131350 2001 HC_{64} 12 19.9 223°.98 3°.8/19.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 20.04	+33 48.6	2.378	3.195	11.6	19.9
11 27	6 13.83	+34 36.2	2.299	3.192	8.9	19.7
12 7	6 5.41	+35 17.8	2.245	3.189	6.0	19.5
12 17	5 55.49	+35 49.3	2.220	3.186	4.0	19.4
12 27	5 45.13	+36 8.1	2.224	3.183	4.7	19.5
1 6	5 35.47	+36 13.8	2.258	3.180	7.3	19.6
1 16	5 27.50	+36 8.3	2.318	3.177	10.2	19.8
1 26	5 21.96	+35 55.2	2.403	3.173	12.7	20.0

43556 2001 FK_{60} 12 19.9 115°.28 3°.3/20.1 18

11 17	6 16.19	+13 1.0	2.300	3.120	11.8	18.9
11 27	6 10.65	+12 52.7	2.229	3.126	8.9	18.7
12 7	6 3.36	+12 51.1	2.183	3.131	5.9	18.5
12 17	5 54.98	+12 57.0	2.165	3.137	3.4	18.4
12 27	5 46.37	+13 10.3	2.177	3.142	4.2	18.5
1 6	5 38.42	+13 30.5	2.219	3.147	7.0	18.6
1 16	5 31.89	+13 56.7	2.288	3.153	10.0	18.8
1 26	5 27.35	+14 27.6	2.380	3.158	12.7	19.0

271054 2003 GU 12 19.9 207°.82 18°.9/17.9 18

11 17	6 21.77	−11 47.0	1.229	1.993	23.1	20.6
11 27	6 15.96	−14 18.1	1.181	1.991	21.1	20.5
12 7	6 6.99	−16 15.1	1.150	1.990	19.6	20.4
12 17	5 55.89	−17 25.4	1.137	1.987	18.9	20.3
12 27	5 44.26	−17 40.9	1.142	1.985	19.4	20.4
1 6	5 33.83	−17 2.4	1.166	1.982	20.8	20.4
1 16	5 25.98	−15 37.4	1.207	1.979	22.7	20.6
1 26	5 21.62	−13 38.2	1.261	1.975	24.8	20.7

307384 2002 SM_{68} 12 19.9 130°.64 1°.2/19.9 18

11 17	6 19.60	+20 18.0	1.919	2.752	13.3	21.6
11 27	6 13.48	+20 9.2	1.849	2.757	9.8	21.4
12 7	6 5.15	+20 2.0	1.803	2.762	5.8	21.1
12 17	5 55.41	+19 56.1	1.786	2.767	1.8	20.9
12 27	5 45.41	+19 51.5	1.797	2.772	3.4	21.0
1 6	5 36.29	+19 48.7	1.838	2.777	7.4	21.3
1 16	5 29.02	+19 48.4	1.905	2.781	11.2	21.5
1 26	5 24.26	+19 51.5	1.996	2.785	14.3	21.7

117679 2005 EF_{223} 12 19.9 194°.70 2°.1/19.9 18

11 17	6 19.06	+17 21.0	1.979	2.808	13.1	20.1
11 27	6 13.09	+17 17.7	1.902	2.807	9.8	19.9
12 7	6 4.95	+17 18.8	1.850	2.806	6.0	19.6
12 17	5 55.39	+17 24.2	1.825	2.804	2.5	19.4
12 27	5 45.46	+17 33.6	1.830	2.803	3.7	19.5
1 6	5 36.31	+17 46.7	1.864	2.801	7.5	19.7
1 16	5 28.88	+18 3.3	1.925	2.798	11.2	20.0
1 26	5 23.88	+18 23.3	2.009	2.796	14.4	20.2

220480 2004 CX_{17} 12 19.9 348°.39 4°.0/20.1 18

11 17	6 21.77	+30 46.1	1.229	2.082	18.0	20.1
11 27	6 16.53	+31 17.0	1.162	2.078	13.6	19.8
12 7	6 7.58	+31 40.6	1.117	2.075	8.7	19.5
12 17	5 56.06	+31 51.1	1.094	2.072	4.4	19.3
12 27	5 43.89	+31 45.1	1.097	2.069	5.7	19.3
1 6	5 33.16	+31 23.9	1.126	2.067	10.6	19.6
1 16	5 25.50	+30 52.6	1.176	2.066	15.4	19.9
1 26	5 21.90	+30 17.5	1.247	2.066	19.6	20.1

265073 2003 SJ_{132} 12 19.9 248°.44 4°.9/19.9 18

11 17	6 20.85	+37 20.8	2.327	3.137	12.1	20.2
11 27	6 14.55	+38 7.4	2.248	3.133	9.4	20.1
12 7	6 5.88	+38 45.2	2.194	3.129	6.8	19.9
12 17	5 55.61	+39 9.8	2.168	3.125	5.0	19.8
12 27	5 44.90	+39 18.3	2.171	3.122	5.6	19.8
1 6	5 34.97	+39 11.1	2.203	3.118	7.9	19.9
1 16	5 26.89	+38 50.8	2.261	3.114	10.6	20.1
1 26	5 21.40	+38 21.8	2.343	3.110	13.1	20.3

199871 2007 EG_{166} 12 19.9 261°.37 1°.2/20.0 18

11 17	6 22.20	+26 0.5	1.661	2.499	14.8	20.9
11 27	6 16.07	+26 10.1	1.575	2.486	11.0	20.7
12 7	6 7.01	+26 17.2	1.512	2.472	6.6	20.4
12 17	5 55.92	+26 19.1	1.476	2.458	1.9	20.0
12 27	5 44.17	+26 14.2	1.468	2.444	3.8	20.1
1 6	5 33.32	+26 3.1	1.489	2.429	8.6	20.4
1 16	5 24.71	+25 48.3	1.535	2.415	13.1	20.6
1 26	5 19.27	+25 33.0	1.602	2.400	16.9	20.8

64567 2001 WB_{37} 12 19.9 183°.58 0°.9/19.9 18

11 17	6 23.03	+24 56.0	1.994	2.821	13.1	19.8
11 27	6 16.13	+25 20.3	1.917	2.822	9.7	19.6
12 7	6 6.79	+25 43.6	1.864	2.822	5.7	19.4
12 17	5 55.84	+26 3.4	1.839	2.821	1.6	19.1
12 27	5 44.46	+26 17.5	1.845	2.820	3.2	19.2
1 6	5 33.92	+26 25.9	1.881	2.818	7.4	19.5
1 16	5 25.31	+26 29.7	1.944	2.816	11.2	19.7
1 26	5 19.37	+26 31.1	2.030	2.812	14.4	19.9

52105 2669 $P–L$ 12 19.9 29°.28 5°.6/20.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 18.54	+12 59.6	1.106	1.963	19.3	19.0
11 27	6 13.66	+12 25.2	1.057	1.973	14.6	18.7
12 7	6 5.61	+12 3.5	1.028	1.984	9.7	18.5
12 17	5 55.56	+11 57.0	1.022	1.995	5.9	18.3
12 27	5 45.24	+12 6.9	1.041	2.008	7.0	18.4
1 6	5 36.38	+12 31.9	1.083	2.022	11.4	18.7
1 16	5 30.28	+13 9.0	1.148	2.036	15.9	19.0
1 26	5 27.69	+13 54.7	1.231	2.051	19.7	19.3

423815 2006 KH_{13} 12 19.9 199°.81 2°.6/20.2 18

11 17	6 15.78	+13 25.0	2.663	3.477	10.6	21.3
11 27	6 10.23	+13 30.6	2.580	3.475	8.0	21.1
12 7	6 3.11	+13 42.3	2.524	3.473	5.1	20.9
12 17	5 54.96	+14 0.2	2.497	3.470	2.8	20.8
12 27	5 46.54	+14 23.9	2.500	3.467	3.5	20.8
1 6	5 38.62	+14 52.6	2.534	3.464	6.2	21.0
1 16	5 31.91	+15 25.4	2.596	3.460	9.0	21.2
1 26	5 26.96	+16 1.1	2.684	3.456	11.5	21.3

174336 2002 TS_{171} 12 19.9 135°.46 1°.3/19.8 18

11 17	6 20.98	+21 20.6	2.084	2.911	12.6	20.1
11 27	6 14.25	+20 46.2	2.016	2.921	9.3	19.9
12 7	6 5.49	+20 11.1	1.973	2.930	5.5	19.7
12 17	5 55.51	+19 36.0	1.958	2.939	1.8	19.4
12 27	5 45.38	+19 2.3	1.974	2.948	3.3	19.5
1 6	5 36.16	+18 31.7	2.021	2.956	7.1	19.8
1 16	5 28.73	+18 5.9	2.094	2.964	10.6	20.0
1 26	5 23.67	+17 46.3	2.192	2.972	13.5	20.2

78073 2002 LL_{12} 12 19.9 117°.56 0°.9/20.1 18

11 17	6 21.31	+19 15.1	1.914	2.743	13.5	19.2
11 27	6 14.76	+19 41.9	1.849	2.755	9.9	19.0
12 7	6 5.92	+20 12.9	1.808	2.766	5.9	18.8
12 17	5 55.64	+20 45.9	1.796	2.778	1.6	18.5
12 27	5 45.05	+21 19.0	1.813	2.788	3.2	18.6
1 6	5 35.36	+21 50.9	1.860	2.799	7.3	18.9
1 16	5 27.55	+22 21.1	1.935	2.809	11.1	19.2
1 26	5 22.32	+22 50.0	2.032	2.819	14.2	19.4

300494 2007 TK_{153} 12 19.9 156°.87 8°.2/20.1 18

11 17	6 28.82	+44 57.8	2.015	2.802	14.5	21.3
11 27	6 21.00	+46 4.8	1.949	2.806	12.0	21.1
12 7	6 9.91	+46 55.9	1.906	2.810	9.7	21.0
12 17	5 56.61	+47 23.8	1.888	2.814	8.3	20.9
12 27	5 42.78	+47 24.3	1.898	2.818	8.6	20.9
1 6	5 30.21	+46 58.6	1.934	2.821	10.4	21.0
1 16	5 20.36	+46 12.2	1.995	2.824	12.8	21.2
1 26	5 14.11	+45 13.1	2.078	2.826	15.2	21.4

135957 2002 TS_{239} 12 19.9 65°.39 1°.3/19.9 18

11 17	6 19.98	+20 55.0	1.693	2.532	14.5	19.9
11 27	6 13.89	+20 35.3	1.634	2.546	10.6	19.7
12 7	6 5.41	+20 16.5	1.600	2.560	6.3	19.4
12 17	5 55.51	+19 58.8	1.592	2.574	1.9	19.2
12 27	5 45.44	+19 42.9	1.613	2.588	3.6	19.3
1 6	5 36.48	+19 29.8	1.662	2.602	7.9	19.6
1 16	5 29.61	+19 20.8	1.737	2.617	11.9	19.9
1 26	5 25.46	+19 16.7	1.835	2.631	15.1	20.2

517503 2014 QD_{335} 12 19.9 342°.46 1°.0/20.0 17

11 17	6 16.71	+19 29.4	1.927	2.764	13.1	21.2
11 27	6 11.52	+19 44.8	1.849	2.759	9.7	21.0
12 7	6 4.12	+20 4.2	1.796	2.755	5.7	20.7
12 17	5 55.24	+20 26.3	1.770	2.752	1.7	20.5
12 27	5 45.95	+20 49.8	1.773	2.749	3.2	20.6
1 6	5 37.39	+21 13.8	1.805	2.746	7.4	20.8
1 16	5 30.55	+21 37.9	1.863	2.743	11.2	21.0
1 26	5 26.17	+22 2.2	1.944	2.741	14.4	21.2

112854 2002 QP_{27} 12 20.0 99°.95 5°.2/20.4 18

11 17	6 18.86	+ 8 30.8	1.847	2.663	14.5	19.6
11 27	6 12.92	+ 8 23.8	1.783	2.672	11.2	19.4
12 7	6 4.84	+ 8 29.6	1.742	2.681	7.9	19.2
12 17	5 55.40	+ 8 49.1	1.728	2.690	5.4	19.1
12 27	5 45.69	+ 9 22.1	1.742	2.699	6.0	19.1
1 6	5 36.84	+10 6.8	1.785	2.708	8.8	19.3
1 16	5 29.77	+11 0.3	1.853	2.716	12.1	19.5
1 26	5 25.13	+11 59.6	1.945	2.725	15.0	19.8

276696 2003 YA_{131} 12 20.0 317°.18 1°.1/19.8 18

11 17	6 19.15	+23 24.4	2.218	3.046	11.9	20.0
11 27	6 13.24	+24 26.8	2.134	3.040	8.8	19.8
12 7	6 5.14	+25 32.0	2.076	3.034	5.2	19.5
12 17	5 55.51	+26 36.3	2.047	3.029	1.6	19.3
12 27	5 45.34	+27 36.1	2.049	3.023	3.1	19.4
1 6	5 35.73	+28 28.9	2.082	3.018	6.9	19.6
1 16	5 27.69	+29 14.1	2.142	3.013	10.3	19.8
1 26	5 21.99	+29 52.4	2.227	3.008	13.3	20.0

426479 2013 RE_7 12 20.0 139.°86 1.°5/20.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 26.50	+26 56.9	1.568	2.401	15.7	21.9
11 27	6 19.05	+27 6.1	1.504	2.412	11.6	21.7
12 7	6 8.61	+27 10.9	1.463	2.422	6.9	21.5
12 17	5 56.30	+27 8.5	1.449	2.431	2.2	21.2
12 27	5 43.68	+26 57.6	1.465	2.440	3.9	21.3
1 6	5 32.39	+26 39.8	1.508	2.447	8.7	21.6
1 16	5 23.67	+26 18.3	1.577	2.455	13.0	21.9
1 26	5 18.30	+25 57.1	1.668	2.461	16.5	22.2

227229 2005 RE_{40} 12 20.0 74.°47 1.°0/19.9 18

11 17	6 24.11	+21 17.1	1.407	2.250	16.7	20.8
11 27	6 17.17	+21 13.2	1.360	2.273	12.2	20.6
12 7	6 7.41	+21 10.9	1.336	2.297	7.1	20.4
12 17	5 55.99	+21 9.0	1.337	2.320	1.9	20.1
12 27	5 44.50	+21 7.0	1.367	2.343	3.9	20.3
1 6	5 34.48	+21 5.7	1.424	2.366	8.8	20.6
1 16	5 27.06	+21 6.2	1.505	2.388	13.1	20.9
1 26	5 22.88	+21 9.7	1.609	2.410	16.7	21.2

494062 2016 BX_{56} 12 20.0 54.°78 3.°4/20.3 17

11 17	6 19.93	+33 42.2	2.148	2.969	12.5	21.5
11 27	6 13.77	+33 56.4	2.077	2.974	9.5	21.3
12 7	6 5.36	+34 2.2	2.030	2.978	6.2	21.1
12 17	5 55.53	+33 57.0	2.011	2.983	3.7	20.9
12 27	5 45.45	+33 39.6	2.021	2.987	4.3	21.0
1 6	5 36.30	+33 11.4	2.061	2.992	7.3	21.2
1 16	5 29.05	+32 35.6	2.127	2.996	10.5	21.4
1 26	5 24.35	+31 56.5	2.217	3.001	13.2	21.6

450618 2006 SB_{384} 12 20.0 73.°67 2.°9/20.1 17

11 17	6 18.45	+15 9.2	1.826	2.658	13.9	21.8
11 27	6 12.72	+15 6.9	1.760	2.665	10.4	21.6
12 7	6 4.76	+15 11.5	1.717	2.672	6.6	21.4
12 17	5 55.40	+15 23.2	1.702	2.678	3.2	21.2
12 27	5 45.74	+15 41.5	1.715	2.685	4.3	21.3
1 6	5 36.96	+16 5.5	1.757	2.692	8.0	21.5
1 16	5 30.01	+16 34.2	1.825	2.699	11.6	21.8
1 26	5 25.57	+17 6.6	1.915	2.706	14.8	22.0

48476 1991 UP_3 12 20.0 26.°03 0.°1/20.0 18

11 17	6 19.36	+22 10.1	1.043	1.912	19.3	18.1
11 27	6 14.64	+22 34.0	0.997	1.923	14.2	17.8
12 7	6 6.36	+23 0.8	0.970	1.935	8.3	17.5
12 17	5 55.80	+23 27.4	0.966	1.949	1.9	17.2
12 27	5 44.92	+23 50.7	0.987	1.964	4.4	17.4
1 6	5 35.68	+24 9.8	1.031	1.981	10.3	17.8
1 16	5 29.53	+24 25.6	1.098	1.998	15.4	18.2
1 26	5 27.27	+24 39.9	1.184	2.016	19.6	18.5

22885 Sakaemura 12 20.0 356.°86 4.°9/20.2 18

11 17	6 19.57	+12 42.9	1.297	2.143	17.7	18.2
11 27	6 14.33	+12 27.5	1.232	2.141	13.5	18.0
12 7	6 6.06	+12 24.2	1.187	2.140	8.9	17.7
12 17	5 55.75	+12 34.5	1.166	2.140	5.2	17.5
12 27	5 44.92	+12 58.5	1.172	2.140	6.3	17.6
1 6	5 35.21	+13 34.7	1.203	2.140	10.6	17.8
1 16	5 27.97	+14 20.4	1.257	2.140	15.1	18.1
1 26	5 24.08	+15 12.6	1.331	2.141	19.1	18.3

62225 2000 SZ_{67} 12 20.0 177.°71 0.°9/20.0 18

11 17	6 22.64	+25 31.3	2.059	2.884	12.8	20.2
11 27	6 15.76	+25 47.2	1.982	2.886	9.5	20.0
12 7	6 6.55	+26 1.2	1.930	2.888	5.6	19.8
12 17	5 55.83	+26 11.0	1.907	2.889	1.6	19.5
12 27	5 44.74	+26 15.3	1.914	2.889	3.1	19.6
1 6	5 34.50	+26 14.2	1.951	2.889	7.2	19.9
1 16	5 26.13	+26 9.3	2.016	2.888	10.8	20.1
1 26	5 20.35	+26 3.1	2.104	2.886	13.9	20.3

317418 2002 PG_{196} 12 20.0 55.°19 1.°8/19.9 18

11 17	6 21.65	+25 51.6	1.578	2.420	15.3	20.6
11 27	6 15.48	+26 33.7	1.523	2.435	11.2	20.3
12 7	6 6.53	+27 14.3	1.490	2.450	6.7	20.1
12 17	5 55.84	+27 49.4	1.485	2.466	2.3	19.9
12 27	5 44.83	+28 15.9	1.507	2.482	3.9	20.0
1 6	5 35.02	+28 33.2	1.557	2.498	8.4	20.3
1 16	5 27.58	+28 43.0	1.633	2.514	12.4	20.6
1 26	5 23.25	+28 48.1	1.731	2.530	15.8	20.9

147105 2002 TM_{42} 12 20.0 65.°31 3.°6/19.9 18

11 17	6 24.68	+29 42.7	1.355	2.199	17.2	19.6
11 27	6 18.19	+30 28.5	1.301	2.212	12.8	19.3
12 7	6 8.33	+31 8.5	1.268	2.224	8.0	19.1
12 17	5 56.28	+31 36.9	1.260	2.237	4.0	18.9
12 27	5 43.85	+31 49.9	1.279	2.250	5.3	19.0
1 6	5 32.92	+31 48.3	1.325	2.263	9.8	19.3
1 16	5 24.91	+31 35.8	1.395	2.276	14.1	19.6
1 26	5 20.64	+31 18.0	1.485	2.289	17.7	19.9

329057 2011 AF_{66} 12 20.0 138.°70 2.°1/20.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 23.29	+17 13.7	1.771	2.598	14.5	21.0
11 27	6 16.31	+17 19.7	1.706	2.610	10.8	20.8
12 7	6 6.88	+17 30.9	1.665	2.621	6.5	20.6
12 17	5 55.91	+17 46.6	1.652	2.631	2.5	20.4
12 27	5 44.66	+18 5.8	1.668	2.641	3.9	20.5
1 6	5 34.41	+18 27.7	1.714	2.650	8.1	20.8
1 16	5 26.22	+18 51.7	1.786	2.659	12.0	21.0
1 26	5 20.79	+19 17.8	1.881	2.667	15.2	21.2

214337 2005 JV_{93} 12 20.0 303.°21 1.°2/19.9 18

11 17	6 19.29	+21 36.0	1.622	2.465	14.8	20.5
11 27	6 14.11	+21 16.5	1.520	2.433	11.1	20.2
12 7	6 6.04	+20 56.4	1.440	2.401	6.7	19.9
12 17	5 55.81	+20 35.6	1.387	2.369	2.0	19.5
12 27	5 44.70	+20 14.5	1.362	2.337	4.0	19.6
1 6	5 34.25	+19 54.8	1.363	2.305	9.2	19.8
1 16	5 25.83	+19 38.5	1.390	2.273	14.0	20.0
1 26	5 20.51	+19 27.8	1.438	2.242	18.2	20.2

266163 2006 UM_{155} 12 20.0 334.°28 0.°4/20.0 18

11 17	6 20.02	+23 2.8	1.210	2.069	17.8	20.3
11 27	6 15.18	+23 24.7	1.140	2.061	13.2	20.0
12 7	6 6.83	+23 49.0	1.090	2.054	7.8	19.7
12 17	5 55.99	+24 12.4	1.064	2.047	1.9	19.3
12 27	5 44.39	+24 32.1	1.063	2.040	4.3	19.5
1 6	5 33.99	+24 47.0	1.088	2.035	10.2	19.8
1 16	5 26.41	+24 58.4	1.135	2.030	15.5	20.1
1 26	5 22.68	+25 8.4	1.202	2.026	19.9	20.3

86630 2000 EL_{132} 12 20.0 139.°99 2.°2/20.1 18

11 17	6 24.82	+28 54.3	1.835	2.661	14.1	20.0
11 27	6 17.53	+29 10.1	1.768	2.672	10.5	19.8
12 7	6 7.63	+29 20.5	1.726	2.682	6.4	19.6
12 17	5 56.09	+29 22.5	1.712	2.691	2.6	19.4
12 27	5 44.28	+29 14.6	1.727	2.700	3.8	19.5
1 6	5 33.60	+28 58.2	1.772	2.708	7.8	19.8
1 16	5 25.15	+28 36.2	1.843	2.716	11.6	20.0
1 26	5 19.65	+28 12.4	1.937	2.723	14.8	20.2

434309 2004 FO_{111} 12 20.0 194.°20 4.°6/19.7 18

11 17	6 21.07	+11 49.3	1.966	2.782	13.7	21.9
11 27	6 14.54	+11 11.4	1.888	2.780	10.5	21.7
12 7	6 5.82	+10 40.8	1.834	2.778	7.2	21.5
12 17	5 55.68	+10 19.6	1.808	2.774	4.8	21.3
12 27	5 45.19	+10 9.4	1.812	2.770	5.6	21.4
1 6	5 35.48	+10 10.7	1.844	2.765	8.7	21.5
1 16	5 27.50	+10 23.0	1.903	2.760	12.1	21.7
1 26	5 21.97	+10 44.9	1.984	2.753	15.1	21.9

78097 2002 LN_{36} 12 20.0 98.°21 0.°0/20.0 18

11 17	6 19.37	+25 13.1	2.514	3.336	10.9	19.2
11 27	6 12.76	+24 45.7	2.452	3.355	7.9	19.0
12 7	6 4.51	+24 15.3	2.416	3.374	4.6	18.9
12 17	5 55.32	+23 42.1	2.411	3.393	1.1	18.6
12 27	5 46.10	+23 6.9	2.436	3.412	2.5	18.8
1 6	5 37.71	+22 31.4	2.493	3.430	5.8	19.0
1 16	5 30.84	+21 57.6	2.578	3.448	8.8	19.2
1 26	5 26.00	+21 27.2	2.688	3.466	11.4	19.4

51119 2000 HE_{33} 12 20.0 184.°17 6.°3/20.1 18

11 17	6 14.12	+ 0 1.1	2.894	3.665	10.9	19.5
11 27	6 8.87	− 0 27.2	2.819	3.665	9.1	19.4
12 7	6 2.27	− 0 43.2	2.768	3.665	7.4	19.3
12 17	5 54.83	− 0 44.9	2.745	3.664	6.4	19.2
12 27	5 47.18	− 0 31.2	2.751	3.663	6.6	19.2
1 6	5 40.00	− 0 2.8	2.784	3.662	8.0	19.3
1 16	5 33.88	+ 0 38.6	2.845	3.660	9.8	19.4
1 26	5 29.30	+ 1 30.2	2.929	3.659	11.6	19.6

214705 2006 SF_{353} 12 20.0 133.°88 0.°8/20.0 18

11 17	6 19.55	+20 37.6	2.013	2.843	12.9	20.5
11 27	6 13.44	+20 45.5	1.942	2.849	9.5	20.3
12 7	6 5.18	+20 55.5	1.896	2.855	5.6	20.1
12 17	5 55.54	+21 6.3	1.878	2.860	1.5	19.8
12 27	5 45.60	+21 17.3	1.890	2.865	3.1	20.0
1 6	5 36.48	+21 28.0	1.931	2.870	7.1	20.2
1 16	5 29.13	+21 38.9	1.999	2.875	10.7	20.5
1 26	5 24.20	+21 50.7	2.091	2.879	13.8	20.7

486002 2012 MS_{11} 12 20.0 184.°20 7.°5/19.9 18

11 17	6 13.93	− 8 2.5	3.327	4.049	10.6	22.4
11 27	6 8.59	− 8 42.1	3.255	4.049	9.3	22.3
12 7	6 2.06	− 9 7.5	3.207	4.048	8.2	22.2
12 17	5 54.79	− 9 16.1	3.185	4.048	7.6	22.2
12 27	5 47.34	− 9 6.8	3.190	4.046	7.7	22.2
1 6	5 40.31	− 8 39.9	3.222	4.044	8.6	22.3
1 16	5 34.21	− 7 57.3	3.279	4.042	9.8	22.4
1 26	5 29.48	− 7 2.0	3.359	4.039	11.1	22.5

472790 2015 FS_{151} 12 20.0 284°.06 5°.0/19.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 24.63	+31 52.2	1.368	2.210	17.1	21.1
11 27	6 18.72	+32 51.3	1.291	2.199	13.1	20.8
12 7	6 9.03	+33 45.0	1.235	2.188	8.7	20.6
12 17	5 56.57	+34 25.5	1.205	2.177	5.3	20.3
12 27	5 43.14	+34 46.9	1.200	2.166	6.5	20.4
1 6	5 30.86	+34 48.2	1.221	2.155	10.9	20.6
1 16	5 21.54	+34 33.3	1.266	2.145	15.4	20.8
1 26	5 16.32	+34 9.1	1.331	2.134	19.4	21.0

137452 1999 TW_{281} 12 20.0 119°.74 1°.3/20.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.77	+18 29.9	1.796	2.628	14.1	20.1
11 27	6 14.55	+18 49.9	1.727	2.635	10.4	19.9
12 7	6 5.93	+19 14.8	1.683	2.641	6.2	19.6
12 17	5 55.74	+19 43.2	1.666	2.647	2.0	19.4
12 27	5 45.18	+20 13.2	1.679	2.654	3.5	19.5
1 6	5 35.53	+20 43.6	1.720	2.659	7.8	19.8
1 16	5 27.84	+21 13.6	1.788	2.665	11.7	20.0
1 26	5 22.84	+21 43.5	1.879	2.671	15.0	20.2

145328 2005 LH_{36} 12 20.0 174°.02 0°.1/20.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.17	+23 14.6	2.293	3.117	11.7	21.5
11 27	6 13.73	+23 25.4	2.215	3.120	8.6	21.3
12 7	6 5.30	+23 36.1	2.163	3.122	5.0	21.1
12 17	5 55.58	+23 45.0	2.141	3.123	1.2	20.8
12 27	5 45.55	+23 51.4	2.149	3.124	2.7	20.9
1 6	5 36.24	+23 55.2	2.187	3.125	6.5	21.2
1 16	5 28.52	+23 57.3	2.254	3.125	9.9	21.4
1 26	5 23.05	+23 59.1	2.344	3.125	12.7	21.6

35313 Hangtianyuan 12 20.0 82°.84 0°.6/20.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.22	+24 23.1	1.994	2.827	12.9	19.1
11 27	6 13.25	+24 37.4	1.926	2.835	9.4	18.9
12 7	6 5.09	+24 50.9	1.883	2.842	5.5	18.7
12 17	5 55.53	+25 1.6	1.868	2.850	1.4	18.4
12 27	5 45.69	+25 8.4	1.882	2.858	3.0	18.6
1 6	5 36.72	+25 11.5	1.925	2.865	7.0	18.8
1 16	5 29.57	+25 11.9	1.996	2.873	10.7	19.1
1 26	5 24.91	+25 11.5	2.090	2.881	13.7	19.3

451326 2010 VP_{60} 12 20.0 145°.82 0°.1/20.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.34	+25 18.3	2.279	3.103	11.8	21.4
11 27	6 13.75	+24 56.8	2.206	3.110	8.6	21.2
12 7	6 5.23	+24 32.0	2.159	3.117	5.1	21.0
12 17	5 55.54	+24 3.5	2.141	3.123	1.2	20.7
12 27	5 45.68	+23 32.2	2.154	3.129	2.7	20.8
1 6	5 36.67	+22 59.6	2.197	3.135	6.4	21.1
1 16	5 29.32	+22 28.0	2.268	3.140	9.8	21.3
1 26	5 24.22	+21 59.5	2.364	3.145	12.6	21.5

112598 2002 PE_{59} 12 20.0 152°.67 2°.8/20.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 23.23	+15 20.6	1.970	2.789	13.6	20.7
11 27	6 16.04	+15 15.3	1.902	2.800	10.2	20.5
12 7	6 6.66	+15 15.9	1.858	2.810	6.4	20.3
12 17	5 55.90	+15 22.2	1.843	2.820	3.1	20.1
12 27	5 44.87	+15 34.2	1.859	2.828	4.1	20.2
1 6	5 34.74	+15 51.2	1.904	2.835	7.8	20.4
1 16	5 26.46	+16 12.7	1.976	2.842	11.3	20.6
1 26	5 20.69	+16 38.1	2.072	2.847	14.3	20.9

486490 2013 GH_{93} 12 20.0 229°.03 0°.4/20.0 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.29	+22 8.7	2.211	3.038	12.0	22.1
11 27	6 13.22	+22 7.2	2.123	3.029	8.8	21.8
12 7	6 5.07	+22 5.8	2.062	3.020	5.2	21.6
12 17	5 55.54	+22 3.8	2.028	3.011	1.3	21.3
12 27	5 45.62	+22 0.8	2.025	3.001	2.9	21.4
1 6	5 36.36	+21 57.0	2.052	2.991	6.8	21.6
1 16	5 28.69	+21 53.6	2.107	2.980	10.4	21.9
1 26	5 23.31	+21 51.8	2.185	2.969	13.4	22.0

480062 2015 DH_{77} 12 20.0 213°.75 3°.7/20.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 26.67	+31 54.7	1.667	2.493	15.3	22.2
11 27	6 19.49	+32 22.8	1.586	2.488	11.6	22.0
12 7	6 9.12	+32 43.4	1.530	2.481	7.5	21.7
12 17	5 56.54	+32 51.3	1.499	2.474	4.1	21.5
12 27	5 43.35	+32 43.6	1.498	2.466	5.1	21.6
1 6	5 31.27	+32 21.3	1.524	2.458	9.2	21.8
1 16	5 21.73	+31 48.8	1.577	2.449	13.3	22.0
1 26	5 15.67	+31 11.8	1.651	2.439	16.9	22.2

449886 2015 MC_{90} 12 20.0 153°.10 4°.4/19.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.04	+12 8.3	2.121	2.936	12.9	21.9
11 27	6 13.54	+11 20.1	2.052	2.944	9.9	21.7
12 7	6 5.12	+10 38.1	2.009	2.951	6.7	21.6
12 17	5 55.53	+10 4.8	1.993	2.958	4.6	21.4
12 27	5 45.74	+ 9 42.0	2.008	2.964	5.4	21.5
1 6	5 36.76	+ 9 30.6	2.051	2.970	8.2	21.7
1 16	5 29.40	+ 9 30.4	2.122	2.975	11.2	21.9
1 26	5 24.26	+ 9 40.2	2.215	2.979	13.9	22.1

326924 2003 YW_{161} 12 20.0 89°.56 3°.0/20.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 16.13	+13 6.5	2.328	3.148	11.7	20.9
11 27	6 10.64	+13 6.7	2.259	3.156	8.8	20.8
12 7	6 3.43	+13 13.9	2.215	3.164	5.7	20.6
12 17	5 55.14	+13 28.3	2.199	3.171	3.3	20.4
12 27	5 46.63	+13 49.6	2.213	3.179	4.0	20.5
1 6	5 38.77	+14 17.0	2.257	3.187	6.8	20.7
1 16	5 32.31	+14 49.2	2.328	3.195	9.8	20.9
1 26	5 27.81	+15 25.0	2.423	3.202	12.4	21.1

186111 2001 TV_{92} 12 20.0 124°.69 2°.6/20.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.19	+30 30.7	2.012	2.839	13.0	20.5
11 27	6 14.79	+30 46.7	1.941	2.843	9.7	20.3
12 7	6 6.03	+30 56.6	1.894	2.848	6.1	20.1
12 17	5 55.77	+30 57.7	1.875	2.852	2.9	19.9
12 27	5 45.20	+30 48.6	1.886	2.857	3.9	20.0
1 6	5 35.59	+30 30.5	1.926	2.861	7.4	20.2
1 16	5 27.94	+30 6.0	1.992	2.865	10.9	20.5
1 26	5 22.97	+29 38.9	2.082	2.869	13.9	20.7

307972 2004 LH_{16} 12 20.0 144°.28 3°.6/20.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.04	+ 8 59.4	3.106	3.900	9.7	22.4
11 27	6 10.85	+ 8 51.2	3.037	3.915	7.5	22.2
12 7	6 3.37	+ 8 50.2	2.996	3.929	5.2	22.1
12 17	5 55.11	+ 8 57.0	2.984	3.943	3.7	22.0
12 27	5 46.73	+ 9 11.6	3.003	3.956	4.1	22.0
1 6	5 38.86	+ 9 33.5	3.054	3.968	6.0	22.2
1 16	5 32.07	+10 1.7	3.134	3.979	8.2	22.4
1 26	5 26.81	+10 34.9	3.239	3.989	10.2	22.5

401513 2013 EP_{51} 12 20.0 231°.05 2°.1/20.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.53	+17 1.5	2.094	2.921	12.6	21.5
11 27	6 12.71	+16 58.1	2.011	2.914	9.4	21.3
12 7	6 4.80	+16 59.2	1.952	2.907	5.8	21.0
12 17	5 55.50	+17 4.6	1.921	2.900	2.5	20.8
12 27	5 45.79	+17 14.3	1.920	2.892	3.6	20.9
1 6	5 36.75	+17 27.9	1.949	2.885	7.3	21.1
1 16	5 29.32	+17 45.2	2.005	2.876	10.9	21.3
1 26	5 24.18	+18 5.9	2.084	2.868	14.0	21.5

140095 2001 SO_{129} 12 20.0 281°.06 7°.9/20.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 25.63	+43 54.5	1.946	2.742	14.6	19.9
11 27	6 18.87	+44 47.4	1.863	2.729	12.0	19.7
12 7	6 8.83	+45 25.3	1.803	2.716	9.6	19.5
12 17	5 56.50	+45 41.1	1.768	2.703	8.0	19.4
12 27	5 43.48	+45 30.5	1.760	2.690	8.4	19.4
1 6	5 31.56	+44 54.3	1.779	2.677	10.5	19.5
1 16	5 22.25	+43 57.9	1.822	2.664	13.3	19.6
1 26	5 16.50	+42 49.2	1.887	2.651	16.0	19.8

124929 2001 TU_{71} 12 20.0 356°.01 0°.8/20.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.39	+21 54.2	1.319	2.173	16.9	19.5
11 27	6 14.31	+21 47.7	1.252	2.171	12.5	19.2
12 7	6 6.12	+21 42.5	1.206	2.169	7.4	18.9
12 17	5 55.84	+21 37.5	1.185	2.168	1.9	18.6
12 27	5 45.06	+21 32.4	1.190	2.167	4.1	18.7
1 6	5 35.48	+21 27.9	1.221	2.167	9.5	19.0
1 16	5 28.47	+21 25.7	1.276	2.168	14.4	19.3
1 26	5 24.88	+21 27.0	1.351	2.169	18.4	19.6

331083 2009 WM_{107} 12 20.0 50°.50 2°.8/19.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.88	+29 14.6	2.023	2.853	12.8	20.8
11 27	6 13.89	+30 4.0	1.956	2.860	9.6	20.6
12 7	6 5.56	+30 49.9	1.913	2.867	6.0	20.4
12 17	5 55.68	+31 28.5	1.899	2.875	3.0	20.2
12 27	5 45.42	+31 56.6	1.914	2.883	4.1	20.3
1 6	5 36.00	+32 13.8	1.957	2.891	7.5	20.5
1 16	5 28.48	+32 21.4	2.028	2.899	10.8	20.7
1 26	5 23.58	+32 22.5	2.122	2.907	13.7	20.9

41105 1999 VR_{67} 12 20.0 164°.24 3°.1/19.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.39	+30 49.3	2.270	3.092	11.9	19.0
11 27	6 14.15	+31 37.1	2.195	3.094	9.0	18.8
12 7	6 5.68	+32 20.7	2.144	3.095	5.8	18.6
12 17	5 55.72	+32 56.2	2.123	3.096	3.2	18.4
12 27	5 45.34	+33 21.0	2.131	3.097	4.1	18.5
1 6	5 35.69	+33 34.5	2.169	3.098	7.1	18.7
1 16	5 27.75	+33 38.2	2.234	3.098	10.2	18.9
1 26	5 22.25	+33 35.0	2.323	3.099	13.0	19.0

329913 2005 LD_{17} 12 20.0 107°.97 0°.7/20.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 26.11	+24 22.7	1.697	2.527	14.9	21.6
11 27	6 18.42	+24 41.5	1.643	2.550	10.9	21.4
12 7	6 8.13	+24 58.9	1.614	2.572	6.4	21.2
12 17	5 56.27	+25 12.1	1.612	2.594	1.6	20.9
12 27	5 44.26	+25 19.7	1.640	2.615	3.4	21.1
1 6	5 33.52	+25 22.0	1.696	2.635	7.9	21.4
1 16	5 25.14	+25 21.0	1.780	2.655	11.9	21.7
1 26	5 19.77	+25 19.0	1.886	2.674	15.1	22.0

271995 2005 CB_{34} 12 20.0 195°.25 4°.0/20.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 20.28	+36 34.9	2.502	3.311	11.3	20.9
11 27	6 13.90	+36 54.8	2.424	3.310	8.8	20.7
12 7	6 5.44	+37 5.7	2.370	3.309	6.1	20.5
12 17	5 55.65	+37 4.5	2.345	3.308	4.2	20.4
12 27	5 45.57	+36 50.0	2.349	3.306	4.6	20.5
1 6	5 36.29	+36 23.1	2.383	3.305	7.0	20.6
1 16	5 28.71	+35 46.8	2.445	3.303	9.7	20.8
1 26	5 23.48	+35 5.2	2.530	3.302	12.1	20.9

519789 2013 GX_{52} 12 20.0 130°.02 6°.2/19.8 18

11 17	6 16.86	+ 4 43.4	2.352	3.147	12.4	22.3
11 27	6 11.06	+ 3 58.5	2.288	3.157	10.0	22.1
12 7	6 3.63	+ 3 25.1	2.249	3.168	7.7	22.0
12 17	5 55.21	+ 3 5.5	2.238	3.178	6.3	21.9
12 27	5 46.62	+ 3 1.5	2.255	3.187	6.7	22.0
1 6	5 38.71	+ 3 12.6	2.300	3.196	8.6	22.1
1 16	5 32.17	+ 3 37.4	2.372	3.205	10.9	22.3
1 26	5 27.55	+ 4 13.2	2.466	3.214	13.1	22.5

300716 2007 VP_{117} 12 20.0 86°.15 2°.9/19.7 15

11 17	6 22.26	+17 53.2	1.801	2.630	14.2	21.1
11 27	6 15.27	+17 5.6	1.750	2.654	10.5	20.9
12 7	6 6.13	+16 20.7	1.723	2.678	6.5	20.7
12 17	5 55.78	+15 40.5	1.724	2.701	3.1	20.6
12 27	5 45.43	+15 6.8	1.755	2.724	4.4	20.7
1 6	5 36.22	+14 41.3	1.815	2.747	8.0	21.0
1 16	5 29.04	+14 24.9	1.901	2.769	11.6	21.2
1 26	5 24.43	+14 17.4	2.010	2.791	14.5	21.5

384685 2011 GV_{32} 12 20.0 290°.01 4°.0/19.8 18

11 17	6 23.12	+30 12.2	1.471	2.313	16.2	20.6
11 27	6 17.43	+31 4.5	1.386	2.296	12.3	20.4
12 7	6 8.24	+31 53.5	1.323	2.278	8.0	20.1
12 17	5 56.44	+32 32.7	1.286	2.261	4.3	19.8
12 27	5 43.65	+32 56.9	1.275	2.244	5.7	19.8
1 6	5 31.78	+33 4.6	1.291	2.227	10.2	20.0
1 16	5 22.54	+32 58.5	1.331	2.210	14.8	20.3
1 26	5 17.08	+32 44.1	1.392	2.194	18.8	20.5

193763 2001 LF_{12} 12 20.0 179°.27 0°.2/20.1 18

11 17	6 19.11	+26 12.6	2.650	3.470	10.5	19.8
11 27	6 12.66	+25 36.8	2.568	3.471	7.7	19.6
12 7	6 4.55	+24 56.6	2.514	3.471	4.5	19.4
12 17	5 55.43	+24 12.3	2.489	3.471	1.1	19.1
12 27	5 46.17	+23 25.0	2.496	3.471	2.4	19.3
1 6	5 37.62	+22 36.9	2.534	3.471	5.8	19.5
1 16	5 30.50	+21 50.3	2.601	3.471	8.8	19.7
1 26	5 25.35	+21 7.5	2.694	3.470	11.4	19.9

516401 2001 SN_{284} 12 20.0 9°.69 5°.6/19.8 18

11 17	6 17.09	+13 37.6	1.169	2.026	18.4	20.7
11 27	6 12.66	+12 50.2	1.112	2.028	14.1	20.5
12 7	6 5.15	+12 12.8	1.075	2.030	9.4	20.2
12 17	5 55.63	+11 49.1	1.061	2.033	5.9	20.0
12 27	5 45.72	+11 41.5	1.071	2.038	7.0	20.1
1 6	5 37.09	+11 50.2	1.106	2.044	11.3	20.4
1 16	5 31.05	+12 13.6	1.163	2.050	15.8	20.6
1 26	5 28.41	+12 48.5	1.238	2.058	19.7	20.9

463922 2014 UR_{150} 12 20.0 34°.97 3°.1/19.8 18

11 17	6 19.84	+28 48.6	1.765	2.602	14.1	20.5
11 27	6 14.07	+29 47.6	1.709	2.617	10.5	20.3
12 7	6 5.73	+30 43.1	1.678	2.634	6.5	20.1
12 17	5 55.75	+31 30.3	1.674	2.650	3.3	20.0
12 27	5 45.45	+32 5.7	1.698	2.668	4.4	20.1
1 6	5 36.18	+32 28.5	1.751	2.685	8.1	20.3
1 16	5 29.06	+32 40.4	1.829	2.704	11.6	20.6
1 26	5 24.82	+32 44.6	1.929	2.722	14.6	20.8

495048 2011 BW_{76} 12 20.0 271°.63 3°.0/19.9 17

11 17	6 16.09	+14 22.0	2.374	3.195	11.5	22.5
11 27	6 10.78	+14 7.4	2.280	3.178	8.7	22.3
12 7	6 3.64	+13 57.9	2.211	3.161	5.6	22.1
12 17	5 55.27	+13 54.6	2.170	3.144	3.2	21.9
12 27	5 46.49	+13 57.7	2.160	3.126	4.0	21.9
1 6	5 38.22	+14 7.5	2.179	3.109	7.0	22.1
1 16	5 31.28	+14 23.5	2.225	3.091	10.2	22.2
1 26	5 26.30	+14 45.1	2.295	3.073	13.1	22.4

313222 2001 SF_{338} 12 20.0 44°.03 2°.8/20.1 17

11 17	6 20.86	+30 0.7	1.683	2.521	14.7	21.1
11 27	6 14.89	+30 21.8	1.622	2.530	10.9	20.8
12 7	6 6.23	+30 36.7	1.584	2.540	6.8	20.6
12 17	5 55.87	+30 42.2	1.572	2.550	3.2	20.4
12 27	5 45.23	+30 36.5	1.588	2.560	4.3	20.5
1 6	5 35.75	+30 21.0	1.632	2.571	8.2	20.8
1 16	5 28.55	+29 58.8	1.702	2.582	12.1	21.0
1 26	5 24.37	+29 33.8	1.794	2.593	15.3	21.3

99998 1981 ED_{48} 12 20.0 161°.58 3°.7/20.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 22.73	+34 48.1	2.344	3.155	11.9	20.3
11 27	6 15.74	+35 9.8	2.270	3.160	9.1	20.1
12 7	6 6.54	+35 23.0	2.222	3.165	6.1	19.9
12 17	5 55.94	+35 24.5	2.201	3.169	3.9	19.8
12 27	5 45.06	+35 12.9	2.211	3.172	4.5	19.8
1 6	5 35.07	+34 49.3	2.250	3.176	7.1	20.0
1 16	5 26.92	+34 16.8	2.317	3.178	10.1	20.2
1 26	5 21.28	+33 39.5	2.409	3.181	12.7	20.4

284701 2008 SO_{277} 12 20.0 249°.32 5°.8/20.0 18

11 17	6 19.18	+ 8 56.5	1.764	2.584	14.9	20.8
11 27	6 13.49	+ 8 29.6	1.683	2.574	11.7	20.6
12 7	6 5.41	+ 8 14.2	1.626	2.565	8.3	20.4
12 17	5 55.71	+ 8 12.8	1.594	2.555	6.0	20.2
12 27	5 45.51	+ 8 26.8	1.590	2.545	6.7	20.2
1 6	5 36.05	+ 8 55.6	1.613	2.535	9.7	20.4
1 16	5 28.41	+ 9 37.0	1.662	2.525	13.3	20.6
1 26	5 23.37	+10 28.0	1.733	2.514	16.5	20.8

251704 1996 TJ_{26} 12 20.0 112°.31 4°.0/19.7 18

11 17	6 18.27	+13 35.4	2.042	2.865	13.0	20.9
11 27	6 12.35	+12 52.3	1.975	2.873	9.9	20.7
12 7	6 4.49	+12 15.0	1.933	2.881	6.6	20.5
12 17	5 55.44	+11 45.3	1.919	2.889	4.1	20.4
12 27	5 46.21	+11 25.2	1.935	2.896	5.0	20.5
1 6	5 37.78	+11 15.2	1.979	2.904	8.0	20.7
1 16	5 31.00	+11 15.4	2.049	2.911	11.2	20.9
1 26	5 26.46	+11 24.8	2.143	2.918	13.9	21.1

40799 1999 TW_{37} 12 20.0 218°.18 1°.0/19.9 18

11 17	6 20.76	+21 51.8	1.855	2.689	13.7	19.7
11 27	6 14.56	+21 32.4	1.777	2.685	10.1	19.4
12 7	6 5.98	+21 12.5	1.722	2.681	6.0	19.2
12 17	5 55.82	+20 51.9	1.695	2.677	1.7	18.9
12 27	5 45.30	+20 31.4	1.697	2.672	3.4	19.0
1 6	5 35.66	+20 12.1	1.728	2.668	7.8	19.3
1 16	5 27.94	+19 56.0	1.786	2.663	11.8	19.5
1 26	5 22.89	+19 44.3	1.867	2.657	15.1	19.7

449297 2013 ET_{110} 12 20.0 318°.92 4°.3/19.8 18

11 17	6 17.35	+14 22.1	1.606	2.445	15.2	21.0
11 27	6 12.36	+13 47.5	1.527	2.434	11.5	20.8
12 7	6 4.83	+13 19.4	1.471	2.424	7.6	20.5
12 17	5 55.58	+13 0.2	1.441	2.414	4.5	20.3
12 27	5 45.84	+12 51.4	1.438	2.405	5.6	20.3
1 6	5 36.93	+12 53.9	1.462	2.395	9.5	20.5
1 16	5 30.00	+13 7.2	1.510	2.387	13.5	20.8
1 26	5 25.87	+13 29.9	1.580	2.378	17.1	21.0

34850 2001 TL_{8} 12 20.0 88°.59 3°.9/20.2 17 R

11 17	6 19.61	+35 45.8	2.573	3.384	11.0	18.8
11 27	6 13.30	+36 19.1	2.509	3.397	8.5	18.6
12 7	6 5.05	+36 44.5	2.470	3.410	5.9	18.5
12 17	5 55.59	+36 58.7	2.459	3.422	4.0	18.4
12 27	5 45.90	+37 0.4	2.479	3.435	4.5	18.4
1 6	5 37.01	+36 50.1	2.527	3.448	6.7	18.6
1 16	5 29.75	+36 30.2	2.604	3.460	9.2	18.8
1 26	5 24.72	+36 4.1	2.704	3.473	11.5	19.0

514851 2008 EK_{150} 12 20.0 254°.63 0°.0/20.0 18

11 17	6 23.07	+23 32.8	1.619	2.456	15.1	23.1
11 27	6 16.83	+23 33.4	1.531	2.441	11.3	22.9
12 7	6 7.61	+23 33.4	1.466	2.426	6.7	22.6
12 17	5 56.28	+23 30.8	1.427	2.410	1.6	22.2
12 27	5 44.24	+23 24.7	1.418	2.394	3.7	22.3
1 6	5 33.07	+23 15.7	1.436	2.377	8.8	22.6
1 16	5 24.15	+23 5.8	1.480	2.360	13.5	22.8
1 26	5 18.44	+22 57.7	1.545	2.342	17.4	23.0

197117 2003 UO_{209} 12 20.0 176°.19 0°.9/20.0 18

11 17	6 16.98	+20 13.0	2.559	3.383	10.7	20.8
11 27	6 11.24	+20 14.1	2.481	3.384	7.8	20.6
12 7	6 3.81	+20 16.8	2.428	3.385	4.6	20.4
12 17	5 55.30	+20 20.4	2.404	3.386	1.4	20.1
12 27	5 46.55	+20 24.8	2.412	3.386	2.6	20.2
1 6	5 38.38	+20 29.9	2.450	3.387	5.9	20.5
1 16	5 31.56	+20 36.0	2.516	3.386	9.0	20.7
1 26	5 26.63	+20 43.6	2.606	3.386	11.6	20.8

29386 1996 JC_{5} 12 20.0 312°.54 2°.6/20.2 18

11 17	6 19.70	+16 18.3	1.447	2.291	16.3	18.3
11 27	6 14.42	+16 29.1	1.370	2.282	12.2	18.0
12 7	6 6.21	+16 48.6	1.316	2.274	7.6	17.7
12 17	5 55.95	+17 16.2	1.287	2.267	3.1	17.4
12 27	5 45.03	+17 50.4	1.285	2.259	4.6	17.5
1 6	5 35.03	+18 29.2	1.310	2.252	9.4	17.8
1 16	5 27.30	+19 11.0	1.359	2.245	14.1	18.0
1 26	5 22.78	+19 54.6	1.429	2.238	18.1	18.3

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
297978 2002 JC_{149}		12 20.0 169°.43	1°.5/19.9 18			
	h m	° ′			°	m
11 17	6 20.97	+20 24.0	2.004	2.833	13.0	21.2
11 27	6 14.47	+19 57.4	1.930	2.835	9.6	21.0
12 7	6 5.81	+19 31.3	1.880	2.838	5.8	20.8
12 17	5 55.79	+19 6.0	1.859	2.840	2.0	20.6
12 27	5 45.51	+18 42.5	1.868	2.842	3.4	20.7
1 6	5 36.09	+18 22.1	1.907	2.843	7.4	20.9
1 16	5 28.47	+18 6.3	1.972	2.844	11.0	21.1
1 26	5 23.32	+17 56.0	2.061	2.844	14.2	21.3
373135 2011 SD_{173}		12 20.0 193°.31	2°.6/19.9 15			
11 17	6 34.66	+17 34.9	1.664	2.475	16.0	23.4
11 27	6 25.08	+17 17.4	1.579	2.474	12.1	23.2
12 7	6 12.33	+17 3.0	1.518	2.471	7.5	22.9
12 17	5 57.39	+16 51.3	1.486	2.465	3.1	22.6
12 27	5 41.82	+16 42.8	1.486	2.457	4.7	22.7
1 6	5 27.34	+16 38.1	1.516	2.446	9.5	23.0
1 16	5 15.37	+16 38.5	1.575	2.433	14.1	23.2
1 26	5 6.83	+16 45.1	1.655	2.418	17.9	23.4
430607 2002 UC_{72}		12 20.0 74°.07	1°.6/19.9 18			
11 17	6 25.44	+25 6.1	1.378	2.221	17.0	20.8
11 27	6 18.50	+25 46.9	1.329	2.242	12.5	20.6
12 7	6 8.42	+26 26.6	1.303	2.263	7.4	20.4
12 17	5 56.41	+27 0.5	1.303	2.284	2.3	20.1
12 27	5 44.18	+27 25.3	1.330	2.305	4.2	20.3
1 6	5 33.43	+27 40.7	1.384	2.326	9.1	20.6
1 16	5 25.46	+27 48.8	1.464	2.346	13.5	21.0
1 26	5 21.00	+27 52.8	1.564	2.367	17.0	21.2
421064 2013 QO_{16}		12 20.0 98°.50	4°.4/19.8 17			
11 17	6 15.36	+ 9 51.1	2.440	3.252	11.5	20.9
11 27	6 9.98	+ 9 15.8	2.374	3.261	8.9	20.7
12 7	6 3.03	+ 8 48.3	2.332	3.269	6.3	20.6
12 17	5 55.12	+ 8 30.2	2.319	3.278	4.6	20.5
12 27	5 47.05	+ 8 22.8	2.335	3.287	5.1	20.6
1 6	5 39.61	+ 8 26.1	2.380	3.295	7.4	20.7
1 16	5 33.49	+ 8 39.4	2.452	3.304	9.9	20.9
1 26	5 29.19	+ 9 1.2	2.548	3.312	12.3	21.1
121318 1999 RY_{242}		12 20.0 120°.77	2°.6/20.0 18			
11 17	6 24.63	+29 29.1	2.060	2.881	13.0	20.1
11 27	6 17.20	+30 5.4	1.999	2.899	9.7	19.9
12 7	6 7.42	+30 36.9	1.964	2.917	6.0	19.8
12 17	5 56.18	+30 59.9	1.957	2.934	2.9	19.6
12 27	5 44.69	+31 12.3	1.980	2.950	3.9	19.7
1 6	5 34.21	+31 14.3	2.034	2.966	7.3	19.9
1 16	5 25.76	+31 8.3	2.114	2.981	10.6	20.2
1 26	5 20.01	+30 57.6	2.219	2.995	13.5	20.4
224925 2007 DM_{39}		12 20.0 255°.25	0°.4/20.0 18			
11 17	6 18.31	+23 53.1	2.173	3.003	12.1	20.4
11 27	6 12.59	+24 5.3	2.090	2.997	8.9	20.2
12 7	6 4.78	+24 17.1	2.032	2.991	5.2	20.0
12 17	5 55.58	+24 27.1	2.003	2.985	1.3	19.7
12 27	5 45.98	+24 34.0	2.003	2.979	2.9	19.8
1 6	5 37.07	+24 37.9	2.033	2.973	6.8	20.0
1 16	5 29.78	+24 39.7	2.091	2.967	10.3	20.2
1 26	5 24.80	+24 40.8	2.172	2.961	13.3	20.4
23531 1993 FN_{62}		12 20.0 27°.15	2°.4/19.9 18			
11 17	6 19.95	+26 20.5	1.161	2.023	18.2	17.7
11 27	6 14.96	+27 5.2	1.116	2.038	13.4	17.5
12 7	6 6.56	+27 47.8	1.092	2.054	8.0	17.2
12 17	5 56.00	+28 23.0	1.091	2.072	3.0	17.0
12 27	5 45.16	+28 47.0	1.115	2.090	4.8	17.1
1 6	5 35.90	+28 59.7	1.165	2.110	9.9	17.5
1 16	5 29.60	+29 3.5	1.237	2.131	14.5	17.8
1 26	5 27.02	+29 2.3	1.329	2.153	18.4	18.1
289419 2005 EW_{2}		12 20.0 277°.13	0°.5/20.0 18			
11 17	6 22.37	+22 15.0	1.394	2.240	16.6	21.3
11 27	6 16.69	+22 16.6	1.310	2.226	12.4	21.0
12 7	6 7.71	+22 19.4	1.249	2.211	7.4	20.6
12 17	5 56.35	+22 21.6	1.213	2.195	1.8	20.3
12 27	5 44.18	+22 22.2	1.204	2.180	4.1	20.4
1 6	5 32.98	+22 21.3	1.221	2.165	9.7	20.6
1 16	5 24.31	+22 20.6	1.263	2.150	14.8	20.9
1 26	5 19.20	+22 22.3	1.324	2.134	19.2	21.1
207072 2004 XX_{120}		12 20.0 358°.56	0°.7/20.1 18			
11 17	6 19.19	+26 9.7	1.327	2.182	16.8	19.4
11 27	6 14.22	+25 55.8	1.260	2.179	12.4	19.1
12 7	6 6.11	+25 37.3	1.214	2.177	7.4	18.8
12 17	5 55.92	+25 12.9	1.194	2.176	1.9	18.5
12 27	5 45.30	+24 43.0	1.199	2.176	4.0	18.6
1 6	5 35.96	+24 10.1	1.231	2.177	9.4	19.0
1 16	5 29.24	+23 37.9	1.286	2.179	14.2	19.2
1 26	5 25.97	+23 9.8	1.361	2.181	18.2	19.5

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
520840 2014 UF_{236}		12 20.0 327°.17	3°.0/19.9 18			
	h m	° ′			°	m
11 17	6 19.00	+30 43.3	2.201	3.027	12.1	21.4
11 27	6 13.22	+31 22.9	2.123	3.024	9.1	21.2
12 7	6 5.21	+31 58.2	2.070	3.022	5.8	21.0
12 17	5 55.70	+32 25.6	2.045	3.019	3.2	20.9
12 27	5 45.76	+32 42.7	2.050	3.017	4.1	20.9
1 6	5 36.55	+32 49.2	2.083	3.015	7.2	21.1
1 16	5 29.07	+32 46.7	2.144	3.013	10.4	21.3
1 26	5 24.05	+32 38.2	2.228	3.011	13.2	21.5
180865 2005 JW_{28}		12 20.0 190°.79	4°.5/19.9 18			
11 17	6 21.80	+12 30.6	1.719	2.543	15.0	21.4
11 27	6 15.41	+12 6.2	1.644	2.542	11.5	21.2
12 7	6 6.53	+11 50.5	1.593	2.541	7.7	21.0
12 17	5 56.02	+11 45.1	1.569	2.539	4.7	20.8
12 27	5 45.09	+11 50.7	1.573	2.537	5.6	20.9
1 6	5 35.05	+12 7.2	1.605	2.534	9.2	21.1
1 16	5 26.98	+12 33.3	1.663	2.530	13.0	21.3
1 26	5 21.67	+13 7.3	1.743	2.526	16.4	21.5
451283 2010 RO_{128}		12 20.0 48°.54	4°.7/20.5 18			
11 17	6 22.75	+35 47.4	1.740	2.565	14.8	20.6
11 27	6 16.32	+36 7.8	1.679	2.575	11.4	20.4
12 7	6 7.09	+36 16.7	1.641	2.586	7.8	20.2
12 17	5 56.13	+36 9.9	1.629	2.597	5.0	20.1
12 27	5 44.94	+35 46.0	1.646	2.608	5.6	20.1
1 6	5 35.03	+35 7.4	1.690	2.619	8.7	20.3
1 16	5 27.57	+34 19.0	1.759	2.631	12.1	20.6
1 26	5 23.25	+33 26.8	1.851	2.643	15.2	20.8
280030 2001 XS_{162}		12 20.0 34°.11	0°.3/20.1 18			
11 17	6 20.46	+21 58.3	1.183	2.042	18.1	20.0
11 27	6 15.16	+22 13.4	1.134	2.056	13.3	19.7
12 7	6 6.62	+22 31.0	1.107	2.070	7.8	19.5
12 17	5 56.03	+22 48.4	1.103	2.086	1.8	19.1
12 27	5 45.19	+23 3.7	1.125	2.103	4.1	19.3
1 6	5 35.85	+23 16.6	1.173	2.120	9.6	19.7
1 16	5 29.35	+23 28.0	1.244	2.138	14.4	20.0
1 26	5 26.42	+23 39.3	1.334	2.157	18.4	20.3
324364 2006 QO_{121}		12 20.1 159°.51	1°.3/19.9 18			
11 17	6 24.27	+21 5.7	1.654	2.487	15.1	21.1
11 27	6 17.28	+20 46.0	1.585	2.493	11.1	20.9
12 7	6 7.63	+20 26.6	1.539	2.498	6.6	20.6
12 17	5 56.28	+20 7.5	1.521	2.502	2.0	20.3
12 27	5 44.61	+19 49.2	1.531	2.506	3.8	20.5
1 6	5 34.05	+19 33.0	1.571	2.509	8.4	20.8
1 16	5 25.74	+19 20.7	1.636	2.512	12.7	21.0
1 26	5 20.44	+19 13.7	1.724	2.514	16.2	21.3
189902 2003 SN_{95}		12 20.1 76°.69	0°.9/20.1 17			
11 17	6 18.33	+26 21.9	2.200	3.030	12.0	19.8
11 27	6 12.49	+26 20.6	2.128	3.035	8.8	19.6
12 7	6 4.65	+26 16.4	2.081	3.040	5.2	19.4
12 17	5 55.55	+26 7.8	2.063	3.045	1.5	19.2
12 27	5 46.23	+25 54.7	2.074	3.050	2.8	19.3
1 6	5 37.70	+25 38.1	2.115	3.055	6.5	19.5
1 16	5 30.84	+25 19.6	2.184	3.060	9.9	19.8
1 26	5 26.26	+25 1.5	2.276	3.065	12.8	20.0
283427 2000 SB_{363}		12 20.1 38°.19	10°.0/22.9 18			
11 17	6 36.11	+46 12.5	0.992	1.818	23.4	19.5
11 27	6 27.97	+45 55.9	0.939	1.825	19.1	19.2
12 7	6 14.46	+45 3.8	0.903	1.833	14.5	19.0
12 17	5 57.85	+43 26.8	0.887	1.841	10.8	18.8
12 27	5 41.51	+41 6.0	0.895	1.850	10.4	18.9
1 6	5 28.43	+38 16.1	0.927	1.860	13.6	19.1
1 16	5 20.29	+35 17.8	0.982	1.870	18.0	19.4
1 26	5 17.48	+32 29.0	1.057	1.880	22.0	19.7
311631 2006 QS_{115}		12 20.1 21°.27	8°.2/20.2 18			
11 17	6 15.24	+ 7 26.6	1.204	2.050	18.7	19.1
11 27	6 11.02	+ 6 31.8	1.161	2.063	14.8	18.9
12 7	6 4.05	+ 5 55.2	1.137	2.078	10.9	18.8
12 17	5 55.42	+ 5 41.2	1.136	2.094	8.4	18.7
12 27	5 46.61	+ 5 51.8	1.160	2.112	9.0	18.8
1 6	5 39.09	+ 6 24.7	1.206	2.131	12.0	19.0
1 16	5 33.94	+ 7 15.6	1.275	2.151	15.5	19.2
1 26	5 31.85	+ 8 18.5	1.363	2.172	18.8	19.5
160591 1999 RD_{81}		12 20.1 93°.46	3°.1/20.1 18			
11 17	6 24.94	+30 50.8	1.788	2.614	14.4	20.5
11 27	6 17.68	+31 21.2	1.733	2.635	10.8	20.3
12 7	6 7.79	+31 44.8	1.703	2.655	6.8	20.1
12 17	5 56.30	+31 57.5	1.699	2.675	3.4	19.9
12 27	5 44.63	+31 57.6	1.725	2.695	4.4	20.0
1 6	5 34.19	+31 46.1	1.780	2.714	8.0	20.3
1 16	5 26.10	+31 26.6	1.861	2.732	11.6	20.5
1 26	5 21.02	+31 3.2	1.964	2.751	14.6	20.8

258165 2001 SC_{98} 12 20.1 89°.42 0°.1/20.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 20.75	+23 58.0	1.933	2.765	13.3	21.5
11 27	6 14.34	+23 54.7	1.873	2.781	9.7	21.3
12 7	6 5.74	+23 50.0	1.837	2.796	5.7	21.1
12 17	5 55.81	+23 42.9	1.829	2.812	1.3	20.8
12 27	5 45.72	+23 33.1	1.851	2.827	3.0	21.0
1 6	5 36.64	+23 21.6	1.902	2.842	7.1	21.3
1 16	5 29.47	+23 9.9	1.980	2.857	10.7	21.5
1 26	5 24.84	+23 0.0	2.081	2.871	13.8	21.8

240933 2006 FT_{31} 12 20.1 174°.18 0°.5/20.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.66	+24 16.4	2.041	2.869	12.8	21.9
11 27	6 15.11	+24 27.8	1.965	2.871	9.5	21.7
12 7	6 6.29	+24 38.2	1.914	2.873	5.6	21.5
12 17	5 55.98	+24 45.8	1.892	2.874	1.4	21.2
12 27	5 45.33	+24 49.4	1.899	2.875	3.0	21.3
1 6	5 35.50	+24 49.3	1.937	2.876	7.1	21.6
1 16	5 27.51	+24 46.8	2.001	2.875	10.8	21.8
1 26	5 22.05	+24 43.7	2.090	2.875	13.9	22.0

49810 1999 XH_{43} 12 20.1 233°.97 1°.0/19.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.83	+21 55.9	1.655	2.491	14.9	19.1
11 27	6 16.45	+21 38.1	1.573	2.483	11.1	18.8
12 7	6 7.30	+21 19.9	1.514	2.474	6.6	18.6
12 17	5 56.26	+21 0.8	1.482	2.465	1.8	18.2
12 27	5 44.69	+20 41.2	1.479	2.455	3.7	18.4
1 6	5 34.07	+20 22.5	1.504	2.445	8.6	18.6
1 16	5 25.63	+20 6.8	1.555	2.434	13.1	18.9
1 26	5 20.23	+19 56.0	1.628	2.423	16.8	19.1

454732 2014 TW_{81} 12 20.1 89°.53 1°.0/20.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.48	+26 46.3	2.385	3.203	11.5	21.2
11 27	6 15.13	+26 49.7	2.336	3.237	8.4	21.1
12 7	6 5.99	+26 49.5	2.314	3.270	4.9	20.9
12 17	5 55.86	+26 44.5	2.321	3.302	1.5	20.7
12 27	5 45.75	+26 34.5	2.360	3.334	2.7	20.9
1 6	5 36.59	+26 20.3	2.429	3.365	6.0	21.1
1 16	5 29.14	+26 4.0	2.527	3.395	9.0	21.4
1 26	5 23.90	+25 47.5	2.649	3.425	11.5	21.6

329481 2002 QD_{96} 12 20.1 211°.82 2°.4/20.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 16.48	+14 49.3	2.517	3.336	11.0	21.1
11 27	6 10.94	+14 53.8	2.434	3.332	8.2	20.9
12 7	6 3.71	+15 3.8	2.377	3.329	5.2	20.7
12 17	5 55.37	+15 19.3	2.349	3.325	2.6	20.5
12 27	5 46.73	+15 39.9	2.351	3.320	3.4	20.6
1 6	5 38.62	+16 4.9	2.384	3.316	6.4	20.8
1 16	5 31.79	+16 33.4	2.444	3.312	9.4	21.0
1 26	5 26.84	+17 4.8	2.530	3.307	12.0	21.1

69914 1998 ST_{158} 12 20.1 15°.18 4°.4/20.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.43	+33 42.7	1.723	2.558	14.5	18.5
11 27	6 14.00	+34 17.2	1.659	2.562	11.1	18.3
12 7	6 5.84	+34 43.1	1.618	2.567	7.4	18.1
12 17	5 55.90	+34 55.9	1.602	2.573	4.6	18.0
12 27	5 45.59	+34 53.4	1.614	2.579	5.4	18.0
1 6	5 36.38	+34 36.5	1.654	2.586	8.7	18.2
1 16	5 29.45	+34 9.0	1.718	2.594	12.2	18.5
1 26	5 25.58	+33 35.6	1.804	2.602	15.3	18.7

372801 2010 SY_{8} 12 20.1 59°.07 4°.6/20.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 27.52	+31 39.7	1.133	1.983	19.4	20.7
11 27	6 20.65	+32 18.3	1.091	2.004	14.6	20.5
12 7	6 9.91	+32 46.8	1.069	2.025	9.3	20.3
12 17	5 56.85	+32 58.5	1.071	2.047	5.0	20.1
12 27	5 43.65	+32 50.7	1.099	2.069	6.1	20.3
1 6	5 32.48	+32 26.5	1.151	2.091	10.7	20.6
1 16	5 24.81	+31 52.2	1.227	2.114	15.2	20.9
1 26	5 21.32	+31 14.8	1.322	2.136	19.0	21.2

83414 2001 SA_{39} 12 20.1 93°.29 1°.0/20.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.34	+20 23.0	1.938	2.770	13.2	19.2
11 27	6 13.38	+20 24.3	1.871	2.779	9.7	19.0
12 7	6 5.24	+20 27.6	1.829	2.787	5.7	18.8
12 17	5 55.74	+20 32.3	1.814	2.796	1.7	18.5
12 27	5 45.97	+20 37.6	1.829	2.804	3.2	18.7
1 6	5 37.08	+20 43.7	1.873	2.813	7.2	18.9
1 16	5 29.99	+20 51.0	1.944	2.821	10.9	19.2
1 26	5 25.38	+21 0.2	2.037	2.829	14.0	19.4

229796 2008 RC_{122} 12 20.1 298°.77 2°.1/20.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.33	+28 49.9	2.154	2.984	12.2	20.8
11 27	6 12.78	+29 10.2	2.069	2.974	9.1	20.6
12 7	6 4.99	+29 26.7	2.008	2.964	5.6	20.3
12 17	5 55.70	+29 36.9	1.975	2.954	2.4	20.1
12 27	5 45.97	+29 39.2	1.971	2.944	3.5	20.2
1 6	5 36.94	+29 33.7	1.997	2.934	7.1	20.4
1 16	5 29.60	+29 22.3	2.049	2.924	10.5	20.6
1 26	5 24.71	+29 7.6	2.125	2.915	13.6	20.7

66757 1999 TE_{184} 12 20.1 133°.07 6°.1/20.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 28.78	+41 34.1	2.061	2.856	13.9	19.6
11 27	6 20.50	+41 55.6	1.997	2.868	11.1	19.5
12 7	6 9.44	+42 1.9	1.956	2.879	8.3	19.3
12 17	5 56.72	+41 48.1	1.942	2.891	6.3	19.2
12 27	5 43.85	+41 12.8	1.956	2.901	6.6	19.3
1 6	5 32.33	+40 18.8	2.000	2.911	8.8	19.4
1 16	5 23.33	+39 12.0	2.070	2.921	11.5	19.6
1 26	5 17.50	+37 59.5	2.164	2.930	14.1	19.8

447618 2006 UF_{162} 12 20.1 187°.70 0°.6/20.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.47	+21 15.7	1.978	2.810	13.0	21.8
11 27	6 13.56	+21 22.2	1.902	2.810	9.6	21.6
12 7	6 5.41	+21 30.3	1.851	2.810	5.7	21.3
12 17	5 55.80	+21 38.9	1.827	2.809	1.5	21.0
12 27	5 45.83	+21 47.0	1.833	2.809	3.1	21.2
1 6	5 36.64	+21 54.6	1.868	2.808	7.2	21.4
1 16	5 29.23	+22 2.3	1.930	2.807	11.0	21.7
1 26	5 24.29	+22 10.9	2.015	2.806	14.2	21.9

197262 2003 WG_{78} 12 20.1 358°.65 1°.9/20.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.90	+28 43.8	1.931	2.767	13.1	19.9
11 27	6 12.55	+28 52.0	1.857	2.766	9.7	19.7
12 7	6 4.87	+28 55.6	1.807	2.765	6.0	19.5
12 17	5 55.67	+28 52.2	1.784	2.764	2.4	19.2
12 27	5 46.14	+28 41.0	1.790	2.764	3.5	19.3
1 6	5 37.49	+28 23.1	1.824	2.764	7.4	19.5
1 16	5 30.73	+28 0.7	1.885	2.765	11.0	19.8
1 26	5 26.58	+27 37.1	1.968	2.766	14.2	20.0

522120 2016 AG_{241} 12 20.1 98°.41 3°.6/20.7 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.75	+36 23.0	2.412	3.219	11.8	21.2
11 27	6 15.55	+36 18.1	2.348	3.234	9.0	21.0
12 7	6 6.34	+36 2.9	2.308	3.250	6.1	20.9
12 17	5 55.98	+35 35.1	2.298	3.265	3.8	20.7
12 27	5 45.56	+34 54.8	2.318	3.280	4.2	20.8
1 6	5 36.17	+34 4.5	2.367	3.294	6.7	21.0
1 16	5 28.64	+33 7.9	2.445	3.309	9.5	21.2
1 26	5 23.52	+32 9.6	2.548	3.323	12.0	21.4

274326 2008 RZ_{9} 12 20.1 203°.84 3°.4/20.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.42	+35 38.4	2.887	3.691	10.1	22.2
11 27	6 13.85	+36 0.9	2.801	3.686	7.8	22.0
12 7	6 5.43	+36 16.1	2.741	3.681	5.4	21.9
12 17	5 55.80	+36 21.3	2.711	3.675	3.6	21.7
12 27	5 45.86	+36 15.0	2.711	3.669	4.0	21.8
1 6	5 36.55	+35 57.8	2.741	3.662	6.2	21.9
1 16	5 28.68	+35 31.9	2.800	3.655	8.7	22.0
1 26	5 22.88	+35 0.5	2.884	3.647	11.0	22.2

290812 2005 VN_{102} 12 20.1 27°.27 5°.7/19.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 16.52	+ 9 31.2	1.827	2.651	14.3	20.1
11 27	6 11.34	+ 8 47.9	1.762	2.655	11.1	19.9
12 7	6 4.07	+ 8 14.9	1.720	2.659	7.9	19.8
12 17	5 55.48	+ 7 54.9	1.703	2.664	5.8	19.6
12 27	5 46.62	+ 7 49.6	1.715	2.668	6.5	19.7
1 6	5 38.59	+ 7 59.1	1.754	2.673	9.2	19.9
1 16	5 32.29	+ 8 21.9	1.818	2.679	12.4	20.1
1 26	5 28.35	+ 8 55.4	1.904	2.684	15.3	20.3

128059 2003 NW_{2} 12 20.1 40°.77 0°.9/20.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 15.89	+24 49.8	2.509	3.338	10.7	18.4
11 27	6 10.50	+25 22.8	2.449	3.355	7.8	18.2
12 7	6 3.43	+25 55.2	2.415	3.374	4.6	18.1
12 17	5 55.31	+26 25.0	2.410	3.392	1.4	17.9
12 27	5 47.00	+26 50.5	2.436	3.411	2.6	18.0
1 6	5 39.35	+27 11.2	2.491	3.429	5.8	18.2
1 16	5 33.11	+27 27.6	2.575	3.449	8.7	18.4
1 26	5 28.82	+27 40.6	2.683	3.468	11.2	18.6

77599 2001 KT_{23} 12 20.1 127°.14 4°.7/19.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.76	+36 10.8	2.413	3.222	11.7	19.1
11 27	6 15.24	+37 13.1	2.341	3.226	9.1	18.9
12 7	6 6.42	+38 8.0	2.295	3.231	6.5	18.7
12 17	5 56.06	+38 50.7	2.277	3.235	4.8	18.6
12 27	5 45.25	+39 18.1	2.289	3.239	5.4	18.7
1 6	5 35.17	+39 29.8	2.330	3.243	7.6	18.8
1 16	5 26.84	+39 27.8	2.398	3.247	10.2	19.0
1 26	5 21.02	+39 16.1	2.489	3.250	12.6	19.2

446447 2014 JN_{58} 12 20.1 288°.80 9°.2/20.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.58	+ 0 52.7	1.729	2.528	16.0	21.0
11 27	6 12.30	+ 0 0.4	1.658	2.523	13.4	20.8
12 7	6 4.74	− 0 33.9	1.609	2.518	10.8	20.6
12 17	5 55.66	− 0 45.4	1.584	2.513	9.3	20.5
12 27	5 46.18	− 0 31.6	1.584	2.508	9.7	20.5
1 6	5 37.48	+ 0 6.8	1.610	2.503	11.8	20.6
1 16	5 30.56	+ 1 6.0	1.660	2.498	14.5	20.8
1 26	5 26.16	+ 2 20.6	1.731	2.494	17.2	21.0

405726 2005 *XJ* 12 20.1 101.°71 0.°9/20.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 19.36	+25 29.4	2.101	2.932	12.4	21.3
11 27	6 13.36	+25 42.7	2.031	2.938	9.1	21.1
12 7	6 5.24	+25 54.1	1.986	2.944	5.4	20.9
12 17	5 55.77	+26 1.9	1.969	2.951	1.5	20.6
12 27	5 46.02	+26 5.0	1.982	2.957	3.0	20.7
1 6	5 37.09	+26 3.7	2.024	2.963	6.8	21.0
1 16	5 29.90	+25 59.3	2.093	2.969	10.3	21.2
1 26	5 25.12	+25 53.8	2.186	2.975	13.3	21.4

391209 2006 HD_{48} 12 20.1 182.°13 3.°3/20.0 18

11 17	6 19.80	+14 19.2	2.044	2.865	13.1	22.2
11 27	6 13.64	+14 1.3	1.967	2.866	9.9	22.0
12 7	6 5.40	+13 49.3	1.916	2.866	6.4	21.8
12 17	5 55.81	+13 44.3	1.892	2.866	3.6	21.6
12 27	5 45.91	+13 46.7	1.899	2.865	4.4	21.7
1 6	5 36.75	+13 56.4	1.934	2.864	7.8	21.9
1 16	5 29.24	+14 13.0	1.996	2.863	11.2	22.1
1 26	5 24.07	+14 35.6	2.082	2.861	14.2	22.3

191351 2003 QY_{58} 12 20.1 91.°02 5.°9/20.6 18

11 17	6 16.58	+ 4 26.6	2.284	3.081	12.7	20.1
11 27	6 10.96	+ 4 11.7	2.223	3.094	10.1	19.9
12 7	6 3.68	+ 4 9.7	2.186	3.108	7.6	19.8
12 17	5 55.38	+ 4 22.2	2.176	3.121	6.0	19.7
12 27	5 46.91	+ 4 49.5	2.194	3.135	6.3	19.8
1 6	5 39.12	+ 5 30.0	2.242	3.148	8.2	19.9
1 16	5 32.74	+ 6 21.2	2.316	3.161	10.7	20.1
1 26	5 28.30	+ 7 20.0	2.413	3.174	13.0	20.3

351038 2003 SY_{167} 12 20.1 54.°71 5.°1/20.1 18

11 17	6 19.74	+12 17.8	1.477	2.313	16.4	20.2
11 27	6 13.95	+11 43.6	1.427	2.330	12.5	20.1
12 7	6 5.65	+11 19.9	1.399	2.348	8.4	19.9
12 17	5 55.86	+11 8.7	1.396	2.366	5.3	19.7
12 27	5 45.92	+11 11.0	1.421	2.384	6.2	19.8
1 6	5 37.16	+11 26.2	1.472	2.403	9.7	20.1
1 16	5 30.62	+11 52.5	1.548	2.421	13.4	20.3
1 26	5 26.93	+12 27.2	1.644	2.440	16.6	20.6

70809 1999 VF_{68} 12 20.1 75.°38 2.°3/19.9 18

11 17	6 20.93	+18 42.8	1.658	2.495	14.9	19.5
11 27	6 14.68	+18 15.3	1.602	2.511	11.0	19.3
12 7	6 6.03	+17 50.8	1.569	2.526	6.7	19.1
12 17	5 55.95	+17 30.0	1.562	2.542	2.7	18.9
12 27	5 45.72	+17 13.9	1.584	2.557	4.1	19.0
1 6	5 36.61	+17 3.4	1.635	2.573	8.3	19.3
1 16	5 29.61	+16 59.3	1.711	2.588	12.1	19.6
1 26	5 25.36	+17 1.7	1.809	2.603	15.4	19.8

103263 2000 AB_{25} 12 20.1 304.°77 1.°0/20.2 18

11 17	6 18.55	+27 23.3	2.084	2.915	12.5	19.3
11 27	6 12.89	+27 11.4	1.999	2.906	9.2	19.0
12 7	6 5.03	+26 54.8	1.939	2.898	5.5	18.8
12 17	5 55.74	+26 32.5	1.907	2.889	1.7	18.5
12 27	5 46.09	+26 4.5	1.905	2.880	3.0	18.6
1 6	5 37.23	+25 32.4	1.931	2.872	7.0	18.8
1 16	5 30.11	+24 59.0	1.985	2.864	10.7	19.0
1 26	5 25.45	+24 26.9	2.063	2.855	13.8	19.2

40090 1998 MZ_{40} 12 20.1 126.°56 1.°3/20.2 18

11 17	6 18.27	+17 54.2	2.255	3.080	11.9	19.6
11 27	6 12.40	+18 13.3	2.182	3.086	8.8	19.4
12 7	6 4.63	+18 36.9	2.135	3.091	5.3	19.2
12 17	5 55.63	+19 3.7	2.116	3.097	1.8	19.0
12 27	5 46.34	+19 32.5	2.128	3.102	3.0	19.1
1 6	5 37.71	+20 2.2	2.169	3.107	6.5	19.3
1 16	5 30.60	+20 32.2	2.239	3.112	9.9	19.6
1 26	5 25.62	+21 2.3	2.333	3.117	12.7	19.8

302591 2002 QE_{7} 12 20.1 94.°41 8.°5/18.7 18

11 17	6 43.13	+19 22.5	0.587	1.461	28.9	20.5
11 27	6 32.55	+16 19.3	0.561	1.487	21.5	20.3
12 7	6 16.76	+13 18.7	0.552	1.512	13.8	20.0
12 17	5 58.38	+10 37.5	0.562	1.536	8.6	19.9
12 27	5 40.95	+ 8 33.1	0.594	1.560	11.2	20.1
1 6	5 27.34	+ 7 13.9	0.647	1.582	17.3	20.6
1 16	5 19.00	+ 6 37.9	0.716	1.603	23.0	21.0
1 26	5 16.18	+ 6 35.9	0.800	1.623	27.4	21.4

184607 2005 QF_{182} 12 20.1 70.°83 0.°1/20.1 18

11 17	6 19.50	+22 29.7	1.922	2.756	13.2	20.5
11 27	6 13.61	+22 52.7	1.854	2.763	9.7	20.3
12 7	6 5.46	+23 16.9	1.811	2.771	5.7	20.1
12 17	5 55.85	+23 40.3	1.796	2.779	1.4	19.8
12 27	5 45.92	+24 1.2	1.811	2.787	3.0	19.9
1 6	5 36.85	+24 18.8	1.854	2.795	7.2	20.2
1 16	5 29.63	+24 33.8	1.924	2.803	10.9	20.4
1 26	5 24.95	+24 47.1	2.017	2.810	14.1	20.7

384649 2011 FK_{2} 12 20.1 204.°70 1.°4/20.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 22.26	+18 49.4	1.966	2.792	13.3	21.5
11 27	6 15.67	+18 56.5	1.883	2.787	9.9	21.2
12 7	6 6.72	+19 7.3	1.825	2.782	6.0	21.0
12 17	5 56.17	+19 20.9	1.795	2.776	2.0	20.7
12 27	5 45.15	+19 36.2	1.795	2.769	3.4	20.8
1 6	5 34.88	+19 52.7	1.824	2.762	7.6	21.1
1 16	5 26.41	+20 10.5	1.881	2.754	11.5	21.3
1 26	5 20.51	+20 29.9	1.962	2.745	14.8	21.5

169695 2002 LK_{7} 12 20.1 134.°97 1.°0/20.2 18

11 17	6 21.65	+18 48.5	2.025	2.850	13.0	21.0
11 27	6 15.03	+19 12.6	1.956	2.860	9.6	20.8
12 7	6 6.23	+19 40.9	1.913	2.870	5.7	20.6
12 17	5 56.04	+20 11.6	1.898	2.880	1.7	20.3
12 27	5 45.53	+20 42.9	1.914	2.889	3.1	20.4
1 6	5 35.85	+21 13.7	1.960	2.898	7.1	20.7
1 16	5 27.94	+21 43.4	2.033	2.906	10.7	20.9
1 26	5 22.48	+22 12.3	2.130	2.914	13.7	21.2

271346 2003 WV_{135} 12 20.1 61.°90 2.°9/19.9 18

11 17	6 26.53	+26 59.8	1.205	2.055	18.5	19.8
11 27	6 19.72	+27 54.9	1.162	2.077	13.6	19.6
12 7	6 9.36	+28 46.8	1.140	2.099	8.3	19.4
12 17	5 56.79	+29 29.0	1.142	2.122	3.4	19.2
12 27	5 43.98	+29 57.1	1.171	2.144	5.0	19.3
1 6	5 32.92	+30 11.1	1.226	2.167	10.0	19.7
1 16	5 25.03	+30 14.2	1.304	2.190	14.6	20.0
1 26	5 21.06	+30 11.4	1.403	2.212	18.3	20.3

136334 2004 BX_{149} 12 20.1 164.°73 2.°5/20.4 18

11 17	6 23.32	+31 49.3	2.256	3.072	12.2	20.1
11 27	6 16.18	+31 48.9	2.181	3.077	9.1	19.9
12 7	6 6.86	+31 40.9	2.130	3.081	5.8	19.7
12 17	5 56.18	+31 23.3	2.109	3.085	2.8	19.6
12 27	5 45.28	+30 55.5	2.118	3.088	3.6	19.6
1 6	5 35.31	+30 19.3	2.157	3.091	6.9	19.8
1 16	5 27.19	+29 38.0	2.225	3.093	10.1	20.0
1 26	5 21.58	+28 55.6	2.316	3.095	12.9	20.2

97391 2000 AZ_{100} 12 20.1 54.°88 5.°1/20.1 18

11 17	6 21.46	+12 21.0	1.417	2.253	17.0	18.5
11 27	6 15.11	+11 47.3	1.378	2.282	12.8	18.3
12 7	6 6.26	+11 24.8	1.362	2.311	8.5	18.2
12 17	5 56.01	+11 15.2	1.371	2.341	5.3	18.1
12 27	5 45.78	+11 19.1	1.407	2.370	6.2	18.2
1 6	5 36.92	+11 35.6	1.469	2.400	9.7	18.5
1 16	5 30.39	+12 2.6	1.556	2.430	13.4	18.8
1 26	5 26.78	+12 37.3	1.664	2.459	16.5	19.0

73575 4789 *P–L* 12 20.1 135.°83 0.°5/20.1 18

11 17	6 26.88	+24 34.8	1.861	2.684	14.1	21.5
11 27	6 18.94	+24 44.0	1.799	2.702	10.3	21.3
12 7	6 8.52	+24 51.3	1.761	2.719	6.1	21.1
12 17	5 56.58	+24 54.5	1.752	2.735	1.5	20.8
12 27	5 44.44	+24 52.6	1.774	2.749	3.2	21.0
1 6	5 33.43	+24 46.3	1.825	2.763	7.5	21.3
1 16	5 24.61	+24 37.7	1.904	2.776	11.4	21.5
1 26	5 18.65	+24 29.2	2.006	2.788	14.6	21.8

