27.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 0.39	+39 49.3	1.798	2.629	14.1	18.5
12 7	6 53.31	+40 22.4	1.720	2.616	11.1	18.3
12 17	6 43.17	+40 42.2	1.665	2.604	8.1	18.1
12 27	6 31.11	+40 42.2	1.637	2.592	6.5	17.9
1 6	6 18.75	+40 19.2	1.635	2.579	7.7	18.0
1 16	6 7.77	+39 34.8	1.661	2.567	10.7	18.1
1 26	5 59.56	+38 34.4	1.711	2.555	13.9	18.3
2 5	5 54.87	+37 25.1	1.783	2.543	16.9	18.5

494480 2016 WV_{24} 12 28.3 168°.30 11°.5/26.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 14.75	+54 2.8	1.985	2.749	15.4	21.4
12 7	7 4.39	+55 38.3	1.931	2.754	13.5	21.3
12 17	6 49.59	+56 50.8	1.900	2.758	12.1	21.2
12 27	6 31.90	+57 29.3	1.892	2.762	11.5	21.2
1 6	6 13.79	+57 28.8	1.910	2.764	12.2	21.2
1 16	5 57.86	+56 51.4	1.951	2.766	13.6	21.3
1 26	5 46.06	+55 45.7	2.015	2.768	15.4	21.5
2 5	5 39.20	+54 22.8	2.097	2.768	17.2	21.6

368302 2002 OL_{35} 12 28.3 239°.58 3°.4/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 51.69	+11 58.4	2.305	3.132	11.5	20.9
12 7	6 46.13	+11 55.1	2.229	3.130	8.6	20.7
12 17	6 38.87	+12 0.7	2.177	3.127	5.6	20.5
12 27	6 30.60	+12 15.3	2.154	3.125	3.5	20.4
1 6	6 22.15	+12 38.0	2.161	3.122	4.6	20.4
1 16	6 14.41	+13 7.5	2.197	3.119	7.5	20.6
1 26	6 8.16	+13 42.1	2.260	3.117	10.5	20.8
2 5	6 3.94	+14 19.7	2.346	3.114	13.1	21.0

279087 2008 WQ_{110} 12 28.3 122°.98 0°.2/28.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 52.93	+23 33.5	2.633	3.471	9.9	21.7
12 7	6 46.82	+23 43.5	2.567	3.481	7.0	21.6
12 17	6 39.16	+23 53.8	2.527	3.491	3.8	21.4
12 27	6 30.62	+24 2.7	2.517	3.500	0.5	21.1
1 6	6 22.03	+24 9.4	2.538	3.509	3.0	21.4
1 16	6 14.18	+24 13.4	2.590	3.518	6.2	21.6
1 26	6 7.80	+24 15.1	2.669	3.527	9.0	21.8
2 5	6 3.35	+24 15.3	2.772	3.536	11.4	22.0

287201 2002 SW_{27} 12 28.3 139°.35 5°.5/29.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 50.76	+ 2 25.6	2.915	3.699	10.5	21.4
12 7	6 45.08	+ 2 1.4	2.850	3.710	8.5	21.3
12 17	6 38.14	+ 1 49.1	2.810	3.721	6.6	21.2
12 27	6 30.51	+ 1 50.0	2.799	3.731	5.6	21.1
1 6	6 22.83	+ 2 4.2	2.817	3.741	5.9	21.2
1 16	6 15.74	+ 2 30.5	2.864	3.750	7.5	21.3
1 26	6 9.83	+ 3 6.8	2.937	3.759	9.4	21.4
2 5	6 5.50	+ 3 50.5	3.035	3.768	11.2	21.6

113927 2002 TT_{288} 12 28.3 67°.35 1°.6/28.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 0.15	+21 1.9	1.321	2.177	16.6	18.6
12 7	6 52.81	+20 31.6	1.275	2.197	11.9	18.4
12 17	6 42.66	+20 3.7	1.252	2.217	6.6	18.1
12 27	6 31.04	+19 38.3	1.255	2.237	1.8	17.9
1 6	6 19.64	+19 15.5	1.285	2.256	5.1	18.1
1 16	6 9.97	+18 56.6	1.342	2.276	10.0	18.5
1 26	6 3.19	+18 42.6	1.422	2.296	14.4	18.8
2 5	5 59.79	+18 33.8	1.523	2.316	17.9	19.1

378014 2006 SP_{149} 12 28.3 32°.92 5°.4/28.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 56.12	+13 13.6	1.200	2.057	17.9	20.6
12 7	6 50.29	+12 30.7	1.146	2.063	13.5	20.3
12 17	6 41.47	+12 0.4	1.113	2.070	8.7	20.1
12 27	6 30.93	+11 45.0	1.105	2.077	5.5	20.0
1 6	6 20.32	+11 44.9	1.121	2.085	7.3	20.1
1 16	6 11.25	+11 59.1	1.162	2.093	11.7	20.3
1 26	6 5.01	+12 24.7	1.226	2.102	16.1	20.6
2 5	6 2.24	+12 58.0	1.308	2.111	19.8	20.9

400867 2010 ON_{27} 12 28.3 46°.44 2°.0/28.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 54.22	+18 11.2	1.809	2.655	13.3	21.0
12 7	6 48.25	+18 0.5	1.744	2.660	9.6	20.8
12 17	6 40.13	+17 54.7	1.704	2.666	5.6	20.5
12 27	6 30.77	+17 53.4	1.692	2.672	2.1	20.3
1 6	6 21.32	+17 56.0	1.708	2.678	4.3	20.5
1 16	6 12.91	+18 1.8	1.752	2.684	8.3	20.7
1 26	6 6.52	+18 10.5	1.822	2.690	12.0	21.0
2 5	6 2.72	+18 21.6	1.914	2.697	15.2	21.2

328465 2008 VO_{20} 12 28.3 145°.05 2°.4/27.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 54.74	+31 14.9	3.088	3.915	8.9	21.2
12 7	6 48.06	+31 55.5	3.021	3.926	6.5	21.1
12 17	6 39.84	+32 32.3	2.982	3.937	4.0	20.9
12 27	6 30.74	+33 2.5	2.975	3.947	2.4	20.8
1 6	6 21.52	+33 24.3	2.998	3.957	3.7	20.9
1 16	6 12.96	+33 37.0	3.053	3.966	6.0	21.1
1 26	6 5.79	+33 41.8	3.136	3.975	8.4	21.3
2 5	6 0.48	+33 40.2	3.243	3.983	10.4	21.4

384279 2009 QR_{10} 12 28.3 165°.16 0°.7/28.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 0.97	+25 5.5	1.735	2.579	13.9	21.1
12 7	6 53.24	+25 7.6	1.667	2.584	10.0	20.9
12 17	6 42.93	+25 8.1	1.624	2.588	5.5	20.7
12 27	6 31.12	+25 4.5	1.609	2.592	0.9	20.3
1 6	6 19.19	+24 55.5	1.624	2.595	4.3	20.6
1 16	6 8.54	+24 41.7	1.667	2.598	8.8	20.9
1 26	6 0.33	+24 25.1	1.737	2.599	12.8	21.1
2 5	5 55.20	+24 8.2	1.828	2.600	16.2	21.4

295655 2008 TJ_{7} 12 28.3 351°.80 4°.2/28.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 54.73	+14 20.4	1.402	2.254	16.1	20.1
12 7	6 49.14	+13 54.3	1.336	2.252	12.0	19.8
12 17	6 40.84	+13 38.3	1.292	2.250	7.6	19.6
12 27	6 30.87	+13 33.6	1.273	2.248	4.3	19.4
1 6	6 20.69	+13 40.0	1.281	2.247	6.2	19.5
1 16	6 11.73	+13 56.5	1.314	2.246	10.5	19.7
1 26	6 5.24	+14 21.0	1.371	2.246	14.8	20.0
2 5	6 1.93	+14 51.1	1.448	2.246	18.5	20.2

409049 2003 SP_{69} 12 28.3 90°.54 0°.4/28.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 54.86	+24 2.1	2.312	3.152	11.0	21.8
12 7	6 48.29	+24 10.8	2.256	3.171	7.8	21.6
12 17	6 39.99	+24 19.2	2.227	3.191	4.3	21.4
12 27	6 30.75	+24 25.6	2.227	3.210	0.6	21.2
1 6	6 21.55	+24 29.0	2.258	3.229	3.3	21.4
1 16	6 13.28	+24 29.3	2.318	3.248	6.7	21.7
1 26	6 6.74	+24 27.1	2.406	3.266	9.8	21.9
2 5	6 2.39	+24 23.5	2.518	3.284	12.4	22.1

285163 1995 WK_{16} 12 28.3 309°.70 6°.5/27.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 58.02	+38 25.5	1.891	2.725	13.3	20.1
12 7	6 51.61	+39 33.7	1.816	2.715	10.4	19.9
12 17	6 42.29	+40 32.5	1.766	2.705	7.7	19.7
12 27	6 31.06	+41 14.7	1.742	2.695	6.5	19.7
1 6	6 19.38	+41 35.4	1.746	2.685	7.7	19.7
1 16	6 8.82	+41 34.2	1.777	2.676	10.5	19.9
1 26	6 0.77	+41 14.4	1.832	2.666	13.6	20.0
2 5	5 56.04	+40 41.7	1.907	2.657	16.3	20.2

165818 2001 RE_{102} 12 28.3 157°.03 1°.8/28.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 51.57	+16 40.6	2.700	3.531	9.9	20.9
12 7	6 45.83	+16 40.1	2.627	3.535	7.2	20.8
12 17	6 38.64	+16 44.1	2.580	3.538	4.2	20.6
12 27	6 30.60	+16 52.2	2.563	3.542	1.8	20.4
1 6	6 22.47	+17 3.5	2.577	3.545	3.3	20.5
1 16	6 14.98	+17 17.4	2.621	3.548	6.2	20.7
1 26	6 8.82	+17 33.2	2.694	3.551	9.0	20.9
2 5	6 4.45	+17 50.4	2.790	3.553	11.4	21.1

247750 2003 OW_{21} 12 28.3 17°.46 17°.5/ 3.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 48.81	−17 44.1	1.452	2.177	21.7	18.2
12 7	6 44.63	−19 13.2	1.421	2.191	20.0	18.1
12 17	6 38.20	−20 2.0	1.404	2.207	18.6	18.0
12 27	6 30.55	−20 4.2	1.405	2.225	17.7	18.0
1 6	6 22.90	−19 19.0	1.424	2.244	17.5	18.0
1 16	6 16.46	−17 51.0	1.461	2.265	18.0	18.1
1 26	6 12.19	−15 49.5	1.517	2.287	19.0	18.3
2 5	6 10.61	−13 26.2	1.589	2.310	20.2	18.4

248410 2005 SM_{152} 12 28.3 16°.14 7°.5/29.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 52.04	+ 9 9.4	1.053	1.915	19.5	19.7
12 7	6 47.60	+ 8 32.0	1.005	1.920	15.1	19.5
12 17	6 40.09	+ 8 15.2	0.976	1.928	10.5	19.2
12 27	6 30.79	+ 8 22.0	0.970	1.936	7.6	19.1
1 6	6 21.40	+ 8 51.7	0.986	1.946	8.8	19.2
1 16	6 13.59	+ 9 40.4	1.026	1.958	12.7	19.5
1 26	6 8.68	+10 41.9	1.086	1.971	17.0	19.8
2 5	6 7.31	+11 49.6	1.165	1.985	20.7	20.0

208881 2002 TC_{71} 12 28.3 101°.26 5°.5/28.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 3.60	+39 10.3	2.100	2.919	12.8	20.7
12 7	6 54.83	+39 45.4	2.053	2.944	9.8	20.5
12 17	6 43.64	+40 7.8	2.032	2.969	7.0	20.4
12 27	6 31.19	+40 12.6	2.039	2.993	5.5	20.4
1 6	6 18.92	+39 58.3	2.075	3.017	6.5	20.5
1 16	6 8.14	+39 26.9	2.141	3.040	8.9	20.7
1 26	5 59.87	+38 43.2	2.232	3.063	11.6	20.9
2 5	5 54.64	+37 52.7	2.345	3.085	13.9	21.1

228961 2003 UM_{125} 12 28.3 23°.35 3°.4/27.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 55.03	+29 43.1	1.879	2.727	12.8	19.4
12 7	6 49.09	+30 46.6	1.816	2.733	9.3	19.2
12 17	6 40.72	+31 47.4	1.779	2.738	5.7	19.0
12 27	6 30.87	+32 40.1	1.769	2.744	3.4	18.9
1 6	6 20.79	+33 20.4	1.789	2.751	5.3	19.0
1 16	6 11.75	+33 46.9	1.836	2.758	8.8	19.2
1 26	6 4.88	+34 0.7	1.909	2.765	12.2	19.4
2 5	6 0.85	+34 4.7	2.004	2.772	15.0	19.7

46178 2001 FA_{98} 12 28.3 178°.65 2°.7/29.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 52.32	+13 4.3	2.413	3.239	11.1	18.9
12 7	6 46.54	+13 17.8	2.337	3.240	8.2	18.7
12 17	6 39.11	+13 39.8	2.287	3.240	5.1	18.5
12 27	6 30.68	+14 9.4	2.266	3.240	2.8	18.3
1 6	6 22.08	+14 45.1	2.275	3.240	4.0	18.4
1 16	6 14.16	+15 25.1	2.315	3.240	7.0	18.6
1 26	6 7.70	+16 7.6	2.382	3.240	10.0	18.8
2 5	6 3.21	+16 50.9	2.473	3.239	12.6	19.0

107928 2001 FM_{105} 12 28.3 14°.92 8°.6/30.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 49.09	+ 6 30.9	0.966	1.831	20.6	18.0
12 7	6 45.57	+ 6 3.9	0.926	1.840	16.2	17.7
12 17	6 38.99	+ 6 3.6	0.904	1.852	11.7	17.5
12 27	6 30.66	+ 6 32.7	0.902	1.865	8.8	17.4
1 6	6 22.32	+ 7 28.6	0.923	1.881	9.6	17.5
1 16	6 15.60	+ 8 44.7	0.966	1.899	13.1	17.8
1 26	6 11.79	+10 12.5	1.029	1.919	17.2	18.1
2 5	6 11.49	+11 43.3	1.111	1.941	20.8	18.4

97626 2000 ED_{124} 12 28.3 169°.58 0°.3/28.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 52.59	+21 38.7	2.787	3.621	9.5	20.2
12 7	6 46.56	+21 45.0	2.712	3.624	6.8	20.1
12 17	6 39.04	+21 52.6	2.664	3.627	3.7	19.9
12 27	6 30.67	+22 0.4	2.646	3.629	0.6	19.6
1 6	6 22.19	+22 7.4	2.660	3.631	2.8	19.8
1 16	6 14.37	+22 13.4	2.704	3.633	5.9	20.0
1 26	6 7.89	+22 18.3	2.777	3.634	8.7	20.2
2 5	6 3.24	+22 22.5	2.874	3.635	11.1	20.4

340077 2005 WP_{7} 12 28.3 358°.75 1°.2/28.2 16 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 54.94	+24 24.6	1.184	2.056	17.0	20.3
12 7	6 49.88	+24 50.6	1.123	2.053	12.3	20.0
12 17	6 41.48	+25 18.6	1.083	2.051	6.8	19.7
12 27	6 30.98	+25 43.9	1.067	2.050	1.4	19.4
1 6	6 20.19	+26 2.9	1.077	2.050	5.4	19.7
1 16	6 10.94	+26 14.1	1.111	2.051	11.0	20.0
1 26	6 4.75	+26 18.7	1.168	2.053	16.0	20.3
2 5	6 2.40	+26 18.9	1.242	2.056	20.0	20.5

346384 2008 SW_{60} 12 28.4 101°.19 5°.0/29.0 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 57.90	+10 3.6	1.780	2.604	14.5	21.9
12 7	6 50.65	+ 9 38.7	1.731	2.627	11.0	21.8
12 17	6 41.34	+ 9 26.0	1.706	2.650	7.4	21.6
12 27	6 30.94	+ 9 26.4	1.708	2.673	5.1	21.5
1 6	6 20.63	+ 9 39.5	1.739	2.695	6.2	21.6
1 16	6 11.52	+10 3.4	1.799	2.716	9.2	21.9
1 26	6 4.51	+10 35.6	1.884	2.737	12.5	22.1
2 5	6 0.10	+11 13.3	1.991	2.757	15.2	22.3

326646 2002 TE 12 28.4 83°.29 6°.5/29.9 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 0.36	+ 5 29.7	1.526	2.341	16.9	21.4
12 7	6 52.52	+ 5 32.2	1.487	2.374	13.1	21.2
12 17	6 42.37	+ 5 54.4	1.472	2.408	9.2	21.1
12 27	6 31.06	+ 6 35.8	1.482	2.440	6.7	21.0
1 6	6 19.97	+ 7 33.5	1.521	2.472	7.4	21.1
1 16	6 10.34	+ 8 42.7	1.588	2.503	10.3	21.4
1 26	6 3.15	+ 9 57.9	1.680	2.534	13.6	21.6
2 5	5 58.89	+11 14.5	1.793	2.563	16.5	21.9

358641 2007 VJ_{270} 12 28.4 53°.37 4°.2/27.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 58.84	+31 0.6	1.522	2.375	15.0	20.3
12 7	6 52.09	+32 0.7	1.474	2.391	11.0	20.1
12 17	6 42.43	+32 55.0	1.449	2.408	6.8	19.9
12 27	6 31.10	+33 36.9	1.451	2.425	4.2	19.8
1 6	6 19.70	+34 2.3	1.480	2.442	6.2	20.0
1 16	6 9.84	+34 10.9	1.536	2.459	10.1	20.2
1 26	6 2.77	+34 5.9	1.617	2.477	13.8	20.5
2 5	5 59.12	+33 51.8	1.717	2.494	16.9	20.8

19653 1999 RD_{119} 12 28.4 49°.37 3°.1/28.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 1.93	+32 51.5	1.490	2.338	15.5	17.1
12 7	6 54.14	+32 25.9	1.432	2.348	11.4	16.8
12 17	6 43.44	+31 48.7	1.398	2.358	6.8	16.6
12 27	6 31.20	+30 57.5	1.391	2.369	3.2	16.4
1 6	6 19.18	+29 53.3	1.411	2.380	5.4	16.6
1 16	6 8.94	+28 40.9	1.460	2.391	9.8	16.9
1 26	6 1.68	+27 26.5	1.533	2.402	13.9	17.1
2 5	5 57.90	+26 15.5	1.628	2.414	17.3	17.4

391492 2007 MS_{20} 12 28.4 185°.40 2°.2/28.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 59.30	+28 59.2	2.080	2.918	12.2	21.9
12 7	6 51.89	+29 20.1	2.006	2.918	8.8	21.7
12 17	6 42.17	+29 37.1	1.957	2.918	5.1	21.5
12 27	6 31.08	+29 46.7	1.938	2.917	2.2	21.3
1 6	6 19.80	+29 47.1	1.948	2.915	4.3	21.5
1 16	6 9.56	+29 38.3	1.989	2.913	8.0	21.7
1 26	6 1.41	+29 22.4	2.056	2.910	11.5	21.9
2 5	5 55.98	+29 2.5	2.145	2.906	14.4	22.1

234235 2000 SR_{268} 12 28.4 92°.58 2°.2/28.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 59.31	+27 23.4	1.645	2.494	14.3	19.6
12 7	6 52.19	+28 0.2	1.590	2.508	10.3	19.4
12 17	6 42.41	+28 34.5	1.559	2.522	5.8	19.1
12 27	6 31.11	+29 1.8	1.555	2.535	2.3	18.9
1 6	6 19.75	+29 18.9	1.581	2.549	4.9	19.1
1 16	6 9.76	+29 25.6	1.634	2.562	9.1	19.4
1 26	6 2.32	+29 23.7	1.712	2.575	12.9	19.7
2 5	5 58.03	+29 16.4	1.811	2.588	16.1	19.9

292383 2006 SH_{262} 12 28.4 93°.89 2°.3/28.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 55.47	+16 39.3	1.923	2.761	13.0	21.0
12 7	6 48.97	+16 33.4	1.865	2.776	9.4	20.8
12 17	6 40.47	+16 33.6	1.832	2.791	5.5	20.6
12 27	6 30.87	+16 39.4	1.827	2.806	2.4	20.4
1 6	6 21.26	+16 49.7	1.852	2.821	4.3	20.6
1 16	6 12.69	+17 3.6	1.906	2.835	8.0	20.8
1 26	6 6.06	+17 20.3	1.986	2.849	11.4	21.1
2 5	6 1.89	+17 39.0	2.088	2.863	14.3	21.3

276564 2003 SF_{202} 12 28.4 54°.57 0°.5/28.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 54.48	+21 51.8	1.918	2.765	12.6	21.2
12 7	6 48.28	+21 52.0	1.865	2.784	9.0	21.0
12 17	6 40.09	+21 53.8	1.838	2.802	4.9	20.8
12 27	6 30.82	+21 56.0	1.838	2.821	0.8	20.5
1 6	6 21.60	+21 57.6	1.868	2.840	3.7	20.8
1 16	6 13.48	+21 58.3	1.926	2.859	7.6	21.1
1 26	6 7.33	+21 58.5	2.011	2.878	11.1	21.3
2 5	6 3.66	+21 58.8	2.118	2.898	14.0	21.5

484341 2007 UF_{42} 12 28.4 28°.37 1°.7/28.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 56.91	+27 9.8	1.540	2.396	14.7	21.5
12 7	6 50.63	+27 19.0	1.478	2.400	10.6	21.2
12 17	6 41.63	+27 25.2	1.440	2.405	5.9	21.0
12 27	6 31.03	+27 25.1	1.429	2.410	1.8	20.7
1 6	6 20.33	+27 17.3	1.445	2.416	4.7	20.9
1 16	6 11.01	+27 2.2	1.488	2.421	9.4	21.2
1 26	6 4.27	+26 42.5	1.555	2.428	13.5	21.5
2 5	6 0.74	+26 20.8	1.644	2.434	16.9	21.7

216127 2006 SA_{92} 12 28.4 15°.19 1°.1/28.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 54.88	+20 28.2	1.739	2.589	13.6	20.3
12 7	6 48.90	+20 25.0	1.670	2.589	9.8	20.1
12 17	6 40.59	+20 25.1	1.626	2.591	5.5	19.9
12 27	6 30.91	+20 27.3	1.609	2.592	1.3	19.6
1 6	6 21.07	+20 30.5	1.621	2.593	4.2	19.8
1 16	6 12.31	+20 34.3	1.661	2.595	8.5	20.1
1 26	6 5.68	+20 38.8	1.726	2.597	12.5	20.3
2 5	6 1.81	+20 44.2	1.813	2.599	15.8	20.5

391252 2006 QM_{119} 12 28.4 143°.81 4°.4/29.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 54.83	+ 8 45.2	2.500	3.308	11.3	21.9
12 7	6 48.13	+ 8 22.6	2.436	3.322	8.7	21.7
12 17	6 39.90	+ 8 9.6	2.398	3.335	6.1	21.6
12 27	6 30.82	+ 8 7.1	2.388	3.347	4.4	21.5
1 6	6 21.70	+ 8 14.9	2.410	3.359	5.2	21.6
1 16	6 13.35	+ 8 32.2	2.461	3.369	7.5	21.7
1 26	6 6.47	+ 8 57.2	2.540	3.379	10.1	21.9
2 5	6 1.52	+ 9 27.9	2.642	3.389	12.4	22.1

391164 2005 YE_{285} 12 28.4 2°.56 2°.1/27.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 55.84	+22 23.6	1.179	2.049	17.2	20.1
12 7	6 50.70	+23 57.4	1.118	2.047	12.4	19.8
12 17	6 42.07	+25 40.6	1.079	2.047	6.9	19.5
12 27	6 31.12	+27 24.2	1.066	2.047	2.1	19.2
1 6	6 19.64	+28 58.4	1.078	2.049	6.0	19.5
1 16	6 9.59	+30 16.6	1.116	2.051	11.5	19.8
1 26	6 2.65	+31 17.0	1.176	2.055	16.4	20.1
2 5	5 59.74	+32 1.6	1.255	2.060	20.4	20.4

232607 2003 UD_{92} 12 28.4 26°.91 0°.0/28.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 53.29	+21 54.7	2.094	2.940	11.8	20.0
12 7	6 47.52	+22 20.8	2.024	2.942	8.4	19.8
12 17	6 39.76	+22 49.7	1.979	2.944	4.6	19.5
12 27	6 30.81	+23 19.0	1.963	2.946	0.6	19.2
1 6	6 21.68	+23 46.3	1.976	2.948	3.5	19.5
1 16	6 13.41	+24 10.4	2.019	2.951	7.4	19.7
1 26	6 6.92	+24 30.8	2.089	2.954	10.9	19.9
2 5	6 2.79	+24 48.0	2.181	2.957	13.8	20.1

110567 2001 TW_{112} 12 28.4 265°.47 0°.9/28.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 55.91	+25 50.5	1.983	2.829	12.3	19.7
12 7	6 49.57	+25 54.7	1.902	2.819	8.9	19.4
12 17	6 40.97	+25 57.2	1.845	2.809	5.0	19.2
12 27	6 30.96	+25 55.8	1.817	2.800	1.1	18.9
1 6	6 20.71	+25 49.3	1.819	2.790	3.9	19.1
1 16	6 11.40	+25 37.8	1.849	2.780	8.0	19.3
1 26	6 4.08	+25 22.8	1.906	2.770	11.8	19.5
2 5	5 59.42	+25 6.3	1.984	2.760	15.0	19.7

216776 2006 JC_{80} 12 28.4 113°.97 4°.3/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 58.91	+12 50.3	1.482	2.322	16.1	21.2
12 7	6 51.86	+12 36.1	1.426	2.335	12.0	20.9
12 17	6 42.22	+12 33.9	1.393	2.347	7.6	20.7
12 27	6 31.11	+12 43.7	1.386	2.360	4.5	20.6
1 6	6 19.95	+13 4.4	1.408	2.372	6.1	20.7
1 16	6 10.15	+13 33.9	1.456	2.383	10.1	21.0
1 26	6 2.84	+14 9.5	1.529	2.394	14.1	21.2
2 5	5 58.64	+14 48.7	1.622	2.405	17.5	21.5

216686 2004 GW_{57} 12 28.4 72°.05 1°.0/28.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 55.19	+19 58.3	1.817	2.664	13.2	20.9
12 7	6 48.98	+20 5.7	1.755	2.673	9.5	20.7
12 17	6 40.57	+20 17.2	1.718	2.682	5.3	20.5
12 27	6 30.91	+20 31.0	1.709	2.691	1.2	20.2
1 6	6 21.17	+20 45.5	1.729	2.701	4.0	20.4
1 16	6 12.50	+20 59.7	1.777	2.710	8.1	20.7
1 26	6 5.89	+21 13.5	1.852	2.720	11.9	20.9
2 5	6 1.93	+21 26.7	1.948	2.729	15.0	21.2

214747 2006 TU_{57} 12 28.4 89°.55 0°.6/28.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 56.25	+21 6.2	1.867	2.712	13.0	21.1
12 7	6 49.63	+21 10.6	1.809	2.726	9.3	20.9
12 17	6 40.88	+21 17.5	1.776	2.740	5.1	20.7
12 27	6 30.95	+21 25.4	1.771	2.754	0.9	20.4
1 6	6 20.99	+21 32.8	1.796	2.767	3.8	20.6
1 16	6 12.15	+21 39.3	1.849	2.781	8.0	20.9
1 26	6 5.38	+21 45.1	1.928	2.794	11.6	21.2
2 5	6 1.22	+21 50.6	2.030	2.808	14.6	21.4

52592 1997 QC_{2} 12 28.4 126°.69 1°.7/28.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 55.96	+16 58.5	2.369	3.197	11.2	19.9
12 7	6 49.04	+17 7.4	2.308	3.216	8.1	19.7
12 17	6 40.43	+17 21.3	2.274	3.233	4.7	19.5
12 27	6 30.89	+17 39.0	2.270	3.250	1.8	19.4
1 6	6 21.34	+17 59.2	2.298	3.266	3.5	19.5
1 16	6 12.64	+18 20.8	2.355	3.282	6.8	19.8
1 26	6 5.57	+18 42.9	2.441	3.297	9.8	20.0
2 5	6 0.62	+19 5.2	2.551	3.311	12.4	20.2

357444 2004 BS_{143} 12 28.4 41°.36 0°.7/28.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 55.31	+20 21.6	1.670	2.521	14.0	20.9
12 7	6 49.29	+20 36.1	1.606	2.526	10.1	20.7
12 17	6 40.84	+20 55.1	1.565	2.530	5.6	20.4
12 27	6 30.96	+21 16.2	1.552	2.535	1.0	20.1
1 6	6 20.91	+21 37.4	1.567	2.539	4.2	20.4
1 16	6 11.99	+21 57.3	1.610	2.544	8.7	20.7
1 26	6 5.29	+22 15.4	1.678	2.549	12.7	20.9
2 5	6 1.46	+22 31.9	1.767	2.555	16.1	21.1

15354 1994 YN_{1} 12 28.4 62°.21 1°.1/28.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 59.40	+24 8.9	1.351	2.209	16.2	18.0
12 7	6 52.48	+24 41.5	1.306	2.229	11.5	17.8
12 17	6 42.63	+25 15.0	1.283	2.249	6.3	17.6
12 27	6 31.17	+25 44.7	1.287	2.269	1.3	17.3
1 6	6 19.77	+26 7.2	1.318	2.290	4.9	17.6
1 16	6 10.04	+26 21.7	1.376	2.310	9.9	18.0
1 26	6 3.19	+26 29.5	1.457	2.331	14.1	18.3
2 5	5 59.80	+26 32.8	1.559	2.351	17.6	18.5

286210 2001 UP_{94} 12 28.4 29°.09 3°.6/29.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 53.25	+12 52.7	1.435	2.285	15.9	19.9
12 7	6 47.92	+13 11.0	1.383	2.298	11.8	19.7
12 17	6 40.11	+13 43.1	1.354	2.312	7.3	19.5
12 27	6 30.87	+14 27.5	1.350	2.327	3.8	19.3
1 6	6 21.57	+15 20.7	1.374	2.342	5.4	19.5
1 16	6 13.53	+16 18.9	1.424	2.359	9.6	19.8
1 26	6 7.84	+17 18.2	1.498	2.376	13.6	20.0
2 5	6 5.11	+18 15.8	1.593	2.393	17.0	20.3

206029 2002 QT_{1} 12 28.4 221°.18 2°.4/28.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 55.53	+15 29.3	2.274	3.102	11.6	21.2
12 7	6 49.01	+15 26.7	2.186	3.092	8.5	20.9
12 17	6 40.58	+15 30.4	2.125	3.081	5.2	20.7
12 27	6 30.94	+15 39.8	2.093	3.070	2.5	20.5
1 6	6 21.04	+15 54.2	2.091	3.057	4.1	20.6
1 16	6 11.85	+16 12.6	2.119	3.045	7.5	20.8
1 26	6 4.26	+16 34.1	2.175	3.031	10.9	21.0
2 5	5 58.89	+16 57.8	2.255	3.017	13.8	21.2

230243 2001 UL_{134} 12 28.4 14°.37 4°.0/28.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 55.99	+15 10.8	1.435	2.285	15.9	20.3
12 7	6 49.98	+14 35.0	1.371	2.286	11.8	20.1
12 17	6 41.30	+14 7.6	1.329	2.287	7.4	19.8
12 27	6 31.03	+13 49.9	1.313	2.289	4.1	19.7
1 6	6 20.60	+13 42.6	1.324	2.290	6.1	19.8
1 16	6 11.45	+13 45.3	1.362	2.292	10.4	20.0
1 26	6 4.77	+13 56.9	1.423	2.294	14.6	20.3
2 5	6 1.23	+14 15.3	1.504	2.297	18.1	20.5

384394 2009 VR_{111} 12 28.4 14°.58 1°.1/28.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 54.64	+21 34.4	1.054	1.931	18.3	20.3
12 7	6 49.69	+21 20.7	1.003	1.935	13.2	20.0
12 17	6 41.35	+21 10.6	0.972	1.940	7.3	19.7
12 27	6 31.04	+21 2.8	0.964	1.947	1.4	19.4
1 6	6 20.66	+20 56.6	0.981	1.955	5.5	19.7
1 16	6 12.05	+20 51.8	1.021	1.964	11.3	20.0
1 26	6 6.64	+20 49.2	1.083	1.975	16.4	20.3
2 5	6 5.07	+20 49.1	1.163	1.987	20.5	20.6

20615 1999 SZ_3 12 28.4 272°.48 0°.5/28.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 54.45	+24 17.3	2.092	2.937	11.8	18.0
12 7	6 48.41	+24 26.3	2.014	2.931	8.5	17.7
12 17	6 40.29	+24 35.4	1.961	2.926	4.7	17.5
12 27	6 30.92	+24 42.5	1.938	2.921	0.7	17.2
1 6	6 21.34	+24 46.1	1.944	2.915	3.6	17.4
1 16	6 12.63	+24 46.0	1.979	2.910	7.6	17.6
1 26	6 5.76	+24 42.9	2.040	2.905	11.1	17.9
2 5	6 1.35	+24 38.1	2.125	2.899	14.1	18.1

323325 2003 UR_{141} 12 28.4 104°.42 3°.3/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 0.59	+14 27.3	1.530	2.368	15.7	21.3
12 7	6 52.92	+14 28.6	1.481	2.390	11.5	21.1
12 17	6 42.74	+14 40.0	1.455	2.412	7.0	20.8
12 27	6 31.20	+15 0.5	1.457	2.434	3.4	20.7
1 6	6 19.74	+15 28.0	1.487	2.454	5.3	20.8
1 16	6 9.71	+16 0.1	1.545	2.474	9.5	21.1
1 26	6 2.19	+16 34.9	1.629	2.493	13.4	21.4
2 5	5 57.75	+17 10.6	1.733	2.512	16.7	21.7

241412 2008 UW_{127} 12 28.4 160°.65 2°.4/27.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 54.22	+29 15.3	2.476	3.314	10.4	20.4
12 7	6 48.08	+30 0.7	2.403	3.315	7.6	20.3
12 17	6 40.06	+30 43.7	2.357	3.316	4.5	20.1
12 27	6 30.89	+31 20.8	2.341	3.317	2.4	19.9
1 6	6 21.51	+31 49.4	2.355	3.318	4.1	20.0
1 16	6 12.89	+32 8.5	2.399	3.319	7.1	20.2
1 26	6 5.90	+32 18.8	2.470	3.320	10.0	20.4
2 5	6 1.13	+32 22.1	2.564	3.320	12.4	20.6

181635 2006 XK_{22} 12 28.4 255°.84 1°.6/28.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 54.66	+19 19.8	1.967	2.810	12.5	20.4
12 7	6 48.57	+19 6.8	1.891	2.806	9.1	20.1
12 17	6 40.38	+18 57.0	1.840	2.803	5.2	19.9
12 27	6 30.93	+18 50.1	1.818	2.799	1.7	19.6
1 6	6 21.31	+18 45.6	1.825	2.795	4.0	19.8
1 16	6 12.61	+18 43.4	1.861	2.792	8.0	20.0
1 26	6 5.79	+18 43.6	1.923	2.788	11.6	20.3
2 5	6 1.46	+18 46.3	2.007	2.784	14.7	20.5

3457 Arnenordheim 12 28.4 144°.03 0°.1/28.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 54.69	+22 1.7	2.128	2.970	11.7	16.7
12 7	6 48.47	+22 16.8	2.057	2.974	8.4	16.5
12 17	6 40.28	+22 33.9	2.013	2.977	4.6	16.3
12 27	6 30.92	+22 51.1	1.997	2.980	0.6	16.0
1 6	6 21.41	+23 6.6	2.011	2.983	3.5	16.2
1 16	6 12.78	+23 19.7	2.054	2.985	7.4	16.5
1 26	6 5.95	+23 30.3	2.125	2.988	10.8	16.7
2 5	6 1.48	+23 39.0	2.218	2.990	13.7	16.9

462971 2011 EY_{56} 12 28.4 103°.92 0°.2/28.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 53.55	+22 8.5	2.330	3.170	10.9	20.7
12 7	6 47.54	+22 39.2	2.261	3.177	7.8	20.5
12 17	6 39.73	+23 12.2	2.219	3.183	4.3	20.3
12 27	6 30.85	+23 45.0	2.207	3.190	0.5	20.0
1 6	6 21.84	+24 15.5	2.225	3.196	3.3	20.3
1 16	6 13.61	+24 42.2	2.273	3.203	6.8	20.5
1 26	6 7.01	+25 4.9	2.348	3.209	10.0	20.7
2 5	6 2.56	+25 24.0	2.447	3.215	12.6	20.9

209075 2003 QM_{114} 12 28.4 29°.70 9°.6/28.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 2.84	+43 47.6	1.329	2.165	17.7	19.5
12 7	6 55.71	+44 38.7	1.283	2.176	14.3	19.3
12 17	6 44.67	+45 8.1	1.258	2.187	11.2	19.2
12 27	6 31.45	+45 7.0	1.256	2.199	9.6	19.1
1 6	6 18.36	+44 32.7	1.278	2.212	10.5	19.2
1 16	6 7.59	+43 29.6	1.325	2.226	13.2	19.4
1 26	6 0.63	+42 7.2	1.393	2.240	16.3	19.7
2 5	5 58.00	+40 35.9	1.481	2.255	19.2	19.9

361192 2006 QZ_{178} 12 28.4 9°.04 8°.5/30.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 52.54	+ 1 27.1	1.595	2.406	16.5	20.2
12 7	6 47.30	+ 1 9.8	1.530	2.407	13.5	20.0
12 17	6 39.78	+ 1 15.2	1.487	2.408	10.5	19.8
12 27	6 30.87	+ 1 45.9	1.468	2.410	8.7	19.7
1 6	6 21.76	+ 2 40.9	1.475	2.412	9.1	19.8
1 16	6 13.65	+ 3 56.4	1.508	2.415	11.5	19.9
1 26	6 7.60	+ 5 26.1	1.564	2.418	14.5	20.1
2 5	6 4.26	+ 7 3.0	1.642	2.422	17.4	20.3

181230 2005 TU_{64} 12 28.4 142°.85 1°.0/28.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 55.07	+20 16.6	2.111	2.951	11.9	21.4
12 7	6 48.69	+20 13.9	2.041	2.956	8.6	21.2
12 17	6 40.37	+20 13.9	1.998	2.961	4.8	21.0
12 27	6 30.93	+20 15.6	1.983	2.965	1.2	20.7
1 6	6 21.39	+20 18.0	1.998	2.969	3.6	20.9
1 16	6 12.77	+20 20.9	2.043	2.974	7.4	21.2
1 26	6 5.94	+20 24.3	2.115	2.977	10.8	21.4
2 5	6 1.46	+20 28.5	2.209	2.981	13.7	21.6

262684 2006 WN_{166} 12 28.4 67°.93 0°.3/28.4 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 55.68	+22 15.0	1.806	2.654	13.2	21.6
12 7	6 49.36	+22 17.7	1.744	2.663	9.5	21.4
12 17	6 40.80	+22 22.0	1.708	2.673	5.2	21.1
12 27	6 30.99	+22 26.2	1.700	2.683	0.7	20.8
1 6	6 21.11	+22 29.0	1.720	2.692	3.9	21.1
1 16	6 12.37	+22 30.2	1.769	2.702	8.2	21.4
1 26	6 5.74	+22 30.3	1.844	2.712	11.9	21.6
2 5	6 1.80	+22 30.2	1.940	2.722	15.0	21.8

76621 2000 GF_{176} 12 28.4 112°.91 2°.4/28.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 52.22	+15 23.9	2.484	3.314	10.7	19.1
12 7	6 46.38	+15 9.2	2.417	3.323	7.8	18.9
12 17	6 39.00	+14 59.9	2.376	3.331	4.8	18.7
12 27	6 30.77	+14 56.1	2.364	3.340	2.5	18.6
1 6	6 22.48	+14 57.4	2.383	3.348	3.8	18.7
1 16	6 14.93	+15 3.3	2.432	3.356	6.7	18.9
1 26	6 8.83	+15 13.3	2.508	3.364	9.6	19.1
2 5	6 4.64	+15 26.5	2.607	3.372	12.0	19.2

365299 2009 RN_{51} 12 28.4 151°.84 5°.0/29.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 52.39	+ 6 53.8	2.489	3.295	11.4	21.1
12 7	6 46.49	+ 6 25.3	2.420	3.301	8.9	20.9
12 17	6 39.07	+ 6 7.5	2.376	3.307	6.5	20.8
12 27	6 30.78	+ 6 1.7	2.361	3.312	5.1	20.7
1 6	6 22.41	+ 6 8.3	2.375	3.317	5.7	20.7
1 16	6 14.74	+ 6 26.3	2.418	3.322	7.9	20.9
1 26	6 8.46	+ 6 53.8	2.488	3.326	10.3	21.0
2 5	6 4.05	+ 7 28.3	2.581	3.330	12.6	21.2

247735 2003 HY_{37} 12 28.4 132°.02 2°.0/28.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 3.66	+27 43.8	1.594	2.438	14.9	20.7
12 7	6 55.33	+28 2.9	1.537	2.453	10.7	20.5
12 17	6 44.16	+28 18.1	1.504	2.467	6.1	20.2
12 27	6 31.40	+28 25.2	1.499	2.480	2.1	20.0
1 6	6 18.65	+28 22.0	1.523	2.492	4.9	20.2
1 16	6 7.46	+28 9.5	1.576	2.504	9.4	20.5
1 26	5 59.05	+27 50.6	1.654	2.515	13.4	20.8
2 5	5 54.02	+27 29.0	1.753	2.525	16.7	21.0

213311 2001 RH_{101} 12 28.4 131°.60 2°.2/28.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 55.03	+15 43.0	2.122	2.955	12.1	20.5
12 7	6 48.62	+15 52.9	2.056	2.965	8.8	20.3
12 17	6 40.33	+16 9.8	2.016	2.974	5.3	20.1
12 27	6 30.94	+16 32.5	2.004	2.983	2.3	19.9
1 6	6 21.46	+16 59.4	2.023	2.991	4.0	20.1
1 16	6 12.85	+17 29.0	2.071	2.999	7.5	20.3
1 26	6 5.99	+17 59.8	2.146	3.007	10.8	20.5
2 5	6 1.41	+18 30.9	2.244	3.014	13.6	20.7

325388 2008 TM_{115} 12 28.4 174°.33 1°.2/28.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 53.91	+26 14.1	2.877	3.710	9.3	21.0
12 7	6 47.59	+26 44.4	2.801	3.713	6.6	20.8
12 17	6 39.70	+27 13.8	2.753	3.715	3.7	20.6
12 27	6 30.87	+27 40.0	2.735	3.716	1.2	20.4
1 6	6 21.89	+28 1.4	2.749	3.718	3.1	20.6
1 16	6 13.55	+28 17.0	2.794	3.718	6.0	20.8
1 26	6 6.58	+28 27.3	2.868	3.719	8.7	20.9
2 5	6 1.49	+28 33.3	2.965	3.718	11.0	21.1

213296 2001 QV_{213} 12 28.4 96°.38 2°.6/28.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 55.06	+15 41.8	1.935	2.772	12.9	20.5
12 7	6 48.73	+15 37.4	1.874	2.785	9.5	20.3
12 17	6 40.41	+15 40.2	1.839	2.797	5.7	20.1
12 27	6 30.96	+15 49.4	1.831	2.809	2.7	19.9
1 6	6 21.47	+16 4.1	1.853	2.821	4.4	20.1
1 16	6 12.98	+16 23.1	1.904	2.832	8.0	20.3
1 26	6 6.38	+16 45.1	1.981	2.844	11.4	20.6
2 5	6 2.23	+17 9.1	2.080	2.855	14.4	20.8

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
312692 2010 NA_{97}			12 28.4 340°.40		2°.3/28.6 18	
	h m	° ′			°	m
11 27	6 54.26	+17 8.5	1.900	2.743	12.9	21.2
12 7	6 48.31	+16 58.2	1.829	2.742	9.4	21.0
12 17	6 40.26	+16 53.4	1.781	2.742	5.6	20.8
12 27	6 30.95	+16 54.1	1.762	2.741	2.4	20.6
1 6	6 21.49	+16 59.4	1.772	2.741	4.3	20.7
1 16	6 12.96	+17 8.8	1.810	2.741	8.2	21.0
1 26	6 6.33	+17 21.6	1.875	2.741	11.9	21.2
2 5	6 2.22	+17 36.9	1.961	2.740	15.0	21.4
323341 2003 UC_{233}			12 28.4 134°.87		1°.2/28.4 18	
11 27	7 1.09	+21 0.0	1.621	2.465	14.7	20.6
12 7	6 53.34	+20 43.9	1.561	2.477	10.6	20.4
12 17	6 43.03	+20 29.7	1.525	2.488	5.9	20.2
12 27	6 31.29	+20 16.5	1.516	2.499	1.4	19.9
1 6	6 19.54	+20 3.9	1.537	2.509	4.5	20.1
1 16	6 9.18	+19 52.5	1.587	2.518	9.1	20.4
1 26	6 1.32	+19 43.2	1.662	2.527	13.2	20.7
2 5	5 56.55	+19 36.8	1.758	2.535	16.5	20.9
260253 2004 RT_{345}			12 28.4 79°.32		0°.2/28.4 17	
11 27	6 54.30	+21 53.1	2.041	2.886	12.1	20.6
12 7	6 48.28	+22 8.4	1.972	2.889	8.6	20.4
12 17	6 40.22	+22 25.9	1.928	2.892	4.8	20.1
12 27	6 30.95	+22 43.6	1.912	2.895	0.6	19.8
1 6	6 21.53	+23 0.0	1.926	2.898	3.6	20.1
1 16	6 13.03	+23 13.9	1.969	2.901	7.5	20.3
1 26	6 6.37	+23 25.4	2.039	2.905	11.1	20.6
2 5	6 2.15	+23 35.1	2.131	2.908	14.0	20.8
10223 Zashikiwarashi			12 28.4 260°.35		0°.5/28.3 18	R
11 27	6 53.38	+24 25.2	2.449	3.289	10.5	18.4
12 7	6 47.48	+24 38.6	2.362	3.277	7.5	18.2
12 17	6 39.75	+24 52.1	2.301	3.265	4.2	18.0
12 27	6 30.90	+25 3.8	2.270	3.252	0.7	17.7
1 6	6 21.80	+25 12.2	2.269	3.240	3.3	17.9
1 16	6 13.39	+25 16.9	2.298	3.227	6.8	18.1
1 26	6 6.52	+25 18.3	2.354	3.214	10.0	18.2
2 5	6 1.77	+25 17.4	2.434	3.201	12.7	18.4
453931 2011 WM_{128}			12 28.4 119°.88		1°.3/28.5 17	
11 27	6 56.48	+20 19.8	1.911	2.753	12.9	21.8
12 7	6 49.81	+20 2.8	1.845	2.761	9.3	21.6
12 17	6 41.02	+19 48.2	1.805	2.768	5.2	21.3
12 27	6 31.04	+19 35.4	1.793	2.775	1.5	21.1
1 6	6 21.01	+19 24.2	1.811	2.782	4.0	21.3
1 16	6 12.05	+19 14.8	1.857	2.788	8.0	21.5
1 26	6 5.10	+19 7.8	1.930	2.795	11.7	21.8
2 5	6 0.72	+19 3.5	2.026	2.801	14.7	22.0
196137 2002 TR_{248}			12 28.4 47°.81		1°.1/28.4 17	
11 27	6 57.05	+28 36.2	2.045	2.887	12.2	19.9
12 7	6 50.06	+28 4.8	1.984	2.899	8.7	19.7
12 17	6 41.06	+27 27.8	1.948	2.911	4.9	19.5
12 27	6 31.04	+26 44.7	1.942	2.924	1.3	19.3
1 6	6 21.14	+25 56.3	1.966	2.937	3.7	19.5
1 16	6 12.42	+25 5.0	2.020	2.950	7.5	19.7
1 26	6 5.76	+24 13.9	2.100	2.964	10.9	20.0
2 5	6 1.62	+23 25.6	2.204	2.977	13.7	20.2
134488 1998 XJ_{22}			12 28.4 75°.61		1°.2/28.5 18	
11 27	6 55.75	+20 14.8	1.767	2.615	13.5	20.8
12 7	6 49.49	+20 9.7	1.701	2.619	9.7	20.6
12 17	6 40.94	+20 7.8	1.659	2.622	5.5	20.3
12 27	6 31.05	+20 8.1	1.644	2.626	1.4	20.1
1 6	6 21.04	+20 9.6	1.659	2.630	4.1	20.3
1 16	6 12.12	+20 12.0	1.701	2.634	8.4	20.5
1 26	6 5.32	+20 15.4	1.770	2.638	12.3	20.8
2 5	6 1.26	+20 20.1	1.860	2.642	15.5	21.0
121884 2000 DA_{3}			12 28.4 352°.70		4°.4/27.6 18	
11 27	6 55.49	+33 32.0	1.926	2.770	12.7	18.9
12 7	6 49.53	+34 24.6	1.857	2.767	9.5	18.7
12 17	6 41.08	+35 11.0	1.812	2.765	6.3	18.5
12 27	6 31.07	+35 46.0	1.795	2.763	4.4	18.4
1 6	6 20.79	+36 6.0	1.806	2.762	6.0	18.5
1 16	6 11.56	+36 10.4	1.845	2.761	9.1	18.6
1 26	6 4.55	+36 1.4	1.909	2.760	12.4	18.8
2 5	6 0.45	+35 43.0	1.994	2.760	15.2	19.0
49600 1999 FN_{18}			12 28.4 358°.72		3°.4/28.2 18	
11 27	6 55.07	+32 43.5	1.981	2.825	12.4	17.9
12 7	6 49.03	+32 58.3	1.911	2.824	9.2	17.7
12 17	6 40.70	+33 6.0	1.866	2.823	5.7	17.5
12 27	6 31.02	+33 3.2	1.848	2.822	3.4	17.3
1 6	6 21.22	+32 48.5	1.859	2.822	5.0	17.4
1 16	6 12.52	+32 22.7	1.898	2.822	8.4	17.6
1 26	6 5.94	+31 48.9	1.963	2.823	11.7	17.8
2 5	6 2.09	+31 10.6	2.050	2.824	14.6	18.0

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
317751 2003 SK_{58}			12 28.4 155°.76		3°.3/28.6 18	
	h m	° ′			°	m
11 27	6 53.12	+13 9.3	2.547	3.369	10.7	20.7
12 7	6 46.99	+12 38.6	2.475	3.374	8.0	20.6
12 17	6 39.35	+12 14.0	2.430	3.379	5.2	20.4
12 27	6 30.85	+11 56.3	2.415	3.384	3.3	20.3
1 6	6 22.29	+11 46.0	2.430	3.388	4.4	20.4
1 16	6 14.45	+11 43.0	2.475	3.392	7.0	20.5
1 26	6 8.01	+11 46.5	2.547	3.396	9.7	20.7
2 5	6 3.46	+11 55.6	2.643	3.399	12.1	20.9
463358 2012 ST_{40}			12 28.4 145°.37		3°.5/28.9 18	
11 27	6 50.03	+10 44.9	2.841	3.658	9.8	21.7
12 7	6 44.71	+10 27.3	2.768	3.662	7.5	21.6
12 17	6 38.08	+10 17.2	2.721	3.665	5.1	21.4
12 27	6 30.70	+10 15.0	2.704	3.668	3.5	21.3
1 6	6 23.24	+10 20.8	2.716	3.671	4.3	21.4
1 16	6 16.35	+10 33.9	2.759	3.674	6.5	21.5
1 26	6 10.66	+10 53.1	2.829	3.676	8.9	21.7
2 5	6 6.60	+11 16.9	2.922	3.679	11.1	21.8
60815 2000 HY_{32}			12 28.4 43°.09		0°.7/28.6 18	
11 27	6 57.20	+16 48.9	1.748	2.589	13.9	18.2
12 7	6 50.72	+18 7.7	1.679	2.593	10.1	17.9
12 17	6 41.75	+19 37.8	1.634	2.597	5.6	17.7
12 27	6 31.19	+21 13.8	1.619	2.601	1.0	17.4
1 6	6 20.26	+22 49.6	1.634	2.606	4.1	17.6
1 16	6 10.29	+24 19.6	1.678	2.610	8.6	17.9
1 26	6 2.45	+25 40.4	1.750	2.615	12.6	18.2
2 5	5 57.49	+26 51.1	1.844	2.620	15.9	18.4
77985 2002 JM_{29}			12 28.4 80°.07		4°.1/28.8 18	
11 27	7 0.27	+14 14.0	1.354	2.199	17.0	19.1
12 7	6 52.84	+13 51.5	1.311	2.223	12.5	18.9
12 17	6 42.75	+13 40.0	1.290	2.247	7.7	18.7
12 27	6 31.28	+13 39.8	1.296	2.271	4.2	18.5
1 6	6 19.99	+13 49.8	1.329	2.295	6.1	18.7
1 16	6 10.33	+14 8.3	1.389	2.318	10.3	19.0
1 26	6 3.40	+14 33.4	1.472	2.341	14.3	19.3
2 5	5 59.71	+15 2.5	1.576	2.363	17.7	19.6
255203 2005 UJ_{329}			12 28.4 34°.82		0°.7/28.3 17	
11 27	6 54.94	+24 3.7	1.872	2.721	12.8	21.1
12 7	6 48.92	+24 24.6	1.805	2.724	9.2	20.9
12 17	6 40.65	+24 46.3	1.762	2.727	5.0	20.6
12 27	6 31.05	+25 6.0	1.748	2.731	0.9	20.3
1 6	6 21.28	+25 21.7	1.762	2.734	3.9	20.6
1 16	6 12.53	+25 32.4	1.805	2.738	8.1	20.8
1 26	6 5.83	+25 38.6	1.874	2.742	11.8	21.1
2 5	6 1.81	+25 41.8	1.965	2.745	14.9	21.3
97694 2000 GD_{46}			12 28.4 10°.38		2°.7/28.0 18	
11 27	6 54.04	+29 6.2	1.786	2.639	13.1	18.8
12 7	6 48.46	+29 40.6	1.722	2.642	9.5	18.6
12 17	6 40.46	+30 11.8	1.682	2.644	5.6	18.4
12 27	6 31.03	+30 35.6	1.670	2.648	2.8	18.2
1 6	6 21.42	+30 49.3	1.685	2.652	4.9	18.4
1 16	6 12.92	+30 52.4	1.728	2.657	8.7	18.6
1 26	6 6.63	+30 46.7	1.797	2.662	12.3	18.8
2 5	6 3.19	+30 34.9	1.886	2.668	15.4	19.1
282259 2002 JZ_{98}			12 28.4 130°.72		6°.4/30.0 18	
11 27	6 55.56	+ 2 54.3	2.125	2.918	13.5	21.3
12 7	6 48.91	+ 2 46.1	2.064	2.933	10.8	21.2
12 17	6 40.47	+ 2 54.5	2.026	2.947	8.2	21.1
12 27	6 31.02	+ 3 20.3	2.017	2.960	6.5	21.0
1 6	6 21.51	+ 4 2.7	2.036	2.973	7.0	21.0
1 16	6 12.88	+ 4 58.7	2.084	2.985	9.1	21.2
1 26	6 5.94	+ 6 4.5	2.159	2.996	11.7	21.4
2 5	6 1.21	+ 7 15.7	2.256	3.007	14.1	21.6
58080 4228 $T\text{-}_{2}$			12 28.4 191°.16		2°.6/28.0 17	
11 27	6 56.76	+29 20.8	2.007	2.850	12.3	19.7
12 7	6 50.24	+29 53.4	1.935	2.850	9.0	19.5
12 17	6 41.39	+30 22.5	1.889	2.849	5.3	19.3
12 27	6 31.15	+30 44.4	1.871	2.849	2.6	19.1
1 6	6 20.69	+30 56.4	1.883	2.848	4.6	19.2
1 16	6 11.24	+30 58.1	1.923	2.848	8.2	19.5
1 26	6 3.86	+30 51.1	1.989	2.847	11.7	19.7
2 5	5 59.20	+30 38.4	2.078	2.846	14.6	19.9
278243 2007 EW_{149}			12 28.4 156°.14		1°.5/28.6 18	
11 27	6 57.94	+18 10.8	1.865	2.704	13.3	21.4
12 7	6 50.98	+18 23.2	1.797	2.710	9.6	21.2
12 17	6 41.76	+18 41.2	1.754	2.716	5.5	20.9
12 27	6 31.20	+19 3.2	1.740	2.721	1.7	20.7
1 6	6 20.48	+19 27.1	1.755	2.726	4.1	20.9
1 16	6 10.80	+19 51.4	1.800	2.730	8.3	21.1
1 26	6 3.18	+20 15.4	1.871	2.734	12.0	21.4
2 5	5 58.25	+20 38.6	1.964	2.737	15.2	21.6

172972 2005 SG_{13} 12 28.4 56°.07 0°.9/28.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 56.02	+25 17.2	1.783	2.633	13.3	20.6
12 7	6 49.67	+25 27.5	1.725	2.645	9.5	20.4
12 17	6 41.02	+25 36.9	1.692	2.657	5.2	20.2
12 27	6 31.10	+25 42.7	1.687	2.669	1.1	19.9
1 6	6 21.15	+25 43.5	1.710	2.682	4.0	20.2
1 16	6 12.39	+25 39.5	1.761	2.694	8.2	20.5
1 26	6 5.84	+25 31.8	1.839	2.707	11.9	20.7
2 5	6 2.04	+25 22.3	1.938	2.720	15.0	20.9

354051 2001 SP_{296} 12 28.4 180°.10 5°.1/27.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 0.73	+38 31.7	2.257	3.078	11.9	21.6
12 7	6 52.99	+39 2.4	2.186	3.079	9.2	21.5
12 17	6 42.86	+39 22.2	2.141	3.080	6.6	21.3
12 27	6 31.34	+39 26.7	2.124	3.080	5.1	21.2
1 6	6 19.70	+39 13.7	2.136	3.080	6.1	21.3
1 16	6 9.20	+38 44.4	2.177	3.079	8.7	21.4
1 26	6 0.93	+38 2.4	2.244	3.078	11.4	21.6
2 5	5 55.49	+37 13.0	2.334	3.077	13.9	21.8

434123 2002 QB_{39} 12 28.4 76°.44 1°.7/28.6 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 0.41	+18 40.7	1.372	2.223	16.4	21.5
12 7	6 53.02	+18 46.1	1.329	2.248	11.8	21.3
12 17	6 42.89	+18 57.9	1.309	2.272	6.6	21.1
12 27	6 31.33	+19 13.8	1.315	2.296	1.9	20.8
1 6	6 19.93	+19 31.8	1.348	2.320	4.9	21.1
1 16	6 10.16	+19 50.3	1.409	2.344	9.7	21.4
1 26	6 3.17	+20 8.9	1.495	2.367	13.9	21.7
2 5	5 59.47	+20 27.3	1.600	2.390	17.4	22.0

26524 2000 CY_{85} 12 28.4 134°.90 3°.1/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 58.36	+13 44.2	1.915	2.743	13.4	18.8
12 7	6 51.10	+13 46.8	1.854	2.758	9.9	18.6
12 17	6 41.75	+13 58.3	1.818	2.772	6.1	18.4
12 27	6 31.20	+14 18.1	1.810	2.785	3.2	18.2
1 6	6 20.60	+14 44.5	1.833	2.798	4.7	18.4
1 16	6 11.06	+15 15.8	1.885	2.810	8.3	18.6
1 26	6 3.51	+15 50.1	1.963	2.821	11.8	18.8
2 5	5 58.52	+16 25.8	2.065	2.831	14.7	19.1

476533 2008 GZ_{138} 12 28.4 59°.11 7°.0/27.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 2.51	+35 7.7	1.305	2.157	17.0	20.6
12 7	6 55.47	+36 36.4	1.256	2.168	12.9	20.3
12 17	6 44.68	+37 55.0	1.230	2.180	9.0	20.1
12 27	6 31.59	+38 52.9	1.228	2.191	7.0	20.1
1 6	6 18.27	+39 24.0	1.253	2.203	8.7	20.2
1 16	6 6.84	+39 28.1	1.302	2.215	12.4	20.4
1 26	5 58.93	+39 11.1	1.374	2.227	16.2	20.7
2 5	5 55.26	+38 40.6	1.465	2.239	19.4	21.0

333821 2012 HJ_{49} 12 28.4 46°.66 3°.9/29.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 52.33	+10 45.0	2.062	2.890	12.6	20.2
12 7	6 46.78	+10 48.4	1.994	2.895	9.5	20.0
12 17	6 39.39	+11 3.0	1.951	2.900	6.3	19.8
12 27	6 30.92	+11 28.7	1.936	2.905	4.0	19.7
1 6	6 22.31	+12 4.1	1.949	2.910	5.0	19.8
1 16	6 14.52	+12 47.0	1.991	2.915	8.0	20.0
1 26	6 8.39	+13 34.8	2.060	2.921	11.2	20.2
2 5	6 4.48	+14 24.9	2.152	2.926	14.0	20.4

367410 2008 QQ_{41} 12 28.4 113°.00 2°.4/28.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 52.74	+14 57.8	2.387	3.217	11.0	21.7
12 7	6 46.84	+14 56.3	2.321	3.227	8.1	21.5
12 17	6 39.33	+15 1.0	2.281	3.237	4.9	21.4
12 27	6 30.91	+15 11.8	2.270	3.246	2.5	21.2
1 6	6 22.41	+15 27.5	2.289	3.255	3.8	21.3
1 16	6 14.67	+15 47.4	2.338	3.264	6.9	21.5
1 26	6 8.44	+16 10.1	2.414	3.273	9.8	21.7
2 5	6 4.19	+16 34.7	2.514	3.281	12.4	21.9

272041 2005 EM_{91} 12 28.4 335°.98 5°.9/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 50.99	+ 7 17.9	2.035	2.856	13.1	20.6
12 7	6 45.89	+ 6 37.8	1.960	2.849	10.3	20.4
12 17	6 38.94	+ 6 9.9	1.909	2.843	7.6	20.2
12 27	6 30.87	+ 5 56.4	1.884	2.838	6.0	20.1
1 6	6 22.62	+ 5 58.2	1.888	2.833	6.8	20.1
1 16	6 15.13	+ 6 14.6	1.918	2.828	9.2	20.3
1 26	6 9.27	+ 6 43.4	1.974	2.823	12.1	20.5
2 5	6 5.60	+ 7 21.3	2.052	2.819	14.8	20.6

219284 2000 CK_{96} 12 28.4 324°.40 0°.0/28.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 55.61	+22 38.9	1.229	2.097	16.8	20.0
12 7	6 50.49	+22 48.3	1.154	2.083	12.2	19.7
12 17	6 42.01	+23 1.0	1.102	2.069	6.8	19.4
12 27	6 31.29	+23 14.1	1.073	2.056	0.9	19.0
1 6	6 20.04	+23 24.8	1.071	2.044	5.3	19.2
1 16	6 10.12	+23 32.0	1.093	2.033	11.1	19.5
1 26	6 3.16	+23 36.5	1.137	2.023	16.3	19.8
2 5	6 0.05	+23 39.4	1.200	2.013	20.7	20.0

229245 2004 XK_{123} 12 28.4 311°.47 2°.0/27.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 54.36	+26 7.7	1.958	2.807	12.3	19.5
12 7	6 48.74	+27 1.9	1.872	2.791	8.9	19.3
12 17	6 40.73	+27 57.5	1.812	2.776	5.1	19.0
12 27	6 31.12	+28 50.3	1.780	2.760	2.1	18.8
1 6	6 21.05	+29 36.0	1.778	2.745	4.5	18.9
1 16	6 11.75	+30 12.1	1.803	2.731	8.5	19.1
1 26	6 4.40	+30 38.5	1.855	2.717	12.2	19.3
2 5	5 59.77	+30 56.7	1.929	2.703	15.4	19.5

72427 2001 CO_{40} 12 28.4 42°.60 0°.5/28.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 57.79	+19 44.9	1.331	2.189	16.4	18.3
12 7	6 51.53	+21 7.5	1.283	2.207	11.7	18.1
12 17	6 42.30	+22 38.7	1.258	2.224	6.4	17.8
12 27	6 31.30	+24 11.0	1.259	2.243	0.9	17.5
1 6	6 20.16	+25 37.1	1.289	2.261	4.9	17.8
1 16	6 10.48	+26 51.8	1.345	2.281	10.0	18.2
1 26	6 3.61	+27 53.3	1.426	2.301	14.4	18.5
2 5	6 0.21	+28 42.5	1.527	2.321	17.9	18.8

453643 2010 TM_{40} 12 28.4 62°.49 0°.5/28.4 15

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 56.18	+24 30.3	1.804	2.653	13.2	21.8
12 7	6 49.76	+24 32.6	1.744	2.663	9.4	21.6
12 17	6 41.08	+24 34.4	1.709	2.674	5.2	21.3
12 27	6 31.14	+24 33.7	1.702	2.685	0.8	21.0
1 6	6 21.17	+24 29.2	1.723	2.696	3.9	21.3
1 16	6 12.37	+24 21.3	1.774	2.707	8.2	21.6
1 26	6 5.74	+24 11.3	1.849	2.718	11.9	21.8
2 5	6 1.83	+24 0.6	1.947	2.729	15.0	22.1

441790 2009 EQ_{12} 12 28.4 14°.56 3°.8/27.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 53.69	+26 55.4	1.054	1.934	18.0	19.1
12 7	6 49.31	+28 13.7	1.008	1.941	13.0	18.8
12 17	6 41.35	+29 32.4	0.983	1.950	7.6	18.6
12 27	6 31.19	+30 42.5	0.981	1.960	3.8	18.4
1 6	6 20.83	+31 36.4	1.004	1.972	6.8	18.6
1 16	6 12.26	+32 11.3	1.050	1.986	11.9	18.9
1 26	6 7.04	+32 28.9	1.117	2.002	16.6	19.2
2 5	6 5.89	+32 33.6	1.202	2.019	20.4	19.5

142471 2002 TN_{13} 12 28.4 167°.56 1°.2/28.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 55.98	+19 7.1	2.370	3.202	11.1	21.1
12 7	6 49.22	+19 10.9	2.297	3.207	8.0	20.9
12 17	6 40.68	+19 18.1	2.250	3.211	4.5	20.7
12 27	6 31.10	+19 27.5	2.233	3.215	1.3	20.5
1 6	6 21.40	+19 38.0	2.248	3.218	3.4	20.6
1 16	6 12.50	+19 49.0	2.293	3.221	6.9	20.9
1 26	6 5.23	+20 0.2	2.365	3.222	10.1	21.1
2 5	6 0.10	+20 11.7	2.461	3.224	12.7	21.3

500746 2013 AC_{21} 12 28.4 47°.08 4°.7/30.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 3.67	+ 4 34.2	0.947	1.788	22.9	20.5
12 7	6 56.71	+ 6 53.3	0.890	1.797	17.5	20.2
12 17	6 45.63	+ 9 56.4	0.853	1.807	11.1	19.9
12 27	6 31.77	+13 33.6	0.841	1.817	5.4	19.7
1 6	6 17.29	+17 24.3	0.856	1.828	6.9	19.8
1 16	6 4.59	+21 6.1	0.899	1.839	13.0	20.2
1 26	5 55.65	+24 23.0	0.967	1.851	18.7	20.5
2 5	5 51.44	+27 9.3	1.054	1.863	23.2	20.9

44800 1999 TY_{194} 12 28.4 224°.47 0°.6/28.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 56.79	+21 37.9	1.948	2.791	12.7	19.5
12 7	6 50.23	+21 35.8	1.868	2.784	9.1	19.3
12 17	6 41.41	+21 35.4	1.814	2.778	5.1	19.0
12 27	6 31.22	+21 35.4	1.788	2.771	0.9	18.7
1 6	6 20.78	+21 34.7	1.792	2.763	3.9	18.9
1 16	6 11.27	+21 33.0	1.824	2.756	8.1	19.2
1 26	6 3.75	+21 31.1	1.884	2.748	11.9	19.4
2 5	5 58.86	+21 29.6	1.965	2.739	15.1	19.6

432308 2009 TQ_{3} 12 28.4 85°.60 5°.2/28.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 6.99	+35 3.0	1.542	2.379	15.7	20.9
12 7	6 57.75	+35 46.1	1.505	2.411	11.7	20.7
12 17	6 45.48	+36 17.0	1.492	2.442	7.6	20.6
12 27	6 31.69	+36 29.4	1.506	2.473	5.2	20.5
1 6	6 18.22	+36 21.3	1.548	2.503	6.8	20.6
1 16	6 6.76	+35 55.2	1.618	2.533	10.2	20.9
1 26	5 58.48	+35 17.1	1.712	2.561	13.7	21.2
2 5	5 53.86	+34 33.3	1.827	2.589	16.5	21.5

283762 2003 FG_{92} 12 28.4 223°.79 3°.9/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 56.43	+11 54.9	2.104	2.926	12.6	21.4
12 7	6 49.83	+11 43.8	2.017	2.915	9.6	21.2
12 17	6 41.17	+11 42.0	1.954	2.903	6.3	21.0
12 27	6 31.19	+11 49.8	1.921	2.891	3.9	20.8
1 6	6 20.91	+12 6.9	1.917	2.877	5.2	20.8
1 16	6 11.36	+12 32.1	1.943	2.863	8.4	21.0
1 26	6 3.53	+13 3.6	1.995	2.849	11.8	21.2
2 5	5 58.05	+13 39.5	2.071	2.833	14.8	21.4