523473 2017 FK_{162} 12 20.1 228.°84 0.°1/20.1 18

11 17	6 17.64	+23 42.1	2.493	3.318	10.9	22.1
11 27	6 11.91	+23 44.6	2.407	3.312	8.0	21.9
12 7	6 4.35	+23 46.3	2.347	3.305	4.7	21.7
12 17	5 55.61	+23 46.3	2.315	3.298	1.1	21.4
12 27	5 46.54	+23 44.1	2.315	3.291	2.5	21.5
1 6	5 38.06	+23 40.0	2.345	3.283	6.1	21.7
1 16	5 30.98	+23 34.9	2.403	3.276	9.3	21.9
1 26	5 25.92	+23 30.2	2.485	3.268	12.0	22.1

410812 2009 KW_{22} 12 20.1 258.°34 3.°5/19.8 18

11 17	6 18.98	+14 28.2	2.166	2.987	12.5	21.6
11 27	6 13.13	+13 57.9	2.069	2.967	9.5	21.4
12 7	6 5.21	+13 32.1	1.997	2.946	6.2	21.1
12 17	5 55.85	+13 12.2	1.953	2.925	3.6	20.9
12 27	5 45.99	+12 59.6	1.939	2.904	4.6	21.0
1 6	5 36.69	+12 55.1	1.954	2.882	7.9	21.1
1 16	5 28.87	+12 58.8	1.996	2.860	11.3	21.3
1 26	5 23.28	+13 10.5	2.062	2.837	14.4	21.4

449254 2013 DE_{12} 12 20.1 185.°57 5.°2/19.8 18

11 17	6 18.07	+ 8 25.2	2.267	3.073	12.5	21.8
11 27	6 12.18	+ 7 46.0	2.191	3.073	9.8	21.6
12 7	6 4.48	+ 7 15.7	2.140	3.073	7.1	21.4
12 17	5 55.64	+ 6 56.7	2.117	3.072	5.3	21.3
12 27	5 46.52	+ 6 50.4	2.123	3.070	5.9	21.3
1 6	5 38.05	+ 6 57.0	2.158	3.069	8.3	21.5
1 16	5 31.01	+ 7 15.5	2.219	3.066	11.0	21.7
1 26	5 26.00	+ 7 44.0	2.304	3.064	13.5	21.8

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
230753 2003 WA_{159}			12 20.1	327°.24	0°.6/20.1	18
	h m	° ′			°	m
11 17	6 17.03	+24 37.5	1.994	2.831	12.7	20.0
11 27	6 11.92	+24 49.4	1.911	2.821	9.4	19.8
12 7	6 4.56	+25 0.5	1.852	2.812	5.6	19.5
12 17	5 55.70	+25 9.0	1.821	2.803	1.5	19.2
12 27	5 46.38	+25 14.0	1.818	2.795	3.0	19.3
1 6	5 37.78	+25 15.4	1.845	2.786	7.2	19.6
1 16	5 30.91	+25 14.3	1.898	2.779	10.9	19.8
1 26	5 26.50	+25 12.3	1.974	2.771	14.2	20.0
422335 2014 SA_{216}			12 20.1	68°.38	3°.7/19.6	18
11 17	6 23.21	+31 7.1	2.196	3.014	12.4	20.7
11 27	6 16.30	+32 27.0	2.138	3.034	9.3	20.6
12 7	6 7.06	+33 42.3	2.107	3.055	6.1	20.4
12 17	5 56.29	+34 47.7	2.106	3.075	3.8	20.3
12 27	5 45.14	+35 39.2	2.134	3.095	4.7	20.4
1 6	5 34.83	+36 15.7	2.193	3.115	7.5	20.6
1 16	5 26.39	+36 38.5	2.279	3.136	10.4	20.8
1 26	5 20.55	+36 51.0	2.389	3.156	12.9	21.0
161714 2006 MH			12 20.1	87°.20	6°.0/20.7	18
11 17	6 15.79	+ 2 44.6	2.433	3.221	12.2	19.8
11 27	6 10.35	+ 2 33.1	2.370	3.233	9.9	19.7
12 7	6 3.34	+ 2 35.0	2.331	3.245	7.6	19.5
12 17	5 55.37	+ 2 51.9	2.318	3.257	6.2	19.5
12 27	5 47.23	+ 3 23.8	2.335	3.268	6.4	19.5
1 6	5 39.70	+ 4 9.3	2.380	3.280	8.1	19.6
1 16	5 33.47	+ 5 5.7	2.452	3.291	10.3	19.8
1 26	5 29.06	+ 6 9.8	2.547	3.303	12.5	20.0
295541 2008 SK_{1}			12 20.1	77°.21	6°.5/20.0	18
11 17	6 16.43	+ 3 36.9	2.299	3.093	12.7	20.7
11 27	6 10.78	+ 2 50.0	2.249	3.115	10.3	20.6
12 7	6 3.55	+ 2 15.9	2.222	3.136	8.0	20.5
12 17	5 55.41	+ 1 57.1	2.223	3.158	6.6	20.4
12 27	5 47.19	+ 1 54.9	2.252	3.180	7.0	20.5
1 6	5 39.69	+ 2 8.8	2.309	3.201	8.7	20.6
1 16	5 33.61	+ 2 36.6	2.391	3.222	10.9	20.8
1 26	5 29.42	+ 3 15.6	2.496	3.243	12.9	21.0
119270 2001 RU_{72}			12 20.1	183°.40	0°.8/20.0	18
11 17	6 22.66	+21 45.5	1.878	2.707	13.7	20.1
11 27	6 15.99	+21 35.8	1.801	2.708	10.1	19.9
12 7	6 6.91	+21 26.3	1.749	2.708	6.0	19.6
12 17	5 56.26	+21 16.3	1.725	2.707	1.6	19.4
12 27	5 45.25	+21 5.7	1.731	2.706	3.3	19.5
1 6	5 35.14	+20 55.4	1.766	2.705	7.7	19.7
1 16	5 26.99	+20 46.8	1.828	2.703	11.6	20.0
1 26	5 21.53	+20 41.5	1.913	2.700	14.9	20.2
445763 2011 WR_{105}			12 20.1	307°.18	1°.5/19.9	18
11 17	6 20.20	+21 58.8	1.812	2.647	13.9	20.5
11 27	6 14.22	+21 13.7	1.735	2.644	10.3	20.3
12 7	6 5.87	+20 26.6	1.682	2.641	6.1	20.0
12 17	5 56.01	+19 38.6	1.657	2.638	2.0	19.7
12 27	5 45.85	+18 51.8	1.661	2.635	3.7	19.9
1 6	5 36.62	+18 8.9	1.694	2.632	8.0	20.1
1 16	5 29.35	+17 32.7	1.753	2.629	11.9	20.3
1 26	5 24.73	+17 4.6	1.834	2.627	15.3	20.6
243250 2007 VY_{311}			12 20.1	209°.10	1°.7/20.2	18
11 17	6 21.11	+28 29.3	2.027	2.855	12.9	20.9
11 27	6 14.84	+28 33.5	1.948	2.853	9.6	20.7
12 7	6 6.24	+28 32.9	1.894	2.850	5.8	20.4
12 17	5 56.12	+28 25.4	1.868	2.848	2.2	20.2
12 27	5 45.64	+28 10.1	1.871	2.845	3.4	20.3
1 6	5 36.02	+27 48.3	1.904	2.842	7.2	20.5
1 16	5 28.30	+27 22.5	1.963	2.839	10.9	20.7
1 26	5 23.18	+26 56.0	2.047	2.836	14.0	20.9
488670 2003 UP_{130}			12 20.1	29°.09	1°.7/20.5	17
11 17	6 23.43	+31 14.7	1.138	1.993	18.9	19.8
11 27	6 17.30	+30 14.0	1.094	2.012	14.0	19.6
12 7	6 7.78	+28 59.9	1.072	2.033	8.4	19.4
12 17	5 56.42	+27 33.6	1.073	2.054	2.7	19.1
12 27	5 45.24	+26 0.1	1.101	2.077	4.3	19.3
1 6	5 36.03	+24 27.2	1.154	2.101	9.7	19.7
1 16	5 29.97	+23 2.5	1.231	2.126	14.5	20.0
1 26	5 27.57	+21 50.8	1.329	2.152	18.4	20.3
219984 2002 NJ_{23}			12 20.1	165°.90	1°.9/20.0	18
11 17	6 23.70	+19 7.8	1.791	2.619	14.3	21.4
11 27	6 16.76	+18 50.4	1.719	2.624	10.6	21.1
12 7	6 7.36	+18 35.4	1.672	2.628	6.4	20.9
12 17	5 56.38	+18 22.7	1.652	2.632	2.4	20.7
12 27	5 45.08	+18 12.7	1.662	2.635	3.8	20.8
1 6	5 34.76	+18 6.2	1.701	2.638	8.1	21.0
1 16	5 26.48	+18 4.1	1.767	2.639	12.1	21.3
1 26	5 20.98	+18 7.0	1.855	2.640	15.4	21.5

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
316357 2010 RW_{175}			12 20.1	89°.18	1°.9/19.9	17
	h m	° ′			°	m
11 17	6 18.99	+19 1.3	1.939	2.771	13.2	21.5
11 27	6 13.13	+18 38.3	1.870	2.777	9.8	21.3
12 7	6 5.15	+18 17.6	1.826	2.784	5.9	21.1
12 17	5 55.84	+17 59.5	1.810	2.790	2.3	20.9
12 27	5 46.30	+17 44.8	1.823	2.796	3.6	21.0
1 6	5 37.62	+17 34.5	1.865	2.803	7.5	21.2
1 16	5 30.72	+17 29.2	1.934	2.809	11.1	21.5
1 26	5 26.24	+17 29.3	2.026	2.815	14.1	21.7
56492 2000 GH_{134}			12 20.1	175°.26	4°.0/20.2	18
11 17	6 21.19	+11 0.4	2.192	3.000	12.8	20.1
11 27	6 14.54	+10 50.2	2.115	3.003	9.8	20.0
12 7	6 5.92	+10 48.4	2.064	3.006	6.6	19.8
12 17	5 56.03	+10 56.0	2.041	3.008	4.2	19.6
12 27	5 45.83	+11 13.1	2.049	3.009	4.9	19.7
1 6	5 36.33	+11 38.9	2.086	3.009	7.7	19.8
1 16	5 28.39	+12 12.1	2.151	3.009	10.9	20.0
1 26	5 22.65	+12 51.0	2.240	3.007	13.6	20.2
482612 2013 AB_{21}			12 20.1	334°.30	2°.5/20.1	17
11 17	6 19.07	+27 54.1	1.373	2.226	16.5	21.3
11 27	6 14.43	+28 21.1	1.296	2.213	12.4	21.0
12 7	6 6.52	+28 45.0	1.241	2.201	7.6	20.7
12 17	5 56.26	+29 1.5	1.210	2.190	3.1	20.4
12 27	5 45.27	+29 7.5	1.206	2.180	4.6	20.5
1 6	5 35.33	+29 3.1	1.227	2.171	9.7	20.8
1 16	5 27.98	+28 51.0	1.272	2.163	14.4	21.0
1 26	5 24.22	+28 35.4	1.336	2.155	18.5	21.2
386646 2009 SY_{271}			12 20.1	342°.81	6°.3/20.2	18
11 17	6 20.82	+34 18.7	1.152	2.007	18.8	20.1
11 27	6 16.45	+35 7.2	1.084	1.997	14.6	19.8
12 7	6 8.02	+35 45.2	1.036	1.988	10.0	19.5
12 17	5 56.67	+36 4.6	1.010	1.980	6.6	19.3
12 27	5 44.44	+36 0.1	1.008	1.973	7.5	19.3
1 6	5 33.68	+35 32.9	1.029	1.968	11.8	19.6
1 16	5 26.26	+34 49.1	1.072	1.963	16.5	19.8
1 26	5 23.25	+33 57.6	1.134	1.960	20.7	20.1
179043 2001 SL_{11}			12 20.1	108°.78	0°.3/20.1	18
11 17	6 20.52	+24 57.7	1.957	2.789	13.1	20.8
11 27	6 14.32	+24 47.9	1.887	2.795	9.7	20.5
12 7	6 5.87	+24 35.6	1.842	2.801	5.7	20.3
12 17	5 56.03	+24 19.8	1.825	2.808	1.4	20.0
12 27	5 45.95	+24 0.7	1.837	2.814	3.0	20.2
1 6	5 36.79	+23 39.6	1.879	2.819	7.1	20.4
1 16	5 29.53	+23 18.5	1.947	2.825	10.9	20.7
1 26	5 24.80	+22 59.6	2.039	2.831	14.0	20.9
291042 2005 YH_{46}			12 20.1	325°.85	2°.7/20.3	17
11 17	6 17.41	+14 26.3	2.114	2.939	12.6	20.7
11 27	6 11.93	+14 33.7	2.037	2.938	9.4	20.5
12 7	6 4.47	+14 48.2	1.985	2.937	6.0	20.3
12 17	5 55.71	+15 9.7	1.961	2.937	3.0	20.1
12 27	5 46.61	+15 37.4	1.966	2.936	3.9	20.2
1 6	5 38.16	+16 10.2	2.001	2.936	7.2	20.4
1 16	5 31.25	+16 46.7	2.063	2.935	10.6	20.6
1 26	5 26.53	+17 26.0	2.149	2.935	13.5	20.8
21056 1991 CA_{1}			12 20.1	11°.68	19°.6/28.7	17
11 17	6 25.25	−17 43.6	0.888	1.653	30.0	16.9
11 27	6 19.61	−17 29.7	0.834	1.653	27.1	16.7
12 7	6 9.82	−16 12.6	0.791	1.655	23.9	16.5
12 17	5 57.10	−13 40.1	0.764	1.658	21.1	16.3
12 27	5 43.60	− 9 51.5	0.756	1.662	19.6	16.3
1 6	5 31.68	− 5 3.7	0.769	1.667	20.4	16.4
1 16	5 23.23	+ 0 14.5	0.805	1.673	23.0	16.5
1 26	5 19.34	+ 5 33.3	0.861	1.680	26.3	16.8
454601 2014 PM_{65}			12 20.1	120°.17	3°.6/20.2	18
11 17	6 18.33	+11 42.2	2.367	3.179	11.8	21.5
11 27	6 12.24	+11 27.9	2.304	3.195	9.0	21.3
12 7	6 4.47	+11 21.1	2.266	3.210	6.0	21.2
12 17	5 55.69	+11 22.3	2.257	3.224	3.8	21.1
12 27	5 46.76	+11 31.8	2.278	3.239	4.4	21.1
1 6	5 38.52	+11 49.2	2.328	3.253	7.0	21.3
1 16	5 31.72	+12 13.3	2.407	3.266	9.8	21.5
1 26	5 26.87	+12 43.0	2.509	3.279	12.3	21.7
464853 2005 GM_{23}			12 20.1	288°.04	1°.7/20.1	18
11 17	6 17.82	+27 44.6	2.336	3.163	11.4	21.4
11 27	6 12.32	+28 5.6	2.246	3.150	8.5	21.2
12 7	6 4.76	+28 23.9	2.181	3.137	5.2	21.0
12 17	5 55.81	+28 37.4	2.145	3.124	2.0	20.8
12 27	5 46.41	+28 44.5	2.138	3.112	3.1	20.8
1 6	5 37.61	+28 45.2	2.161	3.099	6.6	21.0
1 16	5 30.33	+28 40.6	2.212	3.086	9.9	21.2
1 26	5 25.28	+28 32.9	2.287	3.073	12.8	21.4

353961 1999 VD_{71} 12 20.1 28°.64 5°.6/19.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 23.24	+31 41.6	1.340	2.185	17.2	19.7
11 27	6 17.58	+33 15.5	1.286	2.195	13.1	19.5
12 7	6 8.37	+34 43.8	1.255	2.206	8.8	19.3
12 17	5 56.72	+35 57.4	1.248	2.218	5.8	19.2
12 27	5 44.45	+36 49.5	1.268	2.230	6.9	19.3
1 6	5 33.56	+37 18.4	1.314	2.244	10.7	19.5
1 16	5 25.61	+37 27.6	1.383	2.258	14.6	19.8
1 26	5 21.56	+37 23.5	1.472	2.272	18.0	20.1

415580 2014 QJ_{300} 12 20.1 97°.93 0°.6/20.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.25	+25 10.0	2.143	2.973	12.2	21.9
11 27	6 13.26	+25 16.8	2.074	2.981	9.0	21.7
12 7	6 5.22	+25 21.9	2.030	2.989	5.3	21.5
12 17	5 55.89	+25 23.6	2.014	2.997	1.4	21.2
12 27	5 46.32	+25 21.4	2.029	3.004	2.8	21.3
1 6	5 37.56	+25 15.6	2.072	3.012	6.6	21.6
1 16	5 30.51	+25 7.8	2.144	3.020	10.1	21.8
1 26	5 25.79	+24 59.7	2.238	3.027	13.0	22.0

77790 2001 QC_{44} 12 20.1 38°.68 1°.6/20.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.22	+28 59.7	2.343	3.169	11.5	19.3
11 27	6 12.45	+29 1.5	2.267	3.170	8.5	19.1
12 7	6 4.73	+28 58.7	2.215	3.171	5.2	18.9
12 17	5 55.78	+28 49.6	2.193	3.172	2.1	18.7
12 27	5 46.57	+28 33.8	2.200	3.173	3.0	18.7
1 6	5 38.12	+28 12.4	2.237	3.175	6.4	18.9
1 16	5 31.25	+27 47.3	2.302	3.176	9.6	19.1
1 26	5 26.60	+27 21.3	2.391	3.177	12.3	19.3

402709 2006 VW_{129} 12 20.1 2°.99 0°.9/20.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.85	+21 25.4	1.785	2.624	13.9	21.1
11 27	6 13.32	+21 15.8	1.712	2.623	10.3	20.9
12 7	6 5.41	+21 7.1	1.663	2.623	6.1	20.7
12 17	5 55.96	+20 58.7	1.641	2.624	1.7	20.4
12 27	5 46.16	+20 50.8	1.648	2.624	3.4	20.5
1 6	5 37.25	+20 44.0	1.683	2.625	7.7	20.8
1 16	5 30.27	+20 39.4	1.744	2.625	11.7	21.0
1 26	5 25.94	+20 38.1	1.828	2.626	15.1	21.2

332926 2011 CT_{42} 12 20.1 301°.59 0°.2/20.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.55	+24 38.1	2.021	2.855	12.7	20.6
11 27	6 13.01	+24 10.3	1.929	2.838	9.4	20.3
12 7	6 5.23	+23 38.8	1.861	2.821	5.6	20.1
12 17	5 55.93	+23 3.6	1.822	2.804	1.4	19.7
12 27	5 46.20	+22 25.6	1.812	2.788	3.0	19.8
1 6	5 37.20	+21 46.9	1.831	2.771	7.3	20.1
1 16	5 29.93	+21 10.2	1.877	2.755	11.2	20.3
1 26	5 25.13	+20 37.9	1.946	2.739	14.5	20.4

415671 2014 RR_{9} 12 20.1 214°.42 3°.5/19.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.23	+13 47.2	2.254	3.075	12.0	21.2
11 27	6 11.66	+13 16.2	2.175	3.072	9.1	21.0
12 7	6 4.26	+12 50.5	2.121	3.069	6.0	20.8
12 17	5 55.68	+12 31.4	2.095	3.066	3.7	20.7
12 27	5 46.82	+12 20.2	2.099	3.062	4.5	20.7
1 6	5 38.59	+12 17.4	2.132	3.058	7.4	20.9
1 16	5 31.81	+12 22.9	2.192	3.055	10.5	21.1
1 26	5 27.08	+12 35.8	2.275	3.051	13.2	21.3

201699 2003 UH_{133} 12 20.1 7°.22 8°.6/20.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.41	+44 26.9	1.659	2.468	16.1	19.6
11 27	6 16.78	+45 12.9	1.596	2.469	13.3	19.5
12 7	6 7.77	+45 40.5	1.555	2.472	10.6	19.3
12 17	5 56.56	+45 42.9	1.538	2.475	8.8	19.2
12 27	5 44.94	+45 16.9	1.546	2.480	9.0	19.2
1 6	5 34.80	+44 25.0	1.579	2.485	11.1	19.4
1 16	5 27.52	+43 14.3	1.636	2.492	13.8	19.5
1 26	5 23.92	+41 53.4	1.714	2.499	16.5	19.7

101211 1998 SF_{51} 12 20.1 61°.26 4°.2/19.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.49	+15 18.5	1.359	2.203	17.2	19.5
11 27	6 15.53	+14 39.5	1.306	2.216	12.9	19.3
12 7	6 6.76	+14 7.9	1.274	2.229	8.3	19.0
12 17	5 56.28	+13 45.7	1.268	2.243	4.5	18.9
12 27	5 45.60	+13 34.5	1.288	2.257	5.7	19.0
1 6	5 36.22	+13 34.9	1.335	2.271	9.9	19.3
1 16	5 29.28	+13 46.1	1.405	2.285	14.1	19.5
1 26	5 25.50	+14 6.4	1.496	2.299	17.7	19.8

373379 2012 MJ_{5} 12 20.1 106°.84 5°.0/20.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 15.98	+ 5 20.2	2.567	3.361	11.5	20.7
11 27	6 10.46	+ 5 15.8	2.500	3.372	9.1	20.5
12 7	6 3.43	+ 5 22.8	2.458	3.382	6.8	20.4
12 17	5 55.47	+ 5 42.0	2.444	3.393	5.2	20.3
12 27	5 47.32	+ 6 13.4	2.459	3.403	5.5	20.4
1 6	5 39.75	+ 6 55.7	2.504	3.413	7.3	20.5
1 16	5 33.41	+ 7 46.8	2.576	3.423	9.7	20.7
1 26	5 28.82	+ 8 43.9	2.673	3.433	11.9	20.8

224707 2006 BW_{107} 12 20.1 58°.91 3°.9/20.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 21.30	+35 12.3	2.148	2.965	12.7	20.2
11 27	6 14.98	+35 26.6	2.074	2.967	9.7	20.0
12 7	6 6.33	+35 31.5	2.024	2.968	6.6	19.8
12 17	5 56.18	+35 23.8	2.001	2.969	4.1	19.6
12 27	5 45.75	+35 2.3	2.008	2.971	4.7	19.7
1 6	5 36.26	+34 28.5	2.044	2.972	7.5	19.9
1 16	5 28.71	+33 46.2	2.106	2.974	10.6	20.1
1 26	5 23.80	+32 59.8	2.192	2.975	13.4	20.2

189936 2003 SO_{243} 12 20.1 293°.36 0°.3/20.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.50	+22 33.3	2.136	2.969	12.2	20.3
11 27	6 12.13	+22 34.7	2.049	2.958	9.0	20.1
12 7	6 4.68	+22 36.3	1.987	2.947	5.3	19.9
12 17	5 55.81	+22 37.3	1.953	2.936	1.3	19.6
12 27	5 46.52	+22 37.1	1.949	2.925	2.9	19.7
1 6	5 37.88	+22 35.9	1.973	2.914	6.9	19.9
1 16	5 30.83	+22 34.5	2.025	2.903	10.5	20.1
1 26	5 26.07	+22 34.3	2.101	2.893	13.6	20.3

247291 2001 SM_{294} 12 20.1 102°.25 0°.3/20.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.35	+24 53.6	2.013	2.842	12.9	20.5
11 27	6 14.80	+24 48.0	1.950	2.856	9.5	20.4
12 7	6 6.11	+24 40.3	1.913	2.871	5.6	20.1
12 17	5 56.12	+24 29.1	1.903	2.886	1.4	19.9
12 27	5 45.97	+24 14.6	1.924	2.900	2.9	20.0
1 6	5 36.79	+23 57.7	1.974	2.914	6.9	20.3
1 16	5 29.48	+23 40.5	2.051	2.927	10.5	20.6
1 26	5 24.66	+23 25.0	2.152	2.941	13.5	20.8

74293 1998 SF_{140} 12 20.1 43°.12 0°.2/20.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.84	+23 42.9	1.449	2.296	16.1	19.1
11 27	6 15.00	+23 28.9	1.397	2.313	11.8	18.9
12 7	6 6.43	+23 13.6	1.368	2.329	6.9	18.6
12 17	5 56.21	+22 56.2	1.364	2.347	1.7	18.3
12 27	5 45.85	+22 37.1	1.388	2.364	3.6	18.5
1 6	5 36.81	+22 18.1	1.438	2.383	8.5	18.9
1 16	5 30.20	+22 1.3	1.514	2.401	12.8	19.2
1 26	5 26.67	+21 48.5	1.611	2.420	16.3	19.4

63878 2001 RH_{141} 12 20.1 54°.05 8°.7/20.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.00	+39 36.6	1.310	2.138	18.6	18.3
11 27	6 22.04	+41 5.7	1.268	2.158	14.8	18.1
12 7	6 11.02	+42 18.1	1.247	2.178	11.1	18.0
12 17	5 57.36	+43 3.5	1.249	2.199	8.8	17.9
12 27	5 43.33	+43 16.6	1.276	2.220	9.4	18.0
1 6	5 31.21	+42 59.6	1.328	2.242	12.1	18.2
1 16	5 22.67	+42 20.5	1.403	2.263	15.4	18.5
1 26	5 18.51	+41 29.3	1.497	2.285	18.4	18.7

148287 2000 GD_{172} 12 20.1 284°.90 0°.8/20.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.06	+25 24.6	1.504	2.348	15.8	20.1
11 27	6 16.34	+25 26.1	1.422	2.336	11.8	19.8
12 7	6 7.53	+25 24.9	1.363	2.324	7.0	19.5
12 17	5 56.56	+25 19.0	1.330	2.312	1.9	19.2
12 27	5 44.92	+25 7.2	1.324	2.300	3.8	19.3
1 6	5 34.28	+24 50.5	1.345	2.288	9.1	19.5
1 16	5 26.04	+24 31.9	1.391	2.276	13.8	19.8
1 26	5 21.17	+24 14.5	1.457	2.265	17.8	20.0

267922 2004 DZ_{10} 12 20.1 274°.11 1°.4/20.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.71	+19 42.7	1.527	2.368	15.7	20.6
11 27	6 16.03	+19 47.0	1.441	2.353	11.8	20.3
12 7	6 7.36	+19 55.3	1.378	2.338	7.1	20.0
12 17	5 56.53	+20 6.7	1.340	2.322	2.2	19.6
12 27	5 44.94	+20 19.9	1.330	2.306	4.0	19.7
1 6	5 34.17	+20 34.5	1.348	2.290	9.2	20.0
1 16	5 25.63	+20 50.7	1.390	2.274	14.0	20.2
1 26	5 20.32	+21 9.1	1.454	2.258	18.0	20.4

451944 2014 MY_{13} 12 20.1 150°.00 4°.0/19.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.04	+12 10.5	2.281	3.094	12.2	22.5
11 27	6 12.86	+11 34.7	2.211	3.102	9.3	22.3
12 7	6 4.90	+11 5.2	2.166	3.109	6.3	22.1
12 17	5 55.85	+10 43.8	2.150	3.117	4.1	22.0
12 27	5 46.59	+10 31.6	2.165	3.123	4.8	22.1
1 6	5 38.05	+10 29.1	2.208	3.129	7.5	22.2
1 16	5 31.00	+10 35.9	2.279	3.135	10.4	22.4
1 26	5 25.99	+10 50.9	2.374	3.140	13.0	22.6

269871 2000 EC_{189} 12 20.1 354°.42 8°.0/20.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 15.12	+ 0 4.7	2.098	2.886	13.9	20.4
11 27	6 10.20	− 0 30.7	2.028	2.884	11.6	20.2
12 7	6 3.45	− 0 49.6	1.980	2.883	9.5	20.1
12 17	5 55.51	− 0 48.9	1.958	2.882	8.1	20.0
12 27	5 47.29	− 0 27.0	1.962	2.882	8.4	20.0
1 6	5 39.70	+ 0 14.8	1.993	2.881	10.1	20.1
1 16	5 33.56	+ 1 13.5	2.049	2.881	12.4	20.3
1 26	5 29.47	+ 2 24.7	2.126	2.881	14.7	20.5

353681 2011 US_{285} 12 20.1 225°.97 2°.4/20.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 22.85	+28 57.6	2.117	2.939	12.6	21.1
11 27	6 16.27	+29 33.4	2.029	2.930	9.5	20.9
12 7	6 7.22	+30 6.1	1.967	2.920	5.9	20.7
12 17	5 56.46	+30 32.0	1.933	2.910	2.7	20.4
12 27	5 45.14	+30 48.3	1.929	2.899	3.8	20.5
1 6	5 34.51	+30 54.7	1.954	2.888	7.4	20.7
1 16	5 25.71	+30 52.8	2.007	2.876	11.0	20.9
1 26	5 19.56	+30 45.5	2.084	2.864	14.1	21.1

323558 2004 TH_{53} 12 20.1 110°.41 3°.1/19.9 18

11 17	6 17.49	+14 41.3	2.274	3.095	11.9	20.9
11 27	6 11.74	+14 11.7	2.206	3.104	9.0	20.7
12 7	6 4.25	+13 47.0	2.164	3.114	5.8	20.5
12 17	5 55.69	+13 28.4	2.150	3.123	3.3	20.4
12 27	5 46.95	+13 16.7	2.167	3.132	4.1	20.4
1 6	5 38.92	+13 12.5	2.212	3.141	7.0	20.6
1 16	5 32.37	+13 15.6	2.285	3.149	10.0	20.8
1 26	5 27.84	+13 25.4	2.382	3.158	12.7	21.0

377898 2006 DJ_{94} 12 20.1 164°.76 7°.3/19.9 17

11 17	6 14.42	− 6 15.3	3.289	4.022	10.5	22.2
11 27	6 9.06	− 7 0.4	3.223	4.027	9.1	22.1
12 7	6 2.53	− 7 31.9	3.180	4.032	7.9	22.0
12 17	5 55.27	− 7 47.6	3.164	4.037	7.3	22.0
12 27	5 47.85	− 7 45.9	3.175	4.041	7.5	22.0
1 6	5 40.87	− 7 27.2	3.214	4.045	8.4	22.0
1 16	5 34.84	− 6 53.3	3.278	4.048	9.6	22.1
1 26	5 30.17	− 6 6.9	3.364	4.050	11.0	22.3

310447 2000 HL_{59} 12 20.1 234°.31 1°.5/20.1 17

11 17	6 21.05	+27 17.4	2.200	3.025	12.1	21.4
11 27	6 14.79	+27 34.5	2.111	3.014	9.0	21.2
12 7	6 6.27	+27 48.9	2.047	3.003	5.5	21.0
12 17	5 56.22	+27 58.0	2.012	2.992	2.0	20.7
12 27	5 45.70	+28 0.4	2.007	2.981	3.2	20.8
1 6	5 35.85	+27 56.3	2.031	2.969	6.9	21.0
1 16	5 27.70	+27 47.2	2.084	2.956	10.5	21.2
1 26	5 21.98	+27 35.7	2.160	2.943	13.6	21.4

420434 2012 DW_{29} 12 20.1 25°.00 1°.3/20.1 17

11 17	6 19.21	+26 11.1	1.931	2.766	13.2	21.3
11 27	6 13.55	+26 30.3	1.859	2.768	9.7	21.1
12 7	6 5.55	+26 47.4	1.812	2.770	5.8	20.9
12 17	5 56.05	+27 0.2	1.792	2.773	1.9	20.6
12 27	5 46.17	+27 7.0	1.801	2.776	3.3	20.7
1 6	5 37.16	+27 8.1	1.838	2.779	7.3	21.0
1 16	5 30.01	+27 4.8	1.902	2.782	11.0	21.2
1 26	5 25.47	+26 59.5	1.990	2.785	14.2	21.4

452599 2005 MT_{25} 12 20.1 143°.22 2°.7/20.2 18

11 17	6 19.01	+14 58.6	2.157	2.979	12.5	21.4
11 27	6 13.02	+14 57.7	2.086	2.985	9.3	21.2
12 7	6 5.09	+15 2.9	2.039	2.991	5.9	21.0
12 17	5 55.92	+15 14.1	2.021	2.997	3.0	20.8
12 27	5 46.48	+15 30.9	2.033	3.003	3.8	20.9
1 6	5 37.75	+15 52.7	2.074	3.008	7.1	21.1
1 16	5 30.60	+16 18.7	2.143	3.013	10.4	21.3
1 26	5 25.62	+16 48.1	2.236	3.017	13.2	21.5

471997 2013 WF_{13} 12 20.1 68°.74 0°.6/20.1 16

11 17	6 25.04	+20 41.8	1.288	2.134	17.7	21.4
11 27	6 18.32	+21 3.8	1.242	2.156	13.0	21.2
12 7	6 8.47	+21 29.4	1.217	2.179	7.6	21.0
12 17	5 56.73	+21 55.7	1.218	2.201	1.9	20.7
12 27	5 44.82	+22 20.3	1.247	2.223	4.0	20.9
1 6	5 34.43	+22 42.1	1.301	2.245	9.2	21.2
1 16	5 26.84	+23 1.8	1.381	2.268	13.8	21.6
1 26	5 22.74	+23 20.6	1.481	2.289	17.5	21.9

17218 2000 BV_{16} 12 20.1 262°.58 0°.5/20.1 18

11 17	6 20.09	+21 27.7	1.910	2.743	13.4	18.4
11 27	6 14.30	+21 35.0	1.822	2.731	9.9	18.1
12 7	6 6.10	+21 43.9	1.759	2.718	5.9	17.9
12 17	5 56.22	+21 53.3	1.723	2.705	1.5	17.5
12 27	5 45.79	+22 2.0	1.717	2.693	3.2	17.6
1 6	5 36.07	+22 10.0	1.739	2.680	7.6	17.9
1 16	5 28.15	+22 17.7	1.788	2.666	11.6	18.1
1 26	5 22.85	+22 26.4	1.860	2.653	15.1	18.3

70556 1999 TH_{140} 12 20.1 243°.36 2°.5/20.1 18

11 17	6 22.77	+29 34.8	2.005	2.830	13.1	19.4
11 27	6 16.34	+29 59.9	1.916	2.818	9.9	19.2
12 7	6 7.33	+30 20.5	1.851	2.805	6.2	19.0
12 17	5 56.52	+30 33.3	1.814	2.791	2.9	18.7
12 27	5 45.13	+30 35.9	1.806	2.778	4.0	18.8
1 6	5 34.48	+30 28.5	1.828	2.763	7.7	19.0
1 16	5 25.77	+30 13.4	1.877	2.749	11.5	19.2
1 26	5 19.85	+29 54.1	1.949	2.734	14.8	19.4

226091 2002 OX_5 12 20.1 239°.18 0°.4/20.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 18.31	+23 31.3	2.376	3.202	11.3	20.0
11 27	6 12.45	+23 5.6	2.292	3.197	8.3	19.8
12 7	6 4.74	+22 37.8	2.234	3.192	4.9	19.6
12 17	5 55.85	+22 8.0	2.204	3.187	1.2	19.3
12 27	5 46.70	+21 37.0	2.206	3.181	2.7	19.4
1 6	5 38.22	+21 6.2	2.237	3.176	6.3	19.6
1 16	5 31.24	+20 37.6	2.297	3.170	9.6	19.8
1 26	5 26.35	+20 12.8	2.381	3.164	12.5	20.0

82400 2001 NE_6 12 20.1 109°.97 4°.5/19.7 18

11 17	6 20.09	+12 8.3	2.122	2.937	12.9	19.4
11 27	6 13.63	+11 15.2	2.063	2.955	9.8	19.3
12 7	6 5.35	+10 28.6	2.030	2.972	6.7	19.1
12 17	5 55.99	+ 9 51.0	2.024	2.988	4.6	19.0
12 27	5 46.52	+ 9 24.3	2.048	3.004	5.3	19.1
1 6	5 37.92	+ 9 9.4	2.102	3.020	8.0	19.3
1 16	5 30.94	+ 9 6.1	2.182	3.035	10.9	19.5
1 26	5 26.13	+ 9 13.0	2.285	3.050	13.5	19.7

332373 2007 EF_{183} 12 20.1 145°.25 0°.7/20.1 18

11 17	6 18.51	+20 55.2	2.286	3.112	11.7	20.9
11 27	6 12.64	+20 59.5	2.212	3.117	8.6	20.7
12 7	6 4.87	+21 5.1	2.163	3.121	5.1	20.5
12 17	5 55.90	+21 11.3	2.143	3.125	1.4	20.2
12 27	5 46.66	+21 17.5	2.154	3.129	2.7	20.3
1 6	5 38.11	+21 23.7	2.194	3.133	6.4	20.6
1 16	5 31.08	+21 30.3	2.262	3.136	9.7	20.8
1 26	5 26.19	+21 38.0	2.354	3.139	12.5	21.0

493586 2015 MV 12 20.1 213°.20 1°.8/20.0 18

11 17	6 22.63	+19 41.8	1.718	2.550	14.6	22.1
11 27	6 16.25	+19 24.1	1.638	2.546	10.9	21.9
12 7	6 7.26	+19 8.3	1.583	2.541	6.6	21.6
12 17	5 56.52	+18 54.3	1.554	2.535	2.3	21.3
12 27	5 45.31	+18 42.5	1.555	2.529	3.9	21.4
1 6	5 35.00	+18 34.0	1.584	2.523	8.4	21.7
1 16	5 26.77	+18 29.9	1.639	2.516	12.6	21.9
1 26	5 21.40	+18 30.9	1.716	2.508	16.2	22.1

154039 2002 CY_{79} 12 20.1 49°.87 1°.1/20.1 18

11 17	6 19.73	+25 59.6	1.849	2.685	13.6	19.8
11 27	6 13.93	+26 12.6	1.785	2.694	10.0	19.6
12 7	6 5.78	+26 23.4	1.744	2.703	5.9	19.3
12 17	5 56.13	+26 29.6	1.731	2.712	1.8	19.1
12 27	5 46.21	+26 30.3	1.746	2.722	3.3	19.2
1 6	5 37.24	+26 25.8	1.790	2.731	7.4	19.5
1 16	5 30.25	+26 18.1	1.861	2.741	11.1	19.7
1 26	5 25.92	+26 9.3	1.954	2.751	14.3	20.0

409599 2005 UB_{361} 12 20.1 111°.80 2°.2/20.0 18

11 17	6 18.58	+17 40.0	2.103	2.930	12.5	21.5
11 27	6 12.73	+17 18.8	2.034	2.938	9.3	21.3
12 7	6 4.93	+17 0.8	1.990	2.945	5.7	21.1
12 17	5 55.92	+16 46.5	1.974	2.952	2.5	20.9
12 27	5 46.68	+16 36.6	1.988	2.959	3.6	21.0
1 6	5 38.23	+16 31.5	2.031	2.966	7.1	21.2
1 16	5 31.40	+16 31.6	2.101	2.972	10.5	21.4
1 26	5 26.81	+16 37.0	2.194	2.979	13.4	21.7

71042 1999 XN_{77} 12 20.1 80°.27 0°.8/20.2 18

11 17	6 24.47	+18 36.9	1.760	2.587	14.6	18.9
11 27	6 17.24	+19 18.9	1.711	2.615	10.7	18.7
12 7	6 7.62	+20 5.6	1.686	2.644	6.3	18.5
12 17	5 56.56	+20 54.2	1.689	2.671	1.7	18.3
12 27	5 45.35	+21 41.5	1.723	2.699	3.3	18.5
1 6	5 35.25	+22 25.7	1.787	2.726	7.5	18.8
1 16	5 27.27	+23 6.0	1.877	2.753	11.3	19.1
1 26	5 22.06	+23 42.8	1.991	2.779	14.4	19.3

195631 2002 NG_3 12 20.1 114°.38 2°.2/20.3 17

11 17	6 20.13	+31 11.2	2.528	3.345	11.0	21.2
11 27	6 13.68	+31 16.1	2.460	3.357	8.2	21.1
12 7	6 5.40	+31 15.1	2.419	3.370	5.1	20.9
12 17	5 56.02	+31 6.3	2.406	3.382	2.5	20.7
12 27	5 46.49	+30 49.3	2.424	3.394	3.2	20.8
1 6	5 37.75	+30 25.3	2.472	3.406	6.1	21.0
1 16	5 30.60	+29 56.5	2.549	3.417	9.0	21.2
1 26	5 25.59	+29 26.0	2.650	3.428	11.5	21.4

3636 Pajdušáková 12 20.1 336°.43 3°.8/20.0 18

11 17	6 19.25	+28 52.8	1.097	1.962	18.8	16.5
11 27	6 15.35	+29 34.9	1.026	1.948	14.2	16.2
12 7	6 7.49	+30 13.7	0.974	1.935	9.0	15.9
12 17	5 56.69	+30 42.6	0.944	1.923	4.3	15.6
12 27	5 44.88	+30 56.6	0.939	1.912	5.9	15.6
1 6	5 34.35	+30 54.9	0.956	1.903	11.4	15.9
1 16	5 27.00	+30 41.3	0.996	1.895	16.7	16.2
1 26	5 24.01	+30 21.5	1.053	1.888	21.3	16.4

197960 2004 RR_{97} 12 20.1 92°.26 3°.9/20.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 21.59	+14 31.2	1.630	2.461	15.4	20.3
11 27	6 15.26	+14 2.4	1.573	2.476	11.6	20.1
12 7	6 6.52	+13 40.8	1.539	2.491	7.5	19.9
12 17	5 56.31	+13 27.9	1.531	2.505	4.2	19.7
12 27	5 45.90	+13 24.4	1.552	2.519	5.2	19.8
1 6	5 36.58	+13 30.5	1.601	2.533	8.9	20.0
1 16	5 29.37	+13 45.3	1.675	2.547	12.6	20.3
1 26	5 24.92	+14 7.6	1.771	2.561	15.9	20.5

283847 2003 UX_{136} 12 20.1 46°.68 2°.6/20.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.28	+18 0.3	1.343	2.191	17.1	20.4
11 27	6 15.31	+17 42.3	1.301	2.215	12.6	20.2
12 7	6 6.61	+17 29.9	1.280	2.239	7.6	20.0
12 17	5 56.32	+17 23.1	1.285	2.264	3.1	19.8
12 27	5 45.97	+17 22.2	1.316	2.290	4.5	20.0
1 6	5 37.04	+17 27.3	1.374	2.316	9.1	20.3
1 16	5 30.60	+17 38.1	1.456	2.342	13.3	20.6
1 26	5 27.26	+17 54.0	1.559	2.368	16.8	20.9

90715 1991 GE_{3} 12 20.1 267°.12 1°.6/20.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.78	+19 21.7	1.725	2.560	14.5	19.3
11 27	6 15.03	+19 16.3	1.637	2.546	10.8	19.1
12 7	6 6.65	+19 14.0	1.573	2.532	6.5	18.8
12 17	5 56.41	+19 14.4	1.536	2.517	2.2	18.5
12 27	5 45.55	+19 17.2	1.527	2.502	3.8	18.6
1 6	5 35.44	+19 22.5	1.547	2.487	8.4	18.8
1 16	5 27.30	+19 30.8	1.592	2.472	12.8	19.0
1 26	5 22.01	+19 42.7	1.659	2.456	16.5	19.2

188627 2005 QS_{49} 12 20.1 77°.81 1°.5/20.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 23.91	+18 59.1	1.445	2.285	16.5	20.0
11 27	6 17.25	+19 10.7	1.394	2.305	12.1	19.8
12 7	6 7.79	+19 27.2	1.366	2.325	7.2	19.5
12 17	5 56.62	+19 46.7	1.363	2.345	2.3	19.3
12 27	5 45.26	+20 7.7	1.389	2.365	3.9	19.4
1 6	5 35.21	+20 29.3	1.443	2.385	8.7	19.8
1 16	5 27.63	+20 51.3	1.521	2.404	13.0	20.1
1 26	5 23.23	+21 14.1	1.621	2.423	16.6	20.4

248700 2006 MD_{7} 12 20.1 117°.87 3°.2/20.5 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.42	+11 54.4	2.241	3.050	12.5	21.4
11 27	6 14.60	+12 7.5	2.180	3.070	9.4	21.3
12 7	6 5.95	+12 28.9	2.144	3.090	6.2	21.1
12 17	5 56.17	+12 58.4	2.138	3.109	3.5	20.9
12 27	5 46.22	+13 34.7	2.162	3.127	4.1	21.0
1 6	5 37.04	+14 16.2	2.217	3.145	7.0	21.2
1 16	5 29.43	+15 1.4	2.299	3.162	10.0	21.5
1 26	5 23.96	+15 48.5	2.407	3.179	12.7	21.7

259902 2004 EH_{2} 12 20.1 271°.99 4°.3/20.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.29	+11 36.8	1.989	2.809	13.4	20.6
11 27	6 12.84	+11 22.2	1.898	2.793	10.3	20.4
12 7	6 5.21	+11 16.4	1.831	2.776	7.0	20.2
12 17	5 56.05	+11 20.7	1.790	2.759	4.5	20.0
12 27	5 46.37	+11 35.8	1.779	2.742	5.2	20.0
1 6	5 37.26	+12 1.1	1.797	2.725	8.4	20.1
1 16	5 29.73	+12 35.3	1.840	2.707	12.0	20.3
1 26	5 24.55	+13 16.7	1.907	2.690	15.2	20.5

356806 2011 UO_{343} 12 20.1 146°.89 4°.4/20.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.22	+ 9 18.9	2.030	2.840	13.6	20.7
11 27	6 14.02	+ 9 27.1	1.958	2.846	10.5	20.5
12 7	6 5.75	+ 9 46.8	1.911	2.852	7.2	20.3
12 17	5 56.15	+10 18.5	1.891	2.857	4.7	20.2
12 27	5 46.23	+11 1.2	1.901	2.862	5.2	20.2
1 6	5 37.03	+11 52.9	1.941	2.867	8.0	20.4
1 16	5 29.48	+12 50.9	2.008	2.871	11.3	20.6
1 26	5 24.22	+13 52.7	2.098	2.875	14.1	20.8

130372 2000 GP_{149} 12 20.1 254°.27 0°.2/20.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.31	+22 35.9	2.442	3.269	11.0	21.4
11 27	6 11.78	+22 37.2	2.354	3.260	8.1	21.2
12 7	6 4.42	+22 38.4	2.292	3.251	4.8	21.0
12 17	5 55.83	+22 38.9	2.259	3.242	1.2	20.7
12 27	5 46.90	+22 38.2	2.256	3.232	2.6	20.8
1 6	5 38.55	+22 36.5	2.284	3.223	6.1	21.0
1 16	5 31.58	+22 34.7	2.339	3.214	9.4	21.2
1 26	5 26.64	+22 33.6	2.419	3.204	12.2	21.4

463018 2011 GJ_{49} 12 20.1 273°.21 9°.5/18.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 15.19	− 5 20.6	2.477	3.229	13.0	21.4
11 27	6 10.12	− 6 42.5	2.398	3.215	11.4	21.2
12 7	6 3.40	− 7 49.4	2.341	3.201	10.1	21.1
12 17	5 55.59	− 8 36.4	2.310	3.186	9.5	21.1
12 27	5 47.43	− 9 0.1	2.305	3.172	9.9	21.1
1 6	5 39.75	− 8 59.7	2.325	3.157	11.1	21.1
1 16	5 33.28	− 8 36.9	2.368	3.142	12.8	21.2
1 26	5 28.60	− 7 55.0	2.432	3.127	14.5	21.3

514699 2006 JK_{36} 12 20.1 149°.74 5°.6/20.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 19.39	+ 5 50.7	2.365	3.158	12.4	22.2
11 27	6 13.06	+ 5 18.9	2.298	3.169	9.9	22.1
12 7	6 5.04	+ 4 57.9	2.256	3.179	7.4	21.9
12 17	5 55.97	+ 4 49.8	2.242	3.188	5.8	21.8
12 27	5 46.71	+ 4 55.6	2.257	3.197	6.2	21.9
1 6	5 38.12	+ 5 14.8	2.302	3.205	8.2	22.0
1 16	5 30.95	+ 5 45.8	2.373	3.212	10.7	22.2
1 26	5 25.74	+ 6 25.9	2.468	3.219	13.0	22.4

256959 2008 ER_{77} 12 20.1 328°.41 1°.3/20.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.82	+25 51.7	1.843	2.679	13.6	21.0
11 27	6 14.19	+26 15.3	1.766	2.675	10.1	20.7
12 7	6 6.07	+26 37.6	1.713	2.672	6.1	20.5
12 17	5 56.27	+26 55.7	1.688	2.669	1.9	20.2
12 27	5 46.01	+27 7.8	1.691	2.667	3.4	20.3
1 6	5 36.58	+27 13.6	1.723	2.664	7.7	20.6
1 16	5 29.11	+27 14.5	1.781	2.661	11.6	20.8
1 26	5 24.37	+27 12.8	1.862	2.659	14.9	21.0

189201 2003 RX_{14} 12 20.1 44°.30 6°.2/19.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.97	+10 34.2	1.815	2.637	14.4	18.7
11 27	6 12.99	+ 9 0.0	1.766	2.657	11.2	18.6
12 7	6 5.03	+ 7 34.3	1.742	2.678	8.1	18.4
12 17	5 55.96	+ 6 22.0	1.745	2.700	6.3	18.3
12 27	5 46.85	+ 5 27.0	1.776	2.722	7.1	18.4
1 6	5 38.75	+ 4 51.0	1.836	2.744	9.6	18.6
1 16	5 32.48	+ 4 33.5	1.920	2.766	12.5	18.9
1 26	5 28.56	+ 4 32.2	2.025	2.789	15.0	19.1

274938 2009 SG_{219} 12 20.1 38°.65 4°.0/20.3 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.06	+13 26.7	1.599	2.435	15.3	20.6
11 27	6 12.65	+13 12.5	1.553	2.458	11.5	20.4
12 7	6 4.96	+13 7.6	1.530	2.482	7.5	20.2
12 17	5 55.96	+13 12.6	1.533	2.507	4.3	20.1
12 27	5 46.85	+13 27.6	1.564	2.532	5.1	20.2
1 6	5 38.83	+13 51.3	1.622	2.557	8.6	20.5
1 16	5 32.83	+14 21.9	1.705	2.583	12.1	20.7
1 26	5 29.43	+14 57.6	1.810	2.609	15.2	21.0

119383 2001 SC_{349} 12 20.1 129°.48 4°.4/20.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.38	+10 50.1	2.138	2.953	12.8	20.3
11 27	6 12.52	+10 22.3	2.071	2.961	9.8	20.1
12 7	6 4.81	+10 2.6	2.028	2.970	6.8	19.9
12 17	5 55.93	+ 9 52.9	2.013	2.977	4.6	19.8
12 27	5 46.83	+ 9 53.9	2.027	2.985	5.2	19.8
1 6	5 38.47	+10 5.5	2.070	2.992	7.9	20.0
1 16	5 31.65	+10 26.6	2.140	2.999	10.9	20.2
1 26	5 26.96	+10 55.4	2.233	3.005	13.5	20.4

45066 1999 XN_{32} 12 20.1 10°.54 5°.3/20.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.44	+ 8 2.4	1.600	2.422	16.0	17.6
11 27	6 13.97	+ 8 21.5	1.530	2.423	12.5	17.4
12 7	6 5.97	+ 8 57.4	1.482	2.424	8.7	17.2
12 17	5 56.27	+ 9 50.3	1.459	2.426	5.7	17.0
12 27	5 46.09	+10 58.5	1.465	2.428	6.1	17.0
1 6	5 36.76	+12 17.8	1.498	2.430	9.4	17.2
1 16	5 29.42	+13 43.6	1.557	2.433	13.2	17.5
1 26	5 24.88	+15 11.6	1.639	2.436	16.6	17.7

276237 2002 RH_{56} 12 20.1 104°.16 3°.1/20.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 27.81	+31 4.9	1.589	2.418	15.8	21.3
11 27	6 20.15	+31 20.9	1.534	2.437	11.8	21.1
12 7	6 9.51	+31 28.6	1.502	2.455	7.4	20.9
12 17	5 57.08	+31 24.1	1.496	2.473	3.6	20.7
12 27	5 44.49	+31 6.2	1.520	2.491	4.6	20.8
1 6	5 33.36	+30 37.1	1.571	2.508	8.6	21.1
1 16	5 24.90	+30 1.5	1.648	2.524	12.6	21.3
1 26	5 19.80	+29 24.6	1.747	2.540	15.9	21.6

283598 2001 YZ_{68} 12 20.1 283°.22 0°.5/20.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.65	+22 43.2	1.601	2.441	15.2	20.5
11 27	6 15.93	+23 14.9	1.520	2.432	11.3	20.2
12 7	6 7.30	+23 49.3	1.463	2.424	6.7	20.0
12 17	5 56.63	+24 23.2	1.433	2.415	1.7	19.6
12 27	5 45.27	+24 53.8	1.430	2.407	3.6	19.7
1 6	5 34.77	+25 19.5	1.456	2.398	8.6	20.0
1 16	5 26.47	+25 40.5	1.507	2.390	13.1	20.2
1 26	5 21.31	+25 58.5	1.579	2.381	16.9	20.5

428658 2008 GJ_{82} 12 20.1 120°.28 3°.0/20.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 24.17	+14 42.2	2.021	2.836	13.4	21.8
11 27	6 16.71	+14 32.5	1.965	2.860	10.0	21.6
12 7	6 7.21	+14 28.9	1.933	2.883	6.4	21.4
12 17	5 56.51	+14 31.5	1.931	2.905	3.3	21.3
12 27	5 45.70	+14 40.2	1.959	2.927	4.1	21.4
1 6	5 35.85	+14 54.5	2.017	2.947	7.5	21.6
1 16	5 27.84	+15 13.8	2.102	2.966	10.8	21.9
1 26	5 22.25	+15 37.4	2.212	2.984	13.6	22.1

360257 2000 JY_{78} 12 20.1 315°.96 0°.6/20.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 19.98	+21 8.8	1.545	2.389	15.4	19.7
11 27	6 15.01	+22 6.9	1.453	2.367	11.5	19.4
12 7	6 6.98	+23 13.0	1.384	2.345	6.9	19.1
12 17	5 56.61	+24 23.0	1.342	2.324	1.7	18.7
12 27	5 45.22	+25 31.8	1.327	2.303	3.8	18.8
1 6	5 34.43	+26 35.2	1.340	2.283	9.1	19.0
1 16	5 25.78	+27 31.1	1.378	2.264	13.9	19.3
1 26	5 20.40	+28 20.0	1.438	2.245	18.0	19.5

56567 2000 JQ_{14} 12 20.1 230°.58 0°.7/20.1 18

11 17	6 22.86	+24 8.1	1.706	2.541	14.6	19.7
11 27	6 16.63	+24 27.1	1.626	2.535	10.8	19.5
12 7	6 7.62	+24 46.1	1.569	2.529	6.4	19.2
12 17	5 56.69	+25 2.4	1.540	2.522	1.7	18.9
12 27	5 45.18	+25 14.0	1.539	2.515	3.5	19.0
1 6	5 34.56	+25 20.6	1.567	2.508	8.2	19.2
1 16	5 26.09	+25 23.6	1.621	2.500	12.5	19.5
1 26	5 20.63	+25 25.2	1.696	2.493	16.2	19.7

77463 2001 HS_{16} 12 20.1 102°.37 5°.4/20.1 18

11 17	6 26.58	+37 1.2	2.007	2.816	13.7	19.4
11 27	6 19.08	+37 58.5	1.950	2.835	10.7	19.3
12 7	6 8.87	+38 45.3	1.918	2.853	7.6	19.1
12 17	5 56.95	+39 16.1	1.913	2.871	5.5	19.0
12 27	5 44.72	+39 27.6	1.938	2.889	6.1	19.1
1 6	5 33.63	+39 20.9	1.991	2.906	8.6	19.3
1 16	5 24.84	+38 59.7	2.070	2.923	11.4	19.5
1 26	5 19.10	+38 29.6	2.172	2.939	14.0	19.7

287955 2003 UM_{103} 12 20.1 53°.78 8°.3/20.1 18

11 17	6 19.89	+ 5 28.2	1.463	2.283	17.4	19.9
11 27	6 14.03	+ 4 22.7	1.422	2.306	13.9	19.8
12 7	6 5.79	+ 3 34.5	1.402	2.330	10.5	19.6
12 17	5 56.17	+ 3 7.9	1.407	2.353	8.5	19.6
12 27	5 46.49	+ 3 5.1	1.437	2.377	9.0	19.7
1 6	5 38.02	+ 3 24.7	1.493	2.401	11.4	19.9
1 16	5 31.72	+ 4 3.1	1.572	2.425	14.4	20.1
1 26	5 28.18	+ 4 55.1	1.672	2.450	17.1	20.4

134387 1996 TB_{16} 12 20.1 33°.03 0°.1/20.2 18

11 17	6 22.13	+25 16.4	0.996	1.864	20.0	19.0
11 27	6 16.88	+24 51.8	0.953	1.878	14.7	18.8
12 7	6 7.91	+24 23.2	0.929	1.894	8.6	18.5
12 17	5 56.72	+23 50.2	0.928	1.911	2.1	18.2
12 27	5 45.41	+23 14.2	0.951	1.929	4.4	18.4
1 6	5 36.01	+22 38.9	0.998	1.948	10.5	18.8
1 16	5 29.88	+22 8.2	1.067	1.968	15.7	19.2
1 26	5 27.72	+21 44.9	1.155	1.988	19.9	19.5

169030 2001 EA_{9} 12 20.1 227°.28 1°.2/20.2 18

11 17	6 21.74	+26 10.6	1.991	2.820	13.1	21.0
11 27	6 15.49	+26 26.5	1.907	2.813	9.7	20.8
12 7	6 6.81	+26 40.3	1.848	2.806	5.8	20.5
12 17	5 56.49	+26 49.5	1.817	2.798	1.8	20.3
12 27	5 45.68	+26 52.7	1.815	2.790	3.3	20.3
1 6	5 35.64	+26 49.9	1.843	2.782	7.4	20.6
1 16	5 27.47	+26 42.9	1.898	2.774	11.2	20.8
1 26	5 21.95	+26 34.1	1.976	2.765	14.5	21.0

293971 2007 TB_{53} 12 20.1 46°.19 1°.5/20.1 18

11 17	6 20.17	+20 16.7	1.561	2.404	15.3	20.5
11 27	6 14.50	+20 6.0	1.500	2.413	11.3	20.3
12 7	6 6.23	+19 57.6	1.462	2.422	6.7	20.1
12 17	5 56.33	+19 51.3	1.450	2.431	2.1	19.8
12 27	5 46.15	+19 47.0	1.465	2.441	3.8	19.9
1 6	5 37.06	+19 45.3	1.509	2.451	8.4	20.2
1 16	5 30.17	+19 46.9	1.577	2.461	12.6	20.5
1 26	5 26.20	+19 52.4	1.667	2.472	16.1	20.7

279606 2011 ER_{24} 12 20.1 177°.90 1°.6/20.1 18

11 17	6 16.46	+18 1.6	2.569	3.392	10.7	21.3
11 27	6 11.00	+17 59.0	2.490	3.392	7.9	21.1
12 7	6 3.90	+17 59.3	2.438	3.393	4.8	20.9
12 17	5 55.75	+18 2.4	2.414	3.393	1.9	20.7
12 27	5 47.35	+18 8.2	2.420	3.393	2.9	20.8
1 6	5 39.51	+18 16.5	2.457	3.393	6.0	21.0
1 16	5 32.95	+18 27.4	2.522	3.393	9.0	21.2
1 26	5 28.23	+18 40.8	2.612	3.392	11.6	21.3

463749 2014 RV_{12} 12 20.1 120°.95 2°.7/20.9 18

11 17	6 31.28	+10 28.3	1.217	2.042	19.9	20.0
11 27	6 23.64	+12 12.4	1.148	2.049	15.1	19.7
12 7	6 12.16	+14 21.6	1.102	2.056	9.4	19.4
12 17	5 57.88	+16 49.3	1.083	2.062	3.7	19.1
12 27	5 42.65	+19 24.2	1.093	2.068	4.9	19.2
1 6	5 28.61	+21 54.0	1.133	2.074	10.6	19.5
1 16	5 17.56	+24 10.4	1.198	2.079	15.9	19.8
1 26	5 10.65	+26 10.7	1.286	2.085	20.2	20.1

369409 2009 WT_{46} 12 20.1 306°.32 1°.2/20.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 17.12	+19 4.8	2.160	2.990	12.1	20.9
11 27	6 11.85	+19 14.8	2.077	2.983	9.0	20.7
12 7	6 4.57	+19 28.2	2.019	2.977	5.4	20.4
12 17	5 55.94	+19 44.4	1.989	2.971	1.8	20.2
12 27	5 46.92	+20 2.4	1.989	2.964	3.0	20.3
1 6	5 38.51	+20 21.6	2.019	2.958	6.8	20.5
1 16	5 31.63	+20 41.8	2.075	2.952	10.3	20.7
1 26	5 26.95	+21 3.1	2.155	2.947	13.4	20.9

39715 1996 VT 12 20.1 176°.64 1°.0/20.1 18

11 17	6 24.48	+21 10.8	1.745	2.574	14.6	19.8
11 27	6 17.55	+21 1.8	1.671	2.577	10.8	19.5
12 7	6 8.02	+20 53.6	1.621	2.579	6.4	19.3
12 17	5 56.79	+20 45.5	1.598	2.580	1.8	19.0
12 27	5 45.16	+20 37.3	1.605	2.580	3.5	19.1
1 6	5 34.52	+20 29.8	1.641	2.580	8.1	19.4
1 16	5 26.01	+20 24.4	1.703	2.579	12.3	19.6
1 26	5 20.39	+20 22.5	1.788	2.578	15.8	19.9

19873 Chentao 12 20.1 343°.29 0°.8/20.2 18

11 17	6 18.37	+20 47.2	1.978	2.812	12.9	18.6
11 27	6 12.88	+20 51.6	1.902	2.811	9.6	18.4
12 7	6 5.20	+20 57.9	1.851	2.810	5.7	18.1
12 17	5 56.10	+21 5.3	1.827	2.809	1.6	17.9
12 27	5 46.62	+21 13.0	1.832	2.808	3.1	18.0
1 6	5 37.91	+21 21.0	1.866	2.807	7.2	18.2
1 16	5 30.91	+21 29.7	1.927	2.806	10.9	18.4
1 26	5 26.33	+21 39.6	2.011	2.806	14.1	18.7

16136 1999 XR_{109} 12 20.1 255°.52 2°.1/20.1 18

11 17	6 21.97	+18 38.5	1.529	2.369	15.8	18.6
11 27	6 16.12	+18 28.0	1.451	2.361	11.8	18.3
12 7	6 7.40	+18 21.5	1.394	2.353	7.2	18.0
12 17	5 56.68	+18 18.9	1.364	2.344	2.7	17.7
12 27	5 45.36	+18 20.2	1.362	2.336	4.3	17.8
1 6	5 34.98	+18 25.5	1.386	2.327	9.1	18.1
1 16	5 26.83	+18 35.3	1.436	2.318	13.7	18.3
1 26	5 21.82	+18 49.9	1.507	2.310	17.6	18.5

26724 2001 HU_{8} 12 20.1 109°.82 3°.9/19.8 18

11 17	6 17.39	+11 13.6	2.647	3.454	10.8	18.3
11 27	6 11.42	+10 30.7	2.587	3.473	8.3	18.1
12 7	6 4.02	+ 9 54.0	2.553	3.491	5.8	18.0
12 17	5 55.77	+ 9 25.0	2.548	3.509	4.0	17.9
12 27	5 47.43	+ 9 5.2	2.573	3.527	4.6	18.0
1 6	5 39.75	+ 8 55.0	2.629	3.544	6.8	18.2
1 16	5 33.33	+ 8 54.2	2.712	3.561	9.2	18.3
1 26	5 28.66	+ 9 1.7	2.820	3.577	11.4	18.5

152114 2004 RV_{209} 12 20.1 111°.57 2°.8/19.8 18

11 17	6 18.56	+16 37.5	2.188	3.013	12.2	19.7
11 27	6 12.64	+15 58.9	2.120	3.021	9.1	19.5
12 7	6 4.88	+15 23.4	2.077	3.029	5.8	19.4
12 17	5 56.00	+14 52.4	2.062	3.037	3.0	19.2
12 27	5 46.94	+14 27.3	2.077	3.045	4.0	19.3
1 6	5 38.65	+14 9.3	2.122	3.053	7.1	19.5
1 16	5 31.91	+13 58.8	2.194	3.060	10.3	19.7
1 26	5 27.31	+13 55.9	2.289	3.068	13.1	19.9

161317 2003 QQ_{15} 12 20.2 103°.86 3°.7/20.6 18

11 17	6 25.75	+34 0.0	1.796	2.618	14.6	20.6
11 27	6 18.49	+34 6.3	1.734	2.630	11.1	20.4
12 7	6 8.51	+34 2.0	1.695	2.643	7.2	20.2
12 17	5 56.89	+33 43.9	1.683	2.655	4.1	20.0
12 27	5 45.10	+33 11.2	1.700	2.667	4.8	20.1
1 6	5 34.59	+32 26.7	1.745	2.679	8.2	20.3
1 16	5 26.48	+31 35.3	1.817	2.690	11.8	20.6
1 26	5 21.47	+30 42.4	1.912	2.701	14.9	20.8

81873 2000 LT_{4} 12 20.2 196°.41 2°.4/20.1 18

11 17	6 18.79	+15 35.9	2.588	3.402	10.9	20.3
11 27	6 12.70	+15 24.4	2.503	3.399	8.1	20.1
12 7	6 4.92	+15 16.8	2.445	3.395	5.2	19.9
12 17	5 56.04	+15 13.7	2.415	3.391	2.6	19.7
12 27	5 46.88	+15 15.1	2.417	3.386	3.4	19.8
1 6	5 38.26	+15 21.3	2.450	3.380	6.3	20.0
1 16	5 30.93	+15 31.9	2.511	3.374	9.3	20.2
1 26	5 25.47	+15 46.9	2.596	3.367	11.9	20.3

284932 2010 DG_{3} 12 20.2 277°.61 1°.1/20.1 18

11 17	6 21.24	+21 49.4	1.637	2.476	14.9	20.6
11 27	6 15.51	+21 30.4	1.551	2.463	11.1	20.3
12 7	6 7.02	+21 11.0	1.489	2.449	6.7	20.0
12 17	5 56.62	+20 51.0	1.453	2.435	1.9	19.7
12 27	5 45.62	+20 30.9	1.446	2.422	3.7	19.8
1 6	5 35.48	+20 12.2	1.466	2.408	8.6	20.0
1 16	5 27.47	+19 56.8	1.512	2.394	13.1	20.3
1 26	5 22.46	+19 46.5	1.579	2.380	17.0	20.5

32048 Kathyliu 12 20.2 232.°92 0.°5/20.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 23.33	+24 43.7	1.855	2.684	13.8	19.3
11 27	6 16.84	+24 46.7	1.767	2.674	10.3	19.0
12 7	6 7.71	+24 48.0	1.704	2.662	6.1	18.8
12 17	5 56.78	+24 45.6	1.668	2.651	1.6	18.4
12 27	5 45.28	+24 38.6	1.662	2.638	3.3	18.5
1 6	5 34.60	+24 27.7	1.685	2.625	7.9	18.8
1 16	5 25.90	+24 14.7	1.735	2.612	12.0	19.0
1 26	5 20.05	+24 2.2	1.807	2.598	15.6	19.2

505651 2014 RK_{18} 12 20.2 295.°46 21.°8/16.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.73	−16 25.7	1.185	1.932	24.7	21.2
11 27	6 15.00	−19 4.6	1.135	1.922	23.2	21.1
12 7	6 6.99	−21 5.5	1.099	1.911	22.2	21.0
12 17	5 56.65	−22 14.5	1.080	1.901	21.8	20.9
12 27	5 45.58	−22 22.2	1.076	1.892	22.2	20.9
1 6	5 35.56	−21 28.6	1.088	1.882	23.4	21.0
1 16	5 28.10	−19 41.2	1.114	1.873	25.0	21.1
1 26	5 24.22	−17 12.8	1.152	1.864	26.9	21.2

420962 2013 PQ_{11} 12 20.2 126.°54 1.°3/20.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.70	+18 5.6	2.401	3.224	11.3	21.3
11 27	6 12.03	+18 22.2	2.327	3.229	8.3	21.2
12 7	6 4.58	+18 42.7	2.278	3.234	5.0	21.0
12 17	5 55.98	+19 6.1	2.258	3.238	1.8	20.7
12 27	5 47.09	+19 31.5	2.269	3.243	2.8	20.8
1 6	5 38.82	+19 57.9	2.309	3.247	6.2	21.1
1 16	5 31.94	+20 24.8	2.379	3.252	9.3	21.3
1 26	5 27.05	+20 52.0	2.472	3.256	12.1	21.5

169705 2002 LV_{36} 12 20.2 173.°64 1.°4/20.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.88	+19 11.5	2.437	3.254	11.3	21.7
11 27	6 14.28	+19 1.1	2.358	3.258	8.4	21.5
12 7	6 5.86	+18 52.4	2.306	3.261	5.1	21.3
12 17	5 56.29	+18 45.3	2.283	3.263	1.8	21.1
12 27	5 46.46	+18 39.9	2.292	3.265	2.9	21.2
1 6	5 37.30	+18 36.5	2.331	3.266	6.3	21.4
1 16	5 29.60	+18 35.8	2.399	3.266	9.5	21.6
1 26	5 23.97	+18 38.2	2.491	3.265	12.2	21.8

484480 2008 CF_{136} 12 20.2 285.°05 2.°3/20.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.11	+17 32.5	1.932	2.763	13.3	22.0
11 27	6 13.68	+17 23.0	1.834	2.739	10.0	21.8
12 7	6 5.88	+17 17.5	1.759	2.715	6.2	21.5
12 17	5 56.37	+17 16.2	1.712	2.691	2.7	21.2
12 27	5 46.21	+17 19.4	1.694	2.666	3.9	21.2
1 6	5 36.61	+17 27.1	1.704	2.642	8.0	21.4
1 16	5 28.67	+17 39.4	1.741	2.617	12.0	21.6
1 26	5 23.25	+17 56.4	1.801	2.592	15.6	21.8

52689 1998 FF_{2} 12 20.2 176.°42 10.°0/20.3 15

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 47.42	+40 56.3	1.197	2.004	21.3	21.8
11 27	6 36.94	+42 27.6	1.133	2.011	17.2	21.6
12 7	6 20.64	+43 41.3	1.089	2.015	13.0	21.4
12 17	6 0.08	+44 20.7	1.070	2.018	10.3	21.2
12 27	5 38.39	+44 15.1	1.076	2.018	10.9	21.3
1 6	5 19.15	+43 27.4	1.107	2.017	14.4	21.5
1 16	5 4.95	+42 11.3	1.162	2.013	18.6	21.7
1 26	4 56.86	+40 43.8	1.235	2.007	22.4	21.9

254760 2005 QB_{8} 12 20.2 88.°28 4.°5/20.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.75	+10 19.9	2.005	2.822	13.5	20.5
11 27	6 12.89	+10 3.7	1.946	2.837	10.3	20.4
12 7	6 5.09	+ 9 57.3	1.910	2.852	7.1	20.2
12 17	5 56.11	+10 1.9	1.902	2.867	4.7	20.1
12 27	5 46.94	+10 17.7	1.923	2.882	5.3	20.2
1 6	5 38.59	+10 43.6	1.972	2.896	8.0	20.3
1 16	5 31.88	+11 17.9	2.048	2.911	11.1	20.6
1 26	5 27.41	+11 58.6	2.147	2.925	13.8	20.8

337831 2001 VR_{56} 12 20.2 5.°44 4.°8/20.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 23.34	+33 24.5	1.358	2.201	17.2	19.6
11 27	6 17.69	+33 52.7	1.293	2.201	13.2	19.3
12 7	6 8.53	+34 10.6	1.249	2.201	8.7	19.1
12 17	5 57.02	+34 12.5	1.229	2.202	5.1	18.9
12 27	5 44.97	+33 55.8	1.235	2.203	6.0	18.9
1 6	5 34.35	+33 22.4	1.267	2.205	10.1	19.2
1 16	5 26.64	+32 38.2	1.323	2.208	14.5	19.4
1 26	5 22.75	+31 49.9	1.399	2.211	18.2	19.7

305867 2009 EC_{29} 12 20.2 193.°39 0.°8/20.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.29	+25 6.1	2.029	2.857	12.9	21.4
11 27	6 15.08	+25 22.0	1.951	2.856	9.5	21.2
12 7	6 6.56	+25 36.7	1.897	2.855	5.6	20.9
12 17	5 56.51	+25 48.0	1.872	2.854	1.6	20.6
12 27	5 46.05	+25 54.4	1.876	2.852	3.1	20.8
1 6	5 36.38	+25 56.1	1.910	2.850	7.1	21.0
1 16	5 28.52	+25 54.3	1.971	2.847	10.8	21.2
1 26	5 23.21	+25 51.1	2.056	2.845	14.0	21.4

177665 2005 EV_{34} 12 20.2 245.°93 4.°4/20.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 26.37	+33 10.1	1.469	2.303	16.6	20.1
11 27	6 19.83	+33 34.4	1.394	2.298	12.7	19.9
12 7	6 9.80	+33 48.9	1.341	2.292	8.4	19.6
12 17	5 57.35	+33 48.2	1.313	2.286	4.8	19.4
12 27	5 44.26	+33 29.1	1.312	2.280	5.7	19.4
1 6	5 32.45	+32 53.7	1.338	2.274	9.9	19.7
1 16	5 23.48	+32 7.4	1.388	2.268	14.3	19.9
1 26	5 18.31	+31 17.4	1.460	2.261	18.1	20.1

335331 2005 QO_{188} 12 20.2 106.°98 0.°9/20.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 24.91	+20 57.9	1.678	2.509	15.0	21.8
11 27	6 17.76	+20 58.4	1.622	2.529	11.0	21.6
12 7	6 8.07	+21 0.5	1.590	2.548	6.5	21.3
12 17	5 56.86	+21 3.0	1.585	2.567	1.8	21.1
12 27	5 45.47	+21 5.2	1.610	2.585	3.4	21.2
1 6	5 35.27	+21 7.3	1.663	2.603	7.9	21.5
1 16	5 27.30	+21 10.5	1.743	2.620	11.9	21.8
1 26	5 22.23	+21 15.7	1.845	2.637	15.3	22.1

439944 2001 SS_{174} 12 20.2 48.°75 8.°1/20.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.05	+ 3 39.1	1.632	2.443	16.3	20.5
11 27	6 12.65	+ 2 52.8	1.583	2.460	13.2	20.3
12 7	6 5.05	+ 2 24.0	1.557	2.478	10.2	20.2
12 17	5 56.13	+ 2 16.4	1.555	2.497	8.3	20.1
12 27	5 47.05	+ 2 31.1	1.579	2.515	8.6	20.2
1 6	5 38.98	+ 3 6.5	1.629	2.534	10.8	20.4
1 16	5 32.83	+ 3 58.6	1.703	2.554	13.6	20.6
1 26	5 29.20	+ 5 2.4	1.798	2.573	16.2	20.8

81735 2000 JZ_{41} 12 20.2 154.°14 0.°9/20.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.96	+20 53.6	2.010	2.840	12.9	20.3
11 27	6 14.00	+20 49.6	1.936	2.842	9.5	20.1
12 7	6 5.87	+20 46.9	1.887	2.845	5.7	19.9
12 17	5 56.36	+20 44.9	1.865	2.847	1.6	19.6
12 27	5 46.52	+20 43.3	1.874	2.849	3.1	19.7
1 6	5 37.48	+20 42.5	1.911	2.851	7.1	20.0
1 16	5 30.19	+20 43.2	1.976	2.853	10.8	20.2
1 26	5 25.31	+20 46.3	2.064	2.854	13.9	20.4

337555 2001 SM_{261} 12 20.2 111.°41 2.°7/20.1 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 24.66	+16 23.3	1.947	2.765	13.7	21.8
11 27	6 17.14	+16 1.9	1.894	2.792	10.2	21.7
12 7	6 7.53	+15 44.9	1.865	2.817	6.3	21.5
12 17	5 56.72	+15 32.9	1.866	2.842	3.0	21.3
12 27	5 45.85	+15 26.4	1.896	2.866	4.0	21.4
1 6	5 36.04	+15 25.6	1.957	2.889	7.6	21.7
1 16	5 28.14	+15 30.7	2.045	2.911	11.0	22.0
1 26	5 22.75	+15 41.3	2.156	2.932	13.9	22.2

42423 3085 $T\text{-}_{2}$ 12 20.2 109.°83 4.°7/20.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.15	+ 9 30.3	2.249	3.060	12.4	19.6
11 27	6 11.61	+ 9 3.5	2.182	3.069	9.6	19.5
12 7	6 4.33	+ 8 45.7	2.140	3.077	6.8	19.3
12 17	5 55.97	+ 8 38.5	2.125	3.085	4.8	19.2
12 27	5 47.39	+ 8 42.6	2.139	3.093	5.3	19.2
1 6	5 39.50	+ 8 57.8	2.183	3.101	7.7	19.4
1 16	5 33.03	+ 9 22.7	2.253	3.109	10.5	19.6
1 26	5 28.56	+ 9 55.5	2.346	3.116	13.0	19.8

443388 2014 HS_{16} 12 20.2 291.°35 0.°1/20.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.27	+23 13.1	1.666	2.504	14.7	21.2
11 27	6 15.43	+23 14.4	1.592	2.503	10.9	21.0
12 7	6 6.93	+23 15.5	1.541	2.501	6.4	20.7
12 17	5 56.65	+23 14.9	1.517	2.499	1.6	20.4
12 27	5 45.92	+23 11.8	1.521	2.498	3.4	20.5
1 6	5 36.15	+23 6.8	1.553	2.496	8.1	20.8
1 16	5 28.51	+23 1.4	1.611	2.494	12.4	21.1
1 26	5 23.81	+22 57.5	1.691	2.493	16.0	21.3

491502 2012 JA_{10} 12 20.2 176.°48 3.°6/19.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.26	+34 31.3	2.795	3.601	10.4	22.0
11 27	6 14.73	+35 20.4	2.716	3.602	8.0	21.8
12 7	6 6.25	+36 3.7	2.664	3.604	5.5	21.7
12 17	5 56.46	+36 37.5	2.641	3.605	3.7	21.5
12 27	5 46.28	+36 59.5	2.649	3.605	4.3	21.6
1 6	5 36.69	+37 9.4	2.687	3.605	6.5	21.7
1 16	5 28.55	+37 8.6	2.753	3.605	9.0	21.9
1 26	5 22.52	+37 0.0	2.844	3.604	11.2	22.0

410989 2009 UE_{25} 12 20.2 66.°75 0.°3/20.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.54	+23 51.8	2.037	2.868	12.7	21.2
11 27	6 13.58	+24 1.5	1.977	2.885	9.3	21.0
12 7	6 5.56	+24 10.6	1.943	2.902	5.4	20.8
12 17	5 56.27	+24 17.4	1.936	2.919	1.4	20.5
12 27	5 46.80	+24 21.3	1.960	2.936	2.8	20.7
1 6	5 38.22	+24 22.4	2.012	2.953	6.7	21.0
1 16	5 31.41	+24 21.9	2.092	2.970	10.2	21.2
1 26	5 26.98	+24 21.1	2.195	2.987	13.1	21.4

191447 2003 SV_{201} 12 20.2 107°.91 3°.7/20.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 17.24	+11 51.7	2.536	3.346	11.1	20.2
11 27	6 11.44	+11 22.0	2.474	3.363	8.5	20.1
12 7	6 4.13	+10 58.6	2.438	3.380	5.8	19.9
12 17	5 55.91	+10 42.7	2.430	3.396	3.8	19.8
12 27	5 47.56	+10 35.4	2.453	3.411	4.4	19.9
1 6	5 39.88	+10 36.6	2.506	3.427	6.7	20.1
1 16	5 33.50	+10 45.8	2.586	3.442	9.3	20.3
1 26	5 28.93	+11 2.0	2.691	3.457	11.6	20.5

460754 2014 VF_{28} 12 20.2 83°.08 3°.1/19.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.14	+15 11.6	2.372	3.191	11.6	21.4
11 27	6 12.14	+14 30.6	2.315	3.212	8.7	21.2
12 7	6 4.53	+13 53.7	2.284	3.233	5.6	21.1
12 17	5 56.00	+13 22.4	2.282	3.254	3.2	21.0
12 27	5 47.40	+12 58.1	2.310	3.274	4.0	21.1
1 6	5 39.56	+12 41.6	2.368	3.295	6.7	21.3
1 16	5 33.17	+12 33.1	2.453	3.315	9.5	21.5
1 26	5 28.71	+12 32.1	2.563	3.335	12.0	21.7

324698 2007 EL_{56} 12 20.2 202°.94 4°.7/20.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 16.74	+ 9 5.7	2.310	3.119	12.1	21.9
11 27	6 11.36	+ 8 40.2	2.233	3.118	9.5	21.7
12 7	6 4.23	+ 8 23.6	2.180	3.116	6.8	21.6
12 17	5 55.98	+ 8 17.7	2.155	3.114	4.9	21.4
12 27	5 47.43	+ 8 23.3	2.160	3.112	5.4	21.5
1 6	5 39.48	+ 8 40.2	2.193	3.110	7.8	21.6
1 16	5 32.89	+ 9 7.1	2.253	3.108	10.5	21.8
1 26	5 28.25	+ 9 42.1	2.336	3.106	13.1	22.0

90083 2002 VB_{115} 12 20.2 210°.21 3°.8/20.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 27.01	+33 30.7	1.785	2.606	14.7	19.8
11 27	6 19.76	+33 42.0	1.704	2.601	11.2	19.5
12 7	6 9.53	+33 43.4	1.647	2.596	7.4	19.3
12 17	5 57.31	+33 30.9	1.617	2.590	4.1	19.1
12 27	5 44.60	+33 2.6	1.615	2.583	4.9	19.1
1 6	5 33.01	+32 20.7	1.643	2.576	8.6	19.3
1 16	5 23.83	+31 30.1	1.697	2.569	12.5	19.5
1 26	5 17.92	+30 36.8	1.773	2.561	15.9	19.8

247192 2001 MN_{31} 12 20.2 184°.99 4°.1/20.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 24.95	+36 30.4	2.218	3.025	12.7	20.6
11 27	6 17.73	+36 40.1	2.139	3.025	9.8	20.4
12 7	6 8.09	+36 39.1	2.085	3.025	6.7	20.2
12 17	5 56.93	+36 24.0	2.059	3.024	4.4	20.1
12 27	5 45.47	+35 53.8	2.063	3.023	4.8	20.1
1 6	5 34.99	+35 10.2	2.096	3.022	7.6	20.3
1 16	5 26.52	+34 17.5	2.157	3.020	10.6	20.4
1 26	5 20.78	+33 20.9	2.241	3.017	13.4	20.6

485462 2011 RF_{18} 12 20.2 16°.28 10°.5/21.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.57	+44 14.9	1.104	1.941	20.7	20.3
11 27	6 17.99	+45 2.8	1.060	1.951	17.0	20.1
12 7	6 8.97	+45 25.1	1.035	1.963	13.3	19.9
12 17	5 57.17	+45 13.2	1.030	1.977	10.8	19.8
12 27	5 45.15	+44 24.2	1.048	1.992	10.9	19.9
1 6	5 35.37	+43 4.3	1.088	2.010	13.3	20.1
1 16	5 29.44	+41 25.2	1.149	2.029	16.6	20.3
1 26	5 28.03	+39 39.3	1.230	2.049	19.8	20.6

72947 2002 CZ_{19} 12 20.2 184°.04 0°.8/20.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 25.92	+24 34.6	1.698	2.529	14.9	20.0
11 27	6 18.89	+24 54.0	1.623	2.529	11.0	19.8
12 7	6 9.01	+25 12.7	1.571	2.529	6.6	19.5
12 17	5 57.20	+25 27.6	1.547	2.529	1.8	19.2
12 27	5 44.87	+25 36.7	1.552	2.528	3.5	19.3
1 6	5 33.55	+25 40.0	1.586	2.526	8.3	19.6
1 16	5 24.48	+25 39.1	1.646	2.523	12.5	19.8
1 26	5 18.54	+25 36.9	1.728	2.519	16.1	20.1

458078 2010 AR_{41} 12 20.2 22°.92 2°.1/20.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.69	+13 31.6	1.448	2.288	16.5	20.1
11 27	6 14.34	+14 44.8	1.396	2.305	12.3	19.9
12 7	6 6.29	+16 11.8	1.367	2.324	7.5	19.7
12 17	5 56.52	+17 48.1	1.364	2.344	2.9	19.4
12 27	5 46.38	+19 27.8	1.389	2.365	3.9	19.5
1 6	5 37.34	+21 5.0	1.443	2.387	8.5	19.9
1 16	5 30.53	+22 35.6	1.523	2.411	12.7	20.2
1 26	5 26.73	+23 57.7	1.625	2.435	16.2	20.5

399623 2004 GJ_{85} 12 20.2 184°.24 2°.3/20.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.02	+29 2.4	2.308	3.128	11.8	21.9
11 27	6 15.51	+29 41.0	2.229	3.128	8.8	21.7
12 7	6 6.81	+30 16.4	2.175	3.128	5.5	21.5
12 17	5 56.65	+30 45.3	2.150	3.127	2.6	21.3
12 27	5 46.05	+31 5.4	2.156	3.126	3.6	21.4
1 6	5 36.15	+31 16.0	2.192	3.125	6.8	21.6
1 16	5 27.92	+31 18.7	2.255	3.123	10.0	21.8
1 26	5 22.07	+31 16.0	2.343	3.121	12.8	22.0

151653 2002 XB_{94} 12 20.2 22°.46 5°.2/20.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 24.22	+33 45.8	1.262	2.107	18.1	20.0
11 27	6 18.53	+34 17.8	1.202	2.111	13.9	19.7
12 7	6 9.12	+34 38.6	1.163	2.115	9.2	19.5
12 17	5 57.25	+34 41.9	1.148	2.120	5.5	19.3
12 27	5 44.89	+34 24.8	1.158	2.126	6.4	19.3
1 6	5 34.12	+33 49.8	1.194	2.132	10.6	19.6
1 16	5 26.50	+33 3.2	1.252	2.139	15.0	19.9
1 26	5 22.90	+32 12.6	1.331	2.146	18.8	20.1

491577 2012 RD_{22} 12 20.2 78°.82 3°.1/20.2 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 26.12	+29 31.7	1.508	2.344	16.2	21.3
11 27	6 19.15	+30 10.3	1.456	2.363	12.0	21.1
12 7	6 9.12	+30 43.0	1.427	2.382	7.5	20.9
12 17	5 57.20	+31 5.0	1.424	2.402	3.6	20.7
12 27	5 45.03	+31 13.5	1.449	2.421	4.7	20.8
1 6	5 34.26	+31 9.4	1.502	2.440	8.9	21.1
1 16	5 26.16	+30 56.2	1.580	2.458	12.9	21.4
1 26	5 21.47	+30 38.5	1.679	2.477	16.3	21.7

376112 2010 XU_{14} 12 20.2 68°.29 1°.5/20.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 25.52	+18 37.6	1.225	2.072	18.4	20.9
11 27	6 18.88	+18 59.3	1.180	2.094	13.6	20.6
12 7	6 9.01	+19 27.5	1.155	2.116	8.1	20.4
12 17	5 57.17	+19 59.6	1.156	2.138	2.5	20.1
12 27	5 45.13	+20 32.7	1.183	2.159	4.2	20.3
1 6	5 34.65	+21 5.0	1.237	2.181	9.6	20.7
1 16	5 27.03	+21 36.2	1.315	2.203	14.3	21.0
1 26	5 22.99	+22 6.5	1.413	2.225	18.1	21.3

152211 2005 QH_{176} 12 20.2 353°.33 5°.4/20.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 23.88	+33 44.6	1.338	2.181	17.4	19.4
11 27	6 18.29	+34 28.8	1.272	2.178	13.4	19.2
12 7	6 9.04	+35 3.5	1.226	2.177	9.1	18.9
12 17	5 57.26	+35 21.7	1.204	2.175	5.7	18.7
12 27	5 44.81	+35 19.3	1.208	2.174	6.6	18.8
1 6	5 33.75	+34 57.5	1.238	2.174	10.6	19.0
1 16	5 25.68	+34 21.6	1.291	2.174	14.9	19.3
1 26	5 21.58	+33 38.9	1.364	2.174	18.7	19.5