269504 2009 UT_{88} 12 28.4 46°.46 4°.8/27.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 57.16	+35 27.4	1.977	2.815	12.7	20.0
12 7	6 50.64	+36 15.9	1.918	2.823	9.6	19.8
12 17	6 41.66	+36 56.1	1.883	2.831	6.5	19.6
12 27	6 31.25	+37 22.6	1.876	2.839	4.9	19.5
1 6	6 20.70	+37 32.6	1.897	2.848	6.2	19.6
1 16	6 11.32	+37 26.4	1.945	2.856	9.0	19.8
1 26	6 4.21	+37 6.9	2.020	2.865	12.0	20.0
2 5	6 0.00	+36 38.7	2.115	2.874	14.7	20.2

330776 2008 TH_{31} 12 28.4 133°.36 0°.4/28.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 53.79	+24 7.5	2.618	3.454	10.0	21.8
12 7	6 47.56	+24 20.7	2.550	3.464	7.1	21.7
12 17	6 39.74	+24 33.9	2.509	3.473	3.9	21.5
12 27	6 31.01	+24 45.2	2.498	3.481	0.6	21.2
1 6	6 22.20	+24 53.7	2.519	3.490	3.0	21.4
1 16	6 14.14	+24 58.7	2.569	3.498	6.2	21.6
1 26	6 7.57	+25 0.9	2.648	3.506	9.1	21.8
2 5	6 2.97	+25 1.0	2.751	3.513	11.5	22.0

84461 2002 TQ_{254} 12 28.4 24°.43 7°.4/27.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 0.31	+34 38.7	1.198	2.059	17.7	18.9
12 7	6 54.23	+36 19.8	1.147	2.064	13.5	18.7
12 17	6 44.19	+37 52.3	1.118	2.070	9.4	18.4
12 27	6 31.61	+39 4.2	1.113	2.077	7.4	18.4
1 6	6 18.63	+39 47.5	1.133	2.084	9.4	18.5
1 16	6 7.52	+40 1.3	1.177	2.092	13.2	18.7
1 26	6 0.08	+39 51.1	1.242	2.101	17.2	19.0
2 5	5 57.11	+39 24.9	1.325	2.110	20.6	19.2

302704 2002 TX_{171} 12 28.4 37°.51 0°.4/28.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 57.94	+24 31.0	1.432	2.290	15.5	19.7
12 7	6 51.30	+23 51.9	1.380	2.303	11.1	19.5
12 17	6 42.00	+23 10.6	1.351	2.317	6.1	19.3
12 27	6 31.29	+22 27.1	1.349	2.332	0.8	18.9
1 6	6 20.73	+21 42.9	1.374	2.347	4.5	19.2
1 16	6 11.75	+21 0.4	1.426	2.363	9.4	19.6
1 26	6 5.42	+20 22.3	1.503	2.379	13.7	19.9
2 5	6 2.28	+19 50.2	1.601	2.396	17.1	20.1

15633 2000 JZ_{1} 12 28.4 264°.34 0°.2/28.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 0.58	+17 48.2	1.727	2.564	14.3	17.6
12 7	6 53.60	+19 10.0	1.631	2.544	10.4	17.4
12 17	6 43.67	+20 45.3	1.560	2.523	5.9	17.0
12 27	6 31.58	+22 28.7	1.519	2.502	0.8	16.6
1 6	6 18.60	+24 13.0	1.508	2.480	4.5	16.9
1 16	6 6.28	+25 51.4	1.528	2.457	9.5	17.1
1 26	5 56.11	+27 19.7	1.575	2.434	14.1	17.3
2 5	5 49.13	+28 36.8	1.644	2.411	17.9	17.5

411049 2009 VA_{25} 12 28.4 94°.07 0°.6/28.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 56.08	+25 43.8	2.159	3.000	11.6	20.9
12 7	6 49.40	+25 34.0	2.096	3.011	8.3	20.7
12 17	6 40.80	+25 22.0	2.058	3.022	4.6	20.5
12 27	6 31.17	+25 6.5	2.050	3.033	0.8	20.2
1 6	6 21.53	+24 47.3	2.072	3.043	3.5	20.4
1 16	6 12.92	+24 25.2	2.123	3.054	7.2	20.7
1 26	6 6.18	+24 1.9	2.202	3.064	10.5	20.9
2 5	6 1.81	+23 39.0	2.304	3.074	13.3	21.1

197286 2003 WD_{110} 12 28.4 259°.44 0°.9/28.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 54.47	+26 27.8	2.334	3.175	10.9	20.1
12 7	6 48.31	+26 25.5	2.254	3.169	7.8	19.9
12 17	6 40.27	+26 20.8	2.200	3.164	4.4	19.7
12 27	6 31.11	+26 12.3	2.176	3.158	1.0	19.4
1 6	6 21.81	+25 59.1	2.181	3.152	3.4	19.6
1 16	6 13.33	+25 41.7	2.217	3.146	7.0	19.8
1 26	6 6.54	+25 21.6	2.280	3.141	10.2	20.0
2 5	6 2.00	+25 0.5	2.366	3.135	13.0	20.2

8136 Landis 12 28.4 120°.26 1°.5/28.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 52.78	+18 2.2	2.522	3.355	10.4	19.2
12 7	6 46.84	+17 58.1	2.454	3.364	7.5	19.0
12 17	6 39.36	+17 57.7	2.413	3.373	4.3	18.8
12 27	6 31.00	+18 0.4	2.402	3.382	1.6	18.7
1 6	6 22.57	+18 5.8	2.422	3.391	3.3	18.8
1 16	6 14.89	+18 13.2	2.471	3.399	6.4	19.0
1 26	6 8.66	+18 22.2	2.548	3.407	9.4	19.2
2 5	6 4.35	+18 32.6	2.649	3.415	11.8	19.4

268625 2006 DD_{24} 12 28.4 53°.88 4°.0/28.0 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 57.10	+34 2.9	1.986	2.826	12.6	20.2
12 7	6 50.48	+34 31.7	1.927	2.836	9.3	20.0
12 17	6 41.53	+34 52.5	1.893	2.846	6.1	19.8
12 27	6 31.27	+35 1.2	1.887	2.856	4.0	19.7
1 6	6 20.97	+34 56.0	1.909	2.867	5.4	19.8
1 16	6 11.85	+34 37.6	1.960	2.878	8.5	20.0
1 26	6 4.96	+34 9.2	2.036	2.889	11.6	20.3
2 5	6 0.86	+33 34.8	2.134	2.900	14.3	20.5

455680 2005 EJ_{26} 12 28.4 236°.16 8°.0/30.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 50.46	− 8 54.1	3.149	3.867	11.1	22.2
12 7	6 45.05	− 9 25.7	3.062	3.852	9.8	22.1
12 17	6 38.36	− 9 41.0	2.998	3.837	8.7	22.0
12 27	6 30.89	− 9 37.4	2.959	3.821	8.1	21.9
1 6	6 23.23	− 9 14.1	2.947	3.805	8.2	21.9
1 16	6 16.00	− 8 32.0	2.962	3.789	9.1	22.0
1 26	6 9.82	− 7 33.8	3.002	3.772	10.5	22.0
2 5	6 5.12	− 6 23.2	3.065	3.754	11.9	22.1

487479 2014 SB_{216} 12 28.4 114°.41 1°.1/28.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 53.43	+18 18.3	2.619	3.450	10.1	21.4
12 7	6 47.25	+18 34.0	2.557	3.466	7.3	21.3
12 17	6 39.56	+18 53.6	2.521	3.482	4.1	21.1
12 27	6 31.03	+19 15.8	2.516	3.497	1.2	20.9
1 6	6 22.45	+19 39.2	2.542	3.512	3.0	21.1
1 16	6 14.60	+20 2.7	2.598	3.527	6.1	21.3
1 26	6 8.17	+20 25.6	2.683	3.541	9.0	21.5
2 5	6 3.62	+20 47.6	2.792	3.555	11.4	21.7

437556 2013 YP_{149} 12 28.4 338°.96 0°.3/28.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 56.65	+20 4.0	1.270	2.132	16.7	20.6
12 7	6 51.11	+20 46.0	1.202	2.127	12.1	20.3
12 17	6 42.32	+21 36.8	1.156	2.123	6.8	20.0
12 27	6 31.42	+22 31.9	1.136	2.119	0.9	19.6
1 6	6 20.05	+23 26.0	1.141	2.115	5.1	19.8
1 16	6 10.00	+24 15.1	1.173	2.112	10.7	20.1
1 26	6 2.81	+24 57.3	1.228	2.109	15.7	20.4
2 5	5 59.35	+25 32.9	1.302	2.107	19.8	20.7

486353 2013 CB_{183} 12 28.4 333°.49 4°.3/28.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 58.25	+33 33.4	1.440	2.295	15.6	20.7
12 7	6 52.15	+33 40.4	1.367	2.284	11.7	20.4
12 17	6 42.81	+33 36.8	1.316	2.274	7.4	20.1
12 27	6 31.47	+33 17.8	1.290	2.265	4.4	19.9
1 6	6 19.85	+32 41.6	1.291	2.256	6.3	20.0
1 16	6 9.74	+31 50.5	1.318	2.249	10.7	20.2
1 26	6 2.59	+30 50.3	1.369	2.241	15.0	20.5
2 5	5 59.14	+29 47.2	1.440	2.235	18.7	20.7

465394 2008 GR_{26} 12 28.4 296°.39 15°.0/22.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 10.05	+42 23.3	1.044	1.891	20.8	20.5
12 7	7 3.81	+46 15.5	0.986	1.879	17.6	20.3
12 17	6 51.11	+49 59.4	0.950	1.868	15.3	20.1
12 27	6 32.71	+53 7.0	0.938	1.856	15.3	20.0
1 6	6 11.52	+55 16.0	0.948	1.845	17.5	20.1
1 16	5 51.96	+56 19.7	0.979	1.834	20.9	20.3
1 26	5 38.20	+56 29.0	1.026	1.824	24.3	20.5
2 5	5 32.22	+56 2.6	1.085	1.814	27.4	20.7

53252 Sardegna 12 28.4 191°.97 2°.2/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 54.29	+15 0.2	2.503	3.329	10.7	19.9
12 7	6 48.02	+15 9.8	2.423	3.327	7.9	19.7
12 17	6 40.08	+15 25.8	2.369	3.325	4.8	19.5
12 27	6 31.12	+15 47.5	2.345	3.322	2.3	19.3
1 6	6 21.98	+16 13.7	2.352	3.319	3.7	19.4
1 16	6 13.49	+16 43.0	2.389	3.315	6.8	19.6
1 26	6 6.45	+17 14.0	2.455	3.311	9.8	19.8
2 5	6 1.39	+17 45.8	2.544	3.306	12.4	20.0

133297 2003 SW_{36} 12 28.4 48°.11 4°.7/29.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 57.31	+13 21.5	1.152	2.010	18.5	19.2
12 7	6 51.29	+13 4.8	1.104	2.022	13.7	18.9
12 17	6 42.21	+13 2.5	1.077	2.035	8.7	18.7
12 27	6 31.39	+13 14.9	1.074	2.049	4.9	18.5
1 6	6 20.55	+13 40.3	1.096	2.063	6.7	18.7
1 16	6 11.37	+14 15.6	1.143	2.078	11.4	19.0
1 26	6 5.13	+14 57.4	1.212	2.092	15.9	19.3
2 5	6 2.46	+15 42.1	1.300	2.108	19.7	19.6

160987 2002 CV_{118} 12 28.4 241°.12 6°.0/27.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 2.85	+38 42.2	1.906	2.732	13.6	19.8
12 7	6 55.09	+39 20.0	1.825	2.720	10.6	19.5
12 17	6 44.34	+39 46.0	1.768	2.708	7.6	19.3
12 27	6 31.67	+39 53.8	1.739	2.696	6.0	19.2
1 6	6 18.65	+39 40.1	1.738	2.683	7.2	19.3
1 16	6 6.91	+39 5.8	1.764	2.669	10.2	19.4
1 26	5 57.81	+38 15.7	1.816	2.655	13.5	19.6
2 5	5 52.14	+37 16.6	1.889	2.641	16.4	19.8

376699 2013 QK_{81} 12 28.4 115°.72 1°.4/28.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 53.09	+18 29.8	2.480	3.315	10.5	21.3
12 7	6 47.09	+18 24.4	2.414	3.325	7.6	21.2
12 17	6 39.51	+18 22.3	2.374	3.335	4.4	21.0
12 27	6 31.05	+18 23.2	2.364	3.344	1.5	20.8
1 6	6 22.53	+18 26.3	2.384	3.354	3.3	20.9
1 16	6 14.78	+18 31.3	2.434	3.363	6.5	21.2
1 26	6 8.51	+18 37.9	2.512	3.372	9.5	21.4
2 5	6 4.21	+18 45.8	2.614	3.381	12.0	21.6

66610 1999 RX_{198} 12 28.4 65°.88 4°.0/28.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 58.62	+15 53.0	1.531	2.375	15.4	18.6
12 7	6 51.51	+14 53.8	1.483	2.395	11.3	18.4
12 17	6 42.04	+14 1.4	1.459	2.416	7.1	18.2
12 27	6 31.36	+13 18.1	1.462	2.436	4.1	18.0
1 6	6 20.84	+12 45.6	1.493	2.457	5.9	18.2
1 16	6 11.77	+12 24.6	1.552	2.477	9.7	18.5
1 26	6 5.11	+12 14.8	1.635	2.498	13.5	18.7
2 5	6 1.38	+12 14.3	1.739	2.518	16.6	19.0

24649 Balaklava 12 28.4 115°.12 3°.5/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 52.51	+11 16.6	2.767	3.582	10.1	18.3
12 7	6 46.46	+10 49.5	2.706	3.599	7.6	18.2
12 17	6 39.08	+10 29.4	2.672	3.616	5.1	18.1
12 27	6 30.99	+10 17.2	2.668	3.632	3.5	18.0
1 6	6 22.91	+10 12.9	2.694	3.648	4.3	18.0
1 16	6 15.51	+10 16.2	2.750	3.664	6.6	18.2
1 26	6 9.41	+10 26.1	2.834	3.679	9.0	18.4
2 5	6 5.02	+10 41.1	2.943	3.694	11.1	18.6

222029 1998 SA_{154} 12 28.4 78°.67 0°.3/28.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 1.04	+22 31.5	1.428	2.279	15.9	20.5
12 7	6 53.55	+22 57.9	1.383	2.304	11.3	20.3
12 17	6 43.28	+23 26.6	1.362	2.328	6.2	20.1
12 27	6 31.52	+23 53.6	1.368	2.351	0.8	19.8
1 6	6 19.87	+24 15.8	1.403	2.375	4.6	20.1
1 16	6 9.85	+24 32.3	1.464	2.398	9.4	20.5
1 26	6 2.61	+24 44.0	1.550	2.421	13.6	20.8
2 5	5 58.70	+24 52.2	1.657	2.444	17.0	21.0

514738 2007 CQ_{12} 12 28.4 302°.05 2°.2/28.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 56.77	+16 53.3	1.453	2.304	15.7	21.7
12 7	6 50.79	+17 6.6	1.382	2.301	11.5	21.4
12 17	6 41.98	+17 29.2	1.335	2.297	6.7	21.1
12 27	6 31.39	+17 59.6	1.313	2.294	2.4	20.9
1 6	6 20.45	+18 34.9	1.319	2.291	5.0	21.0
1 16	6 10.69	+19 12.4	1.352	2.287	9.9	21.3
1 26	6 3.41	+19 50.2	1.409	2.284	14.4	21.6
2 5	5 59.40	+20 27.0	1.486	2.281	18.2	21.8

436785 2012 PT_{10} 12 28.4 138°.14 0°.1/28.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 0.12	+22 44.1	1.828	2.669	13.4	22.2
12 7	6 52.57	+22 47.5	1.766	2.681	9.6	22.0
12 17	6 42.67	+22 51.7	1.729	2.693	5.3	21.8
12 27	6 31.45	+22 54.7	1.720	2.704	0.7	21.5
1 6	6 20.19	+22 55.1	1.742	2.714	3.9	21.7
1 16	6 10.14	+22 53.0	1.793	2.723	8.3	22.0
1 26	6 2.33	+22 49.2	1.870	2.732	12.1	22.3
2 5	5 57.35	+22 45.2	1.969	2.741	15.2	22.5

441053 2007 LB_{10} 12 28.4 149°.68 4°.9/29.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 56.33	+ 8 56.4	1.948	2.766	13.6	21.6
12 7	6 49.71	+ 8 46.4	1.881	2.774	10.5	21.5
12 17	6 41.07	+ 8 49.1	1.839	2.781	7.2	21.3
12 27	6 31.26	+ 9 5.1	1.824	2.788	5.0	21.2
1 6	6 21.31	+ 9 33.5	1.839	2.794	5.9	21.2
1 16	6 12.30	+10 12.2	1.883	2.800	8.9	21.4
1 26	6 5.15	+10 58.4	1.952	2.805	12.1	21.6
2 5	6 0.42	+11 48.9	2.044	2.810	14.9	21.8

342276 2008 TW_{9} 12 28.4 77°.62 5°.8/27.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 6.27	+35 57.6	1.581	2.416	15.4	21.0
12 7	6 57.31	+36 59.4	1.546	2.450	11.6	20.8
12 17	6 45.32	+37 48.6	1.536	2.483	7.9	20.7
12 27	6 31.77	+38 18.0	1.553	2.516	5.8	20.6
1 6	6 18.48	+38 24.8	1.598	2.548	7.2	20.8
1 16	6 7.11	+38 11.0	1.671	2.580	10.4	21.0
1 26	5 58.88	+37 42.2	1.768	2.611	13.6	21.3
2 5	5 54.28	+37 5.1	1.885	2.641	16.3	21.6

69924 1998 TX_{22} 12 28.4 17°.22 4°.8/27.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 56.18	+34 8.2	1.862	2.706	13.1	18.9
12 7	6 50.12	+35 5.3	1.800	2.709	9.8	18.7
12 17	6 41.51	+35 55.3	1.762	2.713	6.6	18.5
12 27	6 31.32	+36 32.7	1.751	2.717	4.8	18.4
1 6	6 20.91	+36 53.7	1.768	2.722	6.3	18.5
1 16	6 11.64	+36 57.9	1.813	2.727	9.4	18.7
1 26	6 4.70	+36 48.0	1.883	2.733	12.6	18.9
2 5	6 0.75	+36 28.1	1.973	2.739	15.4	19.1

293603 2007 JP_{43} 12 28.4 198°.17 5°.9/29.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 51.75	+ 1 42.8	2.671	3.454	11.3	21.2
12 7	6 46.09	+ 1 31.4	2.592	3.451	9.2	21.1
12 17	6 38.98	+ 1 34.0	2.538	3.449	7.2	20.9
12 27	6 31.00	+ 1 51.7	2.511	3.445	6.0	20.9
1 6	6 22.86	+ 2 24.3	2.514	3.441	6.4	20.9
1 16	6 15.29	+ 3 10.2	2.546	3.437	8.1	21.0
1 26	6 8.98	+ 4 6.6	2.605	3.433	10.2	21.1
2 5	6 4.41	+ 5 9.9	2.687	3.428	12.3	21.3

256900 2008 DP_{53} 12 28.4 181°.78 2°.9/28.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 57.61	+31 21.1	2.098	2.936	12.0	21.3
12 7	6 50.80	+31 41.1	2.026	2.937	8.8	21.1
12 17	6 41.74	+31 55.4	1.979	2.937	5.4	20.9
12 27	6 31.35	+32 0.6	1.961	2.937	3.0	20.7
1 6	6 20.81	+31 54.9	1.973	2.937	4.6	20.8
1 16	6 11.31	+31 38.8	2.013	2.936	8.0	21.0
1 26	6 3.86	+31 14.7	2.081	2.936	11.3	21.2
2 5	5 59.08	+30 45.9	2.170	2.935	14.2	21.4

230188 2001 SX_{55} 12 28.4 57°.81 4°.9/29.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 57.13	+11 20.7	1.333	2.178	17.2	19.7
12 7	6 50.78	+11 17.2	1.288	2.198	12.9	19.5
12 17	6 41.79	+11 29.3	1.265	2.218	8.3	19.3
12 27	6 31.35	+11 56.4	1.266	2.239	5.0	19.2
1 6	6 20.96	+12 36.1	1.295	2.259	6.4	19.3
1 16	6 12.06	+13 24.6	1.350	2.280	10.4	19.6
1 26	6 5.76	+14 18.1	1.428	2.301	14.4	19.9
2 5	6 2.62	+15 12.9	1.527	2.322	17.8	20.2

106039 2000 SH_{305} 12 28.4 69°.74 0°.4/28.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 55.54	+22 25.7	1.926	2.771	12.6	19.7
12 7	6 49.23	+22 16.5	1.862	2.779	9.0	19.5
12 17	6 40.82	+22 8.2	1.823	2.787	5.0	19.3
12 27	6 31.23	+21 59.7	1.813	2.796	0.8	19.0
1 6	6 21.60	+21 50.4	1.832	2.804	3.7	19.2
1 16	6 13.02	+21 40.6	1.879	2.812	7.8	19.5
1 26	6 6.43	+21 31.1	1.953	2.820	11.4	19.7
2 5	6 2.38	+21 22.8	2.049	2.828	14.4	19.9

443792 2015 ML_{93} 12 28.4 143°.63 1°.9/28.7 15

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 58.21	+17 11.3	2.006	2.839	12.7	22.3
12 7	6 51.03	+17 15.8	1.941	2.851	9.3	22.1
12 17	6 41.78	+17 25.9	1.902	2.862	5.4	21.9
12 27	6 31.36	+17 40.4	1.892	2.872	2.0	21.7
1 6	6 20.86	+17 58.0	1.913	2.882	4.0	21.9
1 16	6 11.36	+18 17.4	1.963	2.891	7.8	22.1
1 26	6 3.79	+18 38.0	2.040	2.900	11.3	22.4
2 5	5 58.73	+18 59.1	2.140	2.907	14.3	22.6

290675 2005 UL_{338} 12 28.4 72°.82 1°.0/28.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 54.88	+20 4.9	1.930	2.774	12.7	21.3
12 7	6 48.76	+20 6.7	1.866	2.783	9.1	21.1
12 17	6 40.58	+20 11.9	1.827	2.791	5.1	20.9
12 27	6 31.21	+20 19.3	1.817	2.799	1.2	20.6
1 6	6 21.76	+20 27.6	1.835	2.807	3.8	20.8
1 16	6 13.31	+20 36.2	1.883	2.816	7.8	21.1
1 26	6 6.79	+20 45.0	1.957	2.824	11.4	21.3
2 5	6 2.76	+20 54.0	2.053	2.832	14.4	21.5

135303 2001 SX_{248} 12 28.4 325°.02 4°.6/27.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 59.20	+31 38.0	1.438	2.293	15.6	19.6
12 7	6 52.92	+32 31.7	1.370	2.288	11.6	19.4
12 17	6 43.32	+33 20.2	1.325	2.284	7.3	19.1
12 27	6 31.59	+33 56.1	1.306	2.279	4.6	19.0
1 6	6 19.44	+34 14.6	1.313	2.275	6.7	19.1
1 16	6 8.71	+34 14.8	1.347	2.271	11.0	19.3
1 26	6 0.95	+34 0.2	1.403	2.268	15.2	19.6
2 5	5 56.97	+33 36.2	1.480	2.265	18.7	19.8

271362 2003 XK_{29} 12 28.4 235°.40 3°.2/28.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 53.31	+14 46.3	2.388	3.217	11.1	20.5
12 7	6 47.34	+14 4.3	2.310	3.214	8.3	20.3
12 17	6 39.71	+13 26.9	2.258	3.211	5.3	20.1
12 27	6 31.11	+12 55.5	2.236	3.207	3.2	20.0
1 6	6 22.41	+12 31.0	2.243	3.204	4.5	20.1
1 16	6 14.44	+12 14.0	2.280	3.200	7.4	20.3
1 26	6 7.96	+12 4.4	2.344	3.197	10.3	20.4
2 5	6 3.50	+12 1.4	2.432	3.193	12.9	20.6

343887 2011 HQ_{90} 12 28.4 89°.45 1°.1/28.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 58.93	+18 44.9	1.563	2.409	15.0	20.8
12 7	6 51.96	+19 12.0	1.510	2.427	10.8	20.6
12 17	6 42.43	+19 45.6	1.481	2.444	6.0	20.4
12 27	6 31.46	+20 22.5	1.479	2.462	1.4	20.1
1 6	6 20.45	+20 59.7	1.506	2.478	4.4	20.3
1 16	6 10.78	+21 34.7	1.561	2.495	9.0	20.7
1 26	6 3.55	+22 6.7	1.642	2.512	13.0	20.9
2 5	5 59.37	+22 35.4	1.744	2.528	16.4	21.2

289231 2004 XE_{66} 12 28.4 28°.79 0°.5/28.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 51.30	+23 44.8	2.244	3.091	11.0	19.9
12 7	6 46.01	+24 4.2	2.189	3.107	7.8	19.7
12 17	6 38.99	+24 24.1	2.159	3.124	4.3	19.5
12 27	6 31.03	+24 42.7	2.158	3.141	0.7	19.3
1 6	6 23.03	+24 58.3	2.187	3.159	3.3	19.5
1 16	6 15.90	+25 10.4	2.245	3.177	6.7	19.8
1 26	6 10.41	+25 19.0	2.329	3.196	9.8	20.0
2 5	6 7.04	+25 24.9	2.437	3.215	12.4	20.2

329505 2002 RB_{161} 12 28.4 64°.70 2°.8/28.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 52.63	+14 32.0	2.170	3.004	11.9	20.9
12 7	6 46.93	+14 24.3	2.108	3.015	8.7	20.7
12 17	6 39.49	+14 23.8	2.072	3.027	5.4	20.5
12 27	6 31.10	+14 30.4	2.064	3.039	2.9	20.4
1 6	6 22.65	+14 43.2	2.085	3.051	4.2	20.5
1 16	6 15.04	+15 1.2	2.136	3.063	7.4	20.7
1 26	6 9.06	+15 23.2	2.213	3.075	10.5	20.9
2 5	6 5.21	+15 47.8	2.313	3.087	13.1	21.1

257838 2000 JQ_{66} 12 28.4 145°.63 3°.4/28.9 16 R

11 27	7 1.03	+12 55.0	2.127	2.943	12.7	22.6
12 7	6 52.84	+12 43.6	2.064	2.961	9.5	22.5
12 17	6 42.71	+12 40.2	2.027	2.977	6.0	22.3
12 27	6 31.51	+12 44.7	2.021	2.993	3.5	22.1
1 6	6 20.29	+12 56.6	2.045	3.007	4.8	22.3
1 16	6 10.08	+13 14.6	2.100	3.019	8.0	22.5
1 26	6 1.78	+13 37.5	2.183	3.031	11.2	22.7
2 5	5 55.89	+14 3.8	2.290	3.041	13.9	22.9

113183 2002 RZ_{105} 12 28.4 87°.95 5°.1/27.9 18

11 27	7 3.33	+33 45.2	1.464	2.311	15.9	19.5
12 7	6 55.55	+34 33.5	1.415	2.326	11.8	19.3
12 17	6 44.56	+35 12.2	1.388	2.342	7.7	19.1
12 27	6 31.74	+35 34.2	1.388	2.358	5.1	19.0
1 6	6 18.93	+35 36.3	1.415	2.373	6.9	19.1
1 16	6 7.90	+35 19.7	1.469	2.389	10.7	19.4
1 26	6 0.00	+34 49.6	1.546	2.404	14.4	19.7
2 5	5 55.84	+34 12.2	1.644	2.418	17.6	19.9

287291 2002 TP_{196} 12 28.4 41°.79 7°.8/29.7 18

11 27	6 53.94	+ 5 6.4	1.477	2.304	16.8	19.8
12 7	6 48.35	+ 4 29.3	1.428	2.319	13.3	19.6
12 17	6 40.43	+ 4 11.8	1.401	2.334	10.0	19.4
12 27	6 31.22	+ 4 16.7	1.399	2.350	7.9	19.3
1 6	6 22.01	+ 4 43.3	1.422	2.367	8.5	19.4
1 16	6 14.04	+ 5 28.5	1.471	2.384	11.2	19.6
1 26	6 8.30	+ 6 27.4	1.543	2.401	14.4	19.9
2 5	6 5.37	+ 7 34.1	1.636	2.419	17.3	20.1

459746 2013 QX_{24} 12 28.4 62°.11 4°.8/27.8 18

11 27	6 57.00	+37 20.4	2.272	3.101	11.6	21.2
12 7	6 50.36	+37 56.8	2.207	3.105	8.9	21.1
12 17	6 41.51	+38 23.9	2.166	3.109	6.2	20.9
12 27	6 31.36	+38 37.5	2.154	3.113	4.8	20.8
1 6	6 21.10	+38 35.4	2.170	3.117	5.9	20.9
1 16	6 11.87	+38 18.2	2.215	3.121	8.4	21.1
1 26	6 4.69	+37 49.0	2.286	3.125	11.1	21.3
2 5	6 0.13	+37 11.8	2.379	3.130	13.5	21.4

375511 2008 UO_{111} 12 28.4 162°.22 0°.6/28.5 18

11 27	6 53.32	+21 22.7	2.662	3.497	9.9	21.5
12 7	6 47.24	+21 16.1	2.588	3.500	7.1	21.3
12 17	6 39.62	+21 10.6	2.541	3.503	3.9	21.1
12 27	6 31.13	+21 5.5	2.524	3.506	0.8	20.9
1 6	6 22.56	+21 0.4	2.538	3.509	2.9	21.1
1 16	6 14.69	+20 55.2	2.582	3.511	6.1	21.3
1 26	6 8.24	+20 50.4	2.655	3.514	9.0	21.5
2 5	6 3.67	+20 46.3	2.752	3.515	11.5	21.6

379520 2010 OS_{23} 12 28.4 151°.71 1°.2/28.2 18

11 27	6 57.36	+26 41.6	3.096	3.921	8.9	23.0
12 7	6 49.96	+27 13.4	3.028	3.934	6.4	22.9
12 17	6 41.07	+27 43.6	2.987	3.947	3.6	22.7
12 27	6 31.32	+28 9.8	2.979	3.959	1.3	22.5
1 6	6 21.47	+28 30.4	3.003	3.971	3.0	22.7
1 16	6 12.30	+28 44.7	3.060	3.981	5.7	22.9
1 26	6 4.49	+28 53.4	3.146	3.990	8.2	23.1
2 5	5 58.52	+28 57.6	3.257	3.998	10.3	23.2

448900 2011 UM_{299} 12 28.4 109°.65 1°.9/28.2 18

11 27	6 58.50	+27 3.1	1.940	2.782	12.7	21.7
12 7	6 51.44	+27 37.6	1.881	2.796	9.1	21.5
12 17	6 42.10	+28 10.1	1.848	2.810	5.2	21.3
12 27	6 31.46	+28 36.8	1.843	2.823	1.9	21.1
1 6	6 20.73	+28 55.2	1.868	2.837	4.2	21.3
1 16	6 11.15	+29 4.7	1.922	2.849	8.1	21.6
1 26	6 3.71	+29 6.6	2.003	2.862	11.5	21.8
2 5	5 59.01	+29 3.3	2.106	2.874	14.4	22.0

441596 2008 UL_{178} 12 28.4 206°.45 2°.1/28.6 18

11 27	6 57.61	+18 34.3	1.799	2.640	13.6	21.5
12 7	6 50.93	+18 14.3	1.723	2.637	9.9	21.2
12 17	6 41.90	+17 58.1	1.673	2.634	5.8	21.0
12 27	6 31.45	+17 45.7	1.650	2.630	2.2	20.7
1 6	6 20.80	+17 36.8	1.657	2.627	4.5	20.9
1 16	6 11.18	+17 31.6	1.692	2.622	8.7	21.1
1 26	6 3.67	+17 30.3	1.753	2.618	12.6	21.4
2 5	5 58.92	+17 32.7	1.836	2.613	15.9	21.6

77977 2002 JB_{21} 12 28.4 130°.32 1°.9/28.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	7 0.38	+18 44.8	1.594	2.437	14.9	20.0
12 7	6 52.97	+18 34.1	1.534	2.449	10.8	19.8
12 17	6 43.01	+18 28.1	1.499	2.460	6.2	19.5
12 27	6 31.59	+18 26.1	1.490	2.471	2.1	19.3
1 6	6 20.12	+18 27.1	1.511	2.481	4.7	19.5
1 16	6 9.99	+18 30.6	1.560	2.491	9.2	19.8
1 26	6 2.32	+18 36.8	1.634	2.500	13.3	20.0
2 5	5 57.70	+18 45.3	1.729	2.509	16.7	20.3

443005 2013 CL_{195} 12 28.4 13°.55 2°.8/28.3 17

11 27	6 55.23	+28 27.1	1.184	2.056	17.0	21.0
12 7	6 50.15	+28 47.4	1.131	2.060	12.4	20.8
12 17	6 41.77	+29 3.5	1.100	2.066	7.1	20.5
12 27	6 31.44	+29 10.5	1.093	2.073	2.9	20.3
1 6	6 21.02	+29 6.0	1.111	2.082	5.8	20.5
1 16	6 12.31	+28 50.6	1.154	2.092	10.9	20.8
1 26	6 6.72	+28 27.8	1.218	2.103	15.5	21.1
2 5	6 4.87	+28 1.5	1.302	2.116	19.3	21.4

458063 Gustavomuler 12 28.4 3°.83 3°.1/28.3 16

11 27	6 52.70	+18 45.9	1.484	2.344	14.9	19.8
12 7	6 47.64	+17 44.9	1.421	2.343	10.9	19.6
12 17	6 40.14	+16 46.9	1.382	2.344	6.5	19.3
12 27	6 31.23	+15 54.1	1.368	2.346	3.2	19.2
1 6	6 22.25	+15 9.0	1.381	2.350	5.4	19.3
1 16	6 14.50	+14 33.6	1.421	2.354	9.7	19.6
1 26	6 9.05	+14 8.6	1.484	2.360	13.8	19.8
2 5	6 6.50	+13 53.5	1.568	2.368	17.2	20.1

13189 1997 AF_{13} 12 28.4 226°.39 0°.3/28.4 18 R

11 27	6 59.59	+21 37.6	1.794	2.635	13.6	18.5
12 7	6 52.63	+22 19.4	1.710	2.626	9.8	18.2
12 17	6 43.01	+23 6.1	1.651	2.615	5.5	17.9
12 27	6 31.62	+23 53.9	1.621	2.604	0.7	17.6
1 6	6 19.74	+24 38.6	1.621	2.592	4.2	17.8
1 16	6 8.77	+25 17.6	1.650	2.580	8.9	18.0
1 26	5 59.99	+25 50.2	1.705	2.567	13.0	18.3
2 5	5 54.20	+26 17.1	1.782	2.554	16.5	18.5

452067 2014 OY_{330} 12 28.4 168°.01 1°.1/28.3 18

11 27	6 56.66	+25 46.3	2.111	2.952	11.9	21.9
12 7	6 50.05	+26 2.2	2.039	2.955	8.5	21.7
12 17	6 41.34	+26 16.9	1.993	2.957	4.7	21.5
12 27	6 31.39	+26 27.9	1.976	2.958	1.2	21.2
1 6	6 21.28	+26 33.5	1.989	2.960	3.7	21.4
1 16	6 12.11	+26 33.5	2.031	2.961	7.5	21.6
1 26	6 4.84	+26 29.0	2.101	2.962	11.0	21.9
2 5	6 0.08	+26 21.6	2.193	2.962	13.9	22.1

450382 2005 JD_{185} 12 28.4 206°.03 6°.4/28.7 18

11 27	6 54.69	+ 6 41.7	2.021	2.834	13.4	20.9
12 7	6 48.57	+ 5 46.0	1.948	2.831	10.7	20.7
12 17	6 40.50	+ 5 2.2	1.899	2.829	8.0	20.5
12 27	6 31.29	+ 4 33.4	1.877	2.826	6.5	20.4
1 6	6 21.90	+ 4 20.9	1.884	2.823	7.3	20.5
1 16	6 13.35	+ 4 24.8	1.918	2.820	9.7	20.6
1 26	6 6.52	+ 4 43.0	1.978	2.816	12.6	20.8
2 5	6 1.99	+ 5 12.3	2.059	2.812	15.2	21.0

122088 2000 HH_{47} 12 28.4 196°.27 3°.1/28.7 18

11 27	6 57.62	+15 50.4	1.770	2.607	13.9	20.2
12 7	6 50.94	+15 28.5	1.696	2.606	10.3	20.0
12 17	6 41.92	+15 13.0	1.646	2.604	6.3	19.7
12 27	6 31.47	+15 4.6	1.625	2.601	3.2	19.5
1 6	6 20.82	+15 2.9	1.632	2.599	5.0	19.7
1 16	6 11.20	+15 7.6	1.668	2.596	9.0	19.9
1 26	6 3.68	+15 18.1	1.729	2.592	12.9	20.1
2 5	5 58.92	+15 33.2	1.812	2.588	16.1	20.3

275270 2010 AW_{35} 12 28.4 298°.99 1°.4/28.6 18

11 27	6 52.60	+19 8.8	2.275	3.115	11.2	20.8
12 7	6 47.02	+18 58.6	2.195	3.109	8.1	20.6
12 17	6 39.64	+18 51.4	2.140	3.102	4.6	20.4
12 27	6 31.18	+18 47.0	2.115	3.096	1.5	20.2
1 6	6 22.54	+18 44.9	2.119	3.089	3.5	20.3
1 16	6 14.65	+18 44.9	2.152	3.083	7.1	20.5
1 26	6 8.33	+18 46.8	2.213	3.077	10.4	20.7
2 5	6 4.14	+18 50.7	2.296	3.071	13.2	20.9

469646 2004 TN_{88} 12 28.4 228°.05 1°.0/28.6 17

11 27	6 54.02	+19 47.3	2.123	2.964	11.8	21.5
12 7	6 48.12	+19 51.8	2.048	2.963	8.5	21.3
12 17	6 40.27	+19 59.7	1.999	2.962	4.8	21.1
12 27	6 31.26	+20 10.0	1.979	2.961	1.2	20.8
1 6	6 22.08	+20 21.3	1.988	2.960	3.6	21.0
1 16	6 13.72	+20 33.0	2.027	2.959	7.4	21.2
1 26	6 7.10	+20 44.7	2.092	2.957	10.8	21.4
2 5	6 2.78	+20 56.4	2.180	2.956	13.8	21.6

50523 2000 DQ_{116} 12 28.4 235°.50 4°.9/29.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 54.48	+ 7 39.7	2.399	3.205	11.8	19.9
12 7	6 48.31	+ 7 23.7	2.306	3.190	9.2	19.7
12 17	6 40.36	+ 7 18.6	2.239	3.174	6.6	19.6
12 27	6 31.28	+ 7 25.7	2.200	3.157	4.9	19.4
1 6	6 21.91	+ 7 44.8	2.192	3.140	5.7	19.4
1 16	6 13.12	+ 8 15.0	2.212	3.122	8.2	19.6
1 26	6 5.76	+ 8 54.2	2.260	3.103	11.0	19.7
2 5	6 0.41	+ 9 39.6	2.332	3.084	13.6	19.9

358665 2007 WR_{19} 12 28.4 320°.97 0°.5/28.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 54.81	+20 45.6	1.574	2.429	14.5	20.3
12 7	6 49.38	+21 3.0	1.496	2.418	10.5	20.1
12 17	6 41.26	+21 25.4	1.442	2.407	5.9	19.8
12 27	6 31.42	+21 50.4	1.414	2.397	1.0	19.4
1 6	6 21.17	+22 15.4	1.414	2.387	4.4	19.6
1 16	6 11.96	+22 38.6	1.442	2.378	9.3	19.9
1 26	6 5.05	+22 59.3	1.493	2.369	13.7	20.1
2 5	6 1.22	+23 17.8	1.566	2.361	17.4	20.4

452053 2014 OP_{253} 12 28.4 124°.96 1°.8/28.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 57.02	+27 35.0	2.076	2.917	12.0	21.6
12 7	6 50.33	+27 58.7	2.010	2.925	8.7	21.4
12 17	6 41.50	+28 19.9	1.970	2.932	4.9	21.2
12 27	6 31.43	+28 35.6	1.959	2.939	1.9	21.0
1 6	6 21.23	+28 43.7	1.978	2.946	4.0	21.2
1 16	6 12.06	+28 44.1	2.025	2.953	7.7	21.4
1 26	6 4.86	+28 38.1	2.100	2.959	11.1	21.7
2 5	6 0.23	+28 28.0	2.197	2.965	13.9	21.9

219244 1999 XV_{62} 12 28.4 57°.44 2°.1/28.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 54.50	+18 28.2	2.006	2.847	12.4	19.6
12 7	6 48.40	+17 59.7	1.941	2.854	9.0	19.4
12 17	6 40.38	+17 34.7	1.902	2.862	5.3	19.2
12 27	6 31.28	+17 13.5	1.891	2.870	2.2	19.0
1 6	6 22.14	+16 56.4	1.909	2.878	4.1	19.2
1 16	6 13.97	+16 43.8	1.956	2.886	7.8	19.4
1 26	6 7.64	+16 36.0	2.030	2.894	11.2	19.6
2 5	6 3.67	+16 32.5	2.126	2.903	14.1	19.9

223061 2002 TX_{205} 12 28.4 111°.24 1°.4/28.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 1.72	+26 35.4	1.582	2.429	14.8	20.5
12 7	6 54.04	+26 45.0	1.526	2.443	10.6	20.3
12 17	6 43.62	+26 51.8	1.494	2.457	5.9	20.1
12 27	6 31.70	+26 52.4	1.489	2.471	1.6	19.8
1 6	6 19.79	+26 45.3	1.514	2.485	4.6	20.1
1 16	6 9.38	+26 31.3	1.566	2.497	9.2	20.4
1 26	6 1.64	+26 12.9	1.644	2.510	13.2	20.6
2 5	5 57.15	+25 53.2	1.742	2.522	16.6	20.9

144195 2004 BV_{127} 12 28.4 126°.82 0°.3/28.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 57.44	+24 5.2	1.985	2.827	12.5	20.8
12 7	6 50.60	+24 10.0	1.920	2.836	8.9	20.6
12 17	6 41.63	+24 14.5	1.880	2.844	4.9	20.4
12 27	6 31.45	+24 16.7	1.870	2.853	0.7	20.1
1 6	6 21.19	+24 15.5	1.889	2.861	3.7	20.3
1 16	6 12.00	+24 10.9	1.938	2.869	7.7	20.6
1 26	6 4.82	+24 4.0	2.013	2.876	11.3	20.8
2 5	6 0.23	+23 56.1	2.111	2.884	14.3	21.0

46896 1998 RR_{53} 12 28.4 138°.49 3°.3/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 56.15	+13 35.3	2.179	3.004	12.1	20.6
12 7	6 49.42	+13 17.6	2.114	3.016	9.0	20.4
12 17	6 40.89	+13 7.2	2.076	3.027	5.7	20.2
12 27	6 31.35	+13 4.5	2.066	3.038	3.4	20.1
1 6	6 21.76	+13 9.2	2.086	3.048	4.6	20.2
1 16	6 13.06	+13 20.4	2.136	3.058	7.7	20.4
1 26	6 6.07	+13 37.0	2.213	3.067	10.8	20.6
2 5	6 1.30	+13 57.8	2.313	3.076	13.5	20.8

31781 1999 KZ_{2} 12 28.4 339°.08 0°.4/28.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 55.37	+23 21.6	1.895	2.742	12.7	19.1
12 7	6 49.34	+23 40.6	1.823	2.741	9.1	18.9
12 17	6 41.06	+24 1.2	1.775	2.740	5.0	18.7
12 27	6 31.40	+24 20.6	1.756	2.739	0.7	18.3
1 6	6 21.52	+24 36.7	1.766	2.739	3.8	18.6
1 16	6 12.61	+24 48.7	1.805	2.738	8.1	18.8
1 26	6 5.71	+24 56.8	1.870	2.737	11.8	19.1
2 5	6 1.47	+25 2.1	1.957	2.737	15.0	19.3

198171 2004 TA_{92} 12 28.4 184°.54 2°.4/28.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 57.38	+16 53.4	1.935	2.770	13.0	21.5
12 7	6 50.62	+16 39.7	1.860	2.770	9.5	21.3
12 17	6 41.70	+16 31.4	1.812	2.770	5.7	21.1
12 27	6 31.48	+16 28.3	1.791	2.770	2.5	20.9
1 6	6 21.08	+16 29.9	1.800	2.768	4.4	21.0
1 16	6 11.64	+16 35.7	1.839	2.767	8.3	21.2
1 26	6 4.15	+16 45.4	1.903	2.765	11.9	21.4
2 5	5 59.22	+16 58.2	1.990	2.762	15.0	21.6

278864 2008 TT_{38} 12 28.5 352°.30 4°.6/27.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 56.26	+35 46.8	2.132	2.967	12.0	20.9
12 7	6 50.01	+36 26.3	2.062	2.966	9.1	20.7
12 17	6 41.43	+36 57.7	2.017	2.964	6.2	20.6
12 27	6 31.45	+37 16.4	2.000	2.963	4.6	20.5
1 6	6 21.27	+37 19.9	2.011	2.962	5.8	20.5
1 16	6 12.11	+37 8.3	2.051	2.962	8.6	20.7
1 26	6 5.03	+36 44.4	2.116	2.961	11.6	20.9
2 5	6 0.68	+36 12.3	2.203	2.961	14.2	21.1

99239 2001 KX_{36} 12 28.5 234°.83 1°.7/28.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 52.86	+17 36.2	2.510	3.343	10.5	20.1
12 7	6 47.08	+17 28.8	2.426	3.335	7.6	19.9
12 17	6 39.65	+17 25.3	2.368	3.327	4.5	19.7
12 27	6 31.22	+17 25.5	2.340	3.319	1.8	19.5
1 6	6 22.61	+17 28.8	2.342	3.311	3.5	19.6
1 16	6 14.65	+17 34.7	2.374	3.303	6.7	19.8
1 26	6 8.10	+17 43.0	2.434	3.294	9.7	20.0
2 5	6 3.51	+17 53.3	2.518	3.285	12.4	20.1

6016 Carnelli 12 28.5 79°.03 4°.2/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 59.67	+13 27.3	1.430	2.271	16.4	16.7
12 7	6 52.44	+13 8.9	1.386	2.296	12.2	16.5
12 17	6 42.68	+13 2.0	1.365	2.320	7.6	16.4
12 27	6 31.59	+13 6.7	1.370	2.344	4.3	16.2
1 6	6 20.65	+13 21.8	1.403	2.368	5.9	16.4
1 16	6 11.22	+13 45.3	1.463	2.392	10.0	16.7
1 26	6 4.36	+14 15.0	1.547	2.415	13.8	17.0
2 5	6 0.59	+14 48.2	1.652	2.438	17.1	17.2

399395 2001 SM_{290} 12 28.5 57°.81 3°.2/28.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 58.16	+17 30.4	1.643	2.487	14.6	20.1
12 7	6 51.08	+16 35.4	1.598	2.511	10.6	19.9
12 17	6 41.82	+15 45.4	1.576	2.535	6.4	19.7
12 27	6 31.48	+15 2.2	1.583	2.560	3.3	19.6
1 6	6 21.35	+14 27.1	1.618	2.585	5.1	19.7
1 16	6 12.60	+14 1.3	1.682	2.609	9.0	20.0
1 26	6 6.13	+13 44.9	1.771	2.634	12.6	20.3
2 5	6 2.40	+13 36.7	1.881	2.659	15.6	20.5

487763 2015 RV_{200} 12 28.5 267°.09 3°.9/27.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 59.59	+32 18.9	1.841	2.682	13.3	21.1
12 7	6 52.82	+32 56.2	1.754	2.665	10.0	20.9
12 17	6 43.21	+33 27.9	1.691	2.647	6.3	20.6
12 27	6 31.72	+33 48.6	1.656	2.629	4.0	20.5
1 6	6 19.73	+33 54.7	1.650	2.611	5.8	20.5
1 16	6 8.75	+33 45.7	1.672	2.593	9.6	20.7
1 26	6 0.15	+33 24.3	1.719	2.574	13.3	20.9
2 5	5 54.75	+32 55.2	1.787	2.555	16.7	21.1

362213 2009 HK_{62} 12 28.5 267°.40 5°.8/28.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 54.80	+ 9 25.4	1.912	2.736	13.6	20.4
12 7	6 48.83	+ 8 28.5	1.832	2.726	10.6	20.2
12 17	6 40.75	+ 7 41.3	1.776	2.716	7.6	20.0
12 27	6 31.39	+ 7 6.9	1.748	2.705	5.9	19.8
1 6	6 21.77	+ 6 47.1	1.747	2.695	6.9	19.9
1 16	6 12.99	+ 6 42.4	1.774	2.685	9.8	20.0
1 26	6 6.02	+ 6 51.4	1.827	2.674	13.0	20.2
2 5	6 1.50	+ 7 11.5	1.900	2.664	15.9	20.4

264872 2002 RJ_{226} 12 28.5 197°.37 0°.7/28.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 54.22	+25 36.9	2.614	3.451	10.0	20.9
12 7	6 48.02	+25 41.9	2.536	3.449	7.2	20.7
12 17	6 40.15	+25 45.6	2.484	3.447	4.0	20.5
12 27	6 31.30	+25 46.4	2.462	3.444	0.9	20.3
1 6	6 22.31	+25 43.5	2.470	3.441	3.1	20.5
1 16	6 14.05	+25 36.7	2.510	3.438	6.3	20.7
1 26	6 7.28	+25 27.1	2.577	3.435	9.3	20.9
2 5	6 2.52	+25 15.7	2.668	3.431	11.8	21.0

338002 2002 EX_{50} 12 28.5 351°.98 8°.1/27.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 56.01	+37 33.7	1.100	1.968	18.4	19.5
12 7	6 51.53	+38 27.5	1.040	1.958	14.3	19.3
12 17	6 42.94	+39 7.0	0.999	1.951	10.3	19.0
12 27	6 31.70	+39 22.3	0.981	1.945	8.1	18.9
1 6	6 20.05	+39 8.1	0.985	1.940	9.7	18.9
1 16	6 10.34	+38 26.0	1.012	1.937	13.7	19.2
1 26	6 4.42	+37 23.8	1.060	1.936	18.0	19.4
2 5	6 3.06	+36 11.1	1.124	1.937	21.8	19.6

265525 2005 MD_{44} 12 28.5 206°.37 0°.4/28.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 59.61	+21 13.0	1.865	2.704	13.3	21.9
12 7	6 52.46	+21 26.9	1.785	2.699	9.6	21.6
12 17	6 42.85	+21 43.9	1.730	2.693	5.4	21.4
12 27	6 31.67	+22 1.7	1.704	2.687	0.8	21.0
1 6	6 20.17	+22 18.1	1.707	2.679	4.0	21.3
1 16	6 9.65	+22 32.0	1.740	2.671	8.5	21.5
1 26	6 1.25	+22 43.6	1.800	2.662	12.5	21.7
2 5	5 55.68	+22 53.6	1.881	2.652	15.8	22.0

172224 2002 RU_{88} 12 28.5 253°.37 1°.7/28.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 57.76	+27 36.6	1.823	2.670	13.2	20.3
12 7	6 51.21	+27 47.5	1.748	2.665	9.6	20.1
12 17	6 42.16	+27 55.4	1.697	2.660	5.5	19.8
12 27	6 31.58	+27 57.2	1.674	2.655	1.8	19.6
1 6	6 20.77	+27 51.2	1.680	2.650	4.4	19.7
1 16	6 11.05	+27 37.6	1.715	2.645	8.6	20.0
1 26	6 3.56	+27 18.5	1.775	2.640	12.5	20.2
2 5	5 58.99	+26 56.8	1.857	2.635	15.7	20.4

389403 2009 YE_{25} 12 28.5 19°.67 0°.7/28.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 55.68	+20 56.4	1.165	2.035	17.4	20.7
12 7	6 50.40	+21 8.1	1.111	2.040	12.6	20.4
12 17	6 41.93	+21 25.5	1.079	2.046	7.0	20.1
12 27	6 31.55	+21 45.5	1.071	2.054	1.2	19.8
1 6	6 21.03	+22 5.2	1.088	2.062	5.1	20.1
1 16	6 12.10	+22 23.0	1.130	2.071	10.7	20.4
1 26	6 6.16	+22 38.7	1.194	2.081	15.6	20.7
2 5	6 3.90	+22 52.5	1.277	2.092	19.5	21.0

125294 2001 VA_{26} 12 28.5 334°.85 0°.3/28.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 56.73	+22 28.2	1.413	2.272	15.6	19.5
12 7	6 50.97	+22 53.2	1.344	2.267	11.2	19.2
12 17	6 42.24	+23 22.0	1.297	2.263	6.2	18.9
12 27	6 31.61	+23 51.1	1.276	2.259	0.8	18.5
1 6	6 20.61	+24 16.9	1.282	2.255	4.7	18.8
1 16	6 10.87	+24 37.8	1.315	2.252	10.0	19.1
1 26	6 3.77	+24 53.7	1.371	2.249	14.6	19.4
2 5	6 0.09	+25 5.7	1.448	2.246	18.4	19.6

262092 2006 RP_{86} 12 28.5 245°.31 1°.4/28.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 55.47	+19 6.3	1.883	2.727	13.0	21.4
12 7	6 49.39	+19 5.5	1.808	2.724	9.4	21.2
12 17	6 41.09	+19 9.0	1.758	2.720	5.4	20.9
12 27	6 31.45	+19 15.9	1.736	2.717	1.6	20.7
1 6	6 21.58	+19 24.9	1.742	2.714	4.0	20.8
1 16	6 12.65	+19 35.3	1.778	2.710	8.2	21.1
1 26	6 5.68	+19 46.8	1.839	2.707	12.0	21.3
2 5	6 1.30	+19 59.1	1.923	2.703	15.2	21.5

270783 2002 RU_{203} 12 28.5 76°.13 6°.9/30.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 51.85	+ 0 44.9	2.277	3.064	12.9	20.7
12 7	6 46.33	+ 0 31.3	2.215	3.075	10.6	20.5
12 17	6 39.21	+ 0 34.6	2.177	3.086	8.3	20.4
12 27	6 31.20	+ 0 56.1	2.166	3.098	7.0	20.4
1 6	6 23.10	+ 1 35.2	2.183	3.109	7.3	20.4
1 16	6 15.76	+ 2 29.3	2.227	3.120	9.0	20.5
1 26	6 9.90	+ 3 34.9	2.298	3.131	11.2	20.7
2 5	6 5.99	+ 4 47.4	2.391	3.142	13.4	20.9

266456 2007 KS_{2} 12 28.5 203°.50 2°.5/28.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 55.75	+30 59.9	2.674	3.506	10.0	21.3
12 7	6 49.21	+31 26.5	2.594	3.502	7.3	21.1
12 17	6 40.86	+31 49.0	2.541	3.498	4.5	20.9
12 27	6 31.42	+32 4.5	2.518	3.493	2.5	20.8
1 6	6 21.79	+32 11.3	2.525	3.488	3.9	20.9
1 16	6 12.88	+32 9.1	2.563	3.482	6.7	21.1
1 26	6 5.55	+31 59.3	2.629	3.476	9.5	21.2
2 5	6 0.34	+31 44.1	2.718	3.470	11.9	21.4

130086 1999 WW_{17} 12 28.5 91°.56 0°.4/28.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 58.14	+21 52.9	1.744	2.590	13.7	20.7
12 7	6 51.25	+21 59.0	1.688	2.606	9.8	20.5
12 17	6 42.05	+22 7.0	1.657	2.621	5.4	20.2
12 27	6 31.56	+22 15.0	1.654	2.637	0.8	19.9
1 6	6 21.08	+22 21.6	1.680	2.652	4.0	20.2
1 16	6 11.82	+22 26.2	1.734	2.667	8.3	20.5
1 26	6 4.81	+22 29.5	1.814	2.682	12.1	20.8
2 5	6 0.60	+22 32.1	1.917	2.697	15.2	21.0

248431 2005 TB_{2} 12 28.5 22°.70 2°.3/28.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 54.00	+17 37.4	1.623	2.474	14.3	20.0
12 7	6 48.47	+17 24.7	1.561	2.479	10.4	19.8
12 17	6 40.60	+17 18.3	1.524	2.485	6.1	19.6
12 27	6 31.39	+17 17.7	1.512	2.492	2.5	19.4
1 6	6 22.07	+17 22.3	1.529	2.499	4.6	19.5
1 16	6 13.87	+17 31.3	1.573	2.507	8.9	19.8
1 26	6 7.86	+17 43.8	1.641	2.515	12.8	20.0
2 5	6 4.61	+17 59.1	1.731	2.524	16.1	20.3

517484 2014 QM_{165} 12 28.5 171°.85 1°.7/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 55.51	+15 50.2	2.394	3.221	11.1	22.3
12 7	6 49.02	+16 16.2	2.318	3.224	8.1	22.1
12 17	6 40.76	+16 49.0	2.269	3.227	4.8	21.9
12 27	6 31.42	+17 26.9	2.249	3.229	1.9	21.7
1 6	6 21.89	+18 7.9	2.261	3.231	3.5	21.9
1 16	6 13.08	+18 50.0	2.304	3.232	6.9	22.1
1 26	6 5.80	+19 31.6	2.375	3.232	10.0	22.3
2 5	6 0.61	+20 11.7	2.469	3.233	12.7	22.5

452589 2005 JF_{103} 12 28.5 99°.98 4°.4/29.6 15

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 56.00	+ 8 24.7	2.220	3.031	12.5	22.2
12 7	6 49.21	+ 8 28.7	2.169	3.057	9.5	22.0
12 17	6 40.75	+ 8 44.6	2.142	3.082	6.5	21.9
12 27	6 31.41	+ 9 12.0	2.145	3.107	4.5	21.8
1 6	6 22.09	+ 9 49.5	2.177	3.132	5.2	21.9
1 16	6 13.68	+10 34.6	2.239	3.155	7.7	22.1
1 26	6 6.93	+11 24.7	2.329	3.178	10.5	22.3
2 5	6 2.30	+12 17.1	2.442	3.201	12.9	22.5

61353 2000 PE_{10} 12 28.5 70°.60 0°.8/28.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 58.75	+19 12.8	1.488	2.338	15.4	18.9
12 7	6 51.97	+19 49.0	1.439	2.358	11.1	18.6
12 17	6 42.56	+20 31.8	1.413	2.377	6.1	18.4
12 27	6 31.66	+21 17.4	1.414	2.397	1.1	18.1
1 6	6 20.73	+22 1.7	1.444	2.416	4.4	18.4
1 16	6 11.21	+22 42.3	1.501	2.436	9.2	18.7
1 26	6 4.22	+23 17.9	1.583	2.456	13.3	19.0
2 5	6 0.38	+23 48.8	1.687	2.475	16.7	19.3

13770 Commerson 12 28.5 57°.77 1°.1/28.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 53.77	+19 23.2	2.057	2.899	12.1	18.3
12 7	6 47.95	+19 28.6	1.992	2.907	8.7	18.1
12 17	6 40.20	+19 37.9	1.952	2.915	4.9	17.9
12 27	6 31.36	+19 50.0	1.941	2.923	1.3	17.7
1 6	6 22.41	+20 3.6	1.960	2.931	3.6	17.8
1 16	6 14.37	+20 17.6	2.007	2.940	7.4	18.1
1 26	6 8.10	+20 31.8	2.081	2.948	10.8	18.3
2 5	6 4.16	+20 45.8	2.178	2.957	13.7	18.5

514979 2009 DA_{52} 12 28.5 257°.37 2°.5/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 55.59	+15 41.9	1.838	2.677	13.4	21.5
12 7	6 49.60	+15 47.3	1.756	2.667	9.9	21.3
12 17	6 41.29	+16 0.8	1.699	2.658	6.0	21.0
12 27	6 31.52	+16 21.8	1.669	2.648	2.7	20.8
1 6	6 21.40	+16 48.7	1.668	2.637	4.6	20.9
1 16	6 12.13	+17 19.5	1.696	2.627	8.6	21.1
1 26	6 4.81	+17 52.8	1.750	2.617	12.5	21.3
2 5	6 0.14	+18 27.1	1.825	2.606	15.9	21.6

330731 2008 RV_{112} 12 28.5 161°.47 3°.3/28.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 52.69	+13 8.1	2.388	3.214	11.2	21.4
12 7	6 46.95	+12 44.7	2.315	3.216	8.4	21.2
12 17	6 39.59	+12 28.0	2.267	3.217	5.4	21.1
12 27	6 31.29	+12 18.9	2.248	3.219	3.4	20.9
1 6	6 22.87	+12 17.4	2.259	3.220	4.5	21.0
1 16	6 15.18	+12 23.1	2.300	3.221	7.3	21.2
1 26	6 8.95	+12 35.1	2.367	3.222	10.2	21.4
2 5	6 4.68	+12 52.0	2.458	3.223	12.7	21.5

41308 1999 XA_{154} 12 28.5 145°.24 1°.5/28.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 53.79	+16 58.7	2.305	3.139	11.3	17.8
12 7	6 47.86	+17 21.3	2.232	3.142	8.2	17.6
12 17	6 40.15	+17 50.0	2.186	3.146	4.7	17.4
12 27	6 31.37	+18 23.1	2.168	3.149	1.6	17.2
1 6	6 22.42	+18 58.8	2.181	3.152	3.5	17.3
1 16	6 14.21	+19 35.3	2.224	3.154	6.9	17.5
1 26	6 7.56	+20 11.1	2.295	3.157	10.1	17.8
2 5	6 3.02	+20 45.5	2.389	3.160	12.9	17.9

265233 2004 DL_{25} 12 28.5 197°.89 2°.3/28.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 3.89	+20 39.8	1.921	2.751	13.3	19.9
12 7	6 55.25	+19 30.7	1.840	2.748	9.7	19.7
12 17	6 44.25	+18 19.6	1.785	2.744	5.7	19.4
12 27	6 31.90	+17 8.2	1.760	2.740	2.3	19.2
1 6	6 19.47	+15 59.4	1.768	2.734	4.7	19.3
1 16	6 8.20	+14 56.5	1.806	2.728	8.8	19.6
1 26	5 59.16	+14 2.5	1.872	2.722	12.6	19.8
2 5	5 52.94	+13 18.5	1.960	2.714	15.8	20.0

311710 2006 SH_{292} 12 28.5 59°.33 1°.3/28.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 57.45	+26 51.2	1.779	2.627	13.4	20.8
12 7	6 50.93	+26 55.3	1.712	2.630	9.7	20.6
12 17	6 41.98	+26 56.7	1.669	2.633	5.4	20.4
12 27	6 31.61	+26 52.8	1.655	2.637	1.5	20.1
1 6	6 21.13	+26 42.4	1.669	2.640	4.2	20.3
1 16	6 11.81	+26 26.0	1.711	2.643	8.5	20.6
1 26	6 4.77	+26 5.8	1.779	2.647	12.3	20.8
2 5	6 0.59	+25 44.2	1.869	2.650	15.5	21.0

180479 2004 CB_{63} 12 28.5 233°.30 7°.4/27.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 3.29	+43 34.9	2.071	2.882	13.2	20.4
12 7	6 55.44	+44 23.3	1.997	2.874	10.7	20.3
12 17	6 44.64	+44 57.1	1.947	2.867	8.5	20.1
12 27	6 31.99	+45 9.8	1.923	2.859	7.4	20.0
1 6	6 19.05	+44 57.8	1.927	2.851	8.2	20.1
1 16	6 7.44	+44 22.2	1.959	2.843	10.5	20.2
1 26	5 58.49	+43 28.2	2.015	2.835	13.1	20.3
2 5	5 52.95	+42 22.8	2.092	2.826	15.6	20.5

73691 1991 PB_3 12 28.5 96°.29 6°.5/28.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	7 2.76	+44 40.4	2.320	3.122	12.3	18.5
12 7	6 54.50	+44 54.7	2.255	3.128	9.9	18.4
12 17	6 43.83	+44 53.2	2.215	3.133	7.7	18.3
12 27	6 31.86	+44 31.7	2.202	3.139	6.5	18.2
1 6	6 20.00	+43 49.1	2.217	3.144	7.2	18.2
1 16	6 9.54	+42 47.8	2.261	3.149	9.1	18.4
1 26	6 1.51	+41 33.2	2.332	3.155	11.4	18.5
2 5	5 56.45	+40 11.6	2.425	3.160	13.6	18.7

213697 2002 TM_{270} 12 28.5 2°.26 1°.4/28.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 55.89	+20 21.3	1.677	2.527	14.0	19.9
12 7	6 49.88	+20 4.9	1.608	2.527	10.1	19.7
12 17	6 41.45	+19 51.3	1.563	2.527	5.7	19.4
12 27	6 31.58	+19 40.0	1.545	2.527	1.6	19.2
1 6	6 21.56	+19 30.7	1.555	2.527	4.3	19.4
1 16	6 12.65	+19 23.5	1.593	2.528	8.8	19.6
1 26	6 5.94	+19 18.8	1.657	2.528	12.8	19.9
2 5	6 2.07	+19 16.9	1.741	2.529	16.2	20.1

442361 2011 SD_{234} 12 28.5 29°.87 3°.5/28.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 58.58	+31 23.3	1.326	2.186	16.3	20.1
12 7	6 52.27	+31 29.6	1.277	2.198	11.9	19.9
12 17	6 42.86	+31 27.3	1.249	2.211	7.2	19.6
12 27	6 31.75	+31 12.5	1.247	2.225	3.6	19.5
1 6	6 20.74	+30 44.1	1.271	2.240	5.8	19.6
1 16	6 11.51	+30 4.7	1.321	2.255	10.3	19.9
1 26	6 5.29	+29 19.3	1.395	2.271	14.5	20.2
2 5	6 2.65	+28 32.6	1.488	2.288	18.0	20.5

89178 2001 UC_{64} 12 28.5 125°.43 1°.2/28.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 56.19	+20 45.9	1.947	2.790	12.7	19.6
12 7	6 49.79	+20 24.1	1.877	2.792	9.1	19.4
12 17	6 41.28	+20 3.8	1.832	2.794	5.2	19.2
12 27	6 31.56	+19 44.9	1.815	2.796	1.4	18.9
1 6	6 21.73	+19 27.3	1.827	2.798	3.9	19.1
1 16	6 12.91	+19 11.8	1.869	2.800	7.9	19.4
1 26	6 6.04	+18 58.9	1.937	2.802	11.6	19.6
2 5	6 1.69	+18 49.3	2.027	2.804	14.6	19.8

286278 2001 VG_{87} 12 28.5 272°.90 7°.6/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 53.58	+ 3 33.9	1.960	2.764	14.1	20.3
12 7	6 47.89	+ 2 34.5	1.888	2.761	11.5	20.1
12 17	6 40.25	+ 1 49.9	1.840	2.758	9.0	19.9
12 27	6 31.44	+ 1 23.8	1.818	2.755	7.7	19.8
1 6	6 22.44	+ 1 17.7	1.824	2.752	8.3	19.9
1 16	6 14.25	+ 1 31.2	1.856	2.748	10.5	20.0
1 26	6 7.80	+ 2 1.6	1.912	2.745	13.1	20.2
2 5	6 3.65	+ 2 44.6	1.990	2.742	15.7	20.3

160949 2002 AD_{99} 12 28.5 256°.07 3°.5/28.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 1.04	+32 16.0	1.835	2.674	13.5	20.0
12 7	6 53.82	+32 31.1	1.748	2.658	10.0	19.8
12 17	6 43.78	+32 38.9	1.685	2.642	6.3	19.5
12 27	6 31.92	+32 34.8	1.650	2.626	3.5	19.3
1 6	6 19.67	+32 16.7	1.645	2.609	5.4	19.4
1 16	6 8.54	+31 45.3	1.667	2.591	9.3	19.6
1 26	5 59.84	+31 4.3	1.716	2.574	13.2	19.8
2 5	5 54.34	+30 18.6	1.786	2.556	16.6	20.0

77174 2001 FW 12 28.5 249°.93 3°.4/28.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 2.10	+31 21.8	1.498	2.346	15.4	19.9
12 7	6 54.90	+31 31.7	1.424	2.340	11.4	19.6
12 17	6 44.46	+31 33.6	1.373	2.333	6.9	19.3
12 27	6 32.02	+31 22.9	1.349	2.327	3.5	19.1
1 6	6 19.29	+30 57.3	1.353	2.320	5.8	19.2
1 16	6 8.05	+30 18.7	1.383	2.313	10.3	19.5
1 26	5 59.73	+29 32.0	1.438	2.306	14.7	19.7
2 5	5 55.10	+28 42.7	1.514	2.299	18.4	20.0

186235 2001 XS_{102} 12 28.5 189°.05 3°.0/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 11.27	+33 17.9	1.210	2.057	18.5	19.9
12 7	7 1.77	+32 27.6	1.142	2.057	13.7	19.6
12 17	6 48.26	+31 19.7	1.096	2.056	8.2	19.3
12 27	6 32.50	+29 50.9	1.076	2.055	3.3	19.0
1 6	6 16.85	+28 4.4	1.084	2.054	6.1	19.2
1 16	6 3.55	+26 9.2	1.119	2.053	11.7	19.5
1 26	5 54.18	+24 16.5	1.179	2.051	16.9	19.8
2 5	5 49.31	+22 34.6	1.258	2.048	21.2	20.1

300351 2007 RH_{52} 12 28.5 71°.79 4°.8/28.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 56.88	+11 55.5	1.624	2.459	15.1	21.0
12 7	6 50.34	+11 20.2	1.573	2.478	11.4	20.9
12 17	6 41.58	+10 56.2	1.547	2.497	7.5	20.7
12 27	6 31.62	+10 44.8	1.547	2.516	4.9	20.6
1 6	6 21.71	+10 46.0	1.575	2.534	6.2	20.7
1 16	6 13.05	+10 58.7	1.630	2.553	9.6	20.9
1 26	6 6.59	+11 20.8	1.710	2.572	13.0	21.2
2 5	6 2.86	+11 49.3	1.811	2.590	16.0	21.4

434401 2005 GM_{93} 12 28.5 224°.06 1°.7/28.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	7 1.33	+26 58.4	1.649	2.494	14.4	21.9
12 7	6 54.11	+27 14.0	1.570	2.487	10.5	21.6
12 17	6 43.97	+27 27.2	1.516	2.479	6.0	21.3
12 27	6 31.98	+27 34.1	1.489	2.470	1.8	21.1
1 6	6 19.62	+27 32.2	1.491	2.461	4.8	21.2
1 16	6 8.45	+27 21.7	1.521	2.451	9.5	21.5
1 26	5 59.83	+27 4.9	1.576	2.441	13.8	21.7
2 5	5 54.54	+26 45.1	1.652	2.430	17.4	21.9

381029 2006 UO_{329} 12 28.5 9°.78 1°.1/28.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 54.21	+23 8.2	0.996	1.877	18.7	20.2
12 7	6 49.90	+23 48.2	0.945	1.879	13.5	19.9
12 17	6 41.94	+24 33.3	0.913	1.882	7.5	19.6
12 27	6 31.71	+25 17.5	0.904	1.887	1.4	19.3
1 6	6 21.21	+25 55.5	0.919	1.894	5.7	19.6
1 16	6 12.48	+26 24.2	0.957	1.901	11.7	19.9
1 26	6 7.13	+26 43.9	1.016	1.911	17.0	20.2
2 5	6 5.90	+26 56.3	1.093	1.921	21.2	20.5

17191 1999 XS_{107} 12 28.5 114°.99 3°.5/28.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 57.96	+15 4.2	1.920	2.751	13.3	19.5
12 7	6 50.90	+14 24.1	1.860	2.766	9.8	19.3
12 17	6 41.83	+13 50.2	1.826	2.780	6.1	19.1
12 27	6 31.67	+13 23.8	1.821	2.794	3.5	19.0
1 6	6 21.53	+13 5.5	1.845	2.808	5.0	19.1
1 16	6 12.48	+12 55.5	1.898	2.821	8.4	19.3
1 26	6 5.40	+12 53.4	1.977	2.833	11.8	19.6
2 5	6 0.81	+12 58.0	2.079	2.846	14.6	19.8

385706 2005 UB_{30} 12 28.5 52°.64 1°.1/28.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 59.65	+24 30.0	1.262	2.124	16.9	20.5
12 7	6 53.01	+24 55.7	1.218	2.143	12.1	20.3
12 17	6 43.28	+25 21.8	1.196	2.162	6.6	20.1
12 27	6 31.86	+25 43.9	1.200	2.182	1.4	19.8
1 6	6 20.52	+25 58.9	1.230	2.202	5.0	20.1
1 16	6 10.92	+26 6.2	1.286	2.223	10.2	20.4
1 26	6 4.34	+26 7.7	1.365	2.244	14.6	20.8
2 5	6 1.34	+26 5.6	1.464	2.264	18.2	21.0

407146 2009 TK_{32} 12 28.5 15°.28 3°.1/28.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 51.60	+16 38.5	1.335	2.198	16.0	19.4
12 7	6 47.07	+16 20.7	1.285	2.208	11.7	19.2
12 17	6 39.98	+16 11.7	1.257	2.220	7.0	18.9
12 27	6 31.45	+16 11.7	1.254	2.233	3.2	18.8
1 6	6 22.89	+16 19.7	1.277	2.247	5.3	18.9
1 16	6 15.66	+16 34.3	1.325	2.263	9.8	19.2
1 26	6 10.85	+16 54.0	1.397	2.281	13.9	19.5
2 5	6 9.05	+17 16.7	1.488	2.300	17.4	19.8

416387 2003 UL_{28} 12 28.5 77°.89 0°.7/28.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 54.57	+20 52.0	2.194	3.034	11.5	21.0
12 7	6 48.39	+20 51.2	2.135	3.049	8.2	20.8
12 17	6 40.44	+20 52.6	2.102	3.065	4.6	20.6
12 27	6 31.50	+20 55.2	2.098	3.081	1.0	20.4
1 6	6 22.56	+20 58.0	2.125	3.096	3.3	20.6
1 16	6 14.53	+21 0.7	2.180	3.112	6.9	20.9
1 26	6 8.23	+21 3.4	2.263	3.127	10.2	21.1
2 5	6 4.13	+21 6.4	2.369	3.143	12.9	21.3

456185 2006 HG_{70} 12 28.5 225°.17 1°.0/28.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 54.30	+25 38.5	2.603	3.439	10.0	21.7
12 7	6 48.23	+25 58.6	2.519	3.432	7.2	21.5
12 17	6 40.40	+26 18.2	2.462	3.424	4.0	21.3
12 27	6 31.51	+26 35.0	2.434	3.416	1.1	21.1
1 6	6 22.40	+26 47.5	2.438	3.408	3.2	21.2
1 16	6 13.96	+26 55.0	2.472	3.400	6.5	21.4
1 26	6 6.98	+26 58.1	2.534	3.391	9.5	21.6
2 5	6 2.05	+26 57.7	2.620	3.382	12.1	21.8

364786 2008 AS_{30} 12 28.5 350°.74 5°.0/28.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 54.67	+32 50.6	1.243	2.111	16.7	20.7
12 7	6 50.09	+33 24.4	1.177	2.101	12.5	20.4
12 17	6 42.03	+33 49.9	1.133	2.093	8.0	20.1
12 27	6 31.75	+34 0.4	1.112	2.086	5.1	20.0
1 6	6 21.10	+33 52.2	1.115	2.080	7.2	20.1
1 16	6 12.01	+33 26.0	1.143	2.076	11.6	20.3
1 26	6 6.07	+32 46.6	1.193	2.074	16.1	20.5
2 5	6 4.08	+32 0.1	1.262	2.073	20.0	20.8

323338 2003 UW_{212} 12 28.5 110°.21 4°.8/27.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 59.25	+38 31.3	2.664	3.480	10.5	20.4
12 7	6 51.78	+39 24.8	2.611	3.500	8.1	20.3
12 17	6 42.34	+40 9.2	2.585	3.519	5.9	20.2
12 27	6 31.77	+40 40.2	2.588	3.538	4.8	20.1
1 6	6 21.11	+40 55.4	2.621	3.557	5.6	20.2
1 16	6 11.41	+40 55.3	2.683	3.575	7.7	20.4
1 26	6 3.56	+40 42.1	2.772	3.593	9.9	20.5
2 5	5 58.11	+40 19.7	2.883	3.610	11.9	20.7

70430 1999 TM_2 12 28.5 19°.20 0°.6/28.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 55.70	+18 7.5	1.320	2.180	16.4	18.5
12 7	6 50.31	+19 10.9	1.261	2.185	11.8	18.2
12 17	6 41.96	+20 25.6	1.225	2.191	6.6	17.9
12 27	6 31.75	+21 46.3	1.215	2.198	1.1	17.6
1 6	6 21.23	+23 6.2	1.232	2.205	4.8	17.9
1 16	6 12.01	+24 19.9	1.275	2.214	10.0	18.2
1 26	6 5.47	+25 24.3	1.343	2.223	14.6	18.5
2 5	6 2.37	+26 19.0	1.430	2.233	18.4	18.8

118583 2000 GU_{54} 12 28.5 235°.01 3°.7/28.0 18

11 27	7 1.09	+31 19.8	1.746	2.588	13.9	20.5
12 7	6 53.98	+31 58.5	1.667	2.579	10.3	20.2
12 17	6 43.95	+32 32.2	1.612	2.570	6.4	20.0
12 27	6 32.02	+32 55.2	1.585	2.560	3.7	19.8
1 6	6 19.67	+33 3.7	1.587	2.549	5.7	19.9
1 16	6 8.46	+32 57.4	1.616	2.539	9.7	20.1
1 26	5 59.78	+32 39.3	1.671	2.528	13.6	20.3
2 5	5 54.42	+32 13.7	1.747	2.516	16.9	20.5

379052 2008 WT_{45} 12 28.5 233°.25 1°.1/28.6 18

11 27	6 53.11	+20 16.8	2.497	3.333	10.4	20.9
12 7	6 47.31	+20 3.2	2.418	3.330	7.5	20.7
12 17	6 39.86	+19 51.4	2.365	3.327	4.3	20.5
12 27	6 31.45	+19 40.9	2.342	3.324	1.2	20.2
1 6	6 22.91	+19 31.7	2.349	3.320	3.2	20.4
1 16	6 15.08	+19 23.8	2.387	3.317	6.5	20.6
1 26	6 8.71	+19 17.5	2.452	3.313	9.6	20.8
2 5	6 4.32	+19 13.0	2.541	3.310	12.2	21.0

103743 2000 CS_{112} 12 28.5 251°.90 3°.4/28.3 18

11 27	6 59.71	+32 33.0	1.872	2.712	13.2	19.2
12 7	6 52.71	+32 43.8	1.795	2.705	9.8	19.0
12 17	6 43.09	+32 46.9	1.742	2.699	6.1	18.7
12 27	6 31.89	+32 38.4	1.717	2.692	3.5	18.6
1 6	6 20.47	+32 16.6	1.721	2.685	5.2	18.7
1 16	6 10.23	+31 42.8	1.753	2.678	8.9	18.9
1 26	6 2.35	+31 0.6	1.812	2.670	12.6	19.1
2 5	5 57.50	+30 14.6	1.892	2.663	15.7	19.3

161362 2003 SC_{182} 12 28.5 46°.85 10°.3/30.6 18

11 27	6 54.50	− 0 47.4	1.461	2.266	18.1	19.2
12 7	6 48.83	− 1 37.0	1.417	2.283	15.0	19.1
12 17	6 40.83	− 2 0.8	1.393	2.301	12.1	19.0
12 27	6 31.58	− 1 55.2	1.393	2.320	10.4	18.9
1 6	6 22.34	− 1 20.3	1.416	2.339	10.7	19.0
1 16	6 14.34	− 0 20.3	1.465	2.358	12.7	19.1
1 26	6 8.60	+ 0 58.1	1.536	2.378	15.3	19.4
2 5	6 5.65	+ 2 27.1	1.627	2.398	17.9	19.6

7115 Franciscuszeno 12 28.5 0°.38 1°.7/28.4 18

11 27	6 54.29	+27 41.9	1.827	2.679	12.9	17.8
12 7	6 48.73	+27 48.9	1.758	2.677	9.3	17.6
12 17	6 40.86	+27 52.8	1.713	2.676	5.3	17.3
12 27	6 31.62	+27 51.1	1.695	2.676	1.8	17.1
1 6	6 22.22	+27 42.4	1.706	2.677	4.2	17.3
1 16	6 13.88	+27 27.3	1.745	2.678	8.3	17.5
1 26	6 7.66	+27 7.4	1.809	2.679	12.0	17.8
2 5	6 4.17	+26 45.4	1.895	2.682	15.1	18.0

445612 2011 SM_{138} 12 28.5 102°.04 1°.2/28.7 15

11 27	6 57.57	+19 42.0	1.818	2.661	13.4	22.2
12 7	6 50.85	+19 42.9	1.759	2.674	9.7	22.0
12 17	6 41.93	+19 47.7	1.725	2.687	5.4	21.8
12 27	6 31.76	+19 55.0	1.718	2.700	1.4	21.5
1 6	6 21.55	+20 3.5	1.741	2.713	4.0	21.7
1 16	6 12.46	+20 12.4	1.793	2.725	8.1	22.0
1 26	6 5.47	+20 21.7	1.871	2.738	11.8	22.3
2 5	6 1.16	+20 31.4	1.971	2.750	14.9	22.5

357460 2004 EA_{40} 12 28.5 270°.48 7°.5/27.2 18

11 27	7 2.60	+42 30.2	2.020	2.835	13.3	20.7
12 7	6 55.26	+43 31.7	1.935	2.817	10.8	20.5
12 17	6 44.78	+44 20.9	1.874	2.797	8.5	20.3
12 27	6 32.18	+44 49.9	1.840	2.778	7.5	20.2
1 6	6 19.01	+44 54.2	1.833	2.758	8.5	20.2
1 16	6 6.96	+44 33.3	1.853	2.738	10.9	20.3
1 26	5 57.54	+43 51.9	1.897	2.718	13.8	20.5
2 5	5 51.64	+42 56.7	1.962	2.697	16.4	20.6

84653 2002 VS_{68} 12 28.5 96°.87 2°.7/29.2 18

11 27	6 56.85	+13 19.7	1.961	2.789	13.2	19.1
12 7	6 50.18	+13 47.4	1.903	2.808	9.7	18.9
12 17	6 41.52	+14 25.2	1.871	2.826	5.9	18.7
12 27	6 31.72	+15 11.1	1.868	2.844	2.9	18.5
1 6	6 21.85	+16 2.4	1.895	2.862	4.3	18.7
1 16	6 12.96	+16 56.1	1.951	2.880	7.8	18.9
1 26	6 5.96	+17 49.7	2.034	2.897	11.2	19.1
2 5	6 1.40	+18 41.4	2.141	2.914	14.1	19.4

513885 2013 PE_{42} 12 28.5 29°.05 1°.3/28.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 59.93	+26 6.8	1.131	1.999	18.0	21.6
12 7	6 53.70	+26 5.7	1.076	2.003	13.0	21.3
12 17	6 43.92	+26 2.1	1.042	2.009	7.3	21.0
12 27	6 32.05	+25 52.4	1.032	2.014	1.6	20.7
1 6	6 20.07	+25 35.2	1.047	2.021	5.5	21.0
1 16	6 9.95	+25 12.1	1.088	2.028	11.2	21.3
1 26	6 3.18	+24 46.4	1.150	2.035	16.2	21.6
2 5	6 0.42	+24 21.4	1.231	2.043	20.3	21.9

517176 2013 PW_{77} 12 28.5 354°.04 2°.4/28.4 16

11 27	6 55.68	+30 36.9	2.146	2.987	11.7	21.0
12 7	6 49.48	+30 43.4	2.073	2.986	8.5	20.8
12 17	6 41.19	+30 44.5	2.026	2.985	5.1	20.6
12 27	6 31.68	+30 37.8	2.007	2.985	2.5	20.5
1 6	6 22.04	+30 22.0	2.017	2.984	4.2	20.6
1 16	6 13.38	+29 58.0	2.057	2.984	7.6	20.8
1 26	6 6.64	+29 28.1	2.123	2.984	10.9	21.0
2 5	6 2.40	+28 55.1	2.212	2.984	13.7	21.2

203963 2003 SV_{131} 12 28.5 207°.73 1°.2/28.6 18

11 27	6 56.97	+19 48.0	1.906	2.747	12.9	21.2
12 7	6 50.52	+19 47.5	1.830	2.744	9.4	20.9
12 17	6 41.83	+19 50.7	1.778	2.741	5.3	20.7
12 27	6 31.77	+19 56.2	1.755	2.737	1.4	20.4
1 6	6 21.48	+20 3.0	1.762	2.734	3.9	20.6
1 16	6 12.12	+20 10.4	1.798	2.730	8.1	20.8
1 26	6 4.75	+20 18.3	1.859	2.725	11.9	21.0
2 5	6 0.01	+20 26.9	1.943	2.721	15.2	21.3

427203 2014 VY_{32} 12 28.5 138°.29 1°.9/27.9 18

11 27	6 55.82	+28 8.4	2.818	3.649	9.5	21.4
12 7	6 49.19	+28 55.8	2.751	3.660	6.9	21.2
12 17	6 40.92	+29 41.3	2.712	3.671	4.0	21.1
12 27	6 31.66	+30 21.9	2.704	3.682	1.9	20.9
1 6	6 22.25	+30 55.2	2.727	3.692	3.5	21.1
1 16	6 13.52	+31 20.1	2.782	3.701	6.2	21.2
1 26	6 6.24	+31 37.1	2.864	3.710	8.9	21.4
2 5	6 0.93	+31 47.6	2.971	3.719	11.1	21.6

275264 Krisztike 12 28.5 234°.83 0°.6/28.7 18

11 27	6 53.18	+19 51.3	2.458	3.295	10.6	20.6
12 7	6 47.47	+20 15.4	2.378	3.291	7.6	20.4
12 17	6 40.04	+20 43.4	2.324	3.287	4.3	20.2
12 27	6 31.55	+21 13.4	2.300	3.283	0.8	19.9
1 6	6 22.83	+21 43.7	2.307	3.279	3.1	20.1
1 16	6 14.78	+22 12.7	2.344	3.275	6.6	20.3
1 26	6 8.18	+22 39.7	2.408	3.270	9.7	20.5
2 5	6 3.60	+23 4.5	2.496	3.266	12.4	20.7

11451 Aarongolden 12 28.5 214°.10 0°.7/28.4 18

11 27	6 55.54	+24 54.2	2.239	3.079	11.3	18.7
12 7	6 49.30	+25 5.1	2.161	3.076	8.1	18.5
12 17	6 41.09	+25 15.6	2.109	3.073	4.5	18.3
12 27	6 31.69	+25 23.5	2.087	3.069	0.9	18.0
1 6	6 22.10	+25 27.4	2.094	3.066	3.4	18.2
1 16	6 13.33	+25 27.1	2.132	3.062	7.2	18.4
1 26	6 6.30	+25 23.3	2.196	3.058	10.5	18.6
2 5	6 1.59	+25 17.3	2.283	3.054	13.4	18.8

10971 van Dishoeck 12 28.5 217°.17 0°.9/28.6 18

11 27	6 58.05	+20 38.7	1.969	2.807	12.7	19.4
12 7	6 51.31	+20 39.7	1.887	2.800	9.2	19.1
12 17	6 42.29	+20 43.4	1.830	2.793	5.2	18.9
12 27	6 31.86	+20 48.4	1.802	2.785	1.1	18.6
1 6	6 21.14	+20 53.5	1.804	2.776	3.8	18.8
1 16	6 11.32	+20 58.1	1.836	2.767	8.1	19.0
1 26	6 3.45	+21 2.5	1.894	2.757	11.9	19.2
2 5	5 58.20	+21 7.2	1.974	2.747	15.1	19.4

97511 2000 CH_{118} 12 28.5 33°.13 0°.5/28.6 17

11 27	6 54.26	+21 23.9	1.780	2.631	13.3	19.6
12 7	6 48.59	+21 31.3	1.722	2.641	9.5	19.4
12 17	6 40.74	+21 41.5	1.687	2.652	5.3	19.2
12 27	6 31.64	+21 52.7	1.680	2.663	0.9	18.9
1 6	6 22.47	+22 3.5	1.702	2.674	3.8	19.1
1 16	6 14.38	+22 13.0	1.751	2.686	8.0	19.4
1 26	6 8.34	+22 21.3	1.826	2.699	11.8	19.7
2 5	6 4.92	+22 28.6	1.923	2.712	14.9	19.9

434625 2005 VA_{31} 12 28.5 100°.37 2°.0/28.7 16

11 27	6 58.96	+18 36.0	1.580	2.426	14.9	21.8
12 7	6 52.09	+18 21.8	1.522	2.437	10.8	21.6
12 17	6 42.71	+18 12.7	1.487	2.449	6.2	21.4
12 27	6 31.91	+18 8.1	1.480	2.460	2.2	21.2
1 6	6 21.07	+18 7.1	1.501	2.471	4.7	21.3
1 16	6 11.53	+18 9.5	1.550	2.482	9.1	21.6
1 26	6 4.39	+18 15.0	1.624	2.493	13.2	21.9
2 5	6 0.25	+18 23.3	1.719	2.504	16.5	22.2

523383 2017 DE_{23} 12 28.5 195°.46 1°.7/28.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 55.42	+18 12.8	1.942	2.783	12.8	22.0
12 7	6 49.35	+18 11.6	1.869	2.782	9.3	21.8
12 17	6 41.18	+18 15.4	1.821	2.782	5.4	21.6
12 27	6 31.72	+18 23.3	1.801	2.781	1.9	21.3
1 6	6 22.07	+18 34.3	1.810	2.781	4.0	21.5
1 16	6 13.33	+18 47.3	1.848	2.780	8.0	21.7
1 26	6 6.47	+19 2.0	1.912	2.779	11.6	21.9
2 5	6 2.11	+19 17.7	1.999	2.778	14.7	22.1

443668 2015 HX 12 28.5 160°.98 0°.0/28.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 0.71	+21 51.7	2.095	2.927	12.3	22.4
12 7	6 53.01	+22 18.1	2.025	2.936	8.8	22.2
12 17	6 43.15	+22 46.7	1.982	2.944	4.9	21.9
12 27	6 31.98	+23 14.8	1.969	2.952	0.6	21.6
1 6	6 20.65	+23 39.9	1.986	2.958	3.6	21.9
1 16	6 10.29	+24 0.7	2.034	2.963	7.6	22.1
1 26	6 1.89	+24 17.5	2.110	2.967	11.1	22.4
2 5	5 56.07	+24 31.1	2.209	2.970	14.1	22.6

454798 2015 QU_{10} 12 28.5 69°.38 3°.3/29.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 56.72	+13 12.8	1.759	2.593	14.2	21.2
12 7	6 50.16	+13 23.3	1.712	2.618	10.4	21.0
12 17	6 41.52	+13 44.3	1.689	2.643	6.5	20.8
12 27	6 31.75	+14 14.5	1.693	2.668	3.4	20.7
1 6	6 22.04	+14 51.6	1.727	2.693	4.8	20.8
1 16	6 13.47	+15 33.2	1.789	2.718	8.4	21.1
1 26	6 6.98	+16 16.8	1.877	2.743	11.9	21.4
2 5	6 3.07	+17 0.3	1.988	2.767	14.8	21.6

39844 1998 BA_{30} 12 28.5 116°.45 1°.6/28.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 4.07	+27 13.3	1.622	2.464	14.8	19.3
12 7	6 55.73	+27 23.8	1.568	2.483	10.6	19.1
12 17	6 44.69	+27 30.7	1.540	2.502	6.0	18.9
12 27	6 32.18	+27 30.3	1.539	2.520	1.8	18.7
1 6	6 19.76	+27 21.3	1.567	2.537	4.6	18.9
1 16	6 8.89	+27 4.7	1.624	2.554	9.0	19.2
1 26	6 0.72	+26 43.3	1.707	2.570	13.0	19.5
2 5	5 55.82	+26 20.6	1.811	2.585	16.2	19.7

375309 2008 RJ_{17} 12 28.5 196°.38 4°.2/27.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 58.17	+37 42.3	2.767	3.585	10.1	22.1
12 7	6 51.04	+38 9.2	2.690	3.582	7.7	22.0
12 17	6 42.01	+38 27.6	2.639	3.579	5.4	21.8
12 27	6 31.84	+38 34.1	2.618	3.576	4.2	21.7
1 6	6 21.52	+38 27.1	2.626	3.572	5.1	21.8
1 16	6 12.04	+38 6.9	2.665	3.567	7.3	21.9
1 26	6 4.27	+37 36.1	2.731	3.562	9.7	22.1
2 5	5 58.78	+36 58.2	2.820	3.557	11.9	22.2

269362 2008 UZ_{334} 12 28.5 188°.55 0°.9/28.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 53.28	+20 25.7	2.772	3.604	9.6	20.9
12 7	6 47.32	+20 17.1	2.693	3.603	6.9	20.7
12 17	6 39.87	+20 10.1	2.641	3.602	3.9	20.6
12 27	6 31.55	+20 4.1	2.619	3.601	1.0	20.3
1 6	6 23.13	+19 58.9	2.628	3.599	2.9	20.5
1 16	6 15.34	+19 54.3	2.668	3.597	6.0	20.7
1 26	6 8.88	+19 50.7	2.736	3.595	8.8	20.9
2 5	6 4.23	+19 48.1	2.829	3.592	11.2	21.0

244665 2003 HX_{57} 12 28.5 163°.58 0°.0/28.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 58.69	+21 34.3	2.014	2.851	12.5	20.5
12 7	6 51.68	+22 2.3	1.943	2.857	9.0	20.3
12 17	6 42.46	+22 33.2	1.898	2.861	5.0	20.1
12 27	6 31.91	+23 4.4	1.882	2.866	0.7	19.8
1 6	6 21.15	+23 33.0	1.897	2.869	3.7	20.0
1 16	6 11.34	+23 57.8	1.942	2.872	7.8	20.3
1 26	6 3.49	+24 18.5	2.013	2.874	11.4	20.5
2 5	5 58.24	+24 35.7	2.107	2.876	14.4	20.7

32893 van der Waals 12 28.5 22°.02 8°.4/30.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 53.30	+ 0 21.7	1.659	2.462	16.3	17.3
12 7	6 48.00	+ 0 16.5	1.596	2.466	13.4	17.2
12 17	6 40.48	+ 0 34.8	1.554	2.471	10.5	17.0
12 27	6 31.65	+ 1 18.7	1.537	2.476	8.6	16.9
1 6	6 22.64	+ 2 26.4	1.546	2.482	8.9	16.9
1 16	6 14.60	+ 3 53.4	1.582	2.488	11.1	17.1
1 26	6 8.54	+ 5 33.1	1.642	2.495	14.0	17.3
2 5	6 5.08	+ 7 18.5	1.724	2.502	16.8	17.5

356144 2009 FK_{73} 12 28.5 337°.98 2°.4/28.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 56.01	+26 43.5	1.454	2.314	15.1	20.7
12 7	6 50.65	+27 26.9	1.382	2.306	11.0	20.4
12 17	6 42.27	+28 10.5	1.333	2.298	6.4	20.1
12 27	6 31.91	+28 49.1	1.310	2.290	2.5	19.9
1 6	6 21.12	+29 18.1	1.314	2.284	5.3	20.0
1 16	6 11.53	+29 35.7	1.344	2.278	10.1	20.3
1 26	6 4.57	+29 42.9	1.398	2.273	14.5	20.5
2 5	6 1.08	+29 42.6	1.472	2.268	18.3	20.8

295899 2008 WG_{85} 12 28.5 138°.09 1°.1/28.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 58.29	+20 36.4	1.887	2.728	13.1	21.2
12 7	6 51.37	+20 28.1	1.822	2.736	9.4	21.0
12 17	6 42.26	+20 22.3	1.781	2.744	5.3	20.8
12 27	6 31.89	+20 17.8	1.769	2.751	1.3	20.5
1 6	6 21.43	+20 14.0	1.786	2.758	3.9	20.7
1 16	6 12.06	+20 10.8	1.833	2.765	8.0	21.0
1 26	6 4.74	+20 8.7	1.906	2.771	11.8	21.2
2 5	6 0.07	+20 8.1	2.001	2.777	14.8	21.5

20700 1999 VG_{145} 12 28.5 72°.94 9°.6/27.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 6.26	+45 29.4	1.633	2.448	16.0	18.2
12 7	6 58.18	+46 45.3	1.585	2.461	13.1	18.0
12 17	6 46.41	+47 41.8	1.560	2.473	10.7	17.9
12 27	6 32.45	+48 9.5	1.559	2.486	9.6	17.9
1 6	6 18.40	+48 4.5	1.584	2.499	10.4	18.0
1 16	6 6.32	+47 29.1	1.634	2.511	12.6	18.1
1 26	5 57.76	+46 31.2	1.707	2.524	15.2	18.3
2 5	5 53.36	+45 20.1	1.798	2.537	17.6	18.5

454288 2014 JL_{2} 12 28.5 187°.76 1°.3/28.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 57.77	+25 23.8	2.590	3.420	10.3	22.1
12 7	6 50.77	+26 9.3	2.509	3.419	7.4	21.9
12 17	6 41.90	+26 55.2	2.457	3.418	4.2	21.7
12 27	6 31.86	+27 38.0	2.435	3.416	1.4	21.5
1 6	6 21.54	+28 15.2	2.445	3.413	3.4	21.6
1 16	6 11.90	+28 45.2	2.486	3.410	6.7	21.8
1 26	6 3.81	+29 7.9	2.556	3.406	9.7	22.0
2 5	5 57.86	+29 24.6	2.650	3.401	12.2	22.2

479639 2014 DA_{47} 12 28.5 1°.48 1°.7/28.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 55.24	+19 49.3	1.207	2.074	17.1	20.9
12 7	6 50.18	+19 41.2	1.145	2.072	12.4	20.6
12 17	6 42.00	+19 38.8	1.105	2.071	7.1	20.3
12 27	6 31.88	+19 41.0	1.089	2.071	2.0	20.0
1 6	6 21.51	+19 46.6	1.099	2.072	5.2	20.2
1 16	6 12.59	+19 54.4	1.133	2.074	10.7	20.5
1 26	6 6.52	+20 4.3	1.190	2.077	15.6	20.8
2 5	6 4.05	+20 15.8	1.266	2.081	19.7	21.1

442422 2011 UU_{125} 12 28.5 150°.05 7°.2/27.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 4.36	+42 48.4	2.035	2.846	13.4	20.6
12 7	6 56.19	+43 43.6	1.973	2.852	10.7	20.4
12 17	6 45.11	+44 24.3	1.936	2.858	8.4	20.3
12 27	6 32.29	+44 43.9	1.926	2.863	7.2	20.2
1 6	6 19.30	+44 39.1	1.943	2.868	8.1	20.3
1 16	6 7.73	+44 11.2	1.988	2.873	10.3	20.4
1 26	5 58.87	+43 25.4	2.058	2.877	12.9	20.6
2 5	5 53.40	+42 28.6	2.149	2.881	15.2	20.8

153494 2001 RF_{107} 12 28.5 44°.71 5°.6/27.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 1.22	+33 29.6	1.276	2.134	17.0	20.0
12 7	6 54.57	+34 24.9	1.229	2.146	12.7	19.8
12 17	6 44.40	+35 10.6	1.203	2.159	8.3	19.5
12 27	6 32.19	+35 38.9	1.203	2.173	5.6	19.4
1 6	6 19.93	+35 45.6	1.228	2.187	7.5	19.6
1 16	6 9.55	+35 31.8	1.278	2.202	11.5	19.9
1 26	6 2.53	+35 2.8	1.350	2.217	15.5	20.1
2 5	5 59.48	+34 25.4	1.442	2.232	18.9	20.4

333050 2011 SA_{174} 12 28.5 39°.91 7°.5/29.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 54.41	+ 5 11.6	1.623	2.443	15.8	20.8
12 7	6 48.80	+ 4 30.9	1.562	2.448	12.6	20.6
12 17	6 40.93	+ 4 7.8	1.523	2.454	9.5	20.4
12 27	6 31.73	+ 4 5.2	1.509	2.459	7.6	20.3
1 6	6 22.39	+ 4 23.3	1.522	2.465	8.3	20.3
1 16	6 14.10	+ 5 0.1	1.561	2.471	10.9	20.5
1 26	6 7.88	+ 5 51.5	1.624	2.477	14.1	20.7
2 5	6 4.33	+ 6 52.2	1.707	2.483	17.0	20.9

174307 2002 TY_{61} 12 28.5 26°.25 2°.5/28.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 58.80	+30 4.8	1.644	2.493	14.3	20.0
12 7	6 52.17	+30 4.9	1.579	2.496	10.4	19.7
12 17	6 42.85	+29 58.6	1.537	2.499	6.1	19.5
12 27	6 31.99	+29 42.8	1.523	2.502	2.6	19.3
1 6	6 21.04	+29 16.5	1.537	2.506	4.9	19.4
1 16	6 11.44	+28 41.5	1.578	2.510	9.1	19.7
1 26	6 4.38	+28 1.3	1.645	2.514	13.1	19.9
2 5	6 0.46	+27 20.0	1.733	2.518	16.4	20.2

244539 2002 UT_{35} 12 28.5 281°.84 7°.4/26.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 0.43	+44 10.1	2.394	3.199	11.8	19.8
12 7	6 53.39	+45 37.4	2.326	3.196	9.7	19.7
12 17	6 43.66	+46 53.0	2.284	3.193	8.0	19.6
12 27	6 32.14	+47 50.1	2.269	3.190	7.4	19.5
1 6	6 20.12	+48 24.1	2.282	3.186	8.2	19.6
1 16	6 9.02	+48 34.6	2.322	3.183	10.0	19.7
1 26	6 0.15	+48 24.6	2.386	3.180	12.1	19.8
2 5	5 54.31	+47 59.4	2.471	3.177	14.1	20.0

483190 2015 PJ_{165} 12 28.5 233°.12 1°.6/28.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 59.72	+26 22.7	1.786	2.630	13.5	21.6
12 7	6 52.87	+26 47.2	1.705	2.621	9.8	21.4
12 17	6 43.35	+27 10.7	1.648	2.611	5.6	21.1
12 27	6 32.10	+27 29.4	1.620	2.601	1.7	20.8
1 6	6 20.45	+27 40.5	1.621	2.591	4.5	21.0
1 16	6 9.84	+27 43.1	1.650	2.580	8.9	21.2
1 26	6 1.51	+27 38.9	1.705	2.569	13.0	21.5
2 5	5 56.23	+27 30.4	1.782	2.557	16.4	21.7

293958 2007 TS_{35} 12 28.5 42°.76 9°.0/29.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 54.44	+ 2 52.7	1.494	2.311	17.1	19.8
12 7	6 48.85	+ 1 58.5	1.444	2.324	13.9	19.6
12 17	6 40.95	+ 1 25.4	1.416	2.338	10.8	19.5
12 27	6 31.75	+ 1 17.3	1.411	2.351	9.1	19.4
1 6	6 22.51	+ 1 34.5	1.432	2.366	9.6	19.5
1 16	6 14.47	+ 2 14.5	1.478	2.381	12.0	19.7
1 26	6 8.63	+ 3 11.8	1.547	2.396	14.9	19.9
2 5	6 5.57	+ 4 20.1	1.635	2.411	17.6	20.1

520595 2014 OM_{387} 12 28.5 146°.24 2°.0/28.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 57.51	+28 7.9	2.115	2.955	11.9	21.5
12 7	6 50.83	+28 33.3	2.046	2.960	8.6	21.3
12 17	6 42.00	+28 55.9	2.003	2.964	5.0	21.1
12 27	6 31.90	+29 12.5	1.989	2.969	2.0	20.9
1 6	6 21.64	+29 21.1	2.005	2.973	4.1	21.0
1 16	6 12.36	+29 21.4	2.050	2.977	7.7	21.3
1 26	6 5.03	+29 14.8	2.122	2.981	11.0	21.5
2 5	6 0.25	+29 3.7	2.217	2.984	13.8	21.7

401187 2011 WS_{113} 12 28.5 70°.55 0°.5/28.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 57.25	+25 0.1	1.835	2.682	13.1	21.1
12 7	6 50.81	+24 56.9	1.766	2.683	9.4	20.9
12 17	6 42.05	+24 52.4	1.721	2.685	5.2	20.7
12 27	6 31.92	+24 44.8	1.704	2.687	0.9	20.3
1 6	6 21.65	+24 33.1	1.717	2.689	3.9	20.6
1 16	6 12.48	+24 17.9	1.757	2.691	8.2	20.8
1 26	6 5.46	+24 0.8	1.824	2.693	12.0	21.1
2 5	6 1.19	+23 43.6	1.913	2.695	15.2	21.3

324140 2005 YX_{89} 12 28.5 224°.05 1°.4/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 54.12	+17 6.7	2.353	3.185	11.1	21.4
12 7	6 48.24	+17 29.5	2.271	3.180	8.1	21.2
12 17	6 40.54	+17 58.3	2.215	3.175	4.7	20.9
12 27	6 31.72	+18 31.8	2.189	3.170	1.6	20.7
1 6	6 22.65	+19 7.9	2.193	3.164	3.4	20.8
1 16	6 14.24	+19 44.8	2.228	3.158	6.9	21.1
1 26	6 7.35	+20 21.1	2.290	3.152	10.2	21.2
2 5	6 2.54	+20 56.0	2.376	3.146	12.9	21.4

175062 2004 GJ 12 28.5 250°.91 1°.8/29.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 55.78	+15 44.7	2.088	2.921	12.3	19.9
12 7	6 49.69	+16 16.7	2.000	2.909	9.1	19.6
12 17	6 41.47	+16 57.5	1.938	2.897	5.4	19.4
12 27	6 31.86	+17 45.4	1.905	2.885	2.0	19.1
1 6	6 21.86	+18 37.5	1.902	2.872	3.9	19.2
1 16	6 12.54	+19 30.9	1.928	2.859	7.8	19.5
1 26	6 4.92	+20 23.5	1.983	2.846	11.4	19.7
2 5	5 59.69	+21 13.7	2.060	2.833	14.6	19.8

212173 2005 GQ_{53} 12 28.5 311°.55 7°.7/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 54.03	+ 6 7.3	1.618	2.443	15.7	19.9
12 7	6 48.72	+ 5 9.7	1.542	2.431	12.6	19.7
12 17	6 41.02	+ 4 27.0	1.488	2.420	9.6	19.5
12 27	6 31.80	+ 4 3.4	1.460	2.409	7.8	19.4
1 6	6 22.25	+ 4 1.1	1.457	2.399	8.6	19.4
1 16	6 13.62	+ 4 19.4	1.480	2.389	11.5	19.5
1 26	6 7.03	+ 4 55.4	1.526	2.379	14.9	19.7
2 5	6 3.19	+ 5 44.2	1.593	2.369	18.0	19.9

385599 2005 EN_{84} 12 28.5 337°.55 8°.9/27.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 0.90	+46 22.6	1.833	2.646	14.6	20.1
12 7	6 54.22	+47 9.5	1.762	2.635	12.1	20.0
12 17	6 44.24	+47 38.6	1.713	2.625	10.0	19.8
12 27	6 32.23	+47 42.2	1.688	2.615	8.9	19.7
1 6	6 19.95	+47 16.8	1.690	2.606	9.7	19.8
1 16	6 9.21	+46 24.1	1.716	2.598	11.8	19.9
1 26	6 1.47	+45 10.5	1.766	2.591	14.4	20.0
2 5	5 57.45	+43 44.3	1.836	2.584	17.0	20.2

354458 2004 BY_{61} 12 28.5 58°.63 3°.9/29.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 56.51	+10 36.9	1.598	2.432	15.4	20.1
12 7	6 50.34	+11 10.5	1.543	2.447	11.5	19.9
12 17	6 41.81	+11 59.5	1.511	2.463	7.4	19.7
12 27	6 31.90	+13 1.9	1.506	2.479	4.1	19.5
1 6	6 21.88	+14 13.7	1.529	2.495	5.3	19.6
1 16	6 13.01	+15 30.0	1.580	2.512	9.1	19.9
1 26	6 6.34	+16 46.4	1.658	2.528	12.9	20.2
2 5	6 2.48	+17 59.6	1.757	2.544	16.1	20.4

232587 2003 TK_{38} 12 28.5 220°.18 3°.9/28.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 53.35	+12 24.6	2.295	3.120	11.6	20.7
12 7	6 47.59	+11 48.6	2.219	3.118	8.8	20.5
12 17	6 40.13	+11 19.6	2.169	3.117	5.9	20.3
12 27	6 31.67	+10 59.0	2.148	3.115	3.9	20.2
1 6	6 23.08	+10 47.5	2.156	3.114	4.9	20.3
1 16	6 15.23	+10 44.9	2.193	3.112	7.7	20.4
1 26	6 8.89	+10 50.6	2.257	3.110	10.7	20.6
2 5	6 4.59	+11 3.0	2.344	3.108	13.3	20.8

89232 2001 UP_{141} 12 28.5 228°.11 1°.3/28.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 59.71	+25 43.8	1.826	2.669	13.3	19.9
12 7	6 52.82	+26 7.3	1.745	2.660	9.7	19.7
12 17	6 43.31	+26 30.3	1.688	2.651	5.5	19.4
12 27	6 32.13	+26 49.3	1.660	2.641	1.5	19.1
1 6	6 20.56	+27 1.6	1.660	2.631	4.3	19.3
1 16	6 9.98	+27 6.3	1.690	2.620	8.7	19.5
1 26	6 1.64	+27 4.7	1.746	2.609	12.7	19.7
2 5	5 56.27	+26 59.0	1.823	2.597	16.1	19.9

324724 2007 ES_{147} 12 28.5 36°.22 0°.4/28.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 55.24	+23 19.2	1.948	2.794	12.5	20.9
12 7	6 49.31	+23 38.5	1.879	2.797	9.0	20.7
12 17	6 41.22	+23 59.3	1.835	2.800	5.0	20.5
12 27	6 31.83	+24 19.0	1.820	2.803	0.8	20.2
1 6	6 22.26	+24 35.6	1.833	2.806	3.7	20.4
1 16	6 13.64	+24 48.1	1.876	2.809	7.8	20.7
1 26	6 6.96	+24 56.8	1.944	2.812	11.4	20.9
2 5	6 2.83	+25 2.7	2.035	2.815	14.5	21.1

306838 2001 SU_{28} 12 28.5 10°.40 1°.3/28.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 52.83	+25 6.9	1.177	2.052	16.9	19.7
12 7	6 48.53	+25 27.0	1.125	2.057	12.1	19.5
12 17	6 41.10	+25 47.4	1.095	2.063	6.8	19.2
12 27	6 31.82	+26 4.2	1.088	2.071	1.6	18.9
1 6	6 22.41	+26 14.6	1.107	2.080	5.1	19.1
1 16	6 14.57	+26 17.9	1.150	2.092	10.5	19.5
1 26	6 9.63	+26 15.6	1.215	2.105	15.1	19.8
2 5	6 8.24	+26 9.5	1.299	2.119	19.0	20.1

119425 2001 TA_{107} 12 28.5 39°.52 5°.8/28.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 58.61	+14 23.0	1.112	1.971	18.8	18.1
12 7	6 52.17	+13 5.7	1.077	1.995	14.0	17.9
12 17	6 42.82	+12 0.4	1.062	2.019	9.1	17.7
12 27	6 32.02	+11 11.1	1.072	2.044	5.9	17.6
1 6	6 21.53	+10 40.2	1.107	2.070	7.6	17.7
1 16	6 12.90	+10 27.5	1.167	2.097	11.8	18.1
1 26	6 7.25	+10 30.6	1.248	2.124	15.9	18.4
2 5	6 5.02	+10 45.4	1.348	2.152	19.3	18.7

64385 2001 UM_{136} 12 28.5 58°.55 1°.0/28.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 56.41	+24 46.0	1.835	2.683	13.1	19.1
12 7	6 50.23	+25 8.3	1.772	2.690	9.4	18.9
12 17	6 41.75	+25 30.7	1.732	2.697	5.2	18.7
12 27	6 31.91	+25 50.3	1.721	2.704	1.1	18.4
1 6	6 21.92	+26 4.8	1.739	2.711	4.0	18.6
1 16	6 13.02	+26 13.5	1.785	2.718	8.1	18.9
1 26	6 6.22	+26 17.1	1.858	2.725	11.9	19.1
2 5	6 2.15	+26 17.3	1.952	2.733	15.0	19.4

425239 2009 WS_{17} 12 28.5 146°.05 5°.0/28.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 53.27	+ 8 22.4	2.332	3.145	11.9	21.8
12 7	6 47.47	+ 7 42.9	2.262	3.148	9.2	21.7
12 17	6 40.04	+ 7 13.3	2.217	3.152	6.7	21.5
12 27	6 31.67	+ 6 55.5	2.200	3.155	5.1	21.4
1 6	6 23.20	+ 6 50.0	2.212	3.158	5.8	21.5
1 16	6 15.45	+ 6 56.4	2.253	3.161	8.1	21.6
1 26	6 9.18	+ 7 13.3	2.320	3.163	10.8	21.8
2 5	6 4.89	+ 7 38.2	2.410	3.166	13.2	22.0

115045 2003 RB_{1} 12 28.5 318°.10 4°.6/27.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 58.63	+30 8.1	1.534	2.387	14.9	18.0
12 7	6 52.71	+31 35.5	1.460	2.377	11.1	17.8
12 17	6 43.57	+33 2.3	1.409	2.368	7.0	17.5
12 27	6 32.20	+34 20.1	1.386	2.358	4.6	17.4
1 6	6 20.16	+35 21.5	1.390	2.349	6.8	17.5
1 16	6 9.22	+36 2.8	1.420	2.341	10.9	17.7
1 26	6 0.97	+36 25.4	1.475	2.333	15.0	17.9
2 5	5 56.39	+36 33.4	1.549	2.325	18.4	18.1

469422 2001 XY_{260} 12 28.5 296°.34 1°.0/28.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 56.82	+22 29.2	1.911	2.755	12.8	20.6
12 7	6 50.50	+21 50.7	1.826	2.743	9.3	20.3
12 17	6 41.91	+21 10.8	1.767	2.730	5.2	20.0
12 27	6 31.94	+20 29.8	1.736	2.718	1.2	19.7
1 6	6 21.75	+19 48.6	1.734	2.706	4.0	19.9
1 16	6 12.50	+19 9.1	1.761	2.694	8.3	20.2
1 26	6 5.26	+18 33.3	1.815	2.682	12.2	20.4
2 5	6 0.66	+18 2.7	1.891	2.670	15.5	20.6

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
410793 2009 HS_{31}			12 28.5 189°.23		4°.0/29.2 18	
	h m	° ′			°	m
11 27	6 54.92	+10 58.3	2.222	3.042	12.1	21.8
12 7	6 48.80	+10 45.4	2.146	3.042	9.2	21.6
12 17	6 40.85	+10 42.1	2.095	3.040	6.2	21.4
12 27	6 31.81	+10 48.7	2.072	3.039	4.1	21.3
1 6	6 22.59	+11 5.0	2.079	3.037	5.0	21.3
1 16	6 14.11	+11 29.6	2.115	3.035	7.9	21.5
1 26	6 7.22	+12 0.8	2.178	3.032	10.9	21.7
2 5	6 2.47	+12 36.4	2.264	3.029	13.7	21.9
14000 1993 FZ_{55}			12 28.5 122°.50		2°.2/28.9 18	
11 27	6 59.87	+16 17.3	1.871	2.703	13.6	18.3
12 7	6 52.45	+16 26.4	1.814	2.721	9.9	18.1
12 17	6 42.87	+16 42.4	1.781	2.740	5.8	17.9
12 27	6 32.08	+17 4.0	1.778	2.757	2.3	17.7
1 6	6 21.25	+17 29.2	1.805	2.774	4.2	17.9
1 16	6 11.55	+17 56.3	1.861	2.790	8.1	18.1
1 26	6 3.93	+18 24.3	1.944	2.805	11.7	18.4
2 5	5 58.95	+18 52.2	2.049	2.820	14.7	18.6
276310 2002 TG_{160}			12 28.5 38°.77		5°.0/29.8 16	
11 27	6 52.27	+ 7 33.3	2.032	2.851	13.1	20.3
12 7	6 46.95	+ 7 36.0	1.970	2.861	10.2	20.1
12 17	6 39.83	+ 7 52.6	1.932	2.871	7.1	19.9
12 27	6 31.67	+ 8 23.3	1.921	2.882	5.1	19.8
1 6	6 23.41	+ 9 6.6	1.939	2.893	5.7	19.9
1 16	6 15.98	+ 9 59.8	1.985	2.905	8.3	20.1
1 26	6 10.19	+10 59.5	2.058	2.917	11.3	20.3
2 5	6 6.58	+12 2.2	2.153	2.929	13.9	20.5
420148 2011 FE_{123}			12 28.5 234°.91		1°.8/28.4 18	
11 27	6 55.51	+29 15.4	2.420	3.257	10.7	21.2
12 7	6 49.25	+29 22.2	2.341	3.253	7.8	21.0
12 17	6 41.10	+29 25.2	2.289	3.249	4.5	20.8
12 27	6 31.85	+29 22.0	2.266	3.245	1.9	20.6
1 6	6 22.44	+29 11.7	2.273	3.241	3.7	20.7
1 16	6 13.85	+28 54.6	2.310	3.237	6.9	20.9
1 26	6 6.94	+28 32.4	2.374	3.232	10.0	21.1
2 5	6 2.27	+28 7.3	2.462	3.228	12.6	21.3
316382 2010 TV_{23}			12 28.5 309°.26		1°.3/28.4 17	
11 27	6 56.35	+25 38.5	1.870	2.718	12.9	21.5
12 7	6 50.28	+26 0.7	1.797	2.714	9.3	21.3
12 17	6 41.85	+26 22.5	1.747	2.711	5.2	21.0
12 27	6 31.96	+26 40.7	1.726	2.708	1.4	20.7
1 6	6 21.81	+26 53.1	1.734	2.705	4.1	20.9
1 16	6 12.65	+26 59.0	1.770	2.702	8.3	21.2
1 26	6 5.57	+26 59.2	1.833	2.700	12.0	21.4
2 5	6 1.24	+26 55.6	1.917	2.697	15.2	21.6
162945 2001 QO_{35}			12 28.5 158°.00		0°.9/28.4 18	
11 27	6 54.39	+26 16.9	2.748	3.583	9.6	20.5
12 7	6 48.19	+26 24.5	2.675	3.587	6.9	20.3
12 17	6 40.42	+26 30.5	2.629	3.592	3.9	20.1
12 27	6 31.75	+26 33.2	2.614	3.595	1.0	19.9
1 6	6 22.99	+26 31.8	2.629	3.599	3.0	20.1
1 16	6 14.93	+26 26.2	2.675	3.603	6.0	20.3
1 26	6 8.31	+26 17.2	2.749	3.606	8.8	20.5
2 5	6 3.60	+26 6.2	2.847	3.608	11.2	20.7
474721 2005 KJ_{1}			12 28.5 148°.96		5°.2/29.1 16	
11 27	6 59.14	+ 9 58.7	1.831	2.651	14.3	22.4
12 7	6 51.97	+ 9 25.1	1.767	2.661	11.0	22.2
12 17	6 42.64	+ 9 3.0	1.727	2.670	7.5	22.1
12 27	6 32.06	+ 8 53.9	1.716	2.679	5.3	21.9
1 6	6 21.38	+ 8 58.0	1.733	2.687	6.3	22.0
1 16	6 11.77	+ 9 14.2	1.778	2.694	9.4	22.2
1 26	6 4.18	+ 9 40.4	1.850	2.700	12.7	22.4
2 5	5 59.21	+10 13.7	1.943	2.706	15.6	22.7
434175 2002 TF_{363}			12 28.5 116°.16		3°.7/28.1 18	
11 27	7 3.29	+30 37.0	1.606	2.449	14.8	21.9
12 7	6 55.52	+31 26.1	1.551	2.464	10.9	21.7
12 17	6 44.80	+32 9.6	1.520	2.477	6.7	21.5
12 27	6 32.35	+32 41.5	1.516	2.491	3.8	21.3
1 6	6 19.80	+32 58.0	1.541	2.504	5.8	21.5
1 16	6 8.74	+32 59.0	1.593	2.516	9.7	21.8
1 26	6 0.47	+32 47.9	1.671	2.528	13.5	22.0
2 5	5 55.63	+32 29.4	1.769	2.540	16.7	22.3
16679 1994 EQ_{2}			12 28.5 304°.43		3°.9/28.3 18	R
11 27	6 58.57	+33 23.8	1.822	2.664	13.4	17.4
12 7	6 52.09	+33 41.3	1.744	2.655	10.0	17.2
12 17	6 42.94	+33 50.8	1.691	2.646	6.4	16.9
12 27	6 32.12	+33 47.9	1.664	2.637	3.9	16.8
1 6	6 21.03	+33 30.6	1.666	2.628	5.6	16.9
1 16	6 11.11	+32 59.6	1.696	2.619	9.2	17.1
1 26	6 3.57	+32 18.8	1.751	2.611	12.9	17.3
2 5	5 59.12	+31 32.9	1.827	2.603	16.0	17.5

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
287038 2002 QT_{113}			12 28.5 230°.27		4°.8/29.1 18	
	h m	° ′			°	m
11 27	6 52.35	+ 8 1.3	2.496	3.306	11.3	21.2
12 7	6 46.82	+ 7 32.4	2.415	3.300	8.8	21.0
12 17	6 39.72	+ 7 13.3	2.360	3.294	6.3	20.8
12 27	6 31.68	+ 7 5.4	2.332	3.288	4.8	20.7
1 6	6 23.46	+ 7 9.1	2.335	3.281	5.5	20.8
1 16	6 15.85	+ 7 23.7	2.366	3.274	7.8	20.9
1 26	6 9.59	+ 7 47.8	2.424	3.267	10.3	21.1
2 5	6 5.18	+ 8 19.0	2.505	3.260	12.7	21.2
87108 2000 LU_{20}			12 28.5 203°.86		1°.4/28.6 18	
11 27	6 56.64	+20 10.9	2.253	3.087	11.5	19.3
12 7	6 50.03	+19 45.5	2.173	3.084	8.3	19.1
12 17	6 41.53	+19 21.5	2.119	3.080	4.8	18.9
12 27	6 31.92	+18 58.8	2.095	3.076	1.5	18.6
1 6	6 22.17	+18 37.7	2.102	3.072	3.6	18.8
1 16	6 13.24	+18 18.8	2.138	3.067	7.2	19.0
1 26	6 6.01	+18 2.8	2.202	3.062	10.6	19.2
2 5	6 1.03	+17 50.4	2.290	3.057	13.4	19.4
302686 2002 TJ_{61}			12 28.5 40°.25		6°.8/28.8 18	
11 27	6 55.55	+ 9 14.3	1.519	2.354	16.0	19.7
12 7	6 49.65	+ 8 5.9	1.466	2.365	12.4	19.5
12 17	6 41.42	+ 7 10.9	1.437	2.378	8.9	19.4
12 27	6 31.90	+ 6 33.2	1.432	2.390	6.9	19.3
1 6	6 22.38	+ 6 14.7	1.454	2.403	7.9	19.4
1 16	6 14.08	+ 6 14.8	1.502	2.417	10.9	19.6
1 26	6 8.02	+ 6 31.0	1.574	2.431	14.2	19.8
2 5	6 4.75	+ 6 59.1	1.666	2.445	17.2	20.1
19394 1998 DA_{34}			12 28.6 245°.27		3°.3/28.2 18	
11 27	6 59.73	+30 30.1	1.686	2.532	14.1	18.3
12 7	6 53.03	+31 0.3	1.615	2.529	10.4	18.0
12 17	6 43.50	+31 25.5	1.567	2.527	6.3	17.8
12 27	6 32.22	+31 40.8	1.547	2.524	3.3	17.6
1 6	6 20.65	+31 43.2	1.555	2.521	5.4	17.7
1 16	6 10.32	+31 32.8	1.591	2.518	9.4	17.9
1 26	6 2.51	+31 12.4	1.652	2.515	13.4	18.2
2 5	5 57.94	+30 46.3	1.734	2.512	16.7	18.4
279670 2011 FK_{23}			12 28.6 228°.18		3°.9/29.1 18	
11 27	6 57.38	+13 3.2	1.649	2.486	14.9	21.3
12 7	6 51.15	+12 58.2	1.574	2.481	11.2	21.1
12 17	6 42.41	+13 4.3	1.521	2.475	7.1	20.8
12 27	6 32.08	+13 21.7	1.496	2.470	4.0	20.6
1 6	6 21.41	+13 49.1	1.498	2.464	5.5	20.7
1 16	6 11.72	+14 24.3	1.529	2.458	9.6	20.9
1 26	6 4.20	+15 4.9	1.584	2.451	13.6	21.1
2 5	5 59.57	+15 48.4	1.661	2.445	17.1	21.3
441217 2007 VN_{46}			12 28.6 65°.63		3°.3/28.3 15	
11 27	7 2.17	+30 39.8	1.570	2.416	15.0	21.7
12 7	6 54.46	+31 8.6	1.530	2.445	10.9	21.5
12 17	6 44.05	+31 30.5	1.514	2.473	6.5	21.4
12 27	6 32.26	+31 40.8	1.525	2.502	3.4	21.2
1 6	6 20.68	+31 37.9	1.565	2.530	5.3	21.4
1 16	6 10.75	+31 22.8	1.631	2.558	9.2	21.7
1 26	6 3.58	+30 59.4	1.723	2.586	12.9	22.0
2 5	5 59.67	+30 31.8	1.837	2.614	15.9	22.3
370334 2002 RZ_{230}			12 28.6 125°.99		2°.7/28.0 17	
11 27	6 56.41	+31 51.9	2.783	3.611	9.7	21.6
12 7	6 49.69	+32 28.7	2.720	3.625	7.1	21.5
12 17	6 41.28	+33 0.9	2.686	3.639	4.5	21.3
12 27	6 31.90	+33 25.4	2.681	3.653	2.7	21.2
1 6	6 22.43	+33 40.4	2.707	3.666	4.0	21.3
1 16	6 13.74	+33 45.7	2.763	3.678	6.5	21.5
1 26	6 6.60	+33 42.5	2.848	3.691	9.0	21.7
2 5	6 1.51	+33 33.2	2.956	3.703	11.2	21.9
337443 2001 RT_{53}			12 28.6 134°.96		0°.4/28.5 18	
11 27	7 0.73	+23 17.0	1.846	2.685	13.4	21.7
12 7	6 53.25	+23 35.6	1.784	2.699	9.6	21.4
12 17	6 43.41	+23 55.1	1.748	2.711	5.3	21.2
12 27	6 32.21	+24 12.7	1.740	2.723	0.8	20.9
1 6	6 20.92	+24 26.2	1.763	2.735	3.9	21.2
1 16	6 10.81	+24 34.9	1.814	2.745	8.2	21.5
1 26	6 2.91	+24 39.7	1.892	2.755	11.9	21.7
2 5	5 57.84	+24 42.1	1.993	2.764	15.0	21.9
176413 2001 VW_{4}			12 28.6 81°.36		15°.7/30.8 17	
11 27	7 43.18	+71 4.0	2.078	2.727	18.0	19.5
12 7	7 27.95	+72 25.4	2.048	2.743	16.9	19.4
12 17	7 3.95	+73 13.0	2.034	2.759	16.1	19.4
12 27	6 34.95	+73 12.9	2.038	2.775	15.7	19.4
1 6	6 7.24	+72 21.0	2.061	2.791	15.8	19.5
1 16	5 46.04	+70 44.4	2.103	2.807	16.3	19.5
1 26	5 33.40	+68 37.1	2.164	2.823	17.0	19.6
2 5	5 28.64	+66 13.2	2.241	2.838	17.9	19.7

128303 2004 AS_{26} 12 28.6 211°.42 1°.1/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 56.68	+17 35.0	2.341	3.170	11.3	20.0
12 7	6 50.16	+18 10.3	2.255	3.163	8.2	19.8
12 17	6 41.70	+18 51.9	2.196	3.156	4.7	19.6
12 27	6 32.00	+19 37.8	2.167	3.149	1.3	19.4
1 6	6 21.99	+20 25.2	2.169	3.141	3.4	19.5
1 16	6 12.62	+21 11.8	2.203	3.132	7.0	19.7
1 26	6 4.82	+21 56.2	2.264	3.123	10.4	19.9
2 5	5 59.21	+22 37.4	2.349	3.113	13.2	20.1

22286 1988 BO_{3} 12 28.6 358°.54 6°.3/29.1 18

11 27	6 53.85	+10 4.2	1.409	2.253	16.5	17.5
12 7	6 48.80	+ 9 21.8	1.344	2.250	12.8	17.3
12 17	6 41.16	+ 8 53.7	1.301	2.249	8.9	17.0
12 27	6 31.93	+ 8 42.6	1.283	2.248	6.4	16.9
1 6	6 22.46	+ 8 49.3	1.290	2.248	7.5	17.0
1 16	6 14.15	+ 9 12.5	1.323	2.248	11.1	17.2
1 26	6 8.16	+ 9 48.8	1.379	2.250	15.0	17.4
2 5	6 5.20	+10 33.9	1.455	2.252	18.4	17.6

480173 2015 FZ_{310} 12 28.6 141°.55 0°.4/28.6 18

11 27	7 0.69	+20 46.4	1.761	2.601	13.9	21.5
12 7	6 53.34	+21 8.9	1.698	2.612	10.0	21.3
12 17	6 43.52	+21 35.1	1.659	2.622	5.6	21.0
12 27	6 32.26	+22 2.3	1.649	2.632	0.9	20.7
1 6	6 20.85	+22 27.7	1.669	2.641	4.0	21.0
1 16	6 10.60	+22 49.9	1.717	2.649	8.5	21.3
1 26	6 2.62	+23 8.8	1.792	2.657	12.4	21.5
2 5	5 57.54	+23 25.1	1.889	2.664	15.6	21.8

374024 2004 EX_{45} 12 28.6 59°.92 2°.9/28.2 17

11 27	6 55.87	+31 38.2	2.256	3.094	11.3	20.7
12 7	6 49.56	+32 2.5	2.198	3.108	8.3	20.5
12 17	6 41.30	+32 21.2	2.166	3.122	5.1	20.4
12 27	6 31.95	+32 31.5	2.162	3.137	2.9	20.3
1 6	6 22.55	+32 31.6	2.188	3.151	4.4	20.4
1 16	6 14.14	+32 22.0	2.243	3.165	7.4	20.6
1 26	6 7.60	+32 4.6	2.325	3.180	10.3	20.8
2 5	6 3.44	+31 42.2	2.429	3.194	12.8	21.0

142405 2002 SQ_{25} 12 28.6 267°.90 2°.5/28.2 17

11 27	6 58.05	+28 12.4	1.880	2.724	13.0	19.7
12 7	6 51.72	+28 49.8	1.796	2.711	9.5	19.5
12 17	6 42.81	+29 25.7	1.737	2.698	5.6	19.2
12 27	6 32.19	+29 55.6	1.706	2.685	2.5	19.0
1 6	6 21.13	+30 16.0	1.704	2.671	4.7	19.1
1 16	6 10.99	+30 25.7	1.730	2.657	8.8	19.3
1 26	6 2.99	+30 25.9	1.782	2.644	12.6	19.5
2 5	5 57.93	+30 19.5	1.856	2.630	15.9	19.7

493207 2014 UU_{47} 12 28.6 93°.42 1°.4/28.3 18

11 27	6 55.83	+26 41.8	2.313	3.151	11.0	21.4
12 7	6 49.46	+27 9.1	2.252	3.166	7.9	21.2
12 17	6 41.23	+27 34.7	2.218	3.180	4.5	21.0
12 27	6 31.95	+27 56.1	2.213	3.194	1.5	20.8
1 6	6 22.59	+28 11.3	2.238	3.208	3.5	21.0
1 16	6 14.13	+28 19.9	2.294	3.221	6.9	21.3
1 26	6 7.39	+28 22.5	2.376	3.235	10.0	21.5
2 5	6 2.91	+28 21.0	2.482	3.248	12.5	21.7

461491 2002 TK_{345} 12 28.6 109°.12 0°.5/28.7 17

11 27	6 53.74	+20 32.6	2.437	3.274	10.6	22.0
12 7	6 47.89	+20 51.3	2.368	3.281	7.6	21.8
12 17	6 40.35	+21 12.9	2.326	3.289	4.2	21.6
12 27	6 31.83	+21 35.7	2.313	3.296	0.8	21.3
1 6	6 23.19	+21 58.2	2.331	3.303	3.1	21.5
1 16	6 15.28	+22 19.2	2.379	3.310	6.5	21.8
1 26	6 8.89	+22 38.3	2.454	3.317	9.5	22.0
2 5	6 4.51	+22 55.5	2.553	3.324	12.1	22.2

277295 2005 SR_{123} 12 28.6 345°.32 4°.2/28.8 18 R

11 27	6 56.80	+15 21.7	1.353	2.206	16.5	20.0
12 7	6 51.07	+14 44.4	1.287	2.203	12.3	19.7
12 17	6 42.49	+14 15.6	1.242	2.200	7.7	19.4
12 27	6 32.15	+13 56.9	1.222	2.198	4.3	19.2
1 6	6 21.55	+13 48.9	1.229	2.196	6.2	19.3
1 16	6 12.23	+13 51.5	1.261	2.194	10.8	19.6
1 26	6 5.47	+14 3.4	1.317	2.193	15.2	19.8
2 5	6 2.02	+14 22.6	1.392	2.192	19.0	20.1

486240 2013 BL_{19} 12 28.6 347°.21 2°.6/28.4 17

11 27	6 53.25	+27 59.9	1.121	1.998	17.4	21.5
12 7	6 49.34	+28 15.7	1.053	1.984	12.7	21.2
12 17	6 41.89	+28 28.2	1.005	1.972	7.4	20.8
12 27	6 32.10	+28 32.7	0.981	1.962	2.8	20.5
1 6	6 21.84	+28 26.0	0.980	1.953	6.0	20.7
1 16	6 13.09	+28 8.4	1.003	1.946	11.6	21.0
1 26	6 7.52	+27 43.2	1.048	1.941	16.7	21.2
2 5	6 5.98	+27 14.3	1.110	1.937	21.1	21.5

156998 2003 ON_{7} 12 28.6 91°.49 4°.8/29.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 53.42	+ 8 23.2	2.183	2.998	12.5	19.8
12 7	6 47.69	+ 8 6.9	2.119	3.009	9.6	19.7
12 17	6 40.26	+ 8 2.2	2.080	3.019	6.8	19.5
12 27	6 31.84	+ 8 10.0	2.069	3.029	4.9	19.4
1 6	6 23.34	+ 8 29.7	2.087	3.038	5.6	19.5
1 16	6 15.64	+ 8 59.9	2.133	3.048	8.1	19.6
1 26	6 9.51	+ 9 38.2	2.206	3.058	10.9	19.8
2 5	6 5.47	+10 21.6	2.301	3.067	13.4	20.0

303141 2004 DU_{23} 12 28.6 319°.46 4°.9/28.4 18

11 27	6 54.78	+14 58.7	1.482	2.332	15.5	20.1
12 7	6 49.66	+13 55.5	1.394	2.308	11.7	19.9
12 17	6 41.79	+12 57.3	1.329	2.285	7.7	19.6
12 27	6 32.10	+12 7.2	1.290	2.262	4.9	19.3
1 6	6 21.89	+11 28.4	1.277	2.240	6.8	19.4
1 16	6 12.64	+11 3.0	1.291	2.219	11.0	19.6
1 26	6 5.67	+10 51.4	1.327	2.198	15.4	19.8
2 5	6 1.83	+10 52.0	1.383	2.179	19.3	20.0

231828 2000 KV_{59} 12 28.6 184°.91 3°.8/27.5 18

11 27	6 56.89	+35 27.6	2.890	3.712	9.6	20.6
12 7	6 50.23	+36 23.2	2.816	3.712	7.3	20.4
12 17	6 41.72	+37 13.1	2.768	3.711	5.0	20.3
12 27	6 32.07	+37 53.3	2.751	3.710	3.9	20.2
1 6	6 22.14	+38 21.2	2.764	3.709	4.8	20.3
1 16	6 12.88	+38 36.0	2.807	3.708	7.0	20.4
1 26	6 5.15	+38 39.0	2.878	3.706	9.3	20.6
2 5	5 59.52	+38 32.9	2.972	3.704	11.4	20.7

154446 2003 CY_{1} 12 28.6 252°.46 0°.5/28.6 18

11 27	6 58.78	+21 18.1	1.766	2.609	13.7	21.4
12 7	6 52.27	+21 25.7	1.679	2.595	10.0	21.1
12 17	6 43.14	+21 36.5	1.616	2.579	5.6	20.9
12 27	6 32.29	+21 48.3	1.580	2.563	1.0	20.5
1 6	6 20.97	+21 59.4	1.574	2.547	4.2	20.7
1 16	6 10.57	+22 8.6	1.597	2.530	8.9	20.9
1 26	6 2.31	+22 16.3	1.645	2.513	13.1	21.1
2 5	5 57.01	+22 23.2	1.715	2.495	16.7	21.4

446078 2013 CA_{170} 12 28.6 345°.06 5°.4/29.3 18

11 27	6 54.35	+10 19.4	1.574	2.411	15.4	21.3
12 7	6 49.02	+ 9 56.3	1.504	2.407	11.8	21.1
12 17	6 41.27	+ 9 46.7	1.456	2.404	8.1	20.9
12 27	6 32.02	+ 9 52.3	1.434	2.401	5.5	20.7
1 6	6 22.50	+10 12.7	1.439	2.399	6.6	20.8
1 16	6 13.99	+10 46.1	1.471	2.397	10.2	21.0
1 26	6 7.61	+11 29.2	1.527	2.395	13.9	21.2
2 5	6 4.06	+12 18.4	1.603	2.394	17.3	21.4

361806 2008 CA_{36} 12 28.6 280°.83 2°.7/28.9 17

11 27	6 55.06	+15 45.2	1.885	2.724	13.2	21.3
12 7	6 49.26	+15 36.4	1.810	2.720	9.7	21.1
12 17	6 41.30	+15 34.7	1.758	2.716	5.9	20.9
12 27	6 32.02	+15 40.0	1.735	2.712	2.9	20.7
1 6	6 22.50	+15 51.4	1.740	2.708	4.5	20.8
1 16	6 13.87	+16 8.0	1.774	2.705	8.3	21.0
1 26	6 7.11	+16 28.7	1.834	2.701	12.0	21.2
2 5	6 2.87	+16 52.0	1.915	2.697	15.2	21.4

196164 2002 VZ_{46} 12 28.6 358°.58 5°.2/29.0 18

11 27	6 52.09	+ 8 29.1	2.231	3.049	12.2	19.7
12 7	6 46.78	+ 7 49.4	2.159	3.048	9.5	19.5
12 17	6 39.79	+ 7 19.9	2.111	3.048	6.8	19.4
12 27	6 31.81	+ 7 2.7	2.091	3.047	5.2	19.3
1 6	6 23.69	+ 6 58.3	2.100	3.047	6.0	19.3
1 16	6 16.29	+ 7 6.3	2.137	3.048	8.4	19.4
1 26	6 10.39	+ 7 25.2	2.200	3.048	11.1	19.6
2 5	6 6.51	+ 7 52.4	2.285	3.048	13.6	19.8