217479 2005 XV_{116} 12 20.2 206°.31 1°.4/20.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.95	+19 34.2	1.988	2.814	13.2	21.3
11 27	6 15.56	+19 27.9	1.905	2.809	9.8	21.1
12 7	6 6.89	+19 23.7	1.848	2.804	5.9	20.8
12 17	5 56.68	+19 21.4	1.818	2.799	2.0	20.6
12 27	5 46.04	+19 20.7	1.818	2.793	3.4	20.7
1 6	5 36.15	+19 21.8	1.848	2.786	7.5	20.9
1 16	5 28.03	+19 25.5	1.905	2.778	11.3	21.1
1 26	5 22.43	+19 32.3	1.985	2.771	14.5	21.3

103532 2000 BT_{12} 12 20.2 106°.26 0°.4/20.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 25.46	+22 1.6	1.693	2.523	14.9	20.1
11 27	6 18.18	+22 7.4	1.638	2.544	10.9	19.9
12 7	6 8.36	+22 13.9	1.606	2.565	6.4	19.7
12 17	5 57.01	+22 19.4	1.603	2.585	1.6	19.4
12 27	5 45.49	+22 23.1	1.628	2.604	3.3	19.6
1 6	5 35.17	+22 25.1	1.683	2.623	7.8	19.9
1 16	5 27.10	+22 26.7	1.764	2.641	11.8	20.2
1 26	5 21.94	+22 29.5	1.868	2.659	15.1	20.4

172273 2002 TP_{89} 12 20.2 102°.80 3°.0/20.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 23.28	+31 24.9	1.889	2.715	13.8	20.5
11 27	6 16.69	+31 43.5	1.823	2.724	10.4	20.3
12 7	6 7.56	+31 55.1	1.781	2.733	6.6	20.1
12 17	5 56.83	+31 56.4	1.766	2.742	3.4	20.0
12 27	5 45.81	+31 45.8	1.780	2.750	4.2	20.0
1 6	5 35.85	+31 24.7	1.824	2.759	7.8	20.3
1 16	5 28.04	+30 56.5	1.893	2.767	11.3	20.5
1 26	5 23.07	+30 25.2	1.986	2.775	14.4	20.7

366207 2012 RJ_{24} 12 20.2 33°.20 3°.9/20.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 23.04	+30 39.1	1.293	2.142	17.5	20.4
11 27	6 17.42	+31 17.2	1.238	2.151	13.2	20.2
12 7	6 8.36	+31 48.2	1.205	2.161	8.4	20.0
12 17	5 57.06	+32 6.6	1.195	2.172	4.3	19.8
12 27	5 45.36	+32 9.0	1.212	2.183	5.5	19.9
1 6	5 35.14	+31 56.8	1.254	2.195	9.9	20.1
1 16	5 27.85	+31 34.4	1.320	2.208	14.3	20.4
1 26	5 24.32	+31 7.3	1.406	2.221	18.0	20.7

520576 2014 NG_{71} 12 20.2 124°.33 0°.2/20.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.22	+23 21.0	2.119	2.948	12.4	22.1
11 27	6 14.08	+23 15.3	2.049	2.955	9.1	21.9
12 7	6 5.89	+23 8.8	2.004	2.962	5.4	21.7
12 17	5 56.42	+23 0.5	1.987	2.969	1.3	21.4
12 27	5 46.70	+22 50.3	2.000	2.976	2.8	21.6
1 6	5 37.80	+22 39.2	2.043	2.983	6.7	21.8
1 16	5 30.61	+22 28.3	2.113	2.989	10.2	22.1
1 26	5 25.75	+22 19.2	2.207	2.996	13.2	22.3

474807 2005 SZ_{11} 12 20.2 77°.54 1°.0/20.2 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 24.95	+20 52.3	1.458	2.297	16.4	21.8
11 27	6 18.03	+20 52.9	1.410	2.321	12.0	21.6
12 7	6 8.34	+20 55.8	1.385	2.345	7.1	21.4
12 17	5 57.01	+20 59.4	1.386	2.368	2.0	21.1
12 27	5 45.56	+21 3.0	1.416	2.392	3.7	21.3
1 6	5 35.51	+21 6.9	1.472	2.415	8.5	21.6
1 16	5 27.96	+21 12.0	1.555	2.437	12.8	21.9
1 26	5 23.56	+21 19.4	1.659	2.460	16.3	22.2

261767 2006 BS_{67} 12 20.2 72°.49 4°.6/20.8 17

11 17	6 23.37	+37 19.0	2.081	2.893	13.2	20.2
11 27	6 16.61	+37 33.9	2.018	2.905	10.2	20.0
12 7	6 7.43	+37 37.3	1.980	2.918	7.1	19.8
12 17	5 56.80	+37 25.8	1.968	2.931	4.8	19.7
12 27	5 45.99	+36 58.5	1.986	2.944	5.2	19.8
1 6	5 36.30	+36 17.4	2.032	2.957	7.8	19.9
1 16	5 28.73	+35 26.9	2.105	2.970	10.8	20.2
1 26	5 23.92	+34 32.4	2.201	2.982	13.4	20.4

119818 2002 AO_{172} 12 20.2 108°.26 1°.0/20.2 18

11 17	6 20.25	+25 43.8	2.092	2.921	12.5	20.2
11 27	6 14.22	+25 56.8	2.021	2.927	9.2	20.0
12 7	6 6.03	+26 8.0	1.976	2.934	5.5	19.8
12 17	5 56.47	+26 15.2	1.958	2.940	1.6	19.5
12 27	5 46.62	+26 17.4	1.971	2.946	3.0	19.6
1 6	5 37.58	+26 15.0	2.013	2.952	6.8	19.9
1 16	5 30.30	+26 9.3	2.082	2.958	10.3	20.1
1 26	5 25.45	+26 2.5	2.174	2.964	13.3	20.3

239014 2006 DW_{52} 12 20.2 247°.19 0°.8/20.1 18

11 17	6 22.90	+22 47.0	2.019	2.845	13.0	21.0
11 27	6 16.36	+22 20.0	1.923	2.827	9.7	20.7
12 7	6 7.43	+21 50.8	1.852	2.809	5.8	20.4
12 17	5 56.85	+21 19.0	1.809	2.791	1.6	20.1
12 27	5 45.75	+20 45.8	1.796	2.772	3.2	20.2
1 6	5 35.36	+20 12.8	1.814	2.752	7.6	20.4
1 16	5 26.75	+19 42.6	1.859	2.731	11.6	20.6
1 26	5 20.72	+19 17.3	1.927	2.711	15.0	20.8

51941 2001 QT_{175} 12 20.2 339°.14 5°.0/20.2 17

11 17	6 14.26	+13 24.5	1.278	2.134	17.2	18.7
11 27	6 10.95	+13 0.1	1.199	2.114	13.3	18.4
12 7	6 4.67	+12 46.3	1.139	2.095	8.9	18.1
12 17	5 56.23	+12 45.7	1.103	2.077	5.3	17.8
12 27	5 47.02	+12 59.8	1.092	2.061	6.4	17.9
1 6	5 38.66	+13 28.1	1.105	2.046	10.8	18.1
1 16	5 32.55	+14 8.7	1.140	2.033	15.5	18.3
1 26	5 29.74	+14 58.3	1.195	2.022	19.8	18.5

454590 2014 PJ_{39} 12 20.2 40°.60 6°.5/20.2 18

11 17	6 16.85	+ 6 7.4	1.951	2.761	14.0	21.3
11 27	6 11.67	+ 5 29.4	1.884	2.765	11.2	21.1
12 7	6 4.51	+ 5 4.1	1.841	2.769	8.4	20.9
12 17	5 56.10	+ 4 54.2	1.824	2.774	6.6	20.8
12 27	5 47.43	+ 5 1.2	1.835	2.778	7.0	20.9
1 6	5 39.49	+ 5 24.5	1.873	2.783	9.3	21.0
1 16	5 33.15	+ 6 1.8	1.936	2.788	12.1	21.2
1 26	5 29.02	+ 6 49.9	2.021	2.793	14.8	21.4

222960 2002 QW_{15} 12 20.2 150°.59 1°.6/20.6 18

11 17	6 31.09	+31 27.0	1.766	2.583	15.0	19.6
11 27	6 22.30	+30 34.2	1.693	2.591	11.2	19.4
12 7	6 10.75	+29 29.0	1.645	2.598	6.8	19.2
12 17	5 57.60	+28 11.0	1.625	2.605	2.4	18.9
12 27	5 44.40	+26 42.7	1.636	2.611	3.6	19.0
1 6	5 32.64	+25 10.2	1.679	2.617	8.0	19.3
1 16	5 23.44	+23 40.2	1.749	2.622	12.2	19.5
1 26	5 17.43	+22 18.4	1.843	2.626	15.6	19.8

124479 2001 RA_{13} 12 20.2 42°.64 1°.2/20.2 18

11 17	6 22.08	+21 33.9	1.221	2.075	18.0	19.5
11 27	6 16.41	+21 19.4	1.172	2.091	13.2	19.2
12 7	6 7.60	+21 6.4	1.145	2.107	7.8	19.0
12 17	5 56.88	+20 54.3	1.142	2.125	2.2	18.7
12 27	5 45.97	+20 43.5	1.166	2.142	4.2	18.9
1 6	5 36.57	+20 35.1	1.215	2.161	9.5	19.2
1 16	5 29.94	+20 30.5	1.287	2.179	14.2	19.5
1 26	5 26.77	+20 30.6	1.380	2.199	18.1	19.8

170377 2003 SC_{271} 12 20.2 59°.16 4°.7/20.7 18

11 17	6 23.58	+11 48.9	1.192	2.035	19.1	19.6
11 27	6 17.46	+11 57.5	1.146	2.054	14.5	19.4
12 7	6 8.22	+12 21.4	1.121	2.073	9.4	19.2
12 17	5 57.04	+13 0.0	1.119	2.093	5.2	19.0
12 27	5 45.62	+13 50.8	1.143	2.113	6.0	19.1
1 6	5 35.66	+14 50.1	1.193	2.133	10.4	19.4
1 16	5 28.45	+15 53.8	1.267	2.154	14.9	19.7
1 26	5 24.71	+16 58.6	1.361	2.174	18.6	20.0

490890 2011 BC_{60} 12 20.2 316°.65 5°.1/20.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 17.50	+ 7 51.6	1.891	2.707	14.2	20.9
11 27	6 12.49	+ 8 5.2	1.801	2.690	11.2	20.6
12 7	6 5.22	+ 8 33.5	1.734	2.673	7.9	20.4
12 17	5 56.35	+ 9 17.5	1.693	2.657	5.4	20.2
12 27	5 46.88	+10 16.4	1.681	2.641	5.8	20.2
1 6	5 37.96	+11 27.6	1.697	2.626	8.8	20.3
1 16	5 30.62	+12 47.2	1.740	2.611	12.3	20.5
1 26	5 25.70	+14 11.5	1.806	2.596	15.6	20.7

188766 2005 US_{397} 12 20.2 79°.94 3°.7/20.0 18

11 17	6 24.64	+15 47.6	1.509	2.341	16.3	20.7
11 27	6 17.56	+15 9.5	1.464	2.368	12.2	20.5
12 7	6 7.96	+14 37.8	1.442	2.395	7.7	20.3
12 17	5 56.93	+14 14.0	1.446	2.421	4.1	20.2
12 27	5 45.89	+13 59.5	1.479	2.447	5.1	20.3
1 6	5 36.21	+13 54.8	1.539	2.473	9.1	20.6
1 16	5 28.86	+13 59.5	1.625	2.498	12.9	20.9
1 26	5 24.47	+14 12.6	1.732	2.523	16.1	21.2

328855 2009 WA_{156} 12 20.2 171°.68 2°.1/19.9 17

11 17	6 17.94	+17 46.8	2.711	3.527	10.3	21.4
11 27	6 12.01	+17 11.9	2.632	3.530	7.7	21.2
12 7	6 4.54	+16 38.5	2.580	3.532	4.8	21.0
12 17	5 56.12	+16 7.6	2.557	3.534	2.3	20.8
12 27	5 47.52	+15 40.3	2.566	3.535	3.2	20.9
1 6	5 39.50	+15 17.8	2.606	3.537	6.0	21.1
1 16	5 32.74	+15 0.7	2.674	3.537	8.8	21.3
1 26	5 27.76	+14 49.6	2.767	3.538	11.2	21.4

159782 2003 MN_{9} 12 20.2 58°.17 1°.1/19.9 18

11 17	6 25.21	+24 51.9	1.475	2.314	16.3	19.0
11 27	6 18.12	+23 44.3	1.422	2.333	11.9	18.8
12 7	6 8.33	+22 31.6	1.393	2.353	7.0	18.6
12 17	5 57.03	+21 15.9	1.390	2.373	1.9	18.3
12 27	5 45.77	+20 1.4	1.417	2.393	3.8	18.5
1 6	5 36.01	+18 52.7	1.472	2.413	8.7	18.8
1 16	5 28.78	+17 54.2	1.552	2.433	12.9	19.1
1 26	5 24.67	+17 7.8	1.654	2.453	16.4	19.4

520865 2014 WG_{92} 12 20.2 213°.40 1°.3/20.2 18

11 17	6 17.18	+18 35.7	2.545	3.367	10.8	21.7
11 27	6 11.67	+18 37.5	2.462	3.364	8.0	21.6
12 7	6 4.46	+18 42.0	2.404	3.360	4.8	21.3
12 17	5 56.13	+18 49.0	2.376	3.356	1.8	21.1
12 27	5 47.50	+18 58.1	2.378	3.352	2.8	21.2
1 6	5 39.40	+19 9.0	2.410	3.347	6.0	21.4
1 16	5 32.60	+19 21.8	2.471	3.342	9.1	21.6
1 26	5 27.68	+19 36.4	2.556	3.338	11.8	21.8

377982 2006 QV_{52} 12 20.2 82°.36 0°.5/20.2 18

11 17	6 27.32	+21 24.2	1.386	2.224	17.2	21.0
11 27	6 19.89	+21 38.7	1.341	2.251	12.6	20.7
12 7	6 9.49	+21 55.3	1.318	2.278	7.4	20.5
12 17	5 57.35	+22 11.3	1.322	2.305	1.9	20.2
12 27	5 45.12	+22 25.0	1.354	2.331	3.7	20.4
1 6	5 34.41	+22 36.4	1.414	2.356	8.8	20.8
1 16	5 26.41	+22 46.5	1.498	2.381	13.2	21.1
1 26	5 21.78	+22 56.8	1.604	2.406	16.7	21.4

223832 2004 TA_{136} 12 20.2 88°.07 5°.1/20.5 17

11 17	6 23.10	+37 57.4	2.147	2.956	13.0	20.3
11 27	6 16.56	+38 32.7	2.079	2.962	10.1	20.1
12 7	6 7.52	+38 57.3	2.035	2.969	7.3	19.9
12 17	5 56.90	+39 6.9	2.018	2.976	5.3	19.8
12 27	5 45.95	+38 59.3	2.030	2.982	5.7	19.9
1 6	5 35.99	+38 35.7	2.070	2.989	8.1	20.0
1 16	5 28.08	+37 59.8	2.137	2.996	10.9	20.2
1 26	5 22.95	+37 16.7	2.227	3.002	13.5	20.4

45405 2000 AY_{141} 12 20.2 30°.78 5°.0/20.2 18

11 17	6 19.61	+14 49.7	1.003	1.867	20.2	17.1
11 27	6 14.90	+14 13.9	0.963	1.883	15.2	16.8
12 7	6 6.84	+13 49.4	0.942	1.900	9.8	16.6
12 17	5 56.74	+13 38.7	0.943	1.919	5.4	16.4
12 27	5 46.48	+13 42.6	0.968	1.939	6.6	16.6
1 6	5 37.87	+14 0.2	1.016	1.960	11.3	16.9
1 16	5 32.19	+14 29.0	1.086	1.982	16.0	17.2
1 26	5 30.15	+15 5.8	1.175	2.005	19.9	17.6

246052 2006 UB_{253} 12 20.2 100°.11 2°.8/20.0 18

11 17	6 15.15	+14 17.5	2.782	3.598	10.1	20.4
11 27	6 9.93	+13 51.9	2.713	3.607	7.6	20.2
12 7	6 3.32	+13 30.7	2.669	3.617	5.0	20.0
12 17	5 55.85	+13 14.6	2.654	3.626	2.9	19.9
12 27	5 48.22	+13 4.5	2.670	3.635	3.6	20.0
1 6	5 41.15	+13 0.7	2.716	3.644	6.0	20.1
1 16	5 35.24	+13 3.1	2.791	3.652	8.5	20.3
1 26	5 30.95	+13 11.2	2.889	3.661	10.8	20.5

108682 2001 OQ_7 12 20.2 136°.00 1°.2/20.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 24.51	+20 50.2	1.943	2.767	13.6	20.0
11 27	6 17.28	+20 36.1	1.879	2.782	10.0	19.8
12 7	6 7.81	+20 22.8	1.839	2.796	5.9	19.6
12 17	5 56.97	+20 9.9	1.828	2.809	1.8	19.4
12 27	5 45.94	+19 57.6	1.847	2.822	3.2	19.5
1 6	5 35.90	+19 46.8	1.896	2.833	7.3	19.8
1 16	5 27.80	+19 38.6	1.972	2.844	11.0	20.0
1 26	5 22.29	+19 34.3	2.072	2.855	14.1	20.3

402729 2006 WE_{125} 12 20.2 6°.96 0°.0/20.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.77	+22 15.6	1.805	2.642	13.9	21.0
11 27	6 14.23	+22 36.3	1.732	2.642	10.2	20.8
12 7	6 6.24	+22 58.7	1.682	2.642	6.0	20.5
12 17	5 56.63	+23 20.9	1.660	2.643	1.5	20.2
12 27	5 46.57	+23 41.0	1.667	2.643	3.1	20.3
1 6	5 37.36	+23 58.3	1.702	2.644	7.6	20.6
1 16	5 30.06	+24 13.3	1.763	2.645	11.6	20.9
1 26	5 25.45	+24 26.9	1.847	2.647	14.9	21.1

218115 2002 PL_{60} 12 20.2 81°.36 0°.8/20.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 26.89	+20 37.7	1.450	2.286	16.7	20.7
11 27	6 19.44	+20 49.9	1.406	2.315	12.2	20.5
12 7	6 9.19	+21 4.7	1.384	2.343	7.2	20.3
12 17	5 57.30	+21 20.1	1.389	2.372	1.9	20.0
12 27	5 45.35	+21 34.4	1.423	2.399	3.7	20.2
1 6	5 34.85	+21 47.3	1.484	2.426	8.5	20.6
1 16	5 26.94	+21 59.7	1.572	2.453	12.8	20.9
1 26	5 22.25	+22 12.7	1.680	2.479	16.2	21.2

40616 1999 RW_{163} 12 20.2 44°.48 0°.4/20.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.03	+22 36.1	1.928	2.763	13.2	19.2
11 27	6 13.44	+22 32.9	1.859	2.768	9.7	19.0
12 7	6 5.65	+22 29.8	1.814	2.774	5.7	18.8
12 17	5 56.47	+22 25.8	1.797	2.779	1.4	18.5
12 27	5 46.99	+22 20.8	1.809	2.785	3.0	18.6
1 6	5 38.37	+22 15.3	1.850	2.792	7.1	18.9
1 16	5 31.56	+22 10.3	1.917	2.798	10.9	19.1
1 26	5 27.22	+22 7.1	2.007	2.804	14.0	19.4

317434 2002 QX_{35} 12 20.2 155°.91 5°.6/20.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 24.40	+44 17.1	3.007	3.779	10.5	21.7
11 27	6 17.06	+44 54.7	2.936	3.787	8.6	21.6
12 7	6 7.65	+45 20.6	2.890	3.794	6.8	21.5
12 17	5 56.95	+45 31.0	2.872	3.800	5.7	21.4
12 27	5 45.97	+45 24.2	2.883	3.806	5.9	21.5
1 6	5 35.78	+45 0.9	2.924	3.812	7.2	21.6
1 16	5 27.28	+44 24.3	2.991	3.817	9.1	21.7
1 26	5 21.11	+43 38.6	3.083	3.821	10.9	21.8

444624 2006 VJ_{170} 12 20.2 25°.69 3°.2/20.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.34	+14 29.8	1.344	2.192	17.0	19.8
11 27	6 13.50	+14 47.3	1.293	2.205	12.8	19.6
12 7	6 5.90	+15 15.9	1.263	2.220	8.0	19.4
12 17	5 56.55	+15 54.7	1.257	2.235	3.7	19.2
12 27	5 46.89	+16 41.2	1.278	2.252	4.7	19.3
1 6	5 38.40	+17 32.5	1.326	2.269	9.1	19.6
1 16	5 32.24	+18 25.8	1.397	2.288	13.4	19.9
1 26	5 29.16	+19 19.2	1.490	2.307	17.0	20.2

392290 2010 CM_{34} 12 20.2 12°.13 3°.8/20.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.64	+29 46.6	1.256	2.109	17.7	20.5
11 27	6 16.63	+30 29.8	1.196	2.111	13.3	20.3
12 7	6 8.09	+31 7.6	1.156	2.114	8.4	20.0
12 17	5 57.14	+31 34.2	1.140	2.118	4.2	19.8
12 27	5 45.61	+31 45.6	1.151	2.123	5.5	19.9
1 6	5 35.47	+31 42.1	1.186	2.128	10.1	20.2
1 16	5 28.24	+31 27.5	1.244	2.134	14.7	20.4
1 26	5 24.85	+31 7.1	1.322	2.141	18.7	20.7

135000 2001 HT_{13} 12 20.2 144°.54 5°.6/19.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.49	+ 8 1.3	2.152	2.957	13.1	20.1
11 27	6 13.42	+ 7 13.4	2.085	2.965	10.3	19.9
12 7	6 5.50	+ 6 35.1	2.043	2.973	7.5	19.8
12 17	5 56.42	+ 6 9.2	2.028	2.981	5.8	19.7
12 27	5 47.14	+ 5 57.3	2.042	2.988	6.3	19.7
1 6	5 38.58	+ 5 59.7	2.085	2.994	8.6	19.9
1 16	5 31.57	+ 6 15.3	2.154	3.000	11.3	20.1
1 26	5 26.66	+ 6 41.9	2.246	3.006	13.8	20.2

375547 2008 UO_{251} 12 20.2 39°.98 0°.1/20.2 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.95	+23 4.6	2.013	2.848	12.7	20.9
11 27	6 12.54	+23 5.4	1.949	2.859	9.3	20.7
12 7	6 5.07	+23 6.0	1.910	2.870	5.5	20.5
12 17	5 56.33	+23 5.4	1.899	2.882	1.4	20.3
12 27	5 47.37	+23 3.3	1.917	2.894	2.8	20.4
1 6	5 39.25	+23 0.0	1.964	2.906	6.8	20.7
1 16	5 32.86	+22 56.6	2.038	2.919	10.3	20.9
1 26	5 28.79	+22 54.3	2.135	2.932	13.3	21.2

50306 2000 CA_{39} 12 20.2 209°.27 3°.3/20.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 16.72	+10 48.1	2.767	3.573	10.5	20.0
11 27	6 11.20	+10 49.7	2.682	3.568	8.0	19.9
12 7	6 4.16	+10 58.7	2.622	3.563	5.5	19.7
12 17	5 56.11	+11 15.5	2.591	3.557	3.5	19.6
12 27	5 47.77	+11 40.1	2.590	3.551	4.0	19.6
1 6	5 39.89	+12 11.5	2.621	3.545	6.3	19.7
1 16	5 33.12	+12 48.6	2.679	3.539	8.9	19.9
1 26	5 28.03	+13 29.9	2.763	3.532	11.3	20.0

223046 2002 TV_{76} 12 20.2 266°.11 5°.1/20.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 25.98	+34 16.5	1.505	2.337	16.4	19.8
11 27	6 19.65	+34 53.5	1.430	2.331	12.7	19.6
12 7	6 9.84	+35 20.8	1.377	2.325	8.6	19.3
12 17	5 57.60	+35 32.1	1.349	2.319	5.4	19.1
12 27	5 44.67	+35 23.6	1.349	2.313	6.2	19.2
1 6	5 32.97	+34 56.4	1.374	2.307	10.0	19.4
1 16	5 24.05	+34 15.9	1.425	2.301	14.2	19.6
1 26	5 18.91	+33 29.1	1.496	2.295	17.8	19.8

227011 2004 XY_{125} 12 20.2 351°.31 6°.7/19.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.13	+35 52.2	1.722	2.549	14.9	19.4
11 27	6 16.75	+37 34.1	1.650	2.544	11.7	19.2
12 7	6 8.17	+39 9.7	1.601	2.539	8.6	19.0
12 17	5 57.21	+40 30.6	1.579	2.534	6.7	18.9
12 27	5 45.36	+41 29.8	1.584	2.531	7.6	19.0
1 6	5 34.33	+42 5.0	1.615	2.528	10.4	19.1
1 16	5 25.68	+42 18.3	1.671	2.526	13.6	19.3
1 26	5 20.50	+42 15.5	1.748	2.525	16.5	19.5

54164 2000 HH_{54} 12 20.2 261°.12 0°.7/20.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 23.19	+24 16.5	1.697	2.532	14.7	19.3
11 27	6 17.15	+24 33.9	1.607	2.516	11.0	19.0
12 7	6 8.22	+24 51.4	1.541	2.500	6.6	18.7
12 17	5 57.21	+25 6.2	1.502	2.484	1.8	18.4
12 27	5 45.44	+25 16.3	1.491	2.467	3.5	18.5
1 6	5 34.44	+25 21.3	1.508	2.450	8.4	18.7
1 16	5 25.55	+25 22.4	1.552	2.433	12.9	18.9
1 26	5 19.75	+25 22.3	1.617	2.415	16.8	19.2

332204 2006 EH_{15} 12 20.2 156°.40 0°.1/20.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.31	+23 39.0	2.541	3.364	10.7	21.8
11 27	6 12.51	+23 43.7	2.464	3.367	7.9	21.7
12 7	6 4.97	+23 47.7	2.413	3.371	4.6	21.5
12 17	5 56.33	+23 50.0	2.392	3.374	1.2	21.2
12 27	5 47.43	+23 50.2	2.401	3.377	2.4	21.3
1 6	5 39.15	+23 48.4	2.441	3.380	5.8	21.5
1 16	5 32.26	+23 45.5	2.509	3.382	8.9	21.7
1 26	5 27.33	+23 42.7	2.601	3.385	11.5	21.9

197930 2004 RJ_{61} 12 20.2 53°.28 3°.6/20.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.72	+15 34.3	1.557	2.394	15.7	20.1
11 27	6 15.05	+15 7.5	1.490	2.396	11.8	19.9
12 7	6 6.78	+14 47.0	1.445	2.399	7.6	19.6
12 17	5 56.81	+14 34.3	1.426	2.402	4.0	19.4
12 27	5 46.46	+14 30.3	1.435	2.405	5.0	19.5
1 6	5 37.10	+14 35.2	1.471	2.408	9.1	19.8
1 16	5 29.88	+14 48.8	1.532	2.411	13.2	20.0
1 26	5 25.55	+15 9.7	1.615	2.414	16.7	20.2

163813 2003 RW_1 12 20.2 52°.53 10°.6/21.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.71	− 2 40.0	1.517	2.307	18.3	19.0
11 27	6 14.04	− 3 15.2	1.473	2.327	15.3	18.8
12 7	6 6.02	− 3 25.0	1.449	2.347	12.6	18.7
12 17	5 56.59	− 3 5.6	1.447	2.368	10.8	18.7
12 27	5 47.00	− 2 16.6	1.471	2.389	10.8	18.7
1 6	5 38.52	− 1 2.1	1.519	2.410	12.5	18.9
1 16	5 32.10	+ 0 31.3	1.591	2.431	14.9	19.1
1 26	5 28.39	+ 2 16.1	1.684	2.453	17.4	19.3

161216 2002 VR_6 12 20.2 40°.86 1°.9/20.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.87	+28 50.1	2.141	2.970	12.3	19.8
11 27	6 13.24	+29 1.5	2.073	2.978	9.1	19.6
12 7	6 5.51	+29 8.4	2.030	2.986	5.6	19.4
12 17	5 56.47	+29 8.8	2.014	2.993	2.3	19.2
12 27	5 47.18	+29 2.0	2.028	3.002	3.2	19.2
1 6	5 38.71	+28 48.6	2.071	3.010	6.7	19.5
1 16	5 31.98	+28 30.7	2.141	3.019	10.0	19.7
1 26	5 27.61	+28 11.0	2.235	3.028	12.9	19.9

250639 2005 JZ_{100} 12 20.2 191°.93 7°.9/20.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.35	+ 0 54.4	2.139	2.923	13.9	21.0
11 27	6 12.70	+ 0 8.7	2.067	2.922	11.5	20.8
12 7	6 5.16	− 0 22.0	2.017	2.920	9.3	20.7
12 17	5 56.39	− 0 34.1	1.993	2.919	8.0	20.6
12 27	5 47.32	− 0 25.8	1.997	2.917	8.3	20.6
1 6	5 38.88	+ 0 2.4	2.028	2.914	10.1	20.7
1 16	5 31.91	+ 0 47.9	2.084	2.912	12.4	20.9
1 26	5 27.04	+ 1 46.8	2.163	2.909	14.7	21.0

47583 2000 AW_{182} 12 20.2 307°.11 7°.6/20.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 18.47	+ 3 32.6	1.771	2.576	15.5	18.9
11 27	6 13.17	+ 3 8.5	1.697	2.572	12.6	18.7
12 7	6 5.61	+ 3 1.2	1.646	2.568	9.7	18.6
12 17	5 56.53	+ 3 13.9	1.619	2.564	7.7	18.4
12 27	5 47.02	+ 3 47.5	1.620	2.561	8.1	18.5
1 6	5 38.25	+ 4 40.3	1.647	2.557	10.4	18.6
1 16	5 31.22	+ 5 48.4	1.699	2.554	13.4	18.8
1 26	5 26.67	+ 7 7.1	1.773	2.550	16.3	19.0

419962 2011 BT_{102} 12 20.2 55°.12 0°.2/20.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.65	+21 18.2	1.899	2.731	13.5	20.5
11 27	6 14.70	+22 4.0	1.836	2.744	9.9	20.3
12 7	6 6.46	+22 53.0	1.798	2.757	5.8	20.0
12 17	5 56.73	+23 42.1	1.789	2.771	1.4	19.8
12 27	5 46.66	+24 28.2	1.809	2.785	3.0	19.9
1 6	5 37.44	+25 9.6	1.858	2.799	7.2	20.2
1 16	5 30.08	+25 45.7	1.934	2.813	10.9	20.5
1 26	5 25.28	+26 17.4	2.034	2.827	14.0	20.7

2194 Arpola 12 20.2 302°.55 4°.3/19.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 24.75	+30 29.1	1.451	2.291	16.5	16.2
11 27	6 18.83	+31 29.5	1.379	2.286	12.5	15.9
12 7	6 9.43	+32 25.9	1.328	2.282	8.1	15.7
12 17	5 57.55	+33 11.5	1.303	2.278	4.6	15.5
12 27	5 44.87	+33 40.7	1.305	2.273	5.7	15.5
1 6	5 33.28	+33 52.5	1.334	2.269	10.0	15.8
1 16	5 24.40	+33 49.7	1.387	2.265	14.3	16.0
1 26	5 19.27	+33 37.8	1.460	2.262	18.1	16.2

454731 2014 TZ_{63} 12 20.2 3°.12 4°.8/20.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.91	+34 34.5	1.848	2.675	14.0	20.7
11 27	6 15.35	+35 22.1	1.777	2.674	10.8	20.5
12 7	6 7.05	+36 1.6	1.730	2.675	7.4	20.3
12 17	5 56.91	+36 28.1	1.709	2.675	5.0	20.1
12 27	5 46.27	+36 38.3	1.716	2.676	5.7	20.2
1 6	5 36.58	+36 32.4	1.750	2.678	8.6	20.3
1 16	5 29.06	+36 13.5	1.810	2.680	12.0	20.6
1 26	5 24.53	+35 46.4	1.892	2.682	15.0	20.8

420637 2012 JL_{1} 12 20.2 160°.56 6°.8/19.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 27.63	+46 22.7	2.902	3.664	11.1	21.4
11 27	6 19.87	+47 41.3	2.833	3.669	9.3	21.3
12 7	6 9.59	+48 47.8	2.788	3.674	7.7	21.2
12 17	5 57.54	+49 36.7	2.772	3.679	6.9	21.2
12 27	5 44.88	+50 4.5	2.785	3.683	7.2	21.2
1 6	5 32.91	+50 10.8	2.825	3.687	8.4	21.3
1 16	5 22.76	+49 58.7	2.892	3.691	10.1	21.4
1 26	5 15.27	+49 32.9	2.982	3.694	11.8	21.5

496674 2016 CE_{94} 12 20.2 299°.96 7°.3/20.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 15.65	+ 2 34.1	2.162	2.956	13.4	21.1
11 27	6 10.86	+ 1 55.1	2.073	2.938	11.0	20.9
12 7	6 4.17	+ 1 29.6	2.008	2.921	8.8	20.7
12 17	5 56.18	+ 1 21.1	1.969	2.903	7.4	20.6
12 27	5 47.76	+ 1 31.7	1.957	2.886	7.8	20.6
1 6	5 39.84	+ 2 1.0	1.972	2.868	9.7	20.7
1 16	5 33.27	+ 2 47.0	2.012	2.851	12.3	20.8
1 26	5 28.73	+ 3 46.3	2.075	2.834	14.8	21.0

438472 2007 EH_{64} 12 20.2 210°.32 1°.2/20.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 24.52	+26 46.1	1.954	2.778	13.4	22.4
11 27	6 17.69	+26 52.9	1.869	2.772	10.0	22.1
12 7	6 8.32	+26 56.2	1.809	2.766	6.0	21.9
12 17	5 57.22	+26 53.8	1.777	2.758	1.9	21.6
12 27	5 45.64	+26 44.5	1.775	2.750	3.3	21.7
1 6	5 34.89	+26 29.1	1.803	2.742	7.5	21.9
1 16	5 26.11	+26 10.0	1.858	2.732	11.5	22.1
1 26	5 20.11	+25 50.3	1.936	2.723	14.8	22.3

246141 2007 PV 12 20.2 143°.56 2°.6/20.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.36	+33 28.1	2.991	3.797	9.8	21.1
11 27	6 13.82	+33 36.3	2.918	3.807	7.4	21.0
12 7	6 5.65	+33 38.1	2.872	3.817	4.8	20.8
12 17	5 56.50	+33 31.5	2.856	3.827	2.8	20.7
12 27	5 47.19	+33 16.1	2.871	3.836	3.2	20.7
1 6	5 38.55	+32 52.8	2.916	3.845	5.5	20.9
1 16	5 31.29	+32 23.6	2.991	3.853	8.0	21.1
1 26	5 25.92	+31 51.3	3.091	3.861	10.2	21.2

51415 Tovinder 12 20.2 118°.32 4°.8/20.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 28.65	+34 22.1	1.610	2.433	15.9	18.9
11 27	6 21.15	+34 58.3	1.550	2.446	12.2	18.7
12 7	6 10.46	+35 24.2	1.512	2.458	8.2	18.5
12 17	5 57.74	+35 34.0	1.501	2.470	5.1	18.4
12 27	5 44.67	+35 25.0	1.518	2.482	5.8	18.4
1 6	5 33.01	+34 59.1	1.563	2.493	9.3	18.7
1 16	5 24.11	+34 21.5	1.633	2.504	13.0	18.9
1 26	5 18.73	+33 38.7	1.725	2.514	16.3	19.2

57076 2001 OY_{16} 12 20.2 28°.06 5°.3/20.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 17.93	+11 0.3	1.398	2.238	16.9	18.3
11 27	6 13.08	+10 46.2	1.346	2.250	13.0	18.1
12 7	6 5.62	+10 45.5	1.315	2.264	8.8	17.9
12 17	5 56.53	+10 59.6	1.308	2.278	5.6	17.7
12 27	5 47.18	+11 28.1	1.328	2.293	6.2	17.8
1 6	5 38.94	+12 8.8	1.374	2.309	9.8	18.0
1 16	5 32.89	+12 58.7	1.443	2.325	13.7	18.3
1 26	5 29.76	+13 54.2	1.534	2.343	17.0	18.6

410141 2007 HU_{26} 12 20.2 113°.38 1°.7/20.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.27	+27 57.5	2.446	3.267	11.2	21.4
11 27	6 14.03	+28 23.4	2.379	3.279	8.3	21.2
12 7	6 5.91	+28 46.1	2.337	3.292	5.0	21.1
12 17	5 56.59	+29 3.5	2.325	3.304	2.1	20.9
12 27	5 47.02	+29 14.1	2.343	3.315	3.0	21.0
1 6	5 38.18	+29 18.0	2.391	3.327	6.1	21.2
1 16	5 30.89	+29 16.3	2.468	3.338	9.1	21.4
1 26	5 25.74	+29 11.3	2.569	3.349	11.7	21.6

267530 2002 PG_{29} 12 20.2 83°.88 0°.6/20.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.57	+21 39.0	2.305	3.131	11.6	20.8
11 27	6 12.73	+21 36.9	2.242	3.147	8.5	20.6
12 7	6 5.10	+21 35.4	2.204	3.162	5.0	20.4
12 17	5 56.38	+21 33.8	2.195	3.177	1.4	20.2
12 27	5 47.48	+21 32.0	2.217	3.192	2.6	20.3
1 6	5 39.35	+21 30.3	2.268	3.207	6.2	20.6
1 16	5 32.73	+21 29.3	2.347	3.222	9.4	20.8
1 26	5 28.20	+21 29.9	2.450	3.237	12.1	21.0

54218 2000 HC_{97} 12 20.2 114°.13 0°.7/20.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.41	+24 36.6	2.468	3.292	11.0	19.1
11 27	6 12.67	+24 56.6	2.395	3.299	8.1	19.0
12 7	6 5.11	+25 15.9	2.348	3.305	4.8	18.8
12 17	5 56.40	+25 32.8	2.329	3.311	1.3	18.5
12 27	5 47.41	+25 46.1	2.342	3.317	2.5	18.6
1 6	5 39.06	+25 55.6	2.384	3.323	5.9	18.9
1 16	5 32.14	+26 2.0	2.455	3.329	9.0	19.1
1 26	5 27.26	+26 6.4	2.550	3.335	11.7	19.3

335385 2005 SY_{256} 12 20.2 14°.61 4°.9/20.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.25	+30 8.8	1.030	1.896	19.6	19.7
11 27	6 16.15	+31 11.1	0.979	1.901	14.8	19.5
12 7	6 8.04	+32 7.6	0.948	1.908	9.6	19.2
12 17	5 57.21	+32 50.2	0.939	1.916	5.3	19.0
12 27	5 45.78	+33 13.4	0.954	1.925	6.6	19.1
1 6	5 36.01	+33 17.0	0.992	1.936	11.4	19.4
1 16	5 29.62	+33 5.6	1.051	1.949	16.2	19.7
1 26	5 27.52	+32 45.6	1.129	1.962	20.3	20.0

282658 2005 UJ_{347} 12 20.2 281°.35 1°.0/20.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.73	+21 35.2	1.568	2.408	15.4	20.8
11 27	6 16.16	+21 26.5	1.482	2.393	11.5	20.6
12 7	6 7.67	+21 18.6	1.418	2.378	6.9	20.3
12 17	5 57.11	+21 10.9	1.381	2.363	2.0	19.9
12 27	5 45.86	+21 2.9	1.371	2.348	3.8	20.0
1 6	5 35.46	+20 55.6	1.389	2.332	8.9	20.3
1 16	5 27.24	+20 50.3	1.432	2.317	13.6	20.5
1 26	5 22.16	+20 48.8	1.497	2.302	17.6	20.7

10152 Ukichiro 12 20.2 87°.51 4°.4/20.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 27.53	+33 22.1	1.518	2.348	16.4	17.3
11 27	6 20.36	+33 50.3	1.463	2.364	12.4	17.1
12 7	6 9.99	+34 8.4	1.430	2.379	8.2	16.9
12 17	5 57.63	+34 11.2	1.423	2.395	4.7	16.8
12 27	5 45.03	+33 56.6	1.444	2.411	5.5	16.9
1 6	5 33.92	+33 27.0	1.491	2.426	9.2	17.1
1 16	5 25.61	+32 47.6	1.565	2.441	13.1	17.4
1 26	5 20.85	+32 4.7	1.659	2.456	16.5	17.6

83388 2001 SV_{19} 12 20.2 89°.88 4°.5/20.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.28	+11 31.8	1.937	2.757	13.7	20.0
11 27	6 13.46	+11 3.6	1.875	2.769	10.5	19.8
12 7	6 5.62	+10 44.1	1.838	2.782	7.2	19.7
12 17	5 56.54	+10 34.8	1.828	2.794	4.7	19.5
12 27	5 47.25	+10 36.7	1.847	2.807	5.3	19.6
1 6	5 38.81	+10 49.4	1.894	2.819	8.2	19.8
1 16	5 32.07	+11 11.6	1.967	2.831	11.4	20.0
1 26	5 27.63	+11 41.5	2.063	2.843	14.2	20.2

327641 2006 QP_{8} 12 20.2 105°.31 0°.8/20.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 27.23	+25 11.7	1.518	2.352	16.1	21.4
11 27	6 19.86	+25 17.7	1.463	2.371	11.9	21.2
12 7	6 9.59	+25 21.2	1.431	2.389	7.0	21.0
12 17	5 57.53	+25 19.7	1.425	2.407	1.9	20.7
12 27	5 45.28	+25 12.2	1.448	2.425	3.6	20.9
1 6	5 34.41	+25 0.1	1.500	2.441	8.5	21.2
1 16	5 26.12	+24 46.0	1.577	2.458	12.8	21.5
1 26	5 21.11	+24 32.9	1.675	2.473	16.3	21.8

460978 2014 WP_{327} 12 20.2 71°.40 0°.2/20.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 19.64	+20 22.4	2.197	3.023	12.1	21.0
11 27	6 13.72	+21 1.3	2.131	3.035	8.9	20.9
12 7	6 5.80	+21 43.5	2.090	3.047	5.2	20.7
12 17	5 56.61	+22 26.7	2.078	3.060	1.3	20.4
12 27	5 47.12	+23 8.4	2.096	3.072	2.7	20.5
1 6	5 38.33	+23 47.3	2.145	3.085	6.4	20.8
1 16	5 31.13	+24 22.8	2.221	3.097	9.8	21.0
1 26	5 26.15	+24 55.1	2.322	3.110	12.6	21.2

199620 2006 FN_{44} 12 20.2 247°.46 2°.2/20.2 18

11 17	6 19.64	+29 14.7	2.496	3.316	11.0	20.6
11 27	6 13.77	+29 45.4	2.407	3.306	8.3	20.4
12 7	6 5.90	+30 13.1	2.344	3.296	5.2	20.2
12 17	5 56.66	+30 34.9	2.309	3.286	2.5	20.0
12 27	5 46.97	+30 49.0	2.305	3.276	3.3	20.0
1 6	5 37.84	+30 54.9	2.332	3.266	6.4	20.2
1 16	5 30.17	+30 54.0	2.386	3.255	9.5	20.4
1 26	5 24.66	+30 48.3	2.464	3.244	12.2	20.5

54594 2000 QZ_{220} 12 20.2 183°.43 1°.7/20.2 18

11 17	6 19.27	+18 15.1	2.112	2.939	12.5	19.9
11 27	6 13.52	+18 12.0	2.035	2.939	9.3	19.7
12 7	6 5.72	+18 12.4	1.983	2.939	5.7	19.5
12 17	5 56.60	+18 15.9	1.959	2.939	2.2	19.3
12 27	5 47.14	+18 22.4	1.965	2.938	3.3	19.3
1 6	5 38.37	+18 31.7	2.000	2.938	7.0	19.6
1 16	5 31.20	+18 43.8	2.062	2.937	10.5	19.8
1 26	5 26.30	+18 58.7	2.148	2.936	13.5	20.0

410969 2009 TG_{12} 12 20.2 33°.01 4°.3/19.9 17

11 17	6 17.30	+13 6.4	1.933	2.760	13.5	20.4
11 27	6 12.07	+12 22.6	1.867	2.766	10.3	20.2
12 7	6 4.85	+11 45.5	1.825	2.772	6.9	20.0
12 17	5 56.37	+11 17.1	1.810	2.778	4.5	19.9
12 27	5 47.66	+10 59.4	1.823	2.785	5.2	20.0
1 6	5 39.74	+10 52.9	1.865	2.792	8.2	20.2
1 16	5 33.48	+10 57.3	1.932	2.799	11.5	20.4
1 26	5 29.48	+11 11.2	2.022	2.806	14.3	20.6

151331 2002 CH_{198} 12 20.2 115°.54 1°.0/20.3 18

11 17	6 20.29	+26 2.7	2.135	2.963	12.3	20.6
11 27	6 14.29	+26 11.5	2.063	2.969	9.1	20.4
12 7	6 6.17	+26 18.0	2.016	2.974	5.4	20.2
12 17	5 56.70	+26 20.4	1.998	2.979	1.6	20.0
12 27	5 46.95	+26 17.9	2.009	2.985	2.9	20.1
1 6	5 37.99	+26 10.8	2.050	2.990	6.7	20.3
1 16	5 30.75	+26 0.9	2.118	2.995	10.2	20.6
1 26	5 25.89	+25 50.1	2.210	2.999	13.1	20.8

1847 Stobbe 12 20.2 203°.92 2°.1/20.4 18 R

11 17	6 20.79	+16 14.0	1.833	2.662	14.0	15.3
11 27	6 14.94	+16 34.2	1.757	2.661	10.5	15.1
12 7	6 6.71	+17 1.7	1.705	2.660	6.5	14.9
12 17	5 56.87	+17 35.5	1.680	2.660	2.6	14.6
12 27	5 46.56	+18 13.7	1.685	2.659	3.7	14.7
1 6	5 37.01	+18 54.6	1.718	2.658	7.8	15.0
1 16	5 29.28	+19 36.6	1.778	2.657	11.7	15.2
1 26	5 24.16	+20 19.0	1.862	2.656	15.0	15.4

291202 2006 AD_{79} 12 20.2 98°.67 3°.7/20.5 18

11 17	6 18.07	+11 14.4	2.235	3.049	12.3	20.8
11 27	6 12.41	+11 12.4	2.168	3.060	9.4	20.6
12 7	6 4.96	+11 19.0	2.126	3.070	6.3	20.5
12 17	5 56.40	+11 34.7	2.112	3.081	4.0	20.3
12 27	5 47.60	+11 59.2	2.128	3.091	4.5	20.4
1 6	5 39.47	+12 31.3	2.173	3.101	7.2	20.6
1 16	5 32.80	+13 9.6	2.245	3.111	10.2	20.8
1 26	5 28.17	+13 52.2	2.342	3.121	12.8	21.0

212773 2007 TA_{115} 12 20.2 68°.90 3°.2/20.3 18

11 17	6 20.42	+15 27.7	1.670	2.503	15.0	20.2
11 27	6 14.65	+15 15.9	1.608	2.514	11.2	20.0
12 7	6 6.47	+15 11.0	1.570	2.524	7.1	19.8
12 17	5 56.79	+15 13.5	1.558	2.535	3.5	19.6
12 27	5 46.82	+15 23.3	1.574	2.545	4.5	19.7
1 6	5 37.83	+15 39.8	1.619	2.556	8.4	20.0
1 16	5 30.84	+16 2.3	1.688	2.567	12.2	20.2
1 26	5 26.55	+16 29.6	1.780	2.577	15.5	20.5

189883 2003 RV_{13} 12 20.2 122°.25 2°.9/19.8 18

11 17	6 18.50	+16 20.2	2.319	3.140	11.7	19.9
11 27	6 12.67	+15 33.0	2.247	3.145	8.8	19.7
12 7	6 5.08	+14 48.4	2.200	3.151	5.6	19.6
12 17	5 56.43	+14 8.1	2.182	3.156	3.1	19.4
12 27	5 47.58	+13 34.1	2.195	3.161	4.0	19.5
1 6	5 39.45	+13 7.7	2.237	3.166	7.0	19.7
1 16	5 32.77	+12 49.6	2.307	3.171	10.0	19.9
1 26	5 28.09	+12 39.9	2.401	3.176	12.6	20.1

271615 2004 PR_{37} 12 20.2 146°.84 0°.7/20.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 24.73	+25 16.2	2.075	2.896	12.9	22.3
11 27	6 17.52	+25 24.2	2.006	2.908	9.5	22.1
12 7	6 8.05	+25 30.0	1.962	2.919	5.6	21.8
12 17	5 57.18	+25 31.7	1.947	2.929	1.6	21.6
12 27	5 46.04	+25 28.5	1.963	2.938	2.9	21.7
1 6	5 35.82	+25 20.9	2.009	2.947	6.9	22.0
1 16	5 27.49	+25 10.7	2.082	2.955	10.5	22.2
1 26	5 21.71	+25 0.2	2.180	2.962	13.5	22.4

70052 1999 GS_{60} 12 20.2 194°.82 0°.6/20.2 18

11 17	6 25.42	+21 52.2	1.768	2.595	14.5	20.3
11 27	6 18.47	+21 50.6	1.688	2.594	10.8	20.1
12 7	6 8.85	+21 49.5	1.633	2.591	6.4	19.8
12 17	5 57.42	+21 47.8	1.605	2.587	1.7	19.5
12 27	5 45.50	+21 44.7	1.607	2.583	3.4	19.6
1 6	5 34.49	+21 40.6	1.638	2.578	8.1	19.9
1 16	5 25.59	+21 37.1	1.696	2.572	12.3	20.1
1 26	5 19.61	+21 35.7	1.776	2.565	15.8	20.4

4235 Tatishchev 12 20.2 175°.57 0°.5/20.3 18

11 17	6 19.27	+24 55.1	2.257	3.084	11.8	17.0
11 27	6 13.48	+24 59.5	2.180	3.085	8.7	16.8
12 7	6 5.68	+25 2.3	2.127	3.085	5.1	16.6
12 17	5 56.60	+25 2.2	2.103	3.085	1.4	16.3
12 27	5 47.21	+24 58.6	2.109	3.086	2.7	16.5
1 6	5 38.53	+24 51.9	2.145	3.086	6.4	16.7
1 16	5 31.42	+24 43.4	2.209	3.086	9.8	16.9
1 26	5 26.54	+24 34.8	2.297	3.086	12.7	17.1

35509 1998 FK_{44} 12 20.2 138°.34 1°.6/20.3 18

11 17	6 21.27	+28 46.2	2.732	3.546	10.4	19.9
11 27	6 14.58	+29 0.2	2.663	3.560	7.7	19.7
12 7	6 6.17	+29 10.3	2.620	3.573	4.7	19.6
12 17	5 56.71	+29 14.7	2.607	3.586	1.9	19.4
12 27	5 47.06	+29 12.6	2.626	3.598	2.7	19.5
1 6	5 38.09	+29 4.5	2.675	3.610	5.6	19.7
1 16	5 30.57	+28 51.8	2.754	3.621	8.4	19.9
1 26	5 25.03	+28 36.9	2.857	3.631	10.8	20.1

366076 2012 CU_{41} 12 20.2 323°.16 2°.5/20.3 17

11 17	6 18.42	+16 36.7	1.870	2.702	13.6	21.3
11 27	6 13.15	+16 28.6	1.793	2.698	10.2	21.1
12 7	6 5.63	+16 25.8	1.739	2.694	6.4	20.8
12 17	5 56.62	+16 28.5	1.712	2.690	2.9	20.6
12 27	5 47.20	+16 36.8	1.715	2.687	4.0	20.7
1 6	5 38.51	+16 50.3	1.745	2.683	7.8	20.9
1 16	5 31.57	+17 8.7	1.802	2.680	11.6	21.1
1 26	5 27.09	+17 31.3	1.881	2.677	14.8	21.3

515745 2015 DT_{230} 12 20.2 170°.27 4°.4/19.9 18

11 17	6 26.90	+31 15.8	1.537	2.369	16.1	21.6
11 27	6 20.25	+32 18.1	1.468	2.371	12.2	21.3
12 7	6 10.22	+33 15.4	1.421	2.372	8.0	21.1
12 17	5 57.82	+34 0.6	1.400	2.373	4.7	20.9
12 27	5 44.71	+34 28.5	1.407	2.373	5.8	21.0
1 6	5 32.74	+34 38.4	1.442	2.374	9.7	21.2
1 16	5 23.44	+34 33.5	1.501	2.374	13.8	21.4
1 26	5 17.81	+34 19.4	1.581	2.374	17.3	21.7

245382 2005 GA_{108} 12 20.2 323°.30 6°.7/19.9 18

11 17	6 23.77	+43 11.2	2.417	3.205	12.3	20.4
11 27	6 17.25	+44 15.8	2.344	3.204	10.1	20.2
12 7	6 8.15	+45 8.7	2.295	3.204	8.0	20.1
12 17	5 57.27	+45 44.2	2.272	3.203	6.8	20.0
12 27	5 45.85	+45 59.0	2.278	3.202	7.1	20.0
1 6	5 35.22	+45 53.0	2.312	3.201	8.8	20.1
1 16	5 26.58	+45 29.5	2.371	3.201	11.0	20.3
1 26	5 20.73	+44 53.7	2.452	3.200	13.1	20.4

137858 2000 AX_{59} 12 20.2 0°.75 0°.2/20.2 18

11 17	6 19.03	+22 34.1	1.083	1.950	18.9	18.9
11 27	6 14.98	+22 54.0	1.022	1.947	14.0	18.6
12 7	6 7.30	+23 16.8	0.981	1.945	8.3	18.3
12 17	5 57.11	+23 39.7	0.962	1.945	2.1	17.9
12 27	5 46.24	+23 59.7	0.968	1.946	4.3	18.1
1 6	5 36.72	+24 16.0	0.998	1.948	10.4	18.4
1 16	5 30.16	+24 29.3	1.049	1.952	15.8	18.7
1 26	5 27.54	+24 41.4	1.120	1.956	20.2	19.0

436983 2012 TH_{202} 12 20.2 151°.74 1°.3/20.3 18

11 17	6 25.13	+26 14.0	1.879	2.705	13.9	22.1
11 27	6 18.11	+26 33.1	1.809	2.713	10.3	21.9
12 7	6 8.55	+26 49.8	1.764	2.721	6.1	21.7
12 17	5 57.35	+27 1.1	1.746	2.727	2.0	21.4
12 27	5 45.79	+27 5.5	1.759	2.734	3.3	21.5
1 6	5 35.20	+27 3.3	1.800	2.739	7.5	21.8
1 16	5 26.69	+26 56.3	1.869	2.744	11.4	22.1
1 26	5 21.01	+26 47.5	1.961	2.749	14.6	22.3

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
136193 2003 UX_{256}			12 20.2	75°.91	3°.1/20.3	18
	h m	° ′			°	m
11 17	6 24.86	+16 28.1	1.313	2.154	17.8	19.4
11 27	6 18.27	+16 17.0	1.265	2.175	13.2	19.2
12 7	6 8.71	+16 13.4	1.238	2.195	8.2	18.9
12 17	5 57.37	+16 17.2	1.237	2.215	3.7	18.7
12 27	5 45.85	+16 28.1	1.263	2.236	4.9	18.9
1 6	5 35.77	+16 45.3	1.315	2.256	9.5	19.2
1 16	5 28.31	+17 8.0	1.392	2.275	13.9	19.5
1 26	5 24.18	+17 35.1	1.489	2.295	17.6	19.8
276337 2002 TK_{309}			12 20.2	136°.82	6°.5/20.2	17
11 17	6 15.59	+ 2 1.8	2.550	3.333	11.9	21.2
11 27	6 10.43	+ 1 23.6	2.480	3.337	9.8	21.0
12 7	6 3.76	+ 0 57.8	2.435	3.341	7.8	20.9
12 17	5 56.13	+ 0 46.7	2.417	3.345	6.6	20.8
12 27	5 48.29	+ 0 51.8	2.426	3.349	6.9	20.9
1 6	5 41.00	+ 1 12.5	2.464	3.352	8.4	21.0
1 16	5 34.91	+ 1 47.0	2.528	3.356	10.5	21.1
1 26	5 30.53	+ 2 32.7	2.615	3.359	12.5	21.3
401429 2013 CE_{104}			12 20.3	152°.48	0°.5/20.3	18
11 17	6 21.62	+24 6.0	1.919	2.750	13.4	21.4
11 27	6 15.52	+24 22.7	1.846	2.753	9.9	21.2
12 7	6 7.04	+24 39.2	1.797	2.755	5.9	20.9
12 17	5 56.99	+24 53.1	1.775	2.757	1.6	20.7
12 27	5 46.55	+25 3.1	1.783	2.759	3.1	20.8
1 6	5 36.95	+25 9.0	1.820	2.761	7.3	21.0
1 16	5 29.24	+25 11.8	1.884	2.763	11.1	21.3
1 26	5 24.15	+25 13.5	1.971	2.765	14.3	21.5
344911 2004 RF_{218}			12 20.3	118°.72	16°.1/18.0	18
11 17	6 26.00	− 3 38.6	1.161	1.959	22.3	20.3
11 27	6 19.35	− 6 27.5	1.119	1.968	19.5	20.1
12 7	6 9.49	− 8 48.9	1.096	1.978	17.2	20.0
12 17	5 57.60	−10 29.4	1.094	1.987	16.1	20.0
12 27	5 45.40	−11 20.5	1.113	1.995	16.8	20.0
1 6	5 34.64	−11 22.1	1.153	2.003	18.7	20.2
1 16	5 26.64	−10 41.0	1.211	2.011	21.2	20.4
1 26	5 22.19	− 9 28.1	1.284	2.018	23.5	20.6
222221 2000 FE_{14}			12 20.3	49°.15	18°.2/26.2	18
11 17	6 21.37	−17 22.9	1.270	2.002	24.1	19.9
11 27	6 15.57	−18 39.1	1.246	2.027	21.9	19.8
12 7	6 7.04	−19 11.9	1.236	2.052	20.0	19.7
12 17	5 56.96	−18 54.3	1.243	2.078	18.7	19.7
12 27	5 46.86	−17 45.4	1.268	2.104	18.2	19.8
1 6	5 38.19	−15 51.8	1.313	2.131	18.8	19.9
1 16	5 32.00	−13 24.7	1.376	2.158	20.0	20.1
1 26	5 28.92	−10 37.5	1.457	2.185	21.4	20.3
200033 Newtaipei			12 20.3	284°.66	7°.0/20.7	18
11 17	6 25.13	+44 45.9	2.330	3.113	12.9	19.8
11 27	6 18.39	+45 20.0	2.239	3.096	10.7	19.6
12 7	6 8.89	+45 40.0	2.171	3.079	8.5	19.4
12 17	5 57.50	+45 40.3	2.130	3.062	7.1	19.3
12 27	5 45.57	+45 17.9	2.116	3.044	7.3	19.3
1 6	5 34.55	+44 34.0	2.130	3.027	9.1	19.4
1 16	5 25.67	+43 32.8	2.171	3.010	11.5	19.5
1 26	5 19.79	+42 20.9	2.234	2.993	13.9	19.6
454497 2014 OP_{170}			12 20.3	122°.37	1°.8/20.3	18
11 17	6 21.59	+27 44.4	2.037	2.865	12.9	21.9
11 27	6 15.43	+28 9.0	1.966	2.870	9.6	21.7
12 7	6 6.96	+28 30.5	1.919	2.874	5.8	21.5
12 17	5 56.99	+28 46.0	1.900	2.879	2.3	21.2
12 27	5 46.66	+28 53.8	1.910	2.884	3.4	21.3
1 6	5 37.17	+28 54.1	1.950	2.888	7.1	21.6
1 16	5 29.53	+28 48.5	2.017	2.893	10.6	21.8
1 26	5 24.45	+28 39.6	2.107	2.897	13.7	22.0
98185 2000 SN_{108}			12 20.3	82°.59	5°.1/20.2	18
11 17	6 23.55	+13 25.6	1.321	2.160	17.8	19.8
11 27	6 17.37	+12 45.6	1.267	2.173	13.6	19.6
12 7	6 8.25	+12 15.3	1.234	2.185	9.0	19.4
12 17	5 57.31	+11 57.3	1.226	2.198	5.4	19.2
12 27	5 46.10	+11 53.0	1.244	2.210	6.4	19.3
1 6	5 36.20	+12 2.4	1.288	2.222	10.4	19.5
1 16	5 28.81	+12 23.9	1.356	2.234	14.6	19.8
1 26	5 24.68	+12 55.1	1.445	2.246	18.3	20.1
24518 2001 BR_{76}			12 20.3	69°.06	4°.3/20.6	18
11 17	6 25.95	+13 2.7	1.274	2.111	18.5	18.6
11 27	6 18.97	+12 59.3	1.235	2.140	13.9	18.4
12 7	6 9.07	+13 7.9	1.217	2.169	8.9	18.2
12 17	5 57.49	+13 28.5	1.224	2.198	4.8	18.1
12 27	5 45.87	+13 59.6	1.257	2.227	5.7	18.2
1 6	5 35.79	+14 38.7	1.318	2.255	9.9	18.5
1 16	5 28.38	+15 23.2	1.403	2.284	14.0	18.8
1 26	5 24.30	+16 10.8	1.508	2.311	17.5	19.1

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
320849 2008 FO_{100}			12 20.3	298°.00	5°.5/20.2	17
	h m	° ′			°	m
11 17	6 17.60	+ 9 12.7	1.905	2.723	14.0	21.2
11 27	6 12.52	+ 8 41.3	1.824	2.714	11.0	21.0
12 7	6 5.28	+ 8 20.3	1.767	2.705	7.9	20.8
12 17	5 56.60	+ 8 12.0	1.736	2.696	5.7	20.6
12 27	5 47.48	+ 8 17.9	1.732	2.687	6.3	20.6
1 6	5 39.02	+ 8 37.8	1.757	2.678	9.1	20.8
1 16	5 32.18	+ 9 10.1	1.807	2.670	12.3	21.0
1 26	5 27.68	+ 9 52.3	1.879	2.661	15.4	21.1
426372 2013 OP_{8}			12 20.3	0°.85	7°.6/22.4	18
11 17	6 29.63	+47 53.8	2.079	2.853	14.5	19.8
11 27	6 21.60	+47 50.6	2.004	2.852	12.1	19.6
12 7	6 10.60	+47 26.6	1.950	2.852	9.7	19.5
12 17	5 57.87	+46 36.9	1.922	2.852	7.9	19.4
12 27	5 45.08	+45 20.5	1.923	2.852	7.9	19.4
1 6	5 33.84	+43 41.7	1.951	2.853	9.5	19.5
1 16	5 25.32	+41 48.4	2.006	2.854	12.0	19.6
1 26	5 20.16	+39 49.6	2.086	2.855	14.5	19.8
407913 2012 CC_{7}			12 20.3	355°.45	2°.1/20.4	17
11 17	6 21.10	+29 23.8	1.849	2.682	13.8	21.3
11 27	6 15.29	+29 26.2	1.775	2.681	10.3	21.0
12 7	6 6.97	+29 22.7	1.724	2.680	6.3	20.8
12 17	5 57.02	+29 11.0	1.700	2.679	2.6	20.6
12 27	5 46.70	+28 50.4	1.705	2.679	3.6	20.6
1 6	5 37.32	+28 22.5	1.738	2.679	7.6	20.9
1 16	5 29.99	+27 50.4	1.798	2.679	11.4	21.1
1 26	5 25.44	+27 17.6	1.881	2.679	14.7	21.3
407839 2012 BC_{29}			12 20.3	7°.29	0°.3/20.3	18
11 17	6 19.78	+22 24.1	1.806	2.643	13.8	21.5
11 27	6 14.27	+22 25.9	1.733	2.643	10.2	21.3
12 7	6 6.36	+22 28.3	1.684	2.643	6.1	21.0
12 17	5 56.87	+22 30.2	1.662	2.644	1.6	20.7
12 27	5 46.99	+22 30.8	1.668	2.645	3.1	20.8
1 6	5 37.97	+22 30.5	1.703	2.646	7.5	21.1
1 16	5 30.86	+22 30.2	1.764	2.647	11.5	21.4
1 26	5 26.41	+22 31.3	1.848	2.648	14.9	21.6
187420 2005 VY_{103}			12 20.3	91°.43	1°.2/20.3	18
11 17	6 19.65	+19 59.5	2.027	2.857	12.8	20.6
11 27	6 13.84	+19 57.7	1.959	2.865	9.5	20.4
12 7	6 5.94	+19 58.2	1.916	2.873	5.7	20.2
12 17	5 56.74	+20 0.4	1.900	2.882	1.8	19.9
12 27	5 47.27	+20 3.8	1.915	2.890	3.1	20.0
1 6	5 38.61	+20 8.5	1.958	2.898	6.9	20.3
1 16	5 31.65	+20 15.0	2.029	2.906	10.5	20.5
1 26	5 27.03	+20 23.6	2.123	2.914	13.5	20.7
409196 2003 UM_{373}			12 20.3	28°.83	4°.7/19.9	17
11 17	6 17.15	+11 53.0	1.992	2.816	13.3	21.2
11 27	6 11.96	+11 6.7	1.924	2.819	10.2	21.0
12 7	6 4.83	+10 27.7	1.880	2.824	7.1	20.8
12 17	5 56.47	+ 9 58.3	1.863	2.828	4.8	20.7
12 27	5 47.86	+ 9 40.6	1.875	2.833	5.5	20.8
1 6	5 40.00	+ 9 35.0	1.914	2.838	8.3	21.0
1 16	5 33.73	+ 9 41.1	1.980	2.843	11.4	21.2
1 26	5 29.66	+ 9 57.4	2.068	2.848	14.2	21.4
10108 Tomlinson			12 20.3	230°.70	9°.4/18.3	18
11 17	6 34.01	+43 41.2	1.906	2.692	15.2	17.8
11 27	6 26.16	+45 48.1	1.827	2.682	12.7	17.6
12 7	6 14.23	+47 44.1	1.772	2.672	10.5	17.4
12 17	5 59.03	+49 17.6	1.743	2.662	9.4	17.4
12 27	5 42.29	+50 19.4	1.743	2.651	10.1	17.4
1 6	5 26.27	+50 46.8	1.769	2.640	12.2	17.5
1 16	5 13.04	+50 44.2	1.820	2.628	14.7	17.6
1 26	5 4.06	+50 20.3	1.890	2.615	17.2	17.8
54470 2000 OE_{10}			12 20.3	151°.65	0°.5/20.3	18
11 17	6 21.55	+25 46.8	2.519	3.337	11.0	19.9
11 27	6 14.89	+25 39.2	2.445	3.346	8.1	19.7
12 7	6 6.43	+25 28.7	2.398	3.354	4.8	19.5
12 17	5 56.86	+25 14.5	2.380	3.362	1.3	19.3
12 27	5 47.10	+24 56.6	2.394	3.370	2.5	19.4
1 6	5 38.07	+24 36.0	2.438	3.376	5.9	19.6
1 16	5 30.56	+24 14.4	2.512	3.383	9.0	19.9
1 26	5 25.12	+23 53.7	2.610	3.388	11.6	20.0
394094 2006 BA_{64}			12 20.3	334°.26	1°.8/20.1	18
11 17	6 17.64	+23 49.8	1.143	2.009	18.1	20.5
11 27	6 14.27	+24 42.7	1.063	1.987	13.6	20.2
12 7	6 7.20	+25 41.3	1.003	1.967	8.3	19.9
12 17	5 57.25	+26 40.6	0.967	1.949	2.7	19.5
12 27	5 46.10	+27 34.4	0.954	1.931	4.8	19.5
1 6	5 35.85	+28 18.8	0.966	1.915	10.8	19.8
1 16	5 28.42	+28 53.0	1.000	1.901	16.4	20.1
1 26	5 25.12	+29 19.1	1.052	1.889	21.2	20.3

79720 1998 SW_{110} 12 20.3 184°.92 5°.8/20.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 29.81	+38 38.8	2.027	2.828	13.9	19.9
11 27	6 21.89	+39 25.3	1.951	2.828	11.0	19.7
12 7	6 11.00	+40 0.3	1.898	2.828	8.0	19.5
12 17	5 58.08	+40 17.9	1.873	2.827	6.0	19.4
12 27	5 44.61	+40 14.5	1.876	2.825	6.4	19.4
1 6	5 32.21	+39 51.0	1.909	2.823	9.0	19.6
1 16	5 22.19	+39 12.0	1.968	2.819	12.0	19.7
1 26	5 15.42	+38 23.9	2.050	2.815	14.8	19.9

22704 1998 RZ_{52} 12 20.3 49°.19 3°.6/20.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.37	+12 52.8	2.116	2.937	12.7	18.2
11 27	6 12.09	+12 36.0	2.044	2.940	9.6	18.0
12 7	6 4.91	+12 26.5	1.996	2.943	6.4	17.8
12 17	5 56.52	+12 25.2	1.976	2.946	3.9	17.7
12 27	5 47.84	+12 32.6	1.985	2.949	4.5	17.7
1 6	5 39.84	+12 48.3	2.023	2.953	7.5	17.9
1 16	5 33.35	+13 11.3	2.087	2.956	10.7	18.1
1 26	5 28.98	+13 40.4	2.175	2.959	13.5	18.3

88083 2000 WF_{28} 12 20.3 37°.00 13°.1/16.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 26.49	+ 5 6.0	1.144	1.970	20.9	16.8
11 27	6 19.20	+ 1 24.0	1.118	1.998	17.2	16.7
12 7	6 9.08	− 1 55.7	1.116	2.027	14.3	16.6
12 17	5 57.49	− 4 38.1	1.138	2.058	13.1	16.6
12 27	5 46.14	− 6 33.2	1.185	2.089	14.1	16.8
1 6	5 36.55	− 7 39.8	1.255	2.121	16.4	17.0
1 16	5 29.74	− 8 3.1	1.345	2.154	18.9	17.3
1 26	5 26.25	− 7 52.9	1.451	2.187	21.1	17.5

484837 2009 HM_{48} 12 20.3 164°.30 1°.1/20.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.47	+23 57.5	2.052	2.878	12.8	21.1
11 27	6 16.13	+24 44.5	1.976	2.881	9.5	20.9
12 7	6 7.46	+25 32.7	1.925	2.883	5.7	20.7
12 17	5 57.19	+26 18.7	1.903	2.884	1.7	20.4
12 27	5 46.44	+26 59.6	1.911	2.886	3.1	20.5
1 6	5 36.40	+27 33.6	1.949	2.887	7.1	20.8
1 16	5 28.13	+28 1.0	2.014	2.888	10.7	21.0
1 26	5 22.41	+28 23.1	2.103	2.889	13.8	21.2

46964 1998 SE_{134} 12 20.3 68°.68 2°.4/20.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.79	+17 47.5	1.696	2.531	14.7	18.5
11 27	6 14.92	+17 29.1	1.636	2.543	10.9	18.3
12 7	6 6.68	+17 14.8	1.598	2.555	6.7	18.1
12 17	5 56.97	+17 5.2	1.588	2.567	2.9	17.8
12 27	5 47.02	+17 0.6	1.606	2.579	4.0	18.0
1 6	5 38.07	+17 1.4	1.652	2.591	8.1	18.2
1 16	5 31.14	+17 7.7	1.724	2.604	11.9	18.5
1 26	5 26.87	+17 19.2	1.818	2.616	15.2	18.7

499208 2009 UH_{20} 12 20.3 132°.72 9°.6/18.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 28.71	+11 7.0	1.159	1.993	20.1	20.8
11 27	6 21.44	+ 8 31.8	1.102	1.999	15.9	20.6
12 7	6 10.79	+ 6 3.0	1.067	2.005	11.8	20.4
12 17	5 58.02	+ 3 52.1	1.057	2.010	9.6	20.3
12 27	5 44.96	+ 2 10.2	1.073	2.015	11.1	20.4
1 6	5 33.46	+ 1 3.2	1.114	2.020	14.7	20.6
1 16	5 24.91	+ 0 30.9	1.177	2.024	18.6	20.8
1 26	5 20.08	+ 0 28.3	1.256	2.028	22.1	21.1

250638 2005 JT_{60} 12 20.3 231°.56 5°.0/19.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.45	+11 14.0	2.018	2.835	13.4	20.6
11 27	6 13.73	+10 23.3	1.938	2.829	10.4	20.4
12 7	6 5.95	+ 9 39.4	1.882	2.823	7.3	20.2
12 17	5 56.81	+ 9 5.2	1.854	2.816	5.1	20.0
12 27	5 47.30	+ 8 43.0	1.854	2.809	5.9	20.0
1 6	5 38.48	+ 8 33.8	1.883	2.802	8.7	20.2
1 16	5 31.25	+ 8 37.4	1.938	2.795	11.9	20.4
1 26	5 26.30	+ 8 52.4	2.015	2.787	14.8	20.6

505333 2013 AR_{20} 12 20.3 263°.81 11°.2/22.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 39.53	+47 41.8	1.159	1.964	21.9	21.1
11 27	6 31.19	+47 56.7	1.090	1.959	18.4	20.9
12 7	6 17.28	+47 40.4	1.038	1.954	14.6	20.7
12 17	5 59.70	+46 39.8	1.007	1.949	11.7	20.5
12 27	5 41.70	+44 50.3	1.001	1.944	11.5	20.4
1 6	5 26.53	+42 21.3	1.019	1.938	14.2	20.6
1 16	5 16.27	+39 31.2	1.059	1.933	18.2	20.8
1 26	5 11.65	+36 39.5	1.120	1.928	22.1	21.0

116952 2004 GP_{76} 12 20.3 194°.97 3°.8/20.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 15.18	+ 8 13.3	3.025	3.823	9.9	20.4
11 27	6 10.03	+ 8 8.2	2.943	3.821	7.7	20.2
12 7	6 3.54	+ 8 11.0	2.887	3.819	5.5	20.1
12 17	5 56.19	+ 8 22.7	2.859	3.817	4.0	20.0
12 27	5 48.60	+ 8 43.2	2.862	3.814	4.3	20.0
1 6	5 41.43	+ 9 12.0	2.895	3.812	6.2	20.1
1 16	5 35.26	+ 9 47.8	2.957	3.809	8.4	20.2
1 26	5 30.58	+10 29.0	3.044	3.806	10.5	20.4

449292 2013 EU_{92} 12 20.3 267°.28 0°.9/20.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 22.76	+27 27.8	2.035	2.860	13.0	21.4
11 27	6 16.45	+27 8.4	1.937	2.841	9.7	21.1
12 7	6 7.71	+26 43.3	1.864	2.821	5.9	20.9
12 17	5 57.29	+26 11.3	1.820	2.802	1.8	20.6
12 27	5 46.34	+25 32.6	1.805	2.781	3.1	20.6
1 6	5 36.12	+24 49.1	1.821	2.761	7.4	20.8
1 16	5 27.74	+24 4.4	1.863	2.740	11.3	21.0
1 26	5 21.99	+23 22.0	1.929	2.719	14.7	21.2

466223 2012 TJ_{55} 12 20.3 355°.25 19°.7/16.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.49	− 5 20.5	0.938	1.756	25.0	20.7
11 27	6 16.02	− 8 37.0	0.895	1.754	22.4	20.6
12 7	6 7.93	−11 21.7	0.869	1.752	20.4	20.4
12 17	5 57.38	−13 17.1	0.861	1.751	19.7	20.4
12 27	5 46.25	−14 11.4	0.871	1.750	20.5	20.4
1 6	5 36.52	−14 3.8	0.897	1.750	22.5	20.6
1 16	5 29.75	−13 2.4	0.938	1.751	24.9	20.7
1 26	5 26.91	−11 21.0	0.991	1.753	27.4	20.9

96922 1999 TO_{118} 12 20.3 57°.40 9°.5/20.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.61	+44 51.4	1.606	2.407	17.0	19.1
11 27	6 22.59	+46 5.1	1.551	2.417	14.0	19.0
12 7	6 11.74	+47 0.3	1.517	2.427	11.3	18.8
12 17	5 58.32	+47 27.8	1.507	2.437	9.6	18.8
12 27	5 44.38	+47 22.9	1.523	2.448	9.9	18.8
1 6	5 32.08	+46 47.8	1.563	2.459	11.9	18.9
1 16	5 23.03	+45 50.0	1.627	2.470	14.5	19.1
1 26	5 18.12	+44 39.1	1.712	2.481	17.1	19.3

406784 2008 RV_{74} 12 20.3 82°.20 4°.7/20.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.75	+ 8 14.8	2.319	3.124	12.2	21.1
11 27	6 12.08	+ 7 55.3	2.264	3.145	9.5	21.0
12 7	6 4.77	+ 7 45.8	2.232	3.165	6.8	20.9
12 17	5 56.50	+ 7 47.4	2.229	3.186	4.9	20.8
12 27	5 48.10	+ 8 0.6	2.254	3.206	5.3	20.8
1 6	5 40.40	+ 8 24.5	2.309	3.226	7.5	21.0
1 16	5 34.10	+ 8 57.3	2.391	3.245	10.0	21.2
1 26	5 29.72	+ 9 36.9	2.497	3.265	12.4	21.4

222120 1999 UF_{47} 12 20.3 105°.44 2°.5/20.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.01	+17 16.6	2.222	3.045	12.1	20.0
11 27	6 13.15	+16 42.7	2.154	3.054	9.0	19.8
12 7	6 5.48	+16 11.5	2.111	3.064	5.6	19.6
12 17	5 56.69	+15 44.2	2.096	3.073	2.8	19.4
12 27	5 47.71	+15 22.0	2.112	3.082	3.7	19.5
1 6	5 39.48	+15 5.9	2.157	3.091	6.9	19.7
1 16	5 32.78	+14 56.4	2.230	3.099	10.1	19.9
1 26	5 28.18	+14 53.5	2.327	3.108	12.8	20.2

420685 2012 KW_{27} 12 20.3 172°.80 2°.9/20.0 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.11	+14 32.1	2.624	3.439	10.7	21.5
11 27	6 11.58	+14 1.6	2.546	3.441	8.1	21.3
12 7	6 4.50	+13 35.3	2.495	3.442	5.3	21.1
12 17	5 56.45	+13 14.1	2.472	3.443	3.1	21.0
12 27	5 48.17	+12 59.1	2.480	3.444	3.8	21.0
1 6	5 40.45	+12 50.9	2.517	3.445	6.4	21.2
1 16	5 33.97	+12 49.5	2.583	3.445	9.1	21.4
1 26	5 29.25	+12 54.7	2.674	3.445	11.6	21.5

356188 2009 JF_{17} 12 20.3 197°.40 0°.2/20.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.24	+24 44.4	2.592	3.408	10.8	22.0
11 27	6 14.74	+24 38.0	2.505	3.405	7.9	21.8
12 7	6 6.43	+24 29.6	2.445	3.401	4.7	21.6
12 17	5 56.95	+24 18.2	2.414	3.396	1.2	21.3
12 27	5 47.16	+24 3.7	2.415	3.391	2.4	21.4
1 6	5 37.99	+23 46.9	2.446	3.385	5.9	21.7
1 16	5 30.23	+23 29.3	2.507	3.378	9.0	21.8
1 26	5 24.50	+23 12.5	2.593	3.370	11.7	22.0

139756 2001 QE_{282} 12 20.3 133°.71 1°.7/20.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 24.44	+30 21.3	2.443	3.254	11.5	19.6
11 27	6 17.02	+30 5.6	2.374	3.269	8.5	19.4
12 7	6 7.68	+29 43.2	2.331	3.283	5.2	19.3
12 17	5 57.23	+29 13.1	2.318	3.297	2.1	19.1
12 27	5 46.68	+28 35.6	2.337	3.310	2.9	19.1
1 6	5 37.04	+27 52.7	2.386	3.322	6.1	19.4
1 16	5 29.12	+27 7.5	2.465	3.334	9.2	19.6
1 26	5 23.47	+26 23.2	2.568	3.345	11.8	19.8

321608 2009 VB_{45} 12 20.3 92°.22 3°.7/20.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 28.67	+31 12.5	1.564	2.392	16.1	20.8
11 27	6 21.10	+31 51.9	1.513	2.415	12.0	20.6
12 7	6 10.48	+32 23.7	1.485	2.437	7.7	20.4
12 17	5 57.96	+32 42.7	1.484	2.458	4.1	20.3
12 27	5 45.23	+32 46.2	1.511	2.479	5.0	20.4
1 6	5 33.95	+32 35.4	1.565	2.500	8.8	20.7
1 16	5 25.37	+32 14.7	1.646	2.520	12.7	20.9
1 26	5 20.22	+31 49.3	1.748	2.540	16.0	21.2

99549 2002 EE_{119} 12 20.3 171°.55 2°.0/20.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 25.46	+30 32.2	2.123	2.939	12.8	19.7
11 27	6 18.16	+30 21.7	2.045	2.943	9.6	19.5
12 7	6 8.55	+30 3.8	1.993	2.946	5.9	19.3
12 17	5 57.48	+29 36.7	1.970	2.948	2.5	19.1
12 27	5 46.16	+29 0.4	1.977	2.950	3.4	19.2
1 6	5 35.81	+28 17.0	2.014	2.951	7.0	19.4
1 16	5 27.40	+27 30.1	2.079	2.951	10.5	19.6
1 26	5 21.62	+26 43.8	2.169	2.951	13.6	19.8

376586 2013 PY_{24} 12 20.3 96°.86 2°.1/20.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 27.07	+18 20.6	1.432	2.266	16.9	21.6
11 27	6 19.77	+18 17.6	1.382	2.289	12.5	21.3
12 7	6 9.62	+18 19.5	1.354	2.311	7.6	21.1
12 17	5 57.74	+18 25.4	1.353	2.333	2.8	20.9
12 27	5 45.72	+18 34.6	1.380	2.355	4.2	21.0
1 6	5 35.08	+18 46.6	1.435	2.375	8.9	21.4
1 16	5 27.00	+19 1.6	1.515	2.395	13.2	21.7
1 26	5 22.15	+19 19.7	1.616	2.415	16.8	22.0

209850 2005 JJ 12 20.3 229°.67 1°.6/20.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.29	+17 6.3	2.330	3.146	11.8	20.7
11 27	6 15.06	+17 24.8	2.236	3.134	8.9	20.5
12 7	6 6.78	+17 48.4	2.167	3.121	5.4	20.3
12 17	5 57.08	+18 16.3	2.128	3.108	2.1	20.0
12 27	5 46.87	+18 47.2	2.120	3.093	3.1	20.1
1 6	5 37.16	+19 19.8	2.142	3.079	6.7	20.3
1 16	5 28.87	+19 53.3	2.193	3.063	10.1	20.5
1 26	5 22.71	+20 27.5	2.268	3.047	13.1	20.7

133429 2003 SR_{199} 12 20.3 44°.82 5°.4/20.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.56	+37 54.1	2.070	2.883	13.3	19.2
11 27	6 16.40	+38 39.5	2.005	2.890	10.4	19.0
12 7	6 7.68	+39 14.5	1.964	2.898	7.5	18.8
12 17	5 57.29	+39 34.2	1.950	2.906	5.6	18.7
12 27	5 46.53	+39 36.0	1.963	2.914	6.0	18.8
1 6	5 36.75	+39 20.8	2.005	2.923	8.4	18.9
1 16	5 29.06	+38 52.1	2.073	2.931	11.2	19.1
1 26	5 24.19	+38 15.0	2.163	2.940	13.8	19.3

231807 2000 EZ_{146} 12 20.3 290°.70 5°.0/20.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.25	+ 7 15.1	2.236	3.041	12.6	19.8
11 27	6 12.08	+ 7 15.2	2.146	3.027	10.0	19.6
12 7	6 5.02	+ 7 27.3	2.080	3.013	7.2	19.4
12 17	5 56.64	+ 7 52.6	2.041	2.999	5.2	19.3
12 27	5 47.82	+ 8 31.3	2.031	2.985	5.6	19.3
1 6	5 39.48	+ 9 21.7	2.050	2.971	8.0	19.4
1 16	5 32.48	+10 21.4	2.096	2.957	11.0	19.5
1 26	5 27.50	+11 27.5	2.167	2.943	13.8	19.7

273189 2006 HE_{108} 12 20.3 317°.53 8°.3/19.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 15.96	+ 3 0.0	1.993	2.794	14.1	20.3
11 27	6 11.26	+ 1 41.5	1.913	2.779	11.7	20.1
12 7	6 4.57	+ 0 35.2	1.855	2.766	9.5	20.0
12 17	5 56.54	− 0 13.9	1.824	2.752	8.3	19.9
12 27	5 48.09	− 0 41.9	1.818	2.739	8.9	19.9
1 6	5 40.23	− 0 47.6	1.839	2.726	10.9	20.0
1 16	5 33.86	− 0 32.0	1.884	2.713	13.4	20.1
1 26	5 29.65	+ 0 1.4	1.949	2.701	15.9	20.3

327477 2005 YH_{58} 12 20.3 38°.47 2°.1/20.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.43	+16 32.8	2.084	2.911	12.6	21.0
11 27	6 13.00	+16 38.5	2.009	2.912	9.4	20.8
12 7	6 5.55	+16 49.6	1.959	2.913	5.9	20.5
12 17	5 56.77	+17 5.8	1.936	2.915	2.5	20.3
12 27	5 47.64	+17 26.3	1.943	2.916	3.4	20.4
1 6	5 39.20	+17 50.4	1.979	2.918	7.0	20.6
1 16	5 32.32	+18 17.2	2.043	2.919	10.5	20.8
1 26	5 27.67	+18 46.2	2.130	2.921	13.5	21.0

493414 2014 WD_{216} 12 20.3 113°.94 1°.1/20.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.91	+25 8.1	2.519	3.338	11.0	21.3
11 27	6 14.54	+25 46.3	2.452	3.353	8.1	21.1
12 7	6 6.33	+26 23.7	2.412	3.367	4.8	21.0
12 17	5 56.95	+26 57.9	2.401	3.382	1.6	20.8
12 27	5 47.30	+27 27.0	2.421	3.396	2.6	20.9
1 6	5 38.31	+27 50.1	2.473	3.409	5.9	21.1
1 16	5 30.78	+28 7.9	2.552	3.423	8.9	21.3
1 26	5 25.32	+28 21.6	2.657	3.436	11.5	21.5

479520 2014 BC_{29} 12 20.3 161°.07 1°.2/20.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 24.91	+26 55.4	1.863	2.689	13.9	21.3
11 27	6 18.03	+26 56.3	1.790	2.694	10.3	21.1
12 7	6 8.60	+26 53.2	1.742	2.699	6.2	20.8
12 17	5 57.55	+26 44.0	1.721	2.703	2.0	20.6
12 27	5 46.15	+26 28.1	1.731	2.706	3.3	20.7
1 6	5 35.75	+26 6.8	1.769	2.709	7.5	20.9
1 16	5 27.45	+25 42.8	1.834	2.711	11.5	21.2
1 26	5 21.97	+25 19.3	1.923	2.713	14.8	21.4

523459 2017 FN_{83} 12 20.3 52°.20 8°.7/20.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 16.00	− 2 2.1	2.163	2.938	14.0	20.1
11 27	6 10.96	− 2 53.4	2.107	2.950	11.8	20.0
12 7	6 4.21	− 3 27.4	2.074	2.962	9.9	19.9
12 17	5 56.42	− 3 40.6	2.066	2.975	8.7	19.8
12 27	5 48.44	− 3 31.5	2.084	2.987	8.9	19.9
1 6	5 41.15	− 3 1.0	2.128	3.000	10.3	20.0
1 16	5 35.28	− 2 12.2	2.196	3.013	12.2	20.1
1 26	5 31.37	− 1 9.5	2.286	3.026	14.2	20.3

167314 2003 UU_{246} 12 20.3 351°.10 8°.6/18.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 15.00	+11 6.1	1.168	2.024	18.5	18.6
11 27	6 11.60	+ 9 14.7	1.103	2.013	14.7	18.4
12 7	6 5.19	+ 7 31.1	1.058	2.004	10.9	18.1
12 17	5 56.74	+ 6 3.9	1.036	1.996	8.7	18.0
12 27	5 47.76	+ 5 1.0	1.038	1.990	9.8	18.0
1 6	5 39.87	+ 4 26.5	1.063	1.986	13.4	18.2
1 16	5 34.38	+ 4 20.3	1.108	1.984	17.4	18.4
1 26	5 32.18	+ 4 38.1	1.171	1.983	21.1	18.7

315723 2008 EB_{131} 12 20.3 344°.79 0°.1/20.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.70	+22 25.5	1.512	2.360	15.5	20.8
11 27	6 14.05	+22 47.2	1.437	2.352	11.5	20.5
12 7	6 6.56	+23 11.4	1.384	2.346	6.8	20.3
12 17	5 57.10	+23 35.7	1.357	2.339	1.7	19.9
12 27	5 47.01	+23 58.0	1.357	2.334	3.5	20.0
1 6	5 37.83	+24 17.2	1.383	2.329	8.6	20.3
1 16	5 30.83	+24 33.6	1.435	2.325	13.1	20.6
1 26	5 26.93	+24 48.5	1.507	2.322	17.0	20.8

405614 2005 SP_{177} 12 20.3 326°.07 3°.9/20.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.45	+33 10.1	1.763	2.594	14.4	21.1
11 27	6 15.94	+33 32.4	1.683	2.585	11.0	20.9
12 7	6 7.61	+33 46.5	1.626	2.576	7.3	20.6
12 17	5 57.35	+33 48.4	1.595	2.568	4.3	20.4
12 27	5 46.53	+33 35.6	1.592	2.560	5.0	20.5
1 6	5 36.67	+33 9.4	1.617	2.552	8.5	20.7
1 16	5 29.02	+32 33.4	1.667	2.545	12.3	20.9
1 26	5 24.44	+31 52.7	1.739	2.538	15.7	21.1

113592 2002 TM_{49} 12 20.3 100°.32 6°.4/20.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 27.08	+38 36.7	1.925	2.732	14.3	19.8
11 27	6 20.03	+39 48.8	1.863	2.743	11.3	19.6
12 7	6 10.00	+40 49.9	1.825	2.754	8.4	19.5
12 17	5 57.95	+41 33.2	1.814	2.764	6.5	19.4
12 27	5 45.37	+41 54.4	1.831	2.775	7.0	19.4
1 6	5 33.89	+41 53.8	1.876	2.785	9.4	19.6
1 16	5 24.81	+41 35.3	1.946	2.795	12.2	19.8
1 26	5 18.99	+41 5.2	2.038	2.805	14.8	20.0

84090 2002 QL_{40} 12 20.3 34°.01 10°.2/21.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 28.35	+45 6.0	1.317	2.133	19.2	18.7
11 27	6 21.96	+46 10.7	1.278	2.153	15.8	18.6
12 7	6 11.40	+46 52.1	1.257	2.173	12.6	18.4
12 17	5 58.27	+47 1.4	1.259	2.195	10.5	18.4
12 27	5 44.95	+46 35.1	1.285	2.217	10.6	18.4
1 6	5 33.75	+45 37.9	1.334	2.240	12.7	18.6
1 16	5 26.25	+44 19.7	1.406	2.264	15.5	18.9
1 26	5 23.12	+42 51.7	1.497	2.289	18.2	19.1

49450 1998 YD_{14} 12 20.3 184°.56 0°.1/20.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.60	+21 43.7	2.044	2.871	12.9	19.2
11 27	6 15.48	+22 7.1	1.966	2.871	9.5	19.0
12 7	6 7.10	+22 32.5	1.913	2.871	5.6	18.8
12 17	5 57.21	+22 57.9	1.888	2.870	1.4	18.5
12 27	5 46.88	+23 21.6	1.893	2.869	2.9	18.6
1 6	5 37.28	+23 42.7	1.928	2.868	7.0	18.8
1 16	5 29.39	+24 1.3	1.990	2.867	10.7	19.1
1 26	5 23.97	+24 18.4	2.076	2.866	13.9	19.3

202437 2005 XF_{53} 12 20.3 172°.02 1°.2/20.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 23.70	+20 50.9	1.838	2.666	14.0	21.3
11 27	6 17.09	+20 36.4	1.764	2.669	10.4	21.0
12 7	6 8.06	+20 22.8	1.714	2.671	6.2	20.8
12 17	5 57.44	+20 9.7	1.692	2.673	2.0	20.5
12 27	5 46.46	+19 57.4	1.699	2.674	3.4	20.6
1 6	5 36.40	+19 46.6	1.736	2.675	7.7	20.9
1 16	5 28.30	+19 38.8	1.799	2.675	11.7	21.1
1 26	5 22.91	+19 35.1	1.885	2.675	15.0	21.3

330507 2007 LE_{26} 12 20.3 175°.61 1°.2/20.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.00	+20 15.6	2.588	3.409	10.6	21.1
11 27	6 12.32	+19 55.5	2.508	3.410	7.9	20.9
12 7	6 5.00	+19 36.1	2.455	3.411	4.7	20.7
12 17	5 56.65	+19 17.5	2.431	3.412	1.7	20.5
12 27	5 48.06	+19 0.3	2.438	3.412	2.7	20.6
1 6	5 40.07	+18 45.4	2.475	3.412	5.9	20.8
1 16	5 33.40	+18 33.4	2.541	3.412	8.9	21.0
1 26	5 28.58	+18 25.3	2.631	3.412	11.5	21.2

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
302741 2002 UP_{18}			12 20.3	98°.21	2°.9/20.2 18	
	h m	° ′			°	m
11 17	6 24.26	+29 26.3	1.909	2.735	13.7	20.3
11 27	6 17.58	+30 12.0	1.847	2.749	10.2	20.1
12 7	6 8.37	+30 53.6	1.810	2.762	6.4	19.9
12 17	5 57.52	+31 26.6	1.800	2.776	3.2	19.7
12 27	5 46.31	+31 48.2	1.819	2.789	4.1	19.8
1 6	5 36.09	+31 58.2	1.868	2.802	7.7	20.0
1 16	5 27.94	+31 58.6	1.943	2.815	11.2	20.3
1 26	5 22.61	+31 52.9	2.042	2.828	14.2	20.5
17592 1995 DR			12 20.3	213°.43	3°.6/20.3 18	
11 17	6 21.54	+13 47.5	1.934	2.754	13.7	19.3
11 27	6 15.46	+13 32.4	1.852	2.749	10.5	19.1
12 7	6 7.11	+13 24.3	1.794	2.743	6.9	18.9
12 17	5 57.22	+13 24.1	1.764	2.736	3.9	18.7
12 27	5 46.88	+13 32.2	1.762	2.729	4.7	18.7
1 6	5 37.24	+13 48.4	1.790	2.722	8.2	18.9
1 16	5 29.31	+14 11.8	1.845	2.714	11.8	19.1
1 26	5 23.85	+14 41.3	1.922	2.706	15.0	19.3
271255 2003 UW_{104}			12 20.3	312°.79	7°.3/19.2 18	
11 17	6 16.33	+ 5 18.8	2.052	2.858	13.6	20.0
11 27	6 11.49	+ 4 5.7	1.970	2.845	11.1	19.8
12 7	6 4.71	+ 3 2.8	1.912	2.832	8.7	19.7
12 17	5 56.61	+ 2 14.6	1.880	2.819	7.4	19.6
12 27	5 48.13	+ 1 44.7	1.876	2.807	7.9	19.6
1 6	5 40.23	+ 1 34.2	1.898	2.795	10.1	19.7
1 16	5 33.79	+ 1 42.7	1.945	2.783	12.7	19.8
1 26	5 29.47	+ 2 7.2	2.014	2.771	15.3	20.0
345144 2005 SV_{79}			12 20.3	132°.29	3°.6/20.4 18	
11 17	6 27.35	+31 32.3	1.730	2.554	14.9	21.5
11 27	6 20.13	+32 6.9	1.665	2.565	11.3	21.3
12 7	6 9.99	+32 34.4	1.624	2.575	7.3	21.0
12 17	5 57.96	+32 50.1	1.610	2.584	3.9	20.9
12 27	5 45.54	+32 51.4	1.625	2.594	4.8	20.9
1 6	5 34.30	+32 39.2	1.668	2.602	8.5	21.2
1 16	5 25.49	+32 17.1	1.738	2.610	12.2	21.4
1 26	5 19.90	+31 50.1	1.830	2.618	15.5	21.7
272085 2005 EY_{322}			12 20.3	297°.67	3°.9/20.4 18	
11 17	6 16.55	+11 4.6	2.303	3.118	12.0	20.7
11 27	6 11.46	+10 51.5	2.223	3.114	9.2	20.5
12 7	6 4.60	+10 46.5	2.168	3.110	6.3	20.3
12 17	5 56.59	+10 50.7	2.140	3.106	4.1	20.2
12 27	5 48.24	+11 4.4	2.142	3.102	4.7	20.2
1 6	5 40.46	+11 27.1	2.172	3.099	7.3	20.4
1 16	5 34.01	+11 57.6	2.230	3.095	10.2	20.6
1 26	5 29.52	+12 34.3	2.312	3.091	12.9	20.7
451793 2013 HG_{9}			12 20.3	159°.06	4°.5/20.6 18	
11 17	6 19.22	+ 8 51.7	2.266	3.071	12.5	21.2
11 27	6 13.37	+ 8 44.7	2.193	3.076	9.7	21.0
12 7	6 5.70	+ 8 47.9	2.144	3.080	6.8	20.8
12 17	5 56.86	+ 9 2.2	2.122	3.084	4.7	20.7
12 27	5 47.72	+ 9 27.5	2.131	3.087	5.1	20.7
1 6	5 39.21	+10 2.7	2.168	3.090	7.6	20.9
1 16	5 32.13	+10 46.1	2.234	3.093	10.5	21.1
1 26	5 27.07	+11 35.2	2.323	3.095	13.1	21.2
107734 2001 FO_{29}			12 20.3	157°.64	1°.4/20.3 18	
11 17	6 26.62	+25 43.9	1.950	2.771	13.6	20.3
11 27	6 19.27	+26 18.1	1.879	2.780	10.1	20.1
12 7	6 9.39	+26 51.0	1.832	2.788	6.1	19.9
12 17	5 57.82	+27 19.0	1.814	2.795	2.0	19.7
12 27	5 45.84	+27 39.8	1.826	2.801	3.3	19.8
1 6	5 34.76	+27 52.6	1.869	2.806	7.4	20.0
1 16	5 25.70	+27 59.0	1.939	2.811	11.2	20.3
1 26	5 19.44	+28 1.5	2.032	2.814	14.4	20.5
337455 2001 RR_{89}			12 20.3	111°.91	0°.4/20.3 18	
11 17	6 25.70	+23 49.0	1.739	2.568	14.7	21.4
11 27	6 18.60	+24 2.7	1.680	2.586	10.8	21.2
12 7	6 8.94	+24 15.8	1.645	2.603	6.4	20.9
12 17	5 57.68	+24 25.8	1.638	2.620	1.6	20.7
12 27	5 46.19	+24 31.6	1.660	2.636	3.2	20.8
1 6	5 35.82	+24 33.3	1.711	2.652	7.7	21.1
1 16	5 27.66	+24 32.5	1.789	2.667	11.6	21.4
1 26	5 22.39	+24 31.3	1.890	2.682	14.9	21.7
466958 2016 AB_{173}			12 20.3	269°.04	2°.9/20.9 18	
11 17	6 23.54	+34 53.9	2.581	3.386	11.2	20.7
11 27	6 16.66	+34 35.5	2.479	3.366	8.6	20.5
12 7	6 7.70	+34 7.2	2.402	3.346	5.7	20.3
12 17	5 57.39	+33 26.9	2.354	3.326	3.2	20.1
12 27	5 46.72	+32 34.5	2.337	3.305	3.6	20.1
1 6	5 36.78	+31 32.3	2.352	3.284	6.5	20.2
1 16	5 28.47	+30 24.0	2.395	3.262	9.5	20.4
1 26	5 22.45	+29 14.3	2.465	3.241	12.3	20.5

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
309571 2008 AU_{53}			12 20.3	5°.16	1°.3/20.3 18	
	h m	° ′			°	m
11 17	6 20.01	+19 24.7	1.722	2.559	14.4	21.1
11 27	6 14.60	+19 31.7	1.649	2.559	10.7	20.9
12 7	6 6.71	+19 42.7	1.600	2.559	6.4	20.7
12 17	5 57.16	+19 56.6	1.578	2.559	2.1	20.4
12 27	5 47.18	+20 12.5	1.584	2.560	3.4	20.5
1 6	5 38.05	+20 29.6	1.618	2.561	7.9	20.7
1 16	5 30.86	+20 47.8	1.678	2.562	12.0	21.0
1 26	5 26.40	+21 7.5	1.761	2.563	15.4	21.2
419966 2011 BY_{140}			12 20.3	244°.27	0°.3/20.3 18	
11 17	6 19.27	+23 25.7	2.478	3.300	11.0	21.9
11 27	6 13.54	+23 43.5	2.386	3.289	8.1	21.6
12 7	6 5.90	+24 1.6	2.320	3.278	4.8	21.4
12 17	5 56.95	+24 18.6	2.284	3.266	1.3	21.1
12 27	5 47.57	+24 33.1	2.278	3.254	2.5	21.2
1 6	5 38.71	+24 44.6	2.302	3.242	6.1	21.4
1 16	5 31.21	+24 53.7	2.355	3.229	9.4	21.6
1 26	5 25.76	+25 1.5	2.432	3.216	12.2	21.8
393520 2002 TD_{87}			12 20.3	104°.30	5°.7/20.2 18	
11 17	6 21.31	+ 7 27.5	2.138	2.938	13.3	21.9
11 27	6 14.75	+ 6 44.9	2.085	2.962	10.5	21.7
12 7	6 6.41	+ 6 12.9	2.057	2.986	7.6	21.6
12 17	5 57.03	+ 5 54.0	2.057	3.009	5.8	21.5
12 27	5 47.56	+ 5 49.4	2.087	3.031	6.2	21.6
1 6	5 38.94	+ 5 58.7	2.145	3.053	8.4	21.8
1 16	5 31.91	+ 6 20.2	2.229	3.075	11.0	22.0
1 26	5 27.01	+ 6 51.5	2.337	3.095	13.4	22.2
80230 1999 VH_{171}			12 20.3	210°.07	0°.8/20.2 18	
11 17	6 24.54	+23 0.9	1.604	2.439	15.4	19.7
11 27	6 18.11	+22 36.4	1.528	2.437	11.4	19.5
12 7	6 8.85	+22 10.0	1.474	2.433	6.8	19.2
12 17	5 57.72	+21 41.4	1.448	2.430	1.9	18.9
12 27	5 46.12	+21 11.4	1.450	2.426	3.6	19.0
1 6	5 35.57	+20 42.2	1.480	2.422	8.5	19.3
1 16	5 27.29	+20 16.4	1.536	2.418	13.0	19.5
1 26	5 22.10	+19 56.2	1.614	2.413	16.8	19.7
170606 2003 YG_{33}			12 20.3	114°.28	1°.4/20.5 18	
11 17	6 23.60	+16 59.8	1.980	2.801	13.5	19.9
11 27	6 16.85	+17 37.4	1.915	2.816	10.0	19.7
12 7	6 7.87	+18 21.4	1.875	2.830	6.0	19.5
12 17	5 57.45	+19 9.4	1.864	2.845	2.1	19.3
12 27	5 46.71	+19 58.9	1.883	2.859	3.1	19.4
1 6	5 36.79	+20 47.7	1.933	2.872	7.1	19.6
1 16	5 28.67	+21 34.5	2.011	2.885	10.7	19.9
1 26	5 23.04	+22 18.8	2.112	2.898	13.8	20.1
225281 1993 FL_{35}			12 20.3	330°.57	2°.1/20.3 18	
11 17	6 21.42	+26 25.3	1.257	2.112	17.5	19.9
11 27	6 16.74	+26 53.5	1.183	2.101	13.2	19.6
12 7	6 8.52	+27 20.4	1.130	2.091	8.0	19.3
12 17	5 57.73	+27 41.6	1.101	2.082	2.8	19.0
12 27	5 46.08	+27 53.7	1.097	2.073	4.5	19.1
1 6	5 35.56	+27 56.0	1.119	2.065	10.0	19.4
1 16	5 27.80	+27 51.2	1.163	2.058	15.2	19.6
1 26	5 23.90	+27 43.0	1.227	2.052	19.5	19.9
136011 2002 VB_{64}			12 20.3	81°.79	2°.4/19.9 18	
11 17	6 22.97	+19 31.1	1.823	2.652	14.1	19.4
11 27	6 16.29	+18 38.5	1.766	2.671	10.4	19.2
12 7	6 7.43	+17 46.8	1.734	2.689	6.4	19.0
12 17	5 57.31	+16 57.9	1.730	2.708	2.8	18.8
12 27	5 47.10	+16 14.1	1.755	2.726	4.0	19.0
1 6	5 37.98	+15 37.6	1.809	2.745	7.8	19.2
1 16	5 30.83	+15 9.9	1.890	2.763	11.4	19.5
1 26	5 26.24	+14 51.7	1.994	2.781	14.5	19.7
102649 1999 VW_{48}			12 20.3	3°.58	5°.1/20.2 17	
11 17	6 22.25	+35 48.4	1.929	2.750	13.8	19.4
11 27	6 16.43	+36 39.8	1.858	2.750	10.7	19.2
12 7	6 7.89	+37 22.6	1.809	2.750	7.6	19.0
12 17	5 57.50	+37 51.5	1.788	2.750	5.3	18.9
12 27	5 46.59	+38 3.2	1.795	2.751	5.9	18.9
1 6	5 36.60	+37 57.7	1.829	2.752	8.6	19.1
1 16	5 28.74	+37 38.2	1.888	2.753	11.8	19.3
1 26	5 23.84	+37 9.6	1.971	2.755	14.7	19.5
359904 2011 WP_{81}			12 20.3	335°.71	0°.9/20.3 18	
11 17	6 20.36	+21 24.2	1.760	2.597	14.2	21.0
11 27	6 14.83	+21 18.5	1.685	2.595	10.5	20.8
12 7	6 6.84	+21 14.0	1.634	2.593	6.3	20.5
12 17	5 57.22	+21 9.9	1.609	2.591	1.8	20.2
12 27	5 47.18	+21 6.1	1.613	2.589	3.3	20.3
1 6	5 37.99	+21 2.9	1.645	2.588	7.8	20.6
1 16	5 30.75	+21 1.4	1.704	2.587	11.8	20.8
1 26	5 26.21	+21 2.6	1.784	2.585	15.3	21.1

284542 2007 RF_{244} 12 20.3 40.°45 3.°6/20.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 21.50	+14 39.1	1.274	2.121	17.9	19.2
11 27	6 15.88	+14 39.5	1.235	2.146	13.4	19.0
12 7	6 7.43	+14 50.4	1.217	2.173	8.4	18.8
12 17	5 57.33	+15 11.3	1.223	2.200	4.1	18.6
12 27	5 47.12	+15 40.8	1.255	2.228	5.0	18.8
1 6	5 38.31	+16 16.7	1.314	2.256	9.4	19.1
1 16	5 32.02	+16 56.7	1.396	2.285	13.6	19.4
1 26	5 28.87	+17 39.2	1.500	2.314	17.1	19.7

123922 2001 DJ_{106} 12 20.3 257.°04 1.°1/20.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.40	+20 3.8	2.269	3.095	11.8	20.2
11 27	6 12.94	+19 59.4	2.185	3.089	8.7	20.0
12 7	6 5.55	+19 56.8	2.125	3.082	5.2	19.8
12 17	5 56.88	+19 55.6	2.094	3.076	1.7	19.6
12 27	5 47.84	+19 55.7	2.094	3.069	2.9	19.6
1 6	5 39.41	+19 57.2	2.122	3.062	6.5	19.9
1 16	5 32.43	+20 0.6	2.179	3.055	9.9	20.1
1 26	5 27.58	+20 6.4	2.259	3.048	12.9	20.2

280000 2001 UO_{152} 12 20.3 62.°46 4.°9/19.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.89	+12 43.2	1.746	2.571	14.8	20.1
11 27	6 14.78	+11 47.8	1.698	2.595	11.2	19.9
12 7	6 6.55	+11 0.3	1.673	2.618	7.6	19.8
12 17	5 57.09	+10 23.5	1.675	2.641	5.0	19.7
12 27	5 47.57	+ 9 59.6	1.705	2.665	5.8	19.7
1 6	5 39.09	+ 9 49.1	1.763	2.688	8.8	20.0
1 16	5 32.54	+ 9 51.3	1.847	2.712	12.0	20.2
1 26	5 28.46	+10 4.3	1.953	2.735	14.9	20.5

345348 2005 YF_{191} 12 20.3 266.°18 0.°0/20.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.51	+22 50.2	1.718	2.553	14.5	21.4
11 27	6 16.71	+23 1.0	1.630	2.539	10.8	21.2
12 7	6 8.14	+23 12.8	1.566	2.525	6.5	20.9
12 17	5 57.61	+23 23.7	1.529	2.511	1.7	20.5
12 27	5 46.39	+23 32.0	1.520	2.497	3.3	20.6
1 6	5 35.93	+23 37.6	1.540	2.482	8.2	20.9
1 16	5 27.49	+23 41.4	1.585	2.467	12.6	21.1
1 26	5 22.01	+23 45.2	1.653	2.453	16.4	21.3

230790 2004 BT_{98} 12 20.3 212.°71 0.°6/20.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 24.26	+21 3.1	1.943	2.767	13.5	21.0
11 27	6 17.63	+21 12.1	1.857	2.760	10.1	20.8
12 7	6 8.51	+21 22.9	1.795	2.752	6.0	20.5
12 17	5 57.68	+21 34.3	1.761	2.743	1.7	20.2
12 27	5 46.30	+21 44.9	1.758	2.734	3.1	20.3
1 6	5 35.65	+21 54.5	1.784	2.724	7.5	20.6
1 16	5 26.84	+22 3.6	1.838	2.713	11.5	20.8
1 26	5 20.68	+22 13.4	1.915	2.702	14.9	21.0

346333 2008 RK_{31} 12 20.3 114.°98 1.°3/20.3 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 24.48	+20 8.5	1.821	2.648	14.2	22.1
11 27	6 17.55	+20 2.6	1.761	2.665	10.5	21.9
12 7	6 8.27	+19 58.7	1.726	2.683	6.2	21.7
12 17	5 57.57	+19 56.2	1.718	2.699	2.0	21.5
12 27	5 46.66	+19 54.7	1.740	2.715	3.3	21.6
1 6	5 36.80	+19 54.6	1.791	2.731	7.5	21.9
1 16	5 28.95	+19 56.6	1.870	2.746	11.3	22.2
1 26	5 23.78	+20 1.5	1.971	2.760	14.5	22.4

265934 2006 BN_{162} 12 20.3 226.°33 3.°7/20.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.21	+35 14.0	2.363	3.174	11.9	21.1
11 27	6 15.87	+35 28.0	2.281	3.170	9.1	20.9
12 7	6 7.33	+35 33.4	2.223	3.166	6.2	20.7
12 17	5 57.36	+35 27.1	2.194	3.161	3.9	20.6
12 27	5 47.03	+35 7.9	2.194	3.157	4.4	20.6
1 6	5 37.50	+34 36.9	2.224	3.152	7.0	20.7
1 16	5 29.71	+33 57.2	2.281	3.147	10.0	20.9
1 26	5 24.36	+33 13.1	2.363	3.142	12.7	21.1

477808 2011 DY_{9} 12 20.3 294.°35 1.°6/20.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 23.13	+26 2.3	1.411	2.257	16.5	21.5
11 27	6 17.80	+26 22.4	1.327	2.240	12.4	21.2
12 7	6 9.10	+26 41.1	1.264	2.224	7.6	20.9
12 17	5 57.92	+26 54.7	1.227	2.208	2.5	20.5
12 27	5 45.83	+27 0.5	1.216	2.192	4.2	20.6
1 6	5 34.66	+26 58.1	1.232	2.177	9.5	20.9
1 16	5 26.02	+26 50.0	1.272	2.161	14.6	21.1
1 26	5 21.01	+26 39.8	1.332	2.146	18.9	21.3

415685 2014 RY_{33} 12 20.3 132.°01 6.°3/20.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 26.77	+42 48.8	2.394	3.179	12.5	21.2
11 27	6 19.39	+43 36.2	2.328	3.189	10.1	21.0
12 7	6 9.46	+44 10.6	2.287	3.199	7.9	20.9
12 17	5 57.90	+44 27.2	2.272	3.208	6.4	20.8
12 27	5 46.00	+44 23.2	2.287	3.218	6.7	20.8
1 6	5 35.09	+43 59.9	2.329	3.226	8.4	21.0
1 16	5 26.27	+43 21.1	2.398	3.235	10.7	21.1
1 26	5 20.27	+42 32.5	2.490	3.243	12.8	21.3

51024 2000 GV_{109} 12 20.3 78.°61 0.°5/20.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 21.09	+21 9.7	1.826	2.660	13.9	18.9
11 27	6 15.28	+21 24.7	1.757	2.665	10.2	18.7
12 7	6 7.08	+21 42.1	1.711	2.670	6.1	18.5
12 17	5 57.31	+22 0.1	1.693	2.675	1.6	18.2
12 27	5 47.17	+22 17.4	1.704	2.680	3.1	18.3
1 6	5 37.88	+22 33.4	1.743	2.686	7.4	18.6
1 16	5 30.50	+22 48.3	1.809	2.691	11.4	18.8
1 26	5 25.75	+23 3.0	1.898	2.696	14.6	19.1

403300 2009 BH_{162} 12 20.3 336.°18 0.°4/20.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.63	+23 37.8	1.688	2.526	14.6	21.7
11 27	6 15.95	+23 52.3	1.614	2.524	10.8	21.4
12 7	6 7.61	+24 7.1	1.563	2.523	6.4	21.2
12 17	5 57.47	+24 20.0	1.539	2.522	1.7	20.9
12 27	5 46.84	+24 29.3	1.544	2.520	3.3	21.0
1 6	5 37.11	+24 35.0	1.576	2.519	8.0	21.3
1 16	5 29.48	+24 38.1	1.634	2.519	12.2	21.5
1 26	5 24.75	+24 40.5	1.715	2.518	15.8	21.7

33424 1999 DC_{2} 12 20.3 267.°41 13.°1/19.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.20	−10 1.5	1.858	2.597	17.2	18.7
11 27	6 14.70	−11 9.6	1.776	2.577	15.5	18.6
12 7	6 6.84	−11 53.8	1.712	2.556	13.9	18.4
12 17	5 57.30	−12 7.0	1.671	2.535	13.1	18.3
12 27	5 47.12	−11 44.6	1.652	2.514	13.4	18.3
1 6	5 37.51	−10 46.8	1.658	2.493	14.7	18.3
1 16	5 29.54	− 9 17.8	1.685	2.471	16.7	18.4
1 26	5 24.06	− 7 25.0	1.731	2.448	18.9	18.5

131437 2001 QX_{37} 12 20.3 148.°18 1.°9/20.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.21	+16 17.9	2.776	3.592	10.2	20.3
11 27	6 11.68	+16 18.6	2.701	3.598	7.6	20.2
12 7	6 4.65	+16 23.2	2.652	3.604	4.7	20.0
12 17	5 56.67	+16 31.6	2.632	3.610	2.2	19.8
12 27	5 48.47	+16 43.5	2.644	3.615	2.9	19.9
1 6	5 40.78	+16 58.5	2.686	3.620	5.6	20.1
1 16	5 34.28	+17 16.3	2.756	3.625	8.4	20.3
1 26	5 29.46	+17 36.6	2.852	3.629	10.8	20.5

404254 2013 EF_{33} 12 20.3 249.°35 6.°5/20.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 26.45	+40 44.0	2.060	2.860	13.7	21.2
11 27	6 19.65	+41 30.3	1.977	2.850	11.1	21.0
12 7	6 9.90	+42 4.3	1.916	2.840	8.4	20.9
12 17	5 58.08	+42 20.2	1.882	2.829	6.6	20.7
12 27	5 45.61	+42 14.3	1.876	2.818	7.0	20.7
1 6	5 34.09	+41 47.0	1.898	2.807	9.3	20.9
1 16	5 24.83	+41 2.8	1.945	2.796	12.2	21.0
1 26	5 18.76	+40 8.2	2.015	2.784	14.9	21.2

254808 2005 QW_{111} 12 20.3 194.°56 5.°4/20.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 25.42	+39 18.4	2.227	3.027	12.8	20.5
11 27	6 18.49	+39 49.1	2.149	3.026	10.2	20.3
12 7	6 8.99	+40 8.4	2.095	3.025	7.5	20.1
12 17	5 57.81	+40 11.7	2.069	3.023	5.6	20.0
12 27	5 46.21	+39 56.7	2.071	3.021	5.9	20.0
1 6	5 35.56	+39 24.7	2.103	3.018	8.2	20.2
1 16	5 26.97	+38 39.5	2.161	3.016	10.9	20.4
1 26	5 21.20	+37 46.9	2.242	3.013	13.5	20.5

464501 2016 BW_{75} 12 20.3 345.°11 6.°7/21.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 16.77	+ 3 57.4	1.855	2.662	14.8	20.4
11 27	6 12.05	+ 3 55.4	1.778	2.655	12.0	20.2
12 7	6 5.18	+ 4 10.4	1.723	2.649	9.1	20.0
12 17	5 56.86	+ 4 44.6	1.693	2.643	7.0	19.9
12 27	5 48.09	+ 5 37.8	1.691	2.638	7.2	19.9
1 6	5 39.96	+ 6 47.6	1.716	2.633	9.5	20.0
1 16	5 33.43	+ 8 9.6	1.766	2.630	12.6	20.2
1 26	5 29.23	+ 9 39.2	1.840	2.626	15.5	20.4

515118 2011 DX_{48} 12 20.3 258.°67 5.°0/20.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 26.99	+34 19.2	1.615	2.441	15.8	22.1
11 27	6 20.54	+34 58.3	1.530	2.427	12.2	21.9
12 7	6 10.67	+35 28.8	1.468	2.414	8.4	21.6
12 17	5 58.32	+35 44.3	1.431	2.400	5.3	21.4
12 27	5 45.12	+35 40.4	1.422	2.386	6.1	21.4
1 6	5 32.94	+35 17.7	1.440	2.371	9.8	21.6
1 16	5 23.35	+34 40.6	1.483	2.357	13.9	21.8
1 26	5 17.43	+33 56.2	1.548	2.342	17.6	22.0

420151 2011 FV_{139} 12 20.3 76.°80 3.°7/20.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.39	+34 32.7	2.294	3.109	12.0	21.1
11 27	6 15.26	+34 56.9	2.225	3.117	9.2	20.9
12 7	6 6.96	+35 13.1	2.180	3.124	6.2	20.7
12 17	5 57.28	+35 18.3	2.163	3.131	3.9	20.6
12 27	5 47.32	+35 10.9	2.176	3.139	4.4	20.7
1 6	5 38.20	+34 51.8	2.218	3.146	7.0	20.8
1 16	5 30.85	+34 23.8	2.287	3.153	9.9	21.0
1 26	5 25.94	+33 50.8	2.379	3.161	12.5	21.2

485167 2010 RF_{112} 12 20.3 113°.18 2°.3/20.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 23.20	+29 24.4	2.140	2.961	12.6	21.9
11 27	6 16.56	+29 47.8	2.075	2.975	9.4	21.7
12 7	6 7.71	+30 6.6	2.035	2.988	5.8	21.5
12 17	5 57.47	+30 17.9	2.024	3.001	2.6	21.3
12 27	5 46.97	+30 20.2	2.042	3.014	3.5	21.4
1 6	5 37.36	+30 13.9	2.091	3.027	6.9	21.6
1 16	5 29.60	+30 1.3	2.166	3.039	10.2	21.8
1 26	5 24.34	+29 45.3	2.266	3.051	13.0	22.1

442398 2011 UA_{48} 12 20.3 33°.96 3°.5/20.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.04	+17 8.0	1.508	2.350	15.8	20.9
11 27	6 14.68	+16 23.4	1.449	2.359	11.9	20.7
12 7	6 6.75	+15 43.2	1.412	2.368	7.5	20.5
12 17	5 57.24	+15 9.3	1.402	2.378	3.8	20.3
12 27	5 47.47	+14 43.9	1.418	2.389	4.9	20.4
1 6	5 38.80	+14 28.4	1.462	2.400	9.0	20.6
1 16	5 32.30	+14 23.1	1.530	2.411	13.1	20.9
1 26	5 28.65	+14 27.4	1.619	2.423	16.5	21.2

485567 2011 UZ_{172} 12 20.3 24°.51 7°.4/19.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 24.48	+36 52.3	1.410	2.244	17.2	20.3
11 27	6 18.94	+38 19.1	1.355	2.252	13.5	20.1
12 7	6 9.77	+39 34.8	1.322	2.261	9.9	19.9
12 17	5 58.09	+40 30.3	1.313	2.271	7.5	19.8
12 27	5 45.76	+40 59.5	1.330	2.282	8.2	19.9
1 6	5 34.82	+41 2.4	1.373	2.293	11.2	20.1
1 16	5 26.86	+40 44.3	1.438	2.305	14.6	20.3
1 26	5 22.85	+40 12.6	1.523	2.318	17.8	20.6

518091 2016 AW_{228} 12 20.3 5°.11 4°.8/20.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.51	+35 44.2	2.034	2.853	13.2	21.2
11 27	6 15.75	+36 25.5	1.962	2.853	10.2	21.0
12 7	6 7.46	+36 58.2	1.913	2.854	7.2	20.8
12 17	5 57.47	+37 17.8	1.891	2.854	4.9	20.7
12 27	5 47.02	+37 21.5	1.898	2.856	5.5	20.7
1 6	5 37.45	+37 9.7	1.932	2.857	8.1	20.9
1 16	5 29.89	+36 45.6	1.992	2.858	11.2	21.1
1 26	5 25.11	+36 13.8	2.076	2.860	14.0	21.3

60446 2000 CA_{88} 12 20.3 213°.61 0°.3/20.3 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.19	+21 58.3	2.743	3.563	10.2	19.9
11 27	6 12.55	+22 1.8	2.656	3.557	7.5	19.7
12 7	6 5.25	+22 5.8	2.594	3.551	4.4	19.5
12 17	5 56.87	+22 9.4	2.562	3.544	1.2	19.3
12 27	5 48.18	+22 12.4	2.562	3.538	2.3	19.3
1 6	5 39.99	+22 14.6	2.592	3.531	5.5	19.6
1 16	5 33.03	+22 16.6	2.651	3.523	8.5	19.7
1 26	5 27.86	+22 19.1	2.735	3.516	11.1	19.9

262021 2006 QV_{104} 12 20.3 78°.20 1°.0/20.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 27.81	+24 42.0	1.346	2.186	17.4	20.4
11 27	6 20.68	+25 5.5	1.299	2.210	12.8	20.1
12 7	6 10.39	+25 27.6	1.274	2.234	7.6	19.9
12 17	5 58.17	+25 44.7	1.275	2.257	2.2	19.6
12 27	5 45.78	+25 54.7	1.303	2.280	3.8	19.8
1 6	5 34.94	+25 57.8	1.359	2.303	9.0	20.2
1 16	5 26.91	+25 56.6	1.440	2.325	13.4	20.5
1 26	5 22.41	+25 54.1	1.541	2.347	17.1	20.8

82765 2001 QP_{11} 12 20.3 76°.46 2°.7/20.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.58	+15 50.3	1.834	2.662	14.0	19.3
11 27	6 14.72	+15 46.0	1.773	2.676	10.5	19.1
12 7	6 6.66	+15 47.9	1.736	2.690	6.6	18.9
12 17	5 57.23	+15 56.0	1.726	2.704	3.1	18.8
12 27	5 47.55	+16 9.9	1.746	2.717	4.0	18.8
1 6	5 38.78	+16 29.0	1.793	2.731	7.7	19.1
1 16	5 31.83	+16 52.4	1.868	2.745	11.3	19.3
1 26	5 27.37	+17 19.3	1.965	2.758	14.4	19.6

86765 2000 GC_{84} 12 20.3 141°.77 1°.9/20.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 23.79	+17 28.0	1.748	2.576	14.7	19.7
11 27	6 17.29	+17 38.0	1.680	2.583	10.9	19.5
12 7	6 8.30	+17 53.8	1.635	2.591	6.7	19.2
12 17	5 57.68	+18 14.1	1.618	2.598	2.5	19.0
12 27	5 46.66	+18 37.6	1.630	2.604	3.7	19.1
1 6	5 36.56	+19 3.4	1.671	2.610	8.0	19.4
1 16	5 28.47	+19 30.7	1.738	2.616	11.9	19.6
1 26	5 23.15	+19 59.3	1.828	2.621	15.3	19.8

368402 2002 TV_{57} 12 20.3 114°.38 0°.7/20.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.12	+26 46.6	2.693	3.511	10.4	21.6
11 27	6 13.82	+26 39.0	2.627	3.527	7.6	21.5
12 7	6 5.90	+26 28.2	2.587	3.543	4.5	21.3
12 17	5 57.02	+26 13.4	2.577	3.558	1.4	21.1
12 27	5 48.01	+25 54.7	2.598	3.574	2.3	21.2
1 6	5 39.71	+25 33.1	2.650	3.589	5.5	21.4
1 16	5 32.81	+25 10.1	2.731	3.603	8.3	21.6
1 26	5 27.82	+24 47.7	2.837	3.617	10.8	21.8

354303 2002 TO_{178} 12 20.3 108°.52 3°.7/19.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 21.32	+15 25.9	1.931	2.755	13.6	20.3
11 27	6 15.12	+14 32.6	1.866	2.765	10.3	20.1
12 7	6 6.83	+13 43.3	1.825	2.774	6.7	19.9
12 17	5 57.27	+13 0.3	1.812	2.784	3.9	19.8
12 27	5 47.52	+12 26.0	1.828	2.793	4.8	19.9
1 6	5 38.64	+12 1.9	1.873	2.802	8.1	20.1
1 16	5 31.54	+11 48.6	1.945	2.811	11.5	20.3
1 26	5 26.83	+11 45.4	2.040	2.820	14.4	20.5

390429 2013 YL_{49} 12 20.3 329°.27 1°.0/20.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.48	+21 23.4	1.267	2.122	17.4	21.1
11 27	6 15.88	+21 19.9	1.192	2.111	13.0	20.8
12 7	6 7.96	+21 18.7	1.139	2.101	7.9	20.5
12 17	5 57.68	+21 18.8	1.109	2.091	2.2	20.1
12 27	5 46.64	+21 19.5	1.105	2.082	4.1	20.2
1 6	5 36.65	+21 21.0	1.126	2.074	9.8	20.5
1 16	5 29.25	+21 24.4	1.171	2.066	15.0	20.8
1 26	5 25.45	+21 31.2	1.235	2.060	19.4	21.0

81831 2000 KM_{46} 12 20.3 214°.35 4°.9/19.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.43	+10 24.2	2.240	3.049	12.5	19.9
11 27	6 13.64	+ 9 34.9	2.158	3.044	9.7	19.7
12 7	6 5.97	+ 8 52.4	2.101	3.038	6.9	19.5
12 17	5 57.09	+ 8 19.3	2.073	3.032	5.0	19.4
12 27	5 47.87	+ 7 57.7	2.073	3.025	5.6	19.4
1 6	5 39.26	+ 7 48.5	2.103	3.018	8.2	19.6
1 16	5 32.08	+ 7 51.5	2.159	3.011	11.1	19.8
1 26	5 26.97	+ 8 5.3	2.239	3.004	13.7	19.9

196123 2002 TN_{193} 12 20.3 73°.02 3°.4/20.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.00	+33 32.1	2.298	3.115	11.9	19.9
11 27	6 14.99	+33 58.6	2.228	3.121	9.1	19.7
12 7	6 6.83	+34 18.1	2.182	3.128	6.1	19.5
12 17	5 57.30	+34 27.4	2.164	3.134	3.7	19.4
12 27	5 47.46	+34 25.0	2.176	3.141	4.2	19.5
1 6	5 38.43	+34 11.4	2.217	3.147	6.9	19.6
1 16	5 31.12	+33 49.2	2.285	3.154	9.9	19.8
1 26	5 26.22	+33 21.9	2.378	3.160	12.5	20.0

76396 2000 FH_{12} 12 20.3 253°.49 6°.0/20.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 23.81	+40 28.1	2.384	3.181	12.2	19.4
11 27	6 17.40	+41 28.3	2.305	3.176	9.8	19.3
12 7	6 8.47	+42 18.6	2.250	3.170	7.5	19.1
12 17	5 57.76	+42 53.7	2.222	3.165	6.1	19.0
12 27	5 46.47	+43 9.9	2.223	3.160	6.5	19.0
1 6	5 35.91	+43 7.2	2.252	3.154	8.4	19.1
1 16	5 27.23	+42 48.2	2.307	3.148	10.9	19.3
1 26	5 21.25	+42 17.8	2.385	3.143	13.2	19.4

262397 2006 UM_{11} 12 20.3 135°.93 1°.9/20.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 23.12	+28 7.4	2.181	3.002	12.4	20.9
11 27	6 16.52	+28 32.5	2.112	3.012	9.2	20.7
12 7	6 7.73	+28 54.2	2.068	3.022	5.6	20.5
12 17	5 57.53	+29 9.6	2.052	3.031	2.3	20.3
12 27	5 47.02	+29 17.2	2.066	3.039	3.3	20.4
1 6	5 37.33	+29 17.0	2.110	3.047	6.8	20.6
1 16	5 29.41	+29 10.9	2.183	3.055	10.1	20.9
1 26	5 23.94	+29 1.4	2.279	3.062	12.9	21.1

313283 2002 AR_{206} 12 20.3 1°.91 7°.7/21.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 16.50	+ 4 57.4	1.436	2.262	17.3	19.3
11 27	6 12.31	+ 4 42.4	1.371	2.260	13.9	19.1
12 7	6 5.53	+ 4 47.0	1.326	2.259	10.5	18.8
12 17	5 57.01	+ 5 14.2	1.305	2.260	8.0	18.7
12 27	5 48.02	+ 6 4.2	1.310	2.261	8.2	18.7
1 6	5 39.92	+ 7 13.8	1.339	2.264	11.0	18.9
1 16	5 33.86	+ 8 37.7	1.393	2.268	14.5	19.1
1 26	5 30.62	+10 9.8	1.467	2.273	17.8	19.3

133307 2003 SZ_{51} 12 20.3 50°.75 2°.6/20.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.06	+29 52.6	1.970	2.799	13.2	19.7
11 27	6 15.19	+30 19.9	1.909	2.812	9.8	19.5
12 7	6 7.00	+30 42.2	1.872	2.826	6.2	19.3
12 17	5 57.35	+30 56.3	1.863	2.840	3.0	19.1
12 27	5 47.43	+31 0.6	1.883	2.854	3.8	19.2
1 6	5 38.44	+30 55.6	1.931	2.869	7.2	19.4
1 16	5 31.39	+30 43.6	2.006	2.883	10.6	19.7
1 26	5 26.94	+30 27.6	2.105	2.898	13.6	19.9

300680 2007 VL_{26} 12 20.3 318°.91 2°.8/20.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.38	+28 53.7	1.557	2.398	15.4	20.5
11 27	6 16.28	+29 22.6	1.475	2.385	11.7	20.2
12 7	6 8.10	+29 47.7	1.415	2.372	7.3	20.0
12 17	5 57.72	+30 4.8	1.381	2.360	3.3	19.7
12 27	5 46.59	+30 10.9	1.374	2.348	4.5	19.7
1 6	5 36.36	+30 5.9	1.394	2.336	9.0	20.0
1 16	5 28.47	+29 52.3	1.439	2.325	13.4	20.2
1 26	5 23.90	+29 34.2	1.505	2.315	17.3	20.4

119619 2001 WP_{39} 12 20.3 29°.06 1°.9/20.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 21.09	+17 27.9	1.223	2.076	18.1	18.4
11 27	6 16.07	+17 51.2	1.169	2.085	13.4	18.1
12 7	6 7.89	+18 23.3	1.135	2.096	8.1	17.9
12 17	5 57.62	+19 2.3	1.126	2.107	2.8	17.6
12 27	5 46.91	+19 45.1	1.142	2.119	4.3	17.7
1 6	5 37.47	+20 29.1	1.185	2.132	9.5	18.0
1 16	5 30.67	+21 12.4	1.250	2.145	14.3	18.4
1 26	5 27.33	+21 54.3	1.336	2.159	18.3	18.6

179171 2001 TF_{91} 12 20.3 105°.13 2°.6/20.4 18

11 17	6 22.75	+30 18.5	1.967	2.792	13.3	20.5
11 27	6 16.50	+30 37.3	1.896	2.798	10.0	20.3
12 7	6 7.83	+30 50.5	1.850	2.803	6.3	20.1
12 17	5 57.58	+30 54.9	1.832	2.809	3.0	19.9
12 27	5 46.98	+30 49.1	1.842	2.814	3.8	19.9
1 6	5 37.32	+30 34.0	1.882	2.819	7.4	20.2
1 16	5 29.63	+30 12.1	1.948	2.824	10.9	20.4
1 26	5 24.65	+29 47.2	2.038	2.829	14.0	20.6

97483 2000 CU_{64} 12 20.3 49°.11 4°.4/20.8 17

11 17	6 22.82	+35 54.7	1.969	2.787	13.6	19.1
11 27	6 16.57	+36 14.9	1.908	2.800	10.5	18.9
12 7	6 7.84	+36 24.6	1.870	2.812	7.2	18.7
12 17	5 57.57	+36 20.4	1.858	2.824	4.7	18.6
12 27	5 47.06	+36 0.8	1.876	2.837	5.1	18.7
1 6	5 37.64	+35 27.8	1.921	2.850	7.9	18.9
1 16	5 30.34	+34 45.3	1.993	2.864	11.0	19.1
1 26	5 25.85	+33 58.4	2.088	2.877	13.8	19.3

350538 2000 RZ_{60} 12 20.4 68°.51 0°.8/20.3 16

11 17	6 26.40	+22 16.6	1.482	2.319	16.3	21.4
11 27	6 19.18	+22 1.8	1.441	2.350	12.0	21.2
12 7	6 9.29	+21 47.2	1.422	2.381	7.0	21.0
12 17	5 57.91	+21 32.0	1.429	2.411	1.9	20.7
12 27	5 46.55	+21 16.7	1.465	2.442	3.5	20.9
1 6	5 36.66	+21 2.5	1.529	2.472	8.3	21.3
1 16	5 29.27	+20 51.2	1.619	2.502	12.4	21.6
1 26	5 24.95	+20 44.1	1.731	2.531	15.7	21.9

144515 2004 EY_{76} 12 20.4 258°.85 0°.9/20.4 17

11 17	6 20.48	+20 25.6	1.951	2.782	13.2	20.4
11 27	6 14.84	+20 30.2	1.868	2.774	9.8	20.2
12 7	6 6.90	+20 37.3	1.809	2.767	5.9	20.0
12 17	5 57.38	+20 45.8	1.778	2.759	1.8	19.7
12 27	5 47.38	+20 55.0	1.776	2.752	3.1	19.8
1 6	5 38.07	+21 4.7	1.803	2.744	7.3	20.0
1 16	5 30.50	+21 15.0	1.856	2.736	11.2	20.2
1 26	5 25.42	+21 26.8	1.933	2.728	14.5	20.4

118594 2000 GZ_{89} 12 20.4 210°.88 1°.8/20.5 18 R

11 17	6 23.15	+17 49.8	1.696	2.527	14.9	20.1
11 27	6 17.06	+18 3.3	1.619	2.524	11.1	19.8
12 7	6 8.32	+18 22.9	1.564	2.521	6.8	19.6
12 17	5 57.76	+18 47.3	1.537	2.517	2.5	19.3
12 27	5 46.63	+19 14.9	1.538	2.514	3.7	19.4
1 6	5 36.33	+19 44.3	1.568	2.509	8.2	19.6
1 16	5 28.04	+20 14.8	1.625	2.505	12.5	19.9
1 26	5 22.62	+20 46.2	1.703	2.500	16.1	20.1

271605 2004 PU_{7} 12 20.4 133°.18 1°.7/20.3 16

11 17	6 23.96	+19 15.4	1.915	2.738	13.7	22.0
11 27	6 17.15	+19 1.2	1.849	2.752	10.2	21.8
12 7	6 8.10	+18 49.4	1.809	2.764	6.1	21.6
12 17	5 57.65	+18 39.7	1.796	2.776	2.3	21.3
12 27	5 46.96	+18 32.4	1.813	2.787	3.4	21.5
1 6	5 37.21	+18 28.0	1.860	2.798	7.4	21.7
1 16	5 29.36	+18 27.3	1.934	2.808	11.1	22.0
1 26	5 24.06	+18 30.7	2.031	2.818	14.2	22.2

418504 2008 SA_{3} 12 20.4 114°.18 6°.3/20.8 18

11 17	6 27.18	+45 14.6	2.720	3.489	11.6	21.3
11 27	6 19.47	+46 1.1	2.661	3.508	9.5	21.2
12 7	6 9.45	+46 34.2	2.627	3.526	7.6	21.1
12 17	5 57.99	+46 49.5	2.621	3.544	6.4	21.0
12 27	5 46.29	+46 44.9	2.643	3.561	6.6	21.1
1 6	5 35.55	+46 21.7	2.694	3.578	8.0	21.2
1 16	5 26.77	+45 43.4	2.771	3.594	9.8	21.3
1 26	5 20.60	+44 55.3	2.872	3.610	11.6	21.5

479824 2014 FZ_{62} 12 20.4 275°.65 2°.9/20.2 18

11 17	6 21.58	+17 44.4	1.631	2.466	15.1	21.1
11 27	6 16.03	+17 14.7	1.546	2.454	11.4	20.8
12 7	6 7.78	+16 48.0	1.485	2.441	7.2	20.5
12 17	5 57.65	+16 25.7	1.449	2.428	3.3	20.3
12 27	5 46.91	+16 9.0	1.442	2.414	4.5	20.3
1 6	5 36.98	+15 59.1	1.462	2.401	9.0	20.5
1 16	5 29.07	+15 57.0	1.508	2.388	13.3	20.8
1 26	5 24.07	+16 2.7	1.575	2.375	17.1	21.0

354464 2004 BU_{137} 12 20.4 217°.58 1°.3/20.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 22.44	+27 6.0	2.353	3.172	11.6	22.3
11 27	6 16.03	+27 18.3	2.264	3.164	8.7	22.1
12 7	6 7.50	+27 27.9	2.200	3.155	5.3	21.8
12 17	5 57.54	+27 32.5	2.165	3.145	1.8	21.6
12 27	5 47.15	+27 31.1	2.161	3.135	2.9	21.7
1 6	5 37.38	+27 23.8	2.187	3.125	6.5	21.9
1 16	5 29.18	+27 12.3	2.242	3.114	9.9	22.1
1 26	5 23.27	+26 58.8	2.320	3.102	12.8	22.2

27195 1999 CD_{61} 12 20.4 121°.62 1°.8/20.3 18

11 17	6 17.70	+17 38.0	2.586	3.405	10.7	18.7
11 27	6 12.14	+17 26.5	2.514	3.414	7.9	18.5
12 7	6 5.00	+17 17.9	2.469	3.423	4.9	18.3
12 17	5 56.87	+17 12.3	2.453	3.431	2.1	18.2
12 27	5 48.54	+17 9.9	2.467	3.439	2.9	18.2
1 6	5 40.81	+17 10.9	2.512	3.448	5.9	18.5
1 16	5 34.36	+17 15.4	2.585	3.456	8.8	18.7
1 26	5 29.72	+17 23.4	2.683	3.463	11.3	18.8

321450 2009 QN_{63} 12 20.4 106°.27 0°.4/20.4 18

11 17	6 20.56	+22 17.4	2.238	3.062	12.0	21.3
11 27	6 14.45	+22 16.4	2.172	3.076	8.8	21.1
12 7	6 6.43	+22 15.7	2.132	3.089	5.2	20.9
12 17	5 57.24	+22 14.2	2.120	3.103	1.4	20.7
12 27	5 47.84	+22 11.8	2.139	3.115	2.6	20.8
1 6	5 39.21	+22 8.7	2.188	3.128	6.3	21.1
1 16	5 32.18	+22 5.9	2.265	3.141	9.6	21.3
1 26	5 27.34	+22 4.3	2.365	3.153	12.4	21.5

492842 2014 QR_{328} 12 20.4 74°.84 3°.1/20.4 18

11 17	6 18.99	+14 2.8	2.144	2.964	12.6	21.6
11 27	6 13.25	+13 49.0	2.087	2.984	9.5	21.4
12 7	6 5.69	+13 41.7	2.054	3.003	6.1	21.2
12 17	5 57.04	+13 41.3	2.050	3.022	3.4	21.1
12 27	5 48.24	+13 48.1	2.074	3.042	4.1	21.2
1 6	5 40.22	+14 1.5	2.129	3.061	7.0	21.4
1 16	5 33.75	+14 20.8	2.210	3.080	10.1	21.6
1 26	5 29.38	+14 45.0	2.315	3.098	12.8	21.8

409307 2004 TL_{97} 12 20.4 39°.02 2°.9/20.3 18

11 17	6 18.55	+16 18.2	1.821	2.654	13.9	20.9
11 27	6 13.29	+15 57.2	1.759	2.664	10.4	20.7
12 7	6 5.88	+15 41.4	1.720	2.675	6.6	20.5
12 17	5 57.12	+15 31.6	1.709	2.685	3.2	20.3
12 27	5 48.12	+15 28.5	1.726	2.697	4.2	20.4
1 6	5 39.98	+15 32.2	1.771	2.708	7.8	20.7
1 16	5 33.64	+15 42.3	1.842	2.720	11.3	20.9
1 26	5 29.72	+15 58.1	1.935	2.732	14.4	21.1

283763 2003 FO_{131} 12 20.4 196°.53 3°.6/20.3 18

11 17	6 22.08	+13 31.3	2.077	2.891	13.1	21.6
11 27	6 15.77	+13 10.0	1.995	2.889	10.0	21.4
12 7	6 7.34	+12 55.2	1.939	2.886	6.6	21.1
12 17	5 57.51	+12 47.8	1.910	2.882	3.9	21.0
12 27	5 47.29	+12 48.6	1.912	2.877	4.6	21.0
1 6	5 37.75	+12 57.6	1.943	2.872	7.8	21.2
1 16	5 29.83	+13 14.2	2.001	2.866	11.2	21.4
1 26	5 24.21	+13 37.5	2.082	2.859	14.2	21.6

411148 2009 YN_{22} 12 20.4 7°.51 0°.4/20.3 17

11 17	6 18.86	+20 47.0	1.609	2.452	14.9	19.8
11 27	6 14.08	+21 47.6	1.541	2.454	11.0	19.6
12 7	6 6.64	+22 54.3	1.496	2.457	6.5	19.3
12 17	5 57.37	+24 2.8	1.478	2.461	1.7	19.0
12 27	5 47.55	+25 8.8	1.489	2.466	3.3	19.2
1 6	5 38.56	+26 8.7	1.527	2.472	8.0	19.4
1 16	5 31.63	+27 1.2	1.591	2.479	12.2	19.7
1 26	5 27.59	+27 46.4	1.677	2.487	15.8	20.0

511782 2015 EN_{20} 12 20.4 187°.83 2°.2/20.4 18

11 17	6 27.50	+28 31.8	1.656	2.484	15.3	22.0
11 27	6 20.47	+28 46.0	1.580	2.484	11.5	21.8
12 7	6 10.42	+28 55.1	1.528	2.484	7.1	21.5
12 17	5 58.33	+28 55.6	1.503	2.482	2.8	21.3
12 27	5 45.72	+28 45.5	1.506	2.480	4.0	21.3
1 6	5 34.19	+28 26.1	1.538	2.478	8.5	21.6
1 16	5 25.07	+28 0.7	1.596	2.475	12.8	21.8
1 26	5 19.24	+27 33.9	1.676	2.471	16.4	22.1

269829 2000 AM_{209} 12 20.4 238°.86 1°.8/20.2 18

11 17	6 19.08	+19 24.8	2.284	3.108	11.8	20.6
11 27	6 13.42	+18 53.9	2.201	3.104	8.8	20.4
12 7	6 5.89	+18 23.8	2.143	3.099	5.4	20.2
12 17	5 57.13	+17 55.3	2.114	3.093	2.2	19.9
12 27	5 48.07	+17 29.6	2.115	3.088	3.2	20.0
1 6	5 39.65	+17 7.7	2.146	3.083	6.7	20.2
1 16	5 32.71	+16 50.9	2.205	3.077	10.0	20.4
1 26	5 27.85	+16 39.8	2.287	3.072	12.9	20.6

449190 2013 CM_{23} 12 20.4 292°.28 4°.0/20.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 24.58	+34 21.1	1.744	2.569	14.8	20.8
11 27	6 18.34	+34 28.4	1.664	2.561	11.4	20.5
12 7	6 9.16	+34 25.1	1.606	2.554	7.6	20.3
12 17	5 58.01	+34 7.2	1.575	2.547	4.4	20.1
12 27	5 46.36	+33 33.2	1.572	2.540	5.0	20.1
1 6	5 35.79	+32 45.5	1.597	2.533	8.6	20.3
1 16	5 27.57	+31 49.1	1.648	2.526	12.5	20.5
1 26	5 22.56	+30 50.1	1.722	2.519	15.9	20.8

98651 2000 WS_{143} 12 20.4 297°.29 0°.1/20.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.46	+22 6.0	1.626	2.465	15.0	19.3
11 27	6 16.27	+22 30.1	1.532	2.443	11.2	19.1
12 7	6 8.14	+22 57.7	1.461	2.421	6.8	18.8
12 17	5 57.82	+23 26.2	1.416	2.398	1.8	18.4
12 27	5 46.59	+23 53.1	1.399	2.376	3.5	18.4
1 6	5 35.99	+24 16.9	1.410	2.354	8.6	18.7
1 16	5 27.44	+24 37.6	1.446	2.332	13.4	18.9
1 26	5 21.98	+24 56.6	1.503	2.310	17.4	19.1

126679 2002 CX_{218} 12 20.4 39°.83 1°.2/20.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.38	+19 59.8	1.870	2.705	13.6	19.3
11 27	6 13.97	+19 57.8	1.803	2.711	10.0	19.1
12 7	6 6.32	+19 58.4	1.759	2.717	6.0	18.9
12 17	5 57.25	+20 1.0	1.742	2.723	1.9	18.6
12 27	5 47.87	+20 5.2	1.754	2.730	3.2	18.7
1 6	5 39.32	+20 11.0	1.795	2.737	7.3	19.0
1 16	5 32.56	+20 18.6	1.862	2.744	11.1	19.2
1 26	5 28.29	+20 28.5	1.952	2.751	14.2	19.5

483264 2015 TG_{148} 12 20.4 188°.57 4°.7/20.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 25.83	+35 41.2	2.038	2.849	13.4	21.1
11 27	6 19.00	+36 21.4	1.961	2.849	10.4	20.9
12 7	6 9.45	+36 52.7	1.909	2.848	7.3	20.7
12 17	5 58.09	+37 10.2	1.883	2.847	4.9	20.6
12 27	5 46.21	+37 11.0	1.887	2.846	5.5	20.6
1 6	5 35.26	+36 55.6	1.920	2.844	8.3	20.8
1 16	5 26.43	+36 27.4	1.979	2.842	11.5	21.0
1 26	5 20.54	+35 51.8	2.061	2.839	14.3	21.1

461013 2014 WV_{388} 12 20.4 83°.46 2°.5/20.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.42	+12 1.3	2.472	3.274	11.7	20.8
11 27	6 15.54	+12 42.5	2.415	3.302	8.8	20.6
12 7	6 6.98	+13 31.8	2.385	3.330	5.6	20.5
12 17	5 57.39	+14 27.7	2.384	3.358	2.9	20.3
12 27	5 47.64	+15 28.0	2.416	3.385	3.3	20.4
1 6	5 38.59	+16 30.2	2.480	3.412	6.1	20.6
1 16	5 30.96	+17 32.4	2.573	3.439	9.0	20.8
1 26	5 25.29	+18 33.1	2.692	3.465	11.5	21.1

130403 2000 OZ_{13} 12 20.4 185°.42 1°.0/20.4 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 26.55	+25 44.1	1.465	2.302	16.4	19.6
11 27	6 19.99	+25 51.3	1.393	2.303	12.3	19.4
12 7	6 10.24	+25 55.7	1.344	2.302	7.4	19.1
12 17	5 58.31	+25 54.7	1.320	2.302	2.2	18.8
12 27	5 45.83	+25 46.5	1.325	2.301	3.8	18.9
1 6	5 34.51	+25 32.4	1.357	2.300	9.0	19.2
1 16	5 25.78	+25 15.3	1.414	2.298	13.7	19.4
1 26	5 20.53	+24 58.7	1.492	2.297	17.6	19.7

347776 2002 CC_{205} 12 20.4 261°.49 2°.4/20.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.44	+17 7.5	1.684	2.517	14.9	21.3
11 27	6 15.82	+17 4.0	1.606	2.512	11.2	21.0
12 7	6 7.61	+17 6.2	1.551	2.506	6.9	20.8
12 17	5 57.63	+17 14.0	1.522	2.501	2.9	20.5
12 27	5 47.12	+17 26.9	1.522	2.496	4.1	20.6
1 6	5 37.42	+17 44.4	1.550	2.490	8.4	20.8
1 16	5 29.70	+18 6.0	1.603	2.485	12.6	21.0
1 26	5 24.77	+18 31.3	1.679	2.479	16.2	21.3

21444 1998 HT_{8} 12 20.4 53°.07 3°.1/20.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 26.01	+27 13.7	1.246	2.094	18.1	17.3
11 27	6 20.00	+28 14.1	1.192	2.105	13.5	17.1
12 7	6 10.39	+29 12.6	1.159	2.117	8.3	16.8
12 17	5 58.36	+30 2.5	1.150	2.129	3.7	16.6
12 27	5 45.79	+30 38.4	1.169	2.142	5.1	16.7
1 6	5 34.67	+30 59.1	1.213	2.155	10.0	17.0
1 16	5 26.56	+31 7.3	1.280	2.168	14.6	17.3
1 26	5 22.36	+31 7.7	1.368	2.181	18.5	17.6

223393 2003 SD_{106} 12 20.4 286°.12 0°.2/20.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.54	+24 12.5	2.186	3.015	12.1	19.7
11 27	6 13.92	+23 51.3	2.101	3.007	8.9	19.5
12 7	6 6.26	+23 27.8	2.041	2.999	5.3	19.3
12 17	5 57.26	+23 1.5	2.009	2.991	1.4	19.0
12 27	5 47.90	+22 33.1	2.007	2.983	2.7	19.1
1 6	5 39.25	+22 4.1	2.035	2.976	6.6	19.3
1 16	5 32.19	+21 36.5	2.090	2.968	10.2	19.5
1 26	5 27.38	+21 12.2	2.169	2.961	13.3	19.7

13 Egeria 12 20.4 330°.79 8°.1/19.3 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 26.74	+38 35.3	1.587	2.407	16.2	10.5
11 27	6 20.81	+40 20.3	1.515	2.401	13.1	10.3
12 7	6 11.15	+41 56.1	1.466	2.395	10.0	10.1
12 17	5 58.64	+43 12.7	1.442	2.390	8.2	10.0
12 27	5 45.04	+44 1.9	1.445	2.385	8.9	10.0
1 6	5 32.43	+44 21.7	1.473	2.380	11.7	10.2
1 16	5 22.63	+44 16.1	1.525	2.376	14.9	10.4
1 26	5 16.87	+43 52.9	1.597	2.372	18.0	10.6

118493 2000 DH_{3} 12 20.4 334°.35 4°.0/20.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.10	+15 24.2	1.152	2.011	18.5	19.1
11 27	6 14.35	+15 10.6	1.078	1.997	14.2	18.8
12 7	6 7.22	+15 7.0	1.024	1.983	9.1	18.4
12 17	5 57.62	+15 14.9	0.992	1.970	4.6	18.2
12 27	5 47.15	+15 34.7	0.985	1.958	5.8	18.2
1 6	5 37.67	+16 5.2	1.002	1.948	11.0	18.4
1 16	5 30.78	+16 44.5	1.040	1.939	16.2	18.7
1 26	5 27.57	+17 30.1	1.097	1.931	20.8	19.0

203981 2003 SP_{233} 12 20.4 112°.78 1°.7/20.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.92	+18 29.4	1.916	2.741	13.7	21.2
11 27	6 16.41	+18 27.4	1.854	2.757	10.1	21.0
12 7	6 7.70	+18 29.0	1.816	2.772	6.1	20.8
12 17	5 57.62	+18 33.7	1.806	2.787	2.3	20.6
12 27	5 47.31	+18 40.9	1.827	2.801	3.4	20.7
1 6	5 37.91	+18 50.5	1.876	2.815	7.3	20.9
1 16	5 30.37	+19 2.5	1.952	2.828	10.9	21.2
1 26	5 25.33	+19 17.1	2.052	2.841	14.0	21.4

322981 2002 NO_{45} 12 20.4 137°.67 1°.4/20.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.84	+29 8.0	2.668	3.483	10.5	20.7
11 27	6 14.48	+29 2.6	2.595	3.492	7.8	20.5
12 7	6 6.40	+28 52.5	2.548	3.501	4.8	20.4
12 17	5 57.28	+28 36.5	2.531	3.510	1.9	20.2
12 27	5 47.98	+28 14.5	2.545	3.518	2.6	20.2
1 6	5 39.38	+27 47.7	2.589	3.527	5.6	20.5
1 16	5 32.24	+27 18.1	2.663	3.534	8.5	20.7
1 26	5 27.08	+26 48.0	2.761	3.542	11.0	20.8

307224 2002 GZ_{104} 12 20.4 122°.42 1°.0/20.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.99	+25 47.6	2.938	3.750	9.8	21.5
11 27	6 14.45	+26 15.9	2.873	3.770	7.2	21.4
12 7	6 6.34	+26 42.5	2.835	3.789	4.3	21.2
12 17	5 57.27	+27 5.8	2.827	3.808	1.4	21.1
12 27	5 48.00	+27 24.4	2.852	3.826	2.3	21.1
1 6	5 39.32	+27 38.0	2.908	3.844	5.2	21.4
1 16	5 31.92	+27 47.3	2.993	3.860	7.8	21.6
1 26	5 26.32	+27 53.5	3.104	3.877	10.1	21.8

32520 2001 OG_{73} 12 20.4 22°.44 5°.6/20.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.28	+ 9 45.0	1.526	2.358	16.2	17.8
11 27	6 13.46	+ 9 29.4	1.466	2.365	12.6	17.5
12 7	6 6.17	+ 9 27.3	1.428	2.372	8.8	17.3
12 17	5 57.27	+ 9 40.4	1.414	2.380	5.9	17.2
12 27	5 48.03	+10 8.9	1.427	2.388	6.4	17.3
1 6	5 39.73	+10 50.8	1.466	2.398	9.6	17.5
1 16	5 33.43	+11 43.0	1.530	2.408	13.3	17.7
1 26	5 29.87	+12 41.8	1.615	2.418	16.6	17.9

117321 2004 VU_{64} 12 20.4 64°.57 0°.8/20.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.99	+21 4.1	2.173	3.002	12.1	20.2
11 27	6 13.49	+21 3.5	2.097	3.003	9.0	20.0
12 7	6 6.01	+21 4.1	2.046	3.004	5.4	19.8
12 17	5 57.23	+21 5.4	2.023	3.005	1.6	19.5
12 27	5 48.13	+21 7.0	2.029	3.006	2.8	19.6
1 6	5 39.71	+21 8.9	2.066	3.007	6.6	19.9
1 16	5 32.85	+21 11.8	2.129	3.008	10.0	20.1
1 26	5 28.19	+21 16.3	2.216	3.009	13.0	20.3

484775 2009 BH_{158} 12 20.4 287°.25 1°.4/20.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.75	+19 36.4	1.744	2.579	14.3	21.7
11 27	6 15.40	+19 34.8	1.655	2.564	10.7	21.4
12 7	6 7.45	+19 36.6	1.590	2.548	6.5	21.1
12 17	5 57.66	+19 41.0	1.552	2.533	2.2	20.8
12 27	5 47.22	+19 47.6	1.541	2.517	3.6	20.9
1 6	5 37.48	+19 56.2	1.559	2.502	8.2	21.1
1 16	5 29.62	+20 7.1	1.603	2.486	12.5	21.3
1 26	5 24.53	+20 20.8	1.669	2.471	16.2	21.6

157617 2005 WT_{79} 12 20.4 48°.94 0°.2/20.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.36	+23 55.2	1.876	2.710	13.5	20.5
11 27	6 14.72	+23 55.9	1.810	2.719	10.0	20.3
12 7	6 6.80	+23 55.8	1.768	2.727	5.9	20.1
12 17	5 57.43	+23 53.4	1.753	2.736	1.5	19.8
12 27	5 47.78	+23 48.5	1.768	2.745	2.9	19.9
1 6	5 39.03	+23 41.4	1.811	2.754	7.1	20.2
1 16	5 32.15	+23 33.7	1.880	2.763	10.9	20.5
1 26	5 27.82	+23 27.0	1.973	2.773	14.1	20.7

199933 2007 GV_{40} 12 20.4 178°.54 3°.3/20.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 22.51	+15 48.4	1.840	2.665	14.2	21.7
11 27	6 16.29	+15 16.5	1.766	2.666	10.7	21.4
12 7	6 7.75	+14 49.3	1.716	2.667	6.9	21.2
12 17	5 57.69	+14 28.0	1.693	2.667	3.6	21.0
12 27	5 47.27	+14 13.9	1.699	2.667	4.6	21.1
1 6	5 37.69	+14 7.9	1.734	2.667	8.2	21.3
1 16	5 29.96	+14 10.1	1.795	2.666	12.0	21.5
1 26	5 24.80	+14 20.0	1.879	2.665	15.2	21.7

59057 1998 UO_{18} 12 20.4 49°.47 1°.9/20.4 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 25.88	+27 1.3	1.192	2.043	18.5	18.5
11 27	6 19.62	+27 18.6	1.150	2.066	13.7	18.3
12 7	6 9.95	+27 31.6	1.129	2.089	8.2	18.0
12 17	5 58.24	+27 36.4	1.132	2.113	2.8	17.8
12 27	5 46.38	+27 31.6	1.161	2.137	4.3	18.0
1 6	5 36.25	+27 18.6	1.215	2.162	9.5	18.3
1 16	5 29.16	+27 1.4	1.294	2.186	14.1	18.7
1 26	5 25.79	+26 43.9	1.392	2.211	17.9	19.0

291993 2006 QY_{107} 12 20.4 41°.98 2°.2/20.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 23.21	+19 45.4	1.107	1.965	19.2	20.6
11 27	6 17.77	+19 25.6	1.060	1.979	14.2	20.3
12 7	6 8.93	+19 9.8	1.033	1.994	8.6	20.1
12 17	5 58.00	+18 58.3	1.029	2.010	3.0	19.8
12 27	5 46.82	+18 51.3	1.051	2.027	4.7	19.9
1 6	5 37.23	+18 49.6	1.097	2.044	10.1	20.3
1 16	5 30.56	+18 53.8	1.166	2.062	15.1	20.6
1 26	5 27.56	+19 3.8	1.255	2.080	19.1	21.0

364408 2006 VE_{138} 12 20.4 171°.57 0°.0/20.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.02	+23 18.9	2.002	2.831	13.0	21.5
11 27	6 15.17	+23 23.6	1.926	2.832	9.6	21.3
12 7	6 7.09	+23 28.0	1.874	2.832	5.7	21.1
12 17	5 57.53	+23 30.9	1.851	2.833	1.5	20.8
12 27	5 47.60	+23 31.4	1.856	2.833	2.9	20.9
1 6	5 38.44	+23 29.8	1.892	2.833	7.0	21.2
1 16	5 31.04	+23 27.2	1.954	2.834	10.7	21.4
1 26	5 26.11	+23 25.1	2.039	2.834	13.9	21.6

212995 1230 $T\text{-}_{2}$ 12 20.4 109°.27 1°.7/20.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.42	+27 3.0	1.594	2.422	15.8	21.2
11 27	6 21.63	+27 22.5	1.540	2.444	11.7	21.0
12 7	6 10.95	+27 38.0	1.509	2.465	7.0	20.8
12 17	5 58.50	+27 46.0	1.505	2.486	2.5	20.5
12 27	5 45.85	+27 44.8	1.531	2.506	3.7	20.7
1 6	5 34.56	+27 35.5	1.585	2.525	8.3	21.0
1 16	5 25.83	+27 21.1	1.666	2.544	12.4	21.3
1 26	5 20.37	+27 5.4	1.768	2.562	15.7	21.5

340279 2006 BY_{228} 12 20.4 44°.82 2°.1/20.4 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 24.43	+27 13.5	1.259	2.109	17.8	21.0
11 27	6 18.55	+27 36.0	1.212	2.127	13.2	20.7
12 7	6 9.35	+27 54.5	1.186	2.146	8.0	20.5
12 17	5 58.11	+28 5.0	1.184	2.165	2.9	20.2
12 27	5 46.63	+28 5.4	1.209	2.185	4.3	20.4
1 6	5 36.70	+27 56.9	1.260	2.205	9.3	20.7
1 16	5 29.64	+27 42.9	1.335	2.226	13.8	21.1
1 26	5 26.18	+27 27.4	1.430	2.247	17.6	21.4

76532 2000 GX_{71} 12 20.4 251°.81 0°.8/20.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.08	+20 45.4	2.580	3.402	10.7	20.2
11 27	6 12.65	+20 43.2	2.488	3.390	7.9	20.0
12 7	6 5.47	+20 42.2	2.421	3.378	4.7	19.8
12 17	5 57.12	+20 41.8	2.384	3.366	1.4	19.5
12 27	5 48.40	+20 41.9	2.377	3.353	2.5	19.6
1 6	5 40.17	+20 42.6	2.401	3.340	5.9	19.8
1 16	5 33.20	+20 44.3	2.453	3.327	9.0	20.0
1 26	5 28.12	+20 47.6	2.530	3.314	11.8	20.1

523761 2014 WU_{509} 12 20.4 288°.43 0°.5/20.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	5 56.83	+ 4 3.4	39.866	40.640	0.9	22.1
11 27	5 56.11	+ 4 0.7	39.786	40.639	0.7	22.1
12 7	5 55.31	+ 3 58.9	39.732	40.637	0.6	22.0
12 17	5 54.47	+ 3 57.8	39.707	40.635	0.5	22.0
12 27	5 53.62	+ 3 57.7	39.711	40.633	0.5	22.0
1 6	5 52.79	+ 3 58.4	39.745	40.631	0.6	22.1
1 16	5 52.01	+ 4 0.0	39.806	40.629	0.8	22.1
1 26	5 51.32	+ 4 2.3	39.893	40.627	0.9	22.1

420588 2012 HM_{29} 12 20.4 107°.99 0°.5/20.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.73	+24 17.1	2.487	3.308	11.0	21.7
11 27	6 13.80	+24 34.8	2.419	3.321	8.1	21.5
12 7	6 6.09	+24 51.9	2.377	3.333	4.8	21.3
12 17	5 57.26	+25 6.7	2.364	3.346	1.3	21.1
12 27	5 48.19	+25 18.3	2.381	3.357	2.4	21.2
1 6	5 39.79	+25 26.3	2.430	3.369	5.8	21.4
1 16	5 32.82	+25 31.6	2.506	3.381	8.9	21.6
1 26	5 27.87	+25 35.3	2.607	3.392	11.5	21.8

100647 1997 WS_{2} 12 20.4 58°.62 0°.7/20.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 26.28	+23 36.2	1.157	2.010	18.9	19.3
11 27	6 20.06	+24 0.0	1.111	2.028	13.9	19.1
12 7	6 10.32	+24 24.3	1.085	2.046	8.2	18.8
12 17	5 58.38	+24 45.3	1.083	2.065	2.2	18.5
12 27	5 46.15	+25 0.4	1.107	2.085	4.1	18.7
1 6	5 35.57	+25 9.4	1.157	2.104	9.7	19.1
1 16	5 28.05	+25 14.3	1.230	2.124	14.6	19.4
1 26	5 24.36	+25 18.0	1.323	2.143	18.6	19.7

65375 2002 PM_{56} 12 20.4 184°.69 0°.2/20.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.51	+22 56.4	2.337	3.156	11.7	20.7
11 27	6 15.97	+22 52.1	2.256	3.157	8.7	20.5
12 7	6 7.44	+22 47.1	2.200	3.156	5.1	20.2
12 17	5 57.63	+22 40.6	2.173	3.155	1.3	20.0
12 27	5 47.49	+22 32.4	2.178	3.154	2.6	20.1
1 6	5 38.03	+22 22.9	2.213	3.152	6.3	20.3
1 16	5 30.12	+22 13.3	2.276	3.149	9.7	20.5
1 26	5 24.41	+22 5.3	2.364	3.145	12.6	20.7

142703 2002 TJ_{256} 12 20.4 37°.64 0°.5/20.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.06	+22 18.4	1.656	2.496	14.8	20.0
11 27	6 15.51	+22 13.9	1.590	2.501	10.9	19.8
12 7	6 7.39	+22 9.8	1.547	2.507	6.5	19.5
12 17	5 57.63	+22 5.3	1.530	2.513	1.7	19.2
12 27	5 47.52	+22 0.0	1.542	2.519	3.3	19.4
1 6	5 38.40	+21 54.5	1.581	2.525	7.9	19.7
1 16	5 31.36	+21 50.0	1.646	2.532	12.0	19.9
1 26	5 27.14	+21 48.0	1.734	2.539	15.5	20.2

135925 2002 TP_{175} 12 20.4 177°.07 3°.0/20.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 26.01	+33 36.6	2.118	2.931	13.0	20.4
11 27	6 18.81	+33 30.0	2.040	2.932	9.9	20.2
12 7	6 9.21	+33 13.7	1.986	2.933	6.4	20.0
12 17	5 58.10	+32 45.4	1.960	2.934	3.4	19.8
12 27	5 46.71	+32 4.7	1.965	2.934	4.0	19.9
1 6	5 36.32	+31 14.0	2.000	2.934	7.2	20.1
1 16	5 27.94	+30 17.6	2.062	2.934	10.6	20.3
1 26	5 22.27	+29 20.3	2.149	2.933	13.6	20.5

14324 1979 MK_{6} 12 20.4 48°.76 1°.6/20.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.73	+19 21.5	1.692	2.529	14.6	18.2
11 27	6 15.17	+19 15.4	1.627	2.536	10.9	18.0
12 7	6 7.17	+19 12.6	1.585	2.543	6.6	17.7
12 17	5 57.60	+19 12.6	1.570	2.551	2.3	17.5
12 27	5 47.69	+19 15.4	1.584	2.559	3.6	17.6
1 6	5 38.74	+19 20.8	1.625	2.567	7.9	17.9
1 16	5 31.77	+19 29.1	1.692	2.575	11.9	18.1
1 26	5 27.52	+19 40.7	1.781	2.584	15.3	18.4

321236 2009 BL_{45} 12 20.4 214°.91 2°.2/20.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.16	+17 20.9	2.087	2.910	12.8	21.8
11 27	6 15.20	+17 8.8	2.004	2.904	9.6	21.6
12 7	6 7.10	+17 0.4	1.945	2.899	6.0	21.3
12 17	5 57.59	+16 55.9	1.914	2.892	2.6	21.1
12 27	5 47.66	+16 55.6	1.913	2.886	3.6	21.2
1 6	5 38.38	+16 59.5	1.942	2.879	7.3	21.4
1 16	5 30.72	+17 7.9	1.998	2.871	10.8	21.6
1 26	5 25.36	+17 20.6	2.077	2.863	14.0	21.8

441153 2007 TD_{222} 12 20.4 113°.10 0°.2/20.4 15

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 24.03	+23 29.5	1.981	2.806	13.3	22.3
11 27	6 17.25	+23 38.2	1.919	2.823	9.8	22.1
12 7	6 8.24	+23 46.3	1.883	2.840	5.8	21.9
12 17	5 57.85	+23 52.2	1.874	2.856	1.5	21.6
12 27	5 47.23	+23 55.1	1.896	2.872	2.8	21.8
1 6	5 37.57	+23 55.1	1.947	2.887	6.9	22.1
1 16	5 29.79	+23 53.4	2.025	2.902	10.5	22.3
1 26	5 24.56	+23 51.9	2.128	2.917	13.6	22.5

193325 2000 TE_{3} 12 20.4 92°.09 1°.6/20.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 24.36	+19 21.7	1.681	2.511	15.0	21.4
11 27	6 17.69	+19 15.0	1.626	2.531	11.1	21.2
12 7	6 8.55	+19 11.3	1.594	2.551	6.7	20.9
12 17	5 57.93	+19 10.2	1.590	2.570	2.3	20.7
12 27	5 47.13	+19 11.3	1.614	2.590	3.6	20.8
1 6	5 37.44	+19 14.8	1.668	2.608	7.9	21.1
1 16	5 29.89	+19 21.1	1.747	2.627	11.8	21.4
1 26	5 25.12	+19 30.7	1.849	2.645	15.1	21.7

195953 2002 RK_{157} 12 20.4 218°.42 3°.9/20.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 16.95	+10 0.8	2.775	3.578	10.5	21.0
11 27	6 11.62	+ 9 35.1	2.689	3.571	8.2	20.8
12 7	6 4.79	+ 9 16.1	2.628	3.563	5.8	20.6
12 17	5 56.98	+ 9 5.2	2.595	3.555	4.1	20.5
12 27	5 48.88	+ 9 3.3	2.593	3.547	4.5	20.5
1 6	5 41.23	+ 9 10.4	2.621	3.538	6.7	20.6
1 16	5 34.68	+ 9 26.1	2.677	3.529	9.1	20.8
1 26	5 29.77	+ 9 49.1	2.757	3.520	11.5	20.9

256825 2008 CN_{141} 12 20.4 182°.09 1°.7/20.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 22.17	+28 15.9	2.029	2.855	13.0	21.0
11 27	6 16.08	+28 22.3	1.952	2.855	9.7	20.8
12 7	6 7.67	+28 24.4	1.900	2.855	5.9	20.5
12 17	5 57.74	+28 19.9	1.875	2.855	2.2	20.3
12 27	5 47.44	+28 8.0	1.880	2.855	3.2	20.4
1 6	5 37.98	+27 49.5	1.915	2.855	7.1	20.6
1 16	5 30.37	+27 27.0	1.976	2.854	10.7	20.8
1 26	5 25.32	+27 3.4	2.061	2.854	13.8	21.0

73983 1998 DS_{19} 12 20.4 58°.54 6°.8/20.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 24.55	+43 55.0	2.345	3.132	12.7	18.1
11 27	6 17.95	+44 45.3	2.283	3.142	10.4	17.9
12 7	6 8.81	+45 22.0	2.245	3.153	8.2	17.8
12 17	5 58.04	+45 40.2	2.233	3.164	6.9	17.8
12 27	5 46.91	+45 37.4	2.249	3.175	7.1	17.8
1 6	5 36.77	+45 14.6	2.292	3.186	8.7	17.9
1 16	5 28.71	+44 35.6	2.361	3.197	10.8	18.1
1 26	5 23.47	+43 46.3	2.452	3.208	12.9	18.2

15149 Loufaix 12 20.4 286°.39 5°.6/20.8 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.57	+ 7 46.5	1.845	2.658	14.6	17.8
11 27	6 14.30	+ 7 39.9	1.759	2.645	11.6	17.5
12 7	6 6.73	+ 7 46.9	1.696	2.633	8.3	17.3
12 17	5 57.54	+ 8 9.2	1.660	2.620	5.9	17.2
12 27	5 47.78	+ 8 47.1	1.651	2.608	6.3	17.2
1 6	5 38.62	+ 9 38.9	1.670	2.595	9.2	17.3
1 16	5 31.12	+10 41.6	1.716	2.583	12.6	17.5
1 26	5 26.08	+11 51.5	1.783	2.571	15.9	17.7

13056 1990 VN_{1} 12 20.4 44°.13 4°.0/20.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 24.19	+30 50.2	1.562	2.398	15.7	17.1
11 27	6 18.25	+31 46.1	1.502	2.407	11.9	16.9
12 7	6 9.25	+32 36.6	1.464	2.417	7.7	16.7
12 17	5 58.20	+33 15.8	1.453	2.426	4.3	16.5
12 27	5 46.65	+33 39.7	1.469	2.437	5.3	16.6
1 6	5 36.26	+33 47.9	1.512	2.447	9.0	16.8
1 16	5 28.36	+33 43.4	1.580	2.458	12.9	17.1
1 26	5 23.80	+33 30.9	1.669	2.469	16.3	17.4

117532 2005 CA_{60} 12 20.4 145°.55 4°.3/20.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.69	+ 7 13.1	2.712	3.506	11.0	19.6
11 27	6 12.13	+ 7 14.2	2.638	3.513	8.6	19.4
12 7	6 5.08	+ 7 25.1	2.589	3.519	6.2	19.3
12 17	5 57.07	+ 7 46.4	2.569	3.525	4.5	19.2
12 27	5 48.83	+ 8 18.0	2.579	3.530	4.7	19.2
1 6	5 41.08	+ 8 58.6	2.619	3.536	6.7	19.3
1 16	5 34.50	+ 9 46.3	2.687	3.541	9.1	19.5
1 26	5 29.58	+10 39.1	2.781	3.546	11.3	19.7

446728 2015 OK_{73} 12 20.4 132°.29 5°.2/20.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.84	+ 6 40.5	2.286	3.079	12.8	22.0
11 27	6 15.29	+ 6 23.7	2.224	3.096	10.1	21.8
12 7	6 6.96	+ 6 18.0	2.186	3.113	7.3	21.7
12 17	5 57.55	+ 6 24.9	2.176	3.128	5.4	21.6
12 27	5 47.95	+ 6 44.7	2.196	3.143	5.7	21.7
1 6	5 39.06	+ 7 16.1	2.245	3.157	7.9	21.8
1 16	5 31.66	+ 7 57.3	2.322	3.171	10.5	22.0
1 26	5 26.29	+ 8 45.5	2.423	3.183	12.9	22.2

55387 2001 SD_{272} 12 20.4 238°.71 1°.2/20.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 24.65	+26 13.1	1.798	2.627	14.2	19.3
11 27	6 18.32	+26 24.1	1.711	2.616	10.6	19.0
12 7	6 9.24	+26 32.7	1.648	2.605	6.5	18.8
12 17	5 58.22	+26 36.1	1.612	2.594	2.0	18.4
12 27	5 46.57	+26 32.8	1.606	2.582	3.4	18.5
1 6	5 35.72	+26 23.2	1.628	2.569	8.0	18.8
1 16	5 26.94	+26 9.4	1.677	2.557	12.2	19.0
1 26	5 21.11	+25 54.5	1.748	2.543	15.8	19.2

491855 2013 AA_{110} 12 20.4 15°.69 1°.3/20.2 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.26	+24 41.6	1.302	2.153	17.3	20.3
11 27	6 16.83	+23 34.3	1.240	2.157	12.8	20.1
12 7	6 8.34	+22 20.8	1.201	2.162	7.6	19.8
12 17	5 57.94	+21 3.7	1.186	2.168	2.2	19.5
12 27	5 47.28	+19 47.3	1.199	2.175	4.1	19.7
1 6	5 38.02	+18 37.0	1.237	2.183	9.4	20.0
1 16	5 31.37	+17 37.7	1.300	2.192	14.2	20.3
1 26	5 28.07	+16 51.7	1.384	2.201	18.1	20.6

198766 2005 EC_{96} 12 20.4 325°.41 2°.3/20.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.53	+30 51.5	2.212	3.035	12.1	20.0
11 27	6 14.77	+30 52.9	2.132	3.032	9.1	19.8
12 7	6 6.86	+30 48.1	2.077	3.029	5.8	19.6
12 17	5 57.56	+30 35.0	2.049	3.026	2.7	19.3
12 27	5 47.92	+30 13.0	2.052	3.024	3.4	19.4
1 6	5 39.06	+29 43.4	2.083	3.021	6.7	19.6
1 16	5 31.91	+29 8.9	2.142	3.019	10.1	19.8
1 26	5 27.14	+28 32.9	2.225	3.017	13.0	20.0