481210 2005 VA_{32} 12 28.6 22°.22 3°.7/28.8 16

11 27	6 56.59	+16 42.4	1.252	2.111	17.1	20.7
12 7	6 50.99	+16 6.6	1.195	2.116	12.6	20.5
12 17	6 42.45	+15 38.8	1.160	2.121	7.7	20.2
12 27	6 32.19	+15 20.2	1.150	2.128	3.8	20.0
1 6	6 21.82	+15 11.1	1.165	2.135	6.0	20.1
1 16	6 12.91	+15 11.4	1.206	2.142	10.8	20.4
1 26	6 6.74	+15 19.9	1.269	2.150	15.3	20.7
2 5	6 3.97	+15 34.8	1.352	2.159	19.1	21.0

326504 2002 KK_{16} 12 28.6 127°.80 1°.7/28.2 17

11 27	6 55.76	+27 11.0	2.502	3.338	10.4	21.1
12 7	6 49.40	+27 49.4	2.435	3.347	7.5	20.9
12 17	6 41.24	+28 26.4	2.395	3.356	4.3	20.7
12 27	6 32.02	+28 58.9	2.385	3.364	1.7	20.5
1 6	6 22.64	+29 24.8	2.405	3.373	3.5	20.7
1 16	6 14.04	+29 43.0	2.456	3.381	6.7	20.9
1 26	6 7.03	+29 54.1	2.534	3.388	9.6	21.1
2 5	6 2.17	+29 59.7	2.636	3.396	12.1	21.3

446832 2001 QT_{306} 12 28.6 88°.52 3°.3/29.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 55.21	+13 39.5	1.881	2.716	13.4	21.5
12 7	6 49.28	+13 35.4	1.815	2.721	10.0	21.3
12 17	6 41.26	+13 40.6	1.773	2.727	6.3	21.1
12 27	6 32.03	+13 54.8	1.758	2.732	3.5	20.9
1 6	6 22.64	+14 16.9	1.772	2.738	4.8	21.0
1 16	6 14.18	+14 45.2	1.815	2.743	8.3	21.3
1 26	6 7.60	+15 17.8	1.883	2.749	11.8	21.5
2 5	6 3.49	+15 52.9	1.974	2.754	14.9	21.7

191434 2003 SZ_{172} 12 28.6 166°.29 4°.3/29.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 52.92	+ 9 6.0	2.351	3.167	11.7	20.6
12 7	6 47.33	+ 8 55.7	2.277	3.168	9.0	20.4
12 17	6 40.08	+ 8 55.9	2.229	3.169	6.2	20.2
12 27	6 31.86	+ 9 7.3	2.208	3.170	4.4	20.1
1 6	6 23.49	+ 9 29.2	2.217	3.171	5.1	20.2
1 16	6 15.80	+10 0.3	2.255	3.172	7.6	20.3
1 26	6 9.55	+10 38.5	2.320	3.173	10.4	20.5
2 5	6 5.27	+11 21.2	2.409	3.173	12.9	20.7

171380 2006 OM_{12} 12 28.6 170°.82 3°.1/27.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 59.70	+30 12.1	2.096	2.932	12.1	20.5
12 7	6 52.64	+31 5.2	2.026	2.935	8.9	20.3
12 17	6 43.21	+31 54.9	1.981	2.937	5.5	20.1
12 27	6 32.31	+32 36.5	1.965	2.939	3.2	19.9
1 6	6 21.12	+33 6.2	1.979	2.941	4.9	20.0
1 16	6 10.88	+33 23.0	2.023	2.942	8.2	20.2
1 26	6 2.69	+33 28.4	2.093	2.943	11.5	20.5
2 5	5 57.24	+33 25.3	2.186	2.943	14.3	20.7

493235 2014 US_{85} 12 28.6 141°.68 4°.1/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 53.64	+ 9 58.4	2.652	3.463	10.6	21.3
12 7	6 47.60	+ 9 21.1	2.584	3.472	8.2	21.1
12 17	6 40.14	+ 8 51.6	2.541	3.480	5.7	21.0
12 27	6 31.87	+ 8 31.2	2.529	3.488	4.2	20.9
1 6	6 23.55	+ 8 20.5	2.546	3.496	4.9	21.0
1 16	6 15.90	+ 8 19.2	2.593	3.503	7.1	21.1
1 26	6 9.58	+ 8 26.5	2.668	3.510	9.6	21.3
2 5	6 5.03	+ 8 40.5	2.766	3.517	11.8	21.5

463970 2014 WW_{2} 12 28.6 358°.84 2°.8/27.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 55.67	+29 21.3	2.105	2.948	11.8	20.6
12 7	6 49.75	+30 11.7	2.034	2.947	8.6	20.4
12 17	6 41.61	+30 59.9	1.988	2.947	5.2	20.2
12 27	6 32.09	+31 41.4	1.970	2.947	2.9	20.0
1 6	6 22.30	+32 12.9	1.983	2.946	4.6	20.1
1 16	6 13.37	+32 33.1	2.024	2.947	8.0	20.3
1 26	6 6.35	+32 42.8	2.091	2.947	11.2	20.5
2 5	6 1.89	+32 44.5	2.180	2.948	14.0	20.7

224644 2005 YM_{196} 12 28.6 183°.81 0°.5/28.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 55.65	+24 18.4	2.254	3.094	11.3	21.7
12 7	6 49.45	+24 27.2	2.179	3.094	8.1	21.5
12 17	6 41.32	+24 35.8	2.130	3.094	4.5	21.3
12 27	6 32.05	+24 42.5	2.111	3.094	0.8	21.0
1 6	6 22.61	+24 45.8	2.121	3.093	3.3	21.2
1 16	6 13.99	+24 45.6	2.161	3.093	7.0	21.4
1 26	6 7.09	+24 42.5	2.229	3.092	10.4	21.7
2 5	6 2.48	+24 37.7	2.319	3.091	13.2	21.8

421235 2013 SG_{42} 12 28.6 196°.87 1°.8/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 52.93	+16 26.8	2.648	3.476	10.1	21.2
12 7	6 47.25	+16 31.8	2.568	3.474	7.4	21.0
12 17	6 40.02	+16 41.9	2.515	3.472	4.4	20.8
12 27	6 31.87	+16 56.4	2.491	3.470	1.9	20.6
1 6	6 23.56	+17 14.3	2.499	3.468	3.3	20.7
1 16	6 15.85	+17 34.6	2.536	3.465	6.3	20.9
1 26	6 9.47	+17 56.5	2.602	3.462	9.2	21.1
2 5	6 4.91	+18 19.2	2.692	3.458	11.7	21.3

261301 2005 UX_{181} 12 28.6 112°.80 1°.0/28.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 56.48	+25 18.9	2.099	2.941	11.9	21.3
12 7	6 50.14	+25 38.4	2.032	2.947	8.5	21.1
12 17	6 41.73	+25 57.3	1.990	2.954	4.8	20.9
12 27	6 32.11	+26 13.1	1.978	2.960	1.2	20.6
1 6	6 22.36	+26 23.8	1.995	2.966	3.6	20.8
1 16	6 13.55	+26 29.0	2.042	2.972	7.4	21.1
1 26	6 6.61	+26 29.6	2.115	2.978	10.8	21.3
2 5	6 2.12	+26 27.0	2.211	2.984	13.7	21.5

51567 2001 HY_{1} 12 28.6 122°.60 4°.4/27.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 0.44	+33 24.4	1.879	2.717	13.3	19.3
12 7	6 53.40	+34 18.3	1.816	2.723	9.9	19.1
12 17	6 43.71	+35 5.5	1.777	2.729	6.5	18.9
12 27	6 32.41	+35 40.2	1.767	2.735	4.5	18.8
1 6	6 20.87	+35 58.7	1.785	2.741	6.0	18.9
1 16	6 10.53	+36 0.9	1.832	2.747	9.2	19.1
1 26	6 2.57	+35 49.4	1.904	2.753	12.5	19.3
2 5	5 57.69	+35 28.8	1.997	2.758	15.3	19.6

247225 2001 QW_{155} 12 28.6 35°.84 3°.4/28.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 59.94	+31 25.6	1.324	2.182	16.5	19.5
12 7	6 53.23	+31 30.0	1.285	2.206	12.0	19.3
12 17	6 43.55	+31 25.7	1.269	2.230	7.2	19.1
12 27	6 32.37	+31 9.1	1.278	2.256	3.5	18.9
1 6	6 21.46	+30 39.5	1.313	2.282	5.6	19.1
1 16	6 12.42	+30 0.1	1.375	2.309	10.0	19.5
1 26	6 6.40	+29 15.5	1.460	2.336	14.0	19.8
2 5	6 3.84	+28 30.2	1.566	2.364	17.3	20.1

197129 2003 UG_{229} 12 28.6 107°.14 1°.6/28.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 56.12	+27 58.2	2.399	3.235	10.8	20.8
12 7	6 49.65	+28 11.6	2.335	3.247	7.8	20.7
12 17	6 41.38	+28 22.1	2.298	3.259	4.4	20.5
12 27	6 32.09	+28 27.5	2.290	3.270	1.6	20.3
1 6	6 22.75	+28 26.5	2.313	3.282	3.5	20.4
1 16	6 14.29	+28 19.3	2.365	3.293	6.7	20.7
1 26	6 7.54	+28 7.3	2.445	3.304	9.7	20.9
2 5	6 2.99	+27 52.3	2.549	3.314	12.3	21.1

445810 2012 BK_{89} 12 28.6 346°.62 2°.9/28.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 56.08	+29 8.1	1.547	2.404	14.6	21.0
12 7	6 50.64	+29 35.9	1.476	2.397	10.7	20.7
12 17	6 42.35	+30 0.2	1.429	2.392	6.3	20.5
12 27	6 32.26	+30 16.4	1.408	2.387	3.0	20.2
1 6	6 21.84	+30 21.4	1.414	2.382	5.3	20.4
1 16	6 12.64	+30 15.1	1.446	2.379	9.7	20.6
1 26	6 5.97	+29 59.6	1.502	2.376	13.8	20.9
2 5	6 2.58	+29 38.6	1.579	2.374	17.3	21.1

439506 2014 BU_{11} 12 28.6 208°.61 2°.6/29.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 58.00	+15 30.8	1.740	2.578	14.2	21.5
12 7	6 51.57	+15 38.2	1.664	2.574	10.5	21.2
12 17	6 42.71	+15 54.4	1.613	2.571	6.3	21.0
12 27	6 32.31	+16 18.5	1.588	2.567	2.8	20.7
1 6	6 21.58	+16 48.5	1.593	2.562	4.7	20.9
1 16	6 11.82	+17 22.3	1.626	2.558	8.9	21.1
1 26	6 4.15	+17 58.1	1.685	2.553	12.9	21.3
2 5	5 59.30	+18 34.4	1.766	2.547	16.3	21.5

179091 2001 SG_{173} 12 28.6 204°.99 4°.5/27.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 59.55	+34 34.9	2.086	2.919	12.3	20.5
12 7	6 52.67	+35 23.3	2.013	2.916	9.3	20.3
12 17	6 43.31	+36 4.8	1.965	2.914	6.3	20.1
12 27	6 32.39	+36 34.0	1.946	2.911	4.5	20.0
1 6	6 21.17	+36 47.8	1.956	2.909	5.8	20.0
1 16	6 10.96	+36 45.8	1.994	2.906	8.8	20.2
1 26	6 2.91	+36 30.6	2.058	2.902	11.9	20.4
2 5	5 57.73	+36 6.3	2.144	2.899	14.6	20.6

269475 2009 TQ_{32} 12 28.6 58°.98 2°.7/28.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 57.66	+31 13.6	2.007	2.848	12.4	20.4
12 7	6 51.06	+31 22.7	1.946	2.858	9.1	20.2
12 17	6 42.25	+31 25.6	1.910	2.868	5.5	20.0
12 27	6 32.22	+31 19.5	1.902	2.879	2.8	19.9
1 6	6 22.17	+31 3.3	1.923	2.889	4.5	20.0
1 16	6 13.26	+30 38.0	1.974	2.900	7.9	20.2
1 26	6 6.45	+30 6.4	2.050	2.911	11.2	20.5
2 5	6 2.30	+29 31.7	2.149	2.922	14.0	20.7

244358 2002 NJ_{15} 12 28.6 218°.36 1°.5/28.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 58.94	+26 38.2	2.312	3.146	11.2	21.6
12 7	6 51.95	+27 6.2	2.225	3.136	8.2	21.4
12 17	6 42.82	+27 33.2	2.164	3.125	4.7	21.2
12 27	6 32.33	+27 56.0	2.133	3.114	1.6	20.9
1 6	6 21.50	+28 12.2	2.133	3.102	3.7	21.1
1 16	6 11.42	+28 21.0	2.163	3.089	7.4	21.3
1 26	6 3.10	+28 23.2	2.221	3.076	10.7	21.4
2 5	5 57.21	+28 20.6	2.302	3.062	13.6	21.6

226204 2002 VX_{10} 12 28.6 112°.03 0°.8/28.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 2.37	+21 19.4	1.726	2.564	14.2	20.7
12 7	6 54.40	+21 12.3	1.673	2.586	10.2	20.5
12 17	6 44.07	+21 7.0	1.645	2.607	5.7	20.3
12 27	6 32.47	+21 2.0	1.645	2.628	1.2	20.0
1 6	6 20.96	+20 56.7	1.676	2.648	4.0	20.3
1 16	6 10.81	+20 51.1	1.735	2.667	8.4	20.6
1 26	6 3.04	+20 46.1	1.821	2.685	12.2	20.9
2 5	5 58.17	+20 42.6	1.928	2.703	15.4	21.1

390752 2003 SJ_{302} 12 28.6 88°.64 6°.5/29.3 15

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 57.76	+ 7 5.9	1.777	2.592	14.9	21.7
12 7	6 50.95	+ 6 18.2	1.728	2.615	11.6	21.6
12 17	6 42.12	+ 5 45.1	1.703	2.637	8.5	21.4
12 27	6 32.22	+ 5 28.7	1.705	2.658	6.6	21.4
1 6	6 22.37	+ 5 29.7	1.735	2.680	7.3	21.5
1 16	6 13.66	+ 5 46.4	1.793	2.701	9.9	21.7
1 26	6 6.98	+ 6 16.0	1.875	2.721	12.8	21.9
2 5	6 2.81	+ 6 54.5	1.979	2.741	15.4	22.1

462736 2010 BL_2 12 28.6 134°.15 3°.1/27.7 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	7 12.46	+31 46.6	2.920	3.717	10.1	22.2
12 7	7 1.19	+33 5.3	2.856	3.744	7.5	22.1
12 17	6 47.77	+34 18.0	2.824	3.770	4.8	21.9
12 27	6 33.03	+35 19.4	2.827	3.794	3.1	21.9
1 6	6 18.09	+36 5.6	2.867	3.817	4.4	22.0
1 16	6 4.06	+36 35.9	2.941	3.838	6.9	22.2
1 26	5 51.93	+36 52.0	3.047	3.857	9.4	22.4
2 5	5 42.30	+36 57.7	3.179	3.875	11.4	22.6

53835 2000 EK_{180} 12 28.6 158°.70 2°.5/29.2 18

11 27	6 56.44	+13 40.6	2.284	3.106	11.7	19.4
12 7	6 49.93	+14 2.0	2.211	3.113	8.7	19.2
12 17	6 41.60	+14 31.8	2.165	3.119	5.3	19.0
12 27	6 32.17	+15 9.0	2.148	3.124	2.6	18.8
1 6	6 22.56	+15 51.4	2.162	3.129	3.9	18.9
1 16	6 13.70	+16 36.8	2.206	3.133	7.2	19.1
1 26	6 6.44	+17 23.2	2.278	3.137	10.3	19.3
2 5	6 1.33	+18 9.1	2.374	3.140	13.1	19.5

196855 2003 SZ_{266} 12 28.6 121°.94 4°.8/27.9 17

11 27	6 59.00	+37 59.4	2.419	3.241	11.2	20.8
12 7	6 51.94	+38 37.6	2.356	3.250	8.6	20.6
12 17	6 42.75	+39 6.5	2.319	3.258	6.1	20.5
12 27	6 32.32	+39 21.8	2.310	3.266	4.8	20.4
1 6	6 21.79	+39 21.4	2.331	3.275	5.7	20.5
1 16	6 12.27	+39 5.9	2.380	3.282	8.0	20.6
1 26	6 4.72	+38 38.3	2.456	3.290	10.6	20.8
2 5	5 59.72	+38 2.5	2.555	3.298	12.8	21.0

77376 2001 FC_{137} 12 28.6 100°.27 9°.4/31.7 18

11 27	6 55.96	− 4 13.8	1.842	2.612	16.2	19.6
12 7	6 49.80	− 4 21.5	1.781	2.621	13.6	19.4
12 17	6 41.59	− 4 4.2	1.740	2.631	11.2	19.3
12 27	6 32.17	− 3 19.5	1.724	2.640	9.6	19.2
1 6	6 22.61	− 2 8.7	1.735	2.649	9.7	19.2
1 16	6 13.99	− 0 36.1	1.772	2.657	11.3	19.4
1 26	6 7.25	+ 1 11.4	1.835	2.666	13.7	19.5
2 5	6 2.96	+ 3 6.4	1.920	2.675	16.1	19.7

157514 2005 SM_{105} 12 28.6 48°.88 3°.7/28.0 18

11 27	7 0.42	+28 43.0	1.327	2.185	16.4	19.6
12 7	6 54.01	+29 45.5	1.274	2.195	12.0	19.4
12 17	6 44.29	+30 45.2	1.244	2.206	7.2	19.1
12 27	6 32.56	+31 34.8	1.239	2.217	3.8	18.9
1 6	6 20.63	+32 8.8	1.262	2.228	6.2	19.1
1 16	6 10.29	+32 25.9	1.310	2.240	10.8	19.4
1 26	6 3.02	+32 28.7	1.381	2.252	15.0	19.7
2 5	5 59.52	+32 21.9	1.472	2.264	18.5	20.0

343630 2010 HP_{99} 12 28.6 244°.60 0°.0/28.5 18

11 27	6 58.76	+24 8.5	2.000	2.839	12.5	20.8
12 7	6 51.96	+23 51.0	1.914	2.828	9.0	20.6
12 17	6 42.88	+23 32.0	1.853	2.816	5.1	20.3
12 27	6 32.37	+23 10.2	1.821	2.804	0.7	20.0
1 6	6 21.59	+22 45.4	1.819	2.791	3.7	20.2
1 16	6 11.74	+22 18.7	1.846	2.778	8.0	20.4
1 26	6 3.87	+21 51.9	1.900	2.764	11.8	20.6
2 5	5 58.64	+21 26.8	1.977	2.751	15.1	20.8

130395 2000 LX_{25} 12 28.6 174°.82 11°.3/28.8 17

11 27	7 0.07	− 5 11.2	1.904	2.659	16.2	19.6
12 7	6 52.73	− 6 47.9	1.841	2.663	14.1	19.5
12 17	6 43.22	− 8 3.4	1.800	2.666	12.3	19.3
12 27	6 32.42	− 8 51.4	1.784	2.668	11.3	19.3
1 6	6 21.42	− 9 8.9	1.794	2.669	11.8	19.3
1 16	6 11.36	− 8 56.3	1.829	2.669	13.3	19.4
1 26	6 3.23	− 8 17.9	1.887	2.668	15.4	19.6
2 5	5 57.65	− 7 20.2	1.965	2.667	17.4	19.7

97706 2000 GQ_{81} 12 28.6 218°.72 0°.6/28.7 18

11 27	6 53.50	+20 48.2	2.751	3.583	9.7	20.5
12 7	6 47.68	+20 52.7	2.666	3.577	7.0	20.3
12 17	6 40.32	+20 59.2	2.608	3.570	3.9	20.1
12 27	6 32.01	+21 6.7	2.580	3.563	0.8	19.9
1 6	6 23.52	+21 14.2	2.584	3.555	2.8	20.0
1 16	6 15.62	+21 21.3	2.617	3.548	6.0	20.2
1 26	6 9.04	+21 27.8	2.680	3.540	8.9	20.4
2 5	6 4.28	+21 34.0	2.766	3.531	11.4	20.6

113686 2002 TL_{112} 12 28.6 266°.60 7°.1/29.7 18

11 27	6 54.54	+ 4 14.1	1.861	2.669	14.6	19.5
12 7	6 48.94	+ 3 46.1	1.783	2.662	11.7	19.3
12 17	6 41.22	+ 3 34.6	1.729	2.654	9.0	19.1
12 27	6 32.16	+ 3 42.3	1.700	2.647	7.2	19.0
1 6	6 22.81	+ 4 9.3	1.699	2.639	7.8	19.0
1 16	6 14.26	+ 4 53.9	1.724	2.631	10.3	19.1
1 26	6 7.49	+ 5 52.2	1.775	2.623	13.3	19.3
2 5	6 3.18	+ 6 59.3	1.847	2.615	16.2	19.5

201811 2003 XT_{30} 12 28.6 76°.03 1°.3/28.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 55.77	+26 5.3	2.204	3.044	11.4	21.0
12 7	6 49.55	+26 33.1	2.144	3.059	8.2	20.9
12 17	6 41.41	+26 59.9	2.110	3.073	4.6	20.7
12 27	6 32.17	+27 22.9	2.106	3.087	1.4	20.5
1 6	6 22.86	+27 39.9	2.131	3.101	3.6	20.6
1 16	6 14.46	+27 50.5	2.186	3.116	7.1	20.9
1 26	6 7.85	+27 55.3	2.268	3.130	10.3	21.1
2 5	6 3.57	+27 55.9	2.373	3.144	12.9	21.3

461189 2015 VG_{97} 12 28.6 82°.69 3°.3/28.1 17

11 27	6 58.37	+30 35.0	1.889	2.732	13.0	21.3
12 7	6 51.88	+31 17.0	1.822	2.735	9.5	21.1
12 17	6 42.90	+31 54.8	1.780	2.738	5.9	20.9
12 27	6 32.40	+32 23.6	1.766	2.741	3.3	20.8
1 6	6 21.67	+32 40.2	1.781	2.745	5.1	20.9
1 16	6 12.03	+32 44.1	1.825	2.748	8.7	21.1
1 26	6 4.61	+32 37.4	1.893	2.751	12.1	21.3
2 5	6 0.09	+32 23.3	1.984	2.755	15.1	21.5

439328 2012 WA_{16} 12 28.6 140°.77 2°.5/28.9 18

11 27	6 58.22	+16 40.3	1.814	2.651	13.7	21.6
12 7	6 51.53	+16 29.1	1.748	2.658	10.0	21.4
12 17	6 42.60	+16 24.2	1.706	2.665	6.0	21.2
12 27	6 32.35	+16 25.2	1.693	2.671	2.6	21.0
1 6	6 21.98	+16 31.3	1.708	2.677	4.5	21.1
1 16	6 12.66	+16 41.8	1.753	2.683	8.5	21.3
1 26	6 5.40	+16 55.8	1.823	2.688	12.2	21.6
2 5	6 0.81	+17 12.5	1.916	2.693	15.3	21.8

399785 2005 NM_{63} 12 28.6 185°.85 1°.2/28.9 18

11 27	6 56.20	+18 13.6	2.325	3.156	11.3	21.9
12 7	6 49.82	+18 28.3	2.248	3.156	8.2	21.7
12 17	6 41.58	+18 47.7	2.196	3.156	4.7	21.5
12 27	6 32.22	+19 10.4	2.174	3.155	1.4	21.3
1 6	6 22.65	+19 34.9	2.182	3.153	3.4	21.4
1 16	6 13.80	+19 59.7	2.221	3.151	6.9	21.6
1 26	6 6.55	+20 24.0	2.288	3.149	10.2	21.8
2 5	6 1.46	+20 47.5	2.378	3.146	13.0	22.0

91691 1999 TG_{129} 12 28.6 60°.87 2°.5/28.4 17

11 27	6 57.47	+29 33.7	1.931	2.775	12.7	19.3
12 7	6 51.02	+29 54.0	1.871	2.785	9.2	19.1
12 17	6 42.32	+30 10.0	1.836	2.796	5.4	18.9
12 27	6 32.32	+30 18.2	1.829	2.808	2.5	18.7
1 6	6 22.25	+30 16.9	1.851	2.819	4.4	18.9
1 16	6 13.32	+30 6.6	1.902	2.830	8.1	19.1
1 26	6 6.52	+29 49.2	1.979	2.842	11.5	19.4
2 5	6 2.42	+29 27.7	2.078	2.853	14.4	19.6

206333 2003 OB_{10} 12 28.6 72°.16 1°.8/28.9 18

11 27	6 59.63	+17 52.7	1.585	2.428	15.0	20.6
12 7	6 52.56	+17 59.1	1.541	2.455	10.8	20.4
12 17	6 43.11	+18 11.9	1.521	2.482	6.2	20.2
12 27	6 32.42	+18 29.4	1.528	2.509	2.1	20.0
1 6	6 21.84	+18 49.4	1.564	2.536	4.4	20.2
1 16	6 12.64	+19 10.7	1.628	2.562	8.7	20.5
1 26	6 5.82	+19 32.2	1.718	2.588	12.5	20.8
2 5	6 1.90	+19 53.4	1.829	2.614	15.7	21.1

463083 2011 QT_{12} 12 28.6 74°.87 14°.1/31.2 18

11 27	6 58.64	− 4 23.6	1.134	1.937	22.3	20.3
12 7	6 52.57	− 5 36.9	1.088	1.947	19.1	20.1
12 17	6 43.44	− 6 15.4	1.060	1.957	16.1	20.0
12 27	6 32.49	− 6 11.7	1.051	1.967	14.3	19.9
1 6	6 21.42	− 5 24.9	1.065	1.978	14.5	19.9
1 16	6 11.88	− 4 0.4	1.100	1.988	16.4	20.1
1 26	6 5.22	− 2 8.9	1.155	1.998	19.2	20.3
2 5	6 2.12	− 0 2.7	1.227	2.008	22.1	20.5

447280 2005 UL_{515} 12 28.6 152°.68 6°.1/29.9 18

11 27	6 53.87	+ 3 0.4	2.426	3.216	12.2	21.9
12 7	6 47.96	+ 2 40.4	2.357	3.222	9.8	21.7
12 17	6 40.47	+ 2 34.4	2.312	3.228	7.6	21.6
12 27	6 32.07	+ 2 43.9	2.295	3.234	6.2	21.5
1 6	6 23.55	+ 3 8.7	2.307	3.239	6.6	21.6
1 16	6 15.71	+ 3 47.1	2.348	3.244	8.4	21.7
1 26	6 9.29	+ 4 36.4	2.415	3.249	10.7	21.8
2 5	6 4.76	+ 5 32.9	2.505	3.253	12.9	22.0

228731 2002 TV_{130} 12 28.6 85°.93 0°.0/28.6 17

11 27	6 54.71	+23 32.2	2.306	3.146	11.0	20.7
12 7	6 48.72	+23 30.6	2.236	3.150	7.9	20.5
12 17	6 40.95	+23 29.2	2.192	3.155	4.4	20.3
12 27	6 32.14	+23 26.5	2.177	3.160	0.6	20.0
1 6	6 23.23	+23 21.8	2.193	3.165	3.2	20.2
1 16	6 15.15	+23 15.3	2.238	3.170	6.8	20.5
1 26	6 8.71	+23 7.5	2.310	3.175	10.0	20.7
2 5	6 4.45	+22 59.3	2.406	3.179	12.7	20.9

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
26912 1996 JG_1			12 28.6 144.°59		4.°6/29.1 18	R
	h m	° ′			°	m
11 27	6 55.93	+ 9 45.5	2.278	3.091	12.1	18.6
12 7	6 49.47	+ 9 11.3	2.211	3.100	9.3	18.4
12 17	6 41.31	+ 8 46.5	2.170	3.110	6.5	18.2
12 27	6 32.19	+ 8 32.4	2.158	3.118	4.7	18.1
1 6	6 22.99	+ 8 29.5	2.175	3.126	5.5	18.2
1 16	6 14.60	+ 8 37.1	2.222	3.134	8.0	18.4
1 26	6 7.78	+ 8 53.8	2.295	3.141	10.8	18.6
2 5	6 3.05	+ 9 17.5	2.391	3.147	13.2	18.8
95860 2003 GC_{11}			12 28.6 209.°40		1.°6/28.3 18	
11 27	7 0.19	+25 34.8	1.964	2.802	12.7	20.5
12 7	6 53.18	+26 19.3	1.883	2.797	9.2	20.2
12 17	6 43.68	+27 4.6	1.829	2.791	5.3	20.0
12 27	6 32.55	+27 46.3	1.803	2.784	1.7	19.7
1 6	6 21.02	+28 20.8	1.808	2.777	4.2	19.9
1 16	6 10.39	+28 46.1	1.842	2.769	8.3	20.1
1 26	6 1.82	+29 2.8	1.902	2.760	12.1	20.3
2 5	5 56.07	+29 12.8	1.985	2.751	15.3	20.5
5160 Camoes			12 28.6 170.°13		2.°7/29.1 18	
11 27	6 58.01	+14 55.2	1.727	2.563	14.3	17.4
12 7	6 51.58	+15 8.3	1.656	2.565	10.6	17.2
12 17	6 42.74	+15 31.1	1.609	2.567	6.4	17.0
12 27	6 32.41	+16 2.3	1.590	2.568	2.9	16.8
1 6	6 21.82	+16 39.6	1.600	2.569	4.7	16.9
1 16	6 12.23	+17 20.6	1.638	2.570	8.8	17.1
1 26	6 4.75	+18 2.9	1.702	2.570	12.8	17.4
2 5	6 0.06	+18 45.0	1.788	2.570	16.1	17.6
220096 2002 SR_{42}			12 28.6 18.°74		1.°9/28.5 18	
11 27	6 57.11	+26 23.8	1.025	1.902	18.6	19.8
12 7	6 52.07	+26 37.5	0.976	1.908	13.5	19.5
12 17	6 43.37	+26 49.2	0.948	1.916	7.6	19.2
12 27	6 32.52	+26 54.6	0.943	1.925	2.1	18.9
1 6	6 21.58	+26 50.9	0.961	1.935	5.7	19.2
1 16	6 12.55	+26 38.7	1.004	1.947	11.5	19.6
1 26	6 6.94	+26 21.2	1.067	1.959	16.5	19.9
2 5	6 5.41	+26 1.7	1.149	1.973	20.7	20.2
477778 2011 BK_{26}			12 28.6 32.°09		1.°1/28.8 18	
11 27	6 57.95	+18 21.0	1.128	1.994	18.2	20.7
12 7	6 52.40	+19 0.9	1.076	2.001	13.2	20.4
12 17	6 43.50	+19 51.8	1.044	2.010	7.4	20.1
12 27	6 32.55	+20 49.0	1.037	2.019	1.6	19.8
1 6	6 21.35	+21 46.9	1.055	2.029	5.2	20.1
1 16	6 11.76	+22 40.8	1.098	2.040	10.9	20.4
1 26	6 5.26	+23 28.6	1.164	2.051	15.9	20.8
2 5	6 2.57	+24 9.6	1.248	2.063	19.9	21.1
89961 2002 PC_{72}			12 28.6 90.°01		1.°9/28.7 18	
11 27	6 55.45	+18 51.2	2.285	3.119	11.3	19.5
12 7	6 49.14	+18 17.8	2.219	3.129	8.2	19.3
12 17	6 41.13	+17 46.9	2.180	3.139	4.8	19.1
12 27	6 32.19	+17 18.8	2.170	3.149	2.0	18.9
1 6	6 23.22	+16 54.3	2.190	3.159	3.7	19.0
1 16	6 15.12	+16 34.0	2.241	3.169	7.0	19.3
1 26	6 8.66	+16 18.2	2.318	3.179	10.1	19.5
2 5	6 4.32	+16 7.1	2.419	3.189	12.7	19.7
229459 2005 UM_{196}			12 28.6 229.°05		1.°0/28.5 18	
11 27	7 0.30	+24 45.1	1.856	2.697	13.3	21.3
12 7	6 53.36	+25 7.8	1.772	2.687	9.6	21.0
12 17	6 43.83	+25 30.9	1.713	2.676	5.4	20.7
12 27	6 32.60	+25 51.1	1.682	2.664	1.2	20.4
1 6	6 20.95	+26 5.7	1.680	2.652	4.1	20.6
1 16	6 10.24	+26 13.8	1.708	2.639	8.6	20.9
1 26	6 1.69	+26 16.2	1.762	2.625	12.6	21.1
2 5	5 56.07	+26 14.8	1.838	2.611	16.0	21.3
134127 Basher			12 28.6 259.°27		0.°1/28.6 18	
11 27	6 54.53	+21 35.2	2.330	3.168	11.0	20.0
12 7	6 48.75	+22 9.7	2.248	3.162	7.9	19.8
12 17	6 41.07	+22 47.6	2.192	3.156	4.4	19.6
12 27	6 32.20	+23 26.2	2.166	3.149	0.6	19.3
1 6	6 23.04	+24 3.3	2.171	3.143	3.2	19.5
1 16	6 14.55	+24 36.9	2.205	3.137	6.9	19.7
1 26	6 7.63	+25 6.3	2.267	3.130	10.2	19.9
2 5	6 2.87	+25 31.7	2.353	3.124	13.0	20.1
41411 2000 AK_{200}			12 28.6 90.°39		4.°0/29.7 18	
11 27	6 57.66	+10 22.4	1.758	2.584	14.6	19.1
12 7	6 51.11	+10 44.2	1.701	2.601	11.0	18.9
12 17	6 42.37	+11 19.9	1.668	2.617	7.1	18.7
12 27	6 32.37	+12 8.2	1.663	2.634	4.2	18.6
1 6	6 22.28	+13 6.0	1.686	2.650	5.3	18.7
1 16	6 13.25	+14 9.6	1.739	2.666	8.7	18.9
1 26	6 6.26	+15 15.3	1.818	2.682	12.2	19.2
2 5	6 1.91	+16 20.1	1.919	2.698	15.3	19.4

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
198801 2005 EH_{172}			12 28.6 279.°92		0.°6/28.6 18	
	h m	° ′			°	m
11 27	6 54.54	+24 59.8	2.355	3.195	10.8	20.0
12 7	6 48.73	+25 2.9	2.269	3.183	7.8	19.7
12 17	6 41.04	+25 5.2	2.209	3.172	4.4	19.5
12 27	6 32.19	+25 5.0	2.179	3.161	0.8	19.2
1 6	6 23.11	+25 1.5	2.178	3.150	3.3	19.4
1 16	6 14.75	+24 54.3	2.207	3.139	6.9	19.6
1 26	6 7.99	+24 44.6	2.264	3.128	10.2	19.8
2 5	6 3.42	+24 33.4	2.344	3.117	13.0	20.0
124373 2001 QP_{152}			12 28.6 107.°17		0.°2/28.7 18	
11 27	7 0.60	+22 26.4	1.627	2.473	14.6	20.2
12 7	6 53.43	+22 29.8	1.569	2.486	10.5	20.0
12 17	6 43.72	+22 34.8	1.536	2.500	5.8	19.8
12 27	6 32.56	+22 39.1	1.530	2.513	0.9	19.5
1 6	6 21.36	+22 41.2	1.553	2.526	4.1	19.7
1 16	6 11.49	+22 40.9	1.604	2.538	8.8	20.0
1 26	6 4.05	+22 39.2	1.681	2.551	12.8	20.3
2 5	5 59.64	+22 37.3	1.779	2.562	16.1	20.6
365218 2009 HC_{49}			12 28.6 315.°85		6.°9/29.9 17	
11 27	6 54.02	+ 5 8.9	1.688	2.507	15.4	20.8
12 7	6 48.80	+ 4 57.0	1.611	2.497	12.3	20.6
12 17	6 41.27	+ 5 3.5	1.555	2.488	9.1	20.3
12 27	6 32.25	+ 5 30.4	1.525	2.480	7.0	20.2
1 6	6 22.87	+ 6 17.1	1.522	2.471	7.6	20.2
1 16	6 14.34	+ 7 20.5	1.546	2.463	10.5	20.4
1 26	6 7.74	+ 8 35.9	1.594	2.455	13.9	20.6
2 5	6 3.81	+ 9 57.5	1.664	2.447	17.0	20.8
489890 2008 HU_{62}			12 28.6 279.°90		2.°8/29.6 17	
11 27	6 57.68	+11 40.7	2.076	2.896	12.8	21.5
12 7	6 51.36	+12 31.4	1.972	2.871	9.7	21.2
12 17	6 42.74	+13 36.7	1.893	2.845	6.1	20.9
12 27	6 32.48	+14 54.9	1.843	2.819	3.0	20.7
1 6	6 21.57	+16 22.2	1.825	2.793	4.4	20.7
1 16	6 11.14	+17 53.9	1.837	2.766	8.2	20.9
1 26	6 2.33	+19 25.6	1.878	2.739	12.1	21.1
2 5	5 55.97	+20 53.9	1.943	2.712	15.4	21.3
215251 2001 LK_{18}			12 28.6 220.°58		4.°1/29.6 18	
11 27	6 55.96	+ 8 56.5	2.376	3.184	11.8	21.3
12 7	6 49.67	+ 9 3.5	2.287	3.174	9.1	21.1
12 17	6 41.55	+ 9 21.9	2.223	3.164	6.2	20.9
12 27	6 32.28	+ 9 51.8	2.188	3.152	4.2	20.8
1 6	6 22.71	+10 32.1	2.184	3.140	5.0	20.8
1 16	6 13.73	+11 20.8	2.210	3.128	7.7	20.9
1 26	6 6.21	+12 15.1	2.263	3.114	10.7	21.1
2 5	6 0.74	+13 12.4	2.341	3.100	13.4	21.3
157305 2004 SA_{26}			12 28.6 138.°53		0.°2/28.7 18	
11 27	6 59.99	+22 23.0	1.974	2.811	12.7	21.6
12 7	6 52.69	+22 27.8	1.910	2.823	9.2	21.4
12 17	6 43.22	+22 33.8	1.872	2.834	5.1	21.1
12 27	6 32.50	+22 39.0	1.862	2.845	0.8	20.8
1 6	6 21.72	+22 42.1	1.883	2.856	3.6	21.1
1 16	6 12.01	+22 42.9	1.934	2.865	7.7	21.4
1 26	6 4.34	+22 42.1	2.012	2.874	11.3	21.6
2 5	5 59.28	+22 40.7	2.112	2.883	14.3	21.8
9976 1993 TQ			12 28.6 73.°03		2.°5/28.2 18	
11 27	7 0.05	+27 39.8	1.732	2.577	13.8	17.1
12 7	6 53.03	+28 29.9	1.683	2.599	10.0	16.9
12 17	6 43.50	+29 17.6	1.659	2.620	5.8	16.8
12 27	6 32.55	+29 57.7	1.663	2.642	2.6	16.6
1 6	6 21.56	+30 26.8	1.696	2.664	4.8	16.8
1 16	6 11.88	+30 44.1	1.758	2.685	8.7	17.1
1 26	6 4.60	+30 51.2	1.845	2.707	12.2	17.3
2 5	6 0.30	+30 51.1	1.954	2.728	15.2	17.6
228528 2001 UT_{113}			12 28.6 358.°40		0.°6/28.6 18	
11 27	6 55.65	+22 51.8	1.176	2.047	17.2	19.7
12 7	6 50.86	+23 19.7	1.114	2.043	12.5	19.4
12 17	6 42.73	+23 52.0	1.074	2.041	7.0	19.1
12 27	6 32.48	+24 24.4	1.057	2.040	1.1	18.7
1 6	6 21.85	+24 52.8	1.065	2.040	5.2	19.0
1 16	6 12.68	+25 14.8	1.099	2.041	10.8	19.3
1 26	6 6.50	+25 30.6	1.154	2.043	15.9	19.6
2 5	6 4.11	+25 41.5	1.228	2.046	20.0	19.9
13120 1993 VU_7			12 28.6 41.°55		6.°4/31.2 18	
11 27	6 56.04	+ 2 46.1	1.658	2.465	16.1	17.8
12 7	6 49.92	+ 3 24.7	1.612	2.491	12.7	17.7
12 17	6 41.69	+ 4 25.5	1.588	2.518	9.2	17.5
12 27	6 32.29	+ 5 47.0	1.591	2.545	6.7	17.4
1 6	6 22.91	+ 7 24.5	1.622	2.573	7.0	17.5
1 16	6 14.66	+ 9 11.7	1.681	2.601	9.6	17.7
1 26	6 8.47	+11 1.8	1.767	2.629	12.6	18.0
2 5	6 4.88	+12 49.2	1.876	2.658	15.4	18.2

386715 2009 WT_{210} 12 28.6 309°.17 3°.1/28.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 56.85	+17 17.9	1.370	2.225	16.2	21.0
12 7	6 51.39	+16 52.9	1.292	2.211	12.0	20.7
12 17	6 42.94	+16 34.5	1.236	2.198	7.3	20.4
12 27	6 32.52	+16 23.2	1.206	2.185	3.3	20.1
1 6	6 21.63	+16 19.2	1.202	2.172	5.6	20.2
1 16	6 11.87	+16 22.2	1.223	2.160	10.6	20.5
1 26	6 4.67	+16 31.7	1.268	2.148	15.4	20.7
2 5	6 0.87	+16 46.4	1.333	2.136	19.5	21.0

408262 2013 FL_{11} 12 28.6 210°.95 2°.3/28.9 18

11 27	6 55.77	+16 11.0	2.172	3.003	11.9	22.1
12 7	6 49.63	+16 3.6	2.092	2.999	8.8	21.9
12 17	6 41.56	+16 2.1	2.038	2.995	5.3	21.7
12 27	6 32.30	+16 6.0	2.012	2.990	2.5	21.5
1 6	6 22.83	+16 14.8	2.016	2.984	4.0	21.6
1 16	6 14.11	+16 27.5	2.050	2.979	7.5	21.8
1 26	6 7.06	+16 43.6	2.111	2.973	10.9	22.0
2 5	6 2.25	+17 2.0	2.195	2.967	13.8	22.2

202815 2008 SQ_{62} 12 28.6 25°.73 5°.1/28.2 18

11 27	6 58.29	+37 26.7	2.057	2.888	12.5	20.1
12 7	6 51.77	+37 59.6	1.992	2.892	9.6	19.9
12 17	6 42.84	+38 22.4	1.952	2.895	6.8	19.8
12 27	6 32.49	+38 30.5	1.939	2.899	5.1	19.7
1 6	6 22.00	+38 21.6	1.955	2.904	6.2	19.8
1 16	6 12.67	+37 56.7	1.998	2.908	8.9	19.9
1 26	6 5.57	+37 19.3	2.067	2.913	11.8	20.1
2 5	6 1.31	+36 34.3	2.158	2.918	14.4	20.3

272387 2005 SL_{257} 12 28.6 45°.36 4°.9/29.3 18

11 27	6 57.07	+12 3.0	1.337	2.183	17.1	20.2
12 7	6 51.26	+11 47.5	1.281	2.191	12.9	20.0
12 17	6 42.68	+11 46.2	1.246	2.200	8.4	19.8
12 27	6 32.47	+11 59.9	1.236	2.209	5.1	19.6
1 6	6 22.12	+12 27.0	1.253	2.218	6.5	19.7
1 16	6 13.10	+13 4.8	1.295	2.227	10.6	20.0
1 26	6 6.63	+13 49.9	1.361	2.237	14.8	20.2
2 5	6 3.38	+14 38.4	1.447	2.247	18.4	20.5

95342 2002 CW_{132} 12 28.6 3°.71 0°.6/28.6 17

11 27	6 55.90	+24 24.2	1.895	2.742	12.7	19.7
12 7	6 50.00	+24 34.7	1.824	2.742	9.2	19.5
12 17	6 41.86	+24 45.3	1.778	2.742	5.1	19.3
12 27	6 32.36	+24 53.8	1.760	2.742	0.9	19.0
1 6	6 22.67	+24 58.5	1.770	2.743	3.8	19.2
1 16	6 13.96	+24 58.9	1.810	2.744	7.9	19.4
1 26	6 7.25	+24 56.1	1.875	2.744	11.7	19.7
2 5	6 3.17	+24 51.3	1.962	2.746	14.8	19.9

311854 2006 VS_{153} 12 28.6 53°.41 1°.5/28.9 18

11 27	6 56.26	+18 3.4	1.679	2.525	14.2	20.5
12 7	6 50.30	+18 19.5	1.620	2.537	10.3	20.3
12 17	6 42.02	+18 42.5	1.586	2.548	5.9	20.1
12 27	6 32.38	+19 10.1	1.579	2.561	1.8	19.9
1 6	6 22.63	+19 40.1	1.601	2.573	4.1	20.0
1 16	6 13.99	+20 10.5	1.650	2.586	8.4	20.3
1 26	6 7.51	+20 39.9	1.725	2.598	12.3	20.6
2 5	6 3.78	+21 7.8	1.822	2.611	15.6	20.8

514410 2016 TW_{56} 12 28.6 127°.39 2°.6/29.1 18

11 27	7 0.54	+15 11.8	1.833	2.663	13.9	21.5
12 7	6 53.12	+15 20.8	1.774	2.680	10.2	21.3
12 17	6 43.49	+15 37.9	1.741	2.697	6.1	21.1
12 27	6 32.59	+16 2.0	1.735	2.713	2.7	21.0
1 6	6 21.62	+16 30.9	1.760	2.728	4.4	21.1
1 16	6 11.78	+17 2.8	1.814	2.743	8.3	21.4
1 26	6 4.03	+17 35.9	1.895	2.757	11.9	21.6
2 5	5 58.97	+18 9.3	1.998	2.769	15.0	21.8

426611 2013 SQ_{46} 12 28.6 145°.48 3°.3/28.4 16

11 27	7 5.91	+30 47.9	1.692	2.528	14.5	22.7
12 7	6 57.41	+31 18.8	1.631	2.541	10.7	22.5
12 17	6 46.03	+31 43.3	1.595	2.552	6.5	22.2
12 27	6 32.95	+31 56.2	1.587	2.563	3.4	22.1
1 6	6 19.79	+31 54.8	1.608	2.573	5.4	22.2
1 16	6 8.10	+31 39.9	1.658	2.581	9.4	22.5
1 26	5 59.16	+31 15.2	1.733	2.589	13.2	22.7
2 5	5 53.62	+30 45.6	1.830	2.596	16.4	23.0

67058 1999 XY_{229} 12 28.6 170°.96 5°.6/27.7 18

11 27	7 2.99	+38 14.0	2.165	2.985	12.4	18.3
12 7	6 55.19	+39 8.8	2.097	2.989	9.6	18.1
12 17	6 44.80	+39 53.7	2.054	2.992	6.9	18.0
12 27	6 32.79	+40 22.7	2.040	2.994	5.6	17.9
1 6	6 20.53	+40 32.6	2.055	2.996	6.6	17.9
1 16	6 9.38	+40 23.5	2.099	2.997	9.2	18.1
1 26	6 0.54	+39 58.9	2.168	2.998	11.9	18.3
2 5	5 54.71	+39 24.0	2.259	2.998	14.4	18.5

17572 1994 PX_{11} 12 28.6 99°.74 0°.2/28.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 56.20	+23 35.0	2.094	2.936	11.9	18.5
12 7	6 49.97	+23 41.7	2.027	2.942	8.6	18.3
12 17	6 41.74	+23 48.9	1.985	2.949	4.7	18.0
12 27	6 32.35	+23 54.6	1.972	2.955	0.7	17.8
1 6	6 22.84	+23 57.6	1.989	2.962	3.4	18.0
1 16	6 14.26	+23 57.7	2.036	2.968	7.3	18.2
1 26	6 7.51	+23 55.5	2.109	2.974	10.7	18.5
2 5	6 3.17	+23 52.1	2.204	2.981	13.6	18.7

327517 2006 BY_{71} 12 28.6 28°.29 1°.0/28.5 17

11 27	6 55.51	+24 30.8	1.760	2.611	13.4	20.5
12 7	6 49.83	+24 58.1	1.698	2.618	9.6	20.3
12 17	6 41.79	+25 26.1	1.661	2.625	5.4	20.0
12 27	6 32.36	+25 51.7	1.651	2.633	1.2	19.8
1 6	6 22.78	+26 12.2	1.670	2.642	4.0	20.0
1 16	6 14.27	+26 26.5	1.716	2.651	8.3	20.3
1 26	6 7.90	+26 35.3	1.788	2.660	12.0	20.5
2 5	6 4.29	+26 39.8	1.882	2.670	15.2	20.7

182963 2002 JF_{122} 12 28.6 234°.07 3°.4/28.4 18

11 27	7 3.47	+30 54.7	1.579	2.423	15.0	20.6
12 7	6 56.11	+31 15.9	1.501	2.414	11.1	20.4
12 17	6 45.55	+31 30.9	1.446	2.405	6.8	20.1
12 27	6 32.93	+31 34.3	1.418	2.395	3.5	19.9
1 6	6 19.88	+31 23.1	1.418	2.384	5.7	20.0
1 16	6 8.15	+30 57.9	1.446	2.373	10.1	20.2
1 26	5 59.21	+30 22.9	1.498	2.362	14.4	20.5
2 5	5 53.89	+29 43.3	1.571	2.350	18.1	20.7

176422 2001 VU_{26} 12 28.6 99°.76 2°.7/28.2 18 R

11 27	6 59.02	+29 29.4	2.048	2.886	12.3	19.7
12 7	6 52.10	+30 11.0	1.990	2.901	8.9	19.5
12 17	6 42.96	+30 48.8	1.958	2.916	5.3	19.3
12 27	6 32.53	+31 18.8	1.954	2.931	2.8	19.2
1 6	6 21.99	+31 38.2	1.981	2.945	4.5	19.3
1 16	6 12.52	+31 46.6	2.036	2.959	7.9	19.6
1 26	6 5.13	+31 45.6	2.118	2.973	11.1	19.8
2 5	6 0.39	+31 38.0	2.222	2.987	13.9	20.0

184619 2005 RS_{21} 12 28.6 129°.88 1°.4/28.8 18

11 27	6 56.36	+18 44.5	2.255	3.088	11.5	21.1
12 7	6 49.89	+18 43.9	2.189	3.099	8.3	20.9
12 17	6 41.63	+18 47.0	2.150	3.110	4.8	20.7
12 27	6 32.34	+18 53.0	2.140	3.120	1.5	20.5
1 6	6 22.96	+19 0.8	2.160	3.131	3.4	20.7
1 16	6 14.45	+19 9.8	2.210	3.140	7.0	20.9
1 26	6 7.60	+19 19.8	2.288	3.150	10.2	21.1
2 5	6 2.94	+19 30.6	2.389	3.159	12.9	21.3

485792 2012 DK_{22} 12 28.6 222°.91 3°.2/29.5 18

11 27	6 54.31	+10 56.5	2.568	3.382	10.9	21.3
12 7	6 48.40	+11 10.4	2.480	3.373	8.2	21.1
12 17	6 40.84	+11 33.7	2.418	3.364	5.4	20.9
12 27	6 32.24	+12 6.2	2.385	3.355	3.3	20.7
1 6	6 23.38	+12 46.4	2.383	3.345	4.2	20.8
1 16	6 15.07	+13 32.6	2.412	3.334	6.9	20.9
1 26	6 8.09	+14 22.4	2.469	3.323	9.8	21.1
2 5	6 2.98	+15 13.8	2.550	3.312	12.4	21.3

305620 2009 AT_{24} 12 28.6 274°.27 1°.8/28.9 18

11 27	6 56.60	+17 37.4	1.754	2.597	13.8	21.1
12 7	6 50.74	+17 48.7	1.672	2.586	10.1	20.8
12 17	6 42.42	+18 7.3	1.614	2.575	5.9	20.6
12 27	6 32.51	+18 31.6	1.583	2.564	2.0	20.3
1 6	6 22.18	+18 59.6	1.581	2.553	4.3	20.4
1 16	6 12.73	+19 29.3	1.607	2.542	8.7	20.7
1 26	6 5.32	+19 59.5	1.659	2.530	12.8	20.9
2 5	6 0.71	+20 29.2	1.733	2.519	16.4	21.1

112577 2002 PA_{53} 12 28.6 126°.25 3°.7/28.3 17

11 27	6 58.01	+34 58.2	2.439	3.266	10.9	20.3
12 7	6 51.20	+35 19.5	2.372	3.273	8.2	20.1
12 17	6 42.41	+35 33.1	2.330	3.279	5.4	20.0
12 27	6 32.48	+35 35.8	2.318	3.285	3.7	19.9
1 6	6 22.47	+35 26.3	2.336	3.292	4.8	19.9
1 16	6 13.42	+35 5.0	2.383	3.298	7.4	20.1
1 26	6 6.21	+34 34.7	2.457	3.303	10.1	20.3
2 5	6 1.39	+33 58.8	2.554	3.309	12.5	20.5

309518 2007 XK_{4} 12 28.6 110°.45 1°.8/28.2 18

11 27	6 59.37	+24 45.2	1.854	2.697	13.2	20.4
12 7	6 52.63	+25 51.3	1.790	2.705	9.5	20.2
12 17	6 43.41	+26 59.3	1.750	2.713	5.4	19.9
12 27	6 32.65	+28 3.9	1.740	2.721	1.9	19.7
1 6	6 21.59	+29 0.2	1.760	2.729	4.4	19.9
1 16	6 11.54	+29 45.6	1.808	2.736	8.4	20.2
1 26	6 3.65	+30 20.0	1.884	2.744	12.1	20.4
2 5	5 58.62	+30 45.1	1.981	2.751	15.2	20.6

99710 2002 JX_{39} 12 28.6 204°.03 2°.4/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	7 0.27	+16 41.5	1.810	2.643	13.9	20.2
12 7	6 53.24	+16 38.6	1.730	2.639	10.2	20.0
12 17	6 43.75	+16 42.4	1.675	2.633	6.1	19.7
12 27	6 32.71	+16 52.0	1.648	2.627	2.5	19.5
1 6	6 21.34	+17 6.2	1.651	2.620	4.5	19.6
1 16	6 10.92	+17 23.9	1.683	2.613	8.8	19.8
1 26	6 2.60	+17 44.1	1.741	2.604	12.8	20.0
2 5	5 57.08	+18 6.2	1.821	2.595	16.1	20.2

513610 2011 GO_{67} 12 28.6 236°.28 3°.1/28.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 1.93	+29 23.3	1.880	2.718	13.2	21.9
12 7	6 54.76	+30 12.7	1.794	2.705	9.8	21.7
12 17	6 44.77	+31 0.1	1.732	2.690	5.9	21.4
12 27	6 32.88	+31 39.9	1.699	2.675	3.1	21.2
1 6	6 20.42	+32 7.7	1.695	2.659	5.2	21.3
1 16	6 8.87	+32 21.8	1.721	2.643	9.2	21.5
1 26	5 59.58	+32 23.8	1.772	2.626	13.0	21.7
2 5	5 53.42	+32 17.2	1.845	2.608	16.4	21.9

53645 2000 DY_{22} 12 28.6 98°.44 4°.0/28.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 5.63	+32 57.0	1.609	2.447	15.1	19.0
12 7	6 57.18	+33 20.8	1.560	2.469	11.1	18.8
12 17	6 45.85	+33 35.3	1.536	2.491	7.0	18.6
12 27	6 32.98	+33 35.5	1.539	2.512	4.1	18.5
1 6	6 20.25	+33 19.6	1.570	2.533	5.8	18.7
1 16	6 9.23	+32 49.9	1.630	2.553	9.6	18.9
1 26	6 1.11	+32 10.9	1.714	2.572	13.2	19.2
2 5	5 56.42	+31 28.2	1.820	2.591	16.3	19.4

150414 2000 FA_{23} 12 28.6 239°.50 6°.2/27.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 3.66	+35 48.6	1.744	2.578	14.3	19.8
12 7	6 56.41	+37 8.3	1.666	2.567	11.0	19.5
12 17	6 45.87	+38 21.2	1.612	2.557	7.8	19.3
12 27	6 33.06	+39 18.6	1.586	2.546	6.2	19.2
1 6	6 19.56	+39 54.3	1.588	2.534	7.7	19.3
1 16	6 7.18	+40 6.4	1.617	2.522	11.0	19.4
1 26	5 57.51	+39 58.3	1.671	2.510	14.5	19.6
2 5	5 51.52	+39 36.1	1.745	2.497	17.6	19.8

148838 2001 UP_{214} 12 28.6 100°.87 1°.8/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 56.29	+17 42.3	1.978	2.815	12.7	20.7
12 7	6 50.06	+17 42.1	1.914	2.825	9.2	20.5
12 17	6 41.83	+17 47.2	1.875	2.835	5.4	20.3
12 27	6 32.43	+17 56.8	1.864	2.844	2.0	20.1
1 6	6 22.93	+18 9.6	1.883	2.854	3.9	20.2
1 16	6 14.37	+18 24.6	1.931	2.863	7.7	20.5
1 26	6 7.67	+18 41.2	2.006	2.872	11.2	20.7
2 5	6 3.40	+18 58.7	2.103	2.881	14.1	20.9

482927 2014 HE_{195} 12 28.6 182°.70 6°.3/27.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 2.79	+37 39.5	1.930	2.758	13.4	20.9
12 7	6 55.45	+38 58.9	1.863	2.758	10.4	20.7
12 17	6 45.16	+40 9.3	1.820	2.758	7.6	20.6
12 27	6 32.94	+41 3.1	1.805	2.758	6.3	20.5
1 6	6 20.27	+41 35.2	1.819	2.758	7.5	20.5
1 16	6 8.74	+41 44.7	1.860	2.757	10.2	20.7
1 26	5 59.73	+41 35.1	1.926	2.756	13.2	20.9
2 5	5 54.05	+41 12.0	2.013	2.754	15.9	21.1

164509 2006 GH_{53} 12 28.7 145°.17 0°.9/28.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 54.33	+17 52.1	2.862	3.687	9.6	20.5
12 7	6 48.24	+18 22.8	2.790	3.696	6.9	20.4
12 17	6 40.69	+18 57.9	2.745	3.705	3.9	20.2
12 27	6 32.27	+19 35.8	2.731	3.713	1.1	20.0
1 6	6 23.72	+20 14.6	2.749	3.721	2.8	20.1
1 16	6 15.75	+20 52.6	2.799	3.728	5.7	20.4
1 26	6 9.05	+21 29.0	2.877	3.735	8.5	20.5
2 5	6 4.09	+22 3.0	2.981	3.742	10.8	20.7

372957 2011 BA_{97} 12 28.7 228°.26 0°.8/28.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 54.46	+19 32.6	2.474	3.307	10.6	21.4
12 7	6 48.61	+19 46.2	2.389	3.300	7.7	21.2
12 17	6 41.01	+20 3.4	2.331	3.293	4.4	21.0
12 27	6 32.33	+20 22.9	2.303	3.285	1.1	20.8
1 6	6 23.41	+20 43.2	2.305	3.277	3.1	20.9
1 16	6 15.12	+21 3.3	2.338	3.269	6.6	21.1
1 26	6 8.28	+21 22.5	2.398	3.261	9.7	21.3
2 5	6 3.46	+21 40.8	2.482	3.252	12.5	21.5

393515 2002 SG_{61} 12 28.7 118°.29 1°.0/28.8 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 58.50	+19 24.4	2.229	3.060	11.7	22.2
12 7	6 51.40	+19 36.1	2.171	3.080	8.4	22.0
12 17	6 42.47	+19 51.3	2.140	3.101	4.7	21.8
12 27	6 32.52	+20 8.3	2.138	3.120	1.2	21.6
1 6	6 22.56	+20 25.6	2.167	3.139	3.3	21.8
1 16	6 13.53	+20 42.3	2.227	3.157	6.9	22.0
1 26	6 6.26	+20 58.1	2.314	3.174	10.1	22.3
2 5	6 1.26	+21 13.0	2.425	3.191	12.8	22.5

407148 2009 TK_{35} 12 28.7 59°.11 2°.0/28.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 56.35	+17 40.6	1.893	2.732	13.1	20.8
12 7	6 50.00	+17 31.0	1.846	2.758	9.5	20.7
12 17	6 41.71	+17 26.6	1.823	2.783	5.5	20.5
12 27	6 32.41	+17 26.9	1.829	2.809	2.2	20.3
1 6	6 23.18	+17 31.2	1.864	2.834	4.0	20.5
1 16	6 15.05	+17 38.7	1.928	2.860	7.7	20.8
1 26	6 8.87	+17 48.8	2.018	2.885	11.1	21.0
2 5	6 5.10	+18 0.9	2.131	2.911	13.9	21.3

139285 2001 JJ_{7} 12 28.7 173°.86 0°.6/28.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 57.39	+20 12.9	2.161	2.996	11.9	20.8
12 7	6 50.85	+20 29.6	2.087	2.999	8.6	20.6
12 17	6 42.29	+20 49.9	2.039	3.001	4.8	20.3
12 27	6 32.52	+21 11.8	2.020	3.002	1.0	20.1
1 6	6 22.54	+21 33.5	2.031	3.003	3.4	20.3
1 16	6 13.38	+21 53.8	2.072	3.004	7.3	20.5
1 26	6 5.98	+22 12.2	2.141	3.004	10.7	20.7
2 5	6 0.94	+22 29.0	2.233	3.003	13.6	20.9

19599 Brycemelton 12 28.7 225°.23 0°.5/28.6 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 58.74	+23 6.7	1.890	2.732	13.0	18.5
12 7	6 52.21	+23 35.8	1.810	2.725	9.4	18.3
12 17	6 43.22	+24 7.4	1.755	2.718	5.3	18.0
12 27	6 32.67	+24 38.1	1.728	2.711	0.9	17.7
1 6	6 21.73	+25 5.1	1.730	2.703	3.9	17.9
1 16	6 11.69	+25 26.7	1.762	2.694	8.3	18.2
1 26	6 3.70	+25 43.0	1.820	2.686	12.2	18.4
2 5	5 58.50	+25 55.1	1.901	2.677	15.5	18.6

47396 1999 XB_{115} 12 28.7 282°.04 6°.4/28.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 3.44	+39 28.3	1.737	2.566	14.6	18.3
12 7	6 56.07	+39 52.9	1.660	2.556	11.4	18.0
12 17	6 45.52	+40 3.4	1.606	2.546	8.3	17.8
12 27	6 33.00	+39 53.6	1.578	2.536	6.4	17.7
1 6	6 20.19	+39 20.6	1.578	2.526	7.5	17.7
1 16	6 8.84	+38 26.5	1.605	2.516	10.6	17.9
1 26	6 0.36	+37 17.4	1.657	2.506	14.0	18.1
2 5	5 55.47	+36 0.8	1.730	2.496	17.2	18.3

74121 1998 QT_{53} 12 28.7 112°.71 2°.4/28.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 6.20	+30 19.0	1.765	2.599	14.2	19.7
12 7	6 57.26	+30 15.7	1.712	2.622	10.3	19.5
12 17	6 45.79	+30 5.0	1.685	2.644	6.0	19.3
12 27	6 33.00	+29 44.2	1.686	2.665	2.5	19.1
1 6	6 20.41	+29 12.9	1.718	2.686	4.6	19.3
1 16	6 9.40	+28 33.3	1.779	2.706	8.6	19.6
1 26	6 1.03	+27 49.8	1.866	2.725	12.2	19.9
2 5	5 55.80	+27 6.1	1.976	2.743	15.3	20.1

439463 2013 YO_{44} 12 28.7 33°.13 0°.3/28.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 58.57	+20 54.6	1.355	2.212	16.2	21.0
12 7	6 52.60	+21 21.7	1.293	2.216	11.7	20.7
12 17	6 43.61	+21 54.6	1.254	2.219	6.6	20.4
12 27	6 32.75	+22 29.6	1.240	2.223	1.0	20.1
1 6	6 21.60	+23 2.9	1.254	2.228	4.7	20.3
1 16	6 11.81	+23 32.2	1.294	2.232	9.9	20.6
1 26	6 4.73	+23 56.9	1.358	2.237	14.6	20.9
2 5	6 1.12	+24 17.5	1.441	2.242	18.4	21.2

301897 1998 SE_{12} 12 28.7 36°.71 14°.6/28.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 11.75	+52 1.7	1.210	2.021	20.7	19.1
12 7	7 3.58	+54 5.3	1.196	2.053	17.8	19.0
12 17	6 50.10	+55 34.5	1.201	2.086	15.6	18.9
12 27	6 33.65	+56 16.5	1.226	2.120	14.6	19.0
1 6	6 17.57	+56 8.1	1.273	2.154	15.1	19.1
1 16	6 4.87	+55 16.4	1.340	2.190	16.7	19.3
1 26	5 57.33	+53 54.9	1.427	2.226	18.6	19.6
2 5	5 55.23	+52 17.5	1.530	2.262	20.4	19.8

212610 2006 ST_{325} 12 28.7 145°.16 5°.7/29.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 55.40	+ 7 1.4	2.085	2.895	13.2	20.9
12 7	6 49.33	+ 6 27.7	2.017	2.901	10.3	20.7
12 17	6 41.42	+ 6 6.5	1.974	2.906	7.6	20.5
12 27	6 32.42	+ 5 59.7	1.958	2.911	5.8	20.4
1 6	6 23.30	+ 6 7.5	1.971	2.916	6.5	20.5
1 16	6 15.00	+ 6 28.8	2.012	2.920	8.9	20.6
1 26	6 8.36	+ 7 1.3	2.079	2.925	11.7	20.8
2 5	6 3.93	+ 7 41.6	2.168	2.928	14.3	21.0

174450 2002 XO_{75} 12 28.7 19°.35 1°.8/28.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 58.54	+28 45.6	1.537	2.390	14.8	19.4
12 7	6 52.28	+28 34.0	1.474	2.394	10.8	19.1
12 17	6 43.27	+28 16.6	1.435	2.399	6.2	18.9
12 27	6 32.69	+27 51.2	1.423	2.404	2.0	18.6
1 6	6 22.05	+27 17.4	1.438	2.410	4.6	18.8
1 16	6 12.82	+26 37.4	1.481	2.416	9.2	19.1
1 26	6 6.18	+25 54.9	1.548	2.423	13.4	19.3
2 5	6 2.73	+25 13.2	1.636	2.431	16.8	19.6

202481 2006 BR_6 12 28.7 182°.50 1°.6/28.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	7 0.74	+27 38.4	2.054	2.889	12.4	20.8
12 7	6 53.42	+27 50.4	1.979	2.890	9.0	20.6
12 17	6 43.79	+27 59.4	1.930	2.891	5.1	20.4
12 27	6 32.78	+28 2.4	1.910	2.890	1.8	20.1
1 6	6 21.58	+27 57.8	1.920	2.889	4.0	20.3
1 16	6 11.40	+27 45.7	1.960	2.888	7.8	20.5
1 26	6 3.27	+27 28.3	2.026	2.886	11.4	20.7
2 5	5 57.84	+27 8.0	2.116	2.883	14.4	20.9

326543 2002 PQ_{18} 12 28.7 119°.00 3°.4/29.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 53.44	+11 22.0	2.362	3.183	11.5	20.5
12 7	6 47.82	+11 24.6	2.291	3.188	8.6	20.3
12 17	6 40.55	+11 36.4	2.246	3.193	5.7	20.1
12 27	6 32.31	+11 57.5	2.229	3.198	3.5	20.0
1 6	6 23.93	+12 26.6	2.242	3.203	4.4	20.1
1 16	6 16.24	+13 2.0	2.285	3.208	7.2	20.3
1 26	6 10.00	+13 41.9	2.355	3.213	10.0	20.4
2 5	6 5.73	+14 24.1	2.448	3.218	12.6	20.6

175732 1998 EW_8 12 28.7 223°.61 3°.2/28.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 2.85	+29 57.0	1.639	2.483	14.6	20.9
12 7	6 55.61	+30 29.4	1.562	2.476	10.8	20.6
12 17	6 45.31	+30 57.5	1.509	2.468	6.5	20.4
12 27	6 33.03	+31 15.7	1.483	2.460	3.3	20.1
1 6	6 20.31	+31 20.7	1.485	2.452	5.5	20.3
1 16	6 8.81	+31 12.0	1.515	2.442	9.8	20.5
1 26	5 59.96	+30 52.7	1.571	2.433	14.0	20.7
2 5	5 54.58	+30 27.3	1.647	2.423	17.5	20.9

97460 2000 CQ_{19} 12 28.7 244°.74 0°.3/28.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 55.64	+24 33.3	2.292	3.131	11.1	19.7
12 7	6 49.54	+24 26.6	2.214	3.128	8.0	19.5
12 17	6 41.56	+24 18.9	2.162	3.125	4.5	19.2
12 27	6 32.46	+24 8.9	2.138	3.121	0.7	18.9
1 6	6 23.20	+23 56.1	2.145	3.118	3.2	19.1
1 16	6 14.75	+23 40.9	2.182	3.114	6.9	19.4
1 26	6 7.97	+23 24.3	2.246	3.111	10.2	19.6
2 5	6 3.43	+23 7.8	2.334	3.107	13.0	19.8

391143 2005 YN_{57} 12 28.7 337°.60 1°.4/28.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 57.27	+25 31.1	1.300	2.164	16.3	21.0
12 7	6 51.96	+25 45.8	1.230	2.156	11.9	20.7
12 17	6 43.41	+26 0.4	1.182	2.148	6.7	20.4
12 27	6 32.76	+26 10.8	1.158	2.140	1.6	20.1
1 6	6 21.67	+26 14.4	1.161	2.134	5.1	20.3
1 16	6 11.95	+26 10.5	1.189	2.128	10.5	20.6
1 26	6 5.09	+26 1.2	1.240	2.123	15.4	20.8
2 5	6 1.92	+25 49.0	1.310	2.119	19.5	21.1