134501 1999 CK_{45} 12 20.4 0°.61 12°.2/22.0 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 24.15	+48 18.1	1.234	2.051	20.2	18.0
11 27	6 19.81	+49 16.9	1.176	2.047	17.2	17.8
12 7	6 10.83	+49 49.5	1.137	2.045	14.4	17.6
12 17	5 58.67	+49 45.3	1.117	2.044	12.5	17.5
12 27	5 45.88	+48 59.0	1.119	2.046	12.5	17.5
1 6	5 35.14	+47 34.9	1.143	2.049	14.4	17.7
1 16	5 28.33	+45 44.2	1.188	2.054	17.2	17.8
1 26	5 26.29	+43 40.6	1.253	2.060	20.2	18.1

44535 1998 YN_{15} 12 20.4 78°.66 0°.1/20.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.56	+23 29.8	2.264	3.090	11.8	18.8
11 27	6 13.82	+23 37.2	2.198	3.102	8.7	18.7
12 7	6 6.19	+23 44.3	2.157	3.115	5.1	18.5
12 17	5 57.37	+23 49.8	2.145	3.127	1.3	18.2
12 27	5 48.33	+23 53.1	2.163	3.140	2.5	18.3
1 6	5 40.02	+23 54.2	2.211	3.152	6.2	18.6
1 16	5 33.27	+23 54.0	2.286	3.165	9.5	18.8
1 26	5 28.67	+23 53.7	2.386	3.177	12.2	19.0

315828 2008 GB_{106} 12 20.4 354°.33 0°.6/20.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.56	+24 14.3	1.788	2.624	14.0	21.0
11 27	6 15.16	+24 28.9	1.713	2.623	10.4	20.7
12 7	6 7.27	+24 43.3	1.662	2.621	6.2	20.5
12 17	5 57.70	+24 55.3	1.638	2.621	1.7	20.2
12 27	5 47.66	+25 3.4	1.643	2.620	3.1	20.3
1 6	5 38.47	+25 7.5	1.676	2.620	7.6	20.6
1 16	5 31.23	+25 8.8	1.735	2.620	11.6	20.8
1 26	5 26.71	+25 9.2	1.817	2.620	15.0	21.0

229031 2004 DE_{33} 12 20.4 196°.70 4°.6/20.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 28.17	+34 22.1	1.773	2.591	14.9	20.4
11 27	6 21.11	+34 57.7	1.696	2.589	11.5	20.2
12 7	6 10.95	+35 24.3	1.642	2.587	7.8	20.0
12 17	5 58.68	+35 36.5	1.615	2.584	4.9	19.8
12 27	5 45.81	+35 31.0	1.617	2.580	5.5	19.9
1 6	5 34.01	+35 8.7	1.647	2.577	8.9	20.0
1 16	5 24.65	+34 34.0	1.703	2.572	12.6	20.3
1 26	5 18.63	+33 52.8	1.781	2.567	15.9	20.5

268025 2004 NS_{32} 12 20.4 156°.88 13°.6/23.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 47.27	+52 15.7	1.245	2.022	22.2	20.8
11 27	6 37.40	+53 8.2	1.186	2.027	19.2	20.6
12 7	6 21.38	+53 28.7	1.144	2.031	16.1	20.4
12 17	6 1.37	+53 1.7	1.123	2.035	14.0	20.3
12 27	5 41.04	+51 40.5	1.124	2.039	13.7	20.3
1 6	5 24.08	+49 32.8	1.150	2.041	15.6	20.4
1 16	5 12.67	+46 56.6	1.198	2.044	18.5	20.6
1 26	5 7.38	+44 11.7	1.265	2.045	21.5	20.8

240411 2003 UW_{256} 12 20.4 130°.65 2°.2/20.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 24.48	+28 43.9	1.936	2.761	13.6	20.7
11 27	6 17.86	+29 5.4	1.868	2.769	10.1	20.5
12 7	6 8.77	+29 22.5	1.823	2.778	6.2	20.3
12 17	5 58.07	+29 32.1	1.807	2.786	2.6	20.1
12 27	5 47.03	+29 32.6	1.820	2.793	3.6	20.2
1 6	5 36.94	+29 24.5	1.862	2.801	7.4	20.4
1 16	5 28.86	+29 10.2	1.932	2.808	11.0	20.7
1 26	5 23.53	+28 52.9	2.024	2.814	14.1	20.9

409098 2003 SS_{365} 12 20.4 35°.78 0°.5/20.4 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.71	+22 35.6	1.709	2.549	14.4	20.8
11 27	6 14.34	+22 27.2	1.654	2.565	10.5	20.6
12 7	6 6.63	+22 18.9	1.623	2.583	6.2	20.4
12 17	5 57.50	+22 10.1	1.618	2.600	1.7	20.1
12 27	5 48.19	+22 0.7	1.642	2.619	3.1	20.3
1 6	5 39.91	+21 51.7	1.694	2.638	7.4	20.6
1 16	5 33.63	+21 44.1	1.771	2.657	11.3	20.9
1 26	5 29.98	+21 39.3	1.871	2.677	14.5	21.1

411309 2010 TV_{143} 12 20.4 251°.71 0°.1/20.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.90	+23 51.8	1.995	2.825	13.0	20.8
11 27	6 15.12	+23 39.2	1.918	2.824	9.6	20.6
12 7	6 7.11	+23 24.9	1.865	2.823	5.7	20.4
12 17	5 57.65	+23 8.3	1.840	2.822	1.5	20.1
12 27	5 47.85	+22 49.6	1.845	2.822	2.9	20.2
1 6	5 38.85	+22 30.0	1.879	2.821	7.0	20.4
1 16	5 31.62	+22 11.1	1.939	2.820	10.8	20.7
1 26	5 26.85	+21 55.0	2.024	2.819	14.0	20.9

115753 2003 UT_{202} 12 20.4 342°.27 0°.3/20.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.70	+23 33.1	1.975	2.810	12.9	19.3
11 27	6 13.62	+23 46.5	1.896	2.805	9.6	19.1
12 7	6 6.29	+24 0.3	1.842	2.800	5.7	18.8
12 17	5 57.46	+24 12.7	1.814	2.796	1.5	18.5
12 27	5 48.19	+24 22.5	1.816	2.793	2.9	18.6
1 6	5 39.62	+24 29.4	1.846	2.789	7.0	18.9
1 16	5 32.76	+24 34.2	1.903	2.786	10.8	19.1
1 26	5 28.34	+24 38.2	1.983	2.784	14.0	19.3

442212 2011 HN_{12} 12 20.4 262°.25 2°.1/20.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 23.09	+18 0.0	1.690	2.521	14.9	22.2
11 27	6 17.29	+17 56.3	1.599	2.504	11.2	21.9
12 7	6 8.72	+17 57.3	1.531	2.487	7.0	21.6
12 17	5 58.16	+18 2.8	1.489	2.469	2.8	21.3
12 27	5 46.84	+18 12.3	1.476	2.451	4.0	21.4
1 6	5 36.20	+18 25.7	1.491	2.432	8.6	21.6
1 16	5 27.52	+18 42.7	1.533	2.413	13.1	21.8
1 26	5 21.75	+19 3.6	1.596	2.394	17.0	22.0

241989 2002 LT_{59} 12 20.4 239°.05 2°.0/20.1 18

11 17	6 22.95	+20 22.3	1.911	2.738	13.6	20.4
11 27	6 16.71	+19 37.6	1.825	2.729	10.2	20.1
12 7	6 8.11	+18 52.0	1.764	2.720	6.2	19.9
12 17	5 57.94	+18 6.7	1.731	2.711	2.5	19.6
12 27	5 47.35	+17 23.6	1.728	2.701	3.7	19.7
1 6	5 37.55	+16 45.3	1.753	2.691	7.9	19.9
1 16	5 29.57	+16 13.9	1.806	2.680	11.8	20.1
1 26	5 24.17	+15 50.8	1.882	2.670	15.1	20.3

421518 2014 OD_{108} 12 20.4 139°.84 5°.7/21.5 17

11 17	6 29.69	+43 7.3	2.445	3.223	12.5	21.1
11 27	6 21.38	+43 18.3	2.375	3.234	10.0	21.0
12 7	6 10.68	+43 14.7	2.330	3.245	7.6	20.8
12 17	5 58.55	+42 52.7	2.313	3.255	5.9	20.8
12 27	5 46.31	+42 11.2	2.325	3.265	6.0	20.8
1 6	5 35.23	+41 12.7	2.367	3.274	7.8	20.9
1 16	5 26.30	+40 2.4	2.437	3.283	10.2	21.1
1 26	5 20.17	+38 46.3	2.532	3.291	12.5	21.2

519708 2013 AJ_{188} 12 20.4 203°.78 4°.7/20.8 18

11 17	6 20.68	+ 8 26.4	2.199	3.002	12.9	21.8
11 27	6 14.74	+ 8 24.1	2.117	2.998	10.1	21.6
12 7	6 6.84	+ 8 32.8	2.059	2.994	7.1	21.4
12 17	5 57.61	+ 8 53.6	2.029	2.990	4.9	21.2
12 27	5 47.98	+ 9 26.2	2.028	2.985	5.3	21.2
1 6	5 38.92	+10 9.4	2.057	2.980	7.9	21.4
1 16	5 31.31	+11 0.8	2.114	2.974	10.9	21.6
1 26	5 25.82	+11 58.0	2.194	2.968	13.7	21.8

139889 2001 RM_{91} 12 20.4 50°.22 2°.5/20.5 18

11 17	6 20.64	+16 43.2	1.655	2.490	15.0	19.6
11 27	6 15.08	+16 41.5	1.597	2.504	11.2	19.4
12 7	6 7.13	+16 46.1	1.563	2.519	6.9	19.2
12 17	5 57.68	+16 56.6	1.555	2.534	3.0	19.0
12 27	5 47.96	+17 12.4	1.575	2.549	4.0	19.1
1 6	5 39.23	+17 32.7	1.624	2.565	8.0	19.4
1 16	5 32.51	+17 56.7	1.697	2.580	11.9	19.6
1 26	5 28.46	+18 23.6	1.794	2.596	15.2	19.9

406681 2008 ES_{115} 12 20.4 5°.38 3°.1/20.5 17

11 17	6 22.27	+30 38.0	1.777	2.608	14.3	21.4
11 27	6 16.57	+31 3.8	1.705	2.608	10.8	21.2
12 7	6 8.18	+31 23.9	1.656	2.609	6.9	21.0
12 17	5 57.99	+31 34.4	1.633	2.609	3.5	20.8
12 27	5 47.32	+31 33.2	1.639	2.610	4.3	20.8
1 6	5 37.61	+31 21.0	1.673	2.611	8.1	21.1
1 16	5 30.04	+31 0.6	1.732	2.612	11.9	21.3
1 26	5 25.41	+30 36.1	1.814	2.614	15.2	21.5

65364 2002 PG_{16} 12 20.4 130°.04 0°.6/20.4 17

11 17	6 19.04	+21 26.3	2.420	3.244	11.2	20.7
11 27	6 13.38	+21 23.6	2.346	3.249	8.3	20.5
12 7	6 5.94	+21 21.7	2.298	3.255	4.9	20.3
12 17	5 57.37	+21 19.8	2.278	3.260	1.4	20.0
12 27	5 48.54	+21 18.0	2.289	3.265	2.5	20.1
1 6	5 40.36	+21 16.3	2.330	3.270	6.0	20.4
1 16	5 33.58	+21 15.3	2.399	3.275	9.2	20.6
1 26	5 28.81	+21 16.0	2.492	3.279	11.9	20.8

317052 2001 SF_{61} 12 20.4 81°.86 2°.1/20.4 18

11 17	6 26.23	+18 35.3	1.551	2.382	16.0	21.2
11 27	6 19.11	+18 23.0	1.505	2.410	11.8	21.0
12 7	6 9.43	+18 14.7	1.481	2.437	7.2	20.8
12 17	5 58.25	+18 10.0	1.485	2.464	2.7	20.6
12 27	5 47.01	+18 9.0	1.517	2.491	3.9	20.7
1 6	5 37.07	+18 11.9	1.577	2.517	8.3	21.1
1 16	5 29.46	+18 18.8	1.663	2.543	12.3	21.4
1 26	5 24.81	+18 29.8	1.772	2.568	15.6	21.6

183595 2003 TG_{58} 12 20.4 305°.40 0°.0/20.4 08 C

11 17	5 57.15	+23 40.8	41.272	42.090	0.8	23.0
11 27	5 56.39	+23 40.7	41.186	42.088	0.6	23.0
12 7	5 55.55	+23 40.6	41.128	42.085	0.3	23.0
12 17	5 54.66	+23 40.4	41.101	42.083	0.1	22.9
12 27	5 53.77	+23 40.3	41.104	42.081	0.2	22.9
1 6	5 52.89	+23 40.0	41.138	42.078	0.4	23.0
1 16	5 52.07	+23 39.8	41.202	42.076	0.6	23.0
1 26	5 51.34	+23 39.6	41.293	42.073	0.8	23.0

40986 1999 TY_{292} 12 20.4 141°.11 3°.9/20.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 23.08	+34 46.0	2.315	3.126	12.1	19.5
11 27	6 16.68	+35 15.9	2.242	3.131	9.3	19.3
12 7	6 8.04	+35 37.9	2.193	3.135	6.3	19.2
12 17	5 57.94	+35 48.6	2.173	3.139	4.1	19.0
12 27	5 47.50	+35 46.0	2.182	3.144	4.5	19.1
1 6	5 37.86	+35 30.9	2.221	3.147	7.1	19.2
1 16	5 30.00	+35 6.0	2.287	3.151	10.0	19.4
1 26	5 24.62	+34 35.1	2.377	3.155	12.6	19.6

53781 2000 EY_{94} 12 20.4 229°.25 0°.0/20.4 18

11 17	6 24.83	+24 1.9	1.885	2.711	13.8	19.8
11 27	6 18.30	+23 53.6	1.796	2.700	10.3	19.6
12 7	6 9.18	+23 43.3	1.732	2.689	6.2	19.3
12 17	5 58.29	+23 29.9	1.695	2.677	1.6	19.0
12 27	5 46.83	+23 13.1	1.688	2.665	3.1	19.1
1 6	5 36.15	+22 54.0	1.710	2.652	7.7	19.3
1 16	5 27.41	+22 34.6	1.760	2.638	11.8	19.6
1 26	5 21.44	+22 17.5	1.833	2.624	15.4	19.8

359327 2009 KW_{21} 12 20.4 157°.84 1°.1/20.5 18

11 17	6 21.60	+18 6.9	2.346	3.163	11.7	21.1
11 27	6 15.34	+18 31.4	2.270	3.169	8.7	20.9
12 7	6 7.17	+19 0.1	2.220	3.174	5.3	20.7
12 17	5 57.73	+19 31.8	2.198	3.179	1.8	20.4
12 27	5 47.94	+20 4.8	2.208	3.183	2.7	20.5
1 6	5 38.77	+20 38.0	2.249	3.187	6.3	20.8
1 16	5 31.06	+21 10.6	2.318	3.191	9.6	21.0
1 26	5 25.44	+21 42.5	2.412	3.194	12.4	21.2

486820 2014 JG_{23} 12 20.4 105°.02 1°.4/20.5 18

11 17	6 21.91	+18 42.8	1.969	2.794	13.3	21.4
11 27	6 15.78	+18 53.5	1.903	2.806	9.9	21.2
12 7	6 7.48	+19 8.0	1.862	2.819	6.0	21.0
12 17	5 57.81	+19 25.3	1.850	2.830	2.0	20.7
12 27	5 47.84	+19 44.4	1.867	2.842	3.1	20.8
1 6	5 38.70	+20 4.5	1.913	2.853	7.0	21.1
1 16	5 31.32	+20 25.3	1.986	2.864	10.7	21.3
1 26	5 26.37	+20 47.0	2.083	2.875	13.7	21.6

23639 1997 AN_{7} 12 20.4 328°.53 1°.6/20.4 18

11 17	6 21.16	+21 0.3	1.234	2.089	17.8	17.5
11 27	6 16.55	+20 41.6	1.161	2.079	13.3	17.2
12 7	6 8.56	+20 24.3	1.107	2.069	8.1	16.9
12 17	5 58.19	+20 8.6	1.078	2.060	2.6	16.5
12 27	5 47.06	+19 54.9	1.074	2.051	4.4	16.6
1 6	5 37.03	+19 44.5	1.096	2.043	10.1	16.9
1 16	5 29.64	+19 39.0	1.140	2.036	15.3	17.2
1 26	5 25.88	+19 39.7	1.204	2.030	19.7	17.4

411929 2012 GX_{2} 12 20.4 125°.40 4°.4/20.4 17

11 17	6 23.41	+36 20.3	2.383	3.189	11.9	21.3
11 27	6 16.94	+37 2.8	2.313	3.196	9.3	21.2
12 7	6 8.21	+37 37.0	2.267	3.203	6.5	21.0
12 17	5 58.02	+37 58.9	2.250	3.210	4.6	20.9
12 27	5 47.44	+38 6.1	2.262	3.216	5.0	20.9
1 6	5 37.66	+37 58.9	2.303	3.222	7.3	21.1
1 16	5 29.65	+37 40.0	2.371	3.228	10.0	21.3
1 26	5 24.12	+37 13.3	2.463	3.234	12.4	21.4

163265 2002 GU_{73} 12 20.4 63°.26 5°.5/20.3 18

11 17	6 20.76	+11 6.2	1.636	2.462	15.6	19.8
11 27	6 15.24	+10 24.3	1.571	2.467	12.1	19.6
12 7	6 7.29	+ 9 52.4	1.528	2.471	8.4	19.4
12 17	5 57.79	+ 9 33.0	1.511	2.476	5.7	19.2
12 27	5 47.93	+ 9 28.0	1.521	2.481	6.4	19.3
1 6	5 38.99	+ 9 37.5	1.559	2.486	9.6	19.5
1 16	5 32.00	+ 9 59.9	1.621	2.490	13.1	19.7
1 26	5 27.70	+10 32.8	1.705	2.495	16.3	19.9

116400 2003 YY_{133} 12 20.4 327°.69 3°.8/20.2 18

11 17	6 20.43	+32 25.2	2.064	2.889	12.8	19.6
11 27	6 15.12	+33 10.5	1.981	2.879	9.8	19.4
12 7	6 7.34	+33 50.7	1.922	2.870	6.6	19.2
12 17	5 57.84	+34 21.4	1.890	2.861	4.0	19.0
12 27	5 47.75	+34 39.6	1.888	2.852	4.7	19.1
1 6	5 38.35	+34 44.8	1.913	2.844	7.8	19.2
1 16	5 30.76	+34 38.7	1.965	2.836	11.1	19.4
1 26	5 25.82	+34 25.0	2.039	2.829	14.1	19.6

71563 2000 DT_{26} 12 20.4 316°.81 0°.3/20.4 18

11 17	6 19.27	+24 6.5	2.177	3.006	12.1	19.5
11 27	6 13.86	+24 12.7	2.097	3.003	8.9	19.3
12 7	6 6.38	+24 18.3	2.042	3.000	5.3	19.1
12 17	5 57.55	+24 21.8	2.015	2.997	1.4	18.8
12 27	5 48.34	+24 22.5	2.018	2.995	2.7	18.9
1 6	5 39.80	+24 20.6	2.050	2.992	6.5	19.1
1 16	5 32.84	+24 17.1	2.109	2.989	10.0	19.3
1 26	5 28.13	+24 13.5	2.192	2.987	13.0	19.5

240636 2005 AG_{34} 12 20.4 45°.38 0°.8/20.4 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 22.58	+21 54.2	1.398	2.244	16.6	20.6
11 27	6 16.91	+21 47.7	1.345	2.259	12.2	20.3
12 7	6 8.38	+21 42.4	1.313	2.274	7.3	20.1
12 17	5 58.06	+21 37.3	1.307	2.289	2.0	19.8
12 27	5 47.49	+21 32.1	1.328	2.305	3.6	20.0
1 6	5 38.18	+21 27.5	1.375	2.321	8.6	20.3
1 16	5 31.33	+21 24.7	1.448	2.338	13.1	20.6
1 26	5 27.64	+21 25.1	1.541	2.355	16.7	20.9

21570 Muralidhar 12 20.4 195°.94 6°.4/20.5 18

11 17	6 28.49	+41 13.1	2.158	2.950	13.4	18.6
11 27	6 21.16	+42 2.9	2.080	2.948	10.9	18.4
12 7	6 10.95	+42 40.4	2.026	2.946	8.3	18.3
12 17	5 58.78	+42 59.7	1.999	2.943	6.6	18.1
12 27	5 46.04	+42 57.2	2.001	2.940	6.9	18.2
1 6	5 34.26	+42 33.7	2.030	2.936	9.0	18.3
1 16	5 24.73	+41 53.3	2.086	2.931	11.7	18.4
1 26	5 18.30	+41 2.5	2.165	2.927	14.2	18.6

7610 Sudbury 12 20.4 335°.80 0°.5/20.4 18

11 17	6 20.37	+24 15.4	2.018	2.848	12.9	18.1
11 27	6 14.82	+24 28.6	1.940	2.847	9.5	17.8
12 7	6 7.02	+24 41.3	1.888	2.846	5.7	17.6
12 17	5 57.73	+24 51.7	1.862	2.845	1.6	17.3
12 27	5 48.03	+24 58.7	1.867	2.844	2.8	17.4
1 6	5 39.07	+25 2.0	1.900	2.843	6.9	17.7
1 16	5 31.83	+25 2.8	1.961	2.842	10.6	17.9
1 26	5 27.05	+25 2.7	2.044	2.841	13.8	18.1

107937 2001 FN_{113} 12 20.4 344°.21 2°.8/20.8 17

11 17	6 22.67	+31 34.7	1.386	2.230	16.8	19.2
11 27	6 17.48	+31 17.4	1.311	2.222	12.8	19.0
12 7	6 8.99	+30 48.8	1.259	2.215	8.1	18.7
12 17	5 58.28	+30 6.5	1.231	2.209	3.6	18.4
12 27	5 47.04	+29 10.6	1.229	2.204	4.5	18.5
1 6	5 37.08	+28 5.3	1.254	2.200	9.3	18.7
1 16	5 29.81	+26 57.1	1.303	2.196	14.0	19.0
1 26	5 26.09	+25 52.2	1.373	2.193	18.0	19.2

225356 1998 VX_{40} 12 20.4 90°.49 2°.0/20.3 18

11 17	6 26.29	+19 29.2	1.568	2.400	15.9	20.5
11 27	6 19.20	+19 5.6	1.517	2.423	11.7	20.3
12 7	6 9.53	+18 44.6	1.490	2.446	7.1	20.1
12 17	5 58.34	+18 26.4	1.489	2.469	2.6	19.9
12 27	5 47.04	+18 11.6	1.517	2.491	3.9	20.0
1 6	5 37.02	+18 1.3	1.573	2.513	8.3	20.4
1 16	5 29.32	+17 56.4	1.655	2.534	12.4	20.7
1 26	5 24.58	+17 57.3	1.759	2.555	15.7	20.9

496765 2017 BL_{21} 12 20.4 59°.11 0°.6/20.5 18

11 17	6 22.34	+25 38.2	1.772	2.606	14.2	21.1
11 27	6 16.41	+25 29.8	1.703	2.611	10.5	20.9
12 7	6 8.00	+25 18.3	1.658	2.616	6.3	20.7
12 17	5 57.98	+25 2.6	1.639	2.621	1.7	20.4
12 27	5 47.64	+24 42.4	1.650	2.627	3.1	20.5
1 6	5 38.29	+24 19.4	1.689	2.632	7.5	20.8
1 16	5 30.98	+23 55.9	1.754	2.637	11.5	21.0
1 26	5 26.43	+23 34.4	1.842	2.643	14.9	21.3

354256 2002 QZ_{27} 12 20.4 121°.97 5°.8/20.9 18

11 17	6 21.22	+ 6 2.8	2.069	2.867	13.8	21.6
11 27	6 15.07	+ 5 48.1	2.006	2.881	10.9	21.4
12 7	6 6.99	+ 5 46.4	1.967	2.894	8.0	21.2
12 17	5 57.70	+ 5 59.2	1.954	2.906	6.0	21.1
12 27	5 48.17	+ 6 26.7	1.971	2.919	6.3	21.2
1 6	5 39.39	+ 7 7.3	2.016	2.930	8.5	21.3
1 16	5 32.19	+ 7 58.3	2.088	2.942	11.3	21.5
1 26	5 27.19	+ 8 56.6	2.183	2.953	13.9	21.7

481215 2005 VC_{40} 12 20.4 138°.16 1°.3/20.4 18

11 17	6 24.62	+20 54.4	1.728	2.558	14.7	21.3
11 27	6 18.05	+20 38.4	1.660	2.566	10.9	21.1
12 7	6 8.95	+20 23.3	1.616	2.573	6.5	20.9
12 17	5 58.23	+20 8.9	1.599	2.581	2.1	20.6
12 27	5 47.20	+19 55.5	1.612	2.587	3.4	20.7
1 6	5 37.17	+19 44.0	1.653	2.594	7.9	21.0
1 16	5 29.23	+19 35.8	1.720	2.600	12.0	21.3
1 26	5 24.10	+19 32.0	1.811	2.605	15.4	21.5

274439 2008 SS_{43} 12 20.4 190°.88 4°.3/20.4 18

11 17	6 22.35	+36 15.3	2.486	3.293	11.5	21.0
11 27	6 16.15	+36 54.2	2.408	3.292	8.9	20.8
12 7	6 7.77	+37 25.4	2.355	3.291	6.3	20.6
12 17	5 57.94	+37 44.9	2.330	3.291	4.4	20.5
12 27	5 47.70	+37 50.6	2.335	3.290	4.8	20.5
1 6	5 38.15	+37 42.6	2.368	3.289	7.1	20.7
1 16	5 30.26	+37 23.4	2.430	3.287	9.8	20.8
1 26	5 24.74	+36 56.6	2.515	3.286	12.2	21.0

418608 2008 SX_{277} 12 20.4 33°.16 3°.7/20.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 21.57	+32 21.9	2.191	3.011	12.3	21.0
11 27	6 15.74	+33 12.6	2.119	3.014	9.4	20.8
12 7	6 7.61	+33 58.0	2.071	3.017	6.3	20.7
12 17	5 57.92	+34 34.1	2.051	3.021	3.9	20.5
12 27	5 47.76	+34 57.8	2.061	3.024	4.5	20.6
1 6	5 38.34	+35 8.6	2.099	3.028	7.3	20.8
1 16	5 30.68	+35 8.4	2.165	3.032	10.4	20.9
1 26	5 25.53	+35 0.3	2.253	3.036	13.1	21.1

276201 2002 QD_{57} 12 20.4 193°.18 2°.7/20.4 18

11 17	6 17.84	+14 33.9	2.488	3.304	11.2	21.5
11 27	6 12.48	+14 20.9	2.408	3.303	8.4	21.3
12 7	6 5.45	+14 12.9	2.354	3.302	5.5	21.1
12 17	5 57.33	+14 10.5	2.328	3.301	3.0	20.9
12 27	5 48.92	+14 14.1	2.332	3.300	3.6	21.0
1 6	5 41.05	+14 23.5	2.366	3.298	6.4	21.2
1 16	5 34.46	+14 38.3	2.428	3.297	9.4	21.3
1 26	5 29.72	+14 58.0	2.515	3.295	12.0	21.5

42742 1998 RT_{66} 12 20.4 84°.84 2°.8/20.3 18

11 17	6 18.83	+15 57.4	2.188	3.010	12.3	18.1
11 27	6 13.33	+15 30.1	2.118	3.018	9.2	17.9
12 7	6 5.97	+15 7.0	2.074	3.025	5.9	17.8
12 17	5 57.47	+14 49.1	2.057	3.032	3.1	17.6
12 27	5 48.72	+14 37.2	2.070	3.039	3.8	17.7
1 6	5 40.68	+14 32.0	2.113	3.046	7.0	17.9
1 16	5 34.14	+14 33.4	2.182	3.054	10.1	18.1
1 26	5 29.68	+14 41.0	2.276	3.061	12.9	18.3

23670 1997 GX_{14} 12 20.4 128°.83 5°.4/20.6 18

11 17	6 28.35	+38 37.3	2.162	2.961	13.2	19.4
11 27	6 20.77	+39 21.0	2.098	2.975	10.4	19.2
12 7	6 10.56	+39 53.4	2.059	2.988	7.6	19.1
12 17	5 58.68	+40 9.5	2.047	3.001	5.6	19.0
12 27	5 46.47	+40 6.9	2.065	3.014	5.9	19.0
1 6	5 35.32	+39 46.5	2.111	3.026	8.2	19.2
1 16	5 26.35	+39 12.5	2.185	3.037	10.9	19.4
1 26	5 20.29	+38 30.4	2.281	3.048	13.5	19.6

484502 2008 DL_{82} 12 20.4 254°.36 1°.4/20.4 18

11 17	6 21.91	+26 30.2	2.145	2.969	12.4	22.0
11 27	6 16.02	+26 52.7	2.054	2.957	9.3	21.7
12 7	6 7.82	+27 13.5	1.989	2.945	5.6	21.5
12 17	5 58.02	+27 30.1	1.951	2.932	2.0	21.2
12 27	5 47.65	+27 40.7	1.944	2.919	3.1	21.3
1 6	5 37.90	+27 44.9	1.966	2.906	6.9	21.5
1 16	5 29.81	+27 43.8	2.015	2.892	10.6	21.7
1 26	5 24.17	+27 39.8	2.089	2.878	13.8	21.9

107798 2001 FJ_{56} 12 20.4 214°.63 3°.2/20.6 18

11 17	6 27.58	+31 17.7	1.776	2.598	14.7	20.3
11 27	6 20.66	+31 39.1	1.693	2.592	11.2	20.1
12 7	6 10.76	+31 53.7	1.634	2.585	7.2	19.9
12 17	5 58.80	+31 57.2	1.603	2.578	3.7	19.6
12 27	5 46.21	+31 47.1	1.600	2.570	4.5	19.7
1 6	5 34.60	+31 24.4	1.626	2.562	8.4	19.9
1 16	5 25.29	+30 52.7	1.678	2.553	12.5	20.1
1 26	5 19.19	+30 17.3	1.753	2.543	16.0	20.3

296781 2009 UH_{143} 12 20.4 64°.55 0°.3/20.4 17

11 17	6 19.82	+22 31.3	2.092	2.921	12.5	21.8
11 27	6 14.22	+22 29.7	2.023	2.929	9.2	21.6
12 7	6 6.58	+22 28.2	1.980	2.938	5.5	21.4
12 17	5 57.65	+22 26.0	1.964	2.946	1.5	21.1
12 27	5 48.45	+22 22.8	1.978	2.955	2.7	21.2
1 6	5 40.03	+22 19.0	2.021	2.963	6.6	21.5
1 16	5 33.26	+22 15.4	2.092	2.972	10.1	21.7
1 26	5 28.78	+22 13.3	2.186	2.981	13.1	21.9

28233 1999 AV_5 12 20.4 70°.55 6°.8/21.0 18

11 17	6 27.89	+40 51.6	1.805	2.610	15.2	17.8
11 27	6 20.87	+41 33.7	1.747	2.624	12.1	17.6
12 7	6 10.79	+42 1.1	1.712	2.638	9.1	17.5
12 17	5 58.76	+42 7.7	1.703	2.652	7.0	17.4
12 27	5 46.43	+41 50.9	1.721	2.666	7.3	17.4
1 6	5 35.45	+41 13.0	1.766	2.680	9.6	17.6
1 16	5 27.10	+40 19.7	1.836	2.694	12.4	17.8
1 26	5 22.13	+39 18.3	1.929	2.708	15.1	18.0

165508 2001 CA_3 12 20.5 335°.50 7°.1/20.7 17

11 17	6 22.94	+37 35.0	1.342	2.180	17.6	19.4
11 27	6 18.32	+38 19.7	1.266	2.166	14.0	19.1
12 7	6 9.87	+38 51.3	1.211	2.153	10.2	18.8
12 17	5 58.64	+39 2.1	1.179	2.141	7.4	18.6
12 27	5 46.51	+38 47.1	1.171	2.130	7.9	18.6
1 6	5 35.64	+38 7.4	1.188	2.120	11.4	18.8
1 16	5 27.81	+37 9.6	1.228	2.111	15.5	19.0
1 26	5 24.08	+36 2.5	1.287	2.103	19.3	19.2

351812 2006 LZ_7 12 20.5 180°.73 4°.7/20.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 27.21	+35 57.4	2.342	3.143	12.2	20.7
11 27	6 19.93	+36 53.9	2.264	3.145	9.5	20.5
12 7	6 10.14	+37 42.8	2.211	3.145	6.8	20.3
12 17	5 58.63	+38 19.2	2.186	3.146	4.8	20.2
12 27	5 46.57	+38 39.4	2.192	3.145	5.3	20.2
1 6	5 35.25	+38 43.3	2.228	3.144	7.7	20.4
1 16	5 25.79	+38 33.3	2.291	3.142	10.5	20.6
1 26	5 19.01	+38 13.7	2.377	3.140	13.1	20.7

509670 2008 HM_{66} 12 20.5 284°.22 8°.3/18.2 18

11 17	6 31.96	+34 45.4	1.467	2.291	17.2	20.9
11 27	6 25.58	+37 12.9	1.380	2.271	13.7	20.7
12 7	6 14.76	+39 41.7	1.316	2.252	10.3	20.4
12 17	6 0.12	+41 57.4	1.278	2.232	8.3	20.3
12 27	5 43.37	+43 45.9	1.269	2.212	9.6	20.3
1 6	5 27.00	+44 59.6	1.286	2.191	13.1	20.4
1 16	5 13.50	+45 39.8	1.327	2.171	17.1	20.6
1 26	5 4.69	+45 54.8	1.387	2.151	20.7	20.8

217465 2005 UG_{477} 12 20.5 101°.66 1°.0/20.4 18

11 17	6 20.47	+20 34.6	2.109	2.935	12.5	20.9
11 27	6 14.66	+20 29.7	2.039	2.944	9.3	20.7
12 7	6 6.84	+20 26.4	1.995	2.952	5.5	20.5
12 17	5 57.74	+20 24.1	1.978	2.960	1.7	20.3
12 27	5 48.37	+20 22.6	1.992	2.968	2.9	20.4
1 6	5 39.76	+20 22.2	2.035	2.976	6.7	20.6
1 16	5 32.78	+20 23.5	2.105	2.984	10.1	20.8
1 26	5 28.06	+20 27.1	2.199	2.991	13.1	21.1

252297 2001 RM_{15} 12 20.5 31°.37 5°.7/19.8 18

11 17	6 19.77	+12 46.3	1.529	2.364	16.0	19.9
11 27	6 14.55	+11 33.8	1.473	2.375	12.3	19.7
12 7	6 6.90	+10 29.2	1.440	2.386	8.5	19.5
12 17	5 57.76	+ 9 36.7	1.432	2.398	5.9	19.3
12 27	5 48.40	+ 8 59.7	1.451	2.410	6.7	19.4
1 6	5 40.09	+ 8 39.7	1.497	2.423	9.9	19.6
1 16	5 33.84	+ 8 36.4	1.567	2.437	13.5	19.9
1 26	5 30.31	+ 8 47.2	1.657	2.451	16.6	20.1

432263 2009 SX_{21} 12 20.5 136°.72 1°.4/20.5 18

11 17	6 26.33	+19 19.1	1.900	2.720	14.0	22.3
11 27	6 19.07	+19 19.2	1.835	2.735	10.3	22.1
12 7	6 9.48	+19 22.0	1.795	2.750	6.2	21.8
12 17	5 58.43	+19 26.8	1.784	2.764	2.1	21.6
12 27	5 47.11	+19 32.8	1.802	2.777	3.3	21.7
1 6	5 36.76	+19 40.0	1.851	2.790	7.4	22.0
1 16	5 28.36	+19 48.7	1.927	2.801	11.1	22.3
1 26	5 22.60	+19 59.7	2.026	2.812	14.3	22.5

414622 2009 VS_{11} 12 20.5 40°.17 0°.2/20.5 17

11 17	6 19.73	+23 9.5	2.039	2.870	12.7	21.4
11 27	6 14.25	+23 5.8	1.967	2.874	9.4	21.2
12 7	6 6.66	+23 1.8	1.920	2.879	5.6	21.0
12 17	5 57.71	+22 56.5	1.901	2.883	1.5	20.7
12 27	5 48.46	+22 49.6	1.911	2.888	2.7	20.8
1 6	5 39.98	+22 41.8	1.950	2.893	6.7	21.1
1 16	5 33.20	+22 34.2	2.017	2.898	10.4	21.3
1 26	5 28.76	+22 28.1	2.106	2.903	13.4	21.5

88656 2001 RM_{71} 12 20.5 126°.29 2°.6/20.6 18

11 17	6 28.18	+30 13.3	1.902	2.720	14.0	20.3
11 27	6 20.60	+30 31.8	1.840	2.737	10.5	20.1
12 7	6 10.44	+30 44.1	1.802	2.753	6.6	19.9
12 17	5 58.69	+30 46.7	1.792	2.769	3.0	19.7
12 27	5 46.68	+30 38.2	1.812	2.784	3.9	19.8
1 6	5 35.80	+30 19.8	1.862	2.798	7.5	20.0
1 16	5 27.13	+29 54.9	1.939	2.812	11.1	20.3
1 26	5 21.35	+29 27.3	2.039	2.824	14.2	20.5

127242 2002 JG_{28} 12 20.5 191°.10 1°.6/20.4 18

11 17	6 22.50	+19 15.9	2.077	2.900	12.8	20.6
11 27	6 16.26	+19 6.1	1.997	2.898	9.6	20.3
12 7	6 7.87	+18 58.6	1.942	2.897	5.8	20.1
12 17	5 58.04	+18 53.2	1.915	2.895	2.1	19.9
12 27	5 47.83	+18 49.8	1.918	2.892	3.2	19.9
1 6	5 38.33	+18 48.8	1.951	2.889	7.1	20.2
1 16	5 30.50	+18 50.7	2.011	2.886	10.7	20.4
1 26	5 25.04	+18 56.1	2.095	2.882	13.8	20.6

396582 2000 RM_{78} 12 20.5 64°.31 7°.1/20.5 18

11 17	6 18.94	+ 4 49.3	1.893	2.697	14.6	20.6
11 27	6 13.56	+ 4 3.7	1.835	2.709	11.8	20.4
12 7	6 6.19	+ 3 32.2	1.800	2.722	9.0	20.3
12 17	5 57.58	+ 3 17.9	1.791	2.734	7.3	20.2
12 27	5 48.75	+ 3 22.4	1.809	2.747	7.6	20.2
1 6	5 40.72	+ 3 44.9	1.854	2.760	9.7	20.4
1 16	5 34.34	+ 4 22.8	1.923	2.772	12.4	20.6
1 26	5 30.21	+ 5 12.4	2.015	2.785	14.9	20.8

187411 2005 VD_{65} 12 20.5 120°.89 1°.0/20.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 20.55	+20 10.1	2.122	2.948	12.5	20.5
11 27	6 14.75	+20 10.3	2.050	2.954	9.2	20.3
12 7	6 6.92	+20 12.6	2.003	2.960	5.5	20.1
12 17	5 57.79	+20 16.3	1.984	2.965	1.8	19.9
12 27	5 48.35	+20 21.0	1.995	2.971	2.9	20.0
1 6	5 39.64	+20 26.6	2.035	2.976	6.7	20.2
1 16	5 32.54	+20 33.4	2.103	2.981	10.2	20.4
1 26	5 27.70	+20 42.0	2.195	2.987	13.1	20.7

282640 2005 TG_{63} 12 20.5 328°.22 3°.1/20.4 18

11 17	6 24.24	+28 40.8	1.419	2.262	16.6	20.8
11 27	6 18.75	+29 22.0	1.347	2.257	12.5	20.6
12 7	6 9.90	+30 0.1	1.296	2.253	7.9	20.3
12 17	5 58.66	+30 29.6	1.270	2.249	3.6	20.0
12 27	5 46.66	+30 46.4	1.272	2.245	4.8	20.1
1 6	5 35.74	+30 50.1	1.299	2.241	9.5	20.3
1 16	5 27.45	+30 43.3	1.351	2.238	14.1	20.6
1 26	5 22.77	+30 30.6	1.423	2.235	18.0	20.8

329700 2003 UQ_{269} 12 20.5 46°.77 3°.0/20.2 17

11 17	6 18.59	+16 13.0	2.094	2.920	12.6	20.4
11 27	6 13.24	+15 35.9	2.026	2.927	9.5	20.2
12 7	6 5.98	+15 2.6	1.982	2.934	6.1	20.0
12 17	5 57.53	+14 34.5	1.966	2.941	3.3	19.8
12 27	5 48.86	+14 13.1	1.980	2.948	4.1	19.9
1 6	5 40.92	+13 59.2	2.022	2.955	7.2	20.1
1 16	5 34.54	+13 53.2	2.091	2.963	10.5	20.3
1 26	5 30.31	+13 54.8	2.183	2.971	13.3	20.5

96039 2004 PN_{79} 12 20.5 143°.93 1°.1/20.4 18

11 17	6 24.66	+20 50.4	1.971	2.794	13.4	20.5
11 27	6 17.83	+20 40.2	1.903	2.805	9.9	20.3
12 7	6 8.76	+20 31.0	1.859	2.815	6.0	20.1
12 17	5 58.27	+20 22.2	1.843	2.824	1.9	19.8
12 27	5 47.50	+20 13.9	1.858	2.833	3.1	19.9
1 6	5 37.63	+20 6.7	1.902	2.842	7.2	20.2
1 16	5 29.62	+20 1.6	1.974	2.849	10.9	20.4
1 26	5 24.13	+19 59.7	2.069	2.856	14.0	20.7

418782 2008 UG_{298} 12 20.5 113°.87 3°.1/20.0 17

11 17	6 18.96	+14 55.1	2.593	3.405	10.9	21.5
11 27	6 13.12	+14 7.3	2.524	3.417	8.2	21.4
12 7	6 5.75	+13 22.9	2.482	3.428	5.4	21.2
12 17	5 57.46	+12 43.7	2.469	3.439	3.3	21.1
12 27	5 49.02	+12 11.1	2.487	3.450	3.9	21.1
1 6	5 41.22	+11 46.4	2.535	3.461	6.4	21.3
1 16	5 34.71	+11 30.1	2.612	3.471	9.1	21.5
1 26	5 29.98	+11 21.9	2.713	3.481	11.5	21.7

492173 2013 PM_{58} 12 20.5 57°.12 4°.5/20.2 17

11 17	6 17.78	+10 58.8	2.175	2.990	12.6	20.7
11 27	6 12.57	+10 21.0	2.106	2.996	9.7	20.5
12 7	6 5.57	+ 9 50.9	2.063	3.003	6.8	20.4
12 17	5 57.44	+ 9 30.5	2.046	3.009	4.7	20.3
12 27	5 49.06	+ 9 21.1	2.059	3.015	5.2	20.3
1 6	5 41.36	+ 9 23.1	2.100	3.022	7.8	20.5
1 16	5 35.09	+ 9 35.5	2.167	3.029	10.6	20.7
1 26	5 30.86	+ 9 56.8	2.258	3.036	13.2	20.9

170716 2004 BF_{48} 12 20.5 212°.27 2°.4/20.5 18

11 17	6 17.56	+15 6.3	2.528	3.345	11.0	20.3
11 27	6 12.31	+15 6.0	2.447	3.343	8.3	20.1
12 7	6 5.40	+15 10.9	2.391	3.341	5.3	19.9
12 17	5 57.41	+15 21.0	2.364	3.340	2.7	19.8
12 27	5 49.10	+15 36.2	2.368	3.338	3.3	19.8
1 6	5 41.30	+15 55.8	2.401	3.336	6.2	20.0
1 16	5 34.75	+16 19.4	2.462	3.334	9.1	20.2
1 26	5 30.02	+16 46.1	2.548	3.332	11.8	20.4

281804 2009 WD_{48} 12 20.5 334°.58 1°.3/20.4 17

11 17	6 18.68	+20 2.0	2.121	2.950	12.4	20.9
11 27	6 13.44	+19 51.1	2.042	2.948	9.2	20.7
12 7	6 6.19	+19 42.0	1.988	2.945	5.6	20.5
12 17	5 57.62	+19 34.5	1.962	2.943	1.9	20.2
12 27	5 48.70	+19 28.8	1.965	2.940	3.0	20.3
1 6	5 40.45	+19 25.2	1.997	2.938	6.8	20.5
1 16	5 33.75	+19 24.4	2.057	2.936	10.3	20.8
1 26	5 29.26	+19 26.8	2.140	2.935	13.3	21.0

396174 2013 GE_1 12 20.5 72°.00 2°.2/20.6 18

11 17	6 20.59	+16 30.1	1.884	2.712	13.7	21.0
11 27	6 15.01	+16 35.8	1.813	2.716	10.3	20.8
12 7	6 7.19	+16 47.6	1.765	2.719	6.4	20.6
12 17	5 57.89	+17 4.9	1.745	2.723	2.8	20.4
12 27	5 48.21	+17 27.1	1.754	2.727	3.6	20.4
1 6	5 39.29	+17 52.9	1.791	2.731	7.5	20.7
1 16	5 32.13	+18 21.6	1.856	2.735	11.2	20.9
1 26	5 27.42	+18 52.4	1.943	2.739	14.4	21.1

477814 2011 EX_6 12 20.5 262°.98 2°.0/20.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 26.01	+28 38.5	1.587	2.420	15.6	21.6
11 27	6 19.82	+28 40.4	1.499	2.405	11.8	21.3
12 7	6 10.45	+28 36.5	1.434	2.390	7.3	21.0
12 17	5 58.82	+28 23.5	1.395	2.375	2.8	20.7
12 27	5 46.43	+27 59.9	1.384	2.360	4.0	20.7
1 6	5 34.98	+27 27.3	1.401	2.344	8.9	21.0
1 16	5 25.93	+26 49.8	1.444	2.328	13.5	21.2
1 26	5 20.26	+26 12.3	1.508	2.312	17.5	21.4

32652 4319 *P–L* 12 20.5 142°.03 0°.6/20.4 18

11 17	6 27.84	+22 43.4	1.512	2.345	16.3	19.7
11 27	6 20.79	+22 31.9	1.447	2.355	12.1	19.5
12 7	6 10.77	+22 19.8	1.405	2.363	7.2	19.2
12 17	5 58.85	+22 5.9	1.389	2.371	2.0	18.9
12 27	5 46.55	+21 50.4	1.402	2.378	3.6	19.1
1 6	5 35.47	+21 34.4	1.442	2.385	8.6	19.4
1 16	5 26.88	+21 20.2	1.509	2.391	13.1	19.7
1 26	5 21.55	+21 10.0	1.597	2.397	16.9	19.9

410986 2009 UQ_{17} 12 20.5 3°.47 6°.5/19.4 17

11 17	6 17.60	+10 43.3	1.661	2.491	15.2	19.8
11 27	6 12.92	+ 9 17.6	1.595	2.491	11.9	19.6
12 7	6 5.98	+ 7 59.7	1.552	2.491	8.7	19.4
12 17	5 57.59	+ 6 54.6	1.535	2.492	6.6	19.3
12 27	5 48.87	+ 6 6.8	1.544	2.494	7.4	19.4
1 6	5 41.02	+ 5 38.3	1.580	2.497	10.3	19.5
1 16	5 34.99	+ 5 29.0	1.640	2.501	13.5	19.7
1 26	5 31.47	+ 5 36.6	1.721	2.505	16.5	20.0

345453 2006 EX_{40} 12 20.5 63°.60 5°.4/20.7 18

11 17	6 30.11	+35 14.2	1.494	2.319	16.9	19.3
11 27	6 22.55	+36 0.9	1.454	2.349	12.9	19.1
12 7	6 11.77	+36 35.4	1.436	2.379	8.8	19.0
12 17	5 59.06	+36 51.5	1.444	2.410	5.7	18.9
12 27	5 46.27	+36 46.9	1.479	2.440	6.2	19.0
1 6	5 35.14	+36 23.8	1.541	2.470	9.4	19.2
1 16	5 26.95	+35 48.2	1.628	2.500	13.0	19.5
1 26	5 22.35	+35 6.8	1.737	2.530	16.0	19.8

521356 2015 ML_{56} 12 20.5 206°.92 1°.9/20.6 18

11 17	6 26.16	+29 3.4	1.853	2.677	14.1	21.7
11 27	6 19.39	+29 5.0	1.772	2.673	10.6	21.4
12 7	6 9.92	+29 0.8	1.714	2.669	6.5	21.2
12 17	5 58.64	+28 48.0	1.684	2.664	2.6	20.9
12 27	5 46.88	+28 25.8	1.684	2.658	3.6	21.0
1 6	5 36.06	+27 55.7	1.712	2.652	7.8	21.2
1 16	5 27.36	+27 21.0	1.768	2.646	11.8	21.5
1 26	5 21.59	+26 46.0	1.847	2.639	15.2	21.7

425835 2011 EV_{26} 12 20.5 148°.02 3°.6/20.5 18

11 17	6 23.80	+14 7.8	1.767	2.588	14.8	21.2
11 27	6 17.42	+13 54.8	1.698	2.596	11.2	21.0
12 7	6 8.64	+13 49.3	1.653	2.602	7.3	20.8
12 17	5 58.29	+13 52.2	1.635	2.609	3.9	20.6
12 27	5 47.58	+14 3.3	1.646	2.614	4.7	20.7
1 6	5 37.76	+14 22.1	1.685	2.620	8.4	20.9
1 16	5 29.86	+14 47.7	1.751	2.624	12.1	21.1
1 26	5 24.63	+15 18.6	1.840	2.629	15.4	21.4

132953 2002 TM_{83} 12 20.5 134°.40 4°.9/19.9 18 R

11 17	6 17.43	+ 8 9.5	2.643	3.441	11.1	19.9
11 27	6 12.03	+ 7 21.1	2.572	3.448	8.8	19.7
12 7	6 5.15	+ 6 40.4	2.527	3.455	6.5	19.6
12 17	5 57.36	+ 6 9.7	2.511	3.461	5.0	19.5
12 27	5 49.37	+ 5 50.5	2.524	3.467	5.4	19.6
1 6	5 41.93	+ 5 43.3	2.566	3.473	7.3	19.7
1 16	5 35.68	+ 5 47.7	2.636	3.479	9.6	19.8
1 26	5 31.12	+ 6 2.0	2.729	3.484	11.8	20.0

169738 2002 ON_1 12 20.5 40°.39 5°.8/22.6 18

11 17	6 40.13	+42 53.7	1.277	2.085	20.1	18.1
11 27	6 29.56	+41 36.9	1.236	2.119	15.7	17.9
12 7	6 15.44	+39 52.4	1.216	2.153	10.8	17.8
12 17	5 59.87	+37 39.4	1.222	2.188	6.7	17.6
12 27	5 45.24	+35 5.0	1.257	2.223	6.3	17.7
1 6	5 33.44	+32 22.8	1.321	2.259	9.8	18.0
1 16	5 25.45	+29 46.8	1.412	2.295	13.8	18.3
1 26	5 21.53	+27 26.8	1.526	2.332	17.3	18.7

516397 2001 FK_{126} 12 20.5 179°.63 2°.5/20.5 18

11 17	6 21.58	+15 31.6	2.335	3.149	11.9	22.5
11 27	6 15.36	+15 25.3	2.256	3.150	9.0	22.3
12 7	6 7.27	+15 23.8	2.202	3.151	5.7	22.1
12 17	5 57.94	+15 27.4	2.176	3.152	2.8	21.9
12 27	5 48.28	+15 36.0	2.181	3.152	3.5	21.9
1 6	5 39.24	+15 49.2	2.217	3.151	6.7	22.1
1 16	5 31.63	+16 6.7	2.281	3.149	9.9	22.3
1 26	5 26.09	+16 28.0	2.369	3.147	12.7	22.5

252579 2001 WG_{81} 12 20.5 137°.31 4°.2/19.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 21.05	+13 29.6	2.155	2.970	12.7	20.6
11 27	6 14.97	+12 28.0	2.084	2.976	9.7	20.4
12 7	6 7.00	+11 31.0	2.038	2.982	6.6	20.2
12 17	5 57.85	+10 41.3	2.021	2.987	4.4	20.1
12 27	5 48.49	+10 1.4	2.034	2.992	5.1	20.1
1 6	5 39.87	+ 9 32.9	2.076	2.997	7.9	20.3
1 16	5 32.80	+ 9 16.4	2.145	3.002	10.9	20.5
1 26	5 27.88	+ 9 11.1	2.237	3.007	13.6	20.7

54350 2000 KO_{30} 12 20.5 273°.59 0°.4/20.5 18

11 17	6 23.89	+24 11.4	1.615	2.451	15.2	19.5
11 27	6 18.17	+24 19.2	1.526	2.435	11.4	19.3
12 7	6 9.48	+24 26.4	1.460	2.419	6.9	19.0
12 17	5 58.62	+24 31.0	1.420	2.402	1.9	18.6
12 27	5 46.96	+24 31.1	1.408	2.385	3.5	18.7
1 6	5 36.09	+24 27.1	1.424	2.368	8.6	18.9
1 16	5 27.38	+24 20.6	1.466	2.351	13.3	19.2
1 26	5 21.85	+24 14.3	1.529	2.334	17.2	19.4

371322 2006 HC_{72} 12 20.5 277°.13 0°.3/20.5 18

11 17	6 19.15	+21 18.8	2.312	3.137	11.6	21.1
11 27	6 13.80	+21 36.5	2.223	3.127	8.6	20.9
12 7	6 6.46	+21 56.2	2.160	3.117	5.2	20.7
12 17	5 57.76	+22 16.7	2.124	3.107	1.4	20.4
12 27	5 48.61	+22 36.7	2.120	3.096	2.6	20.5
1 6	5 39.98	+22 55.5	2.145	3.086	6.3	20.7
1 16	5 32.76	+23 13.0	2.197	3.076	9.8	20.9
1 26	5 27.66	+23 29.8	2.275	3.066	12.7	21.1

121394 1999 TM_{120} 12 20.5 106°.67 7°.4/20.9 18

11 17	6 31.29	+42 27.9	1.910	2.703	14.9	19.8
11 27	6 23.42	+43 25.3	1.854	2.720	12.1	19.6
12 7	6 12.37	+44 7.3	1.821	2.737	9.3	19.5
12 17	5 59.30	+44 27.4	1.814	2.753	7.5	19.4
12 27	5 45.87	+44 21.9	1.834	2.769	7.8	19.5
1 6	5 33.79	+43 52.9	1.882	2.784	9.8	19.6
1 16	5 24.41	+43 6.0	1.955	2.799	12.4	19.8
1 26	5 18.51	+42 8.8	2.051	2.814	14.9	20.0

66346 1999 JU_{71} 12 20.5 112°.99 4°.2/20.4 18

11 17	6 26.55	+13 43.4	1.617	2.438	15.9	19.2
11 27	6 19.41	+13 13.6	1.562	2.459	12.1	19.0
12 7	6 9.76	+12 51.7	1.531	2.479	7.9	18.9
12 17	5 58.59	+12 39.3	1.526	2.498	4.6	18.7
12 27	5 47.24	+12 37.1	1.550	2.516	5.3	18.8
1 6	5 37.04	+12 45.0	1.602	2.534	9.0	19.0
1 16	5 29.03	+13 2.1	1.680	2.551	12.7	19.3
1 26	5 23.89	+13 26.8	1.781	2.567	15.9	19.6

42895 1999 RK_{182} 12 20.5 135°.21 2°.4/20.5 18

11 17	6 25.99	+17 23.8	1.718	2.543	15.0	19.5
11 27	6 19.05	+17 12.8	1.654	2.556	11.2	19.3
12 7	6 9.61	+17 6.3	1.614	2.568	6.9	19.1
12 17	5 58.57	+17 4.5	1.601	2.580	3.0	18.9
12 27	5 47.23	+17 7.1	1.618	2.591	4.0	19.0
1 6	5 36.91	+17 14.1	1.663	2.601	8.1	19.2
1 16	5 28.69	+17 25.6	1.735	2.610	12.1	19.5
1 26	5 23.27	+17 41.4	1.829	2.619	15.4	19.7

331444 2012 HO_3 12 20.5 164°.70 0°.7/20.5 17

11 17	6 19.19	+20 42.4	2.536	3.356	10.9	21.7
11 27	6 13.53	+20 46.1	2.458	3.359	8.0	21.5
12 7	6 6.16	+20 51.2	2.405	3.361	4.8	21.3
12 17	5 57.66	+20 57.1	2.382	3.364	1.4	21.1
12 27	5 48.88	+21 3.2	2.389	3.365	2.4	21.2
1 6	5 40.67	+21 9.4	2.427	3.367	5.8	21.4
1 16	5 33.79	+21 16.1	2.493	3.369	8.9	21.6
1 26	5 28.81	+21 23.8	2.584	3.370	11.5	21.8

441043 2007 HD_{13} 12 20.5 243°.78 0°.3/20.5 18

11 17	6 24.04	+22 7.2	1.813	2.642	14.1	21.6
11 27	6 17.94	+22 17.5	1.724	2.630	10.6	21.4
12 7	6 9.18	+22 29.2	1.659	2.617	6.4	21.1
12 17	5 58.53	+22 40.6	1.622	2.604	1.7	20.7
12 27	5 47.20	+22 50.3	1.613	2.590	3.2	20.8
1 6	5 36.59	+22 57.9	1.634	2.576	7.9	21.1
1 16	5 27.89	+23 4.2	1.681	2.562	12.1	21.3
1 26	5 22.02	+23 10.8	1.751	2.547	15.8	21.5

482689 2013 CO_{79} 12 20.5 202°.07 8°.1/21.9 17

11 17	6 34.60	+49 13.3	2.292	3.047	13.9	21.1
11 27	6 25.68	+49 36.4	2.212	3.044	11.7	21.0
12 7	6 13.64	+49 40.5	2.154	3.040	9.7	20.8
12 17	5 59.63	+49 19.5	2.122	3.036	8.3	20.7
12 27	5 45.32	+48 30.8	2.118	3.031	8.3	20.7
1 6	5 32.42	+47 16.8	2.142	3.026	9.7	20.8
1 16	5 22.23	+45 44.3	2.193	3.020	11.9	20.9
1 26	5 15.49	+44 2.0	2.267	3.014	14.1	21.1

178199 2006 UW_{284} 12 20.5 195°.43 0°.1/20.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 21.71	+23 39.9	1.968	2.797	13.2	21.2
11 27	6 15.88	+23 41.2	1.891	2.797	9.8	21.0
12 7	6 7.75	+23 41.9	1.838	2.796	5.8	20.7
12 17	5 58.11	+23 40.5	1.813	2.795	1.5	20.4
12 27	5 48.06	+23 36.6	1.818	2.795	2.9	20.5
1 6	5 38.80	+23 30.5	1.851	2.794	7.1	20.8
1 16	5 31.32	+23 23.6	1.912	2.793	10.9	21.0
1 26	5 26.37	+23 17.5	1.996	2.792	14.1	21.2

157939 1999 XJ_{153} 12 20.5 254°.59 2°.6/20.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.75	+29 13.5	2.248	3.069	12.0	19.8
11 27	6 15.89	+29 56.9	2.165	3.064	9.0	19.6
12 7	6 7.79	+30 37.7	2.107	3.059	5.7	19.4
12 17	5 58.13	+31 12.2	2.078	3.054	2.9	19.2
12 27	5 47.96	+31 37.7	2.079	3.049	3.7	19.3
1 6	5 38.40	+31 53.4	2.109	3.044	6.9	19.5
1 16	5 30.47	+32 0.3	2.167	3.038	10.2	19.6
1 26	5 24.94	+32 0.9	2.248	3.033	13.1	19.8

460764 2014 VT_{36} 12 20.5 76°.04 3°.3/20.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.05	+14 43.5	2.233	3.053	12.2	21.0
11 27	6 13.42	+14 7.6	2.172	3.068	9.2	20.8
12 7	6 6.05	+13 36.6	2.135	3.083	6.0	20.7
12 17	5 57.62	+13 11.9	2.127	3.099	3.5	20.5
12 27	5 49.03	+12 54.6	2.149	3.114	4.1	20.6
1 6	5 41.19	+12 45.4	2.199	3.129	7.0	20.8
1 16	5 34.81	+12 44.3	2.277	3.145	10.0	21.0
1 26	5 30.46	+12 50.5	2.379	3.160	12.6	21.2

493243 2014 UJ_{96} 12 20.5 59°.24 1°.2/20.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.31	+19 45.0	2.100	2.928	12.5	21.0
11 27	6 13.83	+19 41.1	2.035	2.940	9.2	20.8
12 7	6 6.39	+19 39.5	1.995	2.951	5.6	20.6
12 17	5 57.73	+19 39.9	1.982	2.963	1.9	20.4
12 27	5 48.83	+19 42.0	2.000	2.975	2.9	20.5
1 6	5 40.68	+19 45.8	2.046	2.987	6.6	20.7
1 16	5 34.14	+19 51.7	2.120	2.999	10.0	21.0
1 26	5 29.81	+19 59.9	2.217	3.012	12.9	21.2

422777 2001 UU_{227} 12 20.5 130°.63 1°.9/20.5 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.22	+27 26.3	1.538	2.366	16.3	22.3
11 27	6 22.61	+27 44.4	1.477	2.381	12.1	22.1
12 7	6 11.90	+27 58.2	1.439	2.394	7.4	21.8
12 17	5 59.20	+28 4.0	1.427	2.407	2.7	21.6
12 27	5 46.15	+27 59.8	1.445	2.420	3.9	21.7
1 6	5 34.43	+27 46.7	1.490	2.431	8.6	22.0
1 16	5 25.35	+27 28.3	1.562	2.442	12.9	22.3
1 26	5 19.70	+27 8.5	1.656	2.452	16.5	22.5

487872 2015 TL_{126} 12 20.5 138°.07 1°.4/20.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 24.06	+25 13.3	2.138	2.959	12.6	20.9
11 27	6 17.51	+25 59.4	2.066	2.967	9.3	20.7
12 7	6 8.70	+26 45.4	2.020	2.975	5.6	20.4
12 17	5 58.37	+27 27.8	2.002	2.983	2.0	20.2
12 27	5 47.60	+28 3.8	2.015	2.990	3.1	20.3
1 6	5 37.57	+28 32.2	2.059	2.997	6.8	20.6
1 16	5 29.27	+28 53.4	2.130	3.003	10.3	20.8
1 26	5 23.44	+29 9.2	2.225	3.009	13.2	21.0

384434 2009 YS_{14} 12 20.5 265°.59 1°.2/20.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 24.21	+25 28.1	1.686	2.519	14.8	21.6
11 27	6 18.34	+25 47.0	1.598	2.505	11.1	21.3
12 7	6 9.55	+26 5.1	1.533	2.491	6.8	21.0
12 17	5 58.66	+26 19.2	1.495	2.476	2.1	20.7
12 27	5 47.00	+26 27.1	1.485	2.461	3.5	20.8
1 6	5 36.10	+26 28.4	1.503	2.446	8.3	21.0
1 16	5 27.34	+26 24.8	1.547	2.431	12.8	21.2
1 26	5 21.67	+26 19.2	1.614	2.415	16.6	21.4

486422 2013 EX_{117} 12 20.5 309°.04 1°.1/20.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.25	+20 15.5	1.797	2.631	14.1	21.6
11 27	6 15.72	+20 19.1	1.721	2.628	10.5	21.3
12 7	6 7.75	+20 25.6	1.668	2.626	6.3	21.1
12 17	5 58.14	+20 33.9	1.642	2.624	2.0	20.8
12 27	5 48.05	+20 43.2	1.646	2.622	3.2	20.9
1 6	5 38.76	+20 53.3	1.677	2.620	7.6	21.2
1 16	5 31.34	+21 4.3	1.735	2.618	11.7	21.4
1 26	5 26.57	+21 17.0	1.815	2.616	15.1	21.6

356129 2009 FM_{47} 12 20.5 146°.77 0°.0/20.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.31	+22 41.1	2.311	3.131	11.8	21.6
11 27	6 15.96	+22 53.8	2.239	3.140	8.7	21.4
12 7	6 7.65	+23 6.8	2.192	3.148	5.2	21.2
12 17	5 58.08	+23 18.6	2.174	3.156	1.4	21.0
12 27	5 48.21	+23 28.3	2.186	3.163	2.5	21.1
1 6	5 39.04	+23 35.8	2.229	3.170	6.2	21.3
1 16	5 31.42	+23 41.5	2.301	3.176	9.5	21.5
1 26	5 25.99	+23 46.8	2.397	3.182	12.4	21.7

152401 2005 UQ_{294} 12 20.5 265°.85 0°.4/20.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 20.81	+23 5.1	2.178	3.004	12.2	20.6
11 27	6 15.13	+22 52.3	2.085	2.989	9.1	20.4
12 7	6 7.31	+22 38.5	2.017	2.974	5.4	20.1
12 17	5 58.02	+22 23.0	1.977	2.959	1.5	19.8
12 27	5 48.27	+22 5.9	1.967	2.944	2.7	19.9
1 6	5 39.13	+21 48.2	1.987	2.929	6.7	20.1
1 16	5 31.55	+21 31.4	2.035	2.913	10.4	20.3
1 26	5 26.26	+21 17.1	2.106	2.898	13.6	20.5

460586 2014 UZ_{18} 12 20.5 312°.75 2°.6/20.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.05	+29 7.5	2.209	3.032	12.1	20.9
11 27	6 15.42	+29 52.7	2.128	3.028	9.1	20.7
12 7	6 7.53	+30 35.3	2.072	3.024	5.8	20.4
12 17	5 58.09	+31 11.7	2.044	3.020	2.9	20.3
12 27	5 48.14	+31 39.2	2.046	3.016	3.7	20.3
1 6	5 38.81	+31 56.8	2.077	3.013	7.0	20.5
1 16	5 31.13	+32 5.5	2.136	3.009	10.3	20.7
1 26	5 25.85	+32 7.7	2.218	3.005	13.2	20.9

2042 Sitarski 12 20.5 10°.63 3°.6/20.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.74	+30 41.6	1.495	2.338	15.9	16.3
11 27	6 16.68	+31 16.5	1.431	2.340	12.0	16.0
12 7	6 8.57	+31 45.3	1.388	2.342	7.7	15.8
12 17	5 58.38	+32 3.4	1.370	2.346	4.0	15.6
12 27	5 47.67	+32 7.8	1.379	2.350	4.9	15.7
1 6	5 38.09	+31 59.0	1.415	2.355	9.0	15.9
1 16	5 30.98	+31 40.4	1.475	2.361	13.1	16.2
1 26	5 27.19	+31 16.5	1.556	2.368	16.7	16.4

457834 2009 SQ_{86} 12 20.5 31°.17 1°.3/20.6 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.80	+27 4.4	1.918	2.750	13.4	21.9
11 27	6 15.25	+27 7.4	1.849	2.755	9.9	21.7
12 7	6 7.38	+27 7.0	1.803	2.760	6.0	21.5
12 17	5 58.03	+27 1.2	1.785	2.766	2.0	21.2
12 27	5 48.35	+26 49.5	1.795	2.772	3.1	21.3
1 6	5 39.55	+26 32.9	1.835	2.778	7.1	21.6
1 16	5 32.63	+26 13.5	1.901	2.784	10.8	21.8
1 26	5 28.27	+25 53.8	1.990	2.791	14.0	22.0

382311 2013 QZ_{76} 12 20.5 337°.16 1°.9/20.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.73	+29 56.5	2.151	2.976	12.4	20.6
11 27	6 15.07	+29 53.0	2.072	2.973	9.3	20.4
12 7	6 7.24	+29 43.7	2.017	2.970	5.8	20.1
12 17	5 57.99	+29 26.7	1.989	2.968	2.5	19.9
12 27	5 48.41	+29 1.6	1.991	2.965	3.2	20.0
1 6	5 39.60	+28 30.0	2.023	2.963	6.7	20.2
1 16	5 32.53	+27 54.5	2.081	2.961	10.2	20.4
1 26	5 27.85	+27 18.4	2.164	2.959	13.2	20.6

171240 2005 KA_{11} 12 20.5 250°.69 0°.6/20.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 23.23	+23 50.4	2.031	2.856	13.0	20.1
11 27	6 17.00	+23 18.3	1.940	2.844	9.7	19.8
12 7	6 8.44	+22 42.9	1.874	2.831	5.8	19.6
12 17	5 58.33	+22 4.3	1.836	2.818	1.6	19.3
12 27	5 47.76	+21 23.5	1.828	2.804	3.0	19.4
1 6	5 37.92	+20 42.8	1.849	2.790	7.2	19.6
1 16	5 29.84	+20 4.9	1.899	2.776	11.1	19.8
1 26	5 24.27	+19 32.1	1.972	2.761	14.5	20.0

414618 2009 UQ_{151} 12 20.5 14°.91 0°.6/20.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.59	+21 56.6	1.657	2.499	14.7	19.9
11 27	6 14.69	+22 48.0	1.593	2.505	10.8	19.7
12 7	6 7.23	+23 43.4	1.551	2.511	6.4	19.4
12 17	5 58.02	+24 38.9	1.537	2.519	1.8	19.2
12 27	5 48.33	+25 31.0	1.550	2.527	3.2	19.3
1 6	5 39.50	+26 17.0	1.592	2.537	7.8	19.6
1 16	5 32.68	+26 56.3	1.659	2.547	11.8	19.8
1 26	5 28.67	+27 29.6	1.749	2.558	15.2	20.1

163838 2003 ST_{41} 12 20.5 56°.62 6°.3/21.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 33.40	+39 41.9	1.441	2.255	17.9	20.3
11 27	6 24.90	+39 48.9	1.404	2.290	13.9	20.1
12 7	6 13.04	+39 37.3	1.388	2.324	9.8	20.0
12 17	5 59.43	+39 2.5	1.398	2.359	6.7	19.9
12 27	5 46.08	+38 4.9	1.435	2.393	6.8	20.0
1 6	5 34.82	+36 50.4	1.499	2.428	9.7	20.2
1 16	5 26.81	+35 27.9	1.589	2.462	13.1	20.5
1 26	5 22.55	+34 5.5	1.700	2.496	16.2	20.8

269715 1998 KN_{40} 12 20.5 200°.39 0°.6/20.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 25.77	+20 38.1	1.868	2.692	14.0	21.2
11 27	6 19.07	+20 56.1	1.786	2.688	10.5	21.0
12 7	6 9.78	+21 17.0	1.728	2.684	6.3	20.7
12 17	5 58.71	+21 39.1	1.697	2.679	1.8	20.4
12 27	5 47.05	+22 0.5	1.697	2.673	3.1	20.5
1 6	5 36.14	+22 20.2	1.726	2.667	7.6	20.8
1 16	5 27.15	+22 38.4	1.783	2.660	11.7	21.0
1 26	5 20.92	+22 56.2	1.862	2.652	15.2	21.2

490988 2011 FV_{75} 12 20.5 250°.97 0°.7/20.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 18.83	+21 13.1	2.479	3.301	11.0	22.2
11 27	6 13.41	+21 12.1	2.390	3.292	8.2	21.9
12 7	6 6.17	+21 12.1	2.326	3.283	4.9	21.7
12 17	5 57.73	+21 12.4	2.292	3.273	1.4	21.5
12 27	5 48.90	+21 12.9	2.288	3.264	2.5	21.5
1 6	5 40.60	+21 13.5	2.314	3.254	6.0	21.8
1 16	5 33.62	+21 14.8	2.368	3.244	9.2	21.9
1 26	5 28.60	+21 17.5	2.446	3.234	12.1	22.1

179316 2001 WD_{19} 12 20.5 50°.01 1°.0/20.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.96	+25 43.7	1.782	2.616	14.1	20.2
11 27	6 16.23	+25 53.0	1.716	2.623	10.5	20.0
12 7	6 8.02	+26 0.2	1.673	2.631	6.3	19.8
12 17	5 58.22	+26 3.2	1.657	2.639	1.9	19.5
12 27	5 48.06	+26 0.8	1.671	2.647	3.1	19.6
1 6	5 38.87	+25 53.8	1.712	2.656	7.4	19.9
1 16	5 31.69	+25 43.8	1.780	2.664	11.4	20.2
1 26	5 27.24	+25 33.3	1.870	2.673	14.7	20.4

103618 2000 CT_{23} 12 20.5 341°.54 5°.6/20.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.86	+10 35.3	1.527	2.360	16.2	19.4
11 27	6 14.23	+10 10.4	1.454	2.354	12.6	19.1
12 7	6 7.00	+ 9 57.5	1.403	2.348	8.8	18.9
12 17	5 57.99	+ 9 59.0	1.376	2.342	5.9	18.7
12 27	5 48.44	+10 15.9	1.375	2.338	6.5	18.7
1 6	5 39.70	+10 47.4	1.401	2.334	9.9	18.9
1 16	5 32.94	+11 30.9	1.451	2.330	13.8	19.1
1 26	5 29.00	+12 23.2	1.522	2.327	17.3	19.4

241229 2007 TK_{149} 12 20.5 167°.51 4°.0/20.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.66	+12 46.0	2.034	2.849	13.3	21.4
11 27	6 15.63	+12 19.7	1.960	2.853	10.2	21.2
12 7	6 7.53	+12 0.4	1.911	2.856	6.9	21.0
12 17	5 58.09	+11 49.6	1.889	2.858	4.2	20.8
12 27	5 48.32	+11 48.2	1.897	2.860	4.9	20.9
1 6	5 39.27	+11 56.1	1.933	2.862	7.9	21.1
1 16	5 31.85	+12 12.7	1.997	2.863	11.2	21.3
1 26	5 26.71	+12 36.7	2.083	2.863	14.1	21.5

303132 2004 CU_{92} 12 20.5 310°.92 1°.5/20.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.91	+27 51.9	1.650	2.488	14.9	20.4
11 27	6 16.67	+27 47.5	1.563	2.472	11.2	20.1
12 7	6 8.56	+27 37.8	1.498	2.456	6.9	19.8
12 17	5 58.43	+27 20.7	1.460	2.441	2.4	19.5
12 27	5 47.65	+26 55.5	1.450	2.426	3.6	19.6
1 6	5 37.72	+26 23.7	1.467	2.411	8.3	19.8
1 16	5 29.96	+25 48.8	1.509	2.397	12.8	20.0
1 26	5 25.27	+25 14.7	1.574	2.383	16.6	20.3

69611 1998 FP_{46} 12 20.5 337°.13 3°.6/20.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 24.79	+29 48.9	1.252	2.100	18.0	19.2
11 27	6 19.58	+30 22.4	1.182	2.095	13.7	19.0
12 7	6 10.62	+30 50.6	1.134	2.091	8.7	18.7
12 17	5 59.01	+31 7.4	1.109	2.087	4.2	18.4
12 27	5 46.60	+31 9.1	1.110	2.083	5.3	18.5
1 6	5 35.46	+30 56.1	1.136	2.080	10.3	18.7
1 16	5 27.29	+30 32.7	1.185	2.077	15.2	19.0
1 26	5 23.13	+30 4.7	1.254	2.075	19.4	19.3

78349 2002 PM_{96} 12 20.5 78°.03 1°.2/20.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.56	+19 6.5	2.267	3.090	11.9	19.4
11 27	6 13.90	+19 14.8	2.203	3.105	8.8	19.3
12 7	6 6.42	+19 26.1	2.164	3.119	5.3	19.1
12 17	5 57.79	+19 39.5	2.153	3.134	1.8	18.9
12 27	5 48.94	+19 54.4	2.173	3.148	2.7	19.0
1 6	5 40.78	+20 10.2	2.222	3.163	6.2	19.2
1 16	5 34.11	+20 26.8	2.300	3.177	9.4	19.4
1 26	5 29.51	+20 44.3	2.401	3.192	12.2	19.7

222898 2002 GB_{165} 12 20.5 256°.63 3°.3/20.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.60	+31 25.3	2.218	3.037	12.3	20.4
11 27	6 16.64	+32 12.3	2.134	3.030	9.3	20.2
12 7	6 8.32	+32 55.1	2.075	3.023	6.1	20.0
12 17	5 58.36	+33 29.7	2.044	3.016	3.6	19.8
12 27	5 47.82	+33 52.9	2.043	3.009	4.3	19.8
1 6	5 37.92	+34 4.1	2.072	3.002	7.3	20.0
1 16	5 29.72	+34 4.7	2.127	2.995	10.5	20.2
1 26	5 24.04	+33 57.9	2.206	2.988	13.4	20.4

518410 2018 CZ_{11} 12 20.5 299°.81 5°.6/19.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 26.02	+31 36.1	1.297	2.141	17.8	21.2
11 27	6 20.92	+32 51.4	1.214	2.122	13.8	20.9
12 7	6 11.78	+34 4.3	1.152	2.104	9.4	20.6
12 17	5 59.44	+35 5.8	1.114	2.085	5.9	20.4
12 27	5 45.70	+35 47.6	1.102	2.067	7.0	20.4
1 6	5 32.85	+36 6.4	1.114	2.050	11.5	20.6
1 16	5 22.96	+36 5.0	1.150	2.032	16.4	20.8
1 26	5 17.43	+35 50.2	1.204	2.015	20.6	21.0

184292 2005 EK 12 20.5 243°.86 1°.3/20.6 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 23.76	+27 5.3	1.949	2.775	13.4	20.4
11 27	6 17.62	+27 11.5	1.861	2.765	10.0	20.2
12 7	6 8.95	+27 14.3	1.798	2.754	6.1	20.0
12 17	5 58.53	+27 11.4	1.762	2.743	2.1	19.7
12 27	5 47.56	+27 1.6	1.756	2.732	3.2	19.7
1 6	5 37.35	+26 45.6	1.779	2.720	7.4	20.0
1 16	5 29.02	+26 25.7	1.829	2.709	11.4	20.2
1 26	5 23.41	+26 5.0	1.902	2.696	14.8	20.4

365032 2008 SK_{22} 12 20.5 99°.27 6°.5/20.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.21	+ 1 52.4	2.506	3.284	12.2	21.3
11 27	6 12.63	+ 1 16.9	2.450	3.303	10.0	21.2
12 7	6 5.55	+ 0 54.4	2.417	3.322	7.9	21.1
12 17	5 57.57	+ 0 47.0	2.412	3.340	6.6	21.0
12 27	5 49.43	+ 0 55.8	2.435	3.358	6.8	21.1
1 6	5 41.92	+ 1 19.9	2.486	3.375	8.3	21.2
1 16	5 35.67	+ 1 57.3	2.564	3.393	10.3	21.4
1 26	5 31.18	+ 2 44.8	2.665	3.410	12.3	21.5

259497 2003 SV_{252} 12 20.5 358°.46 4°.0/20.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 23.15	+15 53.9	1.299	2.143	17.7	20.3
11 27	6 17.77	+15 23.9	1.233	2.143	13.5	20.0
12 7	6 9.26	+15 1.0	1.187	2.142	8.7	19.7
12 17	5 58.63	+14 46.9	1.166	2.142	4.5	19.5
12 27	5 47.44	+14 42.8	1.171	2.142	5.5	19.5
1 6	5 37.38	+14 49.1	1.201	2.142	10.2	19.8
1 16	5 29.81	+15 5.1	1.255	2.143	14.9	20.1
1 26	5 25.62	+15 29.6	1.330	2.143	18.9	20.3

485737 2012 BL_{78} 12 20.5 285°.89 4°.2/20.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.52	+11 25.1	1.955	2.774	13.7	22.0
11 27	6 14.26	+11 17.9	1.875	2.768	10.6	21.7
12 7	6 6.84	+11 20.2	1.818	2.762	7.2	21.5
12 17	5 57.97	+11 33.2	1.787	2.756	4.5	21.4
12 27	5 48.63	+11 56.8	1.786	2.750	5.0	21.4
1 6	5 39.93	+12 30.1	1.813	2.744	8.1	21.6
1 16	5 32.81	+13 11.1	1.866	2.738	11.5	21.7
1 26	5 28.01	+13 57.9	1.943	2.733	14.7	21.9

17190 Retopezzoli 12 20.5 354°.37 2°.1/20.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.65	+17 19.6	1.520	2.361	15.8	17.5
11 27	6 15.65	+17 28.8	1.449	2.359	11.8	17.3
12 7	6 7.91	+17 45.0	1.399	2.357	7.3	17.0
12 17	5 58.27	+18 7.6	1.375	2.355	2.9	16.7
12 27	5 48.08	+18 35.2	1.379	2.354	4.0	16.8
1 6	5 38.77	+19 6.1	1.409	2.354	8.6	17.1
1 16	5 31.58	+19 39.3	1.465	2.354	13.0	17.4
1 26	5 27.37	+20 14.0	1.542	2.354	16.8	17.6

276263 2002 RT_{277} 12 20.5 210°.42 0°.9/20.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.41	+27 8.5	2.452	3.273	11.2	20.9
11 27	6 14.57	+26 59.0	2.370	3.271	8.3	20.7
12 7	6 6.86	+26 45.8	2.313	3.269	5.0	20.5
12 17	5 57.94	+26 27.9	2.285	3.267	1.6	20.3
12 27	5 48.73	+26 5.2	2.288	3.264	2.5	20.3
1 6	5 40.19	+25 39.1	2.321	3.262	6.0	20.6
1 16	5 33.11	+25 11.2	2.382	3.259	9.2	20.8
1 26	5 28.13	+24 44.1	2.468	3.256	11.9	20.9

194572 2001 XR_{94} 12 20.5 268°.70 2°.7/20.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 24.88	+27 57.7	1.621	2.455	15.3	20.1
11 27	6 18.99	+28 39.8	1.542	2.448	11.5	19.9
12 7	6 10.03	+29 19.9	1.485	2.441	7.2	19.6
12 17	5 58.87	+29 53.3	1.455	2.433	3.2	19.4
12 27	5 46.95	+30 16.0	1.453	2.426	4.3	19.4
1 6	5 35.91	+30 27.0	1.479	2.419	8.7	19.7
1 16	5 27.17	+30 28.2	1.530	2.411	13.0	19.9
1 26	5 21.71	+30 23.4	1.602	2.404	16.8	20.1

365537 2010 SC_{3} 12 20.5 232°.86 1°.6/20.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.47	+28 16.0	2.187	3.009	12.3	21.8
11 27	6 16.41	+28 24.3	2.101	3.002	9.2	21.6
12 7	6 8.11	+28 28.5	2.040	2.995	5.7	21.4
12 17	5 58.30	+28 26.6	2.007	2.987	2.2	21.1
12 27	5 48.05	+28 17.5	2.005	2.979	3.1	21.2
1 6	5 38.50	+28 1.8	2.031	2.971	6.8	21.4
1 16	5 30.64	+27 41.6	2.086	2.963	10.3	21.6
1 26	5 25.20	+27 19.7	2.164	2.954	13.4	21.8

20675 1999 VK_{6} 12 20.5 97°.84 3°.1/20.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.06	+15 57.2	2.217	3.037	12.2	17.8
11 27	6 14.24	+15 10.4	2.149	3.046	9.2	17.6
12 7	6 6.61	+14 26.9	2.106	3.055	6.0	17.4
12 17	5 57.87	+13 48.6	2.091	3.064	3.4	17.3
12 27	5 48.92	+13 17.1	2.107	3.073	4.1	17.3
1 6	5 40.72	+12 53.7	2.152	3.082	7.1	17.5
1 16	5 34.02	+12 39.1	2.224	3.090	10.2	17.7
1 26	5 29.40	+12 33.0	2.320	3.099	12.9	17.9

451508 2011 UD_{316} 12 20.5 24°.14 0°.9/20.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 21.37	+22 3.9	1.613	2.453	15.1	21.6
11 27	6 15.97	+21 48.9	1.546	2.456	11.2	21.4
12 7	6 7.96	+21 34.2	1.501	2.460	6.7	21.1
12 17	5 58.26	+21 19.3	1.483	2.465	1.9	20.8
12 27	5 48.19	+21 4.6	1.492	2.469	3.4	21.0
1 6	5 39.11	+20 51.2	1.530	2.474	8.0	21.3
1 16	5 32.14	+20 40.5	1.592	2.480	12.3	21.5
1 26	5 28.03	+20 33.9	1.677	2.485	15.8	21.8

375106 2007 TT_{128} 12 20.5 56°.44 3°.0/20.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.45	+15 1.6	2.383	3.203	11.5	20.8
11 27	6 12.27	+14 29.7	2.314	3.211	8.7	20.6
12 7	6 5.43	+14 2.2	2.270	3.219	5.6	20.5
12 17	5 57.56	+13 40.2	2.254	3.227	3.2	20.3
12 27	5 49.49	+13 24.9	2.269	3.235	3.9	20.4
1 6	5 42.04	+13 16.7	2.312	3.243	6.6	20.6
1 16	5 35.94	+13 15.8	2.383	3.252	9.5	20.8
1 26	5 31.72	+13 21.6	2.478	3.260	12.1	21.0

177698 2005 GW_{26} 12 20.5 241°.82 3°.6/20.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 23.91	+15 29.8	1.556	2.388	16.0	20.5
11 27	6 18.06	+15 7.9	1.476	2.379	12.2	20.3
12 7	6 9.37	+14 52.6	1.417	2.370	7.9	20.0
12 17	5 58.69	+14 44.9	1.385	2.361	4.1	19.7
12 27	5 47.35	+14 45.7	1.381	2.351	5.0	19.8
1 6	5 36.86	+14 55.1	1.404	2.341	9.4	20.0
1 16	5 28.49	+15 12.6	1.452	2.331	13.8	20.2
1 26	5 23.16	+15 37.4	1.521	2.321	17.6	20.5

410634 2008 RN_{37} 12 20.5 11°.71 1°.3/20.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.65	+20 2.2	2.004	2.836	12.9	21.5
11 27	6 13.56	+19 54.5	1.931	2.838	9.5	21.3
12 7	6 6.38	+19 49.0	1.882	2.840	5.8	21.1
12 17	5 57.84	+19 45.4	1.861	2.842	2.0	20.9
12 27	5 48.97	+19 43.6	1.868	2.844	3.0	20.9
1 6	5 40.82	+19 43.9	1.905	2.847	6.9	21.2
1 16	5 34.31	+19 46.6	1.968	2.850	10.5	21.4
1 26	5 30.10	+19 52.3	2.054	2.853	13.6	21.6

47389 1999 XK_{106} 12 20.5 320°.84 0°.2/20.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 23.47	+25 22.7	1.291	2.141	17.5	18.0
11 27	6 18.32	+25 2.6	1.215	2.131	13.1	17.7
12 7	6 9.76	+24 38.3	1.161	2.122	7.9	17.4
12 17	5 58.81	+24 8.3	1.131	2.114	2.1	17.0
12 27	5 47.16	+23 33.3	1.128	2.106	3.9	17.1
1 6	5 36.68	+22 56.0	1.150	2.098	9.7	17.4
1 16	5 28.89	+22 20.5	1.196	2.091	14.8	17.7
1 26	5 24.76	+21 50.6	1.262	2.084	19.2	18.0

71999 2000 WC_{185} 12 20.5 126°.45 1°.5/20.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 28.99	+25 34.4	1.633	2.460	15.5	20.0
11 27	6 21.63	+26 9.3	1.571	2.475	11.5	19.8
12 7	6 11.34	+26 42.8	1.533	2.490	6.9	19.5
12 17	5 59.16	+27 10.8	1.523	2.504	2.3	19.3
12 27	5 46.58	+27 30.5	1.541	2.517	3.6	19.4
1 6	5 35.17	+27 41.4	1.589	2.529	8.2	19.7
1 16	5 26.17	+27 45.4	1.663	2.541	12.4	20.0
1 26	5 20.38	+27 45.8	1.759	2.552	15.8	20.2

297204 2011 CF_{89} 12 20.5 342°.79 2°.4/20.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.72	+30 11.7	1.873	2.704	13.6	20.8
11 27	6 15.44	+30 18.9	1.794	2.699	10.3	20.6
12 7	6 7.66	+30 20.0	1.739	2.693	6.5	20.3
12 17	5 58.20	+30 12.5	1.711	2.689	2.9	20.1
12 27	5 48.30	+29 55.3	1.711	2.684	3.7	20.2
1 6	5 39.25	+29 29.6	1.739	2.681	7.6	20.4
1 16	5 32.16	+28 58.4	1.794	2.677	11.3	20.6
1 26	5 27.79	+28 25.4	1.871	2.674	14.6	20.8

519766 2013 EQ_{96} 12 20.5 74°.46 1°.1/20.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.70	+20 6.6	1.824	2.656	14.0	21.2
11 27	6 15.91	+20 8.7	1.759	2.665	10.3	21.0
12 7	6 7.81	+20 13.4	1.717	2.675	6.2	20.8
12 17	5 58.22	+20 19.9	1.703	2.684	2.0	20.5
12 27	5 48.31	+20 27.6	1.718	2.694	3.1	20.6
1 6	5 39.29	+20 36.1	1.761	2.704	7.4	20.9
1 16	5 32.14	+20 45.9	1.831	2.714	11.2	21.2
1 26	5 27.57	+20 57.4	1.924	2.723	14.4	21.4

137212 1999 NB_{6} 12 20.5 130°.21 3°.1/20.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 26.41	+14 50.3	1.734	2.554	15.1	20.8
11 27	6 19.36	+14 49.8	1.672	2.569	11.4	20.6
12 7	6 9.84	+14 56.8	1.634	2.584	7.2	20.4
12 17	5 58.75	+15 11.2	1.623	2.599	3.5	20.2
12 27	5 47.37	+15 32.0	1.641	2.612	4.3	20.2
1 6	5 36.98	+15 58.2	1.689	2.625	8.2	20.5
1 16	5 28.65	+16 28.7	1.763	2.637	12.0	20.8
1 26	5 23.08	+17 2.4	1.860	2.648	15.3	21.0

175853 1999 UL_{27} 12 20.5 161°.94 5°.0/20.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 30.07	+34 43.0	1.696	2.513	15.5	20.4
11 27	6 22.73	+35 25.0	1.626	2.518	12.0	20.2
12 7	6 12.17	+35 57.5	1.579	2.522	8.2	20.0
12 17	5 59.43	+36 14.4	1.559	2.526	5.3	19.8
12 27	5 46.14	+36 12.2	1.567	2.529	5.9	19.9
1 6	5 34.04	+35 51.9	1.603	2.532	9.2	20.1
1 16	5 24.55	+35 18.1	1.665	2.534	12.9	20.3
1 26	5 18.54	+34 37.4	1.749	2.536	16.2	20.5

9550 Victorblanco 12 20.5 73°.91 1°.7/20.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.64	+20 46.2	1.741	2.574	14.5	17.6
11 27	6 16.63	+20 12.3	1.676	2.583	10.7	17.4
12 7	6 8.23	+19 38.9	1.634	2.591	6.5	17.1
12 17	5 58.34	+19 6.6	1.620	2.601	2.3	16.9
12 27	5 48.19	+18 36.8	1.635	2.610	3.6	17.0
1 6	5 39.04	+18 11.3	1.678	2.619	7.8	17.3
1 16	5 31.89	+17 51.7	1.747	2.628	11.7	17.5
1 26	5 27.41	+17 38.9	1.839	2.637	15.0	17.8

519307 2011 EF_{15} 12 20.5 256°.80 0°.1/20.5 18 C

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 27.23	+23 39.3	2.160	2.975	12.7	24.9
11 27	6 20.20	+23 44.4	2.047	2.945	9.6	24.6
12 7	6 10.59	+23 48.7	1.958	2.913	5.8	24.3
12 17	5 59.06	+23 50.5	1.899	2.881	1.6	24.0
12 27	5 46.68	+23 48.5	1.870	2.847	2.9	24.0
1 6	5 34.72	+23 42.6	1.873	2.812	7.3	24.2
1 16	5 24.39	+23 34.4	1.904	2.775	11.4	24.4
1 26	5 16.61	+23 26.1	1.960	2.738	15.0	24.6

435516 2008 JE_{10} 12 20.5 212°.11 2°.1/20.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 24.49	+18 58.3	1.697	2.527	14.9	22.4
11 27	6 18.26	+18 39.0	1.618	2.522	11.2	22.1
12 7	6 9.38	+18 22.3	1.562	2.518	6.9	21.9
12 17	5 58.70	+18 8.4	1.533	2.513	2.7	21.6
12 27	5 47.49	+17 57.8	1.533	2.507	3.9	21.7
1 6	5 37.14	+17 51.3	1.561	2.501	8.4	21.9
1 16	5 28.84	+17 49.8	1.615	2.495	12.6	22.2
1 26	5 23.40	+17 53.9	1.692	2.488	16.2	22.4

506137 2016 CK_{266} 12 20.5 310°.15 15°.7/23.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 41.53	+53 21.8	1.058	1.853	24.2	21.9
11 27	6 34.55	+54 21.2	0.994	1.845	21.3	21.7
12 7	6 20.65	+54 46.1	0.946	1.837	18.3	21.4
12 17	6 1.81	+54 18.0	0.915	1.829	16.2	21.3
12 27	5 42.06	+52 46.6	0.905	1.822	15.9	21.3
1 6	5 25.71	+50 18.8	0.916	1.815	17.7	21.3
1 16	5 15.40	+47 14.5	0.947	1.809	20.8	21.5
1 26	5 11.81	+43 57.6	0.996	1.803	24.3	21.7

400858 2010 NV_{53} 12 20.5 117°.75 2°.2/20.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.97	+16 47.4	2.070	2.893	12.9	21.6
11 27	6 15.14	+16 44.9	2.000	2.901	9.6	21.4
12 7	6 7.28	+16 47.3	1.955	2.909	6.0	21.2
12 17	5 58.11	+16 54.3	1.938	2.916	2.6	21.0
12 27	5 48.63	+17 5.6	1.951	2.924	3.4	21.1
1 6	5 39.89	+17 20.7	1.993	2.931	7.0	21.3
1 16	5 32.77	+17 39.3	2.062	2.938	10.4	21.6
1 26	5 27.91	+18 0.8	2.155	2.945	13.4	21.8

51254 2000 JK_{57} 12 20.5 126°.20 0°.2/20.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.31	+21 21.3	2.531	3.351	10.9	18.3
11 27	6 13.72	+21 44.8	2.455	3.356	8.0	18.1
12 7	6 6.37	+22 10.1	2.404	3.361	4.8	17.9
12 17	5 57.87	+22 35.6	2.383	3.365	1.3	17.7
12 27	5 49.05	+23 0.2	2.393	3.369	2.3	17.8
1 6	5 40.79	+23 23.0	2.433	3.374	5.7	18.0
1 16	5 33.85	+23 43.9	2.502	3.378	8.8	18.2
1 26	5 28.83	+24 3.3	2.595	3.382	11.5	18.4

185049 2006 RT_{4} 12 20.5 74°.53 0°.1/20.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 28.53	+22 38.9	1.322	2.162	17.7	20.6
11 27	6 21.42	+22 47.9	1.278	2.189	13.0	20.4
12 7	6 11.20	+22 57.5	1.256	2.215	7.7	20.2
12 17	5 59.13	+23 5.4	1.259	2.241	2.0	19.9
12 27	5 46.93	+23 10.0	1.290	2.267	3.6	20.1
1 6	5 36.30	+23 11.9	1.347	2.293	8.9	20.4
1 16	5 28.45	+23 12.8	1.430	2.318	13.4	20.8
1 26	5 24.06	+23 14.6	1.534	2.343	17.0	21.1

48127 2001 FX_{105} 12 20.5 164°.05 3°.9/20.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 26.83	+35 25.7	2.487	3.287	11.7	20.4
11 27	6 19.46	+36 0.4	2.412	3.294	9.0	20.2
12 7	6 9.86	+36 27.1	2.363	3.300	6.2	20.0
12 17	5 58.80	+36 42.1	2.342	3.305	4.1	19.9
12 27	5 47.37	+36 43.3	2.352	3.310	4.6	20.0
1 6	5 36.73	+36 31.0	2.392	3.314	7.0	20.1
1 16	5 27.85	+36 8.1	2.460	3.317	9.7	20.3
1 26	5 21.42	+35 38.5	2.553	3.320	12.2	20.5

27000 1998 BO_{44} 12 20.5 344°.15 2°.7/20.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 18.00	+13 55.9	2.292	3.111	11.9	17.5
11 27	6 12.88	+14 4.4	2.213	3.109	9.0	17.3
12 7	6 5.93	+14 20.0	2.159	3.108	5.8	17.1
12 17	5 57.77	+14 42.6	2.132	3.106	3.1	16.9
12 27	5 49.24	+15 11.5	2.135	3.105	3.6	17.0
1 6	5 41.27	+15 45.6	2.168	3.104	6.7	17.1
1 16	5 34.65	+16 23.5	2.229	3.103	9.8	17.3
1 26	5 30.01	+17 4.0	2.314	3.102	12.6	17.5

412422 2014 DJ_{130} 12 20.5 233°.72 0°.4/20.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 23.74	+21 50.2	1.864	2.691	13.9	21.9
11 27	6 17.66	+21 56.5	1.778	2.682	10.3	21.7
12 7	6 9.03	+22 4.2	1.716	2.673	6.2	21.4
12 17	5 58.63	+22 11.7	1.681	2.663	1.7	21.1
12 27	5 47.64	+22 18.1	1.676	2.653	3.1	21.2
1 6	5 37.36	+22 23.1	1.700	2.642	7.6	21.4
1 16	5 28.96	+22 27.5	1.751	2.631	11.7	21.6
1 26	5 23.26	+22 32.8	1.825	2.620	15.3	21.8

477878 2011 HW_{65} 12 20.5 238°.83 0°.0/20.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 24.66	+22 36.8	1.676	2.509	14.9	22.1
11 27	6 18.61	+22 51.8	1.594	2.501	11.2	21.8
12 7	6 9.73	+23 8.3	1.534	2.492	6.7	21.5
12 17	5 58.83	+23 24.0	1.501	2.483	1.8	21.2
12 27	5 47.26	+23 37.2	1.497	2.474	3.3	21.3
1 6	5 36.50	+23 47.1	1.521	2.465	8.2	21.5
1 16	5 27.84	+23 54.8	1.571	2.455	12.7	21.8
1 26	5 22.21	+24 1.9	1.644	2.445	16.4	22.0

517387 2014 KT_{100} 12 20.5 175°.57 1°.7/20.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.61	+16 27.0	2.429	3.240	11.6	22.4
11 27	6 16.17	+16 46.3	2.348	3.243	8.7	22.2
12 7	6 7.85	+17 10.8	2.293	3.245	5.4	22.0
12 17	5 58.28	+17 39.4	2.268	3.246	2.2	21.8
12 27	5 48.33	+18 11.0	2.274	3.247	2.9	21.8
1 6	5 38.95	+18 44.4	2.311	3.248	6.3	22.1
1 16	5 30.97	+19 18.5	2.377	3.247	9.5	22.3
1 26	5 25.02	+19 53.1	2.468	3.246	12.2	22.5

158597 2002 QR_{42} 12 20.5 136°.24 2°.7/20.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.24	+33 23.7	3.013	3.815	9.8	21.5
11 27	6 15.65	+33 45.0	2.943	3.829	7.4	21.4
12 7	6 7.41	+34 0.4	2.900	3.843	4.9	21.3
12 17	5 58.13	+34 7.5	2.887	3.856	2.9	21.1
12 27	5 48.65	+34 5.4	2.904	3.868	3.3	21.2
1 6	5 39.80	+33 54.5	2.953	3.880	5.5	21.3
1 16	5 32.29	+33 36.6	3.031	3.892	7.9	21.5
1 26	5 26.68	+33 14.3	3.134	3.903	10.1	21.7

27776 Cortland 12 20.5 21°.68 19°.6/26.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 50.11	+60 46.4	0.987	1.756	27.3	17.3
11 27	6 42.21	+61 55.2	0.940	1.759	24.7	17.1
12 7	6 25.47	+62 19.8	0.906	1.762	22.2	17.0
12 17	6 2.97	+61 39.0	0.887	1.767	20.3	16.9
12 27	5 40.56	+59 42.5	0.885	1.772	19.6	16.9
1 6	5 23.55	+56 41.3	0.903	1.777	20.4	16.9
1 16	5 14.25	+53 0.3	0.939	1.784	22.4	17.1
1 26	5 12.47	+49 6.3	0.993	1.791	25.0	17.3

96327 Ullmann 12 20.5 136°.86 18°.1/20.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 25.04	−13 12.1	1.304	2.049	22.9	18.6
11 27	6 18.98	−15 16.8	1.260	2.056	20.9	18.5
12 7	6 9.90	−16 45.8	1.232	2.062	19.2	18.4
12 17	5 58.85	−17 28.5	1.223	2.068	18.2	18.4
12 27	5 47.36	−17 19.2	1.233	2.074	18.3	18.4
1 6	5 37.05	−16 20.0	1.262	2.079	19.4	18.5
1 16	5 29.21	−14 39.3	1.309	2.084	21.1	18.6
1 26	5 24.66	−12 29.0	1.372	2.088	23.0	18.8

112637 2002 PK_{80} 12 20.5 323°.04 7°.1/19.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.73	+ 9 24.3	1.633	2.457	15.7	18.8
11 27	6 14.72	+ 8 2.8	1.557	2.448	12.5	18.5
12 7	6 7.26	+ 6 49.8	1.505	2.440	9.3	18.3
12 17	5 58.16	+ 5 50.6	1.478	2.432	7.2	18.2
12 27	5 48.58	+ 5 9.7	1.477	2.425	8.0	18.2
1 6	5 39.80	+ 4 49.4	1.503	2.418	10.9	18.4
1 16	5 32.89	+ 4 49.2	1.553	2.411	14.3	18.6
1 26	5 28.64	+ 5 6.5	1.623	2.405	17.4	18.8

376512 2012 LG_{2} 12 20.5 181°.27 4°.2/20.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 16.78	+ 7 1.4	3.213	4.001	9.6	22.3
11 27	6 11.44	+ 6 33.7	3.133	4.002	7.6	22.1
12 7	6 4.85	+ 6 13.4	3.079	4.002	5.6	22.0
12 17	5 57.46	+ 6 1.9	3.054	4.002	4.3	21.9
12 27	5 49.87	+ 6 0.0	3.059	4.001	4.6	21.9
1 6	5 42.67	+ 6 7.7	3.095	4.000	6.2	22.0
1 16	5 36.43	+ 6 24.3	3.158	3.999	8.3	22.2
1 26	5 31.58	+ 6 48.6	3.247	3.997	10.2	22.3

212371 2006 HE_{6} 12 20.5 168°.11 1°.5/20.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 26.68	+19 28.7	1.580	2.410	15.8	21.1
11 27	6 20.01	+19 29.0	1.509	2.414	11.8	20.8
12 7	6 10.47	+19 33.0	1.461	2.417	7.2	20.6
12 17	5 59.01	+19 39.5	1.439	2.420	2.4	20.3
12 27	5 47.05	+19 47.6	1.446	2.422	3.7	20.4
1 6	5 36.10	+19 57.2	1.481	2.423	8.5	20.7
1 16	5 27.41	+20 8.6	1.543	2.424	13.0	20.9
1 26	5 21.84	+20 22.5	1.626	2.424	16.7	21.2

450031 2015 RN 12 20.5 109°.60 3°.3/20.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 25.63	+31 47.4	1.812	2.636	14.4	21.2
11 27	6 19.09	+32 9.2	1.745	2.644	10.9	21.0
12 7	6 9.84	+32 23.7	1.701	2.651	7.0	20.8
12 17	5 58.82	+32 27.2	1.684	2.659	3.7	20.6
12 27	5 47.43	+32 17.7	1.696	2.666	4.4	20.7
1 6	5 37.10	+31 56.5	1.736	2.673	8.0	20.9
1 16	5 28.99	+31 27.2	1.803	2.680	11.6	21.1
1 26	5 23.87	+30 54.2	1.892	2.686	14.8	21.4

268721 2006 HR_{75} 12 20.5 229°.31 2°.0/20.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.40	+15 43.5	2.765	3.577	10.3	21.4
11 27	6 12.96	+15 48.3	2.673	3.568	7.7	21.2
12 7	6 5.90	+15 57.7	2.608	3.558	4.9	21.1
12 17	5 57.78	+16 11.6	2.571	3.548	2.3	20.9
12 27	5 49.29	+16 29.4	2.566	3.537	2.9	20.9
1 6	5 41.22	+16 50.7	2.591	3.526	5.8	21.1
1 16	5 34.27	+17 15.0	2.646	3.515	8.6	21.2
1 26	5 29.03	+17 41.6	2.725	3.504	11.2	21.4

223547 2004 EH_{68} 12 20.5 277°.17 0°.7/20.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 24.60	+25 9.9	1.497	2.336	16.1	20.7
11 27	6 18.93	+25 11.3	1.413	2.323	12.0	20.4
12 7	6 10.09	+25 10.6	1.351	2.310	7.3	20.1
12 17	5 58.97	+25 5.4	1.314	2.296	2.1	19.7
12 27	5 47.07	+24 54.6	1.305	2.283	3.6	19.8
1 6	5 36.08	+24 38.9	1.324	2.269	9.0	20.1
1 16	5 27.47	+24 21.1	1.367	2.255	13.8	20.3
1 26	5 22.25	+24 4.4	1.431	2.242	18.0	20.6

334304 2001 VW_{63} 12 20.5 58°.10 0°.8/20.6 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 27.20	+25 25.9	1.307	2.151	17.7	20.4
11 27	6 20.47	+25 28.0	1.265	2.177	13.0	20.2
12 7	6 10.64	+25 27.3	1.245	2.204	7.7	19.9
12 17	5 58.99	+25 21.4	1.250	2.232	2.2	19.7
12 27	5 47.28	+25 9.8	1.282	2.259	3.7	19.9
1 6	5 37.18	+24 54.2	1.340	2.286	8.8	20.2
1 16	5 29.88	+24 37.5	1.424	2.314	13.3	20.6
1 26	5 26.02	+24 22.6	1.528	2.341	16.9	20.9

120659 1996 UX_{2} 12 20.5 55°.61 1°.5/20.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 23.95	+27 42.3	1.674	2.508	14.9	20.0
11 27	6 17.70	+27 43.7	1.622	2.529	11.0	19.9
12 7	6 8.89	+27 40.5	1.592	2.549	6.7	19.6
12 17	5 58.54	+27 30.6	1.590	2.571	2.3	19.4
12 27	5 48.04	+27 13.6	1.616	2.592	3.4	19.5
1 6	5 38.73	+26 51.1	1.670	2.613	7.6	19.8
1 16	5 31.67	+26 26.1	1.750	2.635	11.5	20.1
1 26	5 27.48	+26 1.7	1.853	2.657	14.7	20.4

483792 2005 VO_{56} 12 20.5 192°.31 0°.7/20.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.67	+21 2.5	2.076	2.903	12.7	22.0
11 27	6 15.06	+21 8.0	1.999	2.903	9.4	21.7
12 7	6 7.33	+21 15.3	1.946	2.903	5.6	21.5
12 17	5 58.18	+21 23.3	1.921	2.903	1.6	21.2
12 27	5 48.64	+21 31.2	1.926	2.902	2.8	21.3
1 6	5 39.79	+21 39.0	1.960	2.902	6.8	21.6
1 16	5 32.57	+21 47.0	2.021	2.901	10.4	21.8
1 26	5 27.67	+21 55.9	2.106	2.901	13.5	22.0

228947 2003 TQ_{59} 12 20.5 14°.99 1°.7/20.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.45	+19 51.0	2.174	3.001	12.2	20.1
11 27	6 13.99	+19 20.9	2.098	3.001	9.1	19.9
12 7	6 6.60	+18 51.7	2.046	3.002	5.5	19.7
12 17	5 57.97	+18 24.0	2.023	3.002	2.2	19.5
12 27	5 49.05	+17 58.9	2.029	3.003	3.2	19.5
1 6	5 40.83	+17 37.6	2.065	3.004	6.7	19.8
1 16	5 34.15	+17 21.3	2.128	3.005	10.1	20.0
1 26	5 29.62	+17 10.7	2.215	3.006	13.1	20.2

133673 2003 UY_{190} 12 20.5 177°.27 2°.0/20.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.44	+17 49.8	2.083	2.904	12.9	20.3
11 27	6 16.30	+17 41.3	2.006	2.905	9.6	20.1
12 7	6 8.03	+17 36.4	1.953	2.907	6.0	19.8
12 17	5 58.37	+17 35.1	1.929	2.907	2.5	19.6
12 27	5 48.35	+17 37.1	1.934	2.908	3.4	19.7
1 6	5 39.03	+17 42.6	1.970	2.908	7.1	19.9
1 16	5 31.35	+17 51.7	2.032	2.907	10.6	20.1
1 26	5 25.99	+18 4.5	2.119	2.906	13.7	20.3

34880 2001 UN_{45} 12 20.5 75°.63 2°.0/20.5 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 17.67	+16 54.9	2.470	3.290	11.1	19.5
11 27	6 12.48	+16 44.6	2.396	3.295	8.3	19.4
12 7	6 5.63	+16 37.9	2.348	3.300	5.2	19.2
12 17	5 57.72	+16 35.1	2.328	3.305	2.4	19.0
12 27	5 49.56	+16 36.3	2.338	3.310	3.1	19.1
1 6	5 41.99	+16 41.5	2.378	3.315	6.1	19.3
1 16	5 35.71	+16 50.7	2.446	3.320	9.1	19.5
1 26	5 31.28	+17 3.5	2.539	3.325	11.7	19.6

57742 2001 UA_{163} 12 20.5 177°.59 0°.1/20.5 18

11 17	6 25.19	+22 58.1	2.029	2.850	13.2	20.3
11 27	6 18.46	+23 10.2	1.950	2.852	9.8	20.1
12 7	6 9.39	+23 22.7	1.897	2.854	5.8	19.8
12 17	5 58.75	+23 33.5	1.872	2.855	1.6	19.5
12 27	5 47.68	+23 41.6	1.878	2.855	2.8	19.6
1 6	5 37.38	+23 46.6	1.914	2.854	7.0	19.9
1 16	5 28.89	+23 49.6	1.977	2.853	10.8	20.1
1 26	5 22.96	+23 52.2	2.064	2.852	14.0	20.3

244004 2001 SV_{52} 12 20.5 100°.53 6°.5/20.4 18

11 17	6 19.78	+ 6 1.9	1.996	2.799	14.0	20.5
11 27	6 14.24	+ 5 16.0	1.932	2.808	11.2	20.4
12 7	6 6.75	+ 4 42.2	1.892	2.816	8.5	20.2
12 17	5 58.03	+ 4 23.6	1.877	2.824	6.7	20.1
12 27	5 49.04	+ 4 22.0	1.891	2.832	7.1	20.2
1 6	5 40.78	+ 4 36.9	1.932	2.840	9.2	20.3
1 16	5 34.11	+ 5 6.5	1.999	2.848	11.9	20.5
1 26	5 29.62	+ 5 47.6	2.088	2.856	14.5	20.7

292147 2006 RL_{93} 12 20.5 99°.65 1°.2/20.5 18

11 17	6 22.46	+20 42.9	1.940	2.768	13.4	21.1
11 27	6 16.33	+20 28.5	1.876	2.780	9.9	20.9
12 7	6 8.02	+20 15.3	1.835	2.792	6.0	20.7
12 17	5 58.36	+20 3.1	1.822	2.803	1.9	20.5
12 27	5 48.45	+19 52.0	1.839	2.815	3.1	20.6
1 6	5 39.43	+19 43.0	1.885	2.827	7.1	20.9
1 16	5 32.22	+19 36.8	1.959	2.838	10.7	21.1
1 26	5 27.46	+19 34.3	2.055	2.849	13.8	21.3

92733 2000 QB_{101} 12 20.5 126°.30 3°.6/20.7 18

11 17	6 23.62	+12 55.7	1.862	2.679	14.3	19.7
11 27	6 17.23	+12 53.1	1.797	2.691	10.9	19.5
12 7	6 8.60	+12 59.4	1.756	2.703	7.1	19.3
12 17	5 58.52	+13 14.6	1.742	2.714	4.0	19.1
12 27	5 48.14	+13 38.4	1.758	2.725	4.6	19.2
1 6	5 38.60	+14 9.4	1.802	2.736	8.0	19.4
1 16	5 30.89	+14 45.9	1.873	2.746	11.5	19.7
1 26	5 25.68	+15 26.5	1.968	2.755	14.6	19.9

270092 2001 QC_{214} 12 20.5 107°.51 16°.1/23.4 18

11 17	6 48.91	+55 21.2	1.179	1.950	23.6	20.3
11 27	6 39.74	+56 49.0	1.132	1.960	20.8	20.2
12 7	6 23.55	+57 42.5	1.102	1.970	18.2	20.0
12 17	6 2.60	+57 44.2	1.090	1.980	16.4	20.0
12 27	5 41.18	+56 45.4	1.098	1.990	16.2	20.0
1 6	5 23.61	+54 53.5	1.128	1.999	17.5	20.1
1 16	5 12.34	+52 26.8	1.179	2.008	19.8	20.3
1 26	5 7.85	+49 45.9	1.247	2.016	22.3	20.5

230263 2001 WC_{61} 12 20.5 65°.89 1°.2/20.6 17

11 17	6 26.60	+25 46.7	1.406	2.246	16.9	20.6
11 27	6 20.04	+25 58.0	1.357	2.268	12.5	20.4
12 7	6 10.45	+26 6.6	1.330	2.289	7.4	20.2
12 17	5 59.02	+26 9.6	1.329	2.310	2.3	19.9
12 27	5 47.40	+26 5.7	1.355	2.332	3.6	20.0
1 6	5 37.19	+25 56.1	1.408	2.353	8.6	20.4
1 16	5 29.63	+25 43.4	1.487	2.375	12.9	20.7
1 26	5 25.40	+25 30.9	1.587	2.396	16.5	21.0

478682 2012 TA_{302} 12 20.5 172°.21 3°.5/20.4 18

11 17	6 27.50	+30 53.8	1.818	2.639	14.4	21.2
11 27	6 20.65	+31 37.8	1.744	2.642	10.9	21.0
12 7	6 10.92	+32 16.6	1.694	2.644	7.1	20.8
12 17	5 59.21	+32 45.3	1.672	2.646	3.8	20.6
12 27	5 46.92	+33 0.4	1.678	2.647	4.6	20.6
1 6	5 35.58	+33 1.6	1.714	2.647	8.3	20.9
1 16	5 26.47	+32 51.6	1.775	2.648	12.0	21.1
1 26	5 20.46	+32 35.0	1.860	2.647	15.3	21.3

451726 2013 DH_{14} 12 20.5 185°.33 3°.9/20.4 18

11 17	6 20.74	+12 9.8	2.293	3.102	12.2	21.7
11 27	6 14.84	+11 41.9	2.214	3.102	9.4	21.5
12 7	6 7.10	+11 20.5	2.160	3.102	6.4	21.3
12 17	5 58.15	+11 7.0	2.134	3.101	4.1	21.2
12 27	5 48.87	+11 2.5	2.139	3.100	4.6	21.2
1 6	5 40.21	+11 7.1	2.173	3.098	7.4	21.4
1 16	5 32.96	+11 20.3	2.234	3.096	10.4	21.6
1 26	5 27.74	+11 40.9	2.319	3.093	13.1	21.7

434643 2005 XC_3 12 20.5 54°.37 1°.2/20.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 25.13	+23 56.1	1.373	2.216	17.0	20.4
11 27	6 19.24	+24 38.5	1.316	2.228	12.6	20.2
12 7	6 10.17	+25 22.3	1.281	2.241	7.5	19.9
12 17	5 59.01	+26 2.9	1.272	2.253	2.3	19.6
12 27	5 47.36	+26 36.4	1.290	2.266	3.8	19.8
1 6	5 36.96	+27 1.6	1.334	2.279	8.9	20.1
1 16	5 29.16	+27 19.3	1.404	2.293	13.5	20.4
1 26	5 24.81	+27 32.2	1.494	2.306	17.2	20.7

69068 2003 AO_{32} 12 20.5 56°.14 4°.3/20.9 18

11 17	6 27.79	+33 18.8	1.346	2.183	17.7	18.4
11 27	6 21.34	+33 31.5	1.291	2.196	13.4	18.1
12 7	6 11.41	+33 32.8	1.257	2.209	8.8	17.9
12 17	5 59.31	+33 18.0	1.248	2.222	4.8	17.7
12 27	5 46.91	+32 45.9	1.265	2.235	5.4	17.8
1 6	5 36.10	+31 59.8	1.308	2.249	9.6	18.1
1 16	5 28.29	+31 6.2	1.376	2.263	13.9	18.4
1 26	5 24.22	+30 11.6	1.465	2.277	17.5	18.6

447793 2007 ST_{17} 12 20.5 103°.10 1°.6/20.5 15

11 17	6 24.37	+19 2.4	1.906	2.729	13.8	22.7
11 27	6 17.68	+18 54.6	1.848	2.749	10.2	22.5
12 7	6 8.79	+18 49.7	1.814	2.769	6.2	22.3
12 17	5 58.58	+18 47.2	1.809	2.789	2.3	22.1
12 27	5 48.18	+18 47.1	1.833	2.808	3.3	22.2
1 6	5 38.74	+18 49.5	1.887	2.827	7.2	22.5
1 16	5 31.19	+18 54.7	1.968	2.845	10.8	22.7
1 26	5 26.14	+19 3.1	2.073	2.863	13.9	23.0

17866 1998 KV_{45} 12 20.5 198°.90 3°.4/20.0 18

11 17	6 24.79	+30 53.7	2.352	3.165	11.9	18.3
11 27	6 18.24	+32 2.0	2.271	3.163	9.0	18.1
12 7	6 9.35	+33 7.5	2.215	3.161	6.0	17.9
12 17	5 58.80	+34 5.3	2.188	3.158	3.6	17.7
12 27	5 47.63	+34 51.6	2.192	3.156	4.3	17.8
1 6	5 37.01	+35 24.6	2.227	3.153	7.2	18.0
1 16	5 28.02	+35 45.1	2.289	3.149	10.2	18.1
1 26	5 21.48	+35 56.1	2.376	3.146	12.9	18.3

180988 2005 NY_{15} 12 20.5 153°.99 1°.6/20.6 18

11 17	6 23.46	+28 19.0	2.153	2.974	12.5	21.2
11 27	6 17.10	+28 26.8	2.079	2.979	9.3	21.0
12 7	6 8.53	+28 30.5	2.029	2.983	5.7	20.8
12 17	5 58.53	+28 27.8	2.007	2.987	2.2	20.5
12 27	5 48.21	+28 17.9	2.016	2.991	3.1	20.6
1 6	5 38.69	+28 1.5	2.054	2.994	6.7	20.8
1 16	5 30.93	+27 40.9	2.120	2.997	10.2	21.1
1 26	5 25.62	+27 18.9	2.210	3.000	13.1	21.3

355002 2006 QB_{20} 12 20.5 118°.25 5°.3/20.9 18

11 17	6 21.56	+ 7 12.0	2.131	2.930	13.4	21.3
11 27	6 15.41	+ 6 54.4	2.070	2.946	10.5	21.1
12 7	6 7.39	+ 6 48.5	2.032	2.961	7.6	20.9
12 17	5 58.22	+ 6 55.6	2.021	2.976	5.6	20.8
12 27	5 48.81	+ 7 16.1	2.040	2.990	5.9	20.9
1 6	5 40.15	+ 7 48.7	2.088	3.004	8.2	21.1
1 16	5 33.03	+ 8 31.3	2.162	3.017	10.9	21.3
1 26	5 28.04	+ 9 21.0	2.260	3.030	13.5	21.5

487118 2014 OA_{171} 12 20.5 310°.30 0°.8/20.6 17

11 17	6 21.25	+19 22.7	1.759	2.593	14.3	20.8
11 27	6 15.99	+19 51.4	1.677	2.584	10.7	20.6
12 7	6 8.15	+20 25.7	1.617	2.575	6.5	20.3
12 17	5 58.50	+21 3.6	1.585	2.567	1.9	20.0
12 27	5 48.19	+21 42.8	1.581	2.558	3.2	20.1
1 6	5 38.57	+22 21.3	1.606	2.550	7.8	20.3
1 16	5 30.79	+22 58.0	1.657	2.542	12.0	20.5
1 26	5 25.76	+23 32.9	1.730	2.534	15.6	20.8

307721 2003 UC_{167} 12 20.5 77°.16 1°.4/20.4 18

11 17	6 23.74	+21 51.7	1.687	2.520	14.8	20.4
11 27	6 17.52	+21 16.9	1.624	2.531	11.0	20.2
12 7	6 8.83	+20 41.5	1.585	2.542	6.6	19.9
12 17	5 58.61	+20 6.0	1.572	2.554	2.1	19.7
12 27	5 48.16	+19 32.0	1.589	2.565	3.5	19.8
1 6	5 38.77	+19 1.5	1.634	2.576	7.9	20.1
1 16	5 31.49	+18 36.5	1.705	2.587	11.9	20.3
1 26	5 26.98	+18 18.4	1.798	2.598	15.3	20.6

395468 2011 UH_{13} 12 20.5 62°.40 1°.9/20.5 18

11 17	6 22.22	+19 15.4	1.665	2.500	14.9	21.0
11 27	6 16.46	+19 0.7	1.604	2.512	11.1	20.8
12 7	6 8.23	+18 49.0	1.566	2.523	6.7	20.6
12 17	5 58.47	+18 40.4	1.555	2.535	2.5	20.4
12 27	5 48.41	+18 35.0	1.572	2.547	3.6	20.5
1 6	5 39.36	+18 33.4	1.617	2.560	7.9	20.7
1 16	5 32.35	+18 36.0	1.688	2.572	11.9	21.0
1 26	5 28.07	+18 42.9	1.782	2.584	15.3	21.3

278955 2008 UU_{74} 12 20.5 83°.05 2°.0/20.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 21.34	+29 29.3	2.397	3.216	11.5	20.8
11 27	6 15.31	+29 47.8	2.334	3.232	8.5	20.7
12 7	6 7.35	+30 2.0	2.296	3.248	5.3	20.5
12 17	5 58.21	+30 9.6	2.286	3.264	2.4	20.3
12 27	5 48.85	+30 9.5	2.307	3.279	3.1	20.4
1 6	5 40.25	+30 2.3	2.358	3.295	6.1	20.6
1 16	5 33.24	+29 49.7	2.436	3.311	9.1	20.8
1 26	5 28.39	+29 34.1	2.540	3.326	11.7	21.0

327623 2006 HT_{2} 12 20.5 106°.81 4°.7/20.5 17

11 17	6 23.78	+36 56.1	2.374	3.179	12.0	21.1
11 27	6 17.41	+37 41.3	2.305	3.187	9.4	21.0
12 7	6 8.77	+38 17.9	2.261	3.194	6.7	20.8
12 17	5 58.62	+38 41.8	2.244	3.202	4.8	20.7
12 27	5 48.08	+38 50.4	2.256	3.209	5.2	20.7
1 6	5 38.33	+38 44.1	2.298	3.216	7.4	20.9
1 16	5 30.36	+38 25.4	2.367	3.223	10.0	21.1
1 26	5 24.89	+37 58.4	2.459	3.230	12.5	21.2

343254 2009 XU_{17} 12 20.5 313°.36 1°.1/20.5 18

11 17	6 22.57	+25 8.8	1.396	2.243	16.6	21.1
11 27	6 17.67	+25 25.9	1.315	2.229	12.4	20.8
12 7	6 9.49	+25 42.5	1.255	2.216	7.6	20.5
12 17	5 58.91	+25 55.4	1.221	2.202	2.3	20.1
12 27	5 47.47	+26 2.2	1.212	2.189	3.9	20.2
1 6	5 36.95	+26 2.5	1.230	2.177	9.3	20.5
1 16	5 28.88	+25 58.4	1.272	2.165	14.3	20.7
1 26	5 24.34	+25 52.8	1.334	2.154	18.5	20.9

348286 2004 XF_{26} 12 20.5 51°.93 1°.9/20.4 18

11 17	6 25.78	+25 29.6	1.369	2.212	17.1	19.2
11 27	6 19.60	+26 15.6	1.323	2.234	12.6	19.0
12 7	6 10.29	+27 0.4	1.298	2.257	7.6	18.8
12 17	5 59.03	+27 39.1	1.299	2.280	2.7	18.5
12 27	5 47.46	+28 8.3	1.327	2.303	4.0	18.7
1 6	5 37.29	+28 27.0	1.382	2.326	8.8	19.0
1 16	5 29.78	+28 37.4	1.462	2.350	13.1	19.3
1 26	5 25.70	+28 42.5	1.563	2.373	16.7	19.6

361992 2008 SM_{89} 12 20.5 77°.11 4°.2/20.3 17

11 17	6 18.17	+11 37.9	2.271	3.085	12.2	21.2
11 27	6 12.93	+11 2.5	2.200	3.090	9.4	21.0
12 7	6 5.95	+10 34.1	2.153	3.094	6.5	20.8
12 17	5 57.85	+10 14.4	2.134	3.099	4.4	20.7
12 27	5 49.51	+10 4.6	2.145	3.103	4.9	20.7
1 6	5 41.78	+10 5.0	2.184	3.108	7.4	20.9
1 16	5 35.44	+10 15.1	2.250	3.112	10.3	21.1
1 26	5 31.06	+10 33.5	2.340	3.117	12.8	21.3

332498 2008 FN_{110} 12 20.5 155°.04 3°.2/20.6 18

11 17	6 24.97	+15 0.0	1.812	2.631	14.6	22.1
11 27	6 18.35	+14 48.2	1.742	2.639	11.0	21.9
12 7	6 9.35	+14 43.0	1.696	2.646	7.1	21.7
12 17	5 58.78	+14 44.9	1.677	2.652	3.6	21.5
12 27	5 47.84	+14 53.8	1.687	2.657	4.4	21.5
1 6	5 37.78	+15 9.3	1.727	2.662	8.1	21.8
1 16	5 29.62	+15 30.7	1.793	2.667	11.9	22.0
1 26	5 24.11	+15 57.0	1.883	2.670	15.1	22.2

128363 2004 HL_{28} 12 20.5 130°.55 0°.1/20.5 18

11 17	6 26.73	+22 31.5	1.959	2.779	13.6	21.1
11 27	6 19.54	+22 53.5	1.895	2.796	10.0	20.9
12 7	6 9.99	+23 16.3	1.855	2.812	6.0	20.7
12 17	5 58.94	+23 37.5	1.845	2.827	1.6	20.4
12 27	5 47.58	+23 55.4	1.864	2.841	2.8	20.5
1 6	5 37.15	+24 9.6	1.914	2.855	7.0	20.8
1 16	5 28.65	+24 20.7	1.992	2.867	10.7	21.1
1 26	5 22.79	+24 30.3	2.093	2.879	13.8	21.3

147758 2005 PW_{12} 12 20.5 33°.83 0°.1/20.5 18

11 17	6 21.76	+22 7.9	1.900	2.730	13.5	20.2
11 27	6 16.12	+22 33.1	1.825	2.731	10.0	19.9
12 7	6 8.10	+23 0.5	1.774	2.732	6.0	19.7
12 17	5 58.47	+23 27.7	1.751	2.733	1.6	19.4
12 27	5 48.38	+23 52.8	1.757	2.734	2.9	19.5
1 6	5 39.03	+24 14.8	1.792	2.735	7.2	19.8
1 16	5 31.49	+24 33.9	1.854	2.737	11.1	20.0
1 26	5 26.52	+24 50.9	1.939	2.738	14.4	20.2

179326 2001 WX_{53} 12 20.5 148°.62 2°.7/20.5 18

11 17	6 23.93	+30 16.4	2.183	3.001	12.5	21.0
11 27	6 17.54	+30 50.0	2.109	3.006	9.4	20.8
12 7	6 8.86	+31 19.1	2.061	3.011	6.0	20.6
12 17	5 58.67	+31 40.3	2.040	3.016	3.0	20.5
12 27	5 48.06	+31 51.3	2.050	3.020	3.7	20.5
1 6	5 38.23	+31 52.2	2.089	3.024	7.0	20.7
1 16	5 30.17	+31 44.7	2.156	3.028	10.2	20.9
1 26	5 24.62	+31 32.1	2.247	3.031	13.1	21.1

449659 2014 KR_{73} 12 20.5 158°.73 5°.3/20.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 21.19	+10 21.7	1.991	2.803	13.7	21.8
11 27	6 15.36	+ 9 30.9	1.920	2.807	10.7	21.6
12 7	6 7.48	+ 8 48.2	1.873	2.810	7.6	21.5
12 17	5 58.28	+ 8 16.4	1.852	2.812	5.5	21.3
12 27	5 48.78	+ 7 57.8	1.861	2.815	6.0	21.4
1 6	5 40.01	+ 7 52.8	1.898	2.817	8.7	21.5
1 16	5 32.87	+ 8 1.1	1.961	2.819	11.8	21.7
1 26	5 28.00	+ 8 20.5	2.047	2.820	14.6	21.9

244484 2002 SW_{71} 12 20.5 62°.75 0°.8/20.5 18

11 17	6 27.16	+22 28.0	1.611	2.441	15.6	19.9
11 27	6 20.09	+23 21.3	1.568	2.474	11.4	19.7
12 7	6 10.37	+24 16.0	1.549	2.507	6.7	19.6
12 17	5 59.04	+25 7.8	1.557	2.539	1.9	19.3
12 27	5 47.53	+25 53.1	1.595	2.571	3.3	19.5
1 6	5 37.26	+26 30.2	1.661	2.603	7.7	19.8
1 16	5 29.32	+26 59.7	1.754	2.635	11.7	20.1
1 26	5 24.39	+27 23.5	1.869	2.666	14.9	20.4

132937 2002 TN_{19} 12 20.6 151°.81 0°.3/20.6 18

11 17	6 19.70	+24 21.4	2.733	3.551	10.2	20.2
11 27	6 13.91	+24 26.3	2.657	3.557	7.6	20.0
12 7	6 6.48	+24 30.2	2.606	3.562	4.5	19.8
12 17	5 58.01	+24 32.0	2.585	3.567	1.2	19.6
12 27	5 49.29	+24 31.3	2.596	3.572	2.2	19.7
1 6	5 41.14	+24 28.2	2.637	3.577	5.4	19.9
1 16	5 34.27	+24 23.5	2.706	3.581	8.3	20.1
1 26	5 29.23	+24 18.6	2.802	3.585	10.8	20.3

434507 2005 SF_{93} 12 20.6 63°.29 1°.1/20.5 16

11 17	6 26.25	+21 15.9	1.335	2.178	17.5	21.1
11 27	6 19.74	+21 7.4	1.289	2.201	12.9	20.9
12 7	6 10.26	+21 0.7	1.266	2.225	7.7	20.7
12 17	5 59.01	+20 55.0	1.267	2.249	2.3	20.4
12 27	5 47.63	+20 49.9	1.296	2.273	3.7	20.6
1 6	5 37.71	+20 46.1	1.352	2.297	8.8	21.0
1 16	5 30.41	+20 44.8	1.432	2.321	13.3	21.3
1 26	5 26.42	+20 47.1	1.533	2.345	16.9	21.6

111835 2002 EL_{16} 12 20.6 270°.63 19°.4/19.4 18

11 17	6 22.76	−13 9.9	1.231	1.986	23.5	20.1
11 27	6 17.66	−15 29.0	1.180	1.982	21.7	19.9
12 7	6 9.37	−17 13.0	1.145	1.977	20.2	19.8
12 17	5 58.88	−18 9.6	1.127	1.973	19.4	19.7
12 27	5 47.71	−18 10.6	1.127	1.968	19.7	19.7
1 6	5 37.58	−17 16.7	1.144	1.963	20.9	19.8
1 16	5 29.92	−15 35.6	1.179	1.959	22.8	19.9
1 26	5 25.69	−13 19.5	1.227	1.954	24.8	20.0

247725 2003 FC_{123} 12 20.6 290°.39 4°.3/20.4 18

11 17	6 23.70	+33 28.3	1.937	2.759	13.7	20.6
11 27	6 17.98	+34 12.3	1.847	2.743	10.6	20.4
12 7	6 9.46	+34 50.3	1.781	2.726	7.2	20.2
12 17	5 58.91	+35 17.2	1.741	2.710	4.6	20.0
12 27	5 47.61	+35 29.3	1.730	2.694	5.2	20.0
1 6	5 36.99	+35 26.0	1.748	2.678	8.4	20.1
1 16	5 28.38	+35 9.8	1.791	2.662	12.0	20.3
1 26	5 22.73	+34 45.3	1.856	2.646	15.2	20.5

165866 2001 SL_{89} 12 20.6 216°.85 4°.9/20.3 18

11 17	6 16.91	+ 6 50.8	2.763	3.556	10.8	21.0
11 27	6 11.80	+ 6 17.0	2.680	3.551	8.6	20.9
12 7	6 5.23	+ 5 51.6	2.622	3.546	6.4	20.7
12 17	5 57.70	+ 5 36.5	2.593	3.541	5.0	20.6
12 27	5 49.89	+ 5 33.0	2.593	3.535	5.3	20.6
1 6	5 42.53	+ 5 41.2	2.622	3.529	7.2	20.8
1 16	5 36.25	+ 6 0.1	2.678	3.523	9.4	20.9
1 26	5 31.57	+ 6 28.1	2.759	3.516	11.6	21.0

322921 2002 CR_{217} 12 20.6 283°.26 3°.8/20.6 18

11 17	6 23.52	+15 7.8	1.347	2.187	17.5	20.8
11 27	6 18.21	+14 56.9	1.271	2.179	13.3	20.5
12 7	6 9.74	+14 55.2	1.216	2.170	8.6	20.2
12 17	5 59.00	+15 3.4	1.186	2.162	4.3	19.9
12 27	5 47.49	+15 21.5	1.182	2.154	5.3	20.0
1 6	5 36.91	+15 48.5	1.204	2.146	10.1	20.2
1 16	5 28.72	+16 22.8	1.250	2.138	14.9	20.5
1 26	5 23.92	+17 2.8	1.316	2.130	19.1	20.7

319143 2005 YT_{23} 12 20.6 161°.61 0°.8/20.6 17

11 17	6 20.28	+20 14.5	2.168	2.993	12.3	20.5
11 27	6 14.74	+20 25.8	2.090	2.994	9.1	20.3
12 7	6 7.16	+20 39.6	2.038	2.994	5.5	20.1
12 17	5 58.24	+20 55.0	2.013	2.995	1.7	19.8
12 27	5 48.94	+21 10.9	2.019	2.995	2.7	19.9
1 6	5 40.28	+21 26.8	2.054	2.995	6.5	20.1
1 16	5 33.15	+21 42.6	2.116	2.996	10.0	20.4
1 26	5 28.24	+21 58.7	2.203	2.996	13.0	20.6

189159 2002 LZ_{19} 12 20.6 97°.12 1°.4/20.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 23.45	+29 37.1	2.491	3.304	11.3	20.1
11 27	6 16.64	+29 19.1	2.428	3.324	8.4	19.9
12 7	6 8.05	+28 55.4	2.391	3.344	5.1	19.7
12 17	5 58.43	+28 25.2	2.384	3.363	1.9	19.6
12 27	5 48.73	+27 49.0	2.408	3.382	2.6	19.6
1 6	5 39.89	+27 8.6	2.463	3.401	5.8	19.9
1 16	5 32.65	+26 26.7	2.546	3.420	8.8	20.1
1 26	5 27.54	+25 46.1	2.655	3.438	11.3	20.3

26140 1994 CX_{10} 12 20.6 221°.98 0°.3/20.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.13	+22 9.3	2.692	3.511	10.3	19.4
11 27	6 13.60	+22 13.9	2.604	3.504	7.7	19.2
12 7	6 6.38	+22 18.9	2.542	3.498	4.6	19.0
12 17	5 58.03	+22 23.7	2.509	3.491	1.3	18.8
12 27	5 49.35	+22 27.5	2.507	3.483	2.2	18.9
1 6	5 41.15	+22 30.4	2.536	3.476	5.5	19.1
1 16	5 34.18	+22 32.9	2.593	3.468	8.6	19.3
1 26	5 29.03	+22 35.8	2.675	3.460	11.2	19.4

123149 2000 TK_{29} 12 20.6 36°.18 6°.7/21.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 26.43	+41 13.5	1.840	2.646	14.9	19.2
11 27	6 19.99	+41 46.6	1.776	2.652	12.0	19.0
12 7	6 10.55	+42 4.9	1.733	2.659	9.0	18.8
12 17	5 59.17	+42 2.9	1.717	2.666	7.0	18.7
12 27	5 47.43	+41 38.1	1.727	2.673	7.2	18.7
1 6	5 36.93	+40 52.7	1.764	2.681	9.4	18.9
1 16	5 28.94	+39 52.5	1.827	2.689	12.3	19.1
1 26	5 24.23	+38 44.5	1.912	2.697	15.1	19.3

356086 2009 DG_{128} 12 20.6 28°.70 8°.6/21.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 27.84	+42 20.3	1.311	2.134	18.8	19.6
11 27	6 21.87	+42 56.2	1.261	2.147	15.2	19.4
12 7	6 11.95	+43 11.4	1.231	2.160	11.5	19.2
12 17	5 59.55	+42 58.5	1.224	2.175	8.9	19.1
12 27	5 46.88	+42 14.9	1.241	2.190	9.0	19.2
1 6	5 36.12	+41 5.6	1.283	2.206	11.6	19.4
1 16	5 28.79	+39 39.9	1.348	2.223	14.9	19.6
1 26	5 25.59	+38 8.3	1.434	2.241	18.1	19.9

419243 2009 VR_{43} 12 20.6 339°.48 9°.2/17.4 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 27.56	+37 48.7	1.602	2.422	16.1	20.2
11 27	6 22.23	+40 33.4	1.521	2.404	13.2	20.0
12 7	6 12.88	+43 16.1	1.464	2.388	10.5	19.8
12 17	6 0.07	+45 42.8	1.435	2.373	9.2	19.7
12 27	5 45.36	+47 40.8	1.433	2.359	10.3	19.7
1 6	5 30.98	+49 3.3	1.457	2.346	13.1	19.8
1 16	5 19.19	+49 51.3	1.505	2.334	16.2	20.0
1 26	5 11.70	+50 12.4	1.571	2.323	19.1	20.2

518838 2010 CJ_{228} 12 20.6 345°.85 0°.2/20.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.59	+20 13.4	1.932	2.761	13.4	21.0
11 27	6 16.11	+21 13.9	1.851	2.757	10.0	20.8
12 7	6 8.21	+22 20.5	1.795	2.753	6.0	20.5
12 17	5 58.60	+23 29.7	1.767	2.749	1.6	20.2
12 27	5 48.37	+24 37.4	1.770	2.747	2.9	20.3
1 6	5 38.73	+25 40.5	1.801	2.744	7.2	20.6
1 16	5 30.80	+26 37.2	1.861	2.742	11.1	20.8
1 26	5 25.42	+27 27.4	1.944	2.740	14.4	21.0

299621 2006 JW_{31} 12 20.6 131°.58 2°.1/20.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 23.28	+17 13.1	2.212	3.027	12.4	22.1
11 27	6 16.71	+17 3.5	2.146	3.043	9.3	21.9
12 7	6 8.22	+16 57.7	2.106	3.057	5.7	21.7
12 17	5 58.53	+16 55.5	2.094	3.071	2.5	21.5
12 27	5 48.62	+16 57.0	2.112	3.085	3.3	21.6
1 6	5 39.48	+17 2.2	2.161	3.098	6.7	21.8
1 16	5 31.93	+17 11.1	2.238	3.110	9.9	22.1
1 26	5 26.57	+17 23.6	2.340	3.121	12.7	22.3

268793 2006 UJ_{40} 12 20.6 323°.88 2°.5/20.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 23.62	+27 30.1	1.254	2.106	17.8	20.6
11 27	6 18.83	+27 56.9	1.180	2.095	13.4	20.3
12 7	6 10.38	+28 21.0	1.126	2.085	8.4	20.0
12 17	5 59.26	+28 37.7	1.095	2.076	3.3	19.7
12 27	5 47.24	+28 43.4	1.091	2.067	4.6	19.8
1 6	5 36.32	+28 38.0	1.111	2.058	10.1	20.0
1 16	5 28.22	+28 24.6	1.155	2.051	15.2	20.3
1 26	5 24.04	+28 7.9	1.218	2.044	19.6	20.6

54371 2000 KC_{52} 12 20.6 291°.55 1°.0/20.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 23.10	+20 32.8	1.491	2.332	16.0	19.5
11 27	6 17.79	+20 38.5	1.410	2.321	12.0	19.2
12 7	6 9.47	+20 47.8	1.351	2.310	7.3	18.9
12 17	5 58.99	+20 59.2	1.318	2.300	2.2	18.6
12 27	5 47.76	+21 11.5	1.312	2.289	3.7	18.6
1 6	5 37.37	+21 24.1	1.333	2.279	8.9	18.9
1 16	5 29.21	+21 37.3	1.379	2.268	13.7	19.2
1 26	5 24.28	+21 52.1	1.446	2.258	17.7	19.4

364951 2008 GE_{57} 12 20.6 143°.85 0°.0/20.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 21.47	+23 5.7	2.435	3.254	11.3	22.1
11 27	6 15.39	+23 12.1	2.362	3.262	8.3	21.9
12 7	6 7.46	+23 18.3	2.314	3.270	5.0	21.7
12 17	5 58.37	+23 23.1	2.295	3.278	1.3	21.5
12 27	5 48.99	+23 26.0	2.308	3.285	2.4	21.6
1 6	5 40.27	+23 27.0	2.350	3.291	5.9	21.8
1 16	5 33.00	+23 26.9	2.422	3.297	9.1	22.0
1 26	5 27.79	+23 26.8	2.518	3.303	11.8	22.2

10979 Fristephenson 12 20.6 189°.12 2°.5/20.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 23.19	+16 34.0	1.834	2.658	14.2	19.3
11 27	6 17.19	+16 30.2	1.757	2.658	10.7	19.1
12 7	6 8.78	+16 32.0	1.704	2.657	6.7	18.9
12 17	5 58.77	+16 39.3	1.678	2.656	3.0	18.7
12 27	5 48.28	+16 51.9	1.682	2.655	3.9	18.7
1 6	5 38.56	+17 9.0	1.714	2.653	7.8	18.9
1 16	5 30.68	+17 30.2	1.773	2.651	11.7	19.2
1 26	5 25.39	+17 55.1	1.855	2.649	15.1	19.4

315630 2008 CU_{215} 12 20.6 37°.74 9°.5/21.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.16	+44 56.2	1.537	2.342	17.4	19.7
11 27	6 22.67	+46 2.1	1.491	2.358	14.4	19.5
12 7	6 12.42	+46 48.2	1.465	2.376	11.5	19.4
12 17	5 59.74	+47 6.1	1.462	2.394	9.7	19.4
12 27	5 46.70	+46 52.0	1.484	2.413	9.8	19.4
1 6	5 35.38	+46 8.9	1.531	2.432	11.7	19.6
1 16	5 27.29	+45 4.7	1.602	2.452	14.3	19.8
1 26	5 23.22	+43 49.0	1.693	2.473	16.9	20.0

446474 2014 KA_{4} 12 20.6 115°.88 4°.4/21.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.96	+ 8 15.3	2.240	3.036	12.9	21.1
11 27	6 16.41	+ 8 21.8	2.178	3.056	10.0	21.0
12 7	6 8.03	+ 8 39.4	2.141	3.075	7.0	20.8
12 17	5 58.52	+ 9 8.3	2.132	3.093	4.7	20.7
12 27	5 48.79	+ 9 47.8	2.154	3.111	5.0	20.7
1 6	5 39.79	+10 35.8	2.205	3.129	7.4	20.9
1 16	5 32.29	+11 29.9	2.285	3.145	10.2	21.1
1 26	5 26.87	+12 27.9	2.390	3.162	12.8	21.3

376555 2013 OB_{10} 12 20.6 95°.98 10°.3/22.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.97	−13 12.9	2.603	3.300	13.7	20.5
11 27	6 12.57	−13 59.2	2.552	3.315	12.3	20.4
12 7	6 5.68	−14 24.5	2.522	3.330	11.2	20.3
12 17	5 57.89	−14 25.5	2.515	3.345	10.4	20.3
12 27	5 49.94	−14 0.7	2.532	3.360	10.4	20.3
1 6	5 42.58	−13 11.7	2.573	3.374	11.1	20.4
1 16	5 36.44	−12 1.9	2.638	3.389	12.2	20.5
1 26	5 32.03	−10 36.2	2.724	3.403	13.4	20.6

515794 2015 LR_{27} 12 20.6 192°.38 2°.3/20.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 24.82	+17 54.2	1.917	2.738	13.8	22.6
11 27	6 18.30	+17 36.8	1.837	2.737	10.4	22.4
12 7	6 9.42	+17 22.5	1.781	2.735	6.5	22.1
12 17	5 58.95	+17 11.8	1.754	2.732	2.8	21.9
12 27	5 48.03	+17 5.0	1.756	2.729	3.7	22.0
1 6	5 37.89	+17 2.5	1.787	2.724	7.7	22.2
1 16	5 29.56	+17 4.9	1.845	2.720	11.5	22.4
1 26	5 23.80	+17 12.4	1.927	2.714	14.9	22.6

514923 2008 UB_{117} 12 20.6 149°.78 3°.4/20.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 27.32	+31 59.0	1.900	2.719	14.0	22.0
11 27	6 20.36	+32 24.6	1.830	2.725	10.6	21.8
12 7	6 10.71	+32 43.0	1.783	2.732	6.9	21.6
12 17	5 59.29	+32 50.4	1.764	2.738	3.7	21.4
12 27	5 47.46	+32 44.6	1.774	2.743	4.4	21.4
1 6	5 36.63	+32 26.5	1.813	2.748	7.8	21.6
1 16	5 27.98	+31 59.5	1.879	2.752	11.4	21.9
1 26	5 22.27	+31 28.2	1.968	2.756	14.5	22.1

380993 2006 SZ_{365} 12 20.6 87°.60 1°.4/20.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 28.18	+25 37.3	1.423	2.260	16.9	21.5
11 27	6 21.35	+25 59.7	1.369	2.278	12.5	21.3
12 7	6 11.39	+26 20.1	1.338	2.296	7.5	21.1
12 17	5 59.47	+26 34.7	1.332	2.313	2.4	20.8
12 27	5 47.22	+26 41.5	1.354	2.331	3.7	20.9
1 6	5 36.35	+26 40.9	1.404	2.348	8.7	21.3
1 16	5 28.14	+26 35.3	1.479	2.365	13.1	21.6
1 26	5 23.36	+26 28.1	1.575	2.381	16.8	21.9

421800 2014 QH_{30} 12 20.6 82°.05 4°.1/20.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.02	+10 4.7	2.156	2.965	12.9	21.0
11 27	6 14.37	+10 4.0	2.093	2.980	9.9	20.8
12 7	6 6.88	+10 13.3	2.055	2.995	6.8	20.7
12 17	5 58.23	+10 32.9	2.044	3.010	4.4	20.5
12 27	5 49.35	+11 2.5	2.063	3.025	4.7	20.6
1 6	5 41.16	+11 40.5	2.111	3.039	7.4	20.8
1 16	5 34.47	+12 25.0	2.187	3.054	10.3	21.0
1 26	5 29.85	+13 13.9	2.286	3.068	13.0	21.2

275623 2000 CW_{130} 12 20.6 187°.65 7°.7/21.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 24.92	+ 0 29.6	1.920	2.695	15.5	20.7
11 27	6 18.31	+ 0 29.3	1.842	2.695	12.8	20.5
12 7	6 9.41	+ 0 48.7	1.786	2.694	10.0	20.4
12 17	5 58.96	+ 1 29.8	1.757	2.693	8.0	20.2
12 27	5 48.02	+ 2 32.7	1.756	2.691	8.0	20.2
1 6	5 37.76	+ 3 54.1	1.784	2.688	10.1	20.4
1 16	5 29.19	+ 5 29.1	1.838	2.685	12.9	20.5
1 26	5 23.08	+ 7 12.0	1.917	2.681	15.7	20.7

410663 2008 SC_{157} 12 20.6 115°.98 5°.1/20.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.59	+ 5 56.8	2.731	3.519	11.1	21.8
11 27	6 12.93	+ 5 22.8	2.670	3.537	8.8	21.7
12 7	6 5.86	+ 4 58.3	2.634	3.554	6.6	21.6
12 17	5 57.95	+ 4 44.9	2.627	3.571	5.2	21.5
12 27	5 49.89	+ 4 43.7	2.649	3.588	5.5	21.5
1 6	5 42.39	+ 4 54.3	2.701	3.604	7.1	21.7
1 16	5 36.07	+ 5 15.5	2.780	3.620	9.3	21.8
1 26	5 31.38	+ 5 45.4	2.883	3.635	11.3	22.0

120395 2005 QQ_{110} 12 20.6 341°.75 4°.5/20.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 25.77	+32 59.6	1.356	2.196	17.4	19.2
11 27	6 20.23	+33 23.2	1.286	2.192	13.4	18.9
12 7	6 11.10	+33 37.2	1.236	2.188	8.9	18.7
12 17	5 59.47	+33 35.8	1.211	2.185	5.0	18.4
12 27	5 47.15	+33 16.1	1.212	2.182	5.7	18.5
1 6	5 36.14	+32 40.2	1.239	2.180	10.0	18.7
1 16	5 28.01	+31 53.5	1.290	2.178	14.5	19.0
1 26	5 23.72	+31 3.2	1.361	2.177	18.4	19.2

234582 2001 XS_{242} 12 20.6 17°.37 0°.3/20.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.44	+24 26.3	1.148	2.008	18.5	19.9
11 27	6 16.96	+24 20.8	1.093	2.013	13.7	19.6
12 7	6 9.05	+24 13.8	1.057	2.020	8.2	19.3
12 17	5 58.88	+24 3.5	1.045	2.028	2.2	19.0
12 27	5 48.27	+23 49.8	1.059	2.037	3.9	19.1
1 6	5 39.07	+23 33.9	1.097	2.047	9.6	19.5
1 16	5 32.71	+23 18.7	1.157	2.058	14.7	19.8
1 26	5 30.00	+23 6.7	1.238	2.071	18.9	20.1

356420 2010 UU_{106} 12 20.6 224°.06 2°.0/20.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 24.70	+30 15.0	2.152	2.970	12.6	20.7
11 27	6 18.18	+30 9.6	2.066	2.963	9.5	20.5
12 7	6 9.33	+29 57.8	2.004	2.956	6.0	20.2
12 17	5 58.94	+29 37.4	1.970	2.948	2.6	20.0
12 27	5 48.12	+29 7.8	1.966	2.940	3.3	20.0
1 6	5 38.10	+28 30.7	1.992	2.932	6.9	20.2
1 16	5 29.88	+27 49.3	2.047	2.923	10.5	20.5
1 26	5 24.20	+27 7.4	2.125	2.914	13.6	20.6

244233 2002 CU_{68} 12 20.6 341°.44 0°.7/20.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.80	+21 35.0	1.234	2.092	17.6	20.4
11 27	6 15.83	+21 40.1	1.161	2.081	13.2	20.1
12 7	6 8.53	+21 48.4	1.108	2.070	8.0	19.8
12 17	5 58.83	+21 58.2	1.079	2.061	2.3	19.4
12 27	5 48.32	+22 8.2	1.075	2.053	3.9	19.5
1 6	5 38.82	+22 17.9	1.096	2.046	9.7	19.8
1 16	5 31.89	+22 28.0	1.140	2.041	14.9	20.1
1 26	5 28.55	+22 39.4	1.204	2.036	19.3	20.3

409626 2005 WL_{44} 12 20.6 293°.13 2°.0/20.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.17	+27 37.0	2.023	2.850	13.0	21.7
11 27	6 16.51	+28 9.9	1.943	2.846	9.7	21.4
12 7	6 8.44	+28 40.7	1.888	2.842	6.0	21.2
12 17	5 58.74	+29 6.1	1.860	2.839	2.5	21.0
12 27	5 48.50	+29 23.8	1.861	2.835	3.4	21.0
1 6	5 38.98	+29 33.2	1.892	2.832	7.2	21.3
1 16	5 31.23	+29 35.5	1.949	2.828	10.8	21.5
1 26	5 26.05	+29 33.2	2.030	2.825	13.9	21.7

112509 2002 PV_{22} 12 20.6 17°.80 0°.3/20.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.99	+24 51.8	1.937	2.770	13.2	19.3
11 27	6 14.75	+24 45.6	1.866	2.774	9.8	19.1
12 7	6 7.29	+24 37.5	1.819	2.778	5.8	18.9
12 17	5 58.39	+24 26.4	1.800	2.782	1.6	18.6
12 27	5 49.17	+24 12.3	1.809	2.786	2.8	18.7
1 6	5 40.77	+23 56.0	1.847	2.791	6.9	19.0
1 16	5 34.15	+23 39.4	1.912	2.797	10.7	19.2
1 26	5 29.98	+23 24.3	1.999	2.802	13.8	19.4

482776 2013 GT_{131} 12 20.6 290°.60 4°.4/19.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 27.53	+29 44.1	1.801	2.624	14.5	20.5
11 27	6 21.10	+31 25.6	1.721	2.619	11.1	20.3
12 7	6 11.56	+33 7.2	1.666	2.614	7.4	20.0
12 17	5 59.66	+34 41.0	1.639	2.609	4.6	19.9
12 27	5 46.77	+35 59.6	1.642	2.605	5.6	19.9
1 6	5 34.51	+36 59.2	1.674	2.600	9.1	20.1
1 16	5 24.38	+37 40.0	1.733	2.596	12.8	20.3
1 26	5 17.48	+38 5.9	1.814	2.591	16.0	20.5

70963 1999 XT_{10} 12 20.6 324°.55 0°.7/20.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 22.76	+24 40.6	1.526	2.367	15.7	18.7
11 27	6 17.41	+23 56.4	1.445	2.357	11.7	18.5
12 7	6 9.15	+23 7.1	1.387	2.347	7.1	18.2
12 17	5 58.94	+22 13.0	1.355	2.338	2.0	17.8
12 27	5 48.20	+21 16.5	1.351	2.329	3.5	17.9
1 6	5 38.45	+20 21.3	1.375	2.320	8.7	18.2
1 16	5 30.98	+19 31.5	1.423	2.312	13.3	18.5
1 26	5 26.62	+18 50.3	1.493	2.305	17.3	18.7

364518 2007 EJ_{148} 12 20.6 140°.83 3°.6/20.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.80	+ 9 48.4	2.945	3.741	10.2	22.5
11 27	6 13.06	+ 9 32.9	2.876	3.754	7.9	22.3
12 7	6 5.96	+ 9 24.3	2.832	3.766	5.5	22.2
12 17	5 58.01	+ 9 23.5	2.818	3.778	3.8	22.1
12 27	5 49.88	+ 9 30.8	2.834	3.789	4.1	22.1
1 6	5 42.26	+ 9 45.8	2.881	3.800	6.1	22.3
1 16	5 35.72	+10 7.8	2.957	3.810	8.4	22.4
1 26	5 30.74	+10 35.5	3.058	3.820	10.5	22.6

14444 1992 TG_{1} 12 20.6 118°.04 3°.8/20.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.69	+32 26.1	1.668	2.487	15.6	18.4
11 27	6 23.03	+32 52.6	1.608	2.504	11.8	18.2
12 7	6 12.34	+33 10.5	1.572	2.521	7.7	18.0
12 17	5 59.75	+33 14.9	1.563	2.536	4.2	17.9
12 27	5 46.86	+33 3.9	1.583	2.552	4.8	17.9
1 6	5 35.30	+32 39.1	1.631	2.566	8.5	18.2
1 16	5 26.33	+32 5.1	1.705	2.580	12.3	18.5
1 26	5 20.69	+31 27.5	1.802	2.593	15.6	18.7

435524 2008 KR_{8} 12 20.6 207°.54 1°.8/20.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 25.07	+18 53.0	1.824	2.648	14.3	22.8
11 27	6 18.69	+18 44.8	1.741	2.643	10.7	22.6
12 7	6 9.76	+18 39.8	1.683	2.638	6.6	22.3
12 17	5 59.10	+18 37.5	1.652	2.632	2.5	22.1
12 27	5 47.90	+18 37.9	1.650	2.625	3.6	22.1
1 6	5 37.47	+18 41.0	1.678	2.618	7.9	22.4
1 16	5 28.94	+18 47.3	1.732	2.610	12.0	22.6
1 26	5 23.13	+18 57.3	1.810	2.602	15.5	22.8

61043 2000 KJ_{61} 12 20.6 90°.76 0°.9/20.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 27.47	+19 33.8	1.700	2.524	15.1	19.4
11 27	6 20.23	+19 54.9	1.650	2.552	11.2	19.2
12 7	6 10.49	+20 19.6	1.623	2.579	6.7	19.0
12 17	5 59.24	+20 45.8	1.625	2.606	2.0	18.8
12 27	5 47.81	+21 11.4	1.655	2.632	3.2	18.9
1 6	5 37.52	+21 35.6	1.716	2.658	7.6	19.2
1 16	5 29.42	+21 58.3	1.803	2.682	11.5	19.5
1 26	5 24.16	+22 20.2	1.913	2.707	14.7	19.8

46534 1981 EU_{27} 12 20.6 182°.96 3°.2/20.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 25.38	+14 39.7	2.032	2.844	13.5	20.6
11 27	6 18.58	+14 22.8	1.953	2.845	10.2	20.4
12 7	6 9.54	+14 11.6	1.898	2.846	6.6	20.2
12 17	5 59.03	+14 6.8	1.872	2.845	3.6	20.0
12 27	5 48.10	+14 8.8	1.875	2.844	4.3	20.0
1 6	5 37.90	+14 17.6	1.909	2.841	7.7	20.2
1 16	5 29.41	+14 32.9	1.970	2.838	11.3	20.4
1 26	5 23.33	+14 53.8	2.055	2.834	14.3	20.6

84889 2003 NQ_{8} 12 20.6 45°.70 2°.4/20.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.26	+15 21.6	1.705	2.533	14.9	18.3
11 27	6 16.34	+15 44.6	1.660	2.563	11.1	18.1
12 7	6 8.15	+16 15.4	1.639	2.593	6.9	18.0
12 17	5 58.62	+16 52.5	1.645	2.623	3.0	17.8
12 27	5 48.94	+17 33.8	1.680	2.654	3.7	17.9
1 6	5 40.30	+18 17.1	1.743	2.685	7.5	18.2
1 16	5 33.61	+19 0.9	1.833	2.716	11.2	18.5
1 26	5 29.50	+19 44.0	1.946	2.747	14.2	18.7

210003 2006 JT_{42} 12 20.6 119°.95 0°.3/20.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 24.94	+23 38.8	2.067	2.888	13.0	21.1
11 27	6 18.19	+23 54.5	2.003	2.904	9.6	21.0
12 7	6 9.25	+24 9.9	1.964	2.920	5.7	20.7
12 17	5 58.94	+24 22.9	1.953	2.935	1.6	20.5
12 27	5 48.35	+24 32.4	1.974	2.950	2.7	20.6
1 6	5 38.63	+24 38.1	2.024	2.965	6.7	20.9
1 16	5 30.72	+24 41.3	2.101	2.979	10.2	21.1
1 26	5 25.26	+24 43.4	2.203	2.992	13.2	21.4

484829 2009 HQ_{3} 12 20.6 350°.35 6°.0/19.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 23.55	+32 23.7	1.375	2.218	17.0	20.5
11 27	6 18.85	+33 56.0	1.306	2.212	13.2	20.3
12 7	6 10.51	+35 24.5	1.258	2.206	9.1	20.0
12 17	5 59.44	+36 40.4	1.234	2.202	6.2	19.9
12 27	5 47.35	+37 35.5	1.237	2.198	7.2	19.9
1 6	5 36.26	+38 7.1	1.265	2.196	10.9	20.1
1 16	5 27.93	+38 17.6	1.316	2.194	15.0	20.3
1 26	5 23.53	+38 12.8	1.387	2.193	18.6	20.6

515145 2011 HK_{84} 12 20.6 226°.96 0°.4/20.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 25.00	+21 47.3	1.860	2.686	14.0	22.3
11 27	6 18.73	+21 56.5	1.773	2.677	10.4	22.0
12 7	6 9.87	+22 7.4	1.710	2.667	6.3	21.8
12 17	5 59.19	+22 18.2	1.675	2.657	1.8	21.5
12 27	5 47.87	+22 27.6	1.669	2.646	3.1	21.5
1 6	5 37.26	+22 35.4	1.693	2.635	7.6	21.8
1 16	5 28.54	+22 42.1	1.743	2.623	11.8	22.0
1 26	5 22.55	+22 49.2	1.816	2.611	15.3	22.2

55721 1978 UX_4 12 20.6 177°.33 4°.2/20.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 27.88	+33 39.2	1.812	2.630	14.6	19.2
11 27	6 21.06	+34 11.9	1.738	2.631	11.2	19.0
12 7	6 11.30	+34 36.4	1.687	2.632	7.5	18.8
12 17	5 59.56	+34 47.6	1.663	2.633	4.6	18.6
12 27	5 47.28	+34 42.8	1.668	2.633	5.1	18.6
1 6	5 36.02	+34 22.8	1.701	2.633	8.5	18.8
1 16	5 27.08	+33 51.4	1.760	2.632	12.1	19.1
1 26	5 21.31	+33 14.2	1.842	2.631	15.4	19.3

128302 2004 AR_9 12 20.6 208°.99 2°.2/20.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 24.75	+17 58.2	1.637	2.467	15.4	20.8
11 27	6 18.68	+17 52.8	1.560	2.464	11.6	20.5
12 7	6 9.87	+17 52.3	1.505	2.461	7.2	20.3
12 17	5 59.18	+17 56.2	1.477	2.457	2.9	20.0
12 27	5 47.92	+18 4.3	1.478	2.453	3.9	20.1
1 6	5 37.51	+18 16.1	1.507	2.448	8.5	20.3
1 16	5 29.18	+18 31.7	1.561	2.443	12.8	20.6
1 26	5 23.79	+18 51.0	1.638	2.438	16.5	20.8

522166 2016 AT_{254} 12 20.6 237°.10 1°.4/20.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.65	+17 30.0	2.470	3.287	11.2	21.6
11 27	6 14.17	+17 45.3	2.382	3.280	8.4	21.4
12 7	6 6.88	+18 5.1	2.320	3.273	5.2	21.2
12 17	5 58.35	+18 28.6	2.287	3.266	2.0	21.0
12 27	5 49.41	+18 54.8	2.284	3.259	2.7	21.0
1 6	5 40.94	+19 22.7	2.312	3.251	6.1	21.3
1 16	5 33.76	+19 51.7	2.368	3.244	9.3	21.4
1 26	5 28.51	+20 21.4	2.449	3.236	12.1	21.6

278602 2008 PG_6 12 20.6 94°.56 0°.7/20.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 26.90	+21 39.8	1.676	2.504	15.2	21.1
11 27	6 19.89	+21 39.8	1.622	2.527	11.2	20.9
12 7	6 10.33	+21 40.9	1.593	2.550	6.6	20.6
12 17	5 59.25	+21 41.7	1.590	2.572	1.9	20.4
12 27	5 47.98	+21 41.6	1.617	2.594	3.2	20.5
1 6	5 37.87	+21 40.9	1.672	2.615	7.7	20.9
1 16	5 29.98	+21 40.8	1.754	2.636	11.7	21.1
1 26	5 24.96	+21 42.5	1.859	2.656	15.0	21.4

217398 Tihany 12 20.6 102°.57 3°.9/20.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 26.54	+14 36.1	1.569	2.394	16.2	20.7
11 27	6 19.67	+14 8.2	1.515	2.414	12.2	20.5
12 7	6 10.23	+13 47.8	1.484	2.434	7.9	20.3
12 17	5 59.23	+13 36.2	1.479	2.453	4.3	20.2
12 27	5 48.03	+13 34.0	1.503	2.472	5.1	20.3
1 6	5 37.99	+13 41.1	1.555	2.490	8.9	20.5
1 16	5 30.18	+13 56.8	1.633	2.508	12.8	20.8
1 26	5 25.26	+14 19.6	1.732	2.525	16.1	21.1

50131 2000 AS_{125} 12 20.6 55°.28 0°.8/20.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 26.46	+26 0.5	1.270	2.117	17.9	18.5
11 27	6 20.31	+25 51.1	1.219	2.132	13.3	18.2
12 7	6 10.88	+25 37.8	1.188	2.148	7.9	18.0
12 17	5 59.42	+25 18.7	1.183	2.165	2.3	17.7
12 27	5 47.72	+24 54.0	1.204	2.181	3.7	17.8
1 6	5 37.54	+24 26.0	1.251	2.198	9.1	18.2
1 16	5 30.20	+23 58.3	1.323	2.216	13.8	18.5
1 26	5 26.41	+23 34.3	1.415	2.233	17.7	18.8

140369 2001 TO_{29} 12 20.6 148°.88 0°.4/20.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.07	+22 31.9	2.045	2.871	12.9	20.5
11 27	6 16.20	+22 27.9	1.970	2.874	9.5	20.3
12 7	6 8.16	+22 23.9	1.919	2.876	5.7	20.1
12 17	5 58.70	+22 19.1	1.897	2.879	1.6	19.8
12 27	5 48.88	+22 13.1	1.904	2.881	2.7	19.9
1 6	5 39.82	+22 6.5	1.941	2.883	6.8	20.1
1 16	5 32.47	+22 0.3	2.005	2.885	10.5	20.4
1 26	5 27.51	+21 55.9	2.092	2.887	13.6	20.6

197050 2003 UW_{142} 12 20.6 29°.00 0°.3/20.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.39	+23 53.0	1.884	2.718	13.5	19.9
11 27	6 15.03	+23 31.1	1.818	2.726	10.0	19.7
12 7	6 7.46	+23 7.4	1.775	2.734	5.9	19.5
12 17	5 58.50	+22 41.7	1.760	2.742	1.6	19.2
12 27	5 49.28	+22 14.8	1.774	2.752	2.8	19.3
1 6	5 40.95	+21 48.3	1.817	2.761	7.0	19.6
1 16	5 34.45	+21 24.0	1.886	2.771	10.8	19.9
1 26	5 30.42	+21 3.8	1.978	2.781	13.9	20.1

484163 2006 UP_{107} 12 20.6 12°.44 2°.2/20.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 19.85	+18 7.4	1.504	2.347	15.8	21.2
11 27	6 15.14	+18 1.3	1.439	2.350	11.8	21.0
12 7	6 7.76	+18 0.5	1.396	2.353	7.3	20.7
12 17	5 58.62	+18 4.9	1.378	2.358	2.9	20.5
12 27	5 49.03	+18 14.2	1.387	2.363	4.0	20.5
1 6	5 40.40	+18 27.9	1.423	2.368	8.5	20.8
1 16	5 33.88	+18 45.6	1.484	2.375	12.8	21.1
1 26	5 30.25	+19 6.9	1.566	2.382	16.4	21.3

14379 1989 UM_4 12 20.6 32°.00 7°.1/19.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.59	+10 5.0	1.459	2.290	16.8	16.0
11 27	6 15.46	+ 8 41.8	1.405	2.301	13.2	15.8
12 7	6 7.81	+ 7 29.3	1.373	2.312	9.6	15.6
12 17	5 58.60	+ 6 32.9	1.366	2.324	7.3	15.5
12 27	5 49.14	+ 5 56.7	1.385	2.336	8.0	15.6
1 6	5 40.75	+ 5 41.9	1.430	2.349	10.9	15.8
1 16	5 34.46	+ 5 47.0	1.498	2.363	14.3	16.1
1 26	5 30.96	+ 6 8.6	1.586	2.377	17.4	16.3

388211 2006 GZ_{32} 12 20.6 176°.88 2°.6/20.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.79	+15 29.7	2.316	3.127	12.1	22.0
11 27	6 16.44	+15 16.9	2.237	3.130	9.1	21.8
12 7	6 8.19	+15 8.7	2.183	3.132	5.8	21.6
12 17	5 58.70	+15 5.6	2.158	3.133	3.0	21.5
12 27	5 48.88	+15 7.6	2.164	3.134	3.6	21.5
1 6	5 39.68	+15 14.9	2.200	3.134	6.8	21.7
1 16	5 31.95	+15 27.1	2.265	3.133	10.0	21.9
1 26	5 26.30	+15 43.9	2.353	3.131	12.8	22.1

517979 2015 UP_3 12 20.6 80°.22 1°.4/20.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 23.78	+25 46.8	1.821	2.651	14.0	21.4
11 27	6 17.75	+26 17.0	1.755	2.661	10.4	21.2
12 7	6 9.20	+26 45.9	1.713	2.670	6.3	21.0
12 17	5 59.00	+27 10.5	1.698	2.679	2.2	20.7
12 27	5 48.39	+27 28.4	1.713	2.689	3.3	20.8
1 6	5 38.68	+27 39.2	1.756	2.698	7.4	21.1
1 16	5 30.98	+27 44.1	1.826	2.707	11.3	21.4
1 26	5 26.04	+27 45.6	1.918	2.717	14.5	21.6

457974 2009 VX_{95} 12 20.6 352°.35 5°.9/19.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.83	+10 35.4	1.894	2.714	14.0	20.7
11 27	6 13.83	+ 9 18.3	1.821	2.711	11.0	20.5
12 7	6 6.75	+ 8 8.2	1.772	2.708	8.0	20.3
12 17	5 58.33	+ 7 9.1	1.749	2.706	6.0	20.1
12 27	5 49.57	+ 6 24.7	1.755	2.705	6.7	20.2
1 6	5 41.53	+ 5 57.1	1.788	2.703	9.4	20.3
1 16	5 35.11	+ 5 46.3	1.846	2.703	12.4	20.5
1 26	5 30.98	+ 5 50.6	1.926	2.702	15.3	20.7

319507 2006 QO_{123} 12 20.6 103°.33 3°.6/20.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 26.79	+16 12.2	1.511	2.340	16.5	20.5
11 27	6 19.97	+15 38.3	1.456	2.358	12.4	20.3
12 7	6 10.47	+15 10.3	1.423	2.375	7.9	20.1
12 17	5 59.31	+14 49.3	1.417	2.392	4.0	19.9
12 27	5 47.94	+14 36.7	1.439	2.409	4.9	20.0
1 6	5 37.77	+14 33.1	1.488	2.425	9.0	20.3
1 16	5 29.92	+14 38.2	1.563	2.441	13.1	20.6
1 26	5 25.09	+14 51.3	1.660	2.456	16.5	20.8

264190 2010 FY_{93} 12 20.6 41°.85 2°.6/20.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.68	+15 11.3	2.310	3.131	11.8	20.7
11 27	6 12.68	+15 0.9	2.241	3.139	8.9	20.5
12 7	6 5.94	+14 55.8	2.196	3.146	5.7	20.4
12 17	5 58.10	+14 56.4	2.179	3.154	3.0	20.2
12 27	5 50.00	+15 2.8	2.192	3.162	3.5	20.2
1 6	5 42.53	+15 14.7	2.235	3.171	6.5	20.4
1 16	5 36.41	+15 31.6	2.304	3.179	9.5	20.7
1 26	5 32.22	+15 52.7	2.398	3.188	12.2	20.8

365533 2010 RE_{160} 12 20.6 41°.85 1°.0/20.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.67	+21 33.5	1.717	2.552	14.5	21.3
11 27	6 16.17	+21 20.8	1.651	2.560	10.7	21.1
12 7	6 8.24	+21 8.9	1.609	2.567	6.5	20.9
12 17	5 58.74	+20 57.5	1.593	2.575	2.0	20.6
12 27	5 48.92	+20 46.7	1.606	2.583	3.2	20.7
1 6	5 40.04	+20 37.3	1.648	2.592	7.6	21.0
1 16	5 33.14	+20 30.5	1.715	2.600	11.6	21.3
1 26	5 28.92	+20 27.2	1.804	2.609	15.0	21.5

44172 1998 KN_9 12 20.6 190°.92 5°.9/19.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.29	+10 3.6	1.943	2.754	14.1	18.2
11 27	6 16.33	+ 8 52.0	1.869	2.753	11.1	18.0
12 7	6 8.23	+ 7 47.8	1.818	2.752	8.0	17.9
12 17	5 58.75	+ 6 54.8	1.795	2.751	6.0	17.7
12 27	5 48.93	+ 6 16.3	1.801	2.750	6.7	17.8
1 6	5 39.84	+ 5 54.0	1.835	2.748	9.3	17.9
1 16	5 32.43	+ 5 47.9	1.895	2.746	12.4	18.1
1 26	5 27.36	+ 5 56.0	1.977	2.744	15.2	18.3

24050 1999 TZ_{25} 12 20.6 96°.35 4°.7/20.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 30.14	+32 56.9	1.478	2.305	16.8	19.1
11 27	6 23.09	+33 42.1	1.421	2.320	12.9	18.8
12 7	6 12.64	+34 18.5	1.386	2.334	8.5	18.6
12 17	5 59.97	+34 39.7	1.378	2.349	5.1	18.5
12 27	5 46.87	+34 42.2	1.396	2.363	5.7	18.5
1 6	5 35.19	+34 27.2	1.442	2.376	9.5	18.8
1 16	5 26.37	+33 59.5	1.512	2.390	13.4	19.1
1 26	5 21.22	+33 25.6	1.604	2.403	16.9	19.3

308121 2004 XB_{88} 12 20.6 48°.03 3°.9/20.4 18

11 17	6 28.82	+28 49.9	1.276	2.118	18.1	18.0
11 27	6 22.13	+30 3.4	1.240	2.149	13.5	17.8
12 7	6 12.01	+31 11.7	1.225	2.180	8.5	17.6
12 17	5 59.77	+32 7.0	1.236	2.212	4.4	17.5
12 27	5 47.31	+32 44.6	1.273	2.244	5.4	17.6
1 6	5 36.50	+33 4.2	1.337	2.276	9.6	17.9
1 16	5 28.72	+33 9.4	1.425	2.309	13.7	18.3
1 26	5 24.67	+33 5.7	1.534	2.341	17.1	18.6

351114 2003 UT_{393} 12 20.6 71°.02 1°.4/20.6 18

11 17	6 26.58	+26 25.6	1.623	2.454	15.4	21.2
11 27	6 19.82	+26 43.6	1.573	2.479	11.4	21.1
12 7	6 10.38	+26 58.5	1.547	2.504	6.8	20.9
12 17	5 59.31	+27 7.4	1.548	2.529	2.3	20.6
12 27	5 48.07	+27 8.9	1.577	2.554	3.4	20.8
1 6	5 38.09	+27 3.6	1.635	2.578	7.8	21.1
1 16	5 30.45	+26 54.1	1.719	2.602	11.7	21.4
1 26	5 25.81	+26 43.1	1.825	2.626	15.0	21.6

418418 2008 LW_{17} 12 20.6 91°.26 2°.9/21.1 17

11 17	6 25.10	+34 9.2	2.399	3.205	11.8	20.7
11 27	6 18.09	+34 1.1	2.337	3.225	9.0	20.6
12 7	6 9.09	+33 44.3	2.300	3.244	5.9	20.4
12 17	5 58.94	+33 16.9	2.292	3.263	3.3	20.3
12 27	5 48.72	+32 39.0	2.314	3.282	3.6	20.3
1 6	5 39.44	+31 52.9	2.367	3.301	6.3	20.6
1 16	5 31.95	+31 1.9	2.448	3.319	9.2	20.8
1 26	5 26.78	+30 10.1	2.555	3.337	11.7	21.0

32265 2000 PJ_1 12 20.6 152°.53 1°.4/20.6 18

11 17	6 23.50	+26 51.6	2.481	3.296	11.3	19.1
11 27	6 17.01	+27 20.1	2.407	3.304	8.4	18.9
12 7	6 8.57	+27 46.5	2.358	3.311	5.1	18.7
12 17	5 58.85	+28 8.5	2.339	3.318	1.9	18.5
12 27	5 48.79	+28 24.3	2.351	3.325	2.7	18.6
1 6	5 39.37	+28 33.6	2.393	3.331	6.0	18.8
1 16	5 31.46	+28 37.4	2.465	3.337	9.1	19.0
1 26	5 25.68	+28 37.6	2.561	3.342	11.8	19.2