408998 2002 VB_{27} 12 28.7 18°.53 8°.9/28.4 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 53.82	+ 7 42.6	1.345	2.185	17.3	19.3
12 7	6 48.65	+ 5 45.1	1.307	2.204	13.8	19.1
12 17	6 41.13	+ 4 4.4	1.291	2.224	10.5	19.0
12 27	6 32.38	+ 2 47.5	1.299	2.246	8.9	18.9
1 6	6 23.77	+ 1 58.0	1.333	2.270	9.8	19.0
1 16	6 16.53	+ 1 35.9	1.390	2.295	12.4	19.3
1 26	6 11.62	+ 1 37.9	1.470	2.321	15.4	19.5
2 5	6 9.52	+ 1 58.1	1.568	2.349	18.0	19.8

317828 2003 SE_{308} 12 28.7 109°.60 1°.6/28.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 55.54	+19 5.2	2.300	3.134	11.3	20.9
12 7	6 49.31	+18 43.9	2.233	3.143	8.2	20.7
12 17	6 41.35	+18 25.4	2.192	3.152	4.7	20.5
12 27	6 32.43	+18 9.4	2.181	3.161	1.7	20.3
1 6	6 23.45	+17 56.2	2.200	3.170	3.5	20.5
1 16	6 15.32	+17 45.8	2.249	3.179	6.9	20.7
1 26	6 8.80	+17 38.5	2.325	3.187	10.0	20.9
2 5	6 4.40	+17 34.4	2.425	3.196	12.7	21.1

32964 1996 PS_3 12 28.7 229°.65 0°.5/28.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 58.94	+20 54.6	1.908	2.747	13.0	19.6
12 7	6 52.33	+21 8.3	1.824	2.737	9.5	19.3
12 17	6 43.31	+21 25.5	1.764	2.727	5.3	19.0
12 27	6 32.74	+21 44.1	1.733	2.716	1.0	18.7
1 6	6 21.78	+22 2.0	1.732	2.705	3.8	18.9
1 16	6 11.68	+22 18.0	1.760	2.693	8.2	19.2
1 26	6 3.58	+22 32.0	1.815	2.680	12.2	19.4
2 5	5 58.20	+22 44.5	1.891	2.667	15.6	19.6

69503 1997 CF_{16} 12 28.7 67°.36 4°.8/29.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 56.77	+10 12.4	1.596	2.429	15.5	19.7
12 7	6 50.72	+10 11.7	1.540	2.442	11.7	19.5
12 17	6 42.32	+10 25.5	1.507	2.455	7.8	19.3
12 27	6 32.58	+10 53.9	1.500	2.469	5.0	19.2
1 6	6 22.73	+11 34.7	1.520	2.482	6.0	19.3
1 16	6 14.02	+12 24.7	1.569	2.496	9.5	19.5
1 26	6 7.49	+13 20.3	1.642	2.510	13.1	19.7
2 5	6 3.73	+14 18.0	1.736	2.524	16.3	20.0

301727 2010 GK_{119} 12 28.7 170°.94 5°.2/29.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 56.93	+ 8 56.3	2.143	2.955	12.8	21.7
12 7	6 50.41	+ 8 15.5	2.071	2.958	9.9	21.5
12 17	6 42.02	+ 7 45.0	2.024	2.961	7.1	21.3
12 27	6 32.54	+ 7 26.5	2.006	2.963	5.3	21.2
1 6	6 22.91	+ 7 20.9	2.017	2.965	6.1	21.3
1 16	6 14.10	+ 7 27.7	2.056	2.966	8.7	21.4
1 26	6 6.97	+ 7 45.3	2.122	2.967	11.6	21.6
2 5	6 2.05	+ 8 11.2	2.211	2.967	14.2	21.8

22563 Xinwang 12 28.7 116°.97 4°.4/29.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 0.67	+12 54.5	1.619	2.451	15.3	18.5
12 7	6 53.41	+12 25.3	1.564	2.467	11.5	18.3
12 17	6 43.77	+12 6.4	1.531	2.483	7.4	18.1
12 27	6 32.78	+11 58.6	1.526	2.498	4.5	18.0
1 6	6 21.78	+12 1.7	1.550	2.512	5.9	18.1
1 16	6 12.04	+12 14.8	1.601	2.526	9.6	18.4
1 26	6 4.60	+12 36.0	1.678	2.539	13.3	18.6
2 5	6 0.05	+13 2.8	1.776	2.552	16.4	18.9

501542 2014 JE_{56} 12 28.7 42°.36 3°.2/30.0 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 5.22	+ 6 41.2	0.885	1.734	23.4	20.1
12 7	6 58.63	+ 9 16.9	0.828	1.741	17.7	19.8
12 17	6 47.59	+12 37.6	0.790	1.749	10.8	19.5
12 27	6 33.43	+16 30.6	0.778	1.758	4.0	19.1
1 6	6 18.42	+20 32.1	0.793	1.767	6.4	19.3
1 16	6 5.17	+24 17.4	0.834	1.777	13.3	19.7
1 26	5 55.90	+27 31.3	0.900	1.787	19.4	20.1
2 5	5 51.70	+30 9.8	0.983	1.797	24.2	20.5

112309 2002 LQ_{48} 12 28.7 44°.85 3°.1/29.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 54.17	+12 56.6	1.954	2.786	13.0	19.3
12 7	6 48.61	+13 11.4	1.889	2.795	9.7	19.1
12 17	6 41.10	+13 36.5	1.849	2.803	6.1	18.9
12 27	6 32.42	+14 11.0	1.837	2.812	3.3	18.8
1 6	6 23.58	+14 52.8	1.854	2.821	4.5	18.9
1 16	6 15.61	+15 39.4	1.900	2.830	7.9	19.1
1 26	6 9.41	+16 28.3	1.972	2.840	11.3	19.3
2 5	6 5.54	+17 17.1	2.066	2.849	14.2	19.6

154667 2004 FW_{108} 12 28.7 123°.21 2°.8/29.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 59.74	+16 1.6	1.677	2.515	14.6	20.3
12 7	6 52.79	+15 51.1	1.617	2.527	10.7	20.1
12 17	6 43.46	+15 48.0	1.580	2.538	6.5	19.9
12 27	6 32.76	+15 52.0	1.571	2.549	3.0	19.7
1 6	6 21.96	+16 2.1	1.591	2.560	4.8	19.9
1 16	6 12.34	+16 17.0	1.639	2.570	8.9	20.1
1 26	6 4.96	+16 35.9	1.713	2.579	12.8	20.4
2 5	6 0.42	+16 57.3	1.808	2.589	16.0	20.6

193756 2001 KA_{51} 12 28.7 148°.10 3°.4/29.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 53.32	+11 20.3	2.875	3.687	9.9	20.5
12 7	6 47.45	+10 54.3	2.805	3.696	7.5	20.3
12 17	6 40.25	+10 34.9	2.761	3.704	5.1	20.2
12 27	6 32.29	+10 22.9	2.747	3.711	3.4	20.1
1 6	6 24.27	+10 18.6	2.764	3.719	4.2	20.1
1 16	6 16.85	+10 21.5	2.811	3.726	6.4	20.3
1 26	6 10.65	+10 30.8	2.886	3.732	8.8	20.5
2 5	6 6.10	+10 45.4	2.985	3.738	10.9	20.6

421095 2013 QH_{56} 12 28.7 138°.27 2°.8/29.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 53.38	+12 36.0	2.555	3.376	10.7	21.9
12 7	6 47.69	+12 41.8	2.484	3.382	8.0	21.7
12 17	6 40.46	+12 55.5	2.438	3.388	5.1	21.5
12 27	6 32.33	+13 16.7	2.422	3.394	3.0	21.4
1 6	6 24.07	+13 44.2	2.436	3.400	3.9	21.5
1 16	6 16.45	+14 16.6	2.480	3.405	6.6	21.6
1 26	6 10.19	+14 52.3	2.553	3.411	9.4	21.8
2 5	6 5.77	+15 29.6	2.649	3.415	11.8	22.0

212164 2005 GO_{13} 12 28.7 208°.22 3°.2/27.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 59.94	+29 58.8	2.156	2.991	11.9	20.8
12 7	6 53.02	+30 59.1	2.078	2.986	8.8	20.6
12 17	6 43.71	+31 57.1	2.025	2.981	5.4	20.3
12 27	6 32.83	+32 47.6	2.002	2.976	3.2	20.2
1 6	6 21.54	+33 26.6	2.009	2.970	4.9	20.3
1 16	6 11.07	+33 52.4	2.045	2.963	8.2	20.5
1 26	6 2.55	+34 5.9	2.109	2.957	11.5	20.7
2 5	5 56.73	+34 9.9	2.195	2.949	14.3	20.9

355304 2007 RL_{251} 12 28.7 37°.30 1°.9/28.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 59.37	+27 40.6	1.294	2.155	16.6	20.7
12 7	6 53.06	+27 43.9	1.249	2.173	11.9	20.5
12 17	6 43.74	+27 43.1	1.226	2.191	6.8	20.3
12 27	6 32.80	+27 34.9	1.229	2.210	2.1	20.0
1 6	6 21.97	+27 18.1	1.258	2.230	5.0	20.3
1 16	6 12.87	+26 54.3	1.313	2.250	9.9	20.6
1 26	6 6.72	+26 26.9	1.391	2.272	14.2	20.9
2 5	6 4.05	+25 58.9	1.490	2.293	17.8	21.2

102830 1999 VU_{187} 12 28.7 86°.84 0°.4/28.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	7 2.21	+22 28.8	1.422	2.272	16.0	19.9
12 7	6 54.93	+23 2.3	1.372	2.291	11.5	19.7
12 17	6 44.77	+23 38.6	1.346	2.311	6.3	19.5
12 27	6 32.96	+24 13.3	1.347	2.330	1.0	19.1
1 6	6 21.12	+24 42.9	1.376	2.349	4.5	19.4
1 16	6 10.82	+25 5.7	1.432	2.367	9.5	19.8
1 26	6 3.30	+25 22.3	1.513	2.386	13.8	20.1
2 5	5 59.16	+25 34.3	1.614	2.403	17.3	20.4

484298 2007 RD_{297} 12 28.7 42°.83 1°.2/28.5 17

11 27	6 58.26	+24 48.8	1.462	2.318	15.3	21.5
12 7	6 52.17	+25 16.3	1.407	2.329	11.0	21.3
12 17	6 43.28	+25 44.3	1.375	2.340	6.2	21.0
12 27	6 32.75	+26 8.8	1.369	2.352	1.5	20.7
1 6	6 22.10	+26 26.7	1.391	2.364	4.6	21.0
1 16	6 12.83	+26 37.1	1.440	2.376	9.4	21.3
1 26	6 6.17	+26 41.1	1.513	2.389	13.6	21.6
2 5	6 2.75	+26 40.9	1.606	2.402	17.0	21.8

335294 2005 PL_{11} 12 28.7 126°.55 2°.3/29.1 18

11 27	7 0.80	+15 57.0	1.864	2.693	13.7	22.2
12 7	6 53.34	+16 4.6	1.805	2.712	10.0	22.0
12 17	6 43.69	+16 19.5	1.772	2.729	6.0	21.8
12 27	6 32.80	+16 40.3	1.767	2.746	2.5	21.6
1 6	6 21.86	+17 5.2	1.793	2.762	4.3	21.8
1 16	6 12.03	+17 32.5	1.848	2.777	8.2	22.0
1 26	6 4.28	+18 1.0	1.929	2.791	11.8	22.3
2 5	5 59.19	+18 29.7	2.034	2.805	14.8	22.5

126156 2001 YE_{149} 12 28.7 104°.93 4°.2/28.3 18

11 27	7 3.44	+33 9.9	1.675	2.515	14.5	19.1
12 7	6 55.74	+33 42.9	1.620	2.529	10.8	18.9
12 17	6 45.19	+34 7.5	1.588	2.543	6.9	18.7
12 27	6 33.03	+34 18.3	1.584	2.556	4.3	18.6
1 6	6 20.82	+34 12.8	1.608	2.569	5.9	18.7
1 16	6 10.12	+33 52.2	1.660	2.582	9.5	19.0
1 26	6 2.14	+33 20.6	1.738	2.595	13.1	19.2
2 5	5 57.49	+32 43.3	1.836	2.607	16.1	19.5

54857 2001 OY_{22} 12 28.7 194°.63 9°.6/29.6 18

11 27	6 55.07	−11 27.1	2.890	3.587	12.5	19.9
12 7	6 48.78	−12 34.6	2.818	3.584	11.2	19.8
12 17	6 41.05	−13 24.0	2.768	3.580	10.1	19.7
12 27	6 32.44	−13 51.6	2.743	3.575	9.6	19.7
1 6	6 23.64	−13 55.7	2.743	3.570	9.8	19.7
1 16	6 15.38	−13 36.8	2.770	3.564	10.6	19.7
1 26	6 8.33	−12 57.5	2.819	3.556	11.8	19.8
2 5	6 2.96	−12 2.2	2.890	3.549	13.2	19.9

251262 2006 VL_{143} 12 28.7 90°.86 0°.7/28.8 18

11 27	6 57.42	+21 17.5	1.870	2.712	13.1	20.9
12 7	6 51.03	+21 13.3	1.806	2.721	9.4	20.7
12 17	6 42.46	+21 11.3	1.767	2.730	5.3	20.5
12 27	6 32.64	+21 10.2	1.756	2.739	1.1	20.2
1 6	6 22.72	+21 9.1	1.775	2.747	3.7	20.4
1 16	6 13.86	+21 7.8	1.822	2.756	7.9	20.7
1 26	6 7.02	+21 6.7	1.895	2.764	11.6	20.9
2 5	6 2.79	+21 6.3	1.991	2.773	14.7	21.1

37698 1995 YL_{8} 12 28.7 98°.88 0°.5/28.7 18

11 27	6 56.11	+21 30.8	2.072	2.913	12.1	19.2
12 7	6 49.97	+21 33.4	2.005	2.919	8.7	19.0
12 17	6 41.84	+21 37.9	1.963	2.926	4.9	18.8
12 27	6 32.55	+21 43.1	1.950	2.932	0.9	18.5
1 6	6 23.14	+21 47.8	1.966	2.939	3.4	18.7
1 16	6 14.65	+21 51.5	2.012	2.945	7.3	19.0
1 26	6 7.96	+21 54.4	2.084	2.951	10.8	19.2
2 5	6 3.65	+21 57.1	2.180	2.957	13.7	19.4

194652 2001 XL_{177} 12 28.7 8°.71 2°.2/28.9 18

11 27	6 54.20	+18 40.2	1.084	1.958	18.1	19.3
12 7	6 49.85	+18 35.4	1.030	1.959	13.3	19.0
12 17	6 42.24	+18 39.0	0.996	1.962	7.7	18.7
12 27	6 32.63	+18 50.0	0.984	1.966	2.5	18.4
1 6	6 22.79	+19 6.3	0.998	1.972	5.5	18.6
1 16	6 14.50	+19 25.9	1.035	1.979	11.1	18.9
1 26	6 9.20	+19 47.5	1.093	1.988	16.1	19.3
2 5	6 7.60	+20 9.8	1.170	1.997	20.2	19.6

49834 1999 XC_{84} 12 28.7 164°.56 0°.7/28.8 18

11 27	7 0.63	+18 46.0	1.723	2.562	14.2	18.7
12 7	6 53.66	+19 30.7	1.653	2.566	10.3	18.5
12 17	6 44.10	+20 22.9	1.608	2.570	5.8	18.2
12 27	6 32.90	+21 18.8	1.590	2.573	1.1	17.9
1 6	6 21.37	+22 14.3	1.603	2.575	4.1	18.1
1 16	6 10.87	+23 5.9	1.644	2.578	8.7	18.4
1 26	6 2.60	+23 52.0	1.713	2.579	12.8	18.7
2 5	5 57.30	+24 32.5	1.803	2.580	16.2	18.9

180695 2004 HA_{31} 12 28.7 226°.15 3°.8/28.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 59.63	+33 43.4	2.210	3.041	11.8	20.6
12 7	6 52.73	+34 16.1	2.130	3.033	8.8	20.4
12 17	6 43.50	+34 42.3	2.075	3.026	5.8	20.1
12 27	6 32.81	+34 57.7	2.048	3.018	3.8	20.0
1 6	6 21.81	+34 59.7	2.052	3.009	5.2	20.1
1 16	6 11.74	+34 48.4	2.084	3.001	8.2	20.3
1 26	6 3.67	+34 26.0	2.144	2.992	11.3	20.4
2 5	5 58.28	+33 56.5	2.225	2.982	14.1	20.6

458080 2010 AN_{46} 12 28.7 35°.48 1°.0/28.7 18

11 27	6 56.30	+27 4.7	2.197	3.038	11.5	20.6
12 7	6 50.05	+26 53.5	2.126	3.040	8.3	20.4
12 17	6 41.86	+26 39.1	2.080	3.043	4.7	20.2
12 27	6 32.55	+26 20.1	2.063	3.046	1.2	20.0
1 6	6 23.16	+25 56.3	2.077	3.048	3.4	20.1
1 16	6 14.71	+25 28.6	2.119	3.051	7.1	20.4
1 26	6 8.06	+24 58.9	2.189	3.054	10.4	20.6
2 5	6 3.75	+24 29.2	2.282	3.058	13.2	20.8

27793 1993 FL_{1} 12 28.7 245°.28 4°.2/28.0 18

11 27	7 1.74	+31 18.6	1.570	2.416	15.0	17.8
12 7	6 55.00	+32 11.4	1.497	2.411	11.1	17.6
12 17	6 45.07	+32 59.7	1.449	2.406	7.0	17.3
12 27	6 33.06	+33 36.6	1.427	2.400	4.3	17.2
1 6	6 20.58	+33 57.3	1.432	2.394	6.3	17.3
1 16	6 9.35	+34 0.7	1.465	2.389	10.4	17.5
1 26	6 0.89	+33 49.8	1.522	2.383	14.4	17.7
2 5	5 56.02	+33 29.6	1.599	2.377	17.9	17.9

220082 2002 RY_{243} 12 28.7 240°.54 2°.4/28.5 18

11 27	7 2.07	+28 46.5	1.512	2.361	15.3	21.0
12 7	6 55.14	+28 58.7	1.439	2.356	11.2	20.7
12 17	6 45.08	+29 6.3	1.388	2.350	6.6	20.5
12 27	6 33.05	+29 5.0	1.364	2.344	2.6	20.2
1 6	6 20.69	+28 52.4	1.368	2.338	5.2	20.4
1 16	6 9.67	+28 29.4	1.400	2.332	9.9	20.6
1 26	6 1.42	+27 59.4	1.455	2.326	14.4	20.9
2 5	5 56.72	+27 26.6	1.532	2.319	18.1	21.1

457663 2009 DN_{1} 12 28.7 246°.68 0°.7/28.7 16

11 27	7 17.36	+26 29.8	0.902	1.760	22.3	22.4
12 7	7 8.68	+26 4.4	0.816	1.738	16.7	22.0
12 17	6 53.98	+25 30.5	0.748	1.713	9.8	21.5
12 27	6 34.51	+24 41.3	0.703	1.686	1.7	20.9
1 6	6 13.15	+23 33.6	0.684	1.657	7.4	21.1
1 16	5 53.57	+22 13.3	0.688	1.626	16.1	21.4
1 26	5 38.90	+20 52.4	0.712	1.592	23.9	21.7
2 5	5 30.61	+19 41.3	0.751	1.557	30.4	22.0

224706 2006 BR_{102} 12 28.7 19°.70 0°.5/28.6 17

11 27	6 55.88	+24 38.8	1.940	2.786	12.5	20.5
12 7	6 49.98	+24 40.7	1.871	2.788	9.0	20.3
12 17	6 41.92	+24 42.0	1.827	2.791	5.0	20.1
12 27	6 32.58	+24 40.9	1.810	2.793	0.9	19.8
1 6	6 23.09	+24 36.4	1.823	2.796	3.6	20.0
1 16	6 14.59	+24 28.4	1.865	2.799	7.7	20.2
1 26	6 8.04	+24 18.1	1.932	2.802	11.4	20.5
2 5	6 4.05	+24 6.9	2.022	2.806	14.4	20.7

401234 2012 AM_{23} 12 28.7 118°.70 1°.8/28.5 17

11 27	6 58.44	+28 16.0	1.951	2.793	12.7	21.3
12 7	6 51.86	+28 25.8	1.882	2.796	9.2	21.1
12 17	6 42.98	+28 32.0	1.838	2.799	5.3	20.9
12 27	6 32.75	+28 31.8	1.822	2.802	2.0	20.7
1 6	6 22.37	+28 23.8	1.835	2.805	4.1	20.8
1 16	6 13.06	+28 8.3	1.877	2.808	8.0	21.1
1 26	6 5.84	+27 47.6	1.946	2.811	11.6	21.3
2 5	6 1.33	+27 24.2	2.037	2.813	14.6	21.5

418828 2008 WN_{3} 12 28.7 146°.76 2°.6/28.9 17

11 27	6 53.80	+14 57.5	2.602	3.427	10.4	21.7
12 7	6 47.95	+14 36.7	2.530	3.432	7.7	21.5
12 17	6 40.61	+14 21.1	2.484	3.437	4.8	21.4
12 27	6 32.40	+14 11.0	2.468	3.442	2.7	21.2
1 6	6 24.10	+14 6.3	2.482	3.447	3.8	21.3
1 16	6 16.47	+14 6.9	2.527	3.451	6.5	21.5
1 26	6 10.20	+14 12.2	2.599	3.455	9.3	21.7
2 5	6 5.77	+14 21.4	2.695	3.459	11.7	21.9

320137 2007 EN_{213} 12 28.7 153°.25 2°.4/28.3 17

11 27	6 57.23	+31 9.9	2.748	3.576	9.8	22.3
12 7	6 50.50	+31 36.0	2.679	3.584	7.2	22.1
12 17	6 42.06	+31 57.7	2.636	3.591	4.4	22.0
12 27	6 32.62	+32 12.4	2.623	3.598	2.5	21.8
1 6	6 23.07	+32 18.3	2.642	3.604	3.8	21.9
1 16	6 14.27	+32 15.6	2.691	3.610	6.4	22.1
1 26	6 7.02	+32 5.4	2.768	3.615	9.1	22.3
2 5	6 1.83	+31 50.1	2.869	3.620	11.4	22.5

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
418743 2008 UO_{149}			12 28.7	108°.59	0°.5/28.8	17
	h m	° ′			°	m
11 27	6 54.80	+21 1.8	2.480	3.314	10.5	22.3
12 7	6 48.75	+21 9.5	2.415	3.327	7.6	22.2
12 17	6 41.08	+21 19.3	2.377	3.339	4.2	22.0
12 27	6 32.48	+21 29.9	2.368	3.351	0.8	21.7
1 6	6 23.80	+21 40.1	2.390	3.362	3.0	21.9
1 16	6 15.89	+21 49.4	2.442	3.374	6.3	22.2
1 26	6 9.48	+21 57.6	2.522	3.385	9.3	22.4
2 5	6 5.06	+22 5.1	2.626	3.396	11.8	22.6
120459 1990 SQ_{6}			12 28.7	86°.28	2°.2/29.0	18
11 27	7 0.53	+17 0.5	1.539	2.381	15.4	20.2
12 7	6 53.45	+17 7.4	1.490	2.403	11.2	20.0
12 17	6 43.86	+17 22.1	1.464	2.424	6.5	19.7
12 27	6 32.88	+17 42.7	1.465	2.445	2.4	19.5
1 6	6 21.93	+18 7.0	1.495	2.466	4.6	19.7
1 16	6 12.34	+18 33.1	1.553	2.487	9.0	20.0
1 26	6 5.20	+18 59.9	1.636	2.507	13.0	20.3
2 5	6 1.07	+19 26.5	1.740	2.527	16.3	20.6
510600 2012 TK_{15}			12 28.7	90°.73	20°.2/28.6	17
11 27	7 33.02	+60 30.5	1.098	1.869	24.8	20.9
12 7	7 22.39	+63 9.4	1.076	1.888	22.6	20.8
12 17	7 2.27	+65 5.1	1.070	1.906	21.0	20.8
12 27	6 35.66	+65 54.9	1.082	1.924	20.2	20.8
1 6	6 8.99	+65 30.4	1.111	1.942	20.6	20.9
1 16	5 48.54	+64 2.4	1.157	1.960	21.8	21.0
1 26	5 37.24	+61 53.1	1.219	1.977	23.4	21.2
2 5	5 34.66	+59 24.4	1.295	1.993	25.0	21.4
270174 2001 ST_{240}			12 28.7	150°.00	1°.2/28.5	18
11 27	7 1.74	+25 51.3	1.975	2.811	12.8	22.0
12 7	6 54.14	+26 10.9	1.909	2.821	9.2	21.8
12 17	6 44.23	+26 29.1	1.869	2.831	5.2	21.5
12 27	6 32.96	+26 42.7	1.858	2.840	1.4	21.3
1 6	6 21.56	+26 49.7	1.877	2.848	3.9	21.5
1 16	6 11.26	+26 49.9	1.926	2.855	7.9	21.8
1 26	6 3.10	+26 44.9	2.002	2.862	11.5	22.0
2 5	5 57.68	+26 36.6	2.100	2.868	14.5	22.2
481778 2008 SW_{98}			12 28.7	65°.10	0°.2/28.7	18
11 27	6 59.20	+21 34.5	1.474	2.326	15.4	21.0
12 7	6 52.77	+21 52.5	1.419	2.339	11.1	20.8
12 17	6 43.61	+22 14.1	1.388	2.352	6.2	20.5
12 27	6 32.87	+22 36.3	1.383	2.366	0.9	20.2
1 6	6 22.03	+22 56.4	1.406	2.379	4.3	20.5
1 16	6 12.57	+23 13.2	1.456	2.393	9.2	20.8
1 26	6 5.66	+23 26.7	1.531	2.406	13.5	21.1
2 5	6 1.93	+23 37.7	1.626	2.420	16.9	21.4
30384 Robertirelan			12 28.7	59°.61	1°.0/28.8	18
11 27	6 56.78	+19 48.3	1.737	2.583	13.8	18.7
12 7	6 50.74	+19 58.6	1.675	2.592	9.9	18.5
12 17	6 42.39	+20 13.5	1.638	2.601	5.6	18.3
12 27	6 32.69	+20 31.2	1.628	2.610	1.3	18.0
1 6	6 22.85	+20 49.6	1.647	2.619	3.9	18.2
1 16	6 14.10	+21 7.6	1.693	2.629	8.3	18.5
1 26	6 7.46	+21 24.7	1.766	2.639	12.1	18.8
2 5	6 3.55	+21 40.7	1.861	2.648	15.3	19.0
116910 2004 GR_{9}			12 28.7	138°.39	4°.1/27.9	18
11 27	7 3.87	+31 41.7	1.823	2.658	13.7	20.2
12 7	6 56.06	+32 45.9	1.762	2.670	10.1	20.0
12 17	6 45.46	+33 44.7	1.727	2.681	6.5	19.8
12 27	6 33.15	+34 31.8	1.720	2.691	4.1	19.7
1 6	6 20.60	+35 2.6	1.742	2.701	5.8	19.8
1 16	6 9.28	+35 16.4	1.793	2.710	9.3	20.1
1 26	6 0.48	+35 15.8	1.870	2.718	12.7	20.3
2 5	5 54.89	+35 5.3	1.969	2.726	15.7	20.5
185219 2006 TO_{61}			12 28.7	147°.39	0°.8/28.8	18
11 27	6 57.18	+20 55.4	2.014	2.853	12.4	20.8
12 7	6 50.82	+20 55.1	1.944	2.857	9.0	20.6
12 17	6 42.38	+20 57.2	1.899	2.861	5.0	20.4
12 27	6 32.70	+21 0.6	1.882	2.864	1.1	20.1
1 6	6 22.86	+21 3.9	1.895	2.868	3.6	20.3
1 16	6 13.96	+21 7.0	1.938	2.871	7.6	20.6
1 26	6 6.93	+21 9.9	2.007	2.874	11.2	20.8
2 5	6 2.37	+21 13.0	2.099	2.876	14.2	21.0
121617 1999 VX_{157}			12 28.7	17°.95	1°.0/28.8	18
11 27	6 55.24	+20 36.9	1.955	2.799	12.6	19.7
12 7	6 49.48	+20 29.8	1.885	2.800	9.1	19.5
12 17	6 41.65	+20 25.4	1.839	2.802	5.1	19.3
12 27	6 32.59	+20 22.7	1.822	2.804	1.3	19.0
1 6	6 23.38	+20 21.1	1.834	2.806	3.7	19.2
1 16	6 15.08	+20 20.2	1.874	2.809	7.7	19.5
1 26	6 8.65	+20 20.3	1.941	2.811	11.3	19.7
2 5	6 4.68	+20 21.6	2.030	2.814	14.4	19.9

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
487440 2014 RU_{36}			12 28.7	57°.74	4°.8/28.1	17
	h m	° ′			°	m
11 27	6 59.37	+36 1.3	2.024	2.856	12.6	21.6
12 7	6 52.69	+36 40.8	1.957	2.859	9.6	21.4
12 17	6 43.53	+37 11.4	1.915	2.861	6.6	21.2
12 27	6 32.87	+37 28.3	1.900	2.864	4.9	21.1
1 6	6 22.01	+37 28.7	1.915	2.866	6.0	21.2
1 16	6 12.27	+37 13.1	1.957	2.869	8.9	21.3
1 26	6 4.77	+36 44.7	2.024	2.872	11.9	21.5
2 5	6 0.17	+36 8.1	2.114	2.874	14.6	21.7
219247 1999 XS_{116}			12 28.7	68°.35	0°.0/28.5	18
11 27	6 57.98	+23 24.6	1.971	2.812	12.6	19.4
12 7	6 51.22	+23 21.9	1.922	2.837	9.0	19.2
12 17	6 42.47	+23 19.2	1.899	2.862	4.9	19.0
12 27	6 32.69	+23 15.2	1.904	2.887	0.7	18.7
1 6	6 23.00	+23 9.2	1.939	2.912	3.5	19.0
1 16	6 14.44	+23 1.3	2.003	2.937	7.4	19.3
1 26	6 7.88	+22 52.5	2.094	2.961	10.8	19.5
2 5	6 3.78	+22 44.0	2.208	2.986	13.6	19.8
53881 2000 FW_{37}			12 28.7	37°.46	2°.9/28.2	18
11 27	6 59.93	+26 33.7	1.299	2.160	16.6	18.4
12 7	6 53.86	+27 35.0	1.243	2.166	12.0	18.2
12 17	6 44.48	+28 36.9	1.210	2.174	7.0	17.9
12 27	6 33.04	+29 31.9	1.202	2.181	3.0	17.7
1 6	6 21.29	+30 14.3	1.220	2.190	5.8	17.9
1 16	6 11.06	+30 41.8	1.265	2.198	10.7	18.2
1 26	6 3.84	+30 56.0	1.332	2.207	15.1	18.5
2 5	6 0.39	+31 0.4	1.419	2.216	18.8	18.8
180635 2004 FG_{165}			12 28.7	163°.88	3°.3/29.2	18
11 27	6 55.79	+13 8.1	2.230	3.054	12.0	21.3
12 7	6 49.61	+12 52.8	2.158	3.058	9.0	21.1
12 17	6 41.64	+12 45.2	2.111	3.061	5.8	20.9
12 27	6 32.60	+12 45.6	2.093	3.064	3.4	20.8
1 6	6 23.42	+12 53.6	2.104	3.067	4.5	20.8
1 16	6 15.01	+13 8.5	2.145	3.069	7.6	21.0
1 26	6 8.20	+13 28.9	2.213	3.071	10.6	21.2
2 5	6 3.53	+13 53.3	2.305	3.072	13.4	21.4
483093 2015 MG_{78}			12 28.7	32°.39	1°.3/28.6	17
11 27	7 0.58	+24 7.3	1.248	2.109	17.1	20.1
12 7	6 53.84	+22 58.9	1.200	2.124	12.3	19.9
12 17	6 44.16	+21 47.8	1.174	2.140	6.9	19.6
12 27	6 32.95	+20 35.9	1.174	2.157	1.6	19.3
1 6	6 21.97	+19 26.8	1.201	2.175	5.0	19.6
1 16	6 12.78	+18 24.7	1.255	2.193	10.2	20.0
1 26	6 6.55	+17 32.6	1.332	2.213	14.7	20.3
2 5	6 3.75	+16 51.7	1.429	2.233	18.4	20.6
317362 2002 NZ_{15}			12 28.7	187°.31	0°.1/28.7	18
11 27	6 58.46	+22 30.9	2.294	3.127	11.3	21.7
12 7	6 51.63	+22 49.7	2.215	3.126	8.2	21.5
12 17	6 42.82	+23 9.9	2.163	3.125	4.6	21.2
12 27	6 32.79	+23 29.6	2.141	3.124	0.7	20.9
1 6	6 22.53	+23 46.8	2.149	3.121	3.3	21.2
1 16	6 13.05	+24 0.6	2.188	3.118	7.0	21.4
1 26	6 5.28	+24 11.2	2.255	3.115	10.4	21.6
2 5	5 59.80	+24 19.3	2.345	3.110	13.2	21.8
481360 2006 FM_{25}			12 28.7	42°.94	3°.3/29.0	18
11 27	6 58.03	+16 23.0	1.270	2.126	17.2	19.4
12 7	6 51.96	+16 2.1	1.227	2.146	12.6	19.1
12 17	6 43.13	+15 50.6	1.207	2.168	7.5	18.9
12 27	6 32.83	+15 48.5	1.211	2.190	3.5	18.8
1 6	6 22.62	+15 54.6	1.242	2.212	5.5	18.9
1 16	6 14.00	+16 7.7	1.299	2.235	10.1	19.3
1 26	6 8.07	+16 26.1	1.379	2.259	14.3	19.6
2 5	6 5.39	+16 47.9	1.478	2.283	17.8	19.9
273262 Cottam			12 28.7	280°.11	2°.2/28.9	18
11 27	6 54.19	+17 16.5	2.317	3.150	11.2	20.6
12 7	6 48.47	+16 52.0	2.240	3.148	8.2	20.4
12 17	6 41.01	+16 31.2	2.188	3.146	5.0	20.2
12 27	6 32.53	+16 14.6	2.166	3.144	2.3	20.0
1 6	6 23.90	+16 2.4	2.173	3.141	3.8	20.1
1 16	6 16.01	+15 54.7	2.211	3.139	7.1	20.3
1 26	6 9.65	+15 51.4	2.275	3.137	10.2	20.5
2 5	6 5.35	+15 52.1	2.362	3.135	12.9	20.7
218082 2002 GU_{118}			12 28.7	168°.79	0°.9/28.6	18
11 27	7 2.94	+24 41.3	2.082	2.912	12.4	21.6
12 7	6 54.99	+25 6.5	2.009	2.919	9.0	21.3
12 17	6 44.73	+25 31.6	1.963	2.925	5.0	21.1
12 27	6 33.09	+25 53.2	1.947	2.929	1.1	20.8
1 6	6 21.25	+26 8.9	1.962	2.933	3.7	21.1
1 16	6 10.40	+26 18.2	2.008	2.935	7.7	21.3
1 26	6 1.59	+26 21.9	2.081	2.937	11.3	21.5
2 5	5 55.47	+26 21.9	2.177	2.937	14.3	21.7

359228 2009 DL_{138} 12 28.7 217°.22 1°.2/28.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 58.68	+26 21.9	2.099	2.937	12.0	22.1
12 7	6 52.02	+26 35.8	2.019	2.932	8.7	21.9
12 17	6 43.13	+26 48.2	1.963	2.926	5.0	21.6
12 27	6 32.86	+26 56.3	1.937	2.919	1.4	21.4
1 6	6 22.33	+26 58.3	1.941	2.912	3.8	21.5
1 16	6 12.67	+26 54.1	1.974	2.905	7.7	21.7
1 26	6 4.92	+26 44.9	2.035	2.897	11.2	21.9
2 5	5 59.74	+26 32.8	2.118	2.889	14.3	22.1

156821 2003 BM_{57} 12 28.7 5°.55 0°.4/28.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 58.05	+22 17.1	1.289	2.150	16.6	19.9
12 7	6 52.40	+22 16.7	1.226	2.150	12.0	19.6
12 17	6 43.64	+22 19.0	1.185	2.151	6.8	19.3
12 27	6 32.95	+22 21.8	1.168	2.151	1.1	19.0
1 6	6 22.00	+22 23.2	1.179	2.153	4.8	19.2
1 16	6 12.47	+22 23.0	1.215	2.155	10.2	19.5
1 26	6 5.76	+22 21.9	1.274	2.158	15.0	19.8
2 5	6 2.61	+22 21.0	1.352	2.161	19.0	20.1

97650 2000 FN_{2} 12 28.7 204°.28 2°.1/29.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 53.29	+15 35.2	2.751	3.576	9.9	20.1
12 7	6 47.63	+15 29.2	2.669	3.572	7.3	19.9
12 17	6 40.50	+15 28.1	2.614	3.568	4.5	19.7
12 27	6 32.48	+15 31.8	2.588	3.564	2.2	19.6
1 6	6 24.29	+15 39.8	2.593	3.560	3.4	19.7
1 16	6 16.67	+15 51.4	2.628	3.555	6.2	19.8
1 26	6 10.32	+16 6.0	2.692	3.550	9.0	20.0
2 5	6 5.71	+16 22.9	2.780	3.545	11.4	20.2

91796 1999 TE_{230} 12 28.7 141°.01 5°.2/29.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 53.91	+ 6 56.5	2.222	3.031	12.5	19.1
12 7	6 48.29	+ 6 44.2	2.150	3.034	9.8	18.9
12 17	6 40.93	+ 6 44.6	2.103	3.037	7.1	18.7
12 27	6 32.54	+ 6 58.6	2.084	3.040	5.3	18.6
1 6	6 23.99	+ 7 25.8	2.094	3.042	5.9	18.7
1 16	6 16.16	+ 8 4.2	2.132	3.045	8.2	18.8
1 26	6 9.84	+ 8 51.3	2.196	3.047	11.0	19.0
2 5	6 5.58	+ 9 43.8	2.284	3.050	13.5	19.2

449299 2013 EY_{111} 12 28.7 39°.79 2°.3/29.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 55.93	+15 58.4	1.782	2.623	13.7	21.1
12 7	6 50.16	+16 11.0	1.713	2.625	10.1	20.9
12 17	6 42.13	+16 32.0	1.669	2.628	6.0	20.7
12 27	6 32.73	+17 0.1	1.652	2.631	2.5	20.5
1 6	6 23.10	+17 33.3	1.664	2.634	4.3	20.6
1 16	6 14.42	+18 9.3	1.703	2.637	8.4	20.8
1 26	6 7.72	+18 46.2	1.769	2.641	12.2	21.1
2 5	6 3.65	+19 22.7	1.857	2.644	15.4	21.3

484319 2007 TX_{141} 12 28.7 54°.00 7°.9/27.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 3.35	+40 1.3	1.678	2.508	14.9	20.9
12 7	6 56.34	+41 34.5	1.620	2.512	11.9	20.7
12 17	6 45.94	+42 55.6	1.586	2.517	9.1	20.5
12 27	6 33.32	+43 55.1	1.578	2.522	7.9	20.5
1 6	6 20.24	+44 27.2	1.596	2.526	9.1	20.5
1 16	6 8.59	+44 31.4	1.641	2.531	11.8	20.7
1 26	5 59.94	+44 12.7	1.708	2.536	14.7	20.9
2 5	5 55.12	+43 38.5	1.795	2.541	17.4	21.1

439550 2014 DG_{26} 12 28.7 216°.23 3°.5/29.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 57.83	+14 9.7	1.669	2.506	14.7	21.4
12 7	6 51.67	+14 2.7	1.596	2.504	11.0	21.2
12 17	6 43.05	+14 5.3	1.546	2.501	6.9	20.9
12 27	6 32.88	+14 17.7	1.523	2.498	3.6	20.7
1 6	6 22.41	+14 38.7	1.528	2.495	5.2	20.8
1 16	6 12.93	+15 6.5	1.561	2.492	9.2	21.1
1 26	6 5.59	+15 39.2	1.620	2.489	13.2	21.3
2 5	6 1.09	+16 14.8	1.699	2.485	16.7	21.5

46162 2001 FM_{78} 12 28.7 297°.34 8°.6/29.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 54.94	+ 1 48.0	1.779	2.580	15.4	18.9
12 7	6 49.39	+ 0 56.3	1.709	2.577	12.7	18.7
12 17	6 41.69	+ 0 22.8	1.661	2.575	10.2	18.5
12 27	6 32.67	+ 0 11.6	1.639	2.572	8.7	18.4
1 6	6 23.41	+ 0 23.8	1.642	2.569	9.2	18.4
1 16	6 15.01	+ 0 58.1	1.671	2.566	11.3	18.6
1 26	6 8.47	+ 1 50.4	1.725	2.564	14.1	18.7
2 5	6 4.44	+ 2 55.2	1.799	2.561	16.7	18.9

474382 2002 SX_{69} 12 28.7 106°.10 0°.7/28.6 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 3.32	+24 20.8	1.614	2.457	14.8	22.9
12 7	6 55.49	+24 34.3	1.562	2.477	10.6	22.7
12 17	6 45.04	+24 47.4	1.534	2.498	5.9	22.5
12 27	6 33.15	+24 57.1	1.535	2.517	1.1	22.2
1 6	6 21.29	+25 1.2	1.564	2.536	4.2	22.5
1 16	6 10.88	+25 0.0	1.622	2.555	8.8	22.8
1 26	6 3.04	+24 54.9	1.705	2.573	12.8	23.1
2 5	5 58.34	+24 48.1	1.810	2.590	16.0	23.3

418573 2008 SA_{173} 12 28.7 119°.20 2°.2/28.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 56.67	+29 51.8	2.583	3.415	10.2	22.1
12 7	6 50.17	+30 18.4	2.519	3.428	7.4	21.9
12 17	6 41.94	+30 41.3	2.482	3.440	4.5	21.7
12 27	6 32.69	+30 57.9	2.475	3.451	2.2	21.6
1 6	6 23.36	+31 6.4	2.498	3.463	3.7	21.7
1 16	6 14.84	+31 6.7	2.551	3.474	6.6	21.9
1 26	6 7.92	+31 0.1	2.632	3.485	9.3	22.1
2 5	6 3.12	+30 48.7	2.737	3.495	11.7	22.3

129122 2004 XA_{126} 12 28.7 20°.76 5°.5/29.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 53.15	+ 8 3.6	1.730	2.558	14.7	19.0
12 7	6 48.11	+ 7 55.9	1.668	2.564	11.4	18.8
12 17	6 40.96	+ 8 3.6	1.629	2.571	8.0	18.6
12 27	6 32.57	+ 8 27.5	1.616	2.578	5.7	18.5
1 6	6 24.01	+ 9 6.2	1.630	2.586	6.4	18.5
1 16	6 16.39	+ 9 57.0	1.671	2.595	9.3	18.7
1 26	6 10.66	+10 55.8	1.737	2.604	12.6	18.9
2 5	6 7.42	+11 58.7	1.825	2.613	15.6	19.1

417855 2007 JN 12 28.7 163°.35 0°.3/28.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 56.84	+21 7.0	2.484	3.315	10.6	20.9
12 7	6 50.42	+22 4.9	2.407	3.317	7.7	20.7
12 17	6 42.17	+23 6.8	2.358	3.320	4.2	20.4
12 27	6 32.75	+24 9.5	2.339	3.322	0.7	20.2
1 6	6 23.05	+25 9.4	2.353	3.324	3.1	20.4
1 16	6 13.99	+26 4.0	2.397	3.326	6.6	20.6
1 26	6 6.43	+26 52.2	2.471	3.328	9.7	20.8
2 5	6 0.97	+27 33.8	2.568	3.329	12.3	21.0

176964 2002 XS_{53} 12 28.7 58°.55 3°.2/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 56.32	+15 27.3	1.814	2.652	13.6	20.2
12 7	6 50.34	+15 1.2	1.746	2.655	10.1	20.0
12 17	6 42.19	+14 41.9	1.701	2.657	6.3	19.8
12 27	6 32.75	+14 30.1	1.684	2.660	3.3	19.6
1 6	6 23.15	+14 25.8	1.696	2.663	4.9	19.7
1 16	6 14.53	+14 28.7	1.736	2.665	8.6	19.9
1 26	6 7.87	+14 37.9	1.801	2.668	12.2	20.1
2 5	6 3.78	+14 52.2	1.889	2.671	15.3	20.4

400604 2009 BJ_{120} 12 28.7 223°.62 3°.1/29.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 57.03	+12 27.0	2.233	3.053	12.1	21.9
12 7	6 50.69	+12 39.3	2.144	3.043	9.1	21.7
12 17	6 42.38	+13 1.3	2.081	3.032	5.8	21.5
12 27	6 32.80	+13 32.5	2.047	3.020	3.3	21.3
1 6	6 22.87	+14 11.2	2.043	3.008	4.4	21.3
1 16	6 13.59	+14 55.4	2.070	2.996	7.7	21.5
1 26	6 5.87	+15 42.8	2.124	2.982	11.0	21.7
2 5	6 0.37	+16 31.4	2.202	2.969	13.9	21.9

285175 1996 GJ_{3} 12 28.7 299°.67 0°.2/28.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 55.01	+21 45.3	2.048	2.891	12.1	21.4
12 7	6 49.44	+22 1.3	1.965	2.881	8.8	21.2
12 17	6 41.75	+22 20.1	1.907	2.871	4.9	20.9
12 27	6 32.71	+22 39.9	1.878	2.860	0.8	20.6
1 6	6 23.35	+22 58.5	1.877	2.850	3.5	20.8
1 16	6 14.75	+23 15.0	1.906	2.840	7.6	21.0
1 26	6 7.92	+23 29.0	1.961	2.831	11.3	21.2
2 5	6 3.52	+23 40.9	2.039	2.821	14.4	21.4

448789 2011 SV_{168} 12 28.7 41°.22 12°.6/29.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 55.00	− 7 25.4	1.748	2.507	17.3	20.8
12 7	6 49.42	− 8 56.5	1.691	2.510	15.3	20.7
12 17	6 41.70	−10 2.2	1.655	2.513	13.5	20.6
12 27	6 32.69	−10 36.5	1.641	2.517	12.6	20.5
1 6	6 23.50	−10 36.6	1.650	2.520	12.9	20.6
1 16	6 15.24	−10 3.9	1.682	2.523	14.2	20.6
1 26	6 8.88	− 9 3.6	1.735	2.527	16.0	20.8
2 5	6 5.05	− 7 43.4	1.807	2.531	18.0	20.9

447601 2006 UN_{109} 12 28.7 21°.46 12°.0/29.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 54.67	− 6 3.7	1.781	2.546	16.8	20.5
12 7	6 49.16	− 7 36.9	1.722	2.548	14.7	20.3
12 17	6 41.55	− 8 46.6	1.684	2.550	13.0	20.2
12 27	6 32.67	− 9 26.5	1.669	2.552	12.1	20.2
1 6	6 23.61	− 9 33.9	1.678	2.554	12.4	20.2
1 16	6 15.44	− 9 9.8	1.710	2.557	13.8	20.3
1 26	6 9.14	− 8 18.8	1.764	2.559	15.7	20.4
2 5	6 5.31	− 7 8.1	1.836	2.562	17.7	20.6

172542 2003 UU_{48} 12 28.7 47°.58 4°.3/29.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 59.18	+12 41.0	1.295	2.141	17.5	19.8
12 7	6 52.59	+12 40.0	1.262	2.174	13.0	19.7
12 17	6 43.41	+12 53.0	1.251	2.207	8.1	19.5
12 27	6 32.92	+13 19.0	1.266	2.240	4.5	19.4
1 6	6 22.65	+13 55.1	1.307	2.274	5.9	19.5
1 16	6 13.99	+14 37.8	1.374	2.308	10.0	19.9
1 26	6 7.98	+15 23.8	1.465	2.342	13.9	20.2
2 5	6 5.10	+16 10.2	1.577	2.376	17.2	20.5

298543 2003 WK_{130} 12 28.7 46°.86 3°.3/28.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	7 0.54	+28 35.0	1.367	2.223	16.1	19.8
12 7	6 53.97	+29 28.8	1.325	2.246	11.7	19.6
12 17	6 44.37	+30 18.8	1.307	2.268	6.9	19.4
12 27	6 33.08	+30 58.5	1.314	2.292	3.4	19.2
1 6	6 21.81	+31 23.9	1.348	2.316	5.7	19.4
1 16	6 12.20	+31 34.6	1.409	2.340	10.0	19.7
1 26	6 5.50	+31 33.3	1.493	2.364	14.0	20.0
2 5	6 2.32	+31 24.1	1.598	2.389	17.3	20.3

479579 2014 CS_{17} 12 28.7 6°.44 1°.8/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 53.81	+18 17.9	1.011	1.888	18.8	20.3
12 7	6 49.85	+18 36.0	0.957	1.888	13.8	20.0
12 17	6 42.43	+19 5.4	0.923	1.890	7.9	19.7
12 27	6 32.83	+19 43.3	0.911	1.893	2.2	19.3
1 6	6 22.91	+20 25.3	0.922	1.897	5.5	19.6
1 16	6 14.56	+21 7.6	0.957	1.904	11.4	19.9
1 26	6 9.36	+21 47.5	1.013	1.912	16.7	20.2
2 5	6 8.07	+22 23.5	1.087	1.921	21.0	20.5

484229 2007 EO_{54} 12 28.7 112°.65 5°.4/28.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 1.04	+38 32.8	2.099	2.923	12.6	21.4
12 7	6 53.86	+39 6.0	2.034	2.928	9.7	21.2
12 17	6 44.19	+39 28.1	1.993	2.932	7.0	21.1
12 27	6 33.07	+39 34.3	1.980	2.937	5.4	21.0
1 6	6 21.81	+39 22.3	1.996	2.941	6.4	21.0
1 16	6 11.75	+38 53.4	2.039	2.945	9.0	21.2
1 26	6 4.00	+38 11.3	2.109	2.949	11.8	21.4
2 5	5 59.16	+37 21.4	2.200	2.953	14.3	21.6

208082 1999 WH_{15} 12 28.7 60°.99 1°.3/28.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 58.13	+20 9.6	1.588	2.437	14.7	20.0
12 7	6 51.87	+20 3.1	1.529	2.447	10.6	19.7
12 17	6 43.11	+20 0.5	1.494	2.457	6.0	19.5
12 27	6 32.91	+20 0.5	1.485	2.467	1.6	19.2
1 6	6 22.62	+20 2.1	1.505	2.478	4.3	19.4
1 16	6 13.56	+20 4.8	1.552	2.488	8.8	19.7
1 26	6 6.84	+20 8.8	1.624	2.499	12.9	20.0
2 5	6 3.05	+20 14.1	1.718	2.510	16.3	20.2

396168 2013 ER_{92} 12 28.7 293°.13 2°.3/28.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 58.01	+19 32.7	1.722	2.566	14.0	20.6
12 7	6 51.82	+18 48.0	1.639	2.554	10.3	20.4
12 17	6 43.15	+18 4.6	1.581	2.541	6.1	20.1
12 27	6 32.93	+17 23.4	1.550	2.529	2.5	19.8
1 6	6 22.41	+16 46.0	1.547	2.517	4.7	20.0
1 16	6 12.89	+16 13.9	1.573	2.505	9.1	20.2
1 26	6 5.50	+15 48.6	1.625	2.494	13.2	20.4
2 5	6 0.96	+15 30.5	1.697	2.482	16.7	20.6

271131 2003 SA_{71} 12 28.7 44°.21 1°.3/28.7 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 57.26	+27 36.0	1.972	2.816	12.5	20.8
12 7	6 50.93	+27 28.2	1.908	2.824	9.0	20.6
12 17	6 42.47	+27 16.7	1.869	2.832	5.1	20.3
12 27	6 32.81	+26 59.8	1.859	2.840	1.5	20.1
1 6	6 23.11	+26 37.1	1.878	2.849	3.7	20.3
1 16	6 14.49	+26 9.7	1.925	2.858	7.6	20.5
1 26	6 7.89	+25 39.8	1.999	2.867	11.1	20.8
2 5	6 3.86	+25 9.7	2.096	2.877	14.1	21.0

270170 2001 SH_{218} 12 28.7 164°.17 1°.3/28.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 1.67	+25 58.1	1.980	2.815	12.8	21.9
12 7	6 54.19	+26 19.9	1.910	2.821	9.2	21.7
12 17	6 44.36	+26 40.4	1.865	2.827	5.2	21.4
12 27	6 33.11	+26 56.3	1.850	2.832	1.5	21.2
1 6	6 21.67	+27 5.5	1.865	2.836	3.9	21.4
1 16	6 11.28	+27 7.4	1.910	2.839	8.0	21.6
1 26	6 3.01	+27 3.7	1.981	2.841	11.6	21.9
2 5	5 57.50	+26 56.3	2.075	2.843	14.6	22.1

369937 2013 GX_{37} 12 28.7 255°.10 3°.5/27.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 59.05	+30 25.2	1.981	2.821	12.6	20.8
12 7	6 52.64	+31 25.2	1.903	2.813	9.3	20.6
12 17	6 43.68	+32 22.7	1.849	2.806	5.8	20.3
12 27	6 33.03	+33 12.1	1.825	2.798	3.5	20.2
1 6	6 21.92	+33 49.2	1.829	2.790	5.3	20.3
1 16	6 11.70	+34 12.2	1.862	2.782	8.8	20.5
1 26	6 3.56	+34 22.0	1.921	2.774	12.2	20.7
2 5	5 58.31	+34 22.0	2.002	2.766	15.2	20.9

240140 2002 JN_{102} 12 28.7 212°.96 3°.4/27.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 0.86	+29 56.3	1.959	2.796	12.8	20.5
12 7	6 53.95	+31 0.0	1.881	2.791	9.5	20.3
12 17	6 44.42	+32 1.6	1.830	2.786	5.9	20.1
12 27	6 33.15	+32 55.2	1.807	2.781	3.5	19.9
1 6	6 21.41	+33 36.1	1.814	2.775	5.3	20.0
1 16	6 10.59	+34 2.4	1.850	2.769	8.9	20.2
1 26	6 1.93	+34 15.3	1.912	2.763	12.4	20.5
2 5	5 56.23	+34 18.0	1.995	2.756	15.4	20.6

254824 2005 QS_{141} 12 28.7 311°.00 3°.4/28.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 58.98	+31 56.4	1.892	2.732	13.0	20.6
12 7	6 52.52	+32 22.1	1.819	2.730	9.7	20.4
12 17	6 43.54	+32 41.7	1.772	2.728	6.0	20.2
12 27	6 33.01	+32 51.1	1.752	2.726	3.5	20.0
1 6	6 22.24	+32 47.8	1.761	2.724	5.1	20.1
1 16	6 12.56	+32 32.0	1.798	2.722	8.7	20.3
1 26	6 5.13	+32 6.7	1.860	2.720	12.2	20.6
2 5	6 0.62	+31 35.7	1.945	2.719	15.3	20.8

259425 2003 RZ_{20} 12 28.7 29°.62 1°.1/28.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 52.91	+25 55.9	2.314	3.158	10.9	19.6
12 7	6 47.60	+26 15.6	2.257	3.173	7.8	19.4
12 17	6 40.56	+26 34.3	2.226	3.189	4.4	19.2
12 27	6 32.55	+26 49.9	2.224	3.206	1.2	19.0
1 6	6 24.48	+27 0.8	2.251	3.223	3.3	19.2
1 16	6 17.25	+27 6.8	2.308	3.240	6.6	19.5
1 26	6 11.63	+27 8.2	2.392	3.258	9.6	19.7
2 5	6 8.11	+27 6.3	2.498	3.276	12.2	19.9

236018 2005 GV_{96} 12 28.7 12°.99 2°.2/28.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 55.24	+28 3.9	1.922	2.770	12.6	20.0
12 7	6 49.71	+28 36.5	1.856	2.773	9.1	19.8
12 17	6 41.92	+29 7.1	1.814	2.776	5.3	19.5
12 27	6 32.76	+29 31.9	1.800	2.780	2.3	19.4
1 6	6 23.40	+29 48.4	1.815	2.784	4.3	19.5
1 16	6 15.02	+29 55.7	1.858	2.789	8.0	19.7
1 26	6 8.65	+29 55.1	1.927	2.794	11.5	20.0
2 5	6 4.91	+29 48.8	2.018	2.800	14.5	20.2

305098 2007 VZ_{44} 12 28.7 349°.28 2°.3/28.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 58.38	+28 23.2	1.545	2.399	14.8	20.6
12 7	6 52.42	+28 36.6	1.476	2.396	10.8	20.3
12 17	6 43.61	+28 46.1	1.430	2.393	6.3	20.1
12 27	6 33.03	+28 48.1	1.411	2.391	2.4	19.8
1 6	6 22.18	+28 40.4	1.418	2.389	4.9	20.0
1 16	6 12.60	+28 23.5	1.453	2.388	9.5	20.2
1 26	6 5.59	+28 0.0	1.512	2.387	13.7	20.5
2 5	6 1.85	+27 33.5	1.592	2.386	17.2	20.7

523343 2017 BS_{140} 12 28.7 90°.04 2°.2/28.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 58.32	+28 56.0	1.939	2.781	12.7	21.6
12 7	6 51.89	+29 14.2	1.869	2.783	9.3	21.4
12 17	6 43.12	+29 28.6	1.824	2.785	5.4	21.2
12 27	6 32.95	+29 36.0	1.807	2.787	2.3	21.0
1 6	6 22.59	+29 34.4	1.820	2.788	4.3	21.1
1 16	6 13.28	+29 24.1	1.861	2.790	8.1	21.3
1 26	6 6.07	+29 7.0	1.928	2.792	11.7	21.6
2 5	6 1.60	+28 45.9	2.017	2.793	14.7	21.8

471410 2011 SH_{226} 12 28.7 42°.73 2°.3/28.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 57.80	+19 1.3	1.527	2.377	15.1	20.6
12 7	6 51.65	+18 28.6	1.470	2.387	11.0	20.4
12 17	6 42.99	+17 59.9	1.435	2.397	6.4	20.2
12 27	6 32.92	+17 35.9	1.427	2.407	2.5	20.0
1 6	6 22.80	+17 16.9	1.447	2.418	4.8	20.1
1 16	6 13.98	+17 3.4	1.494	2.429	9.2	20.4
1 26	6 7.52	+16 55.7	1.566	2.441	13.3	20.7
2 5	6 4.01	+16 53.4	1.659	2.453	16.7	20.9

226622 2004 EJ_{7} 12 28.7 241°.00 4°.9/28.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 2.97	+33 23.5	1.570	2.414	15.1	20.2
12 7	6 55.99	+34 8.5	1.498	2.408	11.4	20.0
12 17	6 45.74	+34 46.2	1.448	2.402	7.5	19.7
12 27	6 33.37	+35 9.7	1.425	2.396	4.9	19.6
1 6	6 20.56	+35 14.7	1.430	2.390	6.6	19.7
1 16	6 9.09	+35 1.0	1.461	2.383	10.6	19.9
1 26	6 0.49	+34 32.9	1.517	2.376	14.5	20.1
2 5	5 55.56	+33 56.1	1.593	2.370	18.0	20.3

266879 2009 VL_{73} 12 28.7 125°.77 0°.7/28.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 55.82	+20 42.1	2.379	3.213	10.9	21.6
12 7	6 49.59	+20 45.1	2.312	3.223	7.9	21.4
12 17	6 41.65	+20 50.4	2.271	3.233	4.4	21.2
12 27	6 32.72	+20 56.7	2.260	3.242	1.0	21.0
1 6	6 23.70	+21 3.1	2.279	3.251	3.1	21.2
1 16	6 15.47	+21 9.1	2.328	3.260	6.6	21.4
1 26	6 8.82	+21 14.6	2.405	3.269	9.7	21.6
2 5	6 4.26	+21 20.1	2.506	3.277	12.3	21.8

176291 2001 SU_{60} 12 28.7 205°.16 4°.8/29.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 55.20	+ 9 50.0	2.021	2.842	13.1	20.0
12 7	6 49.41	+ 9 25.0	1.947	2.841	10.1	19.8
12 17	6 41.67	+ 9 10.9	1.897	2.840	7.0	19.6
12 27	6 32.74	+ 9 8.9	1.875	2.838	4.9	19.4
1 6	6 23.61	+ 9 19.2	1.881	2.837	5.8	19.5
1 16	6 15.27	+ 9 40.5	1.916	2.835	8.6	19.7
1 26	6 8.63	+10 11.0	1.977	2.833	11.8	19.9
2 5	6 4.28	+10 47.7	2.060	2.831	14.6	20.0

322304 2011 FW_{120} 12 28.7 212°.37 0°.4/28.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 54.46	+24 28.3	2.973	3.803	9.1	22.1
12 7	6 48.49	+24 38.4	2.887	3.797	6.5	21.9
12 17	6 41.02	+24 48.2	2.828	3.789	3.6	21.7
12 27	6 32.64	+24 56.3	2.799	3.782	0.7	21.4
1 6	6 24.08	+25 1.7	2.802	3.774	2.7	21.6
1 16	6 16.08	+25 4.0	2.836	3.766	5.7	21.8
1 26	6 9.33	+25 3.5	2.899	3.757	8.4	22.0
2 5	6 4.33	+25 1.1	2.987	3.748	10.7	22.1

16523 1991 BP 12 28.7 11°.83 0°.5/28.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 59.23	+24 42.9	1.478	2.333	15.3	16.8
12 7	6 52.85	+23 53.7	1.413	2.334	11.1	16.6
12 17	6 43.73	+23 0.9	1.372	2.337	6.2	16.3
12 27	6 33.05	+22 5.0	1.357	2.340	1.1	16.0
1 6	6 22.31	+21 7.9	1.370	2.343	4.4	16.2
1 16	6 12.98	+20 13.0	1.410	2.348	9.4	16.5
1 26	6 6.23	+19 23.5	1.475	2.353	13.8	16.8
2 5	6 2.66	+18 41.4	1.561	2.358	17.4	17.0

64889 2001 YA_{76} 12 28.7 66°.39 1°.7/28.6 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 2.45	+26 26.3	1.406	2.259	16.0	19.4
12 7	6 55.15	+26 48.1	1.363	2.283	11.5	19.2
12 17	6 44.96	+27 7.6	1.343	2.307	6.5	18.9
12 27	6 33.22	+27 20.6	1.350	2.331	1.9	18.7
1 6	6 21.61	+27 24.7	1.384	2.355	4.8	19.0
1 16	6 11.67	+27 20.4	1.445	2.379	9.5	19.3
1 26	6 4.60	+27 10.2	1.530	2.403	13.6	19.6
2 5	6 0.92	+26 56.9	1.636	2.427	17.0	19.9

119421 2001 TG_{94} 12 28.7 314°.59 5°.0/28.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 1.05	+33 5.0	1.437	2.288	15.8	19.3
12 7	6 54.81	+33 48.6	1.366	2.281	11.9	19.1
12 17	6 45.17	+34 25.0	1.318	2.274	7.8	18.8
12 27	6 33.31	+34 47.1	1.295	2.267	5.0	18.7
1 6	6 20.99	+34 50.3	1.298	2.260	6.9	18.8
1 16	6 10.08	+34 34.6	1.328	2.254	11.0	19.0
1 26	6 2.16	+34 4.4	1.381	2.247	15.2	19.2
2 5	5 58.07	+33 25.6	1.453	2.242	18.9	19.4

330168 2006 BA_{204} 12 28.7 276°.19 2°.8/29.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 54.24	+13 41.3	2.166	2.996	12.1	21.1
12 7	6 48.71	+13 51.2	2.087	2.991	9.0	20.9
12 17	6 41.29	+14 9.9	2.033	2.987	5.6	20.7
12 27	6 32.71	+14 36.9	2.007	2.983	2.9	20.5
1 6	6 23.87	+15 10.5	2.011	2.978	4.2	20.6
1 16	6 15.73	+15 48.8	2.044	2.974	7.5	20.8
1 26	6 9.17	+16 30.0	2.105	2.970	10.8	21.0
2 5	6 4.79	+17 12.1	2.188	2.966	13.7	21.1

30213 2000 GW_{124} 12 28.7 76°.74 6°.8/29.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 58.09	+ 6 47.6	1.496	2.320	16.7	17.6
12 7	6 51.80	+ 6 22.6	1.444	2.336	13.1	17.4
12 17	6 43.07	+ 6 15.6	1.414	2.351	9.4	17.2
12 27	6 32.97	+ 6 28.4	1.409	2.367	7.0	17.1
1 6	6 22.80	+ 7 0.0	1.431	2.383	7.7	17.2
1 16	6 13.88	+ 7 47.2	1.480	2.398	10.7	17.4
1 26	6 7.26	+ 8 45.3	1.552	2.414	14.1	17.7
2 5	6 3.53	+ 9 49.2	1.646	2.429	17.2	17.9

384305 2009 SU_{60} 12 28.7 187°.63 2°.0/28.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 3.24	+28 8.7	1.885	2.721	13.3	21.9
12 7	6 55.53	+28 24.5	1.810	2.721	9.7	21.7
12 17	6 45.22	+28 36.8	1.760	2.720	5.6	21.5
12 27	6 33.33	+28 41.8	1.738	2.718	2.1	21.2
1 6	6 21.18	+28 37.5	1.746	2.716	4.4	21.4
1 16	6 10.16	+28 24.3	1.784	2.712	8.5	21.6
1 26	6 1.43	+28 4.5	1.849	2.708	12.3	21.8
2 5	5 55.70	+27 41.4	1.935	2.703	15.5	22.0

42466 1978 VP_{6} 12 28.7 96°.42 0°.6/28.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 0.65	+24 33.4	1.860	2.700	13.3	19.5
12 7	6 53.37	+24 44.2	1.807	2.721	9.5	19.3
12 17	6 43.85	+24 54.4	1.779	2.742	5.3	19.1
12 27	6 33.10	+25 1.5	1.780	2.762	1.0	18.8
1 6	6 22.38	+25 4.0	1.810	2.782	3.7	19.1
1 16	6 12.87	+25 1.8	1.870	2.802	7.9	19.4
1 26	6 5.56	+24 56.4	1.956	2.821	11.5	19.6
2 5	6 0.97	+24 49.3	2.064	2.840	14.4	19.9

455743 2005 JV_{45} 12 28.7 313°.75 1°.3/29.3 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 56.45	+14 54.0	2.077	2.907	12.5	20.8
12 7	6 50.61	+16 4.9	1.984	2.891	9.2	20.6
12 17	6 42.55	+17 28.5	1.917	2.876	5.4	20.3
12 27	6 32.95	+19 1.2	1.880	2.861	1.7	20.1
1 6	6 22.82	+20 38.2	1.874	2.846	3.6	20.2
1 16	6 13.23	+22 14.1	1.899	2.831	7.7	20.4
1 26	6 5.29	+23 45.0	1.952	2.817	11.5	20.6
2 5	5 59.76	+25 8.5	2.029	2.803	14.7	20.8

189711 2001 TT_{173} 12 28.7 129°.25 0°.9/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	7 0.82	+20 21.3	1.825	2.662	13.6	21.6
12 7	6 53.57	+20 28.3	1.764	2.676	9.8	21.4
12 17	6 44.02	+20 38.6	1.728	2.689	5.5	21.2
12 27	6 33.15	+20 50.4	1.720	2.702	1.2	20.9
1 6	6 22.19	+21 2.0	1.742	2.714	3.8	21.1
1 16	6 12.36	+21 12.7	1.793	2.726	8.1	21.4
1 26	6 4.68	+21 22.4	1.871	2.737	11.9	21.7
2 5	5 59.76	+21 31.6	1.971	2.747	15.0	21.9

187528 2006 UM_{61} 12 28.7 53°.62 3°.2/28.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 2.32	+28 11.1	1.195	2.057	17.6	20.2
12 7	6 55.63	+28 54.4	1.151	2.074	12.8	19.9
12 17	6 45.49	+29 34.2	1.128	2.092	7.5	19.7
12 27	6 33.37	+30 3.7	1.130	2.110	3.3	19.5
1 6	6 21.24	+30 18.9	1.158	2.128	6.0	19.7
1 16	6 11.00	+30 19.7	1.212	2.146	10.9	20.1
1 26	6 4.06	+30 9.7	1.288	2.165	15.4	20.4
2 5	6 1.03	+29 53.4	1.383	2.184	19.0	20.7

269170 2008 FM_{60} 12 28.7 317°.71 1°.8/29.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 58.24	+17 45.2	1.311	2.167	16.8	20.4
12 7	6 52.67	+18 3.9	1.240	2.160	12.3	20.1
12 17	6 43.96	+18 32.6	1.190	2.154	7.2	19.8
12 27	6 33.19	+19 9.0	1.166	2.148	2.2	19.4
1 6	6 21.91	+19 49.5	1.169	2.142	5.0	19.6
1 16	6 11.84	+20 30.8	1.197	2.137	10.4	19.9
1 26	6 4.48	+21 10.7	1.249	2.132	15.4	20.2
2 5	6 0.68	+21 48.2	1.320	2.127	19.5	20.4

243925 2001 OZ_{5} 12 28.7 46°.20 1°.2/28.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 2.00	+22 25.3	1.402	2.253	16.1	18.7
12 7	6 54.44	+21 44.7	1.369	2.289	11.5	18.5
12 17	6 44.38	+21 5.4	1.360	2.324	6.4	18.3
12 27	6 33.18	+20 27.6	1.378	2.360	1.5	18.1
1 6	6 22.39	+19 52.3	1.423	2.396	4.4	18.4
1 16	6 13.34	+19 21.3	1.496	2.433	9.1	18.7
1 26	6 6.99	+18 55.9	1.594	2.469	13.1	19.0
2 5	6 3.74	+18 36.6	1.713	2.505	16.3	19.3