98928 2001 CH_2 12 20.6 273°.19 0°.6/20.6 18

11 17	6 23.28	+24 20.1	1.771	2.603	14.3	19.7
11 27	6 17.65	+24 34.9	1.685	2.592	10.7	19.5
12 7	6 9.34	+24 49.4	1.624	2.582	6.5	19.2
12 17	5 59.13	+25 1.4	1.589	2.571	1.9	18.9
12 27	5 48.26	+25 9.2	1.583	2.560	3.2	19.0
1 6	5 38.13	+25 12.5	1.605	2.549	7.8	19.2
1 16	5 29.97	+25 12.6	1.653	2.538	12.1	19.4
1 26	5 24.66	+25 11.4	1.724	2.527	15.7	19.7

149942 2005 SB_{233} 12 20.6 53°.80 0°.8/20.6 18

11 17	6 21.26	+21 29.2	1.898	2.729	13.5	20.5
11 27	6 15.71	+21 24.5	1.829	2.735	10.0	20.2
12 7	6 7.92	+21 20.9	1.784	2.742	6.0	20.0
12 17	5 58.69	+21 17.7	1.767	2.748	1.8	19.8
12 27	5 49.12	+21 14.6	1.778	2.755	2.9	19.9
1 6	5 40.38	+21 12.0	1.819	2.762	7.1	20.1
1 16	5 33.43	+21 10.6	1.886	2.769	10.9	20.4
1 26	5 28.96	+21 11.6	1.976	2.776	14.1	20.6

228036 2008 GO_{59} 12 20.6 173°.57 0°.9/20.6 18

11 17	6 25.92	+20 44.9	1.825	2.649	14.3	21.8
11 27	6 19.30	+20 46.0	1.749	2.652	10.6	21.6
12 7	6 10.15	+20 49.0	1.698	2.654	6.4	21.4
12 17	5 59.31	+20 52.7	1.674	2.656	2.0	21.1
12 27	5 48.01	+20 56.5	1.681	2.657	3.2	21.2
1 6	5 37.58	+21 0.3	1.716	2.658	7.6	21.4
1 16	5 29.11	+21 4.8	1.778	2.657	11.6	21.7
1 26	5 23.38	+21 11.2	1.864	2.657	15.1	21.9

339188 2004 TM_{166} 12 20.6 51°.94 2°.8/20.6 18

11 17	6 23.60	+17 51.1	1.378	2.220	17.0	21.2
11 27	6 17.89	+17 27.0	1.326	2.236	12.7	21.0
12 7	6 9.35	+17 8.1	1.296	2.253	7.9	20.8
12 17	5 59.07	+16 55.1	1.291	2.270	3.4	20.6
12 27	5 48.55	+16 48.6	1.313	2.287	4.5	20.7
1 6	5 39.27	+16 49.0	1.362	2.305	9.0	21.0
1 16	5 32.39	+16 56.2	1.435	2.323	13.3	21.3
1 26	5 28.62	+17 9.7	1.529	2.341	16.9	21.6

247350 2001 VP_{49} 12 20.6 56°.91 3°.6/20.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 25.83	+32 57.4	1.698	2.524	15.1	19.7
11 27	6 19.35	+33 10.0	1.643	2.543	11.4	19.5
12 7	6 10.14	+33 13.3	1.612	2.562	7.4	19.3
12 17	5 59.27	+33 4.0	1.607	2.581	4.1	19.2
12 27	5 48.21	+32 41.0	1.631	2.600	4.6	19.2
1 6	5 38.40	+32 6.7	1.682	2.620	8.1	19.5
1 16	5 30.98	+31 25.4	1.759	2.639	11.7	19.7
1 26	5 26.59	+30 42.1	1.859	2.659	14.8	20.0

376819 2001 BE_3 12 20.6 328°.18 5°.7/20.7 18

11 17	6 23.46	+33 17.7	1.124	1.979	19.2	20.1
11 27	6 19.43	+33 57.0	1.049	1.962	15.0	19.8
12 7	6 11.19	+34 27.1	0.993	1.947	10.2	19.5
12 17	5 59.76	+34 40.1	0.959	1.933	6.2	19.2
12 27	5 47.16	+34 30.5	0.949	1.919	7.0	19.2
1 6	5 35.82	+33 59.0	0.963	1.907	11.7	19.4
1 16	5 27.78	+33 11.8	0.998	1.895	16.8	19.7
1 26	5 24.27	+32 17.6	1.051	1.885	21.4	19.9

102247 1999 TY_{26} 12 20.6 38°.76 2°.7/20.5 18

11 17	6 23.79	+18 56.3	1.233	2.082	18.2	19.5
11 27	6 18.43	+18 26.0	1.176	2.090	13.6	19.2
12 7	6 9.88	+17 59.7	1.139	2.098	8.4	19.0
12 17	5 59.26	+17 38.2	1.127	2.107	3.5	18.7
12 27	5 48.23	+17 22.9	1.141	2.116	4.7	18.8
1 6	5 38.52	+17 14.9	1.180	2.126	9.8	19.1
1 16	5 31.46	+17 14.8	1.243	2.136	14.6	19.4
1 26	5 27.84	+17 22.4	1.326	2.146	18.6	19.7

14870 1990 SM_{14} 12 20.6 93°.94 2°.2/20.7 18

11 17	6 26.62	+17 39.9	1.643	2.469	15.5	17.6
11 27	6 19.70	+17 37.7	1.590	2.492	11.5	17.4
12 7	6 10.27	+17 40.5	1.561	2.515	7.1	17.2
12 17	5 59.31	+17 47.7	1.559	2.538	2.8	17.0
12 27	5 48.16	+17 58.6	1.586	2.560	3.8	17.1
1 6	5 38.16	+18 12.6	1.642	2.582	8.0	17.4
1 16	5 30.33	+18 29.7	1.724	2.603	11.9	17.7
1 26	5 25.35	+18 49.5	1.828	2.624	15.2	17.9

324870 2007 TU_{218} 12 20.6 73°.20 2°.0/20.6 18

11 17	6 27.59	+20 3.9	1.225	2.070	18.6	21.3
11 27	6 21.10	+19 43.9	1.176	2.089	13.8	21.0
12 7	6 11.36	+19 27.1	1.149	2.107	8.3	20.8
12 17	5 59.63	+19 13.2	1.145	2.126	2.9	20.5
12 27	5 47.66	+19 2.7	1.169	2.145	4.3	20.7
1 6	5 37.22	+18 56.4	1.218	2.163	9.6	21.0
1 16	5 29.61	+18 55.4	1.291	2.182	14.3	21.4
1 26	5 25.55	+19 0.3	1.385	2.200	18.2	21.7

90166 2003 AR_6 12 20.6 276°.52 2°.3/20.7 18

11 17	6 23.56	+30 3.9	2.060	2.882	13.0	19.4
11 27	6 17.67	+30 11.3	1.963	2.863	9.8	19.2
12 7	6 9.28	+30 13.2	1.891	2.843	6.2	18.9
12 17	5 59.12	+30 6.7	1.846	2.824	2.8	18.7
12 27	5 48.34	+29 50.5	1.831	2.805	3.6	18.7
1 6	5 38.22	+29 25.3	1.845	2.785	7.3	18.9
1 16	5 29.89	+28 53.9	1.886	2.765	11.1	19.1
1 26	5 24.21	+28 20.1	1.951	2.745	14.5	19.3

210894 2001 SZ_{134} 12 20.6 65°.42 2°.0/20.6 17

11 17	6 21.75	+18 37.5	1.804	2.635	14.1	21.2
11 27	6 16.10	+18 23.2	1.740	2.645	10.5	21.0
12 7	6 8.16	+18 12.4	1.699	2.655	6.5	20.8
12 17	5 58.77	+18 5.0	1.686	2.666	2.6	20.5
12 27	5 49.09	+18 1.3	1.701	2.676	3.5	20.6
1 6	5 40.29	+18 1.6	1.745	2.687	7.5	20.9
1 16	5 33.36	+18 6.1	1.815	2.697	11.3	21.1
1 26	5 28.96	+18 15.0	1.908	2.708	14.5	21.4

3346 Gerla 12 20.6 59°.99 9°.3/20.9 18

11 17	6 30.59	+51 43.3	2.357	3.105	13.7	15.9
11 27	6 23.31	+52 50.8	2.292	3.109	11.9	15.8
12 7	6 12.80	+53 40.8	2.250	3.113	10.3	15.7
12 17	6 0.08	+54 6.4	2.232	3.117	9.4	15.6
12 27	5 46.77	+54 3.6	2.240	3.121	9.5	15.6
1 6	5 34.61	+53 33.6	2.274	3.126	10.6	15.7
1 16	5 25.03	+52 41.1	2.331	3.130	12.2	15.8
1 26	5 18.92	+51 33.7	2.410	3.134	13.9	16.0

273796 2007 FM_{18} 12 20.6 161°.42 4°.5/20.7 18

11 17	6 23.65	+11 55.8	1.801	2.618	14.7	21.1
11 27	6 17.52	+11 32.3	1.730	2.622	11.4	20.9
12 7	6 9.05	+11 17.7	1.682	2.626	7.7	20.7
12 17	5 59.04	+11 13.6	1.661	2.629	4.8	20.5
12 27	5 48.63	+11 20.8	1.668	2.632	5.4	20.6
1 6	5 39.03	+11 38.7	1.704	2.634	8.7	20.8
1 16	5 31.27	+12 6.1	1.767	2.636	12.2	21.0
1 26	5 26.06	+12 41.0	1.851	2.638	15.4	21.2

257966 2001 CC_2 12 20.6 303.°09 6.°0/21.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 19.10	+ 5 37.4	2.016	2.819	13.9	19.7
11 27	6 14.16	+ 5 31.8	1.926	2.802	11.2	19.5
12 7	6 7.10	+ 5 40.5	1.859	2.786	8.4	19.2
12 17	5 58.55	+ 6 5.5	1.817	2.770	6.3	19.1
12 27	5 49.44	+ 6 47.3	1.804	2.755	6.5	19.1
1 6	5 40.82	+ 7 44.2	1.819	2.739	8.9	19.2
1 16	5 33.64	+ 8 53.0	1.860	2.724	12.0	19.3
1 26	5 28.68	+10 9.9	1.925	2.709	15.0	19.5

45481 2000 AK_{233} 12 20.6 44.°02 5.°5/21.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.50	+ 9 2.2	1.520	2.345	16.6	17.0
11 27	6 16.16	+ 9 1.2	1.465	2.359	12.9	16.9
12 7	6 8.30	+ 9 15.2	1.432	2.374	9.0	16.7
12 17	5 58.84	+ 9 45.1	1.423	2.389	5.9	16.5
12 27	5 49.06	+10 29.7	1.442	2.405	6.2	16.6
1 6	5 40.28	+11 26.1	1.487	2.421	9.4	16.8
1 16	5 33.55	+12 30.5	1.558	2.437	13.0	17.1
1 26	5 29.59	+13 38.9	1.651	2.454	16.3	17.3

50415 2000 DL_2 12 20.6 161.°79 0.°8/20.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 25.89	+20 50.8	1.976	2.796	13.5	20.1
11 27	6 19.10	+20 55.8	1.903	2.803	10.0	19.9
12 7	6 9.96	+21 2.6	1.853	2.809	6.0	19.7
12 17	5 59.30	+21 9.9	1.833	2.814	1.8	19.4
12 27	5 48.24	+21 16.7	1.842	2.819	2.9	19.5
1 6	5 38.00	+21 23.1	1.882	2.823	7.1	19.7
1 16	5 29.60	+21 29.5	1.949	2.826	10.9	20.0
1 26	5 23.75	+21 37.0	2.039	2.828	14.1	20.2

484336 2007 TH_{443} 12 20.6 28.°97 10.°7/22.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.36	+ 0 50.2	1.195	2.017	20.4	20.8
11 27	6 14.88	+ 0 4.8	1.157	2.036	16.8	20.7
12 7	6 7.61	− 0 13.8	1.137	2.056	13.4	20.5
12 17	5 58.65	− 0 1.1	1.139	2.078	11.0	20.5
12 27	5 49.48	+ 0 43.4	1.164	2.101	11.0	20.5
1 6	5 41.58	+ 1 54.8	1.212	2.125	13.1	20.7
1 16	5 36.04	+ 3 25.7	1.282	2.150	16.1	21.0
1 26	5 33.54	+ 5 7.5	1.372	2.176	19.0	21.2

410671 2008 SU_{301} 12 20.6 72.°06 5.°3/20.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.17	+ 7 37.9	2.268	3.072	12.5	21.3
11 27	6 13.05	+ 7 3.8	2.200	3.078	9.9	21.1
12 7	6 6.20	+ 6 39.7	2.156	3.085	7.3	20.9
12 17	5 58.26	+ 6 27.8	2.140	3.092	5.5	20.8
12 27	5 50.08	+ 6 29.0	2.152	3.099	5.8	20.9
1 6	5 42.50	+ 6 43.3	2.192	3.106	7.9	21.0
1 16	5 36.28	+ 7 9.0	2.259	3.114	10.5	21.2
1 26	5 31.98	+ 7 44.1	2.349	3.121	13.0	21.4

366193 2012 HT_{49} 12 20.6 148.°60 0.°6/20.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.95	+21 14.4	2.683	3.499	10.4	22.1
11 27	6 14.21	+21 16.1	2.607	3.506	7.7	22.0
12 7	6 6.85	+21 18.7	2.557	3.512	4.6	21.8
12 17	5 58.45	+21 21.5	2.537	3.518	1.4	21.5
12 27	5 49.79	+21 24.1	2.548	3.524	2.2	21.6
1 6	5 41.69	+21 26.7	2.589	3.530	5.5	21.8
1 16	5 34.85	+21 29.5	2.660	3.535	8.4	22.0
1 26	5 29.83	+21 33.3	2.755	3.539	10.9	22.2

6809 Sakuma 12 20.6 239.°29 3.°9/20.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 27.49	+32 16.6	1.710	2.534	15.1	17.4
11 27	6 21.08	+32 48.2	1.628	2.526	11.6	17.2
12 7	6 11.56	+33 12.8	1.568	2.517	7.7	16.9
12 17	5 59.82	+33 25.5	1.535	2.508	4.3	16.7
12 27	5 47.35	+33 22.8	1.531	2.499	5.0	16.7
1 6	5 35.82	+33 5.2	1.554	2.490	8.8	16.9
1 16	5 26.64	+32 36.4	1.603	2.480	12.8	17.2
1 26	5 20.77	+32 1.9	1.674	2.470	16.4	17.4

199766 2006 KJ_4 12 20.6 1.°64 0.°5/20.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.53	+21 47.1	2.269	3.095	11.8	20.7
11 27	6 14.23	+21 49.8	2.191	3.095	8.7	20.6
12 7	6 7.01	+21 53.4	2.138	3.094	5.2	20.3
12 17	5 58.51	+21 57.1	2.113	3.094	1.5	20.1
12 27	5 49.67	+22 0.3	2.118	3.095	2.5	20.2
1 6	5 41.45	+22 3.2	2.152	3.095	6.2	20.4
1 16	5 34.69	+22 6.1	2.214	3.095	9.6	20.6
1 26	5 30.03	+22 9.9	2.301	3.095	12.5	20.8

23700 1997 OZ 12 20.6 119.°50 0.°1/20.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.04	+23 25.2	2.571	3.389	10.8	19.9
11 27	6 15.05	+23 33.6	2.503	3.402	8.0	19.7
12 7	6 7.35	+23 41.7	2.460	3.416	4.7	19.5
12 17	5 58.58	+23 48.2	2.447	3.428	1.3	19.3
12 27	5 49.59	+23 52.6	2.464	3.441	2.2	19.4
1 6	5 41.22	+23 54.8	2.513	3.453	5.6	19.6
1 16	5 34.24	+23 55.5	2.589	3.465	8.6	19.9
1 26	5 29.18	+23 56.0	2.692	3.477	11.1	20.0

488120 2015 VR_{102} 12 20.6 103.°47 1.°4/20.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 23.33	+26 12.9	1.988	2.814	13.2	21.4
11 27	6 17.31	+26 37.3	1.918	2.821	9.8	21.2
12 7	6 8.95	+27 0.0	1.873	2.829	5.9	21.0
12 17	5 59.05	+27 18.2	1.855	2.836	2.1	20.7
12 27	5 48.77	+27 30.1	1.867	2.842	3.1	20.8
1 6	5 39.29	+27 35.6	1.908	2.849	7.0	21.1
1 16	5 31.65	+27 35.9	1.976	2.856	10.6	21.3
1 26	5 26.57	+27 33.3	2.067	2.862	13.7	21.5

493405 2014 WF_{192} 12 20.6 195.°46 7.°4/19.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.77	− 3 1.4	3.026	3.773	11.0	21.1
11 27	6 12.42	− 4 11.5	2.951	3.770	9.5	21.0
12 7	6 5.71	− 5 9.7	2.901	3.768	8.1	20.9
12 17	5 58.15	− 5 52.7	2.877	3.764	7.4	20.8
12 27	5 50.33	− 6 18.0	2.882	3.761	7.7	20.8
1 6	5 42.93	− 6 25.2	2.913	3.757	8.8	20.9
1 16	5 36.51	− 6 15.3	2.970	3.752	10.3	21.0
1 26	5 31.57	− 5 50.8	3.050	3.747	11.8	21.1

378074 2006 UK_{54} 12 20.6 82.°04 0.°3/20.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.80	+25 3.9	1.417	2.250	17.2	21.0
11 27	6 23.05	+24 52.9	1.372	2.279	12.6	20.8
12 7	6 12.33	+24 38.9	1.350	2.308	7.5	20.6
12 17	5 59.91	+24 20.4	1.355	2.337	2.0	20.3
12 27	5 47.47	+23 57.5	1.387	2.365	3.4	20.5
1 6	5 36.61	+23 32.5	1.448	2.392	8.4	20.9
1 16	5 28.50	+23 8.5	1.534	2.419	12.8	21.2
1 26	5 23.73	+22 48.2	1.642	2.445	16.3	21.5

267079 1999 TY_{265} 12 20.6 32.°78 24.°7/29.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 54.97	+66 6.2	0.877	1.636	30.7	19.4
11 27	6 49.68	+68 18.6	0.852	1.646	28.6	19.3
12 7	6 32.15	+69 41.4	0.836	1.657	26.8	19.2
12 17	6 5.54	+69 50.1	0.832	1.669	25.4	19.2
12 27	5 38.59	+68 31.8	0.842	1.683	24.7	19.2
1 6	5 19.55	+65 57.4	0.865	1.697	25.0	19.3
1 16	5 11.09	+62 33.0	0.903	1.713	26.0	19.4
1 26	5 11.98	+58 45.1	0.955	1.729	27.4	19.6

302095 2001 DO_{12} 12 20.6 280.°91 0.°0/20.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 23.60	+24 39.9	1.741	2.574	14.5	20.4
11 27	6 17.91	+24 21.2	1.654	2.561	10.8	20.1
12 7	6 9.52	+23 59.4	1.590	2.548	6.5	19.8
12 17	5 59.26	+23 33.6	1.552	2.534	1.8	19.5
12 27	5 48.41	+23 4.2	1.543	2.521	3.1	19.6
1 6	5 38.35	+22 33.0	1.563	2.507	7.9	19.8
1 16	5 30.31	+22 2.8	1.609	2.494	12.3	20.1
1 26	5 25.14	+21 36.4	1.677	2.481	16.0	20.3

150940 2001 TL_{100} 12 20.6 195.°74 3.°1/20.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 27.48	+31 13.6	1.803	2.625	14.5	19.7
11 27	6 20.77	+31 30.2	1.725	2.623	11.0	19.5
12 7	6 11.20	+31 39.9	1.671	2.621	7.1	19.2
12 17	5 59.71	+31 38.8	1.643	2.619	3.5	19.0
12 27	5 47.69	+31 25.0	1.645	2.616	4.2	19.0
1 6	5 36.65	+30 59.7	1.675	2.613	8.1	19.3
1 16	5 27.84	+30 26.5	1.732	2.610	12.0	19.5
1 26	5 22.10	+29 50.2	1.812	2.606	15.4	19.7

396479 2014 FG_{40} 12 20.6 327.°08 2.°7/20.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 24.75	+27 25.4	1.471	2.311	16.3	21.0
11 27	6 19.33	+28 12.8	1.396	2.306	12.2	20.8
12 7	6 10.65	+28 59.2	1.344	2.301	7.7	20.5
12 17	5 59.62	+29 39.2	1.318	2.297	3.3	20.2
12 27	5 47.80	+30 8.4	1.319	2.293	4.5	20.3
1 6	5 36.94	+30 25.2	1.346	2.289	9.2	20.6
1 16	5 28.55	+30 31.4	1.399	2.286	13.7	20.8
1 26	5 23.64	+30 30.8	1.472	2.282	17.5	21.1

58351 1995 DA_8 12 20.6 263.°24 5.°2/20.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.13	+11 0.2	1.676	2.498	15.4	19.7
11 27	6 16.73	+10 34.3	1.596	2.489	12.0	19.4
12 7	6 8.78	+10 18.7	1.538	2.481	8.4	19.2
12 17	5 59.08	+10 15.6	1.506	2.472	5.5	19.0
12 27	5 48.78	+10 26.2	1.501	2.464	6.1	19.0
1 6	5 39.20	+10 50.0	1.524	2.455	9.4	19.2
1 16	5 31.49	+11 25.2	1.572	2.446	13.3	19.4
1 26	5 26.49	+12 9.4	1.642	2.437	16.7	19.6

39773 1997 GR_{23} 12 20.6 136.°11 2.°1/20.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.81	+30 7.4	2.678	3.488	10.6	19.8
11 27	6 16.42	+30 30.7	2.607	3.500	8.0	19.7
12 7	6 8.22	+30 49.7	2.562	3.511	5.0	19.5
12 17	5 58.86	+31 2.2	2.546	3.522	2.5	19.3
12 27	5 49.22	+31 6.7	2.562	3.532	3.0	19.4
1 6	5 40.24	+31 3.6	2.608	3.542	5.8	19.6
1 16	5 32.70	+30 54.3	2.683	3.552	8.6	19.8
1 26	5 27.18	+30 41.1	2.783	3.561	11.0	20.0

195890 2002 RJ_{22} 12 20.6 144°.12 5°.7/21.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 26.72	+44 5.3	2.888	3.659	10.9	20.6
11 27	6 19.47	+44 40.3	2.819	3.669	8.9	20.5
12 7	6 10.10	+45 3.3	2.774	3.678	7.0	20.4
12 17	5 59.37	+45 10.6	2.756	3.686	5.8	20.3
12 27	5 48.36	+45 0.3	2.768	3.695	5.9	20.3
1 6	5 38.15	+44 33.3	2.809	3.702	7.3	20.4
1 16	5 29.67	+43 52.8	2.878	3.710	9.2	20.6
1 26	5 23.57	+43 3.5	2.970	3.717	11.1	20.7

277122 2005 GM_{80} 12 20.6 340°.94 6°.6/20.3 18

11 17	6 17.02	+ 5 20.0	2.111	2.913	13.4	20.1
11 27	6 12.42	+ 4 31.7	2.035	2.908	10.8	19.9
12 7	6 5.96	+ 3 55.0	1.982	2.903	8.4	19.8
12 17	5 58.27	+ 3 33.2	1.956	2.899	6.8	19.7
12 27	5 50.23	+ 3 28.4	1.957	2.895	7.1	19.7
1 6	5 42.76	+ 3 40.6	1.985	2.891	9.2	19.8
1 16	5 36.68	+ 4 8.3	2.039	2.888	11.8	20.0
1 26	5 32.62	+ 4 48.5	2.115	2.885	14.3	20.1

196602 2003 QQ_{70} 12 20.6 72°.64 0°.1/20.7 18

11 17	6 24.28	+21 43.5	1.627	2.462	15.2	20.2
11 27	6 18.32	+22 6.7	1.565	2.473	11.3	19.9
12 7	6 9.69	+22 32.4	1.526	2.484	6.7	19.7
12 17	5 59.30	+22 58.2	1.513	2.495	1.8	19.4
12 27	5 48.50	+23 21.7	1.529	2.506	3.1	19.5
1 6	5 38.70	+23 42.1	1.573	2.517	7.8	19.8
1 16	5 31.05	+23 59.8	1.642	2.529	12.0	20.1
1 26	5 26.33	+24 15.8	1.735	2.540	15.5	20.4

139445 2001 OE_{63} 12 20.6 95°.53 1°.8/20.7 18

11 17	6 24.02	+18 0.7	2.130	2.947	12.8	20.8
11 27	6 17.34	+17 56.9	2.076	2.973	9.5	20.7
12 7	6 8.73	+17 56.6	2.047	2.999	5.8	20.5
12 17	5 58.98	+17 59.3	2.046	3.025	2.3	20.3
12 27	5 49.10	+18 4.8	2.076	3.050	3.1	20.4
1 6	5 40.08	+18 12.9	2.136	3.075	6.6	20.7
1 16	5 32.74	+18 23.5	2.224	3.098	9.8	20.9
1 26	5 27.64	+18 36.7	2.336	3.122	12.6	21.2

286875 2002 OE_{24} 12 20.6 113°.42 6°.2/21.5 18

11 17	6 31.05	+41 24.2	1.989	2.782	14.4	20.2
11 27	6 23.20	+41 44.9	1.926	2.796	11.5	20.1
12 7	6 12.49	+41 50.6	1.886	2.809	8.6	19.9
12 17	6 0.02	+41 36.2	1.872	2.822	6.4	19.8
12 27	5 47.34	+41 0.1	1.887	2.834	6.6	19.8
1 6	5 35.98	+40 5.1	1.931	2.846	8.8	20.0
1 16	5 27.12	+38 57.1	2.001	2.858	11.6	20.2
1 26	5 21.45	+37 43.4	2.094	2.869	14.2	20.4

65682 1990 QU_{2} 12 20.6 77°.78 5°.7/20.9 18

11 17	6 28.17	+10 52.0	1.317	2.144	18.6	19.1
11 27	6 21.12	+10 26.3	1.277	2.173	14.2	18.9
12 7	6 11.22	+10 14.4	1.257	2.202	9.7	18.7
12 17	5 59.66	+10 17.8	1.263	2.230	6.1	18.6
12 27	5 48.03	+10 36.3	1.295	2.258	6.6	18.7
1 6	5 37.84	+11 8.0	1.354	2.286	10.2	19.0
1 16	5 30.21	+11 49.8	1.437	2.313	14.1	19.3
1 26	5 25.81	+12 38.3	1.541	2.340	17.4	19.6

294053 2007 TU_{153} 12 20.7 86°.81 0°.2/20.7 18

11 17	6 26.31	+24 10.5	1.797	2.623	14.4	21.6
11 27	6 19.40	+24 11.1	1.744	2.648	10.6	21.4
12 7	6 10.10	+24 10.2	1.715	2.672	6.3	21.2
12 17	5 59.38	+24 6.5	1.714	2.696	1.7	20.9
12 27	5 48.50	+23 59.2	1.742	2.719	2.9	21.1
1 6	5 38.73	+23 49.5	1.800	2.743	7.2	21.4
1 16	5 31.06	+23 38.9	1.884	2.765	11.0	21.7
1 26	5 26.12	+23 29.5	1.992	2.787	14.1	21.9

219484 2001 DX_{43} 12 20.7 344°.39 0°.3/20.7 17

11 17	6 20.41	+24 25.3	1.850	2.684	13.7	19.9
11 27	6 15.36	+24 26.2	1.772	2.680	10.2	19.6
12 7	6 7.90	+24 26.0	1.717	2.676	6.1	19.4
12 17	5 58.84	+24 23.3	1.690	2.672	1.7	19.1
12 27	5 49.31	+24 17.4	1.691	2.668	2.9	19.2
1 6	5 40.55	+24 8.9	1.720	2.665	7.3	19.4
1 16	5 33.62	+23 59.2	1.776	2.663	11.2	19.7
1 26	5 29.29	+23 50.2	1.854	2.661	14.6	19.9

248724 2006 QO_{21} 12 20.7 215°.20 1°.3/20.6 18

11 17	6 23.25	+20 1.5	2.361	3.176	11.7	21.5
11 27	6 16.95	+19 47.6	2.270	3.167	8.8	21.3
12 7	6 8.66	+19 34.7	2.204	3.158	5.4	21.1
12 17	5 59.03	+19 22.6	2.168	3.148	1.9	20.8
12 27	5 48.97	+19 11.6	2.162	3.137	2.8	20.9
1 6	5 39.49	+19 2.3	2.187	3.126	6.4	21.1
1 16	5 31.44	+18 55.5	2.241	3.113	9.9	21.3
1 26	5 25.53	+18 52.2	2.319	3.101	12.8	21.4

461562 2004 BY_{141} 12 20.7 8°.45 3°.4/20.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 17.93	+13 44.4	1.821	2.651	14.0	21.1
11 27	6 13.38	+13 43.3	1.751	2.653	10.7	20.9
12 7	6 6.66	+13 50.8	1.705	2.656	7.0	20.7
12 17	5 58.49	+14 7.3	1.685	2.659	3.8	20.5
12 27	5 49.93	+14 32.4	1.693	2.663	4.3	20.6
1 6	5 42.10	+15 4.6	1.728	2.668	7.8	20.8
1 16	5 35.93	+15 42.5	1.790	2.673	11.4	21.0
1 26	5 32.14	+16 24.2	1.875	2.679	14.6	21.2

161898 2007 DS_{44} 12 20.7 220°.66 4°.8/20.8 18

11 17	6 23.37	+11 23.2	1.665	2.486	15.6	20.5
11 27	6 17.64	+11 9.4	1.588	2.482	12.1	20.3
12 7	6 9.33	+11 6.4	1.534	2.479	8.2	20.1
12 17	5 59.25	+11 15.8	1.506	2.475	5.1	19.9
12 27	5 48.61	+11 37.7	1.506	2.470	5.7	19.9
1 6	5 38.74	+12 10.9	1.533	2.466	9.2	20.1
1 16	5 30.79	+12 53.5	1.586	2.461	13.1	20.3
1 26	5 25.60	+13 42.7	1.661	2.456	16.5	20.5

277244 2005 RZ_{23} 12 20.7 27°.89 21°.3/19.3 18

11 17	6 20.46	−12 22.9	1.047	1.827	25.4	18.3
11 27	6 15.94	−15 59.7	1.033	1.845	23.4	18.2
12 7	6 8.35	−18 50.1	1.034	1.865	22.0	18.2
12 17	5 58.93	−20 41.2	1.053	1.887	21.4	18.2
12 27	5 49.36	−21 27.4	1.088	1.910	21.6	18.3
1 6	5 41.26	−21 12.8	1.138	1.935	22.4	18.5
1 16	5 35.81	−20 8.0	1.202	1.960	23.5	18.7
1 26	5 33.67	−18 26.7	1.279	1.987	24.8	18.9

398156 2010 ES_{113} 12 20.7 286°.10 18°.0/18.4 18

11 17	6 42.54	+54 33.6	1.213	1.991	22.7	20.4
11 27	6 36.62	+57 16.6	1.155	1.982	20.5	20.2
12 7	6 23.34	+59 35.0	1.115	1.973	18.8	20.1
12 17	6 3.56	+61 7.6	1.093	1.964	18.0	20.0
12 27	5 40.87	+61 38.3	1.091	1.956	18.5	20.0
1 6	5 20.46	+61 5.8	1.107	1.947	20.1	20.1
1 16	5 6.45	+59 43.4	1.141	1.939	22.3	20.2
1 26	5 0.54	+57 50.9	1.189	1.930	24.7	20.3

2829 Bobhope 12 20.7 130°.08 4°.5/21.2 18 R

11 17	6 25.62	+39 27.0	2.692	3.482	11.1	16.4
11 27	6 18.60	+39 45.4	2.623	3.494	8.8	16.2
12 7	6 9.54	+39 53.4	2.579	3.506	6.4	16.1
12 17	5 59.24	+39 47.8	2.564	3.517	4.7	16.0
12 27	5 48.73	+39 27.6	2.578	3.527	4.9	16.0
1 6	5 39.05	+38 54.0	2.622	3.538	6.7	16.1
1 16	5 31.07	+38 10.3	2.694	3.548	9.1	16.3
1 26	5 25.40	+37 20.7	2.791	3.557	11.3	16.5

14279 2000 CD_{65} 12 20.7 68°.47 0°.6/20.7 18 R

11 17	6 21.79	+24 45.9	2.111	2.937	12.5	18.4
11 27	6 15.92	+24 54.5	2.050	2.954	9.2	18.2
12 7	6 8.01	+25 1.8	2.015	2.971	5.5	18.0
12 17	5 58.84	+25 6.3	2.007	2.989	1.6	17.8
12 27	5 49.43	+25 7.1	2.029	3.006	2.6	17.9
1 6	5 40.86	+25 4.6	2.081	3.024	6.4	18.2
1 16	5 33.98	+25 0.0	2.160	3.041	9.8	18.4
1 26	5 29.41	+24 54.9	2.263	3.058	12.7	18.7

392603 2011 SW_{234} 12 20.7 123°.33 1°.3/20.7 18

11 17	6 24.12	+19 7.8	2.022	2.843	13.2	22.0
11 27	6 17.68	+19 12.0	1.956	2.856	9.8	21.8
12 7	6 9.10	+19 19.3	1.915	2.870	6.0	21.6
12 17	5 59.15	+19 28.9	1.902	2.883	2.1	21.3
12 27	5 48.91	+19 40.0	1.919	2.895	3.0	21.4
1 6	5 39.50	+19 52.2	1.966	2.907	6.9	21.7
1 16	5 31.82	+20 5.6	2.041	2.919	10.4	21.9
1 26	5 26.54	+20 20.5	2.139	2.930	13.5	22.2

386013 2007 DY_{34} 12 20.7 262°.45 0°.9/20.7 18

11 17	6 24.35	+21 8.3	1.639	2.472	15.2	22.0
11 27	6 18.64	+21 6.6	1.553	2.460	11.4	21.7
12 7	6 10.09	+21 6.8	1.490	2.448	6.9	21.4
12 17	5 59.51	+21 7.9	1.453	2.435	2.1	21.1
12 27	5 48.21	+21 9.0	1.445	2.422	3.4	21.2
1 6	5 37.67	+21 10.3	1.464	2.409	8.4	21.4
1 16	5 29.20	+21 12.8	1.510	2.395	12.9	21.7
1 26	5 23.74	+21 17.7	1.577	2.382	16.8	21.9

314958 2006 WW_{165} 12 20.7 33°.53 1°.8/20.5 18

11 17	6 21.86	+20 49.2	1.596	2.436	15.2	20.9
11 27	6 16.46	+20 12.7	1.535	2.444	11.3	20.7
12 7	6 8.52	+19 36.8	1.496	2.454	6.9	20.4
12 17	5 59.01	+19 2.5	1.483	2.464	2.5	20.2
12 27	5 49.22	+18 31.4	1.499	2.474	3.7	20.3
1 6	5 40.47	+18 5.4	1.542	2.485	8.1	20.6
1 16	5 33.81	+17 46.0	1.610	2.497	12.2	20.9
1 26	5 29.94	+17 34.1	1.701	2.508	15.7	21.1

14541 1997 *SF* 12 20.7 29.°27 0.°1/20.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 20.46	+22 29.1	1.864	2.698	13.6	18.4
11 27	6 15.28	+22 52.5	1.798	2.706	10.1	18.2
12 7	6 7.81	+23 17.4	1.756	2.715	6.0	18.0
12 17	5 58.83	+23 41.9	1.742	2.724	1.6	17.7
12 27	5 49.47	+24 4.1	1.756	2.734	2.8	17.8
1 6	5 40.93	+24 23.2	1.799	2.744	7.0	18.1
1 16	5 34.19	+24 39.4	1.868	2.754	10.8	18.3
1 26	5 29.96	+24 53.8	1.961	2.765	14.0	18.6

121222 1999 RG_{14} 12 20.7 208.°46 21.°2/23.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 26.24	−20 5.9	1.265	1.973	25.2	19.6
11 27	6 20.41	−21 51.2	1.215	1.971	23.6	19.5
12 7	6 11.27	−22 54.5	1.178	1.969	22.2	19.4
12 17	5 59.84	−23 3.6	1.156	1.966	21.4	19.3
12 27	5 47.72	−22 11.9	1.150	1.963	21.3	19.3
1 6	5 36.70	−20 21.5	1.162	1.959	22.0	19.3
1 16	5 28.26	−17 42.4	1.191	1.955	23.4	19.4
1 26	5 23.37	−14 29.3	1.235	1.951	25.2	19.6

316310 2010 RX_{68} 12 20.7 62.°27 4.°3/20.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.72	+13 26.6	1.766	2.591	14.7	20.8
11 27	6 16.01	+12 44.8	1.711	2.608	11.2	20.6
12 7	6 8.12	+12 10.5	1.679	2.625	7.5	20.5
12 17	5 58.90	+11 45.6	1.673	2.643	4.6	20.3
12 27	5 49.48	+11 31.8	1.696	2.660	5.2	20.4
1 6	5 41.01	+11 29.2	1.747	2.678	8.4	20.6
1 16	5 34.38	+11 37.3	1.823	2.696	11.8	20.9
1 26	5 30.22	+11 54.5	1.922	2.713	14.7	21.1

522144 2016 AW_{248} 12 20.7 9.°07 4.°3/20.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.23	+10 50.2	2.132	2.947	12.8	21.1
11 27	6 13.31	+10 31.9	2.058	2.948	9.9	21.0
12 7	6 6.52	+10 22.4	2.008	2.949	6.9	20.8
12 17	5 58.49	+10 23.0	1.985	2.950	4.6	20.6
12 27	5 50.12	+10 34.2	1.990	2.951	5.0	20.7
1 6	5 42.37	+10 55.6	2.025	2.953	7.6	20.8
1 16	5 36.04	+11 25.7	2.085	2.955	10.6	21.0
1 26	5 31.76	+12 2.6	2.170	2.957	13.4	21.2

108956 2001 PN_{30} 12 20.7 131.°14 1.°1/20.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 24.63	+25 32.9	2.283	3.100	12.0	20.4
11 27	6 17.99	+26 0.0	2.215	3.114	8.9	20.2
12 7	6 9.27	+26 25.7	2.172	3.127	5.4	20.0
12 17	5 59.23	+26 47.7	2.159	3.139	1.8	19.8
12 27	5 48.87	+27 4.2	2.176	3.152	2.7	19.9
1 6	5 39.26	+27 14.8	2.224	3.163	6.3	20.1
1 16	5 31.28	+27 20.6	2.300	3.174	9.6	20.3
1 26	5 25.59	+27 23.3	2.400	3.185	12.3	20.6

446520 2014 LP_{2} 12 20.7 81.°45 0.°8/20.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 24.25	+24 4.3	1.766	2.597	14.4	20.9
11 27	6 18.21	+24 32.7	1.701	2.607	10.7	20.7
12 7	6 9.62	+25 1.5	1.660	2.617	6.4	20.5
12 17	5 59.35	+25 27.6	1.646	2.628	1.9	20.2
12 27	5 48.67	+25 48.8	1.661	2.638	3.1	20.3
1 6	5 38.91	+26 4.4	1.705	2.649	7.5	20.6
1 16	5 31.19	+26 15.3	1.775	2.659	11.4	20.9
1 26	5 26.26	+26 23.2	1.868	2.669	14.7	21.1

277106 Forgó 12 20.7 215.°85 0.°2/20.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.61	+23 36.6	2.697	3.515	10.3	21.5
11 27	6 14.12	+23 45.4	2.611	3.511	7.7	21.4
12 7	6 6.92	+23 53.9	2.551	3.506	4.6	21.2
12 17	5 58.60	+24 1.1	2.520	3.501	1.3	20.9
12 27	5 49.93	+24 6.2	2.519	3.496	2.2	21.0
1 6	5 41.76	+24 9.2	2.550	3.491	5.5	21.2
1 16	5 34.83	+24 10.5	2.609	3.486	8.5	21.4
1 26	5 29.72	+24 11.3	2.693	3.480	11.1	21.5

495764 2017 DN_{91} 12 20.7 239.°63 6.°1/20.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 27.17	+41 5.4	2.439	3.227	12.2	21.0
11 27	6 20.42	+42 2.0	2.351	3.216	9.9	20.8
12 7	6 11.05	+42 48.6	2.287	3.203	7.6	20.7
12 17	5 59.79	+43 19.6	2.250	3.191	6.2	20.6
12 27	5 47.83	+43 31.4	2.242	3.178	6.5	20.6
1 6	5 36.53	+43 23.6	2.263	3.165	8.4	20.7
1 16	5 27.08	+42 58.9	2.311	3.151	10.9	20.8
1 26	5 20.37	+42 22.6	2.381	3.137	13.3	20.9

421262 2013 SB_{65} 12 20.7 282.°49 3.°8/20.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.85	+34 53.2	2.297	3.109	12.1	21.0
11 27	6 16.98	+35 16.7	2.214	3.103	9.4	20.8
12 7	6 8.83	+35 32.5	2.155	3.097	6.4	20.6
12 17	5 59.15	+35 37.0	2.124	3.091	4.1	20.5
12 27	5 49.01	+35 28.5	2.122	3.085	4.5	20.5
1 6	5 39.59	+35 7.5	2.149	3.079	7.2	20.6
1 16	5 31.89	+34 36.7	2.203	3.072	10.2	20.8
1 26	5 26.66	+34 0.2	2.282	3.067	12.9	21.0

263189 2007 YW_{38} 12 20.7 99.°54 0.°9/20.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 30.39	+23 57.5	1.488	2.318	16.6	21.0
11 27	6 22.95	+24 28.6	1.436	2.341	12.3	20.8
12 7	6 12.48	+24 59.6	1.407	2.364	7.3	20.5
12 17	6 0.12	+25 26.6	1.404	2.386	2.1	20.3
12 27	5 47.46	+25 46.8	1.430	2.407	3.5	20.4
1 6	5 36.15	+25 59.9	1.485	2.428	8.4	20.8
1 16	5 27.43	+26 7.5	1.565	2.448	12.7	21.1
1 26	5 22.06	+26 12.4	1.667	2.467	16.3	21.3

213415 2001 WJ_{87} 12 20.7 98.°14 3.°3/20.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 26.54	+32 6.0	2.125	2.938	12.9	20.7
11 27	6 19.57	+32 42.4	2.067	2.959	9.8	20.6
12 7	6 10.26	+33 12.2	2.034	2.980	6.4	20.4
12 17	5 59.50	+33 31.7	2.029	3.000	3.6	20.3
12 27	5 48.48	+33 38.8	2.054	3.020	4.2	20.3
1 6	5 38.40	+33 34.1	2.108	3.040	7.1	20.6
1 16	5 30.28	+33 20.1	2.190	3.059	10.2	20.8
1 26	5 24.76	+33 0.6	2.296	3.078	12.9	21.0

104269 2000 EC_{148} 12 20.7 314.°64 7.°2/20.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.60	+ 2 30.7	2.275	3.062	13.0	18.8
11 27	6 12.74	+ 1 41.5	2.200	3.059	10.7	18.6
12 7	6 6.14	+ 1 5.1	2.148	3.056	8.6	18.5
12 17	5 58.39	+ 0 44.7	2.123	3.053	7.3	18.4
12 27	5 50.33	+ 0 42.4	2.125	3.050	7.5	18.4
1 6	5 42.80	+ 0 58.2	2.154	3.047	9.2	18.5
1 16	5 36.57	+ 1 30.2	2.209	3.044	11.5	18.6
1 26	5 32.23	+ 2 15.3	2.286	3.041	13.8	18.8

129919 1999 TJ_{116} 12 20.7 107.°15 2.°2/20.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 24.77	+17 48.7	1.928	2.748	13.8	20.9
11 27	6 18.15	+17 34.6	1.869	2.768	10.3	20.7
12 7	6 9.36	+17 24.3	1.834	2.787	6.3	20.5
12 17	5 59.25	+17 17.7	1.827	2.806	2.7	20.3
12 27	5 48.94	+17 15.1	1.850	2.824	3.5	20.4
1 6	5 39.56	+17 16.6	1.903	2.841	7.2	20.7
1 16	5 32.01	+17 22.3	1.983	2.859	10.8	20.9
1 26	5 26.92	+17 32.3	2.086	2.875	13.8	21.2

116375 2003 YU_{111} 12 20.7 36.°44 2.°3/20.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.69	+29 48.1	2.007	2.833	13.1	19.2
11 27	6 16.15	+30 4.0	1.939	2.841	9.8	19.0
12 7	6 8.30	+30 14.8	1.896	2.849	6.2	18.8
12 17	5 58.99	+30 18.0	1.881	2.858	2.8	18.6
12 27	5 49.35	+30 12.2	1.894	2.867	3.5	18.7
1 6	5 40.57	+29 58.4	1.936	2.876	7.0	18.9
1 16	5 33.63	+29 38.6	2.005	2.886	10.4	19.2
1 26	5 29.21	+29 16.2	2.097	2.895	13.4	19.4

92035 1999 VD_{180} 12 20.7 34.°52 6.°7/20.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.41	+ 8 16.8	1.605	2.428	16.0	20.0
11 27	6 14.45	+ 7 23.0	1.556	2.446	12.6	19.8
12 7	6 7.25	+ 6 42.4	1.529	2.464	9.2	19.7
12 17	5 58.69	+ 6 18.4	1.527	2.483	6.9	19.6
12 27	5 49.94	+ 6 12.8	1.552	2.503	7.3	19.7
1 6	5 42.15	+ 6 25.2	1.603	2.523	9.9	19.9
1 16	5 36.26	+ 6 53.0	1.678	2.544	13.0	20.1
1 26	5 32.88	+ 7 32.6	1.775	2.565	15.8	20.4

77319 2001 FJ_{87} 12 20.7 163.°96 2.°8/20.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.68	+30 50.7	2.427	3.242	11.5	19.8
11 27	6 16.67	+31 28.6	2.349	3.243	8.7	19.6
12 7	6 8.58	+32 2.4	2.297	3.245	5.6	19.4
12 17	5 59.08	+32 28.8	2.273	3.247	3.1	19.3
12 27	5 49.16	+32 45.5	2.280	3.248	3.6	19.3
1 6	5 39.87	+32 52.3	2.317	3.249	6.5	19.5
1 16	5 32.13	+32 50.5	2.381	3.250	9.5	19.7
1 26	5 26.62	+32 42.7	2.469	3.251	12.1	19.9

238708 2005 GD_{15} 12 20.7 13.°08 0.°5/20.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.40	+21 59.6	1.938	2.772	13.2	20.1
11 27	6 14.44	+21 58.9	1.867	2.775	9.8	19.9
12 7	6 7.30	+21 59.1	1.820	2.778	5.9	19.7
12 17	5 58.73	+21 59.4	1.799	2.781	1.7	19.4
12 27	5 49.80	+21 59.4	1.808	2.785	2.8	19.5
1 6	5 41.62	+21 59.2	1.845	2.790	6.9	19.8
1 16	5 35.15	+21 59.5	1.909	2.795	10.6	20.0
1 26	5 31.05	+22 1.3	1.995	2.800	13.8	20.2

516266 2016 VZ_{9} 12 20.7 37.°22 6.°9/20.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 28.99	+36 15.9	1.507	2.331	16.8	21.0
11 27	6 22.79	+37 38.0	1.440	2.332	13.2	20.8
12 7	6 12.91	+38 51.1	1.396	2.334	9.6	20.6
12 17	6 0.36	+39 46.1	1.377	2.336	7.1	20.5
12 27	5 46.94	+40 16.4	1.385	2.338	7.7	20.5
1 6	5 34.68	+40 21.2	1.419	2.340	10.8	20.7
1 16	5 25.29	+40 5.0	1.476	2.342	14.4	20.9
1 26	5 19.82	+39 35.4	1.555	2.345	17.7	21.1

302621 2002 QT_{137} 12 20.7 84.°80 0.°8/20.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 23.60	+21 29.1	1.766	2.597	14.4	21.5
11 27	6 17.62	+21 26.0	1.702	2.608	10.7	21.3
12 7	6 9.21	+21 24.2	1.661	2.619	6.4	21.1
12 17	5 59.26	+21 22.7	1.648	2.629	1.9	20.8
12 27	5 48.98	+21 21.1	1.663	2.640	3.1	20.9
1 6	5 39.64	+21 19.6	1.707	2.651	7.4	21.2
1 16	5 32.27	+21 19.3	1.777	2.661	11.4	21.5
1 26	5 27.59	+21 21.1	1.870	2.671	14.7	21.7

492905 2014 QD_{432} 12 20.7 9.°91 4.°8/20.4 17

11 17	6 18.40	+11 6.3	2.027	2.845	13.3	20.7
11 27	6 13.51	+10 26.2	1.955	2.846	10.3	20.5
12 7	6 6.67	+ 9 54.1	1.907	2.847	7.2	20.3
12 17	5 58.56	+ 9 32.1	1.886	2.849	5.0	20.2
12 27	5 50.14	+ 9 22.1	1.893	2.851	5.5	20.2
1 6	5 42.38	+ 9 24.2	1.928	2.853	8.1	20.4
1 16	5 36.12	+ 9 37.7	1.989	2.856	11.2	20.6
1 26	5 32.00	+10 0.8	2.073	2.858	14.0	20.8

226203 2002 VQ_{10} 12 20.7 353.°88 1.°1/20.6 18

11 17	6 20.98	+23 48.5	1.096	1.959	18.9	19.4
11 27	6 17.00	+23 8.5	1.030	1.953	14.2	19.1
12 7	6 9.44	+22 24.8	0.985	1.948	8.6	18.8
12 17	5 59.40	+21 38.2	0.962	1.945	2.5	18.4
12 27	5 48.72	+20 51.1	0.964	1.942	4.3	18.5
1 6	5 39.37	+20 7.4	0.990	1.941	10.3	18.9
1 16	5 32.89	+19 31.3	1.038	1.942	15.7	19.2
1 26	5 30.23	+19 5.2	1.105	1.943	20.3	19.5

459893 2014 LE_{11} 12 20.7 149.°44 2.°7/20.9 18

11 17	6 22.34	+12 58.1	2.550	3.352	11.3	21.9
11 27	6 16.04	+13 12.7	2.475	3.362	8.6	21.7
12 7	6 8.04	+13 34.3	2.427	3.372	5.6	21.5
12 17	5 58.93	+14 2.5	2.408	3.380	3.0	21.4
12 27	5 49.53	+14 36.3	2.420	3.389	3.4	21.4
1 6	5 40.68	+15 14.4	2.464	3.396	6.2	21.6
1 16	5 33.14	+15 55.5	2.536	3.403	9.1	21.8
1 26	5 27.47	+16 38.4	2.634	3.410	11.6	22.0

367455 2008 UR_{173} 12 20.7 65.°18 3.°2/20.4 18

11 17	6 21.71	+15 22.1	2.160	2.977	12.6	20.4
11 27	6 15.57	+14 38.3	2.111	3.006	9.5	20.2
12 7	6 7.68	+13 59.2	2.088	3.035	6.1	20.1
12 17	5 58.80	+13 26.4	2.092	3.064	3.5	20.0
12 27	5 49.87	+13 1.3	2.127	3.093	4.1	20.1
1 6	5 41.79	+12 44.6	2.191	3.121	7.0	20.3
1 16	5 35.30	+12 36.6	2.282	3.150	9.9	20.5
1 26	5 30.88	+12 36.6	2.397	3.178	12.5	20.8

220578 2004 JG 12 20.7 23.°95 16.°7/16.7 18

11 17	6 22.19	− 0 55.5	1.055	1.876	22.6	18.8
11 27	6 17.28	− 4 35.2	1.022	1.888	19.7	18.6
12 7	6 9.24	− 7 47.2	1.009	1.900	17.5	18.5
12 17	5 59.28	−10 15.4	1.018	1.914	16.7	18.5
12 27	5 49.09	−11 49.0	1.047	1.930	17.5	18.6
1 6	5 40.33	−12 27.4	1.095	1.947	19.4	18.8
1 16	5 34.25	−12 17.3	1.160	1.965	21.6	19.0
1 26	5 31.55	−11 29.9	1.239	1.984	23.7	19.3

327671 2006 RF_{9} 12 20.7 110.°15 3.°7/20.8 18

11 17	6 27.32	+14 13.6	1.600	2.422	16.1	21.0
11 27	6 20.37	+14 1.2	1.544	2.441	12.1	20.8
12 7	6 10.84	+13 57.2	1.512	2.461	7.8	20.6
12 17	5 59.71	+14 1.9	1.505	2.479	4.2	20.4
12 27	5 48.33	+14 15.1	1.528	2.497	4.8	20.5
1 6	5 38.06	+14 36.0	1.579	2.515	8.7	20.8
1 16	5 29.98	+15 3.1	1.655	2.532	12.5	21.1
1 26	5 24.79	+15 35.2	1.755	2.548	15.9	21.3

78020 2002 JX_{64} 12 20.7 121.°95 3.°3/20.6 18

11 17	6 25.33	+16 29.6	1.452	2.286	16.7	19.3
11 27	6 19.34	+16 8.9	1.386	2.291	12.6	19.1
12 7	6 10.46	+15 54.4	1.342	2.296	8.0	18.8
12 17	5 59.66	+15 47.0	1.323	2.300	3.8	18.6
12 27	5 48.38	+15 47.0	1.332	2.305	4.8	18.6
1 6	5 38.16	+15 54.6	1.368	2.309	9.2	18.9
1 16	5 30.26	+16 9.4	1.429	2.313	13.6	19.2
1 26	5 25.49	+16 30.5	1.512	2.317	17.4	19.4

269318 2008 SJ_{171} 12 20.7 319.°34 1.°5/20.6 18

11 17	6 19.65	+19 46.0	2.143	2.969	12.3	20.4
11 27	6 14.47	+19 27.5	2.061	2.965	9.2	20.1
12 7	6 7.28	+19 10.5	2.005	2.960	5.6	19.9
12 17	5 58.76	+18 55.3	1.976	2.956	2.1	19.7
12 27	5 49.87	+18 42.3	1.977	2.952	3.0	19.7
1 6	5 41.62	+18 32.3	2.007	2.948	6.7	20.0
1 16	5 34.89	+18 26.0	2.064	2.944	10.2	20.2
1 26	5 30.33	+18 24.1	2.145	2.941	13.3	20.4

483066 2015 KC_{160} 12 20.7 141.°54 1.°3/20.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 25.72	+19 33.6	1.968	2.788	13.6	22.1
11 27	6 18.97	+19 32.7	1.900	2.799	10.1	21.9
12 7	6 9.95	+19 34.4	1.856	2.811	6.1	21.7
12 17	5 59.48	+19 38.0	1.841	2.821	2.1	21.4
12 27	5 48.69	+19 42.7	1.855	2.831	3.1	21.5
1 6	5 38.76	+19 48.7	1.900	2.840	7.1	21.8
1 16	5 30.65	+19 56.2	1.972	2.849	10.8	22.0
1 26	5 25.05	+20 5.9	2.067	2.856	13.9	22.3

83648 2001 SM_{349} 12 20.7 145.°76 1.°1/20.8 18

11 17	6 22.81	+18 40.2	2.282	3.098	12.0	20.2
11 27	6 16.63	+18 57.7	2.208	3.106	9.0	20.0
12 7	6 8.50	+19 19.0	2.160	3.114	5.4	19.8
12 17	5 59.09	+19 42.8	2.141	3.121	1.9	19.6
12 27	5 49.34	+20 7.8	2.152	3.128	2.7	19.6
1 6	5 40.22	+20 33.1	2.194	3.134	6.3	19.9
1 16	5 32.61	+20 58.2	2.264	3.140	9.6	20.1
1 26	5 27.13	+21 23.3	2.359	3.146	12.5	20.3

385797 2006 BV_{277} 12 20.7 290.°46 1.°1/20.7 17

11 17	6 21.21	+26 28.6	2.140	2.966	12.4	22.1
11 27	6 15.84	+26 38.1	2.049	2.953	9.3	21.8
12 7	6 8.23	+26 45.4	1.984	2.940	5.7	21.6
12 17	5 59.07	+26 48.5	1.946	2.927	1.9	21.3
12 27	5 49.38	+26 46.2	1.938	2.914	2.8	21.4
1 6	5 40.31	+26 38.8	1.958	2.901	6.7	21.6
1 16	5 32.84	+26 27.7	2.007	2.888	10.4	21.8
1 26	5 27.75	+26 15.2	2.079	2.876	13.6	22.0

404234 2013 EF_{5} 12 20.7 272.°57 0.°7/20.7 17

11 17	6 23.60	+26 1.5	1.891	2.720	13.7	21.2
11 27	6 17.84	+25 55.7	1.801	2.706	10.3	21.0
12 7	6 9.53	+25 46.6	1.735	2.692	6.2	20.7
12 17	5 59.44	+25 32.7	1.696	2.678	1.9	20.4
12 27	5 48.76	+25 13.4	1.686	2.663	3.0	20.5
1 6	5 38.80	+24 49.9	1.705	2.649	7.5	20.7
1 16	5 30.71	+24 24.6	1.751	2.634	11.6	20.9
1 26	5 25.33	+24 0.4	1.820	2.620	15.1	21.1

278965 2008 UZ_{101} 12 20.7 1.°08 3.°2/20.4 17

11 17	6 18.82	+15 20.0	2.147	2.969	12.5	21.0
11 27	6 13.77	+14 45.7	2.071	2.969	9.5	20.8
12 7	6 6.83	+14 15.7	2.019	2.969	6.2	20.6
12 17	5 58.65	+13 51.5	1.996	2.969	3.5	20.4
12 27	5 50.16	+13 34.4	2.001	2.969	4.1	20.4
1 6	5 42.31	+13 25.2	2.036	2.969	7.2	20.6
1 16	5 35.92	+13 24.0	2.097	2.970	10.4	20.8
1 26	5 31.62	+13 30.3	2.181	2.971	13.3	21.0

10451 1975 SE 12 20.7 92.°14 6.°4/20.8 18

11 17	6 27.95	+39 12.8	1.887	2.693	14.6	16.9
11 27	6 21.32	+40 5.7	1.820	2.699	11.6	16.8
12 7	6 11.69	+40 46.7	1.777	2.705	8.6	16.6
12 17	6 0.02	+41 9.6	1.759	2.711	6.6	16.5
12 27	5 47.83	+41 10.8	1.770	2.717	6.9	16.5
1 6	5 36.71	+40 51.1	1.808	2.723	9.3	16.7
1 16	5 28.00	+40 15.1	1.871	2.729	12.2	16.9
1 26	5 22.53	+39 29.1	1.956	2.735	15.0	17.1

81269 2000 FK_{48} 12 20.7 111.°29 1.°1/20.6 18

11 17	6 25.38	+25 4.2	2.227	3.044	12.3	19.4
11 27	6 18.56	+25 38.2	2.165	3.064	9.1	19.2
12 7	6 9.65	+26 11.2	2.129	3.083	5.5	19.0
12 17	5 59.41	+26 40.5	2.122	3.102	1.8	18.8
12 27	5 48.89	+27 4.2	2.145	3.121	2.7	18.9
1 6	5 39.17	+27 21.5	2.199	3.139	6.3	19.2
1 16	5 31.14	+27 33.4	2.282	3.156	9.6	19.4
1 26	5 25.46	+27 41.5	2.389	3.173	12.4	19.6

132994 2002 TP_{240} 12 20.7 26.°84 8.°9/19.8 17

11 17	6 17.93	− 1 21.5	2.193	2.967	13.9	19.5
11 27	6 13.01	− 2 39.6	2.129	2.969	11.8	19.3
12 7	6 6.32	− 3 42.4	2.087	2.972	10.0	19.2
12 17	5 58.51	− 4 25.4	2.071	2.975	9.0	19.2
12 27	5 50.42	− 4 45.6	2.081	2.978	9.3	19.2
1 6	5 42.93	− 4 42.6	2.117	2.982	10.7	19.3
1 16	5 36.79	− 4 18.4	2.177	2.985	12.6	19.4
1 26	5 32.60	− 3 36.9	2.257	2.989	14.6	19.6

301437 2009 DO_{74} 12 20.7 347.°56 1.°1/20.7 18

11 17	6 22.64	+25 24.6	1.518	2.360	15.7	20.7
11 27	6 17.57	+25 40.2	1.445	2.356	11.8	20.5
12 7	6 9.54	+25 54.6	1.394	2.353	7.1	20.2
12 17	5 59.47	+26 5.0	1.369	2.350	2.2	19.9
12 27	5 48.78	+26 9.6	1.371	2.348	3.5	20.0
1 6	5 39.04	+26 8.2	1.399	2.346	8.4	20.3
1 16	5 31.58	+26 2.8	1.453	2.345	12.9	20.5
1 26	5 27.29	+25 56.1	1.528	2.344	16.8	20.8

399023 2013 GB_{83} 12 20.7 159°.39 1°.8/20.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 21.58	+18 43.2	2.063	2.887	12.9	21.2
11 27	6 15.91	+18 29.4	1.987	2.889	9.6	21.0
12 7	6 8.15	+18 18.4	1.936	2.890	5.9	20.8
12 17	5 59.03	+18 10.2	1.912	2.892	2.4	20.6
12 27	5 49.55	+18 5.0	1.918	2.893	3.2	20.6
1 6	5 40.77	+18 3.3	1.954	2.894	6.9	20.9
1 16	5 33.60	+18 5.3	2.016	2.895	10.5	21.1
1 26	5 28.72	+18 11.3	2.103	2.896	13.6	21.3

136314 2004 BS_{51} 12 20.7 14°.98 1°.8/20.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.09	+19 16.9	1.290	2.143	17.3	19.4
11 27	6 15.78	+19 15.9	1.232	2.148	12.9	19.2
12 7	6 8.46	+19 20.1	1.194	2.154	7.9	18.9
12 17	5 59.15	+19 28.7	1.181	2.162	2.8	18.6
12 27	5 49.38	+19 41.0	1.193	2.170	3.9	18.7
1 6	5 40.73	+19 56.2	1.231	2.180	9.0	19.1
1 16	5 34.50	+20 14.1	1.293	2.191	13.7	19.3
1 26	5 31.50	+20 34.4	1.376	2.203	17.6	19.6

180603 2004 FY_{83} 12 20.7 217°.34 5°.1/20.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.82	+ 7 46.5	2.280	3.078	12.6	21.1
11 27	6 15.19	+ 7 28.1	2.195	3.072	10.0	20.9
12 7	6 7.69	+ 7 20.0	2.135	3.065	7.3	20.7
12 17	5 58.91	+ 7 24.0	2.102	3.058	5.3	20.6
12 27	5 49.72	+ 7 40.6	2.098	3.050	5.6	20.6
1 6	5 41.05	+ 8 9.3	2.124	3.042	7.9	20.7
1 16	5 33.73	+ 8 48.4	2.177	3.034	10.8	20.9
1 26	5 28.41	+ 9 35.5	2.253	3.025	13.5	21.0

438079 2004 RS_{279} 12 20.7 99°.07 0°.5/20.7 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 27.22	+22 20.9	1.775	2.599	14.6	22.8
11 27	6 20.15	+22 18.1	1.720	2.622	10.8	22.6
12 7	6 10.65	+22 15.4	1.689	2.645	6.4	22.4
12 17	5 59.69	+22 11.7	1.686	2.668	1.8	22.2
12 27	5 48.55	+22 6.5	1.712	2.689	3.0	22.3
1 6	5 38.51	+22 0.5	1.768	2.711	7.3	22.6
1 16	5 30.59	+21 55.0	1.851	2.731	11.2	22.9
1 26	5 25.42	+21 51.6	1.957	2.751	14.4	23.2

401088 2011 UD_{137} 12 20.7 324°.77 5°.8/20.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 26.53	+35 58.9	1.808	2.625	14.7	21.3
11 27	6 20.46	+37 4.4	1.734	2.623	11.5	21.1
12 7	6 11.31	+38 1.8	1.684	2.621	8.3	20.9
12 17	5 59.97	+38 44.3	1.660	2.620	5.9	20.8
12 27	5 47.91	+39 7.2	1.663	2.618	6.5	20.8
1 6	5 36.74	+39 9.8	1.694	2.616	9.3	21.0
1 16	5 27.88	+38 55.4	1.751	2.615	12.6	21.2
1 26	5 22.29	+38 29.8	1.829	2.614	15.6	21.4

459376 2012 JM_{42} 12 20.7 131°.24 1°.6/20.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.54	+17 35.4	2.510	3.327	11.1	22.1
11 27	6 14.07	+17 35.5	2.436	3.333	8.3	21.9
12 7	6 6.92	+17 39.2	2.387	3.339	5.1	21.7
12 17	5 58.68	+17 46.1	2.366	3.345	2.1	21.5
12 27	5 50.17	+17 55.9	2.376	3.350	2.8	21.6
1 6	5 42.21	+18 8.3	2.417	3.355	5.9	21.8
1 16	5 35.55	+18 23.1	2.485	3.360	8.9	22.0
1 26	5 30.74	+18 40.2	2.579	3.365	11.5	22.2

15046 1998 XY_{41} 12 20.7 22°.76 2°.3/20.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.85	+26 43.5	1.068	1.931	19.4	16.3
11 27	6 18.44	+27 11.1	1.019	1.940	14.5	16.0
12 7	6 10.29	+27 35.9	0.989	1.951	8.8	15.7
12 17	5 59.68	+27 53.2	0.982	1.963	3.2	15.4
12 27	5 48.57	+28 0.0	0.999	1.976	4.5	15.6
1 6	5 39.02	+27 56.9	1.040	1.990	10.1	15.9
1 16	5 32.57	+27 47.2	1.103	2.006	15.1	16.3
1 26	5 30.06	+27 34.9	1.186	2.022	19.3	16.6

202567 2006 EA_{41} 12 20.7 179°.46 1°.6/20.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.51	+18 11.9	2.682	3.497	10.5	21.9
11 27	6 13.98	+18 0.0	2.601	3.498	7.8	21.8
12 7	6 6.84	+17 50.4	2.546	3.498	4.9	21.6
12 17	5 58.66	+17 43.3	2.520	3.498	2.0	21.4
12 27	5 50.21	+17 38.9	2.525	3.498	2.7	21.4
1 6	5 42.27	+17 37.3	2.560	3.498	5.7	21.6
1 16	5 35.55	+17 38.9	2.625	3.497	8.6	21.8
1 26	5 30.59	+17 43.8	2.714	3.496	11.1	22.0

461357 2000 AF_{226} 12 20.7 335°.07 0°.0/20.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.90	+22 55.8	1.849	2.685	13.6	21.4
11 27	6 15.09	+23 5.9	1.767	2.676	10.2	21.1
12 7	6 7.88	+23 16.9	1.709	2.667	6.1	20.9
12 17	5 59.01	+23 27.4	1.678	2.660	1.7	20.6
12 27	5 49.59	+23 35.9	1.675	2.652	2.9	20.6
1 6	5 40.87	+23 42.4	1.700	2.645	7.3	20.9
1 16	5 33.92	+23 47.5	1.751	2.639	11.3	21.1
1 26	5 29.53	+23 52.3	1.826	2.633	14.7	21.3

15680 1981 EV_{7} 12 20.7 120°.80 0°.6/20.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 22.77	+22 32.8	1.982	2.809	13.2	18.9
11 27	6 16.87	+22 20.2	1.909	2.813	9.8	18.7
12 7	6 8.76	+22 7.3	1.861	2.817	5.9	18.5
12 17	5 59.21	+21 53.4	1.840	2.822	1.7	18.2
12 27	5 49.32	+21 38.8	1.849	2.826	2.8	18.3
1 6	5 40.24	+21 24.4	1.887	2.830	6.9	18.6
1 16	5 32.93	+21 11.4	1.952	2.834	10.6	18.8
1 26	5 28.05	+21 1.4	2.041	2.838	13.8	19.0

288686 2004 PL_{99} 12 20.7 64°.83 5°.8/20.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.74	+ 7 6.4	2.002	2.808	13.9	20.2
11 27	6 14.47	+ 6 41.7	1.938	2.818	11.0	20.1
12 7	6 7.25	+ 6 29.2	1.898	2.828	8.1	19.9
12 17	5 58.79	+ 6 30.9	1.884	2.838	6.0	19.8
12 27	5 50.05	+ 6 47.5	1.898	2.848	6.3	19.8
1 6	5 42.03	+ 7 17.8	1.940	2.859	8.6	20.0
1 16	5 35.55	+ 7 59.6	2.008	2.869	11.4	20.2
1 26	5 31.23	+ 8 49.8	2.100	2.880	14.0	20.4

191066 2002 CO_{143} 12 20.7 36°.27 0°.9/20.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 23.82	+22 10.3	1.167	2.022	18.6	19.6
11 27	6 18.59	+21 58.7	1.122	2.040	13.7	19.4
12 7	6 10.09	+21 48.3	1.097	2.058	8.2	19.1
12 17	5 59.58	+21 38.3	1.096	2.078	2.4	18.9
12 27	5 48.84	+21 28.6	1.120	2.098	3.8	19.0
1 6	5 39.60	+21 20.2	1.170	2.119	9.3	19.4
1 16	5 33.15	+21 14.8	1.243	2.141	14.1	19.7
1 26	5 30.20	+21 13.5	1.336	2.163	18.1	20.0

158719 2003 JL_{7} 12 20.7 168°.47 1°.1/20.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 25.00	+19 53.8	2.070	2.888	13.0	21.2
11 27	6 18.46	+19 55.7	1.993	2.893	9.7	21.0
12 7	6 9.70	+20 0.0	1.942	2.897	5.9	20.8
12 17	5 59.48	+20 5.7	1.919	2.900	1.9	20.6
12 27	5 48.88	+20 12.2	1.926	2.902	2.9	20.6
1 6	5 39.01	+20 19.3	1.964	2.904	6.9	20.9
1 16	5 30.84	+20 27.5	2.029	2.906	10.5	21.1
1 26	5 25.08	+20 37.3	2.118	2.906	13.7	21.3

516426 2003 SB_{435} 12 20.7 169°.02 1°.5/20.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 27.14	+29 12.5	2.131	2.945	12.8	21.2
11 27	6 20.01	+28 56.4	2.053	2.949	9.6	21.0
12 7	6 10.58	+28 33.9	2.000	2.953	5.9	20.8
12 17	5 59.71	+28 3.5	1.976	2.956	2.2	20.6
12 27	5 48.54	+27 25.5	1.982	2.958	2.9	20.6
1 6	5 38.28	+26 41.9	2.019	2.960	6.7	20.9
1 16	5 29.90	+25 56.1	2.084	2.961	10.3	21.1
1 26	5 24.07	+25 11.9	2.174	2.961	13.4	21.3

136688 1995 SA_{37} 12 20.7 143°.51 0°.0/20.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.19	+23 31.6	2.111	2.936	12.6	20.5
11 27	6 16.39	+23 32.0	2.035	2.938	9.3	20.3
12 7	6 8.47	+23 32.0	1.984	2.941	5.6	20.1
12 17	5 59.15	+23 30.2	1.961	2.943	1.5	19.8
12 27	5 49.47	+23 26.1	1.968	2.946	2.6	19.9
1 6	5 40.52	+23 20.3	2.005	2.948	6.6	20.2
1 16	5 33.22	+23 13.7	2.069	2.950	10.2	20.4
1 26	5 28.25	+23 7.9	2.157	2.952	13.2	20.6

175210 2005 GE_{28} 12 20.7 276°.22 0°.9/20.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 25.29	+22 9.5	1.410	2.251	16.8	20.2
11 27	6 19.73	+21 55.8	1.331	2.242	12.6	19.9
12 7	6 10.97	+21 42.3	1.274	2.233	7.7	19.6
12 17	5 59.92	+21 28.0	1.242	2.224	2.3	19.3
12 27	5 48.13	+21 13.1	1.237	2.214	3.7	19.3
1 6	5 37.31	+20 58.7	1.258	2.205	9.2	19.6
1 16	5 28.92	+20 46.8	1.305	2.195	14.2	19.9
1 26	5 23.95	+20 39.5	1.372	2.186	18.4	20.1

20532 Benbilby 12 20.7 27°.43 1°.8/20.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 23.98	+26 18.3	1.469	2.310	16.2	17.6
11 27	6 18.59	+26 45.5	1.404	2.315	12.1	17.4
12 7	6 10.15	+27 11.0	1.362	2.320	7.4	17.1
12 17	5 59.66	+27 31.0	1.345	2.326	2.6	16.9
12 27	5 48.63	+27 42.9	1.355	2.332	3.8	17.0
1 6	5 38.70	+27 46.5	1.392	2.338	8.6	17.3
1 16	5 31.18	+27 43.9	1.455	2.345	13.0	17.5
1 26	5 26.94	+27 38.2	1.538	2.352	16.7	17.8

439492 2013 YY_{147} 12 20.7 255°.65 0°.6/20.7 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 24.87	+21 13.0	1.660	2.492	15.1	21.4
11 27	6 19.09	+21 22.4	1.574	2.481	11.3	21.2
12 7	6 10.46	+21 34.5	1.511	2.469	6.9	20.9
12 17	5 59.78	+21 47.6	1.475	2.457	2.0	20.5
12 27	5 48.35	+22 0.3	1.467	2.444	3.3	20.6
1 6	5 37.66	+22 11.8	1.487	2.432	8.3	20.9
1 16	5 29.03	+22 22.8	1.533	2.419	12.8	21.1
1 26	5 23.39	+22 34.4	1.602	2.406	16.6	21.3

273233 2006 KC_1 12 20.7 220°.53 1°.7/20.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 19.33	+16 24.8	2.829	3.639	10.1	21.3
11 27	6 13.86	+16 31.9	2.738	3.631	7.6	21.1
12 7	6 6.81	+16 43.1	2.673	3.623	4.8	20.9
12 17	5 58.70	+16 58.2	2.637	3.615	2.1	20.7
12 27	5 50.23	+17 16.6	2.633	3.606	2.7	20.8
1 6	5 42.16	+17 37.8	2.659	3.596	5.5	21.0
1 16	5 35.19	+18 1.2	2.715	3.587	8.4	21.1
1 26	5 29.89	+18 26.6	2.796	3.577	10.9	21.3

165611 2001 FC_{84} 12 20.7 160°.95 0°.5/20.7 18

11 17	6 23.90	+21 53.8	2.067	2.889	12.9	21.2
11 27	6 17.67	+21 56.2	1.992	2.893	9.6	21.0
12 7	6 9.25	+21 59.4	1.941	2.897	5.8	20.8
12 17	5 59.38	+22 2.3	1.919	2.901	1.6	20.5
12 27	5 49.13	+22 4.1	1.927	2.904	2.7	20.6
1 6	5 39.64	+22 5.0	1.965	2.907	6.8	20.9
1 16	5 31.84	+22 5.8	2.030	2.909	10.4	21.1
1 26	5 26.45	+22 7.7	2.119	2.911	13.5	21.3

97235 1999 XO_{69} 12 20.7 248°.06 1°.3/20.6 18

11 17	6 24.84	+24 8.9	1.888	2.714	13.8	18.8
11 27	6 18.86	+24 57.5	1.804	2.707	10.3	18.6
12 7	6 10.24	+25 48.3	1.743	2.699	6.3	18.3
12 17	5 59.72	+26 37.4	1.711	2.692	2.1	18.1
12 27	5 48.48	+27 21.2	1.708	2.684	3.2	18.1
1 6	5 37.88	+27 57.5	1.734	2.676	7.6	18.4
1 16	5 29.12	+28 26.2	1.788	2.667	11.6	18.6
1 26	5 23.13	+28 48.9	1.864	2.659	15.0	18.8

44631 1999 RT_{87} 12 20.7 35°.60 3°.7/20.8 18

11 17	6 21.90	+14 55.8	1.394	2.234	17.0	18.3
11 27	6 16.81	+14 41.5	1.337	2.245	12.8	18.0
12 7	6 8.96	+14 36.2	1.303	2.256	8.3	17.8
12 17	5 59.32	+14 40.6	1.292	2.268	4.3	17.6
12 27	5 49.31	+14 54.6	1.309	2.281	5.0	17.7
1 6	5 40.39	+15 17.2	1.351	2.294	9.2	18.0
1 16	5 33.74	+15 46.8	1.419	2.307	13.4	18.3
1 26	5 30.10	+16 21.6	1.507	2.321	17.0	18.5

59560 1999 JG_{42} 12 20.7 86°.53 1°.9/20.6 18

11 17	6 22.13	+18 52.7	1.994	2.818	13.2	19.2
11 27	6 16.28	+18 34.2	1.929	2.831	9.8	19.0
12 7	6 8.35	+18 18.4	1.889	2.844	6.0	18.8
12 17	5 59.12	+18 5.4	1.877	2.856	2.4	18.6
12 27	5 49.64	+17 55.7	1.894	2.869	3.3	18.7
1 6	5 40.99	+17 49.8	1.941	2.881	7.0	19.0
1 16	5 34.04	+17 48.2	2.015	2.894	10.5	19.2
1 26	5 29.42	+17 51.1	2.112	2.906	13.5	19.4

422224 2014 RJ_{62} 12 20.7 60°.07 6°.5/20.4 18

11 17	6 21.54	+ 6 55.3	1.971	2.774	14.2	20.8
11 27	6 15.58	+ 5 48.8	1.928	2.803	11.2	20.7
12 7	6 7.78	+ 4 54.3	1.908	2.832	8.4	20.5
12 17	5 58.94	+ 4 15.1	1.916	2.862	6.7	20.5
12 27	5 50.03	+ 3 53.3	1.951	2.891	7.0	20.6
1 6	5 42.01	+ 3 48.9	2.014	2.920	9.1	20.8
1 16	5 35.64	+ 4 0.2	2.103	2.948	11.6	21.0
1 26	5 31.44	+ 4 24.2	2.214	2.977	13.9	21.2

333131 2011 WW_{87} 12 20.7 269°.96 2°.7/20.6 17

11 17	6 21.63	+17 14.3	1.906	2.732	13.7	21.1
11 27	6 16.21	+16 48.8	1.822	2.724	10.3	20.8
12 7	6 8.49	+16 26.7	1.762	2.715	6.6	20.6
12 17	5 59.21	+16 9.1	1.729	2.706	3.1	20.4
12 27	5 49.44	+15 56.8	1.725	2.697	4.0	20.4
1 6	5 40.35	+15 50.6	1.750	2.689	7.8	20.6
1 16	5 32.95	+15 50.9	1.801	2.680	11.6	20.8
1 26	5 28.00	+15 57.8	1.875	2.671	14.9	21.0

174073 2002 EA_{129} 12 20.7 245°.53 1°.6/20.7 18

11 17	6 25.68	+19 27.4	1.452	2.289	16.6	20.7
11 27	6 19.91	+19 26.3	1.374	2.283	12.5	20.4
12 7	6 11.04	+19 29.5	1.319	2.276	7.7	20.1
12 17	5 59.96	+19 36.0	1.288	2.269	2.7	19.8
12 27	5 48.15	+19 45.0	1.286	2.262	3.9	19.9
1 6	5 37.26	+19 56.0	1.310	2.255	9.1	20.2
1 16	5 28.70	+20 9.3	1.360	2.248	13.9	20.4
1 26	5 23.44	+20 25.6	1.430	2.240	18.0	20.7

412115 2013 GF_{20} 12 20.7 257°.07 2°.3/20.7 17

11 17	6 21.64	+17 15.4	2.007	2.831	13.2	21.8
11 27	6 16.15	+17 5.6	1.920	2.821	9.9	21.6
12 7	6 8.45	+16 59.9	1.858	2.811	6.3	21.4
12 17	5 59.21	+16 58.8	1.822	2.800	2.8	21.1
12 27	5 49.45	+17 2.1	1.817	2.790	3.6	21.2
1 6	5 40.31	+17 9.9	1.840	2.780	7.4	21.4
1 16	5 32.76	+17 22.1	1.890	2.769	11.1	21.6
1 26	5 27.57	+17 38.5	1.964	2.758	14.4	21.8

476593 2008 SD_{38} 12 20.7 53°.48 2°.5/20.8 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 28.66	+28 37.7	1.289	2.131	18.0	20.8
11 27	6 21.98	+28 57.2	1.249	2.159	13.4	20.6
12 7	6 12.02	+29 10.6	1.230	2.187	8.2	20.4
12 17	6 0.13	+29 13.8	1.236	2.216	3.3	20.2
12 27	5 48.14	+29 5.5	1.269	2.245	4.3	20.4
1 6	5 37.82	+28 47.6	1.329	2.274	9.0	20.7
1 16	5 30.42	+28 24.2	1.413	2.303	13.3	21.0
1 26	5 26.59	+27 59.8	1.518	2.332	16.9	21.3

278184 2007 DR_{98} 12 20.7 233°.85 0°.8/20.7 18 R

11 17	6 25.21	+21 6.4	1.789	2.616	14.4	21.6
11 27	6 19.13	+21 7.7	1.702	2.606	10.8	21.3
12 7	6 10.39	+21 10.9	1.640	2.596	6.6	21.0
12 17	5 59.78	+21 14.7	1.604	2.586	2.0	20.7
12 27	5 48.52	+21 18.4	1.598	2.575	3.2	20.8
1 6	5 37.98	+21 21.7	1.620	2.563	7.8	21.0
1 16	5 29.37	+21 25.7	1.669	2.552	12.1	21.3
1 26	5 23.56	+21 31.4	1.741	2.539	15.8	21.5

180840 2005 GM_{86} 12 20.7 180°.06 3°.9/20.6 18

11 17	6 25.53	+14 38.2	1.672	2.495	15.4	20.7
11 27	6 19.25	+14 11.1	1.598	2.496	11.8	20.5
12 7	6 10.37	+13 50.7	1.548	2.497	7.7	20.3
12 17	5 59.74	+13 38.3	1.524	2.497	4.3	20.1
12 27	5 48.63	+13 34.9	1.528	2.497	5.0	20.1
1 6	5 38.40	+13 40.8	1.561	2.496	8.8	20.4
1 16	5 30.18	+13 55.4	1.619	2.495	12.8	20.6
1 26	5 24.77	+14 17.6	1.700	2.493	16.3	20.8

332650 2008 UG_{203} 12 20.7 109°.65 1°.1/20.6 18

11 17	6 20.27	+21 2.3	2.421	3.241	11.3	20.4
11 27	6 14.67	+20 41.1	2.347	3.248	8.4	20.2
12 7	6 7.31	+20 20.2	2.299	3.254	5.1	20.0
12 17	5 58.85	+19 59.8	2.279	3.260	1.7	19.8
12 27	5 50.16	+19 40.4	2.290	3.266	2.6	19.8
1 6	5 42.10	+19 22.9	2.331	3.272	6.0	20.1
1 16	5 35.45	+19 8.4	2.401	3.278	9.1	20.3
1 26	5 30.75	+18 57.7	2.495	3.283	11.8	20.5

52287 1990 QP_4 12 20.7 113°.47 1°.5/20.8 18

11 17	6 28.32	+26 55.1	1.728	2.553	14.9	19.6
11 27	6 21.24	+27 7.8	1.668	2.570	11.1	19.3
12 7	6 11.48	+27 17.0	1.631	2.586	6.7	19.1
12 17	6 0.02	+27 19.8	1.621	2.602	2.3	18.9
12 27	5 48.26	+27 14.9	1.641	2.617	3.3	19.0
1 6	5 37.63	+27 3.2	1.689	2.631	7.7	19.3
1 16	5 29.26	+26 47.3	1.764	2.645	11.6	19.6
1 26	5 23.87	+26 30.5	1.862	2.659	14.9	19.8

96980 1999 TM_{198} 12 20.7 191°.17 6°.8/20.1 18

11 17	6 29.76	+39 16.8	1.951	2.753	14.4	19.4
11 27	6 22.89	+40 35.5	1.878	2.752	11.5	19.2
12 7	6 12.84	+41 44.3	1.827	2.751	8.7	19.0
12 17	6 0.49	+42 35.5	1.804	2.750	6.9	18.9
12 27	5 47.32	+43 3.8	1.808	2.749	7.4	18.9
1 6	5 35.03	+43 8.4	1.841	2.747	9.7	19.1
1 16	5 25.08	+42 52.8	1.898	2.745	12.6	19.2
1 26	5 18.49	+42 23.6	1.978	2.743	15.3	19.4

280826 2005 UH_{66} 12 20.7 14°.27 2°.9/20.5 18

11 17	6 25.33	+27 20.9	1.362	2.205	17.1	20.2
11 27	6 19.98	+28 14.0	1.296	2.207	12.9	19.9
12 7	6 11.23	+29 6.0	1.251	2.208	8.1	19.7
12 17	6 0.06	+29 51.0	1.232	2.211	3.6	19.4
12 27	5 48.15	+30 24.0	1.239	2.213	4.7	19.5
1 6	5 37.35	+30 43.6	1.273	2.217	9.5	19.8
1 16	5 29.21	+30 51.6	1.331	2.220	14.1	20.1
1 26	5 24.72	+30 52.0	1.409	2.224	17.9	20.3

189814 2002 NU_{22} 12 20.7 41°.54 0°.9/20.9 17

11 17	6 23.80	+28 32.0	1.938	2.764	13.5	19.1
11 27	6 17.59	+27 53.0	1.872	2.775	10.0	18.9
12 7	6 9.15	+27 7.3	1.831	2.787	6.1	18.7
12 17	5 59.37	+26 14.8	1.818	2.800	1.9	18.5
12 27	5 49.44	+25 17.3	1.835	2.812	2.8	18.6
1 6	5 40.54	+24 17.9	1.882	2.825	6.9	18.8
1 16	5 33.58	+23 20.4	1.955	2.839	10.5	19.1
1 26	5 29.15	+22 28.1	2.053	2.852	13.6	19.3

57812 2001 WH_{20} 12 20.7 265°.36 1°.0/20.7 18

11 17	6 25.22	+25 41.9	1.600	2.435	15.4	20.1
11 27	6 19.43	+25 47.7	1.521	2.429	11.6	19.8
12 7	6 10.68	+25 51.3	1.465	2.423	7.0	19.6
12 17	5 59.89	+25 50.2	1.435	2.417	2.2	19.3
12 27	5 48.45	+25 43.0	1.433	2.410	3.4	19.3
1 6	5 37.94	+25 30.4	1.459	2.404	8.3	19.6
1 16	5 29.67	+25 14.8	1.510	2.398	12.8	19.8
1 26	5 24.54	+24 59.2	1.584	2.392	16.6	20.1

317243 2002 CM_{234} 12 20.7 348°.53 1°.1/20.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 21.19	+20 10.5	1.966	2.795	13.2	21.7
11 27	6 15.83	+20 11.8	1.889	2.794	9.8	21.5
12 7	6 8.24	+20 15.6	1.837	2.793	6.0	21.2
12 17	5 59.17	+20 21.2	1.811	2.793	1.9	21.0
12 27	5 49.68	+20 28.0	1.815	2.792	2.9	21.0
1 6	5 40.88	+20 35.8	1.848	2.792	7.0	21.3
1 16	5 33.77	+20 44.8	1.908	2.791	10.8	21.5
1 26	5 29.05	+20 55.5	1.991	2.791	14.0	21.7

412873 2014 QV_{15} 12 20.7 206°.69 1°.1/20.6 18

11 17	6 22.87	+20 38.3	2.505	3.319	11.2	21.9
11 27	6 16.63	+20 19.6	2.416	3.313	8.3	21.7
12 7	6 8.55	+20 1.3	2.352	3.306	5.1	21.5
12 17	5 59.24	+19 43.2	2.318	3.299	1.8	21.2
12 27	5 49.57	+19 25.8	2.316	3.291	2.6	21.3
1 6	5 40.46	+19 9.9	2.344	3.282	6.1	21.5
1 16	5 32.72	+18 56.5	2.401	3.273	9.3	21.7
1 26	5 26.97	+18 46.7	2.482	3.263	12.1	21.9

420960 2013 PM_{10} 12 20.7 175°.45 3°.6/21.2 18

11 17	6 25.17	+37 35.1	2.960	3.750	10.2	21.5
11 27	6 18.19	+37 40.3	2.878	3.753	8.0	21.3
12 7	6 9.39	+37 36.6	2.822	3.754	5.6	21.2
12 17	5 59.44	+37 21.5	2.796	3.756	3.8	21.1
12 27	5 49.27	+36 54.2	2.800	3.757	4.0	21.1
1 6	5 39.80	+36 16.0	2.835	3.757	6.0	21.2
1 16	5 31.80	+35 29.7	2.899	3.757	8.4	21.4
1 26	5 25.87	+34 39.0	2.989	3.757	10.5	21.5