16285 3047 $P\text{–}L$ 12 28.7 241°.88 4°.6/28.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 59.79	+38 20.9	2.569	3.385	10.8	18.6
12 7	6 52.76	+38 44.7	2.483	3.374	8.3	18.4
12 17	6 43.59	+38 59.2	2.424	3.362	6.0	18.2
12 27	6 33.11	+39 0.5	2.393	3.350	4.6	18.1
1 6	6 22.39	+38 46.6	2.392	3.338	5.5	18.2
1 16	6 12.53	+38 18.3	2.420	3.325	7.8	18.3
1 26	6 4.52	+37 38.2	2.476	3.312	10.4	18.4
2 5	5 58.97	+36 50.6	2.554	3.299	12.8	18.6

174989 2004 ET_{17} 12 28.7 222°.90 1°.3/29.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 56.60	+17 50.1	2.455	3.282	10.9	21.2
12 7	6 50.32	+18 7.0	2.365	3.272	7.9	21.0
12 17	6 42.20	+18 28.9	2.302	3.261	4.6	20.8
12 27	6 32.91	+18 54.7	2.268	3.249	1.5	20.5
1 6	6 23.31	+19 22.5	2.266	3.237	3.3	20.6
1 16	6 14.31	+19 50.9	2.294	3.224	6.8	20.9
1 26	6 6.77	+20 18.9	2.351	3.211	10.0	21.0
2 5	6 1.30	+20 46.1	2.431	3.197	12.8	21.2

277336 2005 TF_{28} 12 28.7 43°.55 4°.4/29.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 58.06	+14 27.8	1.334	2.184	16.9	19.8
12 7	6 52.13	+13 55.2	1.278	2.192	12.6	19.6
12 17	6 43.42	+13 33.0	1.244	2.201	8.0	19.3
12 27	6 33.09	+13 22.5	1.235	2.210	4.5	19.2
1 6	6 22.64	+13 23.7	1.253	2.219	6.2	19.3
1 16	6 13.58	+13 35.4	1.296	2.229	10.5	19.6
1 26	6 7.10	+13 55.8	1.363	2.240	14.7	19.8
2 5	6 3.86	+14 22.2	1.449	2.250	18.3	20.1

355500 2007 XD_{59} 12 28.7 251°.98 0°.0/28.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 59.94	+24 58.4	1.880	2.721	13.1	20.3
12 7	6 53.07	+24 27.8	1.800	2.715	9.5	20.1
12 17	6 43.82	+23 54.2	1.745	2.708	5.3	19.8
12 27	6 33.15	+23 16.8	1.719	2.702	0.8	19.5
1 6	6 22.29	+22 36.1	1.722	2.695	3.8	19.7
1 16	6 12.48	+21 54.2	1.755	2.688	8.2	19.9
1 26	6 4.80	+21 13.5	1.814	2.681	12.1	20.2
2 5	5 59.89	+20 36.4	1.895	2.674	15.4	20.4

468327 2016 CT_{189} 12 28.7 321°.56 3°.7/29.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 53.06	+11 36.6	1.966	2.797	13.0	20.9
12 7	6 48.11	+11 44.8	1.880	2.783	9.9	20.6
12 17	6 41.11	+12 4.7	1.818	2.769	6.5	20.4
12 27	6 32.76	+12 36.4	1.784	2.755	3.9	20.2
1 6	6 24.05	+13 18.1	1.778	2.742	4.9	20.3
1 16	6 16.01	+14 7.6	1.800	2.730	8.3	20.4
1 26	6 9.64	+15 2.0	1.848	2.717	11.8	20.6
2 5	6 5.62	+15 58.3	1.919	2.706	15.0	20.8

411524 2011 BZ_{80} 12 28.7 318°.35 2°.9/29.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 54.13	+14 46.8	2.020	2.855	12.6	20.7
12 7	6 48.75	+14 38.1	1.942	2.849	9.4	20.4
12 17	6 41.39	+14 37.0	1.888	2.844	5.8	20.2
12 27	6 32.80	+14 43.5	1.863	2.838	3.1	20.0
1 6	6 23.95	+14 56.9	1.866	2.833	4.4	20.1
1 16	6 15.88	+15 16.1	1.898	2.828	7.9	20.3
1 26	6 9.51	+15 39.8	1.956	2.823	11.4	20.5
2 5	6 5.43	+16 6.4	2.036	2.818	14.4	20.7

19342 1997 AA_{7} 12 28.7 22°.80 1°.6/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 55.48	+18 58.2	1.113	1.984	18.0	17.5
12 7	6 50.68	+19 7.1	1.068	1.995	13.0	17.2
12 17	6 42.74	+19 24.4	1.042	2.009	7.4	16.9
12 27	6 32.99	+19 47.7	1.041	2.023	2.0	16.7
1 6	6 23.18	+20 13.9	1.065	2.039	5.1	16.9
1 16	6 14.98	+20 40.5	1.112	2.056	10.5	17.3
1 26	6 9.72	+21 6.3	1.183	2.075	15.3	17.6
2 5	6 8.01	+21 30.3	1.272	2.094	19.2	17.9

336058 2008 EU_{36} 12 28.7 237°.12 1°.5/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 0.35	+19 19.4	1.630	2.472	14.7	21.6
12 7	6 53.76	+19 17.3	1.548	2.462	10.8	21.4
12 17	6 44.41	+19 20.1	1.490	2.452	6.2	21.1
12 27	6 33.27	+19 26.4	1.460	2.441	1.8	20.8
1 6	6 21.69	+19 34.8	1.458	2.430	4.5	20.9
1 16	6 11.12	+19 44.2	1.484	2.418	9.3	21.2
1 26	6 2.86	+19 54.7	1.535	2.406	13.7	21.4
2 5	5 57.70	+20 6.3	1.608	2.393	17.5	21.6

199181 2005 YA_{235} 12 28.7 234°.46 1°.2/28.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 0.27	+25 45.6	1.822	2.664	13.4	20.9
12 7	6 53.56	+26 2.1	1.740	2.655	9.7	20.7
12 17	6 44.24	+26 17.9	1.683	2.646	5.5	20.4
12 27	6 33.25	+26 29.5	1.654	2.636	1.4	20.1
1 6	6 21.87	+26 34.9	1.654	2.626	4.2	20.3
1 16	6 11.47	+26 33.3	1.683	2.615	8.6	20.5
1 26	6 3.28	+26 26.3	1.738	2.604	12.6	20.7
2 5	5 58.03	+26 16.0	1.815	2.593	16.0	20.9

435705 2008 TX_{170} 12 28.7 103°.10 0°.4/28.7 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 1.71	+23 24.5	1.814	2.653	13.6	22.0
12 7	6 54.18	+23 42.8	1.762	2.675	9.7	21.8
12 17	6 44.34	+24 1.6	1.734	2.697	5.4	21.6
12 27	6 33.23	+24 18.3	1.736	2.719	0.9	21.3
1 6	6 22.13	+24 30.7	1.767	2.740	3.8	21.6
1 16	6 12.28	+24 38.3	1.828	2.760	8.0	21.9
1 26	6 4.68	+24 42.1	1.915	2.780	11.7	22.1
2 5	5 59.89	+24 43.4	2.024	2.799	14.7	22.4

103963 2000 DT_{78} 12 28.7 280°.70 0°.6/28.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 55.31	+24 33.2	2.267	3.107	11.2	20.1
12 7	6 49.58	+24 47.3	2.180	3.095	8.1	19.9
12 17	6 41.86	+25 1.7	2.120	3.083	4.6	19.7
12 27	6 32.88	+25 14.1	2.088	3.070	0.9	19.4
1 6	6 23.61	+25 23.1	2.086	3.058	3.3	19.6
1 16	6 15.04	+25 27.8	2.114	3.046	7.1	19.8
1 26	6 8.12	+25 28.9	2.169	3.034	10.5	20.0
2 5	6 3.46	+25 27.4	2.247	3.022	13.4	20.1

337749 2001 UH_{102} 12 28.7 122°.28 0°.8/28.6 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 2.27	+24 18.2	1.863	2.700	13.4	21.6
12 7	6 54.62	+24 42.2	1.805	2.718	9.6	21.4
12 17	6 44.63	+25 6.3	1.773	2.736	5.3	21.2
12 27	6 33.29	+25 27.1	1.770	2.752	1.1	20.9
1 6	6 21.90	+25 42.3	1.797	2.769	3.9	21.1
1 16	6 11.70	+25 51.4	1.853	2.784	8.0	21.4
1 26	6 3.73	+25 55.3	1.936	2.799	11.7	21.7
2 5	5 58.59	+25 55.9	2.041	2.813	14.7	21.9

418461 2008 RR_{40} 12 28.7 37°.92 5°.1/28.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 58.79	+36 52.3	2.012	2.844	12.7	20.8
12 7	6 52.34	+37 29.3	1.951	2.852	9.7	20.7
12 17	6 43.44	+37 56.5	1.915	2.860	6.8	20.5
12 27	6 33.12	+38 9.2	1.906	2.868	5.1	20.4
1 6	6 22.68	+38 5.1	1.926	2.876	6.2	20.5
1 16	6 13.41	+37 45.0	1.973	2.885	8.9	20.7
1 26	6 6.38	+37 12.3	2.046	2.894	11.8	20.9
2 5	6 2.21	+36 31.7	2.140	2.903	14.4	21.1

266561 2008 GR_{60} 12 28.7 191°.29 1°.5/28.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 1.94	+25 25.9	1.784	2.624	13.7	21.1
12 7	6 54.78	+26 2.9	1.709	2.623	10.0	20.9
12 17	6 44.94	+26 40.4	1.659	2.621	5.7	20.6
12 27	6 33.39	+27 13.9	1.638	2.619	1.7	20.4
1 6	6 21.46	+27 39.9	1.646	2.616	4.4	20.6
1 16	6 10.59	+27 57.1	1.683	2.613	8.8	20.8
1 26	6 2.02	+28 6.1	1.746	2.609	12.7	21.0
2 5	5 56.49	+28 9.5	1.831	2.604	16.1	21.3

358544 2007 TC_{123} 12 28.8 9°.41 6°.2/29.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 50.82	+12 24.8	1.008	1.880	19.2	19.1
12 7	6 47.50	+11 42.3	0.960	1.884	14.6	18.8
12 17	6 41.07	+11 16.2	0.932	1.890	9.8	18.6
12 27	6 32.80	+11 9.5	0.926	1.898	6.4	18.4
1 6	6 24.39	+11 22.2	0.943	1.909	7.8	18.5
1 16	6 17.50	+11 51.6	0.982	1.922	12.1	18.8
1 26	6 13.46	+12 33.0	1.041	1.936	16.6	19.1
2 5	6 12.92	+13 21.1	1.119	1.953	20.5	19.4

221475 2006 BK_{183} 12 28.8 66°.17 4°.3/29.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 54.31	+ 9 31.5	2.080	2.900	12.8	20.1
12 7	6 48.76	+ 9 32.2	2.011	2.905	9.8	19.9
12 17	6 41.36	+ 9 44.9	1.967	2.910	6.7	19.7
12 27	6 32.86	+10 9.8	1.950	2.916	4.5	19.6
1 6	6 24.18	+10 45.6	1.962	2.921	5.2	19.6
1 16	6 16.29	+11 30.1	2.004	2.927	8.0	19.8
1 26	6 10.02	+12 20.4	2.071	2.932	11.1	20.0
2 5	6 5.94	+13 13.6	2.162	2.938	13.9	20.2

334972 2004 EZ_{19} 12 28.8 286°.44 0°.0/28.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 59.15	+21 30.3	1.448	2.301	15.6	20.6
12 7	6 53.35	+22 1.0	1.366	2.287	11.4	20.3
12 17	6 44.43	+22 37.7	1.308	2.272	6.5	20.0
12 27	6 33.37	+23 16.6	1.275	2.258	1.0	19.5
1 6	6 21.68	+23 53.7	1.270	2.244	4.6	19.8
1 16	6 11.01	+24 26.1	1.292	2.229	10.0	20.0
1 26	6 2.89	+24 53.0	1.337	2.215	14.9	20.3
2 5	5 58.27	+25 15.1	1.403	2.201	19.0	20.5

483583 2004 FO_{48} 12 28.8 239°.18 4°.0/29.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 55.88	+10 5.9	2.516	3.326	11.2	22.5
12 7	6 49.77	+ 9 50.1	2.420	3.308	8.6	22.3
12 17	6 41.93	+ 9 43.0	2.349	3.290	5.9	22.1
12 27	6 32.96	+ 9 45.5	2.308	3.271	4.1	22.0
1 6	6 23.68	+ 9 57.5	2.297	3.252	4.9	22.0
1 16	6 14.92	+10 18.2	2.316	3.232	7.5	22.1
1 26	6 7.51	+10 46.3	2.362	3.211	10.4	22.3
2 5	6 2.03	+11 19.8	2.433	3.189	13.0	22.4

186628 2003 FO_{112} 12 28.8 154°.62 5°.2/29.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 54.97	+ 6 45.7	2.469	3.270	11.6	20.5
12 7	6 48.94	+ 6 10.1	2.399	3.276	9.2	20.4
12 17	6 41.35	+ 5 45.1	2.354	3.282	6.8	20.2
12 27	6 32.86	+ 5 32.4	2.338	3.288	5.3	20.2
1 6	6 24.26	+ 5 32.5	2.352	3.293	5.8	20.2
1 16	6 16.34	+ 5 44.7	2.394	3.298	7.9	20.3
1 26	6 9.83	+ 6 7.3	2.463	3.302	10.4	20.5
2 5	6 5.20	+ 6 37.6	2.556	3.306	12.6	20.7

484295 2007 RX_{189} 12 28.8 18°.84 8°.0/28.0 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 0.88	+38 50.7	1.304	2.154	17.2	21.1
12 7	6 55.00	+39 57.1	1.254	2.160	13.5	20.8
12 17	6 45.39	+40 48.8	1.224	2.167	9.9	20.7
12 27	6 33.49	+41 16.7	1.219	2.175	8.1	20.6
1 6	6 21.40	+41 16.0	1.238	2.184	9.3	20.7
1 16	6 11.16	+40 48.4	1.281	2.194	12.6	20.9
1 26	6 4.37	+40 0.7	1.346	2.205	16.1	21.1
2 5	6 1.72	+39 1.4	1.430	2.217	19.2	21.4

18765 1999 JN_{17} 12 28.8 152°.91 2°.2/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 1.83	+17 31.6	1.808	2.640	13.9	18.2
12 7	6 54.36	+17 21.5	1.742	2.650	10.2	18.0
12 17	6 44.55	+17 16.8	1.701	2.659	6.0	17.7
12 27	6 33.36	+17 16.8	1.688	2.667	2.4	17.5
1 6	6 22.04	+17 20.6	1.705	2.674	4.3	17.7
1 16	6 11.83	+17 27.6	1.751	2.681	8.5	17.9
1 26	6 3.78	+17 37.4	1.823	2.687	12.3	18.2
2 5	5 58.51	+17 49.6	1.918	2.691	15.5	18.4

407010 2009 SV_{5} 12 28.8 3°.73 1°.5/28.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 52.93	+19 32.1	1.421	2.283	15.3	20.8
12 7	6 48.54	+19 31.7	1.358	2.282	11.1	20.5
12 17	6 41.52	+19 37.3	1.318	2.283	6.4	20.3
12 27	6 32.91	+19 47.4	1.303	2.285	1.8	20.0
1 6	6 24.07	+20 0.5	1.314	2.288	4.5	20.2
1 16	6 16.38	+20 15.3	1.351	2.293	9.3	20.5
1 26	6 11.05	+20 30.9	1.412	2.299	13.7	20.7
2 5	6 8.74	+20 46.7	1.494	2.306	17.3	21.0

104449 2000 GK_{6} 12 28.8 171°.52 5°.6/29.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 55.43	+ 4 34.9	2.535	3.325	11.7	20.6
12 7	6 49.27	+ 4 6.2	2.461	3.329	9.3	20.5
12 17	6 41.54	+ 3 49.5	2.413	3.333	7.1	20.3
12 27	6 32.90	+ 3 46.4	2.393	3.335	5.7	20.3
1 6	6 24.12	+ 3 57.1	2.402	3.337	6.2	20.3
1 16	6 15.99	+ 4 20.8	2.441	3.339	8.1	20.4
1 26	6 9.22	+ 4 55.1	2.506	3.340	10.4	20.6
2 5	6 4.30	+ 5 37.2	2.595	3.340	12.6	20.7

319418 2006 HY_{63} 12 28.8 24°.97 9°.0/29.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 55.48	+ 6 23.5	1.266	2.104	18.4	19.2
12 7	6 50.30	+ 5 1.5	1.217	2.113	14.7	19.0
12 17	6 42.43	+ 3 58.4	1.189	2.124	11.2	18.8
12 27	6 33.04	+ 3 20.0	1.185	2.135	9.1	18.7
1 6	6 23.58	+ 3 8.5	1.204	2.147	9.9	18.8
1 16	6 15.48	+ 3 22.6	1.247	2.160	12.8	19.0
1 26	6 9.88	+ 3 57.7	1.312	2.174	16.2	19.3
2 5	6 7.39	+ 4 47.1	1.396	2.189	19.3	19.5

377481 2005 CJ_{65} 12 28.8 253°.73 9°.9/28.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 11.05	+56 47.1	2.534	3.273	13.0	20.9
12 7	7 1.62	+57 34.6	2.465	3.266	11.6	20.7
12 17	6 48.82	+58 1.5	2.418	3.259	10.4	20.6
12 27	6 34.02	+58 0.7	2.395	3.251	9.9	20.6
1 6	6 19.09	+57 29.1	2.397	3.244	10.3	20.6
1 16	6 5.92	+56 28.7	2.424	3.236	11.4	20.7
1 26	5 55.94	+55 5.5	2.475	3.228	12.9	20.8
2 5	5 49.81	+53 27.8	2.546	3.221	14.4	20.9

324369 2006 QF_{166} 12 28.8 162°.38 0°.4/28.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 3.29	+24 23.6	1.715	2.555	14.2	21.1
12 7	6 55.64	+24 23.1	1.647	2.561	10.3	20.9
12 17	6 45.35	+24 21.7	1.603	2.566	5.8	20.6
12 27	6 33.50	+24 17.1	1.588	2.570	0.9	20.3
1 6	6 21.49	+24 7.9	1.602	2.574	4.1	20.5
1 16	6 10.72	+23 54.8	1.645	2.577	8.7	20.8
1 26	6 2.38	+23 39.4	1.714	2.580	12.8	21.1
2 5	5 57.10	+23 24.1	1.804	2.582	16.2	21.3

76505 2000 GU_{28} 12 28.8 185°.21 3°.5/28.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 57.45	+34 1.6	2.537	3.365	10.5	19.2
12 7	6 51.02	+34 32.7	2.463	3.365	7.9	19.1
12 17	6 42.64	+34 57.7	2.415	3.365	5.2	18.9
12 27	6 33.08	+35 13.1	2.397	3.365	3.5	18.8
1 6	6 23.34	+35 17.0	2.408	3.364	4.6	18.8
1 16	6 14.40	+35 9.2	2.448	3.363	7.2	19.0
1 26	6 7.15	+34 51.8	2.516	3.362	9.9	19.2
2 5	6 2.19	+34 27.7	2.607	3.361	12.3	19.4

223090 2002 TX_{372} 12 28.8 132°.37 2°.7/29.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 0.46	+14 59.1	1.675	2.509	14.8	20.4
12 7	6 53.54	+15 11.5	1.612	2.520	10.9	20.2
12 17	6 44.16	+15 33.5	1.573	2.530	6.6	20.0
12 27	6 33.32	+16 3.7	1.562	2.540	2.9	19.8
1 6	6 22.31	+16 39.6	1.580	2.550	4.7	19.9
1 16	6 12.41	+17 18.6	1.627	2.559	8.8	20.2
1 26	6 4.75	+17 58.8	1.699	2.567	12.8	20.5
2 5	5 59.96	+18 38.5	1.793	2.575	16.1	20.7

309573 2008 AM_{58} 12 28.8 75°.47 1°.4/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 57.41	+18 48.5	1.779	2.621	13.7	20.5
12 7	6 51.25	+18 54.0	1.717	2.632	9.9	20.3
12 17	6 42.84	+19 4.8	1.680	2.642	5.7	20.1
12 27	6 33.12	+19 19.3	1.671	2.652	1.7	19.8
1 6	6 23.27	+19 35.9	1.690	2.663	4.0	20.0
1 16	6 14.49	+19 53.3	1.738	2.673	8.1	20.3
1 26	6 7.76	+20 10.9	1.812	2.684	11.9	20.6
2 5	6 3.69	+20 28.4	1.908	2.694	15.1	20.8

52 Europa 12 28.8 347°.98 2°.1/29.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 53.83	+16 9.0	1.932	2.773	12.8	10.7
12 7	6 48.67	+16 20.8	1.857	2.769	9.4	10.5
12 17	6 41.44	+16 40.5	1.806	2.765	5.7	10.2
12 27	6 32.92	+17 6.9	1.783	2.762	2.3	10.0
1 6	6 24.13	+17 38.3	1.789	2.760	4.0	10.1
1 16	6 16.13	+18 12.6	1.823	2.757	7.8	10.4
1 26	6 9.91	+18 48.1	1.883	2.756	11.5	10.6
2 5	6 6.09	+19 23.4	1.966	2.754	14.6	10.8

131618 2001 XX_{33} 12 28.8 297°.68 0°.9/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 57.89	+20 31.0	1.503	2.355	15.2	20.2
12 7	6 52.28	+20 36.4	1.420	2.340	11.1	19.9
12 17	6 43.76	+20 46.7	1.361	2.325	6.4	19.6
12 27	6 33.30	+20 59.9	1.327	2.310	1.4	19.2
1 6	6 22.30	+21 13.9	1.321	2.295	4.5	19.4
1 16	6 12.31	+21 27.5	1.342	2.280	9.7	19.7
1 26	6 4.72	+21 40.3	1.387	2.266	14.4	19.9
2 5	6 0.41	+21 52.7	1.453	2.252	18.4	20.1

318737 2005 SV_{2} 12 28.8 57°.65 0°.3/28.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 1.26	+22 5.5	1.278	2.135	17.0	20.3
12 7	6 54.50	+22 11.2	1.234	2.156	12.2	20.1
12 17	6 44.77	+22 19.8	1.212	2.177	6.8	19.8
12 27	6 33.41	+22 28.5	1.216	2.199	1.1	19.5
1 6	6 22.14	+22 35.1	1.246	2.221	4.6	19.8
1 16	6 12.56	+22 39.3	1.303	2.242	9.8	20.2
1 26	6 5.89	+22 41.9	1.384	2.265	14.3	20.5
2 5	6 2.69	+22 43.9	1.485	2.287	17.9	20.8

420038 2011 DA_{11} 12 28.8 251°.28 4°.2/28.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 58.89	+37 18.5	2.798	3.614	10.0	21.8
12 7	6 52.10	+37 49.7	2.704	3.596	7.7	21.6
12 17	6 43.30	+38 13.3	2.637	3.577	5.5	21.4
12 27	6 33.22	+38 25.8	2.599	3.557	4.2	21.3
1 6	6 22.81	+38 24.8	2.592	3.538	5.1	21.3
1 16	6 13.09	+38 10.2	2.614	3.517	7.3	21.5
1 26	6 4.98	+37 44.2	2.663	3.497	9.8	21.6
2 5	5 59.12	+37 10.0	2.736	3.476	12.1	21.7

493696 2015 TL_{47} 12 28.8 17°.33 11°.4/30.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 52.55	+ 1 5.5	1.229	2.057	19.5	20.6
12 7	6 48.24	− 0 18.3	1.185	2.066	16.2	20.4
12 17	6 41.32	− 1 15.8	1.160	2.077	13.2	20.3
12 27	6 32.91	− 1 40.9	1.157	2.090	11.5	20.2
1 6	6 24.42	− 1 31.8	1.177	2.104	11.9	20.3
1 16	6 17.24	− 0 51.6	1.219	2.120	14.1	20.5
1 26	6 12.48	+ 0 12.7	1.281	2.136	16.9	20.7
2 5	6 10.74	+ 1 32.3	1.362	2.155	19.7	20.9

102331 1999 TA_{112} 12 28.8 172°.35 1°.7/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 1.60	+18 59.4	1.806	2.641	13.8	19.6
12 7	6 54.30	+18 50.7	1.735	2.645	10.1	19.4
12 17	6 44.58	+18 46.1	1.688	2.648	5.9	19.1
12 27	6 33.41	+18 44.6	1.669	2.650	1.9	18.9
1 6	6 22.04	+18 45.2	1.681	2.652	4.2	19.0
1 16	6 11.74	+18 47.7	1.721	2.653	8.5	19.3
1 26	6 3.60	+18 52.1	1.788	2.653	12.4	19.5
2 5	5 58.27	+18 58.5	1.877	2.652	15.7	19.7

117622 2005 EK_{101} 12 28.8 96°.98 1°.2/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 58.09	+19 48.9	1.799	2.641	13.6	19.9
12 7	6 51.74	+19 46.4	1.735	2.649	9.8	19.7
12 17	6 43.13	+19 47.7	1.695	2.657	5.6	19.4
12 27	6 33.19	+19 51.6	1.683	2.665	1.5	19.2
1 6	6 23.11	+19 56.9	1.701	2.673	3.9	19.3
1 16	6 14.10	+20 3.1	1.746	2.681	8.1	19.6
1 26	6 7.16	+20 10.0	1.818	2.688	11.9	19.9
2 5	6 2.90	+20 17.8	1.912	2.696	15.1	20.1

145747 1995 UF_{39} 12 28.8 19°.34 0°.5/28.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 56.69	+24 15.2	1.817	2.664	13.2	20.2
12 7	6 50.85	+24 23.7	1.748	2.666	9.5	20.0
12 17	6 42.69	+24 32.4	1.705	2.669	5.3	19.7
12 27	6 33.14	+24 39.1	1.689	2.672	0.9	19.4
1 6	6 23.41	+24 42.2	1.701	2.675	3.8	19.6
1 16	6 14.70	+24 41.3	1.742	2.678	8.1	19.9
1 26	6 8.07	+24 37.3	1.809	2.681	11.9	20.1
2 5	6 4.13	+24 31.7	1.898	2.685	15.1	20.4

46217 2001 FK_{176} 12 28.8 156°.90 6°.3/30.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 56.38	+ 4 21.4	1.950	2.753	14.2	19.6
12 7	6 50.38	+ 4 15.5	1.879	2.756	11.3	19.4
12 17	6 42.36	+ 4 26.6	1.832	2.759	8.4	19.2
12 27	6 33.10	+ 4 55.7	1.812	2.762	6.5	19.1
1 6	6 23.63	+ 5 42.0	1.819	2.764	7.0	19.1
1 16	6 14.98	+ 6 42.3	1.855	2.766	9.4	19.3
1 26	6 8.08	+ 7 52.5	1.917	2.768	12.3	19.5
2 5	6 3.53	+ 9 8.0	2.001	2.770	15.1	19.7

464498 2016 BZ_{71} 12 28.8 179°.08 3°.0/28.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 57.60	+32 47.8	2.461	3.291	10.7	20.9
12 7	6 51.12	+33 3.3	2.387	3.292	8.0	20.7
12 17	6 42.70	+33 12.7	2.339	3.292	5.0	20.6
12 27	6 33.15	+33 13.2	2.320	3.292	3.0	20.4
1 6	6 23.45	+33 3.5	2.331	3.292	4.2	20.5
1 16	6 14.61	+32 43.9	2.371	3.292	7.1	20.7
1 26	6 7.50	+32 16.7	2.439	3.292	10.0	20.9
2 5	6 2.69	+31 44.7	2.530	3.291	12.5	21.0

354258 2002 QC_{83} 12 28.8 192°.17 1°.5/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 58.00	+18 29.3	2.230	3.060	11.7	22.2
12 7	6 51.42	+18 25.5	2.151	3.058	8.6	22.0
12 17	6 42.89	+18 25.7	2.097	3.056	5.0	21.8
12 27	6 33.19	+18 28.9	2.073	3.054	1.7	21.5
1 6	6 23.26	+18 34.3	2.080	3.050	3.6	21.7
1 16	6 14.12	+18 41.5	2.116	3.046	7.2	21.9
1 26	6 6.64	+18 50.0	2.180	3.042	10.6	22.1
2 5	6 1.43	+18 59.9	2.268	3.037	13.5	22.3

115638 2003 UO_{126} 12 28.8 349°.71 6°.6/28.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 58.34	+39 6.0	1.721	2.559	14.3	19.0
12 7	6 52.61	+39 47.5	1.652	2.552	11.2	18.8
12 17	6 43.91	+40 16.9	1.605	2.546	8.2	18.6
12 27	6 33.36	+40 27.7	1.584	2.540	6.6	18.5
1 6	6 22.51	+40 16.6	1.590	2.536	7.7	18.6
1 16	6 12.95	+39 44.6	1.622	2.532	10.5	18.7
1 26	6 6.04	+38 56.3	1.677	2.529	13.8	18.9
2 5	6 2.50	+37 58.1	1.753	2.528	16.7	19.1

219109 1998 SQ_{67} 12 28.8 57°.25 10°.3/28.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	7 11.77	+42 40.1	1.225	2.059	19.1	19.0
12 7	7 2.91	+44 21.3	1.202	2.093	15.3	18.8
12 17	6 49.73	+45 39.3	1.200	2.126	11.9	18.8
12 27	6 34.21	+46 22.3	1.221	2.161	10.3	18.8
1 6	6 19.02	+46 26.3	1.267	2.195	11.3	18.9
1 16	6 6.56	+45 56.0	1.337	2.229	13.8	19.2
1 26	5 58.40	+45 2.0	1.428	2.262	16.7	19.4
2 5	5 54.98	+43 55.6	1.538	2.296	19.3	19.7

369438 2010 AO_{1} 12 28.8 5°.34 4°.3/28.9 18

11 27	7 0.18	+36 38.7	1.924	2.757	13.2	19.7
12 7	6 53.36	+36 31.3	1.854	2.757	10.0	19.5
12 17	6 44.06	+36 12.0	1.809	2.758	6.7	19.3
12 27	6 33.36	+35 37.6	1.791	2.759	4.4	19.2
1 6	6 22.64	+34 47.7	1.801	2.761	5.5	19.2
1 16	6 13.22	+33 45.1	1.841	2.763	8.7	19.4
1 26	6 6.16	+32 34.7	1.906	2.766	12.0	19.6
2 5	6 2.03	+31 22.0	1.994	2.769	14.9	19.8

224836 2006 WP_{186} 12 28.8 113°.45 0°.6/28.7 18

11 27	7 2.56	+22 19.3	1.553	2.397	15.2	20.4
12 7	6 55.32	+23 2.5	1.495	2.411	10.9	20.2
12 17	6 45.28	+23 49.2	1.462	2.425	6.1	19.9
12 27	6 33.57	+24 34.8	1.456	2.438	1.1	19.6
1 6	6 21.67	+25 15.0	1.479	2.451	4.3	19.9
1 16	6 11.10	+25 47.6	1.530	2.464	9.1	20.2
1 26	6 3.09	+26 12.7	1.606	2.476	13.3	20.5
2 5	5 58.32	+26 31.7	1.704	2.487	16.7	20.7

498522 2008 EM_{72} 12 28.8 169°.56 16°.0/28.1 18

11 27	7 23.43	+55 9.3	1.267	2.052	21.4	21.3
12 7	7 13.44	+56 55.8	1.218	2.054	18.9	21.2
12 17	6 56.66	+58 10.3	1.186	2.056	16.9	21.0
12 27	6 35.37	+58 34.5	1.175	2.058	16.0	21.0
1 6	6 13.72	+57 59.8	1.186	2.059	16.6	21.0
1 16	5 55.91	+56 31.9	1.216	2.060	18.4	21.1
1 26	5 44.55	+54 27.5	1.266	2.060	20.8	21.3
2 5	5 40.07	+52 5.1	1.333	2.060	23.2	21.5

369012 2007 PG_{29} 12 28.8 134°.75 1°.4/28.7 17

11 27	6 56.86	+28 44.5	2.804	3.632	9.6	21.1
12 7	6 50.25	+28 42.4	2.735	3.643	7.0	20.9
12 17	6 42.09	+28 36.8	2.694	3.653	4.0	20.7
12 27	6 33.06	+28 26.1	2.683	3.663	1.5	20.6
1 6	6 24.01	+28 9.8	2.703	3.672	3.0	20.7
1 16	6 15.72	+27 48.6	2.754	3.681	5.9	20.9
1 26	6 8.90	+27 23.8	2.834	3.690	8.6	21.1
2 5	6 4.02	+26 57.4	2.938	3.698	10.9	21.3

217396 2005 EA_{247} 12 28.8 104°.83 6°.7/30.4 18

11 27	6 56.58	+ 4 6.8	1.845	2.650	14.8	20.3
12 7	6 50.54	+ 3 55.5	1.782	2.659	11.8	20.1
12 17	6 42.45	+ 4 1.9	1.743	2.669	8.8	19.9
12 27	6 33.14	+ 4 27.4	1.729	2.678	6.9	19.8
1 6	6 23.68	+ 5 10.9	1.743	2.687	7.3	19.9
1 16	6 15.13	+ 6 9.3	1.785	2.696	9.7	20.0
1 26	6 8.45	+ 7 18.1	1.853	2.705	12.7	20.2
2 5	6 4.21	+ 8 32.5	1.943	2.714	15.4	20.5

491487 2012 HP_{46} 12 28.8 135°.59 0°.6/28.9 17

11 27	6 55.10	+19 57.4	2.601	3.431	10.2	21.8
12 7	6 49.12	+20 18.7	2.530	3.440	7.4	21.6
12 17	6 41.53	+20 43.1	2.487	3.448	4.1	21.4
12 27	6 32.99	+21 9.0	2.474	3.456	0.9	21.2
1 6	6 24.32	+21 34.9	2.491	3.464	2.8	21.4
1 16	6 16.31	+21 59.4	2.540	3.471	6.1	21.6
1 26	6 9.71	+22 22.0	2.616	3.478	9.0	21.8
2 5	6 5.02	+22 42.7	2.717	3.485	11.5	22.0

25464 Maxrabinovich 12 28.8 342°.05 2°.6/28.8 18 R

11 27	6 57.93	+19 29.7	1.195	2.059	17.5	17.6
12 7	6 52.63	+18 53.6	1.128	2.052	12.9	17.3
12 17	6 44.06	+18 21.4	1.082	2.046	7.6	17.0
12 27	6 33.42	+17 54.0	1.060	2.041	2.8	16.7
1 6	6 22.42	+17 32.1	1.064	2.036	5.6	16.8
1 16	6 12.83	+17 16.8	1.092	2.032	11.1	17.1
1 26	6 6.14	+17 8.7	1.143	2.029	16.1	17.4
2 5	6 3.15	+17 7.3	1.212	2.027	20.4	17.7

181873 1999 GY_{12} 12 28.8 291°.28 6°.0/29.1 17

11 27	6 55.22	+ 8 30.0	1.891	2.712	13.9	20.4
12 7	6 49.70	+ 7 40.5	1.811	2.701	10.9	20.2
12 17	6 42.07	+ 7 2.1	1.754	2.691	8.0	20.0
12 27	6 33.11	+ 6 37.7	1.724	2.680	6.1	19.9
1 6	6 23.84	+ 6 28.9	1.721	2.670	7.0	19.9
1 16	6 15.36	+ 6 35.5	1.746	2.659	9.8	20.1
1 26	6 8.65	+ 6 55.7	1.796	2.649	13.0	20.2
2 5	6 4.35	+ 7 26.4	1.868	2.639	15.9	20.4

32656 4711 $P–L$ 12 28.8 125°.99 1°.6/29.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 57.47	+17 53.3	2.235	3.065	11.7	20.6
12 7	6 50.92	+17 54.5	2.171	3.079	8.5	20.4
12 17	6 42.56	+18 0.3	2.133	3.092	5.0	20.2
12 27	6 33.16	+18 9.6	2.125	3.105	1.8	20.0
1 6	6 23.68	+18 21.5	2.147	3.117	3.5	20.2
1 16	6 15.06	+18 34.9	2.198	3.129	7.0	20.4
1 26	6 8.12	+18 49.4	2.278	3.141	10.2	20.6
2 5	6 3.37	+19 4.7	2.381	3.151	12.9	20.8

414673 2009 WM_{81} 12 28.8 311°.84 5°.2/26.7 16

11 27	7 0.18	+32 15.3	1.990	2.826	12.7	20.2
12 7	6 53.96	+34 9.4	1.900	2.806	9.6	20.0
12 17	6 44.85	+36 3.9	1.838	2.786	6.6	19.7
12 27	6 33.59	+37 50.2	1.805	2.767	5.2	19.6
1 6	6 21.39	+39 20.2	1.801	2.748	6.9	19.7
1 16	6 9.76	+40 29.5	1.827	2.729	10.1	19.8
1 26	6 0.17	+41 17.6	1.878	2.711	13.4	20.0
2 5	5 53.69	+41 47.9	1.951	2.693	16.3	20.2

217760 2000 QY_{106} 12 28.8 184°.04 2°.2/28.6 18

11 27	6 59.79	+30 51.8	2.608	3.433	10.4	21.2
12 7	6 52.56	+30 57.1	2.529	3.434	7.6	21.0
12 17	6 43.47	+30 57.4	2.477	3.433	4.6	20.8
12 27	6 33.31	+30 50.1	2.456	3.432	2.2	20.7
1 6	6 23.01	+30 34.4	2.465	3.431	3.6	20.8
1 16	6 13.55	+30 10.9	2.506	3.429	6.6	21.0
1 26	6 5.75	+29 41.6	2.575	3.426	9.5	21.2
2 5	6 0.16	+29 9.1	2.668	3.423	12.0	21.3

448566 2010 RP_{152} 12 28.8 31°.45 3°.5/28.3 17

11 27	6 59.03	+31 16.5	1.766	2.611	13.6	21.5
12 7	6 52.76	+31 52.0	1.701	2.614	10.1	21.3
12 17	6 43.87	+32 22.2	1.660	2.618	6.3	21.1
12 27	6 33.38	+32 42.3	1.647	2.621	3.6	20.9
1 6	6 22.67	+32 49.3	1.661	2.625	5.3	21.0
1 16	6 13.13	+32 43.1	1.704	2.630	9.0	21.3
1 26	6 5.96	+32 26.5	1.771	2.634	12.6	21.5
2 5	6 1.81	+32 3.1	1.860	2.639	15.7	21.7

13470 3517 $T\text{-}_{3}$ 12 28.8 56°.38 1°.2/28.7 18

11 27	6 59.06	+25 18.5	1.605	2.455	14.5	18.0
12 7	6 52.75	+25 38.3	1.546	2.465	10.4	17.8
12 17	6 43.83	+25 57.7	1.512	2.476	5.9	17.5
12 27	6 33.37	+26 13.1	1.504	2.487	1.4	17.3
1 6	6 22.78	+26 22.4	1.525	2.497	4.3	17.5
1 16	6 13.47	+26 25.0	1.573	2.508	8.8	17.8
1 26	6 6.57	+26 22.3	1.646	2.520	12.8	18.0
2 5	6 2.72	+26 16.4	1.741	2.531	16.1	18.3

408107 2013 BA_{13} 12 28.8 195°.55 0°.1/28.8 17

11 27	6 57.15	+22 5.6	2.412	3.245	10.9	21.7
12 7	6 50.81	+22 34.2	2.332	3.243	7.8	21.5
12 17	6 42.58	+23 5.3	2.278	3.240	4.4	21.3
12 27	6 33.19	+23 36.4	2.254	3.237	0.7	21.0
1 6	6 23.53	+24 5.3	2.261	3.233	3.1	21.2
1 16	6 14.56	+24 30.6	2.298	3.229	6.7	21.5
1 26	6 7.14	+24 52.1	2.364	3.225	9.9	21.7
2 5	6 1.87	+25 10.0	2.453	3.220	12.7	21.8

112804 2002 QR 12 28.8 170°.89 1°.9/28.8 18

11 27	6 56.64	+18 49.5	2.588	3.415	10.4	19.3
12 7	6 50.15	+18 5.9	2.511	3.416	7.6	19.1
12 17	6 42.07	+17 23.8	2.461	3.418	4.5	18.9
12 27	6 33.10	+16 43.8	2.441	3.419	2.0	18.7
1 6	6 24.05	+16 7.0	2.452	3.420	3.5	18.9
1 16	6 15.74	+15 34.5	2.495	3.421	6.5	19.1
1 26	6 8.88	+15 7.1	2.566	3.421	9.4	19.2
2 5	6 3.95	+14 45.1	2.661	3.422	11.9	19.4

156856 2003 CZ_{19} 12 28.8 1°.32 3°.4/29.2 18

11 27	6 55.88	+16 13.6	1.178	2.042	17.7	19.6
12 7	6 51.11	+16 1.2	1.117	2.040	13.2	19.4
12 17	6 43.19	+15 59.4	1.077	2.039	8.0	19.1
12 27	6 33.30	+16 8.2	1.060	2.039	3.6	18.8
1 6	6 23.09	+16 26.3	1.068	2.040	5.8	19.0
1 16	6 14.25	+16 51.4	1.101	2.042	11.0	19.2
1 26	6 8.21	+17 21.5	1.155	2.045	15.8	19.5
2 5	6 5.74	+17 54.0	1.229	2.049	19.9	19.8

50310 2000 CT_{40} 12 28.8 159°.45 0°.8/28.7 18

11 27	6 58.53	+24 2.7	1.976	2.816	12.6	19.2
12 7	6 52.09	+24 29.3	1.905	2.819	9.1	19.0
12 17	6 43.40	+24 57.0	1.859	2.822	5.1	18.7
12 27	6 33.32	+25 22.7	1.841	2.824	1.1	18.4
1 6	6 23.00	+25 43.9	1.854	2.826	3.7	18.6
1 16	6 13.62	+25 59.5	1.895	2.828	7.8	18.9
1 26	6 6.20	+26 9.9	1.964	2.829	11.4	19.1
2 5	6 1.39	+26 16.2	2.054	2.831	14.5	19.3

335003 2004 GG_{56} 12 28.8 266°.87 0°.9/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 59.84	+21 7.9	1.545	2.393	15.1	21.6
12 7	6 53.61	+21 3.8	1.464	2.382	11.0	21.3
12 17	6 44.51	+21 2.8	1.406	2.370	6.3	21.0
12 27	6 33.52	+21 3.2	1.376	2.358	1.4	20.6
1 6	6 22.07	+21 3.6	1.373	2.346	4.5	20.8
1 16	6 11.68	+21 3.7	1.397	2.334	9.5	21.1
1 26	6 3.71	+21 4.0	1.446	2.321	14.1	21.3
2 5	5 58.99	+21 5.2	1.516	2.309	18.0	21.6

25752 2000 BE_{8} 12 28.8 144°.64 1°.9/28.5 18

11 27	7 3.19	+26 40.0	1.876	2.712	13.3	19.3
12 7	6 55.52	+27 21.6	1.812	2.723	9.7	19.1
12 17	6 45.33	+28 1.8	1.774	2.734	5.6	18.9
12 27	6 33.62	+28 36.2	1.764	2.744	2.1	18.7
1 6	6 21.72	+29 1.5	1.785	2.754	4.3	18.8
1 16	6 10.95	+29 16.5	1.835	2.763	8.3	19.1
1 26	6 2.46	+29 22.8	1.912	2.771	12.0	19.3
2 5	5 56.90	+29 22.8	2.011	2.778	15.1	19.6

135017 2001 KC_{44} 12 28.8 126°.68 0°.1/28.8 18

11 27	6 59.56	+21 21.8	2.321	3.150	11.4	19.9
12 7	6 52.45	+22 4.8	2.258	3.167	8.1	19.7
12 17	6 43.45	+22 50.6	2.223	3.184	4.5	19.5
12 27	6 33.33	+23 36.2	2.217	3.200	0.7	19.3
1 6	6 23.07	+24 18.6	2.244	3.216	3.2	19.5
1 16	6 13.65	+24 56.1	2.301	3.231	6.8	19.8
1 26	6 5.93	+25 28.1	2.387	3.245	9.9	20.0
2 5	6 0.47	+25 55.1	2.496	3.259	12.6	20.2

29767 1999 CO_{24} 12 28.8 254°.94 1°.0/28.6 18

11 27	6 57.89	+24 22.8	2.009	2.849	12.4	18.2
12 7	6 51.76	+24 56.7	1.925	2.840	9.0	18.0
12 17	6 43.31	+25 32.1	1.867	2.830	5.1	17.7
12 27	6 33.34	+26 5.8	1.837	2.819	1.2	17.4
1 6	6 22.97	+26 34.7	1.837	2.809	3.8	17.6
1 16	6 13.39	+26 57.2	1.867	2.798	7.9	17.8
1 26	6 5.71	+27 13.3	1.922	2.788	11.6	18.1
2 5	6 0.64	+27 24.3	2.001	2.777	14.8	18.3

131381 2001 KU_{39} 12 28.8 161°.28 6°.4/29.6 18 R

11 27	6 53.19	+ 1 5.2	2.773	3.548	11.2	19.5
12 7	6 47.60	+ 0 18.7	2.702	3.553	9.2	19.3
12 17	6 40.65	− 0 15.2	2.657	3.556	7.4	19.2
12 27	6 32.91	− 0 34.4	2.639	3.560	6.5	19.2
1 6	6 25.05	− 0 37.9	2.650	3.563	6.8	19.2
1 16	6 17.76	− 0 26.2	2.689	3.566	8.2	19.3
1 26	6 11.67	− 0 1.3	2.754	3.569	10.1	19.4
2 5	6 7.23	+ 0 33.7	2.842	3.571	12.0	19.6

395214 2010 JA_{77} 12 28.8 45°.25 5°.1/27.8 18

11 27	7 1.43	+33 9.4	1.642	2.485	14.6	20.9
12 7	6 54.86	+34 17.9	1.578	2.487	11.0	20.7
12 17	6 45.24	+35 20.6	1.537	2.489	7.3	20.4
12 27	6 33.65	+36 9.9	1.523	2.491	5.1	20.3
1 6	6 21.67	+36 40.7	1.537	2.493	6.7	20.4
1 16	6 10.94	+36 51.8	1.578	2.496	10.3	20.6
1 26	6 2.87	+36 46.3	1.644	2.498	13.9	20.9
2 5	5 58.27	+36 29.1	1.730	2.500	17.0	21.1

515872 2015 PV_{2} 12 28.8 89°.73 7°.3/30.5 18

11 27	6 58.16	+ 2 5.5	1.934	2.725	14.8	21.5
12 7	6 51.42	+ 1 38.6	1.888	2.753	11.9	21.4
12 17	6 42.82	+ 1 29.8	1.866	2.780	9.2	21.3
12 27	6 33.24	+ 1 40.9	1.869	2.806	7.5	21.2
1 6	6 23.70	+ 2 11.0	1.901	2.832	7.8	21.3
1 16	6 15.19	+ 2 57.4	1.960	2.858	9.8	21.5
1 26	6 8.52	+ 3 55.8	2.045	2.883	12.2	21.7
2 5	6 4.18	+ 5 1.4	2.152	2.907	14.6	21.9

329091 2011 BC_{85} 12 28.8 287°.66 2°.6/29.4 18

11 27	6 54.67	+14 13.4	2.154	2.983	12.1	20.9
12 7	6 49.14	+14 27.1	2.075	2.980	9.0	20.7
12 17	6 41.71	+14 49.4	2.022	2.977	5.6	20.4
12 27	6 33.10	+15 19.4	1.998	2.974	2.7	20.3
1 6	6 24.23	+15 55.6	2.003	2.971	4.0	20.3
1 16	6 16.07	+16 35.6	2.037	2.968	7.4	20.5
1 26	6 9.50	+17 17.7	2.098	2.965	10.7	20.7
2 5	6 5.11	+18 0.1	2.183	2.962	13.6	20.9

244667 2003 JH_{5} 12 28.8 188°.33 2°.2/28.4 18

11 27	7 1.39	+27 44.3	2.060	2.895	12.4	20.8
12 7	6 54.22	+28 25.7	1.984	2.894	9.0	20.6
12 17	6 44.65	+29 5.6	1.934	2.893	5.3	20.4
12 27	6 33.56	+29 39.6	1.912	2.891	2.3	20.2
1 6	6 22.15	+30 4.5	1.922	2.889	4.3	20.3
1 16	6 11.64	+30 19.1	1.960	2.886	8.0	20.5
1 26	6 3.16	+30 24.5	2.026	2.882	11.5	20.7
2 5	5 57.42	+30 23.3	2.114	2.878	14.5	20.9

213357 2001 TE_{61} 12 28.8 62°.11 3°.6/28.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	7 1.28	+30 23.8	1.700	2.543	14.1	19.9
12 7	6 54.25	+31 17.9	1.655	2.568	10.3	19.7
12 17	6 44.63	+32 6.7	1.635	2.593	6.3	19.5
12 27	6 33.55	+32 44.7	1.643	2.618	3.6	19.4
1 6	6 22.45	+33 8.4	1.679	2.643	5.4	19.6
1 16	6 12.73	+33 17.6	1.744	2.668	9.0	19.8
1 26	6 5.52	+33 14.9	1.833	2.693	12.4	20.1
2 5	6 1.38	+33 4.1	1.944	2.717	15.3	20.4

99255 2001 LP_{11} 12 28.8 187°.25 4°.0/30.2 18

11 27	6 53.79	+ 5 47.4	3.123	3.912	9.7	20.1
12 7	6 47.98	+ 6 1.5	3.040	3.911	7.6	19.9
12 17	6 40.87	+ 6 26.2	2.982	3.910	5.5	19.8
12 27	6 32.98	+ 7 1.5	2.955	3.908	4.1	19.7
1 6	6 24.91	+ 7 46.3	2.959	3.906	4.5	19.7
1 16	6 17.30	+ 8 38.8	2.994	3.903	6.3	19.8
1 26	6 10.76	+ 9 36.9	3.058	3.900	8.5	20.0
2 5	6 5.73	+10 37.8	3.148	3.897	10.5	20.1

127578 2003 AA_{53} 12 28.8 265°.65 0°.7/28.7 18

11 27	7 0.22	+23 37.0	1.688	2.533	14.2	20.5
12 7	6 53.91	+24 2.3	1.598	2.515	10.3	20.2
12 17	6 44.74	+24 30.0	1.533	2.497	5.9	19.9
12 27	6 33.62	+24 56.8	1.495	2.478	1.1	19.5
1 6	6 21.89	+25 19.2	1.486	2.459	4.3	19.7
1 16	6 11.04	+25 35.6	1.505	2.440	9.2	19.9
1 26	6 2.45	+25 46.3	1.550	2.420	13.7	20.2
2 5	5 57.03	+25 52.8	1.615	2.400	17.4	20.4

143503 2003 DC_{15} 12 28.8 288°.56 5°.9/28.2 17

11 27	7 1.64	+38 20.9	1.897	2.726	13.5	19.7
12 7	6 54.80	+38 58.1	1.822	2.719	10.5	19.5
12 17	6 45.12	+39 24.2	1.771	2.712	7.6	19.4
12 27	6 33.66	+39 33.3	1.747	2.705	5.9	19.2
1 6	6 21.88	+39 22.3	1.751	2.698	7.0	19.3
1 16	6 11.31	+38 51.9	1.783	2.692	9.8	19.4
1 26	6 3.24	+38 6.5	1.839	2.685	13.0	19.6
2 5	5 58.41	+37 12.0	1.917	2.679	15.9	19.8

241083 2006 UJ_{55} 12 28.8 18°.80 11°.6/26.5 17

11 27	7 1.80	+44 4.1	1.268	2.108	18.2	19.5
12 7	6 56.32	+46 13.1	1.229	2.118	15.1	19.3
12 17	6 46.52	+48 2.2	1.211	2.130	12.6	19.2
12 27	6 33.91	+49 18.0	1.215	2.143	11.6	19.2
1 6	6 20.85	+49 53.3	1.243	2.157	12.7	19.3
1 16	6 9.84	+49 49.2	1.293	2.173	15.1	19.5
1 26	6 2.79	+49 13.9	1.363	2.190	17.8	19.7
2 5	6 0.50	+48 18.3	1.450	2.208	20.3	19.9

239148 2006 JD_{53} 12 28.8 131°.90 1°.9/28.6 18

11 27	7 1.25	+28 16.2	2.191	3.023	11.8	21.1
12 7	6 53.80	+28 40.0	2.129	3.038	8.6	20.9
12 17	6 44.26	+29 0.5	2.094	3.053	5.0	20.7
12 27	6 33.53	+29 14.7	2.088	3.067	2.0	20.6
1 6	6 22.71	+29 20.6	2.112	3.080	3.9	20.7
1 16	6 12.92	+29 18.1	2.167	3.093	7.3	21.0
1 26	6 5.08	+29 9.1	2.249	3.105	10.5	21.2
2 5	5 59.77	+28 55.9	2.354	3.117	13.2	21.4

262030 2006 QE_{123} 12 28.8 130°.96 1°.2/28.7 18

11 27	6 59.91	+26 49.1	1.982	2.821	12.6	20.9
12 7	6 53.02	+26 52.5	1.915	2.828	9.1	20.7
12 17	6 43.89	+26 53.2	1.874	2.836	5.2	20.5
12 27	6 33.47	+26 48.9	1.861	2.842	1.4	20.2
1 6	6 22.95	+26 38.5	1.878	2.849	3.8	20.4
1 16	6 13.49	+26 22.5	1.924	2.855	7.7	20.6
1 26	6 6.10	+26 2.8	1.997	2.862	11.3	20.9
2 5	6 1.35	+25 41.7	2.092	2.867	14.3	21.1

456377 2006 UU_{57} 12 28.8 63°.46 3°.7/29.3 16

11 27	6 57.15	+13 47.8	1.718	2.554	14.4	21.6
12 7	6 51.05	+13 28.8	1.664	2.570	10.7	21.4
12 17	6 42.79	+13 19.1	1.633	2.587	6.8	21.2
12 27	6 33.31	+13 19.2	1.630	2.604	3.9	21.1
1 6	6 23.80	+13 28.4	1.655	2.620	5.1	21.2
1 16	6 15.40	+13 45.4	1.708	2.637	8.7	21.5
1 26	6 9.04	+14 8.5	1.786	2.654	12.2	21.7
2 5	6 5.29	+14 35.5	1.886	2.671	15.3	22.0

395001 2009 BS_{102} 12 28.8 112°.88 5°.8/28.1 18

11 27	7 3.75	+37 44.5	1.906	2.732	13.6	21.4
12 7	6 56.15	+38 35.1	1.848	2.743	10.5	21.2
12 17	6 45.79	+39 14.8	1.814	2.755	7.4	21.0
12 27	6 33.79	+39 37.5	1.809	2.766	5.8	21.0
1 6	6 21.64	+39 40.0	1.831	2.776	6.9	21.0
1 16	6 10.83	+39 23.1	1.881	2.787	9.6	21.2
1 26	6 2.58	+38 51.1	1.957	2.797	12.6	21.4
2 5	5 57.54	+38 9.8	2.053	2.807	15.2	21.6

446425 2014 JC_{28} 12 28.8 143°.98 4°.0/29.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 56.90	+ 8 54.0	2.451	3.256	11.6	22.0
12 7	6 50.41	+ 8 55.9	2.383	3.269	8.9	21.9
12 17	6 42.30	+ 9 8.4	2.341	3.280	6.1	21.7
12 27	6 33.24	+ 9 31.4	2.329	3.292	4.1	21.6
1 6	6 24.07	+10 3.8	2.347	3.302	4.8	21.7
1 16	6 15.62	+10 43.8	2.395	3.312	7.2	21.8
1 26	6 8.62	+11 29.1	2.471	3.321	9.9	22.0
2 5	6 3.57	+12 17.2	2.571	3.330	12.4	22.2

383629 2007 RO_{77} 12 28.8 252°.39 3°.2/29.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 58.80	+14 6.3	2.071	2.895	12.7	22.0
12 7	6 52.36	+13 58.4	1.972	2.873	9.6	21.8
12 17	6 43.69	+13 58.2	1.898	2.850	6.1	21.5
12 27	6 33.49	+14 6.0	1.852	2.827	3.3	21.3
1 6	6 22.80	+14 21.0	1.837	2.802	4.7	21.4
1 16	6 12.73	+14 42.3	1.851	2.777	8.3	21.5
1 26	6 4.35	+15 8.6	1.892	2.751	12.1	21.7
2 5	5 58.40	+15 38.5	1.955	2.725	15.3	21.9

145623 2006 QL_{100} 12 28.8 199°.69 1°.6/28.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 2.73	+24 44.8	1.588	2.433	14.9	20.6
12 7	6 55.75	+25 32.3	1.515	2.431	10.8	20.3
12 17	6 45.77	+26 22.2	1.465	2.428	6.2	20.0
12 27	6 33.82	+27 8.8	1.443	2.425	1.8	19.7
1 6	6 21.39	+27 47.5	1.450	2.421	4.7	19.9
1 16	6 10.10	+28 15.8	1.485	2.417	9.5	20.2
1 26	6 1.35	+28 34.4	1.546	2.413	13.9	20.5
2 5	5 55.98	+28 45.6	1.627	2.408	17.5	20.7

362661 2011 UP_{7} 12 28.8 340°.83 1°.9/28.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 58.27	+26 41.7	1.641	2.491	14.2	21.3
12 7	6 52.40	+27 10.7	1.569	2.488	10.3	21.0
12 17	6 43.81	+27 38.9	1.522	2.485	6.0	20.8
12 27	6 33.51	+28 2.0	1.501	2.482	2.1	20.5
1 6	6 22.86	+28 17.0	1.509	2.480	4.6	20.7
1 16	6 13.33	+28 23.0	1.544	2.478	9.1	20.9
1 26	6 6.15	+28 21.3	1.604	2.476	13.2	21.2
2 5	6 2.09	+28 14.4	1.684	2.474	16.6	21.4

279374 2010 AE_{80} 12 28.8 6°.33 2°.6/29.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 53.59	+15 29.2	1.962	2.801	12.7	20.5
12 7	6 48.48	+15 26.7	1.892	2.802	9.4	20.2
12 17	6 41.40	+15 31.7	1.846	2.803	5.8	20.0
12 27	6 33.12	+15 43.8	1.827	2.804	2.8	19.8
1 6	6 24.64	+16 2.1	1.837	2.806	4.2	19.9
1 16	6 16.99	+16 25.0	1.875	2.809	7.8	20.2
1 26	6 11.06	+16 51.2	1.940	2.812	11.3	20.4
2 5	6 7.45	+17 19.2	2.027	2.815	14.2	20.6

470989 2009 SW_{103} 12 28.8 126°.56 4°.4/28.6 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 6.60	+33 56.7	1.652	2.486	14.9	21.6
12 7	6 58.29	+34 22.7	1.594	2.500	11.1	21.4
12 17	6 46.99	+34 39.0	1.560	2.513	7.2	21.2
12 27	6 33.98	+34 40.1	1.554	2.525	4.5	21.1
1 6	6 20.94	+34 23.8	1.576	2.537	6.0	21.2
1 16	6 9.50	+33 51.8	1.626	2.548	9.7	21.4
1 26	6 0.93	+33 9.2	1.702	2.559	13.4	21.7
2 5	5 55.83	+32 21.8	1.799	2.569	16.5	21.9

444611 2006 UH_{329} 12 28.8 32°.05 7°.2/30.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 55.56	+ 7 29.1	1.262	2.104	18.2	20.4
12 7	6 50.28	+ 6 57.8	1.226	2.128	14.1	20.2
12 17	6 42.45	+ 6 46.7	1.211	2.153	10.1	20.0
12 27	6 33.26	+ 6 57.7	1.219	2.180	7.4	20.0
1 6	6 24.18	+ 7 29.0	1.253	2.208	8.0	20.1
1 16	6 16.55	+ 8 16.6	1.311	2.236	11.2	20.3
1 26	6 11.40	+ 9 15.1	1.392	2.266	14.7	20.6
2 5	6 9.25	+10 18.8	1.493	2.295	17.8	20.9

514249 2015 PG_{62} 12 28.8 118°.13 5°.3/30.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 57.95	+ 7 9.8	1.990	2.799	13.8	21.5
12 7	6 51.41	+ 7 3.9	1.930	2.814	10.7	21.3
12 17	6 42.94	+ 7 12.2	1.894	2.830	7.6	21.2
12 27	6 33.35	+ 7 35.0	1.886	2.845	5.4	21.1
1 6	6 23.68	+ 8 11.2	1.907	2.859	6.0	21.2
1 16	6 14.92	+ 8 58.2	1.957	2.873	8.7	21.3
1 26	6 7.94	+ 9 52.6	2.033	2.886	11.6	21.6
2 5	6 3.30	+10 50.9	2.132	2.899	14.3	21.8

374250 2005 GT_{182} 12 28.8 254°.84 6°.6/29.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 52.58	+ 1 52.7	2.518	3.303	11.9	21.5
12 7	6 47.39	+ 1 13.0	2.439	3.297	9.8	21.4
12 17	6 40.66	+ 0 46.8	2.384	3.291	7.8	21.2
12 27	6 33.00	+ 0 36.2	2.357	3.285	6.7	21.1
1 6	6 25.15	+ 0 42.2	2.357	3.279	7.0	21.2
1 16	6 17.87	+ 1 4.0	2.386	3.273	8.7	21.3
1 26	6 11.88	+ 1 39.3	2.440	3.267	10.8	21.4
2 5	6 7.66	+ 2 24.8	2.516	3.261	13.0	21.5

18273 3140 $T\text{-}_{3}$ 12 28.8 139°.51 0°.0/28.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	7 1.93	+22 40.4	1.412	2.263	16.0	19.0
12 7	6 55.19	+22 48.5	1.347	2.267	11.6	18.7
12 17	6 45.41	+22 58.9	1.305	2.270	6.5	18.5
12 27	6 33.76	+23 8.6	1.290	2.273	1.0	18.1
1 6	6 21.84	+23 15.3	1.302	2.275	4.5	18.4
1 16	6 11.30	+23 18.3	1.341	2.278	9.8	18.7
1 26	6 3.50	+23 18.8	1.404	2.280	14.4	18.9
2 5	5 59.18	+23 18.3	1.487	2.283	18.2	19.2

35658 1998 QV_{9} 12 28.8 152°.46 3°.6/28.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 2.71	+33 44.5	2.200	3.026	12.0	19.6
12 7	6 54.98	+34 5.9	2.132	3.034	9.0	19.5
12 17	6 44.98	+34 19.7	2.091	3.042	5.8	19.3
12 27	6 33.68	+34 22.0	2.079	3.049	3.6	19.2
1 6	6 22.26	+34 11.2	2.096	3.056	4.9	19.2
1 16	6 11.95	+33 48.1	2.144	3.062	7.9	19.4
1 26	6 3.75	+33 15.8	2.218	3.067	11.0	19.6
2 5	5 58.24	+32 38.2	2.316	3.072	13.6	19.8

72718 2001 FJ_{90} 12 28.8 213°.73 1°.4/28.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 56.64	+26 58.8	2.377	3.213	10.9	19.5
12 7	6 50.52	+27 14.5	2.299	3.211	7.9	19.3
12 17	6 42.49	+27 28.4	2.246	3.208	4.5	19.1
12 27	6 33.30	+27 38.2	2.223	3.204	1.5	18.9
1 6	6 23.89	+27 42.3	2.231	3.201	3.4	19.0
1 16	6 15.25	+27 40.4	2.268	3.197	6.8	19.2
1 26	6 8.25	+27 33.6	2.332	3.194	10.0	19.4
2 5	6 3.47	+27 23.4	2.420	3.190	12.7	19.6

91574 1999 SV_{2} 12 28.8 38°.45 4°.8/28.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 59.50	+35 46.1	1.994	2.827	12.8	19.0
12 7	6 53.01	+36 26.8	1.928	2.831	9.7	18.8
12 17	6 44.03	+36 58.9	1.887	2.834	6.7	18.6
12 27	6 33.54	+37 17.5	1.874	2.838	4.9	18.5
1 6	6 22.85	+37 19.7	1.889	2.842	6.0	18.6
1 16	6 13.26	+37 5.9	1.932	2.846	8.9	18.8
1 26	6 5.92	+36 39.3	2.001	2.850	12.0	19.0
2 5	6 1.47	+36 4.3	2.091	2.855	14.7	19.2

332236 2006 JW_{21} 12 28.8 107°.44 0°.4/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 55.07	+20 15.3	2.404	3.238	10.8	20.8
12 7	6 49.28	+20 41.7	2.333	3.244	7.8	20.6
12 17	6 41.76	+21 11.5	2.289	3.250	4.4	20.4
12 27	6 33.19	+21 43.0	2.274	3.256	0.8	20.2
1 6	6 24.44	+22 14.0	2.289	3.262	3.0	20.4
1 16	6 16.40	+22 43.1	2.335	3.268	6.5	20.6
1 26	6 9.86	+23 9.6	2.409	3.274	9.6	20.8
2 5	6 5.37	+23 33.3	2.506	3.280	12.2	21.0

451986 2014 NC_{62} 12 28.8 192°.62 0°.5/28.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 58.44	+23 50.7	2.168	3.004	11.8	21.9
12 7	6 51.94	+24 10.3	2.090	3.003	8.5	21.7
12 17	6 43.34	+24 30.7	2.039	3.001	4.8	21.4
12 27	6 33.44	+24 49.4	2.016	2.999	0.9	21.2
1 6	6 23.29	+25 4.5	2.024	2.997	3.4	21.3
1 16	6 13.96	+25 15.0	2.062	2.994	7.3	21.6
1 26	6 6.41	+25 21.4	2.127	2.990	10.8	21.8
2 5	6 1.29	+25 24.8	2.215	2.987	13.7	22.0

46237 2001 HB_{10} 12 28.8 97°.50 4°.5/29.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 59.29	+11 10.9	2.024	2.841	13.2	18.7
12 7	6 52.21	+10 33.0	1.974	2.867	10.0	18.5
12 17	6 43.30	+10 4.7	1.948	2.892	6.8	18.4
12 27	6 33.42	+ 9 47.3	1.952	2.916	4.6	18.3
1 6	6 23.61	+ 9 41.1	1.984	2.940	5.5	18.4
1 16	6 14.83	+ 9 45.3	2.046	2.964	8.3	18.6
1 26	6 7.89	+ 9 58.5	2.135	2.986	11.2	18.8
2 5	6 3.27	+10 18.4	2.246	3.009	13.8	19.0

181492 2006 UU_{1} 12 28.8 154°.72 2°.1/28.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 59.52	+28 0.3	2.201	3.036	11.7	20.8
12 7	6 52.72	+28 38.2	2.132	3.042	8.5	20.6
12 17	6 43.78	+29 13.9	2.088	3.047	5.0	20.4
12 27	6 33.53	+29 43.9	2.074	3.052	2.2	20.3
1 6	6 23.06	+30 5.5	2.090	3.057	4.0	20.4
1 16	6 13.48	+30 17.8	2.135	3.061	7.5	20.6
1 26	6 5.76	+30 21.9	2.208	3.065	10.7	20.8
2 5	6 0.54	+30 19.8	2.304	3.069	13.5	21.0

489908 2008 OP_{14} 12 28.8 66°.12 5°.7/28.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 3.06	+40 45.0	2.122	2.938	12.8	20.7
12 7	6 55.26	+41 6.2	2.073	2.959	9.9	20.6
12 17	6 45.10	+41 14.0	2.049	2.981	7.3	20.5
12 27	6 33.71	+41 4.0	2.052	3.003	5.8	20.4
1 6	6 22.45	+40 35.3	2.084	3.025	6.5	20.5
1 16	6 12.61	+39 50.3	2.144	3.047	8.8	20.7
1 26	6 5.16	+38 53.6	2.231	3.069	11.3	20.9
2 5	6 0.60	+37 50.9	2.340	3.090	13.6	21.1

21498 Keenanferar 12 28.8 218°.20 7°.4/28.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	7 2.72	+ 9 30.2	1.673	2.491	15.6	17.7
12 7	6 55.28	+ 7 43.2	1.597	2.485	12.3	17.4
12 17	6 45.31	+ 6 3.9	1.546	2.479	9.1	17.2
12 27	6 33.78	+ 4 38.3	1.522	2.473	7.4	17.1
1 6	6 21.99	+ 3 31.6	1.527	2.466	8.6	17.2
1 16	6 11.26	+ 2 46.6	1.560	2.459	11.7	17.3
1 26	6 2.75	+ 2 23.1	1.617	2.452	15.1	17.5
2 5	5 57.15	+ 2 18.0	1.694	2.444	18.1	17.7

394136 2006 JA_{35} 12 28.8 109°.81 1°.7/28.6 18

11 27	7 1.40	+27 5.9	1.986	2.822	12.7	22.0
12 7	6 54.06	+27 33.8	1.930	2.841	9.2	21.8
12 17	6 44.48	+27 59.3	1.899	2.860	5.2	21.6
12 27	6 33.63	+28 19.0	1.898	2.878	1.9	21.4
1 6	6 22.74	+28 30.7	1.926	2.896	4.0	21.6
1 16	6 12.97	+28 34.2	1.984	2.913	7.7	21.9
1 26	6 5.32	+28 30.9	2.069	2.930	11.1	22.1
2 5	6 0.36	+28 23.3	2.176	2.946	14.0	22.3

27620 2001 KO_{61} 12 28.8 82°.09 7°.6/27.7 18

11 27	7 4.24	+45 58.0	2.310	3.106	12.5	18.6
12 7	6 56.41	+47 4.3	2.263	3.125	10.3	18.5
12 17	6 45.92	+47 55.3	2.241	3.144	8.4	18.4
12 27	6 33.87	+48 25.0	2.245	3.163	7.6	18.4
1 6	6 21.71	+48 30.6	2.277	3.181	8.2	18.5
1 16	6 10.84	+48 13.3	2.335	3.200	9.9	18.6
1 26	6 2.45	+47 37.4	2.419	3.218	11.8	18.8
2 5	5 57.16	+46 49.3	2.523	3.236	13.7	18.9

307366 2002 RC_{255} 12 28.8 116°.49 1°.7/29.1 18

11 27	6 58.67	+17 44.7	2.021	2.853	12.7	21.6
12 7	6 51.98	+17 46.2	1.959	2.868	9.2	21.4
12 17	6 43.29	+17 52.8	1.924	2.883	5.4	21.2
12 27	6 33.46	+18 3.5	1.917	2.897	2.0	21.0
1 6	6 23.55	+18 17.1	1.940	2.911	3.8	21.1
1 16	6 14.61	+18 32.4	1.992	2.924	7.5	21.4
1 26	6 7.53	+18 48.9	2.072	2.937	10.9	21.6
2 5	6 2.86	+19 6.0	2.174	2.949	13.8	21.8

388118 2005 UK_{438} 12 28.8 355°.93 1°.4/28.9 18

11 27	6 56.43	+20 42.2	1.161	2.030	17.5	20.9
12 7	6 51.69	+20 31.7	1.098	2.025	12.8	20.6
12 17	6 43.67	+20 25.8	1.056	2.022	7.4	20.3
12 27	6 33.56	+20 23.6	1.037	2.020	1.8	19.9
1 6	6 23.10	+20 23.5	1.044	2.019	5.1	20.1
1 16	6 14.08	+20 25.2	1.075	2.019	10.8	20.5
1 26	6 7.99	+20 28.8	1.128	2.020	15.9	20.8
2 5	6 5.60	+20 34.3	1.200	2.022	20.1	21.0

417410 2006 JN_{35} 12 28.8 257°.44 2°.7/28.1 18

11 27	6 57.49	+30 7.8	2.554	3.385	10.4	21.5
12 7	6 51.28	+30 58.8	2.463	3.370	7.7	21.3
12 17	6 43.05	+31 47.8	2.398	3.353	4.8	21.1
12 27	6 33.47	+32 31.0	2.363	3.337	2.8	21.0
1 6	6 23.45	+33 5.2	2.359	3.320	4.2	21.0
1 16	6 14.01	+33 28.8	2.385	3.303	7.2	21.2
1 26	6 6.11	+33 42.2	2.438	3.286	10.1	21.4
2 5	6 0.44	+33 47.3	2.515	3.268	12.7	21.5

269870 2000 EN_{171} 12 28.8 346°.50 9°.5/26.6 18

11 27	6 57.10	+41 20.7	1.452	2.296	16.1	18.9
12 7	6 52.64	+42 57.2	1.383	2.281	13.1	18.7
12 17	6 44.48	+44 21.5	1.336	2.267	10.5	18.5
12 27	6 33.74	+45 22.8	1.313	2.255	9.5	18.4
1 6	6 22.24	+45 53.8	1.314	2.244	10.7	18.4
1 16	6 12.09	+45 52.7	1.339	2.234	13.5	18.6
1 26	6 5.12	+45 24.3	1.384	2.226	16.7	18.7
2 5	6 2.35	+44 36.7	1.448	2.220	19.7	18.9

373675 2002 QY_{117} 12 28.8 68°.56 6°.2/28.8 17

11 27	7 3.07	+42 42.2	2.222	3.031	12.5	21.2
12 7	6 55.39	+42 59.6	2.159	3.038	9.9	21.0
12 17	6 45.26	+43 2.7	2.120	3.045	7.5	20.9
12 27	6 33.78	+42 47.0	2.108	3.052	6.2	20.8
1 6	6 22.33	+42 11.2	2.125	3.059	6.9	20.9
1 16	6 12.19	+41 17.6	2.170	3.067	9.0	21.0
1 26	6 4.43	+40 10.9	2.241	3.074	11.5	21.2
2 5	5 59.58	+38 57.4	2.335	3.081	13.8	21.4

356536 2011 SH_{134} 12 28.8 118°.17 3°.9/28.7 18

11 27	7 4.23	+34 40.7	2.040	2.866	12.8	21.1
12 7	6 56.13	+34 57.3	1.982	2.883	9.6	20.9
12 17	6 45.64	+35 4.6	1.950	2.900	6.2	20.7
12 27	6 33.85	+34 58.7	1.946	2.915	4.0	20.6
1 6	6 22.10	+34 38.4	1.972	2.931	5.2	20.7
1 16	6 11.65	+34 5.2	2.027	2.946	8.3	21.0
1 26	6 3.53	+33 23.2	2.109	2.960	11.4	21.2
2 5	5 58.30	+32 36.8	2.214	2.973	14.1	21.4

334559 2002 TK_{11} 12 28.8 81°.07 6°.3/28.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	7 3.08	+43 9.8	2.393	3.197	11.9	20.2
12 7	6 55.28	+43 56.8	2.347	3.221	9.5	20.1
12 17	6 45.17	+44 30.4	2.326	3.244	7.4	20.0
12 27	6 33.79	+44 45.8	2.333	3.268	6.3	20.0
1 6	6 22.42	+44 41.0	2.369	3.291	7.0	20.1
1 16	6 12.30	+44 17.3	2.432	3.314	8.8	20.2
1 26	6 4.42	+43 38.9	2.521	3.337	10.9	20.4
2 5	5 59.33	+42 50.9	2.632	3.359	12.9	20.6

196371 2003 FA_{118} 12 28.8 224°.76 3°.3/28.3 18

11 27	7 2.46	+30 34.8	1.985	2.819	12.8	20.9
12 7	6 55.29	+31 17.7	1.901	2.809	9.5	20.7
12 17	6 45.47	+31 57.1	1.842	2.798	5.9	20.4
12 27	6 33.88	+32 27.8	1.812	2.787	3.3	20.2
1 6	6 21.82	+32 46.0	1.811	2.775	5.1	20.3
1 16	6 10.68	+32 50.9	1.840	2.762	8.7	20.5
1 26	6 1.70	+32 44.2	1.895	2.749	12.3	20.7
2 5	5 55.68	+32 29.6	1.972	2.735	15.5	20.9

401215 2011 YM_{44} 12 28.8 19°.02 1°.9/29.1 18

11 27	6 56.26	+17 37.0	1.709	2.554	14.0	20.9
12 7	6 50.69	+17 40.2	1.641	2.556	10.3	20.7
12 17	6 42.78	+17 50.0	1.597	2.558	6.0	20.4
12 27	6 33.45	+18 5.6	1.581	2.561	2.2	20.2
1 6	6 23.89	+18 25.1	1.592	2.564	4.2	20.3
1 16	6 15.32	+18 47.0	1.631	2.568	8.5	20.6
1 26	6 8.81	+19 10.3	1.696	2.571	12.4	20.8
2 5	6 5.02	+19 34.0	1.783	2.575	15.7	21.1

373870 2003 SW_{51} 12 28.8 82°.32 3°.6/29.4 18

11 27	7 1.83	+14 26.9	1.333	2.177	17.3	21.2
12 7	6 54.91	+14 25.7	1.285	2.197	12.8	21.0
12 17	6 45.16	+14 36.3	1.259	2.216	7.8	20.8
12 27	6 33.81	+14 57.6	1.258	2.235	3.8	20.6
1 6	6 22.45	+15 27.3	1.285	2.254	5.5	20.8
1 16	6 12.59	+16 2.6	1.338	2.273	10.1	21.1
1 26	6 5.45	+16 40.9	1.416	2.292	14.3	21.4
2 5	6 1.63	+17 20.0	1.514	2.310	17.9	21.6

23587 Abukumado 12 28.8 81°.56 5°.3/29.7 18

11 27	7 1.44	+10 40.9	1.443	2.274	16.9	17.5
12 7	6 54.34	+10 21.0	1.398	2.299	12.8	17.3
12 17	6 44.73	+10 15.8	1.376	2.324	8.5	17.1
12 27	6 33.75	+10 25.6	1.380	2.348	5.5	17.0
1 6	6 22.84	+10 49.2	1.411	2.372	6.5	17.1
1 16	6 13.37	+11 23.7	1.470	2.396	10.1	17.4
1 26	6 6.38	+12 5.9	1.553	2.419	13.8	17.7
2 5	6 2.42	+12 52.0	1.656	2.442	17.0	17.9

264460 2001 CY_{37} 12 28.8 240°.57 7°.5/31.0 17

11 27	7 5.44	+ 3 4.4	1.312	2.121	19.5	20.9
12 7	6 58.32	+ 3 44.7	1.224	2.106	15.7	20.6
12 17	6 47.64	+ 4 56.9	1.156	2.091	11.4	20.3
12 27	6 34.32	+ 6 42.4	1.113	2.074	7.9	20.1
1 6	6 19.94	+ 8 56.3	1.099	2.057	8.4	20.1
1 16	6 6.43	+11 28.4	1.112	2.039	12.6	20.2
1 26	5 55.59	+14 6.7	1.151	2.020	17.5	20.4
2 5	5 48.61	+16 41.0	1.211	2.000	21.9	20.7

141655 2002 JP_{73} 12 28.8 250°.11 4°.7/29.4 18

11 27	6 59.94	+12 1.2	1.614	2.445	15.4	20.5
12 7	6 53.65	+11 44.2	1.528	2.430	11.8	20.3
12 17	6 44.65	+11 38.9	1.464	2.414	7.8	20.0
12 27	6 33.80	+11 46.2	1.427	2.398	4.8	19.8
1 6	6 22.39	+12 6.0	1.418	2.381	6.1	19.8
1 16	6 11.85	+12 36.5	1.436	2.364	10.2	20.0
1 26	6 3.47	+13 15.4	1.479	2.346	14.4	20.2
2 5	5 58.12	+13 59.7	1.543	2.327	18.1	20.4

198080 2004 SM_{15} 12 28.8 77°.32 6°.3/28.1 18

11 27	7 6.28	+36 31.8	1.554	2.390	15.6	20.9
12 7	6 58.32	+37 40.3	1.512	2.414	11.9	20.7
12 17	6 47.15	+38 36.8	1.493	2.437	8.3	20.6
12 27	6 34.15	+39 13.5	1.501	2.461	6.3	20.5
1 6	6 21.13	+39 26.3	1.536	2.484	7.6	20.7
1 16	6 9.87	+39 16.5	1.597	2.507	10.7	20.9
1 26	6 1.69	+38 49.7	1.683	2.530	14.0	21.1
2 5	5 57.22	+38 12.4	1.789	2.552	16.8	21.4

985 Rosina 12 28.8 74°.92 0°.7/28.8 18

11 27	7 6.41	+25 2.6	1.366	2.213	16.7	16.0
12 7	6 58.02	+25 1.8	1.328	2.245	12.0	15.8
12 17	6 46.75	+24 59.3	1.314	2.277	6.6	15.6
12 27	6 34.06	+24 52.3	1.326	2.309	1.2	15.3
1 6	6 21.68	+24 39.9	1.367	2.340	4.5	15.6
1 16	6 11.18	+24 23.3	1.435	2.371	9.4	16.0
1 26	6 3.68	+24 5.1	1.527	2.401	13.6	16.3
2 5	5 59.64	+23 47.5	1.641	2.430	17.0	16.6

137151 1999 *DO* 12 28.8 2°.54 6°.5/29.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 54.16	+ 7 47.3	1.490	2.324	16.3	18.9
12 7	6 49.38	+ 7 24.1	1.425	2.323	12.8	18.7
12 17	6 42.15	+ 7 18.1	1.381	2.323	9.2	18.4
12 27	6 33.38	+ 7 31.3	1.362	2.324	6.7	18.3
1 6	6 24.35	+ 8 3.2	1.369	2.325	7.4	18.4
1 16	6 16.34	+ 8 51.0	1.402	2.327	10.6	18.5
1 26	6 10.47	+ 9 50.3	1.458	2.330	14.3	18.8
2 5	6 7.45	+10 55.8	1.535	2.334	17.6	19.0

351075 2003 UN_{51} 12 28.8 104°.49 2°.2/28.8 15

11 27	7 4.27	+30 13.1	1.978	2.809	13.0	21.6
12 7	6 56.02	+30 12.8	1.925	2.833	9.4	21.4
12 17	6 45.53	+30 6.3	1.898	2.856	5.5	21.2
12 27	6 33.88	+29 51.0	1.900	2.878	2.4	21.1
1 6	6 22.36	+29 26.3	1.932	2.900	4.1	21.2
1 16	6 12.16	+28 53.9	1.994	2.922	7.8	21.5
1 26	6 4.26	+28 17.0	2.083	2.942	11.2	21.7
2 5	5 59.14	+27 39.0	2.196	2.962	14.0	22.0

60751 2000 GU_{98} 12 28.8 264°.20 5°.9/29.2 18

11 27	6 56.12	+ 8 3.4	1.965	2.781	13.6	19.5
12 7	6 50.40	+ 7 19.6	1.881	2.768	10.8	19.3
12 17	6 42.60	+ 6 47.0	1.821	2.756	7.9	19.1
12 27	6 33.46	+ 6 28.4	1.788	2.743	6.0	18.9
1 6	6 23.99	+ 6 25.1	1.783	2.730	6.8	18.9
1 16	6 15.25	+ 6 36.6	1.805	2.717	9.5	19.1
1 26	6 8.22	+ 7 1.1	1.853	2.704	12.7	19.3
2 5	6 3.55	+ 7 35.6	1.923	2.691	15.6	19.4

442499 2011 VO_{22} 12 28.8 103°.34 1°.7/29.1 18

11 27	6 58.48	+17 42.1	1.885	2.721	13.3	21.8
12 7	6 52.02	+17 50.6	1.824	2.734	9.7	21.6
12 17	6 43.41	+18 4.9	1.788	2.747	5.6	21.4
12 27	6 33.57	+18 23.8	1.780	2.760	1.9	21.2
1 6	6 23.62	+18 45.3	1.801	2.773	3.9	21.4
1 16	6 14.66	+19 8.2	1.852	2.785	7.8	21.6
1 26	6 7.68	+19 31.3	1.929	2.797	11.5	21.9
2 5	6 3.24	+19 54.2	2.028	2.809	14.5	22.1

188394 2004 DT_{34} 12 28.8 90°.49 2°.9/28.4 18

11 27	6 59.86	+29 13.6	1.823	2.666	13.4	20.3
12 7	6 53.38	+29 56.5	1.758	2.671	9.8	20.1
12 17	6 44.35	+30 36.3	1.717	2.676	5.9	19.9
12 27	6 33.75	+31 8.4	1.704	2.682	3.0	19.7
1 6	6 22.89	+31 29.1	1.720	2.687	4.9	19.8
1 16	6 13.13	+31 37.9	1.765	2.692	8.7	20.1
1 26	6 5.62	+31 36.3	1.834	2.697	12.3	20.3
2 5	6 1.05	+31 27.4	1.926	2.702	15.3	20.5

4928 Vermeer 12 28.8 97°.22 1°.8/29.0 18 R

11 27	7 4.45	+19 6.3	1.362	2.208	16.9	17.6
12 7	6 56.77	+19 2.0	1.314	2.229	12.2	17.4
12 17	6 46.20	+19 3.4	1.288	2.250	7.0	17.1
12 27	6 34.02	+19 8.6	1.289	2.270	2.1	16.9
1 6	6 21.89	+19 16.2	1.317	2.290	4.8	17.1
1 16	6 11.38	+19 25.1	1.373	2.309	9.7	17.4
1 26	6 3.71	+19 35.4	1.454	2.328	14.1	17.8
2 5	5 59.45	+19 46.9	1.554	2.346	17.7	18.0

44401 1998 SD_{106} 12 28.8 25°.15 9°.3/30.3 18

11 27	6 54.81	+ 2 7.7	1.465	2.280	17.5	18.2
12 7	6 49.75	+ 1 16.8	1.410	2.287	14.3	18.1
12 17	6 42.30	+ 0 48.1	1.375	2.295	11.3	17.9
12 27	6 33.42	+ 0 45.6	1.364	2.303	9.5	17.8
1 6	6 24.39	+ 1 10.0	1.378	2.312	9.9	17.9
1 16	6 16.46	+ 1 58.2	1.416	2.322	12.2	18.0
1 26	6 10.70	+ 3 4.8	1.478	2.332	15.1	18.2
2 5	6 7.75	+ 4 22.5	1.559	2.343	18.0	18.4

327817 2006 VX_{132} 12 28.8 135°.77 1°.8/29.1 18

11 27	7 2.55	+18 2.5	1.832	2.663	13.8	22.0
12 7	6 54.95	+17 59.8	1.771	2.679	10.1	21.8
12 17	6 45.05	+18 2.2	1.735	2.693	5.9	21.6
12 27	6 33.85	+18 8.5	1.727	2.708	2.1	21.4
1 6	6 22.57	+18 17.4	1.750	2.721	4.1	21.6
1 16	6 12.42	+18 28.2	1.802	2.733	8.2	21.8
1 26	6 4.43	+18 40.5	1.881	2.744	11.9	22.1
2 5	5 59.17	+18 54.0	1.982	2.755	15.0	22.3

135850 2002 SV_{42} 12 28.8 138°.32 1°.4/29.0 18

11 27	6 58.33	+19 20.2	1.968	2.805	12.8	20.3
12 7	6 51.90	+19 14.0	1.900	2.811	9.3	20.1
12 17	6 43.37	+19 11.4	1.856	2.817	5.4	19.8
12 27	6 33.59	+19 11.6	1.841	2.822	1.7	19.6
1 6	6 23.66	+19 13.7	1.855	2.827	3.7	19.7
1 16	6 14.67	+19 17.4	1.899	2.832	7.7	20.0
1 26	6 7.58	+19 22.4	1.969	2.837	11.3	20.2
2 5	6 2.97	+19 28.8	2.062	2.841	14.3	20.4

49563 1999 CQ_{100} 12 28.9 227°.85 1°.2/29.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 54.45	+17 48.5	2.467	3.298	10.7	18.9
12 7	6 48.90	+18 8.2	2.388	3.296	7.8	18.7
12 17	6 41.64	+18 33.1	2.334	3.293	4.5	18.5
12 27	6 33.33	+19 1.8	2.309	3.290	1.5	18.3
1 6	6 24.78	+19 32.6	2.316	3.287	3.1	18.4
1 16	6 16.86	+20 3.9	2.352	3.284	6.5	18.6
1 26	6 10.34	+20 34.7	2.416	3.281	9.6	18.8
2 5	6 5.79	+21 4.2	2.504	3.278	12.2	19.0

208084 1999 XB_{48} 12 28.9 51°.11 1°.9/28.6 18

11 27	7 0.76	+25 25.0	1.401	2.256	15.9	19.5
12 7	6 54.25	+26 10.9	1.357	2.278	11.4	19.3
12 17	6 44.86	+26 56.7	1.336	2.300	6.5	19.0
12 27	6 33.83	+27 37.0	1.342	2.323	2.1	18.8
1 6	6 22.78	+28 7.7	1.374	2.346	4.8	19.1
1 16	6 13.27	+28 27.5	1.434	2.369	9.5	19.4
1 26	6 6.52	+28 38.0	1.518	2.393	13.6	19.7
2 5	6 3.11	+28 41.7	1.622	2.417	17.0	20.0

272074 2005 EQ_{257} 12 28.9 205°.02 0°.2/28.9 18

11 27	6 54.80	+22 21.5	2.731	3.563	9.8	21.6
12 7	6 49.00	+22 24.2	2.649	3.560	7.0	21.4
12 17	6 41.64	+22 27.7	2.595	3.556	3.9	21.2
12 27	6 33.33	+22 31.1	2.570	3.553	0.7	20.9
1 6	6 24.84	+22 33.5	2.576	3.549	2.7	21.1
1 16	6 16.97	+22 34.4	2.613	3.545	5.9	21.3
1 26	6 10.44	+22 34.3	2.678	3.541	8.8	21.5
2 5	6 5.75	+22 33.5	2.767	3.536	11.3	21.7

116519 2004 BF_{43} 12 28.9 127°.41 3°.8/29.8 18

11 27	6 57.43	+10 2.4	2.266	3.078	12.2	19.6
12 7	6 50.95	+10 10.3	2.202	3.093	9.3	19.4
12 17	6 42.73	+10 29.0	2.164	3.107	6.2	19.2
12 27	6 33.50	+10 58.0	2.154	3.121	3.9	19.1
1 6	6 24.16	+11 35.8	2.175	3.135	4.7	19.2
1 16	6 15.61	+12 20.2	2.225	3.148	7.4	19.4
1 26	6 8.64	+13 8.7	2.304	3.160	10.3	19.6
2 5	6 3.77	+13 58.9	2.406	3.172	12.9	19.8

63501 2001 OD_{70} 12 28.9 40°.06 0°.7/28.9 18

11 27	6 59.38	+20 12.3	1.153	2.018	18.0	18.2
12 7	6 53.58	+20 34.3	1.110	2.035	12.9	17.9
12 17	6 44.59	+21 3.0	1.088	2.054	7.3	17.7
12 27	6 33.80	+21 34.6	1.091	2.073	1.4	17.4
1 6	6 23.00	+22 5.4	1.119	2.094	4.8	17.7
1 16	6 13.89	+22 32.9	1.172	2.115	10.3	18.0
1 26	6 7.80	+22 56.7	1.249	2.136	15.0	18.4
2 5	6 5.32	+23 16.9	1.344	2.158	18.8	18.7

359898 2011 WQ_{60} 12 28.9 18°.93 1°.2/29.0 18

11 27	6 57.12	+19 50.9	1.631	2.480	14.4	20.7
12 7	6 51.45	+19 53.5	1.565	2.482	10.5	20.5
12 17	6 43.29	+20 0.8	1.522	2.484	6.0	20.3
12 27	6 33.62	+20 11.4	1.505	2.487	1.5	20.0
1 6	6 23.72	+20 23.5	1.517	2.491	4.1	20.2
1 16	6 14.90	+20 36.0	1.557	2.494	8.7	20.4
1 26	6 8.28	+20 48.7	1.621	2.498	12.8	20.7
2 5	6 4.53	+21 1.4	1.707	2.502	16.2	20.9

280720 2005 GA_{139} 12 28.9 298°.19 6°.8/27.2 18

11 27	7 0.28	+42 7.4	2.289	3.102	12.0	20.2
12 7	6 53.81	+43 14.5	2.211	3.091	9.7	20.0
12 17	6 44.71	+44 10.9	2.159	3.080	7.7	19.9
12 27	6 33.86	+44 50.4	2.133	3.069	6.8	19.8
1 6	6 22.53	+45 8.8	2.136	3.058	7.6	19.8
1 16	6 12.11	+45 5.8	2.165	3.047	9.7	19.9
1 26	6 3.84	+44 44.1	2.220	3.037	12.1	20.1
2 5	5 58.52	+44 8.9	2.295	3.026	14.4	20.2

131383 2001 KJ_{40} 12 28.9 269°.36 4°.9/29.4 18

11 27	6 54.23	+ 7 48.8	2.519	3.324	11.3	20.1
12 7	6 48.76	+ 7 21.7	2.421	3.302	8.9	19.9
12 17	6 41.61	+ 7 4.3	2.347	3.280	6.5	19.7
12 27	6 33.36	+ 6 58.2	2.302	3.257	4.9	19.6
1 6	6 24.78	+ 7 3.8	2.287	3.234	5.6	19.6
1 16	6 16.70	+ 7 20.9	2.300	3.210	7.9	19.7
1 26	6 9.88	+ 7 47.8	2.341	3.187	10.6	19.8
2 5	6 4.93	+ 8 22.2	2.405	3.162	13.1	20.0

226974 2004 XW_{13} 12 28.9 80°.00 4°.6/30.6 18

11 27	6 56.56	+ 6 11.7	2.157	2.961	13.0	19.8
12 7	6 50.49	+ 6 49.2	2.087	2.969	10.1	19.6
12 17	6 42.56	+ 7 42.5	2.041	2.977	7.1	19.4
12 27	6 33.51	+ 8 50.6	2.023	2.985	4.8	19.3
1 6	6 24.24	+10 10.4	2.036	2.993	5.2	19.4
1 16	6 15.71	+11 37.7	2.079	3.001	7.9	19.5
1 26	6 8.77	+13 8.1	2.150	3.009	10.9	19.7
2 5	6 3.99	+14 37.5	2.246	3.017	13.5	19.9

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
162220 1999 TL_{79}			12 28.9 169°55		1°7/28.6 18	
	h m	° ′			°	m
11 27	7 0.77	+27 5.4	2.039	2.875	12.4	21.7
12 7	6 53.79	+27 30.3	1.967	2.878	9.0	21.5
12 17	6 44.50	+27 53.3	1.921	2.881	5.2	21.2
12 27	6 33.82	+28 11.0	1.903	2.884	1.8	21.0
1 6	6 22.91	+28 21.2	1.916	2.885	3.9	21.2
1 16	6 12.96	+28 23.4	1.958	2.887	7.8	21.4
1 26	6 5.04	+28 18.9	2.026	2.888	11.3	21.6
2 5	5 59.77	+28 10.0	2.118	2.888	14.3	21.8
457356 2008 SV_{263}			12 28.9 45°40		1°0/28.7 16	
11 27	6 56.17	+25 8.6	2.045	2.889	12.1	21.6
12 7	6 50.37	+25 28.6	1.983	2.899	8.7	21.4
12 17	6 42.53	+25 48.5	1.946	2.909	4.9	21.2
12 27	6 33.50	+26 5.5	1.937	2.919	1.2	20.9
1 6	6 24.34	+26 17.8	1.958	2.930	3.5	21.1
1 16	6 16.11	+26 24.8	2.008	2.941	7.3	21.4
1 26	6 9.74	+26 27.1	2.084	2.952	10.7	21.6
2 5	6 5.78	+26 26.1	2.183	2.964	13.6	21.8
361389 2006 VX_{91}			12 28.9 333°82		5°7/27.9 17	
11 27	6 59.74	+35 18.0	1.653	2.497	14.5	20.6
12 7	6 53.85	+36 16.4	1.582	2.489	11.1	20.4
12 17	6 44.89	+37 7.1	1.534	2.482	7.7	20.2
12 27	6 33.91	+37 42.8	1.511	2.476	5.7	20.0
1 6	6 22.46	+37 58.8	1.516	2.470	7.2	20.1
1 16	6 12.21	+37 54.6	1.548	2.464	10.5	20.3
1 26	6 4.59	+37 33.4	1.603	2.459	14.1	20.5
2 5	6 0.43	+37 0.9	1.678	2.454	17.2	20.7
283341 1999 TF_{209}			12 28.9 93°30		3°7/28.6 18	
11 27	7 4.07	+32 31.4	1.806	2.641	13.8	21.0
12 7	6 56.23	+32 58.8	1.756	2.663	10.2	20.8
12 17	6 45.82	+33 18.5	1.730	2.684	6.4	20.6
12 27	6 34.01	+33 25.9	1.733	2.706	3.7	20.5
1 6	6 22.25	+33 19.1	1.764	2.727	5.3	20.6
1 16	6 11.92	+32 59.4	1.824	2.747	8.7	20.9
1 26	6 4.10	+32 30.4	1.910	2.767	12.1	21.1
2 5	5 59.34	+31 56.4	2.018	2.787	15.0	21.4
68201 2001 BP_{77}			12 28.9 42°38		2°4/28.9 18	
11 27	6 59.17	+19 10.4	1.363	2.217	16.3	18.6
12 7	6 53.02	+18 36.6	1.312	2.231	11.9	18.4
12 17	6 44.14	+18 7.5	1.284	2.246	7.0	18.1
12 27	6 33.75	+17 43.6	1.281	2.261	2.6	17.9
1 6	6 23.38	+17 25.3	1.305	2.277	5.0	18.1
1 16	6 14.47	+17 13.0	1.356	2.294	9.7	18.4
1 26	6 8.17	+17 6.8	1.431	2.310	14.0	18.7
2 5	6 5.04	+17 6.2	1.526	2.328	17.5	19.0
482631 2013 AM_{75}			12 28.9 6°98		8°9/26.6 18	
11 27	7 2.60	+38 54.0	1.404	2.247	16.6	20.2
12 7	6 56.63	+40 51.5	1.347	2.248	13.2	20.0
12 17	6 46.78	+42 38.2	1.313	2.248	10.2	19.8
12 27	6 34.24	+44 1.8	1.304	2.250	8.9	19.7
1 6	6 21.01	+44 54.0	1.320	2.252	10.4	19.8
1 16	6 9.30	+45 13.0	1.360	2.255	13.4	20.0
1 26	6 0.97	+45 3.9	1.422	2.259	16.6	20.2
2 5	5 57.01	+44 35.3	1.502	2.263	19.6	20.4
272036 2005 EU_{83}			12 28.9 246°49		2°5/28.8 18	
11 27	7 4.30	+29 32.5	1.509	2.355	15.5	20.5
12 7	6 57.13	+29 34.4	1.430	2.345	11.4	20.2
12 17	6 46.71	+29 30.1	1.374	2.335	6.8	19.9
12 27	6 34.21	+29 15.4	1.345	2.325	2.7	19.7
1 6	6 21.28	+28 48.3	1.344	2.315	5.1	19.8
1 16	6 9.70	+28 10.6	1.370	2.304	10.0	20.0
1 26	6 0.94	+27 26.4	1.421	2.293	14.6	20.3
2 5	5 55.82	+26 41.0	1.493	2.281	18.5	20.5
30031 Angelakong			12 28.9 97°92		3°3/28.7 18	
11 27	7 5.31	+31 16.3	1.582	2.423	15.2	18.9
12 7	6 57.37	+31 33.8	1.530	2.441	11.1	18.7
12 17	6 46.55	+31 43.8	1.501	2.459	6.8	18.4
12 27	6 34.14	+31 41.8	1.500	2.477	3.4	18.3
1 6	6 21.77	+31 26.1	1.527	2.494	5.3	18.4
1 16	6 11.00	+30 58.3	1.582	2.511	9.4	18.7
1 26	6 3.05	+30 22.8	1.662	2.527	13.2	19.0
2 5	5 58.47	+29 44.1	1.764	2.543	16.4	19.2
260798 2005 NN_{86}			12 28.9 265°56		0°6/28.9 18	
11 27	7 1.17	+21 54.4	1.554	2.400	15.1	21.1
12 7	6 54.78	+21 50.4	1.467	2.383	11.1	20.8
12 17	6 45.41	+21 48.6	1.403	2.366	6.3	20.5
12 27	6 34.01	+21 47.1	1.366	2.348	1.2	20.1
1 6	6 22.03	+21 44.4	1.357	2.330	4.4	20.3
1 16	6 11.04	+21 40.1	1.375	2.312	9.7	20.5
1 26	6 2.49	+21 35.3	1.418	2.293	14.4	20.8
2 5	5 57.26	+21 31.3	1.482	2.274	18.4	21.0

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
389979 2012 TL_{252}			12 28.9 316°61		1°6/28.8 18	
	h m	° ′			°	m
11 27	7 0.64	+27 22.4	1.470	2.322	15.4	20.5
12 7	6 54.42	+27 21.7	1.397	2.316	11.3	20.2
12 17	6 45.14	+27 17.3	1.347	2.310	6.5	20.0
12 27	6 33.95	+27 6.0	1.323	2.305	1.9	19.7
1 6	6 22.43	+26 46.4	1.327	2.299	4.7	19.8
1 16	6 12.21	+26 19.4	1.357	2.294	9.7	20.1
1 26	6 4.68	+25 48.3	1.412	2.289	14.3	20.4
2 5	6 0.60	+25 16.6	1.487	2.285	18.1	20.6
421920 2014 QU_{231}			12 28.9 81°96		1°0/28.7 17	
11 27	6 57.78	+25 29.8	2.022	2.864	12.3	21.8
12 7	6 51.56	+25 45.1	1.957	2.871	8.9	21.5
12 17	6 43.22	+25 59.6	1.917	2.879	5.0	21.3
12 27	6 33.62	+26 10.8	1.905	2.887	1.2	21.1
1 6	6 23.89	+26 16.9	1.923	2.895	3.6	21.3
1 16	6 15.12	+26 17.7	1.970	2.903	7.5	21.5
1 26	6 8.27	+26 14.1	2.044	2.911	11.0	21.8
2 5	6 3.93	+26 7.7	2.140	2.919	13.9	22.0
348552 2005 UY_{416}			12 28.9 53°75		1°6/28.6 18	
11 27	6 58.16	+25 41.2	1.796	2.642	13.4	20.4
12 7	6 52.05	+26 17.4	1.737	2.654	9.6	20.2
12 17	6 43.57	+26 53.3	1.703	2.666	5.5	19.9
12 27	6 33.69	+27 25.2	1.697	2.678	1.7	19.7
1 6	6 23.64	+27 50.0	1.720	2.691	4.1	19.9
1 16	6 14.69	+28 6.6	1.771	2.704	8.2	20.2
1 26	6 7.89	+28 15.8	1.847	2.717	11.8	20.4
2 5	6 3.87	+28 19.4	1.946	2.730	14.9	20.7
97330 1999 XE_{245}			12 28.9 104°87		5°6/29.5 18	
11 27	6 55.38	+ 6 46.2	2.308	3.112	12.3	19.6
12 7	6 49.44	+ 6 1.5	2.246	3.125	9.7	19.5
12 17	6 41.88	+ 5 28.0	2.210	3.137	7.2	19.3
12 27	6 33.41	+ 5 7.8	2.201	3.149	5.6	19.3
1 6	6 24.87	+ 5 1.6	2.221	3.162	6.2	19.3
1 16	6 17.10	+ 5 8.7	2.270	3.173	8.3	19.5
1 26	6 10.82	+ 5 27.3	2.345	3.185	10.8	19.6
2 5	6 6.51	+ 5 54.7	2.442	3.197	13.0	19.8
53897 2000 FD_{48}			12 28.9 231°03		1°8/28.5 18	
11 27	7 1.21	+25 9.8	1.649	2.495	14.4	19.5
12 7	6 54.69	+25 57.7	1.573	2.489	10.5	19.2
12 17	6 45.30	+26 47.6	1.521	2.484	6.0	19.0
12 27	6 34.00	+27 34.3	1.497	2.478	1.9	18.7
1 6	6 22.20	+28 13.2	1.501	2.472	4.6	18.8
1 16	6 11.43	+28 41.9	1.533	2.465	9.3	19.1
1 26	6 3.06	+29 0.9	1.591	2.459	13.5	19.3
2 5	5 57.92	+29 12.2	1.670	2.452	17.1	19.6
397488 2007 RF_{85}			12 28.9 29°73		12°7/ 1.4 18	
11 27	6 55.53	− 8 48.8	1.614	2.371	18.6	20.8
12 7	6 50.20	− 9 34.2	1.556	2.375	16.4	20.6
12 17	6 42.57	− 9 49.3	1.516	2.379	14.3	20.5
12 27	6 33.54	− 9 28.8	1.497	2.384	12.9	20.4
1 6	6 24.29	− 8 32.2	1.502	2.389	12.9	20.4
1 16	6 16.03	− 7 3.4	1.530	2.394	14.1	20.5
1 26	6 9.80	− 5 10.0	1.581	2.399	16.2	20.7
2 5	6 6.25	− 3 1.9	1.651	2.405	18.4	20.8
278720 2008 SS_{55}			12 28.9 46°15		0°6/28.9 17	
11 27	6 55.42	+21 2.5	2.134	2.974	11.8	20.9
12 7	6 49.75	+21 5.1	2.066	2.979	8.5	20.7
12 17	6 42.17	+21 10.2	2.023	2.985	4.8	20.5
12 27	6 33.47	+21 16.5	2.008	2.991	1.0	20.2
1 6	6 24.62	+21 22.9	2.023	2.997	3.3	20.4
1 16	6 16.61	+21 28.8	2.068	3.003	7.0	20.7
1 26	6 10.30	+21 34.2	2.139	3.009	10.4	20.9
2 5	6 6.25	+21 39.4	2.233	3.015	13.3	21.1
79277 1995 SB_{25}			12 28.9 74°08		6°0/28.3 18	
11 27	7 5.75	+34 53.9	1.369	2.214	16.8	19.3
12 7	6 58.29	+35 51.6	1.321	2.230	12.7	19.1
12 17	6 47.32	+36 38.6	1.296	2.247	8.5	18.9
12 27	6 34.30	+37 6.6	1.296	2.263	6.0	18.8
1 6	6 21.20	+37 11.5	1.323	2.279	7.6	18.9
1 16	6 9.95	+36 54.5	1.375	2.295	11.3	19.2
1 26	6 2.03	+36 21.6	1.451	2.311	15.0	19.5
2 5	5 58.06	+35 39.7	1.547	2.327	18.3	19.7
226320 2003 EK_{3}			12 28.9 358°99		0°0/28.8 18	
11 27	6 58.34	+21 39.8	1.290	2.151	16.6	19.7
12 7	6 52.98	+22 8.6	1.225	2.149	12.1	19.4
12 17	6 44.45	+22 43.0	1.182	2.148	6.8	19.1
12 27	6 33.87	+23 19.2	1.165	2.147	1.1	18.8
1 6	6 22.89	+23 52.8	1.173	2.148	4.7	19.0
1 16	6 13.22	+24 21.5	1.207	2.148	10.2	19.3
1 26	6 6.33	+24 44.6	1.265	2.149	15.1	19.6
2 5	6 3.03	+25 2.9	1.342	2.151	19.1	19.9

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
369430 2009 WT_{256}			12 28.9 342°57		4°5/28.7 18	
	h m	° ′			°	m
11 27	6 55.95	+13 23.2	1.993	2.823	12.9	20.0
12 7	6 50.18	+12 19.4	1.918	2.819	9.8	19.8
12 17	6 42.44	+11 21.5	1.868	2.815	6.6	19.6
12 27	6 33.53	+10 32.0	1.845	2.812	4.5	19.5
1 6	6 24.44	+ 9 53.2	1.852	2.809	5.6	19.5
1 16	6 16.20	+ 9 26.2	1.887	2.807	8.7	19.7
1 26	6 9.69	+ 9 11.0	1.948	2.804	11.9	19.9
2 5	6 5.50	+ 9 6.2	2.031	2.802	14.8	20.1
13446 Almarkim			12 28.9 96°06		1°1/28.9 18	
11 27	6 56.58	+20 37.3	2.264	3.099	11.4	17.5
12 7	6 50.42	+20 19.3	2.197	3.108	8.2	17.3
12 17	6 42.48	+20 3.1	2.157	3.117	4.7	17.1
12 27	6 33.53	+19 48.3	2.145	3.127	1.3	16.9
1 6	6 24.51	+19 34.7	2.164	3.136	3.3	17.1
1 16	6 16.34	+19 22.7	2.212	3.144	6.8	17.3
1 26	6 9.82	+19 12.6	2.288	3.153	10.0	17.5
2 5	6 5.45	+19 4.9	2.387	3.162	12.7	17.7
79751 1998 SM_{166}			12 28.9 165°16		1°2/28.7 18	
11 27	7 2.41	+24 50.1	1.872	2.708	13.3	19.9
12 7	6 55.12	+25 21.6	1.801	2.714	9.7	19.7
12 17	6 45.34	+25 53.5	1.757	2.718	5.5	19.4
12 27	6 34.01	+26 22.1	1.740	2.722	1.4	19.2
1 6	6 22.41	+26 44.2	1.754	2.726	4.0	19.4
1 16	6 11.86	+26 58.8	1.797	2.728	8.2	19.6
1 26	6 3.50	+27 6.7	1.867	2.730	12.0	19.9
2 5	5 58.02	+27 9.9	1.959	2.732	15.2	20.1
362974 2013 CR_{23}			12 28.9 17°93		2°0/28.8 18	
11 27	6 59.50	+28 17.4	1.405	2.262	15.8	20.3
12 7	6 53.55	+28 18.1	1.345	2.266	11.5	20.0
12 17	6 44.61	+28 14.2	1.307	2.270	6.7	19.8
12 27	6 33.90	+28 2.3	1.294	2.275	2.3	19.5
1 6	6 23.03	+27 41.3	1.309	2.281	4.9	19.7
1 16	6 13.63	+27 12.6	1.350	2.287	9.7	20.0
1 26	6 6.99	+26 39.6	1.414	2.294	14.1	20.3
2 5	6 3.76	+26 5.7	1.499	2.302	17.7	20.5
293756 2007 RN_{85}			12 28.9 139°39		7°1/28.5 18	
11 27	7 7.35	+42 33.4	1.931	2.742	14.0	21.2
12 7	6 58.94	+43 13.2	1.870	2.750	11.2	21.1
12 17	6 47.53	+43 37.6	1.832	2.757	8.6	20.9
12 27	6 34.36	+43 40.1	1.822	2.764	7.1	20.8
1 6	6 21.10	+43 18.0	1.839	2.771	7.9	20.9
1 16	6 9.39	+42 33.4	1.883	2.777	10.3	21.1
1 26	6 0.52	+41 32.3	1.953	2.783	13.0	21.2
2 5	5 55.12	+40 22.1	2.044	2.789	15.6	21.4
511059 2013 SB_{62}			12 28.9 43°37		4°9/28.5 18	
11 27	7 3.51	+31 43.9	1.103	1.967	18.6	20.8
12 7	6 57.10	+32 26.0	1.058	1.979	13.8	20.6
12 17	6 46.82	+32 59.8	1.033	1.993	8.6	20.4
12 27	6 34.27	+33 17.4	1.031	2.007	5.0	20.2
1 6	6 21.67	+33 14.8	1.054	2.021	7.1	20.4
1 16	6 11.13	+32 53.7	1.102	2.036	11.9	20.7
1 26	6 4.24	+32 19.8	1.172	2.051	16.4	21.0
2 5	6 1.60	+31 39.8	1.259	2.067	20.2	21.3
75823 Csokonai			12 28.9 109°40		1°1/28.9 17	
11 27	6 58.74	+27 58.2	2.359	3.192	11.1	19.4
12 7	6 51.95	+27 41.5	2.290	3.200	8.0	19.2
12 17	6 43.33	+27 20.7	2.247	3.208	4.6	19.0
12 27	6 33.70	+26 54.7	2.234	3.216	1.3	18.8
1 6	6 24.03	+26 23.5	2.252	3.224	3.2	18.9
1 16	6 15.30	+25 48.4	2.300	3.231	6.7	19.2
1 26	6 8.30	+25 11.4	2.376	3.239	9.8	19.4
2 5	6 3.56	+24 34.8	2.476	3.246	12.5	19.6
329947 2005 QA_{39}			12 28.9 78°14		0°2/28.9 18	
11 27	7 3.25	+23 17.8	1.439	2.288	16.0	21.0
12 7	6 55.90	+23 28.2	1.393	2.311	11.5	20.7
12 17	6 45.75	+23 39.6	1.370	2.334	6.4	20.5
12 27	6 34.08	+23 49.0	1.373	2.356	1.0	20.2
1 6	6 22.49	+23 54.4	1.405	2.379	4.3	20.5
1 16	6 12.46	+23 55.5	1.464	2.401	9.2	20.8
1 26	6 5.17	+23 53.8	1.548	2.423	13.4	21.1
2 5	6 1.17	+23 50.8	1.653	2.445	16.8	21.4
266857 2009 UH_{98}			12 28.9 315°15		1°8/29.1 18	
11 27	6 55.38	+17 46.0	2.114	2.950	12.0	20.8
12 7	6 49.78	+17 40.2	2.037	2.947	8.8	20.6
12 17	6 42.26	+17 39.2	1.986	2.945	5.2	20.4
12 27	6 33.55	+17 42.6	1.963	2.943	2.0	20.1
1 6	6 24.62	+17 49.5	1.970	2.941	3.7	20.3
1 16	6 16.46	+17 59.3	2.005	2.939	7.4	20.5
1 26	6 9.97	+18 11.3	2.068	2.936	10.8	20.7
2 5	6 5.73	+18 25.1	2.153	2.935	13.7	20.9

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
456458 2006 VY_{125}			12 28.9 54°73		0°6/28.9 18	
	h m	° ′			°	m
11 27	6 58.47	+21 50.9	1.676	2.523	14.1	20.8
12 7	6 52.28	+21 45.1	1.618	2.535	10.2	20.6
12 17	6 43.71	+21 41.3	1.583	2.547	5.7	20.4
12 27	6 33.77	+21 38.1	1.577	2.559	1.1	20.1
1 6	6 23.77	+21 34.6	1.598	2.572	3.9	20.3
1 16	6 14.94	+21 30.6	1.648	2.584	8.3	20.6
1 26	6 8.34	+21 26.9	1.723	2.597	12.3	20.9
2 5	6 4.55	+21 23.9	1.819	2.610	15.5	21.1
214414 2005 OV_{26}			12 28.9 165°00		0°5/28.9 18	
11 27	6 57.78	+20 31.8	2.267	3.100	11.5	21.3
12 7	6 51.41	+20 50.5	2.193	3.103	8.3	21.1
12 17	6 43.13	+21 12.5	2.146	3.107	4.7	20.9
12 27	6 33.69	+21 35.8	2.127	3.110	0.9	20.6
1 6	6 24.04	+21 58.6	2.140	3.113	3.2	20.8
1 16	6 15.16	+22 19.6	2.182	3.115	6.9	21.1
1 26	6 7.93	+22 38.5	2.253	3.117	10.2	21.3
2 5	6 2.93	+22 55.3	2.346	3.118	13.0	21.5
418694 2008 UP_{10}			12 28.9 355°06		6°4/28.1 18	
11 27	6 59.96	+40 14.3	1.991	2.817	13.1	20.4
12 7	6 53.64	+41 1.9	1.924	2.815	10.4	20.2
12 17	6 44.63	+41 37.6	1.880	2.813	7.8	20.1
12 27	6 33.94	+41 55.8	1.862	2.812	6.4	20.0
1 6	6 22.98	+41 53.1	1.873	2.811	7.4	20.0
1 16	6 13.18	+41 30.2	1.910	2.810	9.8	20.2
1 26	6 5.77	+40 51.0	1.971	2.810	12.6	20.4
2 5	6 1.44	+40 1.3	2.054	2.810	15.1	20.5
71277 2000 AH_{44}			12 28.9 91°62		0°0/28.7 18	
11 27	7 1.13	+22 7.5	1.816	2.655	13.6	20.0
12 7	6 53.99	+22 26.2	1.765	2.678	9.8	19.8
12 17	6 44.58	+22 46.8	1.738	2.701	5.4	19.6
12 27	6 33.92	+23 6.8	1.741	2.723	0.9	19.3
1 6	6 23.25	+23 24.0	1.772	2.745	3.7	19.6
1 16	6 13.78	+23 37.4	1.833	2.767	7.9	19.9
1 26	6 6.49	+23 47.6	1.920	2.788	11.5	20.2
2 5	6 1.92	+23 55.3	2.030	2.809	14.5	20.4
457402 2008 TQ_{108}			12 28.9 334°69		4°5/28.0 18	
11 27	6 58.18	+34 32.8	2.084	2.919	12.2	20.9
12 7	6 52.19	+35 23.9	2.011	2.915	9.3	20.7
12 17	6 43.79	+36 8.7	1.962	2.911	6.3	20.5
12 27	6 33.84	+36 42.0	1.942	2.907	4.5	20.4
1 6	6 23.54	+37 0.3	1.950	2.903	5.8	20.4
1 16	6 14.16	+37 3.0	1.986	2.900	8.7	20.6
1 26	6 6.83	+36 52.3	2.048	2.897	11.7	20.8
2 5	6 2.26	+36 31.8	2.131	2.894	14.4	21.0
6954 Potemkin			12 28.9 177°80		1°2/28.7 18	
11 27	7 3.76	+24 57.5	1.637	2.479	14.7	18.1
12 7	6 56.44	+25 24.8	1.566	2.481	10.7	17.8
12 17	6 46.24	+25 52.6	1.520	2.482	6.1	17.6
12 27	6 34.24	+26 16.5	1.501	2.483	1.5	17.3
1 6	6 21.89	+26 33.5	1.511	2.483	4.4	17.5
1 16	6 10.75	+26 42.3	1.550	2.483	9.1	17.7
1 26	6 2.11	+26 44.5	1.614	2.481	13.4	18.0
2 5	5 56.73	+26 42.3	1.699	2.480	16.9	18.2
316426 2010 TG_{150}			12 28.9 136°06		0°3/28.9 18	
11 27	6 58.11	+21 4.8	2.341	3.172	11.2	21.0
12 7	6 51.54	+21 22.6	2.274	3.184	8.1	20.9
12 17	6 43.16	+21 42.8	2.234	3.195	4.5	20.7
12 27	6 33.72	+22 3.6	2.223	3.206	0.8	20.4
1 6	6 24.14	+22 23.2	2.243	3.216	3.1	20.6
1 16	6 15.36	+22 40.8	2.294	3.226	6.6	20.8
1 26	6 8.22	+22 55.9	2.372	3.235	9.8	21.1
2 5	6 3.24	+23 9.1	2.474	3.244	12.5	21.3
227848 2007 DF_{35}			12 28.9 335°35		1°9/28.7 18	
11 27	6 59.07	+26 31.8	1.260	2.123	16.8	19.9
12 7	6 53.76	+26 48.2	1.190	2.114	12.3	19.6
12 17	6 45.03	+27 3.4	1.141	2.106	7.1	19.3
12 27	6 34.06	+27 12.9	1.117	2.099	2.1	19.0
1 6	6 22.61	+27 13.6	1.119	2.092	5.3	19.2
1 16	6 12.54	+27 5.1	1.146	2.086	10.7	19.5
1 26	6 5.45	+26 50.0	1.196	2.081	15.7	19.7
2 5	6 2.20	+26 31.5	1.265	2.077	19.9	20.0
118480 2000 BG_{10}			12 28.9 207°71		2°7/29.4 18	
11 27	7 0.06	+14 34.3	1.974	2.799	13.2	20.3
12 7	6 53.34	+14 42.6	1.891	2.793	9.9	20.1
12 17	6 44.37	+14 59.5	1.832	2.787	6.1	19.8
12 27	6 33.94	+15 24.4	1.803	2.779	2.9	19.6
1 6	6 23.14	+15 55.5	1.803	2.771	4.4	19.7
1 16	6 13.13	+16 30.7	1.833	2.763	8.2	19.9
1 26	6 4.96	+17 8.2	1.890	2.753	11.9	20.1
2 5	5 59.33	+17 46.6	1.970	2.743	15.1	20.3

408691 2014 MX_{56} 12 28.9 103°.27 1°.9/28.7 15

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 59.34	+27 56.0	2.024	2.863	12.4	22.0
12 7	6 52.75	+28 17.4	1.960	2.873	9.0	21.8
12 17	6 43.95	+28 36.1	1.922	2.882	5.2	21.5
12 27	6 33.86	+28 48.9	1.912	2.892	2.0	21.4
1 6	6 23.64	+28 53.8	1.932	2.901	4.0	21.5
1 16	6 14.45	+28 50.7	1.981	2.911	7.7	21.8
1 26	6 7.26	+28 41.3	2.056	2.920	11.1	22.0
2 5	6 2.67	+28 27.8	2.154	2.929	13.9	22.2

27105 Clarkben 12 28.9 142°.01 2°.7/28.4 18

11 27	7 3.51	+28 16.8	1.759	2.598	14.0	19.1
12 7	6 56.12	+29 4.8	1.695	2.607	10.2	18.9
12 17	6 46.01	+29 50.4	1.656	2.616	6.1	18.7
12 27	6 34.21	+30 28.2	1.646	2.624	2.8	18.5
1 6	6 22.16	+30 54.5	1.664	2.632	4.9	18.6
1 16	6 11.30	+31 8.0	1.712	2.639	8.9	18.9
1 26	6 2.86	+31 10.8	1.785	2.645	12.7	19.1
2 5	5 57.56	+31 6.0	1.880	2.651	15.8	19.3

99704 2002 JX_{35} 12 28.9 48°.29 3°.5/29.2 18

11 27	6 55.65	+14 14.2	2.007	2.839	12.8	19.3
12 7	6 49.95	+13 43.7	1.940	2.844	9.6	19.1
12 17	6 42.34	+13 20.4	1.898	2.850	6.1	18.9
12 27	6 33.61	+13 5.0	1.884	2.856	3.6	18.8
1 6	6 24.75	+12 58.0	1.898	2.862	4.8	18.9
1 16	6 16.76	+12 58.9	1.941	2.868	8.0	19.1
1 26	6 10.50	+13 7.0	2.010	2.875	11.3	19.3
2 5	6 6.51	+13 20.7	2.102	2.881	14.1	19.5

110593 2001 TD_{128} 12 28.9 13°.90 11°.3/26.8 18

11 27	6 58.66	+39 7.1	0.950	1.821	20.3	17.5
12 7	6 54.72	+41 21.0	0.912	1.827	16.3	17.3
12 17	6 46.05	+43 18.4	0.893	1.835	12.7	17.1
12 27	6 34.27	+44 43.3	0.895	1.845	11.3	17.1
1 6	6 22.01	+45 25.9	0.918	1.857	12.8	17.2
1 16	6 12.05	+45 26.6	0.962	1.871	16.1	17.4
1 26	6 6.45	+44 54.4	1.024	1.887	19.6	17.7
2 5	6 5.95	+44 0.9	1.102	1.905	22.8	18.0

429436 2010 VF_{32} 12 28.9 84°.42 1°.4/28.7 18

11 27	7 5.41	+23 17.5	1.314	2.164	17.1	20.7
12 7	6 57.81	+24 14.8	1.269	2.188	12.3	20.5
12 17	6 47.01	+25 14.9	1.247	2.211	6.9	20.2
12 27	6 34.37	+26 11.1	1.252	2.234	1.7	19.9
1 6	6 21.68	+26 57.9	1.284	2.256	4.9	20.2
1 16	6 10.69	+27 33.0	1.344	2.279	10.0	20.6
1 26	6 2.75	+27 57.3	1.427	2.300	14.4	20.9
2 5	5 58.49	+28 13.3	1.531	2.322	18.0	21.2

44740 1999 TJ_{37} 12 28.9 307°.16 3°.4/29.5 18

11 27	6 56.67	+13 41.2	1.591	2.432	15.1	17.9
12 7	6 51.39	+13 52.2	1.509	2.419	11.4	17.6
12 17	6 43.49	+14 15.5	1.451	2.407	7.1	17.3
12 27	6 33.84	+14 50.6	1.418	2.395	3.6	17.1
1 6	6 23.70	+15 35.1	1.414	2.383	5.1	17.2
1 16	6 14.41	+16 26.1	1.436	2.372	9.4	17.4
1 26	6 7.25	+17 20.2	1.484	2.361	13.7	17.6
2 5	6 3.03	+18 14.7	1.552	2.350	17.4	17.8

215498 2002 TK_{226} 12 28.9 30°.25 9°.3/26.4 18

11 27	7 3.43	+38 38.5	1.343	2.189	17.1	18.9
12 7	6 57.25	+40 57.6	1.302	2.203	13.5	18.8
12 17	6 47.14	+43 3.8	1.284	2.219	10.5	18.6
12 27	6 34.44	+44 43.7	1.291	2.235	9.3	18.6
1 6	6 21.24	+45 48.9	1.324	2.253	10.7	18.7
1 16	6 9.75	+46 18.4	1.380	2.271	13.5	19.0
1 26	6 1.81	+46 18.2	1.458	2.290	16.5	19.2
2 5	5 58.24	+45 57.2	1.554	2.310	19.2	19.4

435531 2008 KC_{35} 12 28.9 146°.61 1°.6/28.6 18

11 27	7 3.31	+25 37.3	1.927	2.761	13.1	22.0
12 7	6 55.73	+26 19.9	1.862	2.773	9.5	21.8
12 17	6 45.70	+27 2.3	1.823	2.784	5.4	21.6
12 27	6 34.19	+27 40.2	1.813	2.794	1.7	21.3
1 6	6 22.45	+28 10.1	1.833	2.803	4.1	21.5
1 16	6 11.77	+28 30.7	1.883	2.811	8.1	21.8
1 26	6 3.27	+28 43.0	1.959	2.819	11.7	22.0
2 5	5 57.61	+28 49.0	2.059	2.826	14.8	22.2

295567 2008 SF_{86} 12 28.9 271°.24 1°.4/28.9 18

11 27	7 0.01	+20 58.0	1.595	2.442	14.8	20.8
12 7	6 53.71	+20 35.5	1.519	2.436	10.8	20.5
12 17	6 44.72	+20 14.8	1.467	2.429	6.2	20.2
12 27	6 34.04	+19 55.5	1.441	2.423	1.7	19.9
1 6	6 23.04	+19 37.4	1.444	2.417	4.4	20.1
1 16	6 13.14	+19 21.2	1.474	2.410	9.2	20.4
1 26	6 5.59	+19 8.0	1.529	2.404	13.5	20.6
2 5	6 1.10	+18 58.6	1.605	2.397	17.2	20.8

303638 2005 JZ_{139} 12 28.9 346°.71 3°.9/27.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	7 0.02	+28 33.3	1.609	2.458	14.5	20.1
12 7	6 54.08	+30 0.3	1.539	2.455	10.7	19.9
12 17	6 45.13	+31 27.8	1.494	2.453	6.6	19.6
12 27	6 34.13	+32 48.1	1.475	2.450	3.9	19.5
1 6	6 22.56	+33 54.3	1.486	2.448	6.0	19.6
1 16	6 12.02	+34 42.6	1.523	2.447	10.0	19.8
1 26	6 3.98	+35 13.6	1.585	2.446	14.0	20.0
2 5	5 59.31	+35 30.7	1.668	2.445	17.3	20.3

469473 2002 RY_{224} 12 28.9 67°.67 0°.6/29.0 16

11 27	7 4.20	+19 25.0	1.290	2.139	17.4	21.2
12 7	6 56.74	+20 7.5	1.252	2.170	12.5	21.0
12 17	6 46.31	+20 56.8	1.237	2.200	7.0	20.8
12 27	6 34.27	+21 47.7	1.248	2.230	1.3	20.5
1 6	6 22.34	+22 35.5	1.286	2.260	4.5	20.8
1 16	6 12.13	+23 17.3	1.352	2.290	9.7	21.2
1 26	6 4.86	+23 52.4	1.442	2.319	14.0	21.5
2 5	6 1.08	+24 21.6	1.553	2.348	17.5	21.8

191517 2003 UK_{116} 12 28.9 22°.69 2°.3/29.3 17

11 27	6 54.82	+16 32.7	1.914	2.753	13.0	20.1
12 7	6 49.51	+16 29.7	1.847	2.758	9.5	19.9
12 17	6 42.17	+16 33.4	1.805	2.763	5.7	19.6
12 27	6 33.62	+16 43.3	1.790	2.768	2.5	19.4
1 6	6 24.90	+16 58.2	1.804	2.774	4.0	19.6
1 16	6 17.05	+17 17.0	1.846	2.780	7.8	19.8
1 26	6 11.00	+17 38.3	1.914	2.787	11.3	20.0
2 5	6 7.34	+18 1.2	2.005	2.794	14.4	20.3

453106 2007 WR_{62} 12 28.9 245°.27 2°.2/28.8 18

11 27	7 1.06	+30 33.8	2.141	2.974	12.0	20.9
12 7	6 54.07	+30 29.6	2.055	2.963	8.9	20.7
12 17	6 44.77	+30 19.3	1.994	2.951	5.3	20.5
12 27	6 34.05	+30 0.3	1.961	2.940	2.4	20.3
1 6	6 23.07	+29 31.6	1.959	2.928	4.1	20.4
1 16	6 13.03	+28 54.5	1.987	2.915	7.7	20.6
1 26	6 4.98	+28 11.8	2.042	2.903	11.3	20.8
2 5	5 59.56	+27 27.1	2.120	2.890	14.3	20.9

370482 2003 QA_{27} 12 28.9 112°.29 1°.0/29.0 16

11 27	7 4.95	+20 32.6	1.605	2.442	15.2	21.8
12 7	6 56.92	+20 33.5	1.553	2.465	10.9	21.6
12 17	6 46.31	+20 37.7	1.525	2.487	6.2	21.4
12 27	6 34.28	+20 43.2	1.526	2.508	1.4	21.1
1 6	6 22.28	+20 48.3	1.555	2.528	4.1	21.3
1 16	6 11.71	+20 52.7	1.614	2.548	8.7	21.7
1 26	6 3.66	+20 56.9	1.698	2.566	12.8	21.9
2 5	5 58.70	+21 1.4	1.804	2.584	16.1	22.2

152047 2004 PJ_{31} 12 28.9 118°.66 0°.3/28.9 18

11 27	6 57.48	+21 48.1	2.228	3.063	11.5	21.1
12 7	6 51.19	+21 54.6	2.161	3.073	8.3	20.9
12 17	6 43.02	+22 2.9	2.121	3.083	4.7	20.7
12 27	6 33.76	+22 11.4	2.110	3.093	0.8	20.4
1 6	6 24.39	+22 18.8	2.129	3.102	3.2	20.6
1 16	6 15.87	+22 24.7	2.178	3.111	6.8	20.9
1 26	6 9.04	+22 29.1	2.254	3.120	10.1	21.1
2 5	6 4.45	+22 32.7	2.354	3.129	12.9	21.3

131716 2001 YJ_{71} 12 28.9 179°.28 1°.0/28.8 18

11 27	7 3.46	+23 56.8	1.516	2.362	15.4	20.2
12 7	6 56.42	+24 28.0	1.447	2.363	11.2	20.0
12 17	6 46.35	+25 1.2	1.401	2.364	6.3	19.7
12 27	6 34.34	+25 31.9	1.382	2.364	1.4	19.4
1 6	6 21.93	+25 56.4	1.392	2.364	4.5	19.6
1 16	6 10.78	+26 13.0	1.429	2.364	9.6	19.9
1 26	6 2.27	+26 22.7	1.491	2.363	14.0	20.1
2 5	5 57.18	+26 27.6	1.574	2.361	17.7	20.4

203983 2003 SE_{240} 12 28.9 138°.56 1°.5/28.7 18

11 27	7 1.66	+27 7.4	2.155	2.987	12.0	21.4
12 7	6 54.27	+27 23.2	2.091	3.000	8.7	21.2
12 17	6 44.77	+27 36.5	2.053	3.013	5.0	21.0
12 27	6 34.05	+27 44.5	2.044	3.025	1.6	20.8
1 6	6 23.24	+27 45.6	2.066	3.036	3.6	20.9
1 16	6 13.44	+27 39.8	2.117	3.047	7.3	21.2
1 26	6 5.60	+27 28.8	2.197	3.056	10.6	21.4
2 5	6 0.28	+27 14.7	2.299	3.066	13.4	21.6

60677 2000 GO_{18} 12 28.9 150°.84 0°.6/28.9 18

11 27	7 1.62	+21 2.8	1.989	2.822	12.8	20.4
12 7	6 54.33	+21 6.8	1.922	2.832	9.3	20.2
12 17	6 44.85	+21 13.1	1.880	2.841	5.3	20.0
12 27	6 34.08	+21 20.1	1.867	2.849	1.1	19.7
1 6	6 23.17	+21 26.3	1.885	2.857	3.6	19.9
1 16	6 13.26	+21 31.2	1.932	2.864	7.6	20.2
1 26	6 5.34	+21 35.2	2.006	2.871	11.3	20.4
2 5	6 0.01	+21 38.9	2.104	2.876	14.3	20.6

337985 2002 CG_{200} 12 28.9 354°.18 4°.6/28.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 59.67	+32 21.8	1.250	2.111	17.0	20.4
12 7	6 54.31	+32 46.8	1.186	2.106	12.8	20.1
12 17	6 45.38	+33 3.5	1.143	2.103	8.1	19.9
12 27	6 34.20	+33 5.5	1.125	2.100	4.7	19.7
1 6	6 22.66	+32 49.7	1.131	2.098	6.7	19.8
1 16	6 12.73	+32 17.3	1.163	2.097	11.3	20.0
1 26	6 5.99	+31 33.4	1.217	2.098	15.8	20.3
2 5	6 3.21	+30 44.3	1.289	2.099	19.7	20.6

249936 2001 TR_{124} 12 28.9 21°.05 2°.7/28.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 0.05	+30 36.6	1.582	2.431	14.7	19.8
12 7	6 53.76	+30 31.6	1.519	2.436	10.8	19.6
12 17	6 44.70	+30 19.3	1.480	2.441	6.4	19.4
12 27	6 34.06	+29 57.0	1.468	2.447	2.8	19.2
1 6	6 23.33	+29 23.8	1.483	2.453	4.8	19.3
1 16	6 13.98	+28 42.0	1.525	2.460	9.1	19.6
1 26	6 7.20	+27 55.5	1.593	2.467	13.1	19.8
2 5	6 3.60	+27 8.4	1.681	2.475	16.5	20.1

43406 2000 WR_{135} 12 28.9 1°.30 7°.5/27.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 0.85	+35 33.9	1.334	2.187	16.7	17.2
12 7	6 55.37	+37 16.3	1.274	2.185	12.9	17.0
12 17	6 46.14	+38 51.1	1.237	2.185	9.3	16.8
12 27	6 34.35	+40 7.3	1.225	2.185	7.5	16.7
1 6	6 21.93	+40 56.5	1.238	2.185	9.2	16.8
1 16	6 10.98	+41 16.7	1.276	2.187	12.7	17.0
1 26	6 3.31	+41 11.9	1.335	2.190	16.4	17.2
2 5	5 59.84	+40 49.7	1.413	2.193	19.7	17.4

441416 2008 GK_{46} 12 28.9 246°.24 1°.0/28.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 1.80	+23 34.2	1.644	2.488	14.5	22.3
12 7	6 55.27	+24 13.1	1.560	2.475	10.6	22.0
12 17	6 45.79	+24 55.5	1.500	2.463	6.0	21.7
12 27	6 34.30	+25 37.0	1.467	2.449	1.3	21.4
1 6	6 22.20	+26 13.3	1.463	2.436	4.4	21.5
1 16	6 11.02	+26 41.9	1.488	2.422	9.3	21.8
1 26	6 2.21	+27 2.7	1.538	2.407	13.8	22.0
2 5	5 56.65	+27 17.3	1.608	2.392	17.5	22.2

229601 2006 BE_{276} 12 28.9 60°.29 1°.1/29.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 56.00	+19 43.0	2.088	2.926	12.1	21.1
12 7	6 50.26	+19 45.8	2.020	2.932	8.8	20.9
12 17	6 42.57	+19 52.2	1.976	2.938	5.0	20.6
12 27	6 33.73	+20 1.1	1.961	2.943	1.4	20.4
1 6	6 24.73	+20 11.3	1.976	2.949	3.4	20.6
1 16	6 16.58	+20 21.9	2.020	2.955	7.2	20.8
1 26	6 10.14	+20 32.7	2.091	2.961	10.6	21.0
2 5	6 6.00	+20 43.6	2.185	2.967	13.5	21.2

463381 2013 BM_{62} 12 28.9 340°.15 4°.7/30.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 57.03	+ 9 1.3	1.787	2.609	14.5	21.1
12 7	6 51.28	+ 9 12.0	1.714	2.609	11.2	20.8
12 17	6 43.28	+ 9 37.9	1.665	2.609	7.6	20.6
12 27	6 33.86	+10 18.8	1.642	2.609	5.0	20.5
1 6	6 24.14	+11 12.6	1.648	2.609	5.7	20.5
1 16	6 15.28	+12 15.8	1.682	2.609	9.0	20.7
1 26	6 8.31	+13 24.4	1.742	2.609	12.6	20.9
2 5	6 3.92	+14 34.6	1.824	2.609	15.7	21.1

19899 1188 $T\text{-}_3$ 12 28.9 114°.66 2°.0/28.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 2.92	+28 32.2	1.726	2.567	14.1	19.5
12 7	6 55.59	+28 38.3	1.665	2.578	10.2	19.3
12 17	6 45.66	+28 40.0	1.628	2.589	6.0	19.1
12 27	6 34.23	+28 33.9	1.619	2.599	2.2	18.9
1 6	6 22.73	+28 18.8	1.638	2.609	4.4	19.0
1 16	6 12.54	+27 55.7	1.686	2.619	8.6	19.3
1 26	6 4.79	+27 27.5	1.761	2.628	12.4	19.6
2 5	6 0.10	+26 57.5	1.857	2.637	15.7	19.8

227132 2005 OJ_{10} 12 28.9 120°.12 3°.5/28.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 4.60	+30 56.9	1.611	2.452	14.9	20.7
12 7	6 57.07	+31 28.2	1.552	2.463	11.0	20.5
12 17	6 46.61	+31 53.2	1.516	2.473	6.7	20.3
12 27	6 34.40	+32 6.9	1.508	2.484	3.6	20.1
1 6	6 22.05	+32 6.2	1.528	2.493	5.4	20.2
1 16	6 11.14	+31 51.8	1.576	2.503	9.5	20.5
1 26	6 2.95	+31 27.4	1.649	2.512	13.4	20.8
2 5	5 58.16	+30 57.5	1.743	2.521	16.6	21.0

363343 2002 QA_6 12 28.9 129°.24 4°.1/29.1 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 4.11	+39 46.8	2.879	3.681	10.1	20.6
12 7	6 55.60	+39 41.3	2.813	3.695	7.8	20.4
12 17	6 45.33	+39 24.7	2.774	3.708	5.5	20.3
12 27	6 34.16	+38 54.7	2.765	3.721	4.1	20.2
1 6	6 23.11	+38 11.1	2.788	3.734	4.8	20.3
1 16	6 13.13	+37 15.7	2.842	3.746	6.8	20.4
1 26	6 5.00	+36 12.3	2.924	3.758	9.1	20.6
2 5	5 59.16	+35 5.1	3.032	3.770	11.1	20.8

296759 2009 UD_{34} 12 28.9 135°.67 0°.9/29.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 56.37	+19 57.3	2.457	3.288	10.7	21.4
12 7	6 50.26	+19 56.2	2.388	3.296	7.8	21.2
12 17	6 42.47	+19 57.7	2.344	3.304	4.4	21.0
12 27	6 33.72	+20 1.0	2.331	3.312	1.2	20.8
1 6	6 24.85	+20 5.1	2.347	3.320	3.0	21.0
1 16	6 16.72	+20 9.6	2.395	3.327	6.4	21.2
1 26	6 10.09	+20 14.5	2.470	3.334	9.4	21.4
2 5	6 5.46	+20 19.9	2.569	3.340	12.0	21.6

53479 2000 AG_{56} 12 28.9 111°.48 1°.6/29.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 1.61	+17 39.9	1.601	2.440	15.1	19.1
12 7	6 54.69	+18 1.2	1.542	2.454	11.0	18.9
12 17	6 45.20	+18 30.1	1.507	2.468	6.4	18.6
12 27	6 34.17	+19 4.0	1.500	2.481	2.0	18.4
1 6	6 22.99	+19 40.0	1.521	2.494	4.2	18.6
1 16	6 13.01	+20 15.5	1.571	2.507	8.8	18.9
1 26	6 5.40	+20 49.3	1.647	2.519	12.9	19.1
2 5	6 0.78	+21 20.7	1.744	2.530	16.3	19.4

198841 2005 GL_{74} 12 28.9 357°.68 8°.6/30.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 51.77	+ 2 13.8	1.650	2.463	15.9	19.0
12 7	6 47.58	+ 1 31.1	1.583	2.459	13.1	18.8
12 17	6 41.23	+ 1 8.2	1.537	2.456	10.4	18.6
12 27	6 33.54	+ 1 8.9	1.516	2.454	8.8	18.5
1 6	6 25.59	+ 1 33.7	1.519	2.453	9.1	18.6
1 16	6 18.49	+ 2 20.7	1.548	2.453	11.3	18.7
1 26	6 13.26	+ 3 25.1	1.599	2.455	14.1	18.9
2 5	6 10.53	+ 4 40.7	1.672	2.457	16.9	19.1

354234 2002 NB_{50} 12 28.9 130°.97 2°.8/28.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 2.66	+31 23.6	2.146	2.975	12.2	21.4
12 7	6 55.05	+31 41.0	2.084	2.989	8.9	21.2
12 17	6 45.24	+31 52.4	2.047	3.002	5.5	21.0
12 27	6 34.18	+31 54.3	2.040	3.015	2.9	20.8
1 6	6 23.06	+31 45.5	2.063	3.027	4.4	21.0
1 16	6 13.04	+31 26.4	2.115	3.039	7.6	21.2
1 26	6 5.11	+30 59.9	2.195	3.050	10.8	21.4
2 5	5 59.82	+30 29.2	2.298	3.061	13.5	21.6

201379 2002 UY_{28} 12 28.9 1°.42 1°.5/28.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 55.93	+25 2.4	2.037	2.881	12.1	18.8
12 7	6 50.46	+25 50.5	1.964	2.880	8.8	18.6
12 17	6 42.83	+26 40.1	1.917	2.880	5.0	18.3
12 27	6 33.82	+27 27.3	1.899	2.880	1.6	18.1
1 6	6 24.49	+28 8.6	1.909	2.880	3.8	18.3
1 16	6 15.96	+28 42.1	1.949	2.881	7.6	18.5
1 26	6 9.26	+29 7.4	2.015	2.882	11.1	18.7
2 5	6 5.04	+29 25.7	2.104	2.884	14.1	18.9

420258 2011 JX_{16} 12 28.9 322°.98 7°.5/26.1 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 0.67	+39 4.7	1.899	2.728	13.5	20.6
12 7	6 54.80	+40 56.2	1.819	2.710	10.8	20.3
12 17	6 45.75	+42 41.2	1.763	2.693	8.5	20.2
12 27	6 34.35	+44 10.2	1.735	2.676	7.6	20.1
1 6	6 22.03	+45 15.6	1.734	2.660	8.8	20.1
1 16	6 10.48	+45 54.3	1.760	2.644	11.5	20.2
1 26	6 1.34	+46 8.2	1.809	2.629	14.4	20.4
2 5	5 55.72	+46 2.9	1.878	2.614	17.0	20.6

237873 2002 JC_{106} 12 28.9 127°.58 3°.8/28.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 3.80	+32 33.1	2.249	3.073	11.8	20.7
12 7	6 55.96	+33 37.2	2.191	3.091	8.8	20.6
12 17	6 45.82	+34 35.8	2.159	3.109	5.7	20.4
12 27	6 34.30	+35 23.4	2.157	3.125	3.8	20.3
1 6	6 22.57	+35 56.7	2.186	3.141	5.1	20.4
1 16	6 11.84	+36 14.7	2.245	3.157	8.0	20.6
1 26	6 3.15	+36 19.5	2.331	3.171	10.8	20.8
2 5	5 57.14	+36 14.6	2.440	3.185	13.3	21.0

80429 1999 XV_{225} 12 28.9 54°.20 0°.2/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 1.83	+21 50.9	1.203	2.063	17.7	18.3
12 7	6 55.40	+22 23.3	1.159	2.082	12.7	18.1
12 17	6 45.75	+23 0.3	1.137	2.102	7.1	17.8
12 27	6 34.28	+23 37.0	1.140	2.123	1.2	17.5
1 6	6 22.78	+24 9.1	1.169	2.143	4.8	17.8
1 16	6 12.99	+24 34.8	1.224	2.164	10.2	18.2
1 26	6 6.25	+24 54.2	1.302	2.185	14.8	18.5
2 5	6 3.16	+25 8.6	1.400	2.207	18.6	18.8

344148 2000 QD_{43} 12 28.9 54°.27 2°.1/29.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 2.68	+18 14.7	1.281	2.132	17.4	20.6
12 7	6 55.49	+18 11.0	1.248	2.166	12.5	20.4
12 17	6 45.54	+18 14.4	1.238	2.199	7.2	20.2
12 27	6 34.22	+18 23.4	1.253	2.233	2.4	20.0
1 6	6 23.16	+18 36.0	1.295	2.267	4.8	20.2
1 16	6 13.84	+18 50.8	1.363	2.301	9.6	20.6
1 26	6 7.35	+19 7.0	1.456	2.335	13.8	20.9
2 5	6 4.14	+19 24.0	1.569	2.369	17.2	21.3

418624 2008 TZ_{31} 12 28.9 217°.25 6°.6/27.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	7 1.68	+42 59.7	2.485	3.289	11.5	21.2
12 7	6 54.71	+44 4.7	2.414	3.286	9.3	21.0
12 17	6 45.27	+44 58.7	2.368	3.283	7.4	20.9
12 27	6 34.23	+45 35.7	2.349	3.280	6.6	20.8
1 6	6 22.81	+45 52.5	2.359	3.277	7.3	20.9
1 16	6 12.30	+45 48.6	2.397	3.273	9.2	21.0
1 26	6 3.83	+45 27.1	2.460	3.270	11.3	21.1
2 5	5 58.16	+44 52.8	2.545	3.266	13.4	21.3

152001 2004 JH_{18} 12 28.9 332°.89 4°.7/29.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 58.71	+13 43.0	1.420	2.263	16.4	19.7
12 7	6 52.94	+13 5.3	1.351	2.261	12.4	19.5
12 17	6 44.39	+12 37.5	1.304	2.258	8.1	19.2
12 27	6 34.10	+12 21.7	1.283	2.256	4.9	19.0
1 6	6 23.49	+12 18.3	1.289	2.254	6.3	19.1
1 16	6 14.04	+12 26.8	1.320	2.252	10.5	19.3
1 26	6 7.01	+12 45.6	1.376	2.250	14.8	19.6
2 5	6 3.15	+13 11.8	1.451	2.249	18.5	19.8

489225 2006 KG_{74} 12 28.9 236°.24 0°.1/28.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 55.93	+22 1.6	2.847	3.675	9.5	22.2
12 7	6 49.99	+22 33.5	2.754	3.662	6.9	22.0
12 17	6 42.41	+23 7.9	2.687	3.648	3.9	21.8
12 27	6 33.77	+23 42.7	2.651	3.634	0.6	21.5
1 6	6 24.81	+24 15.9	2.647	3.619	2.7	21.7
1 16	6 16.33	+24 46.0	2.674	3.605	5.9	21.9
1 26	6 9.09	+25 12.5	2.730	3.589	8.8	22.1
2 5	6 3.66	+25 35.4	2.811	3.573	11.3	22.2

363554 2003 WT_{66} 12 28.9 89°.65 3°.0/29.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 56.28	+15 9.1	2.316	3.142	11.5	20.4
12 7	6 50.17	+14 33.3	2.253	3.155	8.5	20.2
12 17	6 42.42	+14 2.8	2.216	3.168	5.4	20.1
12 27	6 33.75	+13 38.5	2.208	3.181	3.1	19.9
1 6	6 25.04	+13 20.9	2.230	3.194	4.2	20.0
1 16	6 17.13	+13 10.2	2.281	3.206	7.1	20.2
1 26	6 10.78	+13 6.0	2.360	3.219	10.0	20.5
2 5	6 6.46	+13 7.4	2.463	3.232	12.6	20.6

376075 2010 UY_{35} 12 28.9 271°.44 3°.7/29.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 0.15	+15 6.0	1.366	2.212	16.8	21.1
12 7	6 54.27	+14 50.8	1.288	2.201	12.6	20.8
12 17	6 45.31	+14 45.7	1.233	2.190	7.9	20.5
12 27	6 34.28	+14 51.3	1.202	2.179	4.0	20.3
1 6	6 22.69	+15 6.7	1.198	2.168	5.8	20.3
1 16	6 12.20	+15 30.2	1.221	2.156	10.7	20.6
1 26	6 4.27	+15 59.9	1.267	2.145	15.5	20.8
2 5	5 59.79	+16 33.7	1.332	2.134	19.6	21.1

96633 1999 GZ_{1} 12 28.9 357°.86 5°.7/27.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 0.88	+30 50.8	1.075	1.944	18.6	18.3
12 7	6 55.77	+32 9.7	1.017	1.941	13.9	18.0
12 17	6 46.53	+33 25.5	0.979	1.939	9.0	17.7
12 27	6 34.50	+34 27.4	0.964	1.938	5.7	17.5
1 6	6 21.85	+35 6.9	0.974	1.938	8.1	17.6
1 16	6 10.92	+35 21.7	1.007	1.939	13.0	17.9
1 26	6 3.67	+35 15.9	1.060	1.940	17.7	18.2
2 5	6 1.00	+34 56.1	1.131	1.943	21.8	18.5

282216 2001 XU_{103} 12 28.9 87°.02 0°.3/29.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 10.32	+13 6.8	1.077	1.919	20.6	19.8
12 7	7 2.26	+15 43.6	1.022	1.935	15.1	19.5
12 17	6 50.07	+18 46.8	0.990	1.952	8.5	19.2
12 27	6 35.09	+22 1.8	0.986	1.968	1.5	18.8
1 6	6 19.44	+25 9.5	1.011	1.984	5.6	19.2
1 16	6 5.49	+27 54.7	1.065	2.000	12.0	19.6
1 26	5 55.18	+30 10.8	1.144	2.016	17.3	19.9
2 5	5 49.50	+31 59.1	1.242	2.031	21.5	20.3

73569 4659 *P–L* 12 28.9 45°.77 4°.9/29.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 54.77	+ 9 23.2	1.955	2.777	13.4	19.2
12 7	6 49.37	+ 9 0.7	1.894	2.788	10.4	19.0
12 17	6 42.08	+ 8 50.1	1.858	2.799	7.2	18.8
12 27	6 33.71	+ 8 52.5	1.848	2.811	5.1	18.7
1 6	6 25.23	+ 9 7.6	1.867	2.823	5.8	18.8
1 16	6 17.62	+ 9 33.9	1.913	2.835	8.5	19.0
1 26	6 11.72	+10 8.8	1.986	2.847	11.5	19.2
2 5	6 8.06	+10 49.3	2.080	2.859	14.2	19.4

56791 2000 OH_{56} 12 28.9 194°.97 1°.7/29.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 57.17	+16 20.3	2.262	3.089	11.7	19.8
12 7	6 51.08	+16 42.2	2.182	3.088	8.6	19.6
12 17	6 43.08	+17 10.9	2.129	3.086	5.1	19.4
12 27	6 33.89	+17 45.0	2.104	3.084	1.9	19.2
1 6	6 24.42	+18 22.4	2.110	3.081	3.5	19.3
1 16	6 15.64	+19 1.1	2.146	3.078	7.0	19.5
1 26	6 8.42	+19 39.6	2.210	3.075	10.4	19.7
2 5	6 3.38	+20 16.8	2.297	3.071	13.2	19.9

435452 2008 EB_{103} 12 28.9 147°.80 1°.8/29.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	7 2.10	+16 57.7	1.844	2.674	13.8	21.9
12 7	6 54.84	+17 16.8	1.778	2.685	10.1	21.6
12 17	6 45.25	+17 43.1	1.737	2.695	5.9	21.4
12 27	6 34.24	+18 14.5	1.724	2.704	2.1	21.2
1 6	6 23.03	+18 48.6	1.741	2.713	4.0	21.3
1 16	6 12.84	+19 23.0	1.788	2.721	8.1	21.6
1 26	6 4.73	+19 56.6	1.862	2.728	11.9	21.9
2 5	5 59.35	+20 28.7	1.959	2.734	15.1	22.1

449785 2014 OK_{161} 12 28.9 65°.60 2°.0/28.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 58.94	+26 46.0	1.874	2.717	13.0	21.6
12 7	6 52.78	+27 26.5	1.804	2.719	9.5	21.4
12 17	6 44.19	+28 6.6	1.760	2.721	5.5	21.1
12 27	6 34.08	+28 41.8	1.743	2.723	2.1	20.9
1 6	6 23.67	+29 8.9	1.756	2.725	4.3	21.1
1 16	6 14.23	+29 26.5	1.797	2.728	8.2	21.3
1 26	6 6.89	+29 35.4	1.864	2.730	11.9	21.6
2 5	6 2.34	+29 37.8	1.953	2.732	15.0	21.8

482716 2013 DR_{10} 12 28.9 302°.71 10°.8/30.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 17.67	+52 22.2	1.723	2.499	16.9	20.3
12 7	7 7.33	+52 33.1	1.640	2.484	14.5	20.1
12 17	6 52.64	+52 16.3	1.578	2.468	12.3	19.9
12 27	6 35.45	+51 21.4	1.541	2.452	10.9	19.8
1 6	6 18.33	+49 45.1	1.529	2.437	11.2	19.8
1 16	6 3.76	+47 33.0	1.545	2.422	13.2	19.8
1 26	5 53.39	+44 57.3	1.585	2.407	15.9	20.0
2 5	5 47.78	+42 12.5	1.648	2.393	18.7	20.1

445995 2013 CZ_{14} 12 28.9 191°.07 2°.0/29.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 57.82	+15 55.8	2.234	3.060	11.9	21.5
12 7	6 51.55	+16 8.5	2.154	3.058	8.7	21.3
12 17	6 43.35	+16 28.0	2.101	3.057	5.3	21.1
12 27	6 33.95	+16 53.2	2.076	3.055	2.2	20.9
1 6	6 24.29	+17 22.4	2.082	3.052	3.7	21.0
1 16	6 15.33	+17 54.0	2.118	3.049	7.2	21.2
1 26	6 7.98	+18 26.5	2.182	3.045	10.5	21.4
2 5	6 2.84	+18 58.9	2.269	3.041	13.4	21.6

114241 2002 WJ_{4} 12 28.9 49°.36 0°.5/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 55.43	+21 42.6	2.240	3.079	11.4	20.2
12 7	6 49.77	+21 41.8	2.172	3.085	8.2	20.0
12 17	6 42.30	+21 42.8	2.129	3.091	4.6	19.8
12 27	6 33.77	+21 44.3	2.115	3.097	0.9	19.5
1 6	6 25.11	+21 45.5	2.131	3.104	3.1	19.7
1 16	6 17.25	+21 46.0	2.176	3.111	6.8	20.0
1 26	6 11.01	+21 46.1	2.248	3.117	10.0	20.2
2 5	6 6.93	+21 46.2	2.344	3.124	12.8	20.4

81612 2000 HM_{67} 12 28.9 86°.02 1°.1/28.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 59.38	+25 20.2	1.853	2.696	13.2	19.5
12 7	6 52.96	+25 41.4	1.791	2.706	9.5	19.3
12 17	6 44.21	+26 2.1	1.753	2.716	5.4	19.0
12 27	6 34.09	+26 19.2	1.744	2.726	1.4	18.8
1 6	6 23.81	+26 30.6	1.763	2.736	3.8	19.0
1 16	6 14.60	+26 35.7	1.812	2.745	8.0	19.2
1 26	6 7.50	+26 35.6	1.886	2.755	11.6	19.5
2 5	6 3.13	+26 31.9	1.983	2.765	14.7	19.7

495699 2016 CH_{13} 12 28.9 340°.79 5°.6/30.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 53.68	+ 6 42.9	1.950	2.766	13.7	20.7
12 7	6 48.76	+ 6 35.5	1.873	2.760	10.8	20.5
12 17	6 41.86	+ 6 43.1	1.820	2.755	7.8	20.4
12 27	6 33.72	+ 7 6.9	1.793	2.750	5.8	20.2
1 6	6 25.29	+ 7 46.0	1.793	2.746	6.3	20.2
1 16	6 17.58	+ 8 38.0	1.822	2.741	8.9	20.4
1 26	6 11.51	+ 9 39.3	1.876	2.738	12.0	20.6
2 5	6 7.72	+10 45.9	1.952	2.735	14.9	20.8

367229 2007 GF_{20} 12 28.9 235°.92 1°.9/28.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 57.80	+28 15.2	2.216	3.053	11.5	21.2
12 7	6 51.68	+28 36.6	2.139	3.050	8.4	21.0
12 17	6 43.48	+28 55.4	2.088	3.047	4.9	20.7
12 27	6 33.98	+29 8.8	2.065	3.044	2.0	20.5
1 6	6 24.24	+29 14.7	2.072	3.041	3.8	20.7
1 16	6 15.31	+29 12.9	2.109	3.038	7.3	20.9
1 26	6 8.17	+29 4.6	2.172	3.035	10.6	21.1
2 5	6 3.43	+28 51.8	2.258	3.031	13.4	21.3

478490 2012 RT_{22} 12 28.9 46°.47 1°.2/29.1 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 0.80	+20 8.4	1.208	2.068	17.6	21.0
12 7	6 54.50	+20 10.7	1.168	2.091	12.7	20.8
12 17	6 45.19	+20 18.5	1.150	2.114	7.2	20.6
12 27	6 34.25	+20 29.6	1.156	2.139	1.7	20.3
1 6	6 23.41	+20 41.8	1.189	2.163	4.7	20.6
1 16	6 14.28	+20 54.0	1.247	2.188	9.9	20.9
1 26	6 8.07	+21 5.8	1.329	2.214	14.5	21.3
2 5	6 5.31	+21 17.4	1.430	2.240	18.1	21.6

457482 2008 UN_{292} 12 28.9 58°.04 2°.7/29.2 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 55.62	+15 40.5	2.107	2.939	12.2	21.1
12 7	6 49.86	+15 20.0	2.048	2.954	9.0	20.9
12 17	6 42.32	+15 5.7	2.014	2.969	5.6	20.7
12 27	6 33.78	+14 57.7	2.009	2.985	2.9	20.6
1 6	6 25.20	+14 55.8	2.033	3.000	4.1	20.7
1 16	6 17.48	+14 59.5	2.086	3.016	7.3	20.9
1 26	6 11.44	+15 8.1	2.166	3.032	10.5	21.2
2 5	6 7.57	+15 20.4	2.268	3.048	13.2	21.4

333258 2012 JK_{9} 12 28.9 202°.95 0°.4/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 56.46	+23 45.6	2.377	3.212	10.9	21.1
12 7	6 50.55	+24 2.6	2.299	3.211	7.9	20.9
12 17	6 42.79	+24 20.5	2.247	3.209	4.4	20.7
12 27	6 33.89	+24 37.0	2.224	3.207	0.8	20.4
1 6	6 24.76	+24 50.6	2.232	3.205	3.1	20.6
1 16	6 16.34	+25 0.5	2.270	3.203	6.6	20.8
1 26	6 9.49	+25 7.0	2.335	3.200	9.9	21.0
2 5	6 4.79	+25 10.8	2.424	3.198	12.6	21.2

514255 2015 PK_{144} 12 28.9 215°.69 1°.2/28.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 1.60	+24 54.8	1.916	2.753	13.1	21.9
12 7	6 54.75	+25 25.6	1.834	2.746	9.5	21.6
12 17	6 45.37	+25 57.3	1.777	2.739	5.4	21.4
12 27	6 34.33	+26 26.2	1.749	2.731	1.4	21.1
1 6	6 22.88	+26 49.0	1.751	2.722	4.0	21.3
1 16	6 12.30	+27 4.6	1.782	2.713	8.2	21.5
1 26	6 3.80	+27 13.3	1.839	2.703	12.1	21.7
2 5	5 58.13	+27 17.1	1.919	2.693	15.4	21.9

365371 2009 TU_{36} 12 28.9 82°.50 0°.7/29.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 57.61	+18 53.8	2.123	2.957	12.1	20.3
12 7	6 51.39	+19 29.4	2.064	2.975	8.7	20.1
12 17	6 43.23	+20 10.0	2.031	2.992	4.9	19.9
12 27	6 33.96	+20 53.2	2.027	3.009	1.1	19.7
1 6	6 24.55	+21 36.1	2.053	3.026	3.2	19.9
1 16	6 16.01	+22 16.6	2.109	3.043	7.0	20.2
1 26	6 9.21	+22 53.6	2.193	3.060	10.3	20.4
2 5	6 4.70	+23 26.8	2.300	3.077	13.1	20.6

58195 1992 DH_{7} 12 28.9 85°.19 3°.0/29.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 0.14	+14 42.2	1.524	2.363	15.7	18.9
12 7	6 53.72	+14 51.3	1.467	2.377	11.6	18.7
12 17	6 44.72	+15 11.1	1.434	2.391	7.1	18.5
12 27	6 34.21	+15 40.3	1.427	2.404	3.3	18.3
1 6	6 23.55	+16 16.3	1.448	2.418	4.9	18.4
1 16	6 14.11	+16 56.3	1.496	2.431	9.2	18.7
1 26	6 7.03	+17 38.0	1.570	2.444	13.3	19.0
2 5	6 2.94	+18 19.3	1.665	2.457	16.7	19.2

64710 2001 XN_{96} 12 28.9 25°.61 0°.8/28.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 58.49	+23 35.0	1.145	2.013	17.8	18.6
12 7	6 53.28	+24 0.7	1.095	2.023	12.8	18.4
12 17	6 44.75	+24 29.1	1.067	2.033	7.2	18.1
12 27	6 34.23	+24 55.7	1.062	2.045	1.4	17.8
1 6	6 23.54	+25 16.7	1.083	2.058	5.0	18.1
1 16	6 14.49	+25 30.8	1.129	2.072	10.5	18.4
1 26	6 8.51	+25 38.6	1.197	2.087	15.3	18.7
2 5	6 6.25	+25 42.2	1.284	2.102	19.3	19.0

107965 2001 FT_{124} 12 28.9 143°.82 1°.7/29.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 2.03	+17 48.4	1.861	2.691	13.7	20.4
12 7	6 54.77	+17 55.8	1.796	2.703	10.0	20.2
12 17	6 45.22	+18 8.9	1.756	2.715	5.8	20.0
12 27	6 34.30	+18 26.2	1.745	2.725	2.0	19.7
1 6	6 23.24	+18 45.9	1.763	2.735	4.0	19.9
1 16	6 13.21	+19 6.7	1.811	2.744	8.1	20.1
1 26	6 5.26	+19 27.7	1.886	2.752	11.8	20.4
2 5	6 0.01	+19 48.6	1.984	2.759	14.9	20.6

72643 2001 FJ_{40} 12 28.9 181°.45 4°.8/28.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 0.36	+37 41.7	2.410	3.230	11.3	18.6
12 7	6 53.56	+38 18.8	2.338	3.230	8.7	18.4
12 17	6 44.55	+38 47.1	2.292	3.231	6.2	18.2
12 27	6 34.20	+39 2.3	2.273	3.231	4.8	18.1
1 6	6 23.63	+39 2.0	2.285	3.230	5.7	18.2
1 16	6 13.98	+38 46.4	2.325	3.230	8.1	18.3
1 26	6 6.25	+38 18.3	2.391	3.229	10.7	18.5
2 5	6 1.07	+37 41.8	2.480	3.229	13.0	18.7

225075 2007 HT_{95} 12 28.9 221°.22 0°.4/28.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 56.71	+23 40.0	2.232	3.070	11.4	20.8
12 7	6 50.84	+23 58.0	2.156	3.069	8.3	20.6
12 17	6 43.00	+24 16.9	2.105	3.067	4.6	20.4
12 27	6 33.95	+24 34.7	2.083	3.065	0.9	20.1
1 6	6 24.66	+24 49.4	2.091	3.064	3.2	20.3
1 16	6 16.13	+25 0.3	2.128	3.062	7.0	20.5
1 26	6 9.27	+25 7.5	2.193	3.060	10.3	20.7
2 5	6 4.67	+25 11.9	2.281	3.058	13.2	20.9

108081 2001 FM_{171} 12 28.9 113°.69 14°.0/ 3.7 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 57.60	−21 0.1	2.183	2.827	17.3	19.3
12 7	6 51.29	−21 57.1	2.136	2.842	16.0	19.2
12 17	6 43.15	−22 23.7	2.107	2.857	14.9	19.1
12 27	6 33.96	−22 15.2	2.097	2.872	14.2	19.1
1 6	6 24.70	−21 30.9	2.108	2.886	14.0	19.1
1 16	6 16.32	−20 13.2	2.140	2.899	14.4	19.2
1 26	6 9.64	−18 28.3	2.194	2.912	15.3	19.3
2 5	6 5.18	−16 24.3	2.266	2.925	16.4	19.4

155042 2005 RQ_{5} 12 28.9 64°.74 0°.3/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 1.89	+23 49.9	1.377	2.230	16.2	19.9
12 7	6 55.26	+23 53.3	1.324	2.244	11.7	19.7
12 17	6 45.68	+23 57.2	1.293	2.257	6.6	19.4
12 27	6 34.39	+23 58.9	1.288	2.271	1.1	19.1
1 6	6 23.03	+23 56.8	1.310	2.284	4.4	19.4
1 16	6 13.19	+23 50.8	1.359	2.298	9.5	19.7
1 26	6 6.12	+23 42.5	1.433	2.312	14.0	20.0
2 5	6 2.45	+23 33.9	1.526	2.326	17.6	20.3

521892 2015 TH_{383} 12 28.9 48°.31 0°.2/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 58.07	+21 50.6	1.806	2.650	13.4	21.3
12 7	6 52.16	+22 23.3	1.738	2.654	9.7	21.1
12 17	6 43.87	+22 59.9	1.694	2.657	5.5	20.8
12 27	6 34.11	+23 37.0	1.678	2.661	0.9	20.5
1 6	6 24.07	+24 11.6	1.691	2.665	3.7	20.7
1 16	6 14.99	+24 41.5	1.733	2.669	8.1	21.0
1 26	6 7.95	+25 6.4	1.800	2.672	11.9	21.2
2 5	6 3.64	+25 26.7	1.890	2.677	15.2	21.5

337445 2001 RV_{54} 12 28.9 117°.60 0°.5/29.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 2.57	+21 20.1	1.762	2.599	14.0	21.6
12 7	6 55.21	+21 26.7	1.704	2.616	10.1	21.4
12 17	6 45.47	+21 35.8	1.671	2.633	5.7	21.2
12 27	6 34.36	+21 45.3	1.666	2.649	1.1	20.9
1 6	6 23.18	+21 53.5	1.691	2.664	3.8	21.1
1 16	6 13.21	+21 59.9	1.745	2.679	8.2	21.4
1 26	6 5.49	+22 4.8	1.825	2.693	12.0	21.7
2 5	6 0.60	+22 9.2	1.927	2.707	15.2	21.9

457938 2009 UL_{154} 12 28.9 29°.28 4°.9/28.1 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 59.64	+35 43.1	2.077	2.908	12.4	20.9
12 7	6 53.31	+36 33.9	2.009	2.910	9.5	20.8
12 17	6 44.53	+37 17.0	1.967	2.912	6.6	20.6
12 27	6 34.22	+37 47.1	1.952	2.914	4.9	20.5
1 6	6 23.63	+38 1.0	1.966	2.917	6.0	20.6
1 16	6 14.05	+37 58.5	2.008	2.919	8.8	20.7
1 26	6 6.59	+37 42.0	2.076	2.922	11.7	20.9
2 5	6 1.93	+37 15.9	2.165	2.925	14.3	21.1

76456 2000 FL_{38} 12 28.9 290°.89 7°.9/26.9 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 2.78	+45 18.1	2.252	3.054	12.6	19.3
12 7	6 55.99	+46 30.7	2.173	3.039	10.5	19.2
12 17	6 46.27	+47 30.6	2.118	3.024	8.7	19.0
12 27	6 34.56	+48 10.5	2.089	3.009	7.9	19.0
1 6	6 22.25	+48 26.1	2.087	2.995	8.7	19.0
1 16	6 10.92	+48 16.6	2.112	2.980	10.6	19.1
1 26	6 1.96	+47 45.7	2.161	2.965	12.9	19.2
2 5	5 56.25	+46 59.5	2.230	2.951	15.1	19.3

271619 2004 PX_{50} 12 28.9 137°.79 0°.5/29.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 1.86	+20 38.1	2.141	2.969	12.2	21.8
12 7	6 54.42	+20 54.8	2.078	2.985	8.8	21.7
12 17	6 44.95	+21 14.2	2.041	3.001	5.0	21.5
12 27	6 34.30	+21 34.4	2.033	3.016	1.0	21.2
1 6	6 23.55	+21 53.3	2.057	3.029	3.3	21.4
1 16	6 13.74	+22 10.1	2.111	3.042	7.1	21.7
1 26	6 5.80	+22 24.5	2.193	3.054	10.6	21.9
2 5	6 0.29	+22 37.2	2.298	3.065	13.4	22.1

195989 2002 RX_{219} 12 28.9 112°.79 0°.5/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 56.80	+24 19.2	2.551	3.383	10.4	21.0
12 7	6 50.60	+24 32.1	2.487	3.397	7.4	20.9
12 17	6 42.74	+24 44.8	2.449	3.410	4.2	20.7
12 27	6 33.94	+24 55.6	2.441	3.424	0.8	20.4
1 6	6 25.04	+25 3.3	2.464	3.436	2.9	20.6
1 16	6 16.91	+25 7.4	2.517	3.449	6.1	20.9
1 26	6 10.28	+25 8.4	2.599	3.461	9.1	21.1
2 5	6 5.65	+25 7.2	2.704	3.473	11.5	21.3

199774 2006 KK_{30} 12 28.9 264°.82 0°.5/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 56.21	+24 9.6	2.379	3.216	10.9	20.9
12 7	6 50.46	+24 22.4	2.293	3.205	7.9	20.7
12 17	6 42.82	+24 35.6	2.232	3.194	4.5	20.5
12 27	6 33.97	+24 47.3	2.200	3.183	0.9	20.2
1 6	6 24.83	+24 56.0	2.199	3.172	3.1	20.3
1 16	6 16.36	+25 1.1	2.228	3.161	6.7	20.5
1 26	6 9.42	+25 2.8	2.284	3.149	10.0	20.7
2 5	6 4.64	+25 2.2	2.363	3.138	12.9	20.9

298638 2004 BA_{54} 12 28.9 39°.06 3°.1/29.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 57.88	+12 36.4	1.486	2.326	16.0	19.9
12 7	6 52.23	+13 18.6	1.428	2.338	11.9	19.6
12 17	6 43.99	+14 15.8	1.394	2.350	7.4	19.4
12 27	6 34.17	+15 25.3	1.385	2.363	3.4	19.2
1 6	6 24.12	+16 42.1	1.405	2.376	4.8	19.3
1 16	6 15.20	+18 1.0	1.452	2.389	9.2	19.6
1 26	6 8.59	+19 17.4	1.524	2.403	13.3	19.9
2 5	6 4.97	+20 28.5	1.618	2.418	16.8	20.2

244364 2002 NF_{41} 12 28.9 165°.75 0°.7/28.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 59.94	+23 36.8	2.032	2.869	12.4	20.9
12 7	6 53.32	+24 6.7	1.960	2.872	9.0	20.7
12 17	6 44.48	+24 38.0	1.913	2.875	5.1	20.4
12 27	6 34.25	+25 7.8	1.895	2.878	1.0	20.1
1 6	6 23.76	+25 33.4	1.907	2.880	3.6	20.3
1 16	6 14.15	+25 53.3	1.949	2.882	7.6	20.6
1 26	6 6.46	+26 7.8	2.018	2.883	11.2	20.8
2 5	6 1.33	+26 18.0	2.110	2.884	14.2	21.0

401556 2013 FO_{2} 12 28.9 151°.96 3°.6/28.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 0.99	+31 15.0	2.056	2.891	12.4	20.8
12 7	6 54.26	+32 14.3	1.988	2.894	9.2	20.6
12 17	6 45.08	+33 9.8	1.944	2.898	5.9	20.4
12 27	6 34.36	+33 56.1	1.930	2.901	3.7	20.3
1 6	6 23.30	+34 29.3	1.945	2.904	5.2	20.4
1 16	6 13.17	+34 48.1	1.989	2.907	8.4	20.6
1 26	6 5.11	+34 54.1	2.059	2.910	11.6	20.8
2 5	5 59.82	+34 50.3	2.151	2.912	14.4	21.0

52128 4693 P–L 12 28.9 180°.53 1°.2/28.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 3.29	+25 52.2	1.832	2.669	13.6	19.8
12 7	6 55.95	+26 7.6	1.759	2.670	9.9	19.6
12 17	6 46.03	+26 21.7	1.710	2.671	5.6	19.4
12 27	6 34.52	+26 31.3	1.690	2.672	1.5	19.1
1 6	6 22.73	+26 34.1	1.699	2.671	4.0	19.3
1 16	6 12.02	+26 30.0	1.738	2.670	8.4	19.5
1 26	6 3.56	+26 20.6	1.803	2.668	12.3	19.7
2 5	5 58.06	+26 8.3	1.890	2.666	15.6	20.0

201025 2002 CB_{282} 12 28.9 144°.85 1°.8/28.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 2.58	+27 57.2	1.923	2.758	13.1	20.7
12 7	6 55.25	+28 7.1	1.856	2.767	9.5	20.5
12 17	6 45.54	+28 13.4	1.814	2.775	5.5	20.3
12 27	6 34.42	+28 13.2	1.801	2.782	1.9	20.0
1 6	6 23.17	+28 4.9	1.818	2.789	4.0	20.2
1 16	6 13.05	+27 49.0	1.864	2.795	8.0	20.4
1 26	6 5.12	+27 27.8	1.937	2.801	11.6	20.7
2 5	6 0.00	+27 4.2	2.033	2.806	14.7	20.9

110473 2001 TY_{55} 12 28.9 0°.15 0°.0/28.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 57.77	+22 5.1	1.829	2.673	13.3	19.6
12 7	6 51.95	+22 25.1	1.757	2.673	9.6	19.4
12 17	6 43.78	+22 48.0	1.709	2.673	5.4	19.1
12 27	6 34.15	+23 11.3	1.690	2.672	0.9	18.8
1 6	6 24.23	+23 32.7	1.699	2.673	3.7	19.0
1 16	6 15.25	+23 50.8	1.736	2.673	8.0	19.3
1 26	6 8.28	+24 5.3	1.800	2.673	11.9	19.5
2 5	6 4.00	+24 17.0	1.886	2.674	15.2	19.8

515842 2015 OO_{10} 12 28.9 257°.28 1°.2/28.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 1.49	+25 12.4	1.663	2.507	14.4	21.8
12 7	6 55.07	+25 34.6	1.578	2.494	10.5	21.5
12 17	6 45.77	+25 57.4	1.517	2.480	6.0	21.3
12 27	6 34.52	+26 16.9	1.484	2.466	1.5	20.9
1 6	6 22.71	+26 30.0	1.479	2.452	4.4	21.1
1 16	6 11.88	+26 35.6	1.502	2.437	9.2	21.3
1 26	6 3.40	+26 34.8	1.551	2.422	13.6	21.6
2 5	5 58.13	+26 29.9	1.620	2.407	17.3	21.8

305034 2007 TC_{421} 12 28.9 22°.34 12°.8/ 1.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 55.49	− 9 0.7	1.611	2.367	18.7	19.9
12 7	6 50.33	− 9 46.3	1.553	2.371	16.4	19.7
12 17	6 42.87	−10 1.4	1.512	2.375	14.4	19.6
12 27	6 34.01	− 9 40.7	1.494	2.379	13.0	19.5
1 6	6 24.92	− 8 43.7	1.498	2.384	13.0	19.5
1 16	6 16.80	− 7 14.0	1.525	2.389	14.2	19.6
1 26	6 10.69	− 5 19.5	1.575	2.394	16.2	19.8
2 5	6 7.24	− 3 10.2	1.645	2.400	18.3	19.9

22614 1998 KA_{6} 12 28.9 113°.26 1°.6/29.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 56.60	+17 23.6	2.395	3.222	11.1	19.5
12 7	6 50.49	+17 28.7	2.331	3.237	8.1	19.4
12 17	6 42.71	+17 38.6	2.293	3.250	4.8	19.2
12 27	6 33.97	+17 52.4	2.284	3.264	1.8	19.0
1 6	6 25.13	+18 8.8	2.306	3.277	3.2	19.1
1 16	6 17.04	+18 26.8	2.359	3.290	6.5	19.3
1 26	6 10.48	+18 45.7	2.439	3.303	9.5	19.6
2 5	6 5.93	+19 5.0	2.542	3.315	12.1	19.8

172745 2004 CQ_{81} 12 28.9 195°.97 0°.8/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 59.14	+24 44.0	1.887	2.729	13.0	20.7
12 7	6 52.90	+24 58.0	1.814	2.728	9.4	20.5
12 17	6 44.30	+25 12.0	1.765	2.728	5.3	20.3
12 27	6 34.25	+25 23.4	1.745	2.727	1.2	20.0
1 6	6 23.94	+25 30.1	1.754	2.727	3.7	20.1
1 16	6 14.59	+25 31.8	1.792	2.726	8.0	20.4
1 26	6 7.28	+25 29.3	1.855	2.725	11.8	20.6
2 5	6 2.68	+25 24.2	1.941	2.724	15.0	20.8

270718 2002 QV_{111} 12 28.9 299°.87 5°.8/28.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 2.70	+41 2.4	2.156	2.972	12.6	20.6
12 7	6 55.55	+41 17.2	2.075	2.961	10.0	20.4
12 17	6 45.81	+41 18.8	2.017	2.950	7.4	20.2
12 27	6 34.50	+41 2.4	1.987	2.939	5.9	20.1
1 6	6 22.97	+40 26.0	1.986	2.928	6.7	20.1
1 16	6 12.60	+39 31.4	2.012	2.917	9.1	20.3
1 26	6 4.55	+38 23.2	2.065	2.907	12.0	20.4
2 5	5 59.47	+37 7.6	2.140	2.897	14.6	20.6

504372 2007 VK_{71} 12 28.9 38°.37 18°.0/26.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 3.94	− 1 21.9	0.945	1.767	24.4	20.3
12 7	6 57.40	− 5 2.4	0.904	1.771	21.3	20.2
12 17	6 47.19	− 8 14.2	0.881	1.776	18.9	20.0
12 27	6 34.75	−10 38.6	0.879	1.781	18.0	20.0
1 6	6 22.09	−12 4.5	0.896	1.786	19.1	20.1
1 16	6 11.22	−12 30.8	0.932	1.792	21.3	20.3
1 26	6 3.73	−12 6.1	0.984	1.798	24.0	20.5
2 5	6 0.37	−11 4.5	1.049	1.804	26.6	20.7

144407 2004 EV_{8} 12 28.9 245°.18 4°.7/27.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 1.73	+33 53.1	2.114	2.944	12.3	20.3
12 7	6 55.02	+35 5.0	2.032	2.933	9.4	20.1
12 17	6 45.67	+36 12.6	1.975	2.922	6.4	19.9
12 27	6 34.52	+37 9.4	1.947	2.911	4.7	19.8
1 6	6 22.79	+37 50.4	1.949	2.899	6.0	19.8
1 16	6 11.84	+38 13.9	1.979	2.888	9.0	20.0
1 26	6 2.94	+38 21.2	2.035	2.876	12.2	20.2
2 5	5 56.93	+38 16.2	2.113	2.863	14.9	20.3

412857 2014 PK_{62} 12 28.9 89°.53 0°.4/29.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 58.61	+19 54.0	2.017	2.853	12.6	20.9
12 7	6 52.24	+20 28.8	1.957	2.869	9.1	20.8
12 17	6 43.81	+21 8.1	1.923	2.885	5.1	20.5
12 27	6 34.17	+21 49.2	1.918	2.901	1.0	20.3
1 6	6 24.38	+22 29.1	1.943	2.916	3.4	20.5
1 16	6 15.52	+23 5.8	1.997	2.932	7.3	20.8
1 26	6 8.51	+23 38.4	2.079	2.947	10.8	21.0
2 5	6 3.94	+24 6.9	2.184	2.962	13.7	21.2

90639 4151 T-$_{2}$ 12 28.9 170°.43 4°.0/28.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 4.54	+31 51.4	1.763	2.599	14.1	20.1
12 7	6 57.13	+32 38.0	1.694	2.602	10.5	19.9
12 17	6 46.82	+33 19.1	1.650	2.604	6.7	19.7
12 27	6 34.70	+33 48.6	1.634	2.606	4.0	19.5
1 6	6 22.23	+34 2.7	1.646	2.608	5.7	19.6
1 16	6 10.97	+34 0.9	1.687	2.609	9.4	19.8
1 26	6 2.24	+33 46.3	1.753	2.610	13.1	20.1
2 5	5 56.79	+33 23.5	1.841	2.610	16.2	20.3

65369 2002 PL_{44} 12 28.9 61°.26 5°.0/30.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 58.63	+ 9 27.3	1.611	2.437	15.6	18.6
12 7	6 52.38	+ 9 26.7	1.565	2.462	11.9	18.4
12 17	6 43.89	+ 9 41.2	1.541	2.487	8.0	18.3
12 27	6 34.18	+10 10.4	1.545	2.512	5.2	18.2
1 6	6 24.46	+10 52.2	1.576	2.537	6.0	18.3
1 16	6 15.93	+11 43.1	1.634	2.562	9.2	18.5
1 26	6 9.55	+12 39.3	1.718	2.586	12.6	18.8
2 5	6 5.85	+13 37.2	1.824	2.611	15.6	19.0

391532 2007 RK_{282} 12 28.9 55°.51 16°.9/26.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 25.85	+63 46.2	1.663	2.387	19.4	20.1
12 7	7 16.59	+66 6.7	1.631	2.396	18.1	20.0
12 17	6 59.66	+67 54.8	1.618	2.406	17.2	20.0
12 27	6 36.99	+68 55.0	1.624	2.416	16.9	20.0
1 6	6 13.06	+68 59.9	1.648	2.426	17.3	20.0
1 16	5 53.02	+68 13.5	1.691	2.436	18.2	20.1
1 26	5 40.24	+66 48.7	1.750	2.447	19.4	20.2
2 5	5 35.33	+65 1.1	1.824	2.457	20.5	20.4

69058 2002 YV_{14} 12 28.9 41°.31 1°.3/29.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 59.67	+17 51.9	1.306	2.160	16.9	19.3
12 7	6 53.91	+18 29.7	1.249	2.168	12.3	19.0
12 17	6 45.12	+19 17.8	1.213	2.176	7.1	18.7
12 27	6 34.43	+20 12.4	1.203	2.185	1.8	18.4
1 6	6 23.45	+21 8.5	1.220	2.194	4.6	18.6
1 16	6 13.81	+22 1.8	1.263	2.204	9.9	19.0
1 26	6 6.87	+22 50.2	1.331	2.214	14.5	19.3
2 5	6 3.39	+23 32.7	1.418	2.224	18.4	19.5

346438 2008 SX_{267} 12 28.9 234°.85 4°.1/29.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 58.95	+12 43.6	1.840	2.667	14.0	21.2
12 7	6 52.78	+12 22.9	1.757	2.658	10.6	20.9
12 17	6 44.29	+12 11.5	1.698	2.648	7.0	20.7
12 27	6 34.30	+12 10.3	1.667	2.638	4.2	20.5
1 6	6 23.94	+12 19.3	1.664	2.628	5.4	20.5
1 16	6 14.39	+12 37.4	1.690	2.617	9.0	20.7
1 26	6 6.74	+13 3.1	1.742	2.606	12.7	20.9
2 5	6 1.70	+13 34.1	1.815	2.594	16.0	21.1

517910 2015 TE_{123} 12 28.9 201°.83 1°.6/29.3 18

11 27	6 58.51	+17 20.3	2.277	3.103	11.6	22.3
12 7	6 52.12	+17 32.1	2.194	3.099	8.6	22.0
12 17	6 43.78	+17 49.6	2.137	3.094	5.1	21.8
12 27	6 34.21	+18 11.3	2.109	3.089	1.8	21.6
1 6	6 24.35	+18 35.8	2.112	3.083	3.4	21.7
1 16	6 15.18	+19 1.6	2.145	3.077	7.1	21.9
1 26	6 7.59	+19 27.7	2.207	3.070	10.4	22.1
2 5	6 2.21	+19 53.4	2.291	3.062	13.3	22.3

157124 2004 NJ_{13} 12 28.9 80°.98 2°.4/29.4 18

11 27	7 0.38	+15 53.5	1.526	2.367	15.6	19.9
12 7	6 53.96	+16 11.3	1.470	2.381	11.5	19.7
12 17	6 44.95	+16 39.0	1.437	2.396	6.8	19.5
12 27	6 34.40	+17 14.4	1.430	2.410	2.7	19.3
1 6	6 23.71	+17 54.4	1.452	2.424	4.6	19.4
1 16	6 14.23	+18 36.3	1.502	2.438	9.0	19.7
1 26	6 7.13	+19 17.7	1.577	2.453	13.1	20.0
2 5	6 3.04	+19 57.4	1.673	2.466	16.6	20.3

279290 2009 WX_{101} 12 28.9 162°.43 2°.2/28.7 18

11 27	6 58.25	+29 57.1	2.481	3.312	10.6	21.3
12 7	6 51.85	+30 16.4	2.408	3.315	7.8	21.2
12 17	6 43.57	+30 31.9	2.361	3.318	4.7	21.0
12 27	6 34.17	+30 41.0	2.344	3.321	2.3	20.8
1 6	6 24.60	+30 41.9	2.356	3.323	3.7	20.9
1 16	6 15.82	+30 34.7	2.399	3.325	6.8	21.1
1 26	6 8.69	+30 20.9	2.470	3.327	9.7	21.3
2 5	6 3.76	+30 2.6	2.564	3.328	12.2	21.5

296044 2009 AA_{16} 12 28.9 256°.62 5°.7/28.6 18

11 27	7 4.97	+38 11.3	1.862	2.687	13.9	20.2
12 7	6 57.57	+38 37.5	1.780	2.675	10.8	20.0
12 17	6 47.15	+38 52.0	1.722	2.663	7.7	19.8
12 27	6 34.80	+38 48.6	1.690	2.650	5.8	19.6
1 6	6 22.06	+38 24.4	1.687	2.638	6.8	19.7
1 16	6 10.56	+37 40.6	1.712	2.625	9.9	19.8
1 26	6 1.67	+36 42.3	1.762	2.612	13.3	20.0
2 5	5 56.16	+35 36.1	1.834	2.598	16.4	20.2

449346 2013 GT_{18} 12 28.9 65°.40 0°.7/29.1 18

11 27	6 58.85	+19 4.8	1.724	2.566	14.0	20.5
12 7	6 52.72	+19 43.3	1.665	2.579	10.2	20.3
12 17	6 44.22	+20 28.3	1.631	2.593	5.8	20.1
12 27	6 34.29	+21 16.5	1.624	2.606	1.2	19.8
1 6	6 24.17	+22 4.2	1.646	2.620	3.8	20.0
1 16	6 15.10	+22 48.6	1.697	2.634	8.2	20.3
1 26	6 8.16	+23 28.4	1.774	2.647	12.0	20.6
2 5	6 3.98	+24 3.2	1.873	2.661	15.2	20.8

376313 2011 GZ_{30} 12 28.9 131°.01 4°.0/29.5 18

11 27	6 54.17	+10 26.6	2.469	3.283	11.2	21.0
12 7	6 48.76	+10 1.7	2.395	3.286	8.6	20.9
12 17	6 41.78	+ 9 45.3	2.347	3.288	5.9	20.7
12 27	6 33.88	+ 9 38.5	2.327	3.290	4.1	20.6
1 6	6 25.83	+ 9 41.2	2.337	3.292	4.8	20.6
1 16	6 18.41	+ 9 53.0	2.376	3.294	7.2	20.8
1 26	6 12.35	+10 12.3	2.442	3.296	9.9	21.0
2 5	6 8.15	+10 37.3	2.532	3.298	12.3	21.1

322585 2012 BS_{5} 12 28.9 137°.85 1°.1/29.2 18

11 27	6 57.69	+18 32.9	2.093	2.927	12.2	20.8
12 7	6 51.60	+18 51.4	2.022	2.932	8.9	20.6
12 17	6 43.50	+19 15.1	1.977	2.937	5.1	20.3
12 27	6 34.17	+19 42.3	1.960	2.941	1.5	20.1
1 6	6 24.63	+20 10.9	1.973	2.946	3.4	20.3
1 16	6 15.89	+20 39.3	2.016	2.950	7.2	20.5
1 26	6 8.90	+21 6.6	2.086	2.954	10.7	20.7
2 5	6 4.23	+21 32.2	2.179	2.958	13.7	20.9

370885 2005 EH_{164} 12 28.9 22°.15 5°.7/30.3 17

11 27	6 53.79	+ 7 53.2	1.668	2.496	15.1	20.0
12 7	6 49.01	+ 7 45.4	1.612	2.507	11.7	19.8
12 17	6 42.09	+ 7 53.7	1.578	2.519	8.3	19.7
12 27	6 33.93	+ 8 18.8	1.569	2.532	5.9	19.6
1 6	6 25.64	+ 8 59.2	1.588	2.545	6.4	19.6
1 16	6 18.31	+ 9 51.7	1.633	2.559	9.3	19.8
1 26	6 12.90	+10 52.2	1.704	2.574	12.6	20.1
2 5	6 9.98	+11 56.3	1.796	2.590	15.6	20.3

331975 2005 CT_{39} 12 28.9 27°.50 5°.0/30.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 54.30	+ 7 28.3	2.044	2.859	13.2	20.2
12 7	6 49.12	+ 7 27.9	1.976	2.864	10.3	20.0
12 17	6 42.09	+ 7 41.5	1.931	2.868	7.3	19.8
12 27	6 33.94	+ 8 9.5	1.913	2.874	5.2	19.7
1 6	6 25.59	+ 8 50.5	1.924	2.879	5.7	19.8
1 16	6 18.00	+ 9 42.2	1.963	2.885	8.3	19.9
1 26	6 12.01	+10 41.1	2.029	2.891	11.3	20.1
2 5	6 8.18	+11 43.7	2.117	2.897	14.0	20.3

107904 2001 FJ_{97} 12 28.9 197°.80 2°.7/28.5 18

11 27	7 3.82	+28 18.2	1.798	2.635	13.8	20.8
12 7	6 56.60	+29 3.8	1.722	2.633	10.1	20.5
12 17	6 46.57	+29 47.6	1.671	2.630	6.1	20.3
12 27	6 34.72	+30 24.3	1.648	2.626	2.8	20.1
1 6	6 22.41	+30 49.8	1.655	2.622	4.9	20.2
1 16	6 11.15	+31 2.8	1.690	2.617	9.0	20.4
1 26	6 2.23	+31 4.8	1.751	2.611	12.9	20.7
2 5	5 56.45	+30 59.2	1.834	2.605	16.2	20.9

43442 2000 YX_{62} 12 28.9 273°.78 1°.4/29.2 18

11 27	6 58.73	+18 33.2	1.811	2.650	13.6	19.7
12 7	6 52.86	+18 44.7	1.719	2.631	10.0	19.4
12 17	6 44.48	+19 2.6	1.652	2.612	5.9	19.1
12 27	6 34.38	+19 25.2	1.612	2.593	1.8	18.8
1 6	6 23.72	+19 50.6	1.601	2.574	4.0	18.9
1 16	6 13.81	+20 16.9	1.618	2.554	8.6	19.2
1 26	6 5.84	+20 43.0	1.662	2.534	12.8	19.4
2 5	6 0.65	+21 8.3	1.727	2.514	16.4	19.6

30208 Guigarcia 12 28.9 173°.59 3°.4/29.3 18

11 27	7 0.40	+14 44.7	1.781	2.612	14.2	19.2
12 7	6 53.77	+14 23.4	1.710	2.614	10.6	19.0
12 17	6 44.80	+14 9.7	1.662	2.616	6.7	18.8
12 27	6 34.40	+14 4.2	1.643	2.617	3.6	18.6
1 6	6 23.77	+14 6.7	1.652	2.618	5.0	18.7
1 16	6 14.12	+14 16.3	1.689	2.619	8.8	18.9
1 26	6 6.51	+14 32.1	1.753	2.619	12.6	19.2
2 5	6 1.61	+14 52.4	1.838	2.618	15.8	19.4

132837 2002 RH_{26} 12 28.9 135°.57 0°.7/29.1 18

11 27	6 59.88	+21 20.7	2.048	2.882	12.5	20.3
12 7	6 53.13	+21 16.0	1.981	2.891	9.0	20.1
12 17	6 44.33	+21 13.1	1.939	2.901	5.1	19.9
12 27	6 34.32	+21 10.8	1.927	2.909	1.1	19.6
1 6	6 24.19	+21 8.2	1.945	2.918	3.4	19.8
1 16	6 15.01	+21 5.2	1.992	2.925	7.4	20.1
1 26	6 7.72	+21 2.2	2.066	2.933	10.9	20.3
2 5	6 2.87	+21 0.0	2.164	2.940	13.8	20.5

132534 2002 JS_{66} 12 28.9 143°.98 2°.2/29.2 18

11 27	6 59.53	+17 10.5	2.014	2.844	12.8	20.4
12 7	6 52.89	+16 57.8	1.946	2.853	9.4	20.2
12 17	6 44.20	+16 50.2	1.904	2.860	5.6	20.0
12 27	6 34.30	+16 47.4	1.889	2.868	2.4	19.8
1 6	6 24.26	+16 48.9	1.905	2.875	4.0	20.0
1 16	6 15.15	+16 54.0	1.950	2.881	7.7	20.2
1 26	6 7.87	+17 2.4	2.022	2.887	11.2	20.4
2 5	6 3.02	+17 13.4	2.117	2.893	14.1	20.6

485590 2011 UK_{242} 12 28.9 30°.96 2°.8/28.5 18

11 27	6 59.97	+28 37.2	1.710	2.556	14.0	21.4
12 7	6 53.82	+29 18.2	1.643	2.558	10.2	21.2
12 17	6 44.98	+29 56.8	1.600	2.560	6.1	20.9
12 27	6 34.45	+30 28.1	1.584	2.563	2.9	20.7
1 6	6 23.62	+30 48.6	1.597	2.565	4.9	20.9
1 16	6 13.89	+30 57.2	1.638	2.568	8.9	21.1
1 26	6 6.51	+30 55.6	1.703	2.571	12.8	21.4
2 5	6 2.19	+30 46.8	1.790	2.574	16.0	21.6

482523 2012 TK_{219} 12 28.9 102°.78 7°.4/27.6 16

11 27	7 9.27	+39 39.1	1.752	2.571	14.9	21.6
12 7	7 0.77	+41 10.7	1.706	2.593	11.7	21.4
12 17	6 48.96	+42 29.0	1.684	2.614	8.8	21.3
12 27	6 35.13	+43 25.0	1.690	2.635	7.4	21.3
1 6	6 21.07	+43 53.7	1.724	2.655	8.5	21.4
1 16	6 8.58	+43 55.7	1.784	2.674	11.0	21.6
1 26	5 59.12	+43 36.2	1.869	2.693	13.8	21.8
2 5	5 53.40	+43 2.9	1.975	2.712	16.3	22.0

295262 2008 GT_{59} 12 28.9 335°.21 4°.7/28.2 17

11 27	7 0.56	+33 47.8	1.824	2.663	13.5	20.8
12 7	6 54.32	+34 42.1	1.753	2.660	10.2	20.6
12 17	6 45.32	+35 30.1	1.707	2.658	6.9	20.4
12 27	6 34.54	+36 5.7	1.688	2.656	4.8	20.3
1 6	6 23.37	+36 24.8	1.697	2.654	6.2	20.3
1 16	6 13.27	+36 26.7	1.734	2.652	9.5	20.5
1 26	6 5.53	+36 14.1	1.796	2.650	12.9	20.7
2 5	6 0.91	+35 51.3	1.878	2.649	15.8	20.9

394157 2006 QR_{16} 12 28.9 187°.27 1°.4/29.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 58.74	+17 55.9	2.482	3.305	10.9	22.3
12 7	6 52.13	+18 4.0	2.400	3.304	8.0	22.1
12 17	6 43.74	+18 16.4	2.346	3.303	4.7	21.8
12 27	6 34.26	+18 32.1	2.321	3.301	1.6	21.6
1 6	6 24.54	+18 49.8	2.327	3.299	3.2	21.7
1 16	6 15.48	+19 8.3	2.365	3.295	6.6	22.0
1 26	6 7.91	+19 27.2	2.431	3.291	9.7	22.2
2 5	6 2.38	+19 46.1	2.521	3.286	12.4	22.3

312341 2008 CA_{211} 12 28.9 118°.33 0°.9/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 59.33	+25 45.0	2.030	2.869	12.4	21.1
12 7	6 52.86	+25 51.7	1.962	2.875	8.9	20.9
12 17	6 44.23	+25 56.9	1.920	2.882	5.1	20.6
12 27	6 34.34	+25 58.5	1.906	2.888	1.2	20.4
1 6	6 24.29	+25 55.1	1.921	2.894	3.5	20.6
1 16	6 15.21	+25 46.8	1.966	2.899	7.5	20.8
1 26	6 8.07	+25 35.0	2.038	2.905	11.0	21.0
2 5	6 3.46	+25 21.4	2.132	2.911	13.9	21.3

355273 2007 QX_{16} 12 28.9 84°.62 0°.4/28.9 15

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 2.91	+24 31.1	1.725	2.565	14.1	21.5
12 7	6 55.46	+24 31.2	1.677	2.590	10.1	21.3
12 17	6 45.64	+24 30.5	1.652	2.614	5.7	21.1
12 27	6 34.55	+24 26.8	1.656	2.638	1.0	20.9
1 6	6 23.54	+24 19.1	1.689	2.662	3.8	21.1
1 16	6 13.87	+24 7.8	1.751	2.685	8.1	21.4
1 26	6 6.55	+23 54.7	1.839	2.708	11.9	21.7
2 5	6 2.10	+23 41.3	1.949	2.731	15.0	22.0

411837 2012 DY_{52} 12 28.9 135°.95 0°.0/29.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 57.31	+22 32.1	2.366	3.200	11.0	21.5
12 7	6 51.15	+22 39.8	2.296	3.207	7.9	21.3
12 17	6 43.19	+22 48.6	2.252	3.214	4.5	21.1
12 27	6 34.17	+22 57.1	2.238	3.220	0.8	20.8
1 6	6 25.01	+23 3.8	2.253	3.227	3.0	21.0
1 16	6 16.62	+23 8.5	2.299	3.233	6.5	21.3
1 26	6 9.81	+23 11.3	2.373	3.239	9.7	21.5
2 5	6 5.14	+23 12.9	2.471	3.244	12.4	21.7

4642 Murchie 12 28.9 177°.28 0°.3/29.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 55.50	+21 43.7	2.816	3.645	9.6	18.0
12 7	6 49.65	+21 50.3	2.738	3.646	6.9	17.8
12 17	6 42.29	+21 58.2	2.687	3.647	3.9	17.6
12 27	6 34.02	+22 6.4	2.665	3.648	0.7	17.4
1 6	6 25.59	+22 13.9	2.675	3.648	2.6	17.5
1 16	6 17.76	+22 20.1	2.716	3.648	5.7	17.7
1 26	6 11.21	+22 25.1	2.786	3.648	8.5	17.9
2 5	6 6.45	+22 29.3	2.879	3.647	10.9	18.1

477237 2009 RQ_{31} 12 28.9 100°.01 2°.8/28.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 5.16	+29 20.5	1.517	2.361	15.5	21.2
12 7	6 57.61	+29 43.2	1.463	2.377	11.3	21.0
12 17	6 47.08	+30 0.7	1.432	2.392	6.7	20.8
12 27	6 34.83	+30 8.3	1.428	2.407	3.0	20.6
1 6	6 22.53	+30 3.7	1.452	2.421	5.1	20.8
1 16	6 11.77	+29 47.7	1.504	2.435	9.5	21.0
1 26	6 3.83	+29 23.7	1.580	2.449	13.5	21.3
2 5	5 59.32	+28 56.0	1.678	2.463	16.9	21.6

133870 2004 HR_{28} 12 28.9 179°.57 0°.3/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 58.42	+22 52.5	2.299	3.132	11.3	20.4
12 7	6 52.08	+23 16.4	2.222	3.133	8.2	20.2
12 17	6 43.79	+23 42.1	2.172	3.134	4.6	20.0
12 27	6 34.29	+24 7.1	2.151	3.134	0.8	19.7
1 6	6 24.54	+24 29.3	2.161	3.134	3.1	19.9
1 16	6 15.54	+24 47.6	2.201	3.133	6.8	20.1
1 26	6 8.18	+25 1.9	2.268	3.132	10.2	20.3
2 5	6 3.06	+25 13.0	2.360	3.131	13.0	20.5

460916 2014 WX_{216} 12 28.9 90°.08 1°.3/28.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 57.58	+24 36.8	2.283	3.119	11.3	21.0
12 7	6 51.54	+25 29.6	2.214	3.125	8.1	20.8
12 17	6 43.52	+26 23.9	2.170	3.132	4.6	20.6
12 27	6 34.26	+27 16.0	2.157	3.138	1.4	20.3
1 6	6 24.74	+28 2.4	2.173	3.144	3.5	20.5
1 16	6 15.95	+28 41.1	2.220	3.150	7.0	20.7
1 26	6 8.81	+29 11.9	2.295	3.156	10.2	21.0
2 5	6 3.95	+29 35.6	2.393	3.162	12.9	21.2

296085 2009 BB_{14} 12 28.9 215°.58 3°.2/29.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 58.00	+14 24.1	1.968	2.797	13.1	21.2
12 7	6 51.96	+14 10.5	1.890	2.793	9.8	21.0
12 17	6 43.80	+14 4.6	1.836	2.789	6.2	20.7
12 27	6 34.31	+14 6.7	1.810	2.785	3.4	20.5
1 6	6 24.54	+14 16.1	1.814	2.780	4.6	20.6
1 16	6 15.58	+14 32.1	1.846	2.775	8.2	20.8
1 26	6 8.40	+14 53.3	1.904	2.770	11.7	21.0
2 5	6 3.64	+15 18.1	1.985	2.765	14.8	21.2

60787 2000 GW_{183} 12 28.9 351°.90 2°.0/28.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 27	6 59.60	+24 24.7	1.671	2.518	14.2	19.2
12 7	6 53.71	+25 39.5	1.599	2.516	10.3	19.0
12 17	6 45.06	+26 58.6	1.552	2.515	5.9	18.7
12 27	6 34.55	+28 15.6	1.533	2.514	2.2	18.5
1 6	6 23.54	+29 24.4	1.543	2.513	4.7	18.6
1 16	6 13.46	+30 21.2	1.581	2.512	9.1	18.9
1 26	6 5.66	+31 4.9	1.644	2.512	13.1	19.1
2 5	6 0.97	+31 37.3	1.729	2.512	16.5	19.4

518815 2010 CQ_{53} 12 28.9 82°.49 0°.0/28.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 57.61	+21 18.6	2.176	3.011	11.8	21.1
12 7	6 51.48	+21 52.7	2.115	3.027	8.5	20.9
12 17	6 43.42	+22 29.9	2.081	3.042	4.7	20.7
12 27	6 34.24	+23 7.5	2.075	3.058	0.8	20.4
1 6	6 24.93	+23 42.9	2.100	3.073	3.2	20.7
1 16	6 16.45	+24 14.4	2.155	3.089	6.9	20.9
1 26	6 9.69	+24 41.6	2.237	3.104	10.2	21.2
2 5	6 5.20	+25 4.5	2.342	3.119	12.9	21.4

77497 2001 HR_{37} 12 28.9 179°.33 4°.9/27.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 0.51	+39 6.6	2.733	3.545	10.4	19.7
12 7	6 53.63	+39 58.7	2.661	3.546	8.1	19.5
12 17	6 44.70	+40 42.4	2.615	3.546	6.0	19.4
12 27	6 34.48	+41 13.4	2.598	3.547	4.9	19.3
1 6	6 23.97	+41 28.8	2.611	3.547	5.7	19.4
1 16	6 14.22	+41 28.5	2.653	3.546	7.7	19.5
1 26	6 6.20	+41 14.5	2.722	3.545	10.0	19.7
2 5	6 0.53	+40 50.5	2.813	3.544	12.0	19.8

39785 1997 LV_{10} 12 28.9 277°.74 1°.5/29.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 56.30	+18 40.2	2.129	2.964	12.0	19.4
12 7	6 50.70	+18 38.4	2.044	2.954	8.8	19.2
12 17	6 43.10	+18 41.0	1.984	2.944	5.2	19.0
12 27	6 34.21	+18 47.1	1.953	2.934	1.7	18.7
1 6	6 25.02	+18 55.7	1.952	2.924	3.5	18.8
1 16	6 16.53	+19 6.2	1.979	2.914	7.3	19.0
1 26	6 9.68	+19 17.9	2.034	2.903	10.9	19.2
2 5	6 5.12	+19 30.7	2.111	2.893	14.0	19.4

490506 2009 UK_{68} 12 28.9 55°.99 4°.0/28.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 59.68	+32 3.7	1.967	2.804	12.7	21.6
12 7	6 53.40	+33 1.9	1.906	2.814	9.5	21.4
12 17	6 44.69	+33 55.2	1.871	2.824	6.1	21.2
12 27	6 34.48	+34 38.2	1.864	2.834	4.0	21.1
1 6	6 24.02	+35 7.1	1.886	2.845	5.4	21.2
1 16	6 14.60	+35 21.2	1.936	2.855	8.5	21.4
1 26	6 7.30	+35 22.2	2.012	2.866	11.7	21.6
2 5	6 2.80	+35 13.6	2.109	2.877	14.4	21.8

368037 2012 HD_{4} 12 28.9 141°.93 3°.9/29.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 55.28	+ 9 58.7	2.390	3.202	11.6	21.5
12 7	6 49.63	+ 9 53.0	2.318	3.207	8.9	21.4
12 17	6 42.34	+ 9 57.3	2.271	3.212	6.1	21.2
12 27	6 34.07	+10 11.8	2.252	3.217	4.1	21.1
1 6	6 25.64	+10 35.7	2.263	3.221	4.7	21.1
1 16	6 17.86	+11 7.6	2.304	3.226	7.2	21.3
1 26	6 11.50	+11 45.4	2.372	3.230	10.0	21.5
2 5	6 7.08	+12 26.9	2.464	3.233	12.5	21.7

39626 1994 PV_{18} 12 28.9 16°.58 0°.6/28.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	6 57.67	+24 47.0	1.834	2.680	13.2	18.7
12 7	6 51.90	+24 52.7	1.765	2.682	9.5	18.5
12 17	6 43.81	+24 58.1	1.721	2.684	5.4	18.3
12 27	6 34.33	+25 1.0	1.704	2.687	1.1	18.0
1 6	6 24.65	+24 59.8	1.716	2.690	3.7	18.2
1 16	6 15.96	+24 54.6	1.757	2.693	7.9	18.4
1 26	6 9.33	+24 46.3	1.823	2.697	11.7	18.7
2 5	6 5.37	+24 36.5	1.911	2.701	14.9	18.9

510537 2012 HT_{7} 12 28.9 160°.06 4°.7/29.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 1.69	+12 16.9	1.507	2.339	16.2	22.0
12 7	6 55.04	+11 57.0	1.441	2.343	12.3	21.8
12 17	6 45.69	+11 49.1	1.397	2.347	8.1	21.5
12 27	6 34.66	+11 54.3	1.379	2.350	4.9	21.4
1 6	6 23.36	+12 11.6	1.389	2.353	6.1	21.4
1 16	6 13.20	+12 39.3	1.426	2.355	10.1	21.7
1 26	6 5.43	+13 14.7	1.488	2.357	14.2	21.9
2 5	6 0.75	+13 55.0	1.571	2.359	17.7	22.2

440110 2003 QT_{13} 12 28.9 68°.82 7°.8/30.5 15

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 27	7 0.54	+ 3 39.9	1.608	2.413	16.7	21.5
12 7	6 53.64	+ 3 0.1	1.571	2.446	13.3	21.4
12 17	6 44.59	+ 2 40.2	1.557	2.479	10.0	21.3
12 27	6 34.44	+ 2 42.3	1.567	2.511	8.0	21.2
1 6	6 24.43	+ 3 5.6	1.605	2.543	8.4	21.3
1 16	6 15.69	+ 3 46.9	1.670	2.575	10.6	21.5
1 26	6 9.13	+ 4 41.3	1.759	2.607	13.4	21.8
2 5	6 5.23	+ 5 43.5	1.869	2.638	16.0	22.0