142206 2002 RD_{61} 12 20.7 12°.04 11°.6/21.6 18

11 17	6 16.29	+ 0 47.5	1.171	1.999	20.3	18.5
11 27	6 12.97	− 0 19.8	1.124	2.005	17.0	18.3
12 7	6 6.81	− 1 1.2	1.095	2.012	13.9	18.1
12 17	5 58.80	− 1 10.0	1.086	2.021	11.9	18.0
12 27	5 50.39	− 0 43.7	1.099	2.032	12.0	18.1
1 6	5 43.08	+ 0 14.9	1.135	2.045	14.1	18.2
1 16	5 38.05	+ 1 38.6	1.191	2.059	17.0	18.4
1 26	5 36.07	+ 3 18.5	1.266	2.075	20.0	18.7

490950 2011 CX_{105} 12 20.7 128°.88 3°.6/21.0 17

11 17	6 23.85	+35 10.3	2.453	3.260	11.6	22.2
11 27	6 17.53	+35 25.1	2.379	3.265	8.9	22.1
12 7	6 9.12	+35 31.6	2.331	3.271	6.1	21.9
12 17	5 59.39	+35 27.2	2.310	3.276	3.8	21.8
12 27	5 49.37	+35 10.6	2.319	3.282	4.2	21.8
1 6	5 40.12	+34 42.8	2.358	3.287	6.6	21.9
1 16	5 32.54	+34 6.8	2.424	3.292	9.4	22.1
1 26	5 27.28	+33 26.4	2.515	3.297	11.9	22.3

176115 2001 DT_{61} 12 20.7 170°.63 3°.3/20.9 18

11 17	6 29.63	+31 42.3	1.666	2.488	15.5	20.6
11 27	6 22.63	+31 58.2	1.593	2.491	11.8	20.4
12 7	6 12.54	+32 6.1	1.543	2.493	7.6	20.2
12 17	6 0.38	+32 1.8	1.520	2.495	3.9	20.0
12 27	5 47.71	+31 43.2	1.525	2.496	4.5	20.0
1 6	5 36.18	+31 12.1	1.559	2.497	8.5	20.2
1 16	5 27.12	+30 32.8	1.618	2.498	12.6	20.5
1 26	5 21.39	+29 50.9	1.700	2.497	16.1	20.7

21894 1999 VQ_{4} 12 20.7 340°.27 9°.5/20.8 18

11 17	6 20.22	+ 0 59.2	1.670	2.466	16.6	18.0
11 27	6 15.29	+ 0 0.7	1.602	2.464	13.9	17.8
12 7	6 8.00	− 0 39.6	1.554	2.461	11.3	17.6
12 17	5 59.14	− 0 56.5	1.531	2.459	9.7	17.5
12 27	5 49.81	− 0 47.1	1.533	2.457	9.9	17.5
1 6	5 41.22	− 0 12.3	1.560	2.456	11.9	17.6
1 16	5 34.42	+ 0 44.5	1.610	2.454	14.6	17.8
1 26	5 30.16	+ 1 57.4	1.681	2.453	17.3	18.0

334306 2001 VZ_{90} 12 20.7 34°.37 0°.9/20.9 18

11 17	6 24.74	+17 32.4	1.088	1.943	19.7	19.3
11 27	6 19.57	+18 36.0	1.045	1.962	14.6	19.1
12 7	6 10.90	+19 50.6	1.022	1.983	8.8	18.8
12 17	5 59.95	+21 10.5	1.022	2.004	2.6	18.5
12 27	5 48.57	+22 29.2	1.049	2.027	3.9	18.7
1 6	5 38.67	+23 41.4	1.101	2.051	9.7	19.1
1 16	5 31.71	+24 44.7	1.176	2.075	14.6	19.5
1 26	5 28.51	+25 39.2	1.271	2.100	18.7	19.8

364019 2005 VJ_{29} 12 20.7 214°.69 1°.0/20.7 17

11 17	6 22.55	+24 51.8	2.052	2.877	12.8	21.8
11 27	6 16.87	+25 18.3	1.974	2.877	9.6	21.6
12 7	6 8.91	+25 44.6	1.921	2.877	5.8	21.4
12 17	5 59.40	+26 8.1	1.895	2.876	1.8	21.1
12 27	5 49.41	+26 27.0	1.899	2.876	2.8	21.2
1 6	5 40.10	+26 40.5	1.933	2.876	6.8	21.4
1 16	5 32.49	+26 49.3	1.994	2.875	10.5	21.7
1 26	5 27.34	+26 55.2	2.078	2.875	13.6	21.9

226396 2003 QK_{14} 12 20.7 44°.04 1°.1/20.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 23.36	+27 43.7	1.786	2.617	14.2	19.8
11 27	6 17.42	+27 27.4	1.731	2.637	10.5	19.6
12 7	6 9.11	+27 6.2	1.700	2.657	6.4	19.4
12 17	5 59.40	+26 39.0	1.696	2.677	2.1	19.1
12 27	5 49.55	+26 6.3	1.721	2.698	3.0	19.2
1 6	5 40.79	+25 30.5	1.775	2.719	7.1	19.5
1 16	5 34.09	+24 54.5	1.855	2.741	10.9	19.8
1 26	5 30.05	+24 21.1	1.958	2.763	14.0	20.1

487513 2014 TM_{47} 12 20.7 122°.51 2°.7/20.6 18

11 17	6 20.34	+15 38.3	2.472	3.285	11.3	21.6
11 27	6 14.64	+15 11.9	2.402	3.295	8.5	21.5
12 7	6 7.29	+14 49.5	2.358	3.306	5.5	21.3
12 17	5 58.91	+14 31.8	2.342	3.316	2.9	21.2
12 27	5 50.32	+14 19.7	2.357	3.326	3.5	21.2
1 6	5 42.34	+14 13.5	2.402	3.335	6.3	21.4
1 16	5 35.70	+14 13.4	2.476	3.345	9.2	21.6
1 26	5 30.92	+14 19.1	2.573	3.354	11.7	21.8

464104 2014 WP_{411} 12 20.7 44°.71 2°.4/20.3 17

11 17	6 21.00	+19 8.0	2.173	2.996	12.3	20.8
11 27	6 15.31	+18 12.5	2.103	3.003	9.2	20.6
12 7	6 7.75	+17 17.6	2.058	3.011	5.8	20.4
12 17	5 59.04	+16 25.0	2.042	3.019	2.7	20.2
12 27	5 50.12	+15 37.0	2.056	3.027	3.6	20.3
1 6	5 41.97	+14 55.6	2.099	3.035	6.9	20.5
1 16	5 35.36	+14 22.5	2.170	3.043	10.1	20.8
1 26	5 30.87	+13 58.3	2.265	3.052	12.9	21.0

224115 2005 PN_{18} 12 20.7 71°.28 2°.8/20.6 18

11 17	6 30.61	+27 34.6	1.387	2.222	17.4	20.2
11 27	6 23.41	+28 25.1	1.343	2.249	12.9	20.0
12 7	6 12.96	+29 11.8	1.322	2.277	8.0	19.8
12 17	6 0.50	+29 48.9	1.326	2.304	3.4	19.6
12 27	5 47.78	+30 12.8	1.358	2.332	4.4	19.7
1 6	5 36.58	+30 23.4	1.417	2.359	8.9	20.0
1 16	5 28.20	+30 23.8	1.502	2.385	13.1	20.3
1 26	5 23.40	+30 18.5	1.608	2.412	16.6	20.6

268665 2006 EC_{58} 12 20.7 133°.71 4°.7/20.6 18

11 17	6 18.98	+ 8 53.4	2.449	3.250	11.8	20.6
11 27	6 13.68	+ 8 22.5	2.377	3.256	9.2	20.5
12 7	6 6.75	+ 8 0.1	2.329	3.261	6.7	20.3
12 17	5 58.78	+ 7 47.9	2.310	3.266	4.8	20.2
12 27	5 50.55	+ 7 46.9	2.320	3.271	5.2	20.2
1 6	5 42.87	+ 7 57.0	2.359	3.276	7.3	20.4
1 16	5 36.46	+ 8 17.2	2.425	3.280	9.9	20.5
1 26	5 31.86	+ 8 45.7	2.515	3.285	12.2	20.7

287578 2003 FX_{44} 12 20.7 347°.36 3°.8/20.7 17

11 17	6 21.63	+30 46.1	1.477	2.320	16.1	20.3
11 27	6 17.16	+31 20.9	1.402	2.311	12.2	20.1
12 7	6 9.53	+31 50.2	1.350	2.304	8.0	19.8
12 17	5 59.65	+32 9.1	1.322	2.298	4.2	19.6
12 27	5 49.04	+32 14.3	1.320	2.292	5.0	19.6
1 6	5 39.41	+32 5.6	1.345	2.288	9.2	19.9
1 16	5 32.20	+31 46.3	1.394	2.284	13.5	20.1
1 26	5 28.38	+31 21.1	1.464	2.282	17.2	20.3

161949 2007 GF_{30} 12 20.7 146°.35 0°.3/20.7 18

11 17	6 20.70	+22 9.9	2.927	3.739	9.8	21.2
11 27	6 14.76	+22 10.1	2.853	3.750	7.2	21.1
12 7	6 7.32	+22 10.4	2.805	3.760	4.3	20.9
12 17	5 58.94	+22 10.2	2.787	3.769	1.2	20.7
12 27	5 50.34	+22 9.1	2.801	3.778	2.0	20.8
1 6	5 42.27	+22 7.3	2.846	3.787	5.0	21.0
1 16	5 35.38	+22 5.4	2.921	3.794	7.8	21.2
1 26	5 30.18	+22 4.2	3.021	3.802	10.1	21.4

316456 2010 UK_{82} 12 20.7 34°.44 1°.2/20.7 18

11 17	6 21.51	+20 1.6	1.905	2.734	13.5	21.1
11 27	6 16.10	+19 58.2	1.832	2.736	10.1	20.9
12 7	6 8.44	+19 57.2	1.782	2.739	6.1	20.6
12 17	5 59.29	+19 58.2	1.760	2.741	2.1	20.4
12 27	5 49.74	+20 0.7	1.767	2.744	3.0	20.4
1 6	5 40.94	+20 4.9	1.803	2.746	7.1	20.7
1 16	5 33.89	+20 11.0	1.865	2.749	10.9	20.9
1 26	5 29.29	+20 19.5	1.951	2.752	14.2	21.2

85723 1998 SH_{67} 12 20.7 115°.69 3°.5/20.8 18

11 17	6 26.02	+14 37.8	1.706	2.526	15.3	19.8
11 27	6 19.42	+14 20.3	1.646	2.542	11.6	19.6
12 7	6 10.38	+14 10.0	1.609	2.558	7.5	19.4
12 17	5 59.81	+14 7.7	1.599	2.573	4.0	19.2
12 27	5 48.95	+14 13.5	1.618	2.587	4.6	19.3
1 6	5 39.08	+14 26.9	1.665	2.601	8.3	19.6
1 16	5 31.24	+14 47.3	1.739	2.615	12.1	19.8
1 26	5 26.11	+15 13.2	1.835	2.627	15.3	20.1

402359 2005 VE_{124} 12 20.7 61°.37 0°.1/20.7 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 22.97	+23 5.5	1.849	2.679	13.9	21.8
11 27	6 17.10	+23 5.1	1.791	2.697	10.2	21.6
12 7	6 8.95	+23 4.5	1.758	2.715	6.1	21.4
12 17	5 59.40	+23 2.5	1.751	2.733	1.7	21.1
12 27	5 49.62	+22 58.8	1.773	2.751	2.8	21.2
1 6	5 40.79	+22 53.8	1.825	2.769	7.0	21.5
1 16	5 33.86	+22 48.7	1.903	2.787	10.7	21.8
1 26	5 29.47	+22 44.8	2.004	2.806	13.8	22.0

160560 1998 SZ_{6} 12 20.7 75°.09 0°.0/20.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 23.00	+23 16.5	2.140	2.962	12.5	20.5
11 27	6 16.80	+23 17.6	2.085	2.986	9.2	20.3
12 7	6 8.64	+23 18.2	2.054	3.011	5.5	20.1
12 17	5 59.30	+23 17.2	2.053	3.035	1.5	19.9
12 27	5 49.80	+23 14.3	2.081	3.058	2.5	20.0
1 6	5 41.17	+23 9.9	2.139	3.082	6.2	20.3
1 16	5 34.22	+23 5.0	2.225	3.105	9.6	20.5
1 26	5 29.52	+23 1.0	2.335	3.129	12.4	20.8

363851 2005 QW_{121} 12 20.7 153°.06 2°.1/20.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.67	+17 39.4	2.055	2.877	13.0	21.5
11 27	6 16.05	+17 26.4	1.979	2.879	9.7	21.3
12 7	6 8.34	+17 17.2	1.928	2.881	6.1	21.1
12 17	5 59.26	+17 11.8	1.905	2.883	2.6	20.9
12 27	5 49.82	+17 10.5	1.911	2.885	3.4	20.9
1 6	5 41.07	+17 13.5	1.947	2.886	7.0	21.2
1 16	5 33.92	+17 20.7	2.009	2.888	10.6	21.4
1 26	5 29.05	+17 32.1	2.096	2.889	13.6	21.6

352840 2008 VS_{68} 12 20.7 234°.63 0°.3/20.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 24.54	+24 27.8	2.075	2.896	12.9	21.4
11 27	6 18.38	+24 25.3	1.984	2.885	9.6	21.1
12 7	6 9.86	+24 21.1	1.918	2.874	5.8	20.9
12 17	5 59.71	+24 13.9	1.880	2.862	1.6	20.6
12 27	5 49.03	+24 3.2	1.872	2.849	2.7	20.6
1 6	5 38.99	+23 49.4	1.894	2.836	6.9	20.9
1 16	5 30.66	+23 34.4	1.943	2.823	10.8	21.1
1 26	5 24.82	+23 20.3	2.016	2.809	14.1	21.3

143985 2003 YT_{153} 12 20.7 269°.58 4°.5/20.3 17 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 26.37	+32 47.9	1.923	2.741	13.9	19.6
11 27	6 20.33	+33 52.0	1.834	2.728	10.8	19.4
12 7	6 11.36	+34 51.9	1.770	2.714	7.4	19.1
12 17	6 0.20	+35 41.6	1.732	2.700	4.8	19.0
12 27	5 48.15	+36 16.1	1.724	2.686	5.4	19.0
1 6	5 36.73	+36 33.8	1.744	2.671	8.7	19.1
1 16	5 27.31	+36 36.2	1.790	2.657	12.2	19.3
1 26	5 20.93	+36 27.8	1.858	2.642	15.4	19.5

458583 2011 FX_{11} 12 20.7 291°.14 7°.4/19.9 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 26.99	+43 30.0	2.295	3.080	13.0	21.3
11 27	6 20.80	+44 45.0	2.205	3.062	10.8	21.1
12 7	6 11.66	+45 49.5	2.139	3.045	8.7	21.0
12 17	6 0.30	+46 36.4	2.099	3.027	7.5	20.9
12 27	5 48.01	+47 0.8	2.088	3.009	7.9	20.8
1 6	5 36.32	+47 1.5	2.103	2.991	9.6	20.9
1 16	5 26.64	+46 41.4	2.143	2.973	12.0	21.0
1 26	5 19.99	+46 6.2	2.206	2.956	14.3	21.2

44513 1998 XT_{62} 12 20.7 286°.27 7°.2/21.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 27.73	+45 32.1	2.319	3.096	13.1	17.7
11 27	6 21.01	+46 7.0	2.238	3.089	10.9	17.6
12 7	6 11.53	+46 27.1	2.179	3.081	8.8	17.4
12 17	6 0.19	+46 27.1	2.146	3.074	7.3	17.3
12 27	5 48.35	+46 4.2	2.141	3.067	7.4	17.3
1 6	5 37.47	+45 19.5	2.164	3.059	9.0	17.4
1 16	5 28.76	+44 17.7	2.212	3.052	11.3	17.5
1 26	5 23.03	+43 5.3	2.283	3.045	13.6	17.7

45828 2000 QK_{157} 12 20.7 229°.59 0°.2/20.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 25.45	+23 56.5	1.783	2.611	14.4	19.5
11 27	6 19.29	+23 40.9	1.701	2.605	10.8	19.2
12 7	6 10.50	+23 23.2	1.642	2.599	6.5	18.9
12 17	5 59.91	+23 2.5	1.610	2.592	1.8	18.6
12 27	5 48.79	+22 39.1	1.607	2.584	3.0	18.7
1 6	5 38.51	+22 14.2	1.633	2.577	7.7	19.0
1 16	5 30.23	+21 50.5	1.686	2.569	11.9	19.2
1 26	5 24.77	+21 30.1	1.761	2.561	15.5	19.4

45333 2000 AR_{81} 12 20.7 153°.04 0°.5/20.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 25.13	+23 15.7	2.303	3.118	12.0	19.1
11 27	6 18.34	+22 54.1	2.229	3.127	8.9	18.9
12 7	6 9.58	+22 30.8	2.181	3.135	5.3	18.7
12 17	5 59.60	+22 5.6	2.161	3.143	1.5	18.5
12 27	5 49.37	+21 39.1	2.173	3.150	2.5	18.6
1 6	5 39.91	+21 12.7	2.216	3.157	6.2	18.8
1 16	5 32.06	+20 48.0	2.288	3.162	9.6	19.0
1 26	5 26.42	+20 26.8	2.384	3.168	12.4	19.2

82260 2001 KZ_{10} 12 20.7 185°.63 1°.2/20.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 25.99	+19 6.6	1.683	2.510	15.1	19.5
11 27	6 19.78	+19 23.1	1.607	2.510	11.3	19.2
12 7	6 10.85	+19 44.6	1.554	2.510	6.9	19.0
12 17	6 0.02	+20 9.3	1.529	2.510	2.3	18.7
12 27	5 48.61	+20 35.5	1.532	2.509	3.3	18.8
1 6	5 38.02	+21 1.8	1.564	2.507	8.0	19.0
1 16	5 29.48	+21 27.7	1.622	2.505	12.3	19.3
1 26	5 23.85	+21 53.6	1.703	2.503	16.0	19.5

102338 1999 TD_{115} 12 20.7 11°.76 3°.2/21.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.70	+30 22.5	1.082	1.945	19.2	18.6
11 27	6 16.96	+30 25.0	1.030	1.950	14.5	18.3
12 7	6 9.52	+30 18.3	0.996	1.956	9.1	18.1
12 17	5 59.67	+29 58.9	0.985	1.965	4.0	17.8
12 27	5 49.35	+29 26.2	0.999	1.975	4.9	17.9
1 6	5 40.59	+28 43.7	1.036	1.987	10.0	18.2
1 16	5 34.86	+27 57.0	1.095	2.000	15.0	18.5
1 26	5 32.98	+27 11.7	1.173	2.015	19.1	18.8

490161 2008 UZ_{230} 12 20.7 18°.86 8°.5/20.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.81	+ 3 34.3	1.776	2.582	15.4	21.2
11 27	6 13.30	+ 2 16.5	1.719	2.589	12.6	21.0
12 7	6 6.72	+ 1 13.5	1.684	2.597	10.1	20.9
12 17	5 58.84	+ 0 30.3	1.673	2.606	8.6	20.8
12 27	5 50.68	+ 0 10.0	1.689	2.616	9.0	20.8
1 6	5 43.30	+ 0 12.9	1.730	2.626	10.9	21.0
1 16	5 37.56	+ 0 36.7	1.795	2.637	13.4	21.2
1 26	5 34.11	+ 1 17.1	1.880	2.649	15.8	21.3

198662 2005 BB_{20} 12 20.7 51°.39 6°.3/21.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 27.17	+42 23.9	2.120	2.913	13.7	19.7
11 27	6 20.46	+42 46.2	2.054	2.921	11.0	19.6
12 7	6 11.08	+42 54.0	2.011	2.930	8.4	19.4
12 17	6 0.05	+42 42.8	1.994	2.938	6.5	19.3
12 27	5 48.73	+42 10.9	2.005	2.947	6.6	19.4
1 6	5 38.54	+41 20.4	2.044	2.956	8.5	19.5
1 16	5 30.59	+40 16.6	2.109	2.966	11.1	19.7
1 26	5 25.58	+39 5.7	2.198	2.975	13.6	19.9

494567 2017 BX_{14} 12 20.7 105°.11 3°.6/21.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 28.29	+34 29.6	1.966	2.778	13.9	21.3
11 27	6 21.10	+34 31.4	1.902	2.792	10.6	21.1
12 7	6 11.38	+34 23.1	1.862	2.806	7.0	20.9
12 17	6 0.12	+34 1.5	1.849	2.819	4.0	20.8
12 27	5 48.64	+33 26.2	1.865	2.833	4.4	20.8
1 6	5 38.30	+32 39.7	1.911	2.846	7.5	21.0
1 16	5 30.14	+31 46.4	1.984	2.859	10.9	21.2
1 26	5 24.82	+30 51.4	2.081	2.871	13.8	21.5

267939 2004 EC_{20} 12 20.7 228°.22 4°.8/20.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 24.05	+12 59.3	1.598	2.423	15.9	21.0
11 27	6 18.36	+12 25.9	1.522	2.419	12.3	20.8
12 7	6 10.00	+12 0.6	1.468	2.415	8.3	20.5
12 17	5 59.81	+11 45.9	1.440	2.410	5.1	20.3
12 27	5 49.05	+11 43.1	1.440	2.405	5.8	20.4
1 6	5 39.11	+11 52.5	1.467	2.400	9.5	20.6
1 16	5 31.19	+12 13.2	1.519	2.395	13.5	20.8
1 26	5 26.12	+12 43.3	1.592	2.389	17.0	21.0

441083 2007 RZ_{178} 12 20.7 102°.32 4°.1/20.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 28.74	+32 57.8	1.883	2.698	14.3	21.9
11 27	6 21.65	+33 44.1	1.824	2.716	10.9	21.8
12 7	6 11.85	+34 23.1	1.789	2.734	7.3	21.6
12 17	6 0.28	+34 49.6	1.782	2.751	4.4	21.4
12 27	5 48.34	+35 0.8	1.804	2.768	4.9	21.5
1 6	5 37.47	+34 57.0	1.854	2.785	8.0	21.7
1 16	5 28.84	+34 41.6	1.931	2.801	11.3	22.0
1 26	5 23.20	+34 19.1	2.031	2.816	14.3	22.2

285896 2001 QX_{45} 12 20.7 111°.62 3°.5/20.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 26.35	+13 45.8	1.766	2.582	15.0	21.5
11 27	6 19.58	+13 37.9	1.708	2.602	11.4	21.3
12 7	6 10.46	+13 38.3	1.674	2.621	7.4	21.1
12 17	5 59.87	+13 47.0	1.666	2.640	4.0	21.0
12 27	5 49.03	+14 3.8	1.688	2.657	4.5	21.1
1 6	5 39.17	+14 27.7	1.739	2.675	8.1	21.3
1 16	5 31.27	+14 57.2	1.817	2.691	11.7	21.6
1 26	5 26.00	+15 31.1	1.918	2.707	14.8	21.8

71178 1999 XB_{213} 12 20.7 15°.61 4°.4/21.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.18	+12 40.4	1.275	2.120	18.0	17.8
11 27	6 15.90	+12 42.9	1.216	2.125	13.7	17.6
12 7	6 8.66	+12 59.1	1.178	2.131	9.1	17.3
12 17	5 59.44	+13 29.3	1.164	2.139	5.0	17.1
12 27	5 49.71	+14 12.2	1.176	2.147	5.5	17.2
1 6	5 41.04	+15 4.6	1.212	2.157	9.7	17.4
1 16	5 34.70	+16 3.0	1.273	2.167	14.2	17.7
1 26	5 31.55	+17 4.2	1.354	2.179	18.0	18.0

225466 2000 EN_{168} 12 20.7 330.°84 8.°2/20.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 26.16	+43 9.8	1.936	2.734	14.6	19.5
11 27	6 20.53	+44 29.1	1.858	2.724	12.1	19.3
12 7	6 11.64	+45 36.2	1.803	2.714	9.7	19.2
12 17	6 0.34	+46 23.2	1.773	2.704	8.3	19.1
12 27	5 48.13	+46 44.6	1.770	2.696	8.7	19.1
1 6	5 36.76	+46 39.6	1.792	2.687	10.6	19.2
1 16	5 27.77	+46 12.0	1.839	2.679	13.2	19.3
1 26	5 22.24	+45 28.7	1.906	2.672	15.8	19.5

301611 2010 DS_{20} 12 20.7 53.°88 8.°1/21.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.43	+ 4 15.3	1.603	2.412	16.7	20.7
11 27	6 16.16	+ 3 31.2	1.546	2.422	13.5	20.5
12 7	6 8.52	+ 3 4.2	1.510	2.432	10.4	20.4
12 17	5 59.37	+ 2 58.0	1.499	2.443	8.3	20.3
12 27	5 49.89	+ 3 14.1	1.513	2.454	8.5	20.3
1 6	5 41.31	+ 3 51.0	1.554	2.465	10.8	20.5
1 16	5 34.64	+ 4 45.0	1.619	2.477	13.8	20.7
1 26	5 30.58	+ 5 51.0	1.704	2.489	16.6	20.9

518612 2008 AA_{117} 12 20.8 58.°74 1.°7/20.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 24.55	+28 17.9	1.770	2.600	14.4	21.0
11 27	6 18.59	+28 17.5	1.701	2.605	10.8	20.8
12 7	6 10.04	+28 12.0	1.655	2.610	6.6	20.6
12 17	5 59.80	+27 59.3	1.636	2.616	2.5	20.3
12 27	5 49.18	+27 38.8	1.645	2.621	3.3	20.4
1 6	5 39.55	+27 12.0	1.683	2.627	7.5	20.7
1 16	5 32.02	+26 41.9	1.747	2.632	11.5	20.9
1 26	5 27.32	+26 12.1	1.834	2.638	14.8	21.2

302742 2002 UH_{27} 12 20.8 351.°25 6.°3/20.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 26.20	+35 58.1	1.644	2.467	15.6	20.0
11 27	6 20.59	+37 13.9	1.572	2.464	12.3	19.8
12 7	6 11.67	+38 21.6	1.524	2.462	8.9	19.6
12 17	6 0.34	+39 13.6	1.501	2.460	6.5	19.4
12 27	5 48.17	+39 44.0	1.505	2.459	7.1	19.5
1 6	5 36.96	+39 51.9	1.535	2.458	10.1	19.6
1 16	5 28.25	+39 40.6	1.590	2.457	13.5	19.8
1 26	5 23.07	+39 16.3	1.666	2.457	16.7	20.1

207284 2005 GV_{11} 12 20.8 254.°22 1.°4/20.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.10	+26 16.5	2.511	3.330	11.0	20.5
11 27	6 15.56	+26 49.7	2.424	3.323	8.2	20.3
12 7	6 8.09	+27 22.1	2.363	3.317	5.0	20.1
12 17	5 59.27	+27 51.2	2.330	3.310	1.9	19.9
12 27	5 50.00	+28 15.2	2.328	3.303	2.7	19.9
1 6	5 41.21	+28 33.2	2.357	3.296	6.0	20.1
1 16	5 33.78	+28 45.7	2.414	3.290	9.1	20.3
1 26	5 28.38	+28 54.0	2.495	3.283	11.8	20.5

165605 2001 FQ_{61} 12 20.8 243.°60 2.°2/20.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 25.06	+28 12.0	1.855	2.681	14.0	20.2
11 27	6 19.12	+28 38.7	1.773	2.675	10.5	19.9
12 7	6 10.48	+29 2.4	1.715	2.669	6.6	19.7
12 17	5 59.97	+29 19.6	1.685	2.663	2.8	19.5
12 27	5 48.85	+29 27.7	1.683	2.657	3.6	19.5
1 6	5 38.50	+29 26.6	1.710	2.651	7.7	19.7
1 16	5 30.14	+29 18.2	1.764	2.645	11.6	20.0
1 26	5 24.63	+29 5.7	1.840	2.638	15.0	20.2

324731 2007 ES_{171} 12 20.8 148.°32 4.°1/20.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 24.62	+35 3.7	2.358	3.165	12.0	20.8
11 27	6 18.36	+35 45.5	2.283	3.169	9.3	20.6
12 7	6 9.82	+36 20.0	2.233	3.172	6.5	20.4
12 17	5 59.75	+36 43.3	2.212	3.175	4.3	20.3
12 27	5 49.24	+36 52.9	2.219	3.178	4.7	20.3
1 6	5 39.45	+36 48.8	2.256	3.181	7.2	20.5
1 16	5 31.37	+36 33.4	2.321	3.184	10.0	20.7
1 26	5 25.75	+36 10.4	2.409	3.186	12.5	20.9

299484 2006 BX_{182} 12 20.8 20.°19 4.°6/21.2 17 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 16.34	+ 8 54.2	2.136	2.950	12.8	19.3
11 27	6 11.96	+ 8 45.1	2.076	2.963	10.0	19.1
12 7	6 5.83	+ 8 46.7	2.040	2.977	7.1	18.9
12 17	5 58.62	+ 9 0.1	2.030	2.991	4.9	18.8
12 27	5 51.17	+ 9 25.1	2.049	3.007	5.1	18.9
1 6	5 44.36	+10 0.5	2.096	3.023	7.5	19.0
1 16	5 38.93	+10 44.2	2.169	3.040	10.2	19.3
1 26	5 35.43	+11 33.5	2.266	3.057	12.8	19.5

108986 2001 PJ_{52} 12 20.8 214.°36 6.°7/20.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.53	+ 0 6.3	2.801	3.567	11.3	20.4
11 27	6 12.53	− 0 35.8	2.722	3.563	9.5	20.3
12 7	6 6.08	− 1 5.8	2.666	3.558	7.8	20.1
12 17	5 58.69	− 1 21.2	2.637	3.552	6.8	20.1
12 27	5 51.02	− 1 20.4	2.636	3.547	7.0	20.1
1 6	5 43.76	− 1 3.5	2.663	3.541	8.3	20.1
1 16	5 37.55	− 0 31.9	2.717	3.535	10.1	20.3
1 26	5 32.88	+ 0 11.6	2.793	3.529	12.0	20.4

490736 2010 RC_{175} 12 20.8 59.°31 3.°1/20.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 24.45	+30 49.1	1.900	2.724	13.8	21.7
11 27	6 18.55	+31 20.9	1.829	2.728	10.4	21.5
12 7	6 10.06	+31 47.3	1.782	2.732	6.7	21.2
12 17	5 59.85	+32 4.5	1.761	2.736	3.5	21.1
12 27	5 49.16	+32 10.1	1.770	2.740	4.2	21.1
1 6	5 39.34	+32 4.4	1.807	2.744	7.6	21.3
1 16	5 31.54	+31 49.7	1.870	2.749	11.2	21.5
1 26	5 26.52	+31 29.9	1.957	2.753	14.3	21.8

38302 1999 RL_{92} 12 20.8 80.°05 0.°9/20.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.87	+20 55.0	2.067	2.892	12.8	19.3
11 27	6 16.17	+20 51.1	2.000	2.903	9.5	19.1
12 7	6 8.41	+20 48.5	1.959	2.915	5.7	18.9
12 17	5 59.35	+20 46.8	1.945	2.926	1.8	18.7
12 27	5 50.02	+20 45.6	1.961	2.938	2.7	18.8
1 6	5 41.45	+20 45.2	2.006	2.949	6.6	19.1
1 16	5 34.54	+20 46.1	2.079	2.960	10.1	19.3
1 26	5 29.90	+20 49.1	2.175	2.971	13.1	19.5

370850 2005 CL_{43} 12 20.8 5.°15 3.°1/20.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 26.99	+30 2.3	1.210	2.058	18.6	20.3
11 27	6 21.57	+30 12.5	1.145	2.057	14.1	20.1
12 7	6 12.36	+30 15.0	1.100	2.057	8.9	19.8
12 17	6 0.55	+30 5.1	1.079	2.058	3.9	19.5
12 27	5 48.07	+29 40.8	1.084	2.059	4.8	19.6
1 6	5 37.00	+29 4.7	1.113	2.060	10.0	19.9
1 16	5 29.00	+28 22.3	1.166	2.062	15.0	20.1
1 26	5 25.00	+27 39.7	1.239	2.064	19.3	20.4

75745 2000 AF_{152} 12 20.8 332.°66 2.°4/21.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 27.06	+10 1.4	1.143	1.979	20.2	17.1
11 27	6 22.12	+11 57.8	1.058	1.963	15.7	16.7
12 7	6 13.20	+14 28.5	0.993	1.948	10.1	16.4
12 17	6 0.97	+17 28.4	0.954	1.933	4.0	16.0
12 27	5 47.03	+20 44.7	0.943	1.920	4.5	16.0
1 6	5 33.58	+24 0.4	0.960	1.908	10.9	16.3
1 16	5 22.78	+27 1.4	1.002	1.898	17.0	16.6
1 26	5 16.23	+29 40.8	1.066	1.888	22.0	16.9

8135 1978 VP_{10} 12 20.8 110.°85 0.°4/20.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 25.79	+23 19.5	1.655	2.486	15.2	18.1
11 27	6 19.66	+23 38.7	1.587	2.493	11.3	17.9
12 7	6 10.77	+23 58.7	1.543	2.500	6.8	17.6
12 17	6 0.06	+24 16.9	1.525	2.507	1.9	17.3
12 27	5 48.87	+24 31.3	1.536	2.514	3.1	17.4
1 6	5 38.64	+24 41.4	1.576	2.520	7.8	17.8
1 16	5 30.58	+24 48.3	1.641	2.527	12.1	18.0
1 26	5 25.48	+24 53.8	1.729	2.533	15.6	18.3

474581 2004 FG_{132} 12 20.8 292.°45 4.°7/20.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 23.10	+14 4.6	1.433	2.269	16.9	21.6
11 27	6 18.06	+13 30.1	1.353	2.257	13.0	21.3
12 7	6 10.05	+13 3.3	1.295	2.245	8.7	21.0
12 17	5 59.92	+12 46.8	1.261	2.233	5.1	20.8
12 27	5 49.05	+12 42.2	1.253	2.222	5.9	20.8
1 6	5 38.99	+12 50.2	1.272	2.210	10.1	21.0
1 16	5 31.11	+13 10.0	1.315	2.199	14.6	21.2
1 26	5 26.37	+13 39.8	1.378	2.188	18.6	21.5

405696 2005 UG_{388} 12 20.8 123.°93 0.°1/20.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.46	+22 29.8	2.110	2.934	12.6	21.8
11 27	6 16.69	+22 39.8	2.036	2.939	9.4	21.6
12 7	6 8.79	+22 50.5	1.987	2.943	5.6	21.4
12 17	5 59.50	+23 0.6	1.966	2.948	1.6	21.1
12 27	5 49.83	+23 8.9	1.975	2.953	2.6	21.2
1 6	5 40.87	+23 15.4	2.014	2.957	6.5	21.5
1 16	5 33.54	+23 20.6	2.080	2.961	10.1	21.7
1 26	5 28.52	+23 25.7	2.170	2.965	13.1	21.9

80679 2000 BR_{28} 12 20.8 248.°73 1.°0/20.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 26.08	+25 4.9	1.542	2.378	15.9	19.7
11 27	6 20.24	+25 22.0	1.465	2.373	11.9	19.4
12 7	6 11.33	+25 38.3	1.411	2.369	7.2	19.2
12 17	6 0.27	+25 50.7	1.383	2.365	2.2	18.8
12 27	5 48.52	+25 57.1	1.383	2.360	3.5	18.9
1 6	5 37.70	+25 57.4	1.410	2.356	8.5	19.2
1 16	5 29.21	+25 53.2	1.463	2.351	13.1	19.4
1 26	5 23.98	+25 47.7	1.537	2.346	17.0	19.7

414013 2007 HZ_{33} 12 20.8 243.°03 0.°0/20.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.39	+23 28.0	2.310	3.132	11.7	21.9
11 27	6 15.83	+23 28.8	2.223	3.125	8.7	21.7
12 7	6 8.27	+23 29.1	2.162	3.118	5.3	21.5
12 17	5 59.36	+23 28.0	2.129	3.111	1.5	21.2
12 27	5 50.03	+23 24.8	2.127	3.104	2.4	21.3
1 6	5 41.28	+23 19.8	2.154	3.097	6.2	21.5
1 16	5 33.99	+23 14.0	2.209	3.089	9.6	21.7
1 26	5 28.84	+23 8.8	2.289	3.082	12.6	21.9

485551 2011 UW_{125} 12 20.8 96°.08 6°.6/21.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 32.50	+40 55.3	1.993	2.785	14.4	20.9
11 27	6 24.50	+41 49.9	1.942	2.810	11.5	20.8
12 7	6 13.58	+42 30.6	1.914	2.834	8.7	20.7
12 17	6 0.81	+42 51.4	1.913	2.858	6.8	20.6
12 27	5 47.76	+42 49.3	1.941	2.881	7.0	20.7
1 6	5 35.99	+42 26.0	1.996	2.904	9.0	20.8
1 16	5 26.73	+41 46.5	2.078	2.926	11.6	21.0
1 26	5 20.70	+40 57.7	2.182	2.947	14.0	21.2

132739 2002 PJ_{30} 12 20.8 95°.80 1°.4/20.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.41	+19 15.5	2.343	3.164	11.6	20.6
11 27	6 14.91	+19 8.4	2.273	3.173	8.6	20.4
12 7	6 7.60	+19 3.7	2.228	3.182	5.3	20.2
12 17	5 59.16	+19 1.0	2.211	3.191	2.0	20.0
12 27	5 50.45	+19 0.4	2.224	3.200	2.7	20.0
1 6	5 42.39	+19 1.9	2.268	3.209	6.1	20.3
1 16	5 35.74	+19 5.8	2.339	3.217	9.3	20.5
1 26	5 31.08	+19 12.4	2.435	3.226	12.0	20.7

444508 2006 SN_{26} 12 20.8 11°.71 8°.9/21.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 26.63	+42 56.1	1.384	2.204	18.2	20.0
11 27	6 21.39	+43 39.5	1.325	2.207	14.9	19.8
12 7	6 12.26	+44 3.6	1.287	2.212	11.5	19.6
12 17	6 0.53	+44 0.3	1.271	2.217	9.2	19.5
12 27	5 48.28	+43 26.0	1.279	2.224	9.3	19.5
1 6	5 37.66	+42 24.1	1.312	2.232	11.7	19.6
1 16	5 30.27	+41 3.0	1.368	2.241	14.9	19.9
1 26	5 26.95	+39 33.0	1.444	2.250	18.0	20.1

199946 2007 HE_{2} 12 20.8 174°.29 1°.7/20.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 24.94	+19 29.9	1.763	2.590	14.6	21.5
11 27	6 18.85	+19 17.2	1.689	2.592	10.9	21.3
12 7	6 10.24	+19 7.1	1.638	2.593	6.7	21.0
12 17	5 59.94	+18 59.4	1.614	2.594	2.5	20.8
12 27	5 49.19	+18 54.0	1.619	2.594	3.5	20.8
1 6	5 39.28	+18 51.5	1.652	2.594	7.8	21.1
1 16	5 31.32	+18 52.6	1.712	2.594	11.9	21.4
1 26	5 26.08	+18 57.7	1.795	2.594	15.3	21.6

99644 2002 GF_{159} 12 20.8 129°.41 0°.3/20.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.74	+22 35.6	2.450	3.268	11.3	20.5
11 27	6 15.84	+22 32.2	2.378	3.277	8.3	20.3
12 7	6 8.15	+22 28.8	2.331	3.287	5.0	20.1
12 17	5 59.32	+22 24.5	2.314	3.296	1.4	19.9
12 27	5 50.24	+22 19.1	2.327	3.304	2.3	20.0
1 6	5 41.80	+22 13.0	2.371	3.313	5.8	20.2
1 16	5 34.78	+22 7.1	2.443	3.321	8.9	20.4
1 26	5 29.76	+22 2.5	2.540	3.328	11.6	20.6

197125 2003 UK_{225} 12 20.8 173°.70 4°.1/20.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 23.98	+35 25.0	2.380	3.187	11.9	20.3
11 27	6 17.91	+36 2.0	2.302	3.187	9.2	20.1
12 7	6 9.59	+36 31.5	2.250	3.188	6.4	20.0
12 17	5 59.76	+36 49.8	2.225	3.188	4.3	19.8
12 27	5 49.48	+36 54.4	2.230	3.188	4.7	19.9
1 6	5 39.90	+36 45.7	2.264	3.189	7.1	20.0
1 16	5 32.02	+36 26.0	2.325	3.189	9.9	20.2
1 26	5 26.55	+35 58.9	2.410	3.189	12.5	20.4

108837 2001 OG_{86} 12 20.8 152°.53 2°.9/20.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.59	+31 5.6	1.970	2.783	13.8	20.2
11 27	6 22.21	+31 27.6	1.899	2.793	10.4	20.0
12 7	6 12.20	+31 43.2	1.853	2.801	6.7	19.8
12 17	6 0.48	+31 48.7	1.835	2.809	3.4	19.6
12 27	5 48.36	+31 42.1	1.846	2.817	4.0	19.6
1 6	5 37.22	+31 24.4	1.887	2.823	7.5	19.9
1 16	5 28.19	+30 58.7	1.956	2.829	11.1	20.1
1 26	5 22.03	+30 29.3	2.048	2.834	14.1	20.3

124725 2001 SR_{167} 12 20.8 51°.56 6°.9/21.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.71	+37 32.7	1.377	2.204	17.9	19.2
11 27	6 23.43	+38 25.8	1.322	2.215	14.1	19.0
12 7	6 13.39	+39 5.3	1.288	2.227	10.1	18.8
12 17	6 0.85	+39 23.2	1.278	2.239	7.2	18.7
12 27	5 47.79	+39 15.5	1.294	2.251	7.6	18.8
1 6	5 36.30	+38 44.2	1.336	2.264	10.7	19.0
1 16	5 27.94	+37 56.1	1.401	2.277	14.4	19.2
1 26	5 23.57	+36 59.7	1.487	2.290	17.7	19.5

68310 2001 FH_{112} 12 20.8 226°.11 6°.5/20.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 28.92	+39 41.0	1.948	2.750	14.4	19.4
11 27	6 22.28	+40 35.8	1.871	2.746	11.5	19.2
12 7	6 12.55	+41 19.3	1.816	2.742	8.7	19.0
12 17	6 0.64	+41 45.0	1.787	2.737	6.7	18.9
12 27	5 48.02	+41 48.6	1.787	2.732	7.0	18.9
1 6	5 36.33	+41 30.3	1.814	2.727	9.4	19.0
1 16	5 26.98	+40 54.4	1.866	2.722	12.4	19.2
1 26	5 20.90	+40 7.3	1.941	2.716	15.2	19.4

271523 2004 GY_{56} 12 20.8 119°.26 3°.4/20.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 29.64	+30 49.1	1.686	2.508	15.3	20.9
11 27	6 22.58	+31 23.5	1.623	2.521	11.6	20.7
12 7	6 12.56	+31 51.5	1.584	2.534	7.5	20.5
12 17	6 0.59	+32 8.5	1.572	2.546	3.8	20.3
12 27	5 48.19	+32 11.7	1.588	2.558	4.5	20.3
1 6	5 36.95	+32 1.8	1.632	2.570	8.3	20.6
1 16	5 28.14	+31 42.3	1.703	2.581	12.2	20.8
1 26	5 22.55	+31 17.9	1.796	2.591	15.5	21.1

194370 2001 UF_{196} 12 20.8 349°.95 5°.1/20.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 25.57	+32 34.9	1.348	2.189	17.4	19.7
11 27	6 20.49	+33 24.4	1.279	2.185	13.4	19.4
12 7	6 11.78	+34 6.7	1.231	2.182	9.0	19.2
12 17	6 0.46	+34 35.0	1.207	2.179	5.5	18.9
12 27	5 48.33	+34 44.3	1.209	2.177	6.2	19.0
1 6	5 37.37	+34 34.7	1.237	2.176	10.2	19.2
1 16	5 29.24	+34 10.3	1.288	2.175	14.6	19.5
1 26	5 24.97	+33 37.9	1.359	2.175	18.5	19.7

494018 2016 AJ_{154} 12 20.8 246°.44 7°.1/20.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.12	+ 0 51.0	2.526	3.299	12.2	21.5
11 27	6 13.15	+ 0 5.4	2.444	3.292	10.2	21.4
12 7	6 6.56	− 0 27.6	2.386	3.284	8.3	21.2
12 17	5 58.90	− 0 45.0	2.355	3.276	7.2	21.2
12 27	5 50.91	− 0 44.8	2.351	3.267	7.4	21.2
1 6	5 43.36	− 0 27.1	2.375	3.259	8.9	21.2
1 16	5 36.96	+ 0 6.4	2.425	3.251	10.9	21.4
1 26	5 32.28	+ 0 53.0	2.498	3.242	13.0	21.5

137522 1999 VD_{48} 12 20.8 21°.14 9°.3/21.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 28.46	+40 19.5	1.118	1.956	20.4	19.0
11 27	6 23.40	+41 25.6	1.066	1.961	16.5	18.8
12 7	6 13.79	+42 13.4	1.033	1.968	12.5	18.6
12 17	6 1.02	+42 32.3	1.021	1.976	9.7	18.5
12 27	5 47.56	+42 16.5	1.033	1.985	9.9	18.5
1 6	5 36.01	+41 29.1	1.068	1.994	12.9	18.7
1 16	5 28.26	+40 19.8	1.123	2.005	16.7	19.0
1 26	5 25.23	+39 0.2	1.198	2.016	20.3	19.2

443108 2013 YY_{54} 12 20.8 172°.54 4°.2/21.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 25.23	+10 50.4	1.809	2.620	14.9	21.6
11 27	6 18.99	+10 58.1	1.734	2.623	11.5	21.4
12 7	6 10.32	+11 17.6	1.682	2.625	7.8	21.2
12 17	5 59.99	+11 49.0	1.657	2.626	4.7	21.0
12 27	5 49.15	+12 31.5	1.661	2.627	5.0	21.0
1 6	5 39.04	+13 22.5	1.694	2.628	8.4	21.2
1 16	5 30.75	+14 19.6	1.754	2.628	12.1	21.4
1 26	5 25.05	+15 20.0	1.838	2.628	15.4	21.7

371882 2008 CR_{53} 12 20.8 72°.35 1°.5/20.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.33	+25 54.8	1.259	2.100	18.4	21.2
11 27	6 23.44	+26 16.8	1.213	2.124	13.6	20.9
12 7	6 13.15	+26 36.2	1.189	2.147	8.2	20.7
12 17	6 0.74	+26 48.9	1.189	2.170	2.7	20.4
12 27	5 48.09	+26 52.6	1.216	2.193	3.9	20.6
1 6	5 37.06	+26 48.3	1.270	2.216	9.1	21.0
1 16	5 28.99	+26 39.0	1.349	2.239	13.8	21.3
1 26	5 24.62	+26 28.5	1.448	2.262	17.6	21.6

516916 2011 UH_{253} 12 20.8 134°.42 0°.9/20.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 24.83	+25 29.2	2.071	2.892	12.9	21.9
11 27	6 18.50	+25 45.0	2.001	2.901	9.6	21.7
12 7	6 9.91	+25 59.3	1.954	2.910	5.8	21.5
12 17	5 59.85	+26 9.8	1.937	2.918	1.8	21.3
12 27	5 49.43	+26 15.2	1.949	2.925	2.8	21.4
1 6	5 39.81	+26 15.4	1.991	2.933	6.7	21.6
1 16	5 31.95	+26 12.0	2.060	2.940	10.3	21.9
1 26	5 26.56	+26 6.9	2.154	2.946	13.3	22.1

51957 2001 QF_{251} 12 20.8 357°.25 3°.9/20.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.68	+13 8.8	2.125	2.944	12.7	18.9
11 27	6 13.82	+12 35.7	2.049	2.943	9.7	18.7
12 7	6 7.06	+12 8.8	1.997	2.942	6.6	18.5
12 17	5 59.06	+11 49.8	1.973	2.942	4.1	18.4
12 27	5 50.72	+11 40.0	1.978	2.941	4.6	18.4
1 6	5 43.00	+11 39.7	2.011	2.941	7.5	18.6
1 16	5 36.72	+11 48.7	2.070	2.942	10.6	18.8
1 26	5 32.50	+12 5.7	2.153	2.942	13.4	19.0

430901 2005 SQ_{46} 12 20.8 72°.40 6°.4/20.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.96	+36 43.7	1.446	2.269	17.4	20.7
11 27	6 24.14	+37 35.6	1.392	2.284	13.6	20.5
12 7	6 13.73	+38 14.7	1.360	2.300	9.6	20.3
12 17	6 0.95	+38 33.8	1.353	2.315	6.7	20.2
12 27	5 47.74	+38 29.0	1.372	2.331	7.1	20.2
1 6	5 36.06	+38 2.2	1.418	2.346	10.2	20.5
1 16	5 27.40	+37 19.8	1.488	2.362	13.8	20.7
1 26	5 22.61	+36 29.5	1.579	2.377	17.1	21.0

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
300659 2007 UV_{122}			12 20.8 317°84		0°9/20.8 18	
	h m	° ′			°	m
11 17	6 23.44	+24 58.0	1.705	2.539	14.7	20.7
11 27	6 18.05	+25 15.4	1.627	2.534	11.0	20.5
12 7	6 9.93	+25 32.1	1.572	2.529	6.7	20.2
12 17	5 59.93	+25 45.7	1.543	2.525	2.1	19.9
12 27	5 49.32	+25 54.2	1.543	2.521	3.2	20.0
1 6	5 39.53	+25 57.4	1.571	2.516	7.8	20.2
1 16	5 31.77	+25 56.6	1.625	2.513	12.1	20.5
1 26	5 26.91	+25 54.1	1.701	2.509	15.7	20.7
257956 2001 AR_{41}			12 20.8 284°41		5°1/21.1 18	
11 17	6 20.15	+ 7 29.9	2.198	2.999	13.0	19.9
11 27	6 15.03	+ 7 24.1	2.101	2.979	10.3	19.6
12 7	6 7.91	+ 7 30.1	2.028	2.959	7.5	19.4
12 17	5 59.35	+ 7 49.4	1.982	2.939	5.4	19.3
12 27	5 50.22	+ 8 22.4	1.965	2.919	5.6	19.2
1 6	5 41.50	+ 9 7.9	1.976	2.899	8.1	19.4
1 16	5 34.10	+10 3.8	2.015	2.879	11.2	19.5
1 26	5 28.75	+11 7.1	2.077	2.859	14.1	19.7
424184 2007 JX_{8}			12 20.8 139°51		1°0/20.8 17	
11 17	6 20.88	+20 23.1	2.525	3.342	11.0	22.1
11 27	6 15.17	+20 15.1	2.450	3.349	8.2	21.9
12 7	6 7.76	+20 8.4	2.401	3.356	4.9	21.7
12 17	5 59.26	+20 2.5	2.382	3.362	1.7	21.5
12 27	5 50.50	+19 57.6	2.393	3.368	2.4	21.6
1 6	5 42.33	+19 53.9	2.434	3.375	5.7	21.8
1 16	5 35.50	+19 52.0	2.504	3.380	8.8	22.0
1 26	5 30.56	+19 52.4	2.599	3.386	11.4	22.2
482538 2012 UG_{55}			12 20.8 88°79		2°3/20.6 16	
11 17	6 26.80	+19 13.8	1.637	2.464	15.5	21.4
11 27	6 20.07	+18 40.6	1.582	2.485	11.5	21.2
12 7	6 10.85	+18 9.7	1.551	2.506	7.1	21.0
12 17	6 0.12	+17 42.1	1.547	2.526	2.9	20.8
12 27	5 49.22	+17 18.9	1.572	2.546	3.9	20.9
1 6	5 39.47	+17 1.4	1.626	2.566	8.1	21.2
1 16	5 31.89	+16 50.6	1.705	2.585	12.0	21.4
1 26	5 27.13	+16 46.9	1.807	2.604	15.3	21.7
81290 2000 FM_{69}			12 20.8 91°86		3°4/20.7 18	
11 17	6 22.15	+14 47.1	1.864	2.687	14.1	19.6
11 27	6 16.59	+14 24.9	1.795	2.693	10.7	19.4
12 7	6 8.81	+14 8.9	1.749	2.699	7.0	19.2
12 17	5 59.58	+14 0.3	1.731	2.704	3.8	19.0
12 27	5 50.00	+13 59.6	1.741	2.710	4.4	19.1
1 6	5 41.20	+14 7.0	1.779	2.715	7.8	19.3
1 16	5 34.14	+14 21.7	1.844	2.721	11.4	19.5
1 26	5 29.50	+14 42.8	1.931	2.726	14.6	19.7
300502 2007 TW_{161}			12 20.8 50°50		2°1/20.8 17	
11 17	6 25.16	+27 11.4	1.557	2.394	15.7	21.2
11 27	6 19.40	+27 41.1	1.496	2.404	11.7	21.0
12 7	6 10.73	+28 8.2	1.458	2.414	7.2	20.8
12 17	6 0.15	+28 28.8	1.446	2.425	2.8	20.5
12 27	5 49.11	+28 40.2	1.461	2.436	3.8	20.6
1 6	5 39.16	+28 42.4	1.504	2.448	8.2	20.9
1 16	5 31.56	+28 37.8	1.572	2.460	12.4	21.2
1 26	5 27.10	+28 29.4	1.662	2.471	15.9	21.4
6218 Mizushima			12 20.8 86°54		4°3/20.8 18	
11 17	6 26.47	+14 13.9	1.431	2.261	17.2	17.8
11 27	6 20.15	+13 47.1	1.377	2.278	13.0	17.5
12 7	6 11.04	+13 29.2	1.346	2.296	8.5	17.3
12 17	6 0.21	+13 21.4	1.339	2.313	4.7	17.2
12 27	5 49.08	+13 24.4	1.361	2.330	5.4	17.2
1 6	5 39.15	+13 37.6	1.409	2.346	9.3	17.5
1 16	5 31.57	+13 59.9	1.482	2.363	13.4	17.8
1 26	5 27.04	+14 29.3	1.576	2.379	16.9	18.1
406244 2007 CP_{75}			12 20.8 8°58		0°8/20.8 17	
11 17	6 22.44	+25 34.7	1.868	2.699	13.7	22.2
11 27	6 17.02	+25 40.2	1.794	2.699	10.2	22.0
12 7	6 9.17	+25 43.8	1.743	2.700	6.2	21.7
12 17	5 59.71	+25 43.6	1.719	2.701	1.9	21.5
12 27	5 49.81	+25 38.7	1.725	2.702	2.9	21.5
1 6	5 40.72	+25 29.5	1.758	2.703	7.2	21.8
1 16	5 33.50	+25 17.9	1.819	2.705	11.1	22.0
1 26	5 28.89	+25 6.0	1.902	2.706	14.4	22.3
78094 2002 LD_{32}			12 20.8 55°89		3°3/21.2 18	
11 17	6 21.35	+12 20.3	2.007	2.823	13.5	18.3
11 27	6 15.76	+12 34.0	1.950	2.843	10.2	18.2
12 7	6 8.20	+12 57.0	1.917	2.863	6.7	18.0
12 17	5 59.40	+13 28.8	1.912	2.884	3.7	17.9
12 27	5 50.36	+14 8.0	1.936	2.905	4.1	17.9
1 6	5 42.09	+14 52.9	1.989	2.926	7.1	18.1
1 16	5 35.42	+15 41.2	2.070	2.947	10.3	18.4
1 26	5 30.96	+16 31.2	2.174	2.968	13.2	18.6

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
381122 2007 DL_{67}			12 20.8 23°27		1°5/20.9 18	
	h m	° ′			°	m
11 17	6 22.41	+19 31.8	1.094	1.954	19.2	20.1
11 27	6 18.04	+19 41.4	1.043	1.962	14.4	19.9
12 7	6 10.19	+19 57.4	1.010	1.972	8.7	19.6
12 17	6 0.04	+20 18.0	1.001	1.983	2.8	19.3
12 27	5 49.36	+20 41.1	1.016	1.994	4.1	19.4
1 6	5 40.06	+21 5.3	1.056	2.007	9.8	19.8
1 16	5 33.58	+21 29.9	1.119	2.021	14.9	20.1
1 26	5 30.79	+21 55.0	1.200	2.036	19.2	20.4
211280 2002 RV_{142}			12 20.8 165°94		0°7/20.8 18	
11 17	6 24.29	+21 49.9	2.288	3.104	12.0	21.5
11 27	6 17.87	+21 41.7	2.211	3.109	8.9	21.3
12 7	6 9.47	+21 33.7	2.159	3.114	5.4	21.1
12 17	5 59.77	+21 25.2	2.136	3.117	1.6	20.8
12 27	5 49.76	+21 16.1	2.144	3.121	2.5	20.9
1 6	5 40.43	+21 7.0	2.182	3.123	6.3	21.2
1 16	5 32.65	+20 58.9	2.249	3.125	9.7	21.4
1 26	5 27.05	+20 53.0	2.340	3.127	12.6	21.6
220457 2004 BY_{10}			12 20.8 2°52		3°4/21.1 18	
11 17	6 26.13	+31 15.8	1.212	2.060	18.5	19.8
11 27	6 20.97	+31 18.0	1.147	2.059	14.1	19.6
12 7	6 12.06	+31 10.4	1.102	2.058	9.0	19.3
12 17	6 0.59	+30 48.5	1.081	2.058	4.2	19.0
12 27	5 48.50	+30 11.3	1.084	2.059	4.9	19.1
1 6	5 37.85	+29 22.0	1.114	2.061	10.0	19.3
1 16	5 30.23	+28 27.1	1.166	2.063	14.9	19.6
1 26	5 26.57	+27 33.1	1.238	2.066	19.2	19.9
470020 2006 RE_{62}			12 20.8 95°69		3°9/20.7 18	
11 17	6 28.07	+15 9.0	1.491	2.317	16.8	21.7
11 27	6 21.18	+14 38.1	1.439	2.339	12.7	21.5
12 7	6 11.59	+14 14.5	1.410	2.360	8.2	21.3
12 17	6 0.36	+13 59.6	1.407	2.382	4.4	21.1
12 27	5 48.94	+13 54.0	1.433	2.402	5.1	21.2
1 6	5 38.75	+13 58.0	1.486	2.422	9.0	21.5
1 16	5 30.90	+14 10.7	1.564	2.442	13.0	21.8
1 26	5 26.05	+14 30.9	1.664	2.461	16.4	22.0
84987 2003 YK_{83}			12 20.8 31°56		3°1/20.2 18	
11 17	6 24.48	+20 30.3	1.445	2.285	16.5	18.3
11 27	6 18.71	+19 11.0	1.384	2.294	12.3	18.0
12 7	6 10.20	+17 50.6	1.347	2.303	7.7	17.8
12 17	5 59.99	+16 32.5	1.336	2.314	3.6	17.6
12 27	5 49.55	+15 21.4	1.352	2.324	4.8	17.7
1 6	5 40.32	+14 21.6	1.396	2.336	9.2	18.0
1 16	5 33.42	+13 35.8	1.464	2.347	13.4	18.3
1 26	5 29.52	+13 4.8	1.554	2.360	17.0	18.5
101510 1998 XH_{22}			12 20.8 105°84		3°9/20.4 18	
11 17	6 23.81	+14 48.1	1.931	2.749	13.9	19.8
11 27	6 17.62	+13 57.3	1.868	2.762	10.5	19.6
12 7	6 9.33	+13 11.3	1.828	2.775	7.0	19.4
12 17	5 59.74	+12 32.5	1.817	2.787	4.2	19.3
12 27	5 49.92	+12 2.8	1.834	2.799	4.8	19.4
1 6	5 40.97	+11 43.5	1.881	2.811	8.0	19.6
1 16	5 33.76	+11 34.8	1.954	2.823	11.3	19.8
1 26	5 28.91	+11 36.1	2.051	2.834	14.2	20.0
482681 2013 CW_{66}			12 20.8 274°49		6°6/20.9 18	
11 17	6 21.12	+ 6 32.8	1.844	2.651	14.9	21.5
11 27	6 15.96	+ 6 0.3	1.765	2.644	11.9	21.3
12 7	6 8.54	+ 5 40.7	1.708	2.636	8.9	21.1
12 17	5 59.58	+ 5 37.1	1.677	2.629	6.8	20.9
12 27	5 50.10	+ 5 51.1	1.673	2.621	7.1	20.9
1 6	5 41.25	+ 6 21.9	1.696	2.614	9.6	21.1
1 16	5 34.04	+ 7 7.2	1.745	2.607	12.8	21.2
1 26	5 29.22	+ 8 3.6	1.816	2.599	15.8	21.4
370265 2002 QF_{37}			12 20.8 82°27		4°5/20.9 17	
11 17	6 24.45	+36 55.5	2.325	3.130	12.2	21.0
11 27	6 18.29	+37 28.2	2.255	3.137	9.5	20.9
12 7	6 9.84	+37 51.7	2.210	3.144	6.8	20.7
12 17	5 59.91	+38 2.4	2.192	3.151	4.7	20.6
12 27	5 49.62	+37 58.3	2.203	3.159	5.0	20.6
1 6	5 40.13	+37 40.1	2.243	3.166	7.3	20.8
1 16	5 32.44	+37 10.6	2.310	3.173	10.0	21.0
1 26	5 27.24	+36 34.3	2.401	3.180	12.5	21.2
331303 2011 EP_{42}			12 20.8 89°82		10°6/22.1 18	
11 17	6 18.68	−12 58.7	2.540	3.239	14.0	20.5
11 27	6 13.47	−13 51.0	2.488	3.252	12.6	20.4
12 7	6 6.71	−14 22.2	2.456	3.265	11.4	20.3
12 17	5 59.01	−14 28.6	2.447	3.278	10.7	20.3
12 27	5 51.11	−14 8.6	2.463	3.291	10.7	20.3
1 6	5 43.78	−13 23.5	2.502	3.304	11.3	20.4
1 16	5 37.69	−12 16.6	2.564	3.317	12.5	20.5
1 26	5 33.33	−10 53.1	2.647	3.329	13.7	20.6

416173 2002 RG_{286} 12 20.8 344°.93 5°.8/21.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 26.03	+40 43.4	2.025	2.827	13.9	20.0
11 27	6 19.84	+40 52.5	1.946	2.822	11.1	19.8
12 7	6 10.92	+40 47.3	1.891	2.818	8.2	19.6
12 17	6 0.22	+40 23.7	1.861	2.815	6.1	19.5
12 27	5 49.14	+39 40.1	1.859	2.811	6.2	19.5
1 6	5 39.11	+38 38.9	1.886	2.808	8.5	19.6
1 16	5 31.28	+37 25.5	1.938	2.806	11.4	19.8
1 26	5 26.41	+36 6.5	2.015	2.804	14.2	20.0

386684 2009 VZ_{66} 12 20.8 48°.78 1°.9/20.8 18

11 17	6 27.68	+27 0.1	1.191	2.040	18.7	20.9
11 27	6 21.67	+27 15.3	1.147	2.061	13.9	20.7
12 7	6 12.19	+27 26.4	1.124	2.083	8.5	20.4
12 17	6 0.57	+27 29.7	1.124	2.105	3.0	20.2
12 27	5 48.71	+27 23.5	1.151	2.128	4.1	20.3
1 6	5 38.50	+27 9.3	1.204	2.152	9.3	20.7
1 16	5 31.28	+26 51.0	1.280	2.175	14.0	21.0
1 26	5 27.77	+26 32.4	1.376	2.199	17.9	21.3

208841 2002 RH_{159} 12 20.8 67°.45 4°.7/20.8 18

11 17	6 21.84	+11 52.4	1.788	2.609	14.7	20.2
11 27	6 16.47	+11 24.3	1.718	2.612	11.3	20.0
12 7	6 8.81	+11 5.2	1.671	2.615	7.8	19.8
12 17	5 59.64	+10 56.9	1.650	2.617	5.0	19.6
12 27	5 50.08	+11 0.4	1.657	2.620	5.5	19.6
1 6	5 41.28	+11 15.3	1.692	2.623	8.6	19.8
1 16	5 34.24	+11 40.5	1.753	2.626	12.1	20.0
1 26	5 29.68	+12 13.9	1.836	2.630	15.2	20.3

444527 2006 SP_{130} 12 20.8 88°.53 4°.2/20.9 18

11 17	6 28.73	+34 31.5	1.974	2.785	13.9	21.4
11 27	6 21.54	+35 6.4	1.920	2.808	10.6	21.2
12 7	6 11.78	+35 32.2	1.890	2.831	7.2	21.1
12 17	6 0.44	+35 44.7	1.887	2.854	4.5	21.0
12 27	5 48.86	+35 41.7	1.914	2.877	4.9	21.0
1 6	5 38.40	+35 24.6	1.969	2.899	7.7	21.2
1 16	5 30.12	+34 57.0	2.052	2.920	10.8	21.5
1 26	5 24.70	+34 23.7	2.157	2.942	13.6	21.7

156248 2001 UR_{186} 12 20.8 315°.32 1°.1/20.8 18

11 17	6 24.32	+25 33.5	1.424	2.267	16.5	20.4
11 27	6 19.25	+25 45.2	1.346	2.258	12.4	20.2
12 7	6 10.95	+25 55.5	1.289	2.248	7.6	19.9
12 17	6 0.34	+26 1.3	1.258	2.239	2.4	19.5
12 27	5 48.94	+26 0.7	1.253	2.231	3.6	19.6
1 6	5 38.47	+25 53.9	1.275	2.222	8.9	19.9
1 16	5 30.44	+25 43.1	1.321	2.214	13.8	20.1
1 26	5 25.83	+25 31.6	1.388	2.207	18.0	20.4

397300 2006 SH_{201} 12 20.8 331°.73 5°.3/20.5 17

11 17	6 24.67	+34 3.1	1.638	2.467	15.4	20.8
11 27	6 19.48	+35 1.2	1.560	2.458	12.0	20.5
12 7	6 11.10	+35 52.6	1.505	2.450	8.4	20.3
12 17	6 0.39	+36 30.8	1.475	2.442	5.6	20.1
12 27	5 48.85	+36 50.9	1.473	2.435	6.2	20.2
1 6	5 38.18	+36 52.0	1.497	2.428	9.5	20.3
1 16	5 29.88	+36 37.1	1.545	2.422	13.3	20.5
1 26	5 24.97	+36 11.9	1.615	2.416	16.7	20.7

305069 2007 UD_{100} 12 20.8 253°.28 1°.6/20.7 18

11 17	6 23.50	+20 11.5	1.996	2.819	13.3	20.5
11 27	6 17.72	+19 48.3	1.905	2.806	10.0	20.3
12 7	6 9.63	+19 25.7	1.838	2.793	6.1	20.0
12 17	5 59.92	+19 4.1	1.799	2.779	2.3	19.8
12 27	5 49.68	+18 44.2	1.790	2.766	3.2	19.8
1 6	5 40.07	+18 27.0	1.810	2.751	7.3	20.0
1 16	5 32.13	+18 13.9	1.858	2.737	11.2	20.2
1 26	5 26.63	+18 6.0	1.928	2.722	14.6	20.4

413634 2005 UQ_{391} 12 20.8 277°.63 1°.2/20.8 17

11 17	6 21.75	+20 2.7	2.022	2.848	13.0	21.9
11 27	6 16.32	+20 0.4	1.944	2.847	9.7	21.7
12 7	6 8.71	+20 0.5	1.890	2.845	5.9	21.4
12 17	5 59.65	+20 2.3	1.863	2.844	2.0	21.2
12 27	5 50.16	+20 5.6	1.866	2.842	2.9	21.2
1 6	5 41.35	+20 10.1	1.898	2.841	6.9	21.5
1 16	5 34.16	+20 16.4	1.957	2.840	10.6	21.7
1 26	5 29.32	+20 24.9	2.040	2.838	13.7	21.9

204984 1995 UL_{9} 12 20.8 21°.05 4°.8/20.9 18

11 17	6 23.54	+32 13.5	1.142	1.996	19.0	19.7
11 27	6 19.10	+32 48.9	1.093	2.007	14.5	19.4
12 7	6 10.93	+33 14.6	1.064	2.019	9.5	19.2
12 17	6 0.31	+33 24.7	1.058	2.032	5.3	19.0
12 27	5 49.23	+33 16.2	1.076	2.048	6.0	19.1
1 6	5 39.74	+32 51.2	1.119	2.064	10.3	19.4
1 16	5 33.35	+32 15.4	1.184	2.081	14.8	19.7
1 26	5 30.86	+31 35.2	1.269	2.100	18.6	20.0

255554 2006 JK_{52} 12 20.8 138°.04 2°.9/20.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 28.49	+16 39.3	1.668	2.488	15.6	21.4
11 27	6 21.45	+16 18.6	1.604	2.502	11.7	21.2
12 7	6 11.81	+16 2.9	1.563	2.514	7.4	21.0
12 17	6 0.51	+15 52.9	1.549	2.526	3.5	20.8
12 27	5 48.86	+15 48.9	1.565	2.537	4.3	20.9
1 6	5 38.25	+15 51.2	1.609	2.547	8.4	21.1
1 16	5 29.77	+15 59.7	1.680	2.557	12.4	21.4
1 26	5 24.17	+16 14.1	1.773	2.565	15.8	21.6

250693 2005 QX_{116} 12 20.8 82°.09 2°.4/20.8 18

11 17	6 22.11	+16 43.6	1.938	2.762	13.6	20.8
11 27	6 16.53	+16 36.3	1.871	2.771	10.2	20.6
12 7	6 8.79	+16 34.1	1.827	2.779	6.4	20.4
12 17	5 59.67	+16 37.0	1.810	2.788	2.9	20.2
12 27	5 50.21	+16 44.9	1.823	2.796	3.6	20.3
1 6	5 41.51	+16 57.4	1.865	2.805	7.2	20.5
1 16	5 34.50	+17 14.1	1.933	2.813	10.8	20.8
1 26	5 29.86	+17 34.5	2.025	2.822	13.9	21.0

51061 2000 GW_{142} 12 20.8 194°.54 4°.3/20.1 18

11 17	6 25.51	+34 39.3	2.519	3.322	11.4	18.9
11 27	6 19.15	+35 52.3	2.439	3.321	8.9	18.7
12 7	6 10.49	+37 0.3	2.385	3.320	6.3	18.6
12 17	6 0.19	+37 58.2	2.360	3.319	4.5	18.5
12 27	5 49.26	+38 42.2	2.365	3.318	5.0	18.5
1 6	5 38.84	+39 10.9	2.401	3.317	7.2	18.6
1 16	5 29.97	+39 25.4	2.464	3.316	9.9	18.8
1 26	5 23.46	+39 28.8	2.551	3.314	12.3	19.0

324147 2005 YP_{142} 12 20.8 13°.91 0°.3/20.8 17

11 17	6 21.53	+23 22.6	1.829	2.663	13.8	20.9
11 27	6 16.40	+23 37.0	1.758	2.665	10.3	20.7
12 7	6 8.86	+23 51.9	1.709	2.667	6.2	20.5
12 17	5 59.71	+24 5.5	1.688	2.670	1.8	20.2
12 27	5 50.12	+24 16.5	1.695	2.673	2.8	20.3
1 6	5 41.30	+24 24.3	1.731	2.676	7.2	20.6
1 16	5 34.33	+24 29.9	1.793	2.680	11.1	20.8
1 26	5 29.94	+24 34.6	1.878	2.685	14.4	21.0

203898 2003 HH_{12} 12 20.8 232°.58 1°.6/20.7 18

11 17	6 27.08	+26 0.2	2.011	2.830	13.3	20.9
11 27	6 20.62	+26 37.6	1.918	2.817	10.0	20.6
12 7	6 11.52	+27 14.9	1.850	2.804	6.2	20.4
12 17	6 0.51	+27 48.3	1.811	2.790	2.3	20.1
12 27	5 48.74	+28 15.0	1.801	2.776	3.3	20.1
1 6	5 37.54	+28 33.4	1.821	2.761	7.4	20.3
1 16	5 28.13	+28 44.5	1.869	2.746	11.3	20.6
1 26	5 21.43	+28 50.5	1.940	2.729	14.7	20.7

441270 2007 VE_{330} 12 20.8 53°.00 3°.0/20.0 15

11 17	6 34.04	+23 6.8	1.415	2.242	17.5	19.8
11 27	6 25.22	+21 3.1	1.373	2.276	12.9	19.6
12 7	6 13.73	+18 55.6	1.355	2.310	7.9	19.4
12 17	6 0.93	+16 50.3	1.367	2.345	3.5	19.3
12 27	5 48.47	+14 54.8	1.408	2.379	4.8	19.4
1 6	5 37.79	+13 15.7	1.479	2.414	9.3	19.8
1 16	5 29.84	+11 57.1	1.576	2.448	13.3	20.1
1 26	5 25.10	+10 59.1	1.696	2.483	16.6	20.4

374208 2005 EZ_{194} 12 20.8 293°.93 5°.2/20.9 18

11 17	6 24.32	+38 24.1	2.290	3.093	12.4	20.7
11 27	6 18.49	+39 1.0	2.202	3.081	9.9	20.5
12 7	6 10.17	+39 28.5	2.138	3.068	7.3	20.3
12 17	6 0.11	+39 42.1	2.101	3.056	5.4	20.2
12 27	5 49.46	+39 39.0	2.093	3.044	5.7	20.2
1 6	5 39.50	+39 19.3	2.112	3.031	7.9	20.3
1 16	5 31.34	+38 46.1	2.159	3.019	10.7	20.4
1 26	5 25.81	+38 3.9	2.229	3.007	13.4	20.6

368491 2003 TE_{36} 12 20.8 171°.47 3°.5/20.5 17

11 17	6 20.01	+13 41.8	2.360	3.173	11.8	21.3
11 27	6 14.66	+13 3.7	2.283	3.173	9.0	21.1
12 7	6 7.55	+12 30.5	2.230	3.174	6.1	20.9
12 17	5 59.32	+12 3.8	2.206	3.175	3.8	20.8
12 27	5 50.80	+11 45.0	2.212	3.175	4.3	20.8
1 6	5 42.86	+11 34.9	2.247	3.175	6.9	21.0
1 16	5 36.24	+11 33.4	2.309	3.175	9.9	21.2
1 26	5 31.55	+11 39.9	2.396	3.176	12.5	21.4

367240 2007 JE_{18} 12 20.8 61°.03 4°.2/21.3 17

11 17	6 20.54	+ 9 23.0	2.197	3.003	12.8	21.2
11 27	6 15.20	+ 9 31.7	2.121	3.005	10.0	21.0
12 7	6 7.96	+ 9 51.2	2.069	3.007	6.9	20.8
12 17	5 59.46	+10 22.0	2.045	3.010	4.5	20.6
12 27	5 50.57	+11 3.3	2.050	3.012	4.7	20.7
1 6	5 42.25	+11 53.4	2.085	3.015	7.3	20.8
1 16	5 35.33	+12 49.8	2.147	3.017	10.3	21.0
1 26	5 30.45	+13 49.9	2.233	3.020	13.1	21.2

197234 2003 WF_{50} 12 20.8 344°.40 4°.8/20.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 24.17	+36 21.6	2.170	2.980	12.8	19.9
11 27	6 18.37	+37 6.4	2.093	2.978	10.0	19.7
12 7	6 10.08	+37 43.0	2.041	2.977	7.1	19.5
12 17	6 0.09	+38 6.8	2.015	2.975	5.0	19.4
12 27	5 49.55	+38 14.8	2.018	2.974	5.4	19.4
1 6	5 39.77	+38 7.0	2.050	2.973	7.9	19.6
1 16	5 31.85	+37 46.2	2.108	2.972	10.8	19.8
1 26	5 26.59	+37 16.8	2.189	2.971	13.5	19.9

107389 2001 CQ_{44} 12 20.8 335°.49 7°.3/19.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 26.01	+35 36.8	1.424	2.257	17.1	19.1
11 27	6 21.14	+37 9.6	1.350	2.247	13.5	18.9
12 7	6 12.48	+38 36.1	1.297	2.238	9.9	18.7
12 17	6 0.90	+39 46.3	1.269	2.229	7.4	18.5
12 27	5 48.14	+40 32.2	1.267	2.221	8.2	18.5
1 6	5 36.32	+40 51.1	1.290	2.214	11.5	18.7
1 16	5 27.31	+40 46.4	1.336	2.207	15.3	18.9
1 26	5 22.36	+40 25.2	1.401	2.201	18.8	19.1

87006 2000 JU_{53} 12 20.8 123°.46 12°.9/23.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.24	−22 22.1	2.555	3.179	15.5	19.5
11 27	6 16.12	−23 23.8	2.512	3.196	14.4	19.4
12 7	6 8.34	−23 59.7	2.487	3.211	13.6	19.4
12 17	5 59.54	−24 5.5	2.481	3.227	13.0	19.4
12 27	5 50.56	−23 39.2	2.497	3.242	13.0	19.4
1 6	5 42.25	−22 42.5	2.533	3.256	13.3	19.5
1 16	5 35.30	−21 19.5	2.590	3.270	14.0	19.5
1 26	5 30.26	−19 36.2	2.666	3.283	14.9	19.6

141564 2002 GE_{101} 12 20.8 127°.65 1°.4/20.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.12	+26 32.7	1.632	2.457	15.6	20.5
11 27	6 22.92	+26 46.1	1.569	2.471	11.7	20.3
12 7	6 12.82	+26 56.3	1.529	2.485	7.1	20.0
12 17	6 0.85	+27 0.2	1.517	2.497	2.4	19.8
12 27	5 48.49	+26 56.2	1.533	2.509	3.4	19.9
1 6	5 37.30	+26 45.1	1.578	2.521	8.0	20.2
1 16	5 28.51	+26 29.8	1.649	2.532	12.2	20.4
1 26	5 22.89	+26 13.6	1.743	2.542	15.7	20.7

512125 2015 PU_{13} 12 20.8 183°.49 1°.6/20.9 15

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 27.95	+28 9.0	2.247	3.057	12.4	23.2
11 27	6 20.82	+28 21.5	2.164	3.058	9.3	23.0
12 7	6 11.40	+28 30.2	2.107	3.059	5.8	22.8
12 17	6 0.45	+28 32.5	2.079	3.058	2.3	22.6
12 27	5 49.06	+28 27.1	2.082	3.056	3.0	22.6
1 6	5 38.41	+28 14.4	2.115	3.054	6.6	22.9
1 16	5 29.49	+27 56.5	2.177	3.050	10.1	23.1
1 26	5 23.04	+27 36.5	2.263	3.046	13.1	23.3

183191 2002 ST_{71} 12 20.8 24°.49 9°.5/21.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.80	+ 1 55.0	1.396	2.209	18.4	19.6
11 27	6 15.34	+ 1 14.1	1.344	2.219	15.2	19.4
12 7	6 8.29	+ 0 55.2	1.311	2.229	12.0	19.3
12 17	5 59.58	+ 1 2.8	1.301	2.241	9.8	19.2
12 27	5 50.51	+ 1 38.0	1.316	2.253	9.9	19.2
1 6	5 42.42	+ 2 37.9	1.355	2.267	12.0	19.4
1 16	5 36.40	+ 3 56.8	1.416	2.281	15.0	19.6
1 26	5 33.18	+ 5 27.6	1.499	2.296	17.9	19.8

334213 2001 SC_{324} 12 20.8 39°.70 1°.8/20.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 25.95	+27 1.0	1.217	2.067	18.3	20.5
11 27	6 20.49	+27 13.8	1.167	2.082	13.7	20.3
12 7	6 11.60	+27 22.6	1.138	2.097	8.3	20.1
12 17	6 0.52	+27 24.0	1.132	2.113	2.9	19.8
12 27	5 49.08	+27 16.5	1.153	2.130	4.0	19.9
1 6	5 39.13	+27 1.3	1.199	2.147	9.3	20.3
1 16	5 32.07	+26 42.1	1.269	2.165	14.0	20.6
1 26	5 28.65	+26 22.7	1.359	2.184	17.9	20.9

268558 2006 BR_{33} 12 20.8 133°.31 4°.1/21.0 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 24.64	+35 43.3	2.316	3.123	12.2	20.9
11 27	6 18.46	+36 8.1	2.240	3.125	9.5	20.8
12 7	6 10.01	+36 24.4	2.190	3.128	6.6	20.6
12 17	6 0.07	+36 28.8	2.166	3.131	4.3	20.4
12 27	5 49.74	+36 19.4	2.172	3.133	4.6	20.5
1 6	5 40.19	+35 57.1	2.208	3.135	7.1	20.6
1 16	5 32.41	+35 24.8	2.270	3.138	10.0	20.8
1 26	5 27.09	+34 46.7	2.357	3.140	12.6	21.0

217836 2001 KS_{67} 12 20.8 144°.56 18°.2/20.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 26.95	−10 34.4	1.218	1.980	23.4	19.6
11 27	6 21.04	−12 56.6	1.173	1.986	21.1	19.5
12 7	6 11.92	−14 44.9	1.145	1.991	19.3	19.4
12 17	6 0.65	−15 47.2	1.135	1.995	18.3	19.3
12 27	5 48.84	−15 56.4	1.145	1.999	18.5	19.3
1 6	5 38.20	−15 13.6	1.173	2.003	19.8	19.4
1 16	5 30.12	−13 46.9	1.219	2.006	21.7	19.6
1 26	5 25.50	−11 48.5	1.280	2.009	23.8	19.8

347199 2011 HG_{18} 12 20.8 149°.31 2°.0/20.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 25.99	+18 34.5	1.856	2.677	14.2	21.9
11 27	6 19.51	+18 20.3	1.786	2.685	10.6	21.7
12 7	6 10.66	+18 9.2	1.739	2.693	6.6	21.5
12 17	6 0.25	+18 1.3	1.720	2.699	2.6	21.2
12 27	5 49.48	+17 56.5	1.731	2.705	3.5	21.3
1 6	5 39.56	+17 55.4	1.771	2.711	7.5	21.5
1 16	5 31.53	+17 58.3	1.838	2.716	11.4	21.8
1 26	5 26.09	+18 5.5	1.928	2.721	14.6	22.0

214950 2007 WU_{20} 12 20.8 354°.66 3°.3/21.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.65	+12 49.3	1.846	2.665	14.3	20.4
11 27	6 17.17	+13 8.4	1.770	2.665	11.0	20.2
12 7	6 9.35	+13 38.0	1.717	2.665	7.2	19.9
12 17	5 59.92	+14 17.6	1.691	2.665	3.8	19.7
12 27	5 49.97	+15 5.6	1.693	2.664	4.2	19.7
1 6	5 40.69	+15 59.6	1.725	2.664	7.8	20.0
1 16	5 33.11	+16 57.0	1.784	2.664	11.5	20.2
1 26	5 28.02	+17 55.6	1.866	2.664	14.8	20.4

458509 2011 CT_{44} 12 20.8 207°.48 0°.9/20.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.02	+21 12.0	2.446	3.265	11.3	22.1
11 27	6 15.46	+20 57.1	2.363	3.262	8.4	21.9
12 7	6 8.10	+20 42.6	2.305	3.260	5.1	21.7
12 17	5 59.54	+20 28.2	2.276	3.257	1.7	21.5
12 27	5 50.65	+20 14.4	2.278	3.254	2.5	21.5
1 6	5 42.34	+20 1.7	2.309	3.251	5.9	21.7
1 16	5 35.38	+19 51.1	2.369	3.247	9.2	21.9
1 26	5 30.38	+19 43.5	2.454	3.244	12.0	22.1

16402 Olgapopova 12 20.8 71°.55 3°.6/20.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.26	+29 15.8	1.376	2.211	17.5	16.7
11 27	6 23.51	+30 9.3	1.327	2.232	13.1	16.5
12 7	6 13.38	+30 57.7	1.300	2.253	8.3	16.3
12 17	6 1.05	+31 34.9	1.298	2.274	4.1	16.1
12 27	5 48.33	+31 56.6	1.323	2.295	4.9	16.2
1 6	5 37.05	+32 2.8	1.376	2.316	9.2	16.5
1 16	5 28.62	+31 57.2	1.453	2.337	13.4	16.8
1 26	5 23.85	+31 44.9	1.551	2.357	17.0	17.1

333 Badenia 12 20.8 55°.59 1°.9/20.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.97	+28 35.5	2.042	2.867	13.0	14.1
11 27	6 17.21	+28 49.7	1.980	2.881	9.7	13.9
12 7	6 9.23	+28 59.7	1.942	2.896	6.0	13.7
12 17	5 59.86	+29 3.4	1.932	2.911	2.5	13.5
12 27	5 50.22	+28 59.4	1.951	2.926	3.1	13.6
1 6	5 41.44	+28 48.5	1.999	2.941	6.7	13.8
1 16	5 34.45	+28 32.8	2.075	2.956	10.1	14.0
1 26	5 29.92	+28 14.9	2.174	2.972	13.0	14.3

159996 2006 DN_{204} 12 20.8 153°.98 0°.8/20.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.92	+19 16.9	2.774	3.585	10.3	20.0
11 27	6 15.20	+19 36.0	2.695	3.591	7.6	19.9
12 7	6 7.86	+19 57.8	2.644	3.597	4.6	19.7
12 17	5 59.48	+20 21.4	2.621	3.602	1.5	19.5
12 27	5 50.79	+20 45.6	2.630	3.607	2.2	19.5
1 6	5 42.57	+21 9.7	2.671	3.611	5.3	19.8
1 16	5 35.54	+21 33.3	2.740	3.616	8.2	20.0
1 26	5 30.24	+21 56.4	2.836	3.620	10.7	20.1

84121 2002 RE_{28} 12 20.8 88°.13 4°.5/20.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.94	+12 4.3	1.863	2.680	14.3	19.5
11 27	6 17.10	+11 30.4	1.803	2.694	11.0	19.3
12 7	6 9.14	+11 4.9	1.766	2.709	7.5	19.1
12 17	5 59.84	+10 49.6	1.757	2.723	4.8	19.0
12 27	5 50.29	+10 45.6	1.775	2.738	5.3	19.1
1 6	5 41.58	+10 52.8	1.823	2.752	8.2	19.3
1 16	5 34.62	+11 10.0	1.896	2.766	11.5	19.5
1 26	5 30.04	+11 35.6	1.992	2.780	14.4	19.7

247561 2002 SZ_{11} 12 20.8 176°.18 5°.1/20.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.23	+ 8 17.4	2.316	3.112	12.5	21.1
11 27	6 16.32	+ 7 43.0	2.239	3.114	9.9	21.0
12 7	6 8.61	+ 7 17.6	2.187	3.116	7.2	20.8
12 17	5 59.70	+ 7 3.4	2.163	3.117	5.3	20.7
12 27	5 50.47	+ 7 1.6	2.168	3.118	5.6	20.7
1 6	5 41.82	+ 7 12.1	2.203	3.118	7.9	20.8
1 16	5 34.53	+ 7 33.9	2.264	3.117	10.6	21.0
1 26	5 29.22	+ 8 5.0	2.350	3.116	13.1	21.2

75368 1999 XW_{82} 12 20.8 301°.54 0°.1/20.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 23.75	+24 48.2	1.659	2.494	15.0	18.9
11 27	6 18.47	+24 24.0	1.569	2.477	11.2	18.6
12 7	6 10.38	+23 56.2	1.501	2.459	6.9	18.3
12 17	6 0.29	+23 24.0	1.460	2.442	2.0	18.0
12 27	5 49.49	+22 48.0	1.447	2.425	3.2	18.0
1 6	5 39.48	+22 10.3	1.462	2.409	8.2	18.3
1 16	5 31.52	+21 34.3	1.503	2.392	12.7	18.5
1 26	5 26.53	+21 3.0	1.566	2.376	16.7	18.7

436165 2009 VZ_{62} 12 20.8 87°.95 0°.8/20.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 27.58	+22 17.0	1.512	2.346	16.2	21.3
11 27	6 21.04	+22 2.1	1.455	2.362	12.1	21.1
12 7	6 11.68	+21 47.4	1.421	2.379	7.2	20.9
12 17	6 0.57	+21 32.0	1.413	2.395	2.2	20.6
12 27	5 49.19	+21 16.2	1.433	2.411	3.3	20.7
1 6	5 39.02	+21 1.3	1.482	2.427	8.2	21.1
1 16	5 31.22	+20 49.0	1.555	2.442	12.5	21.3
1 26	5 26.52	+20 40.9	1.651	2.458	16.1	21.6

494059 2016 BC_{54} 12 20.8 339°.18 4°.0/20.9 17

11 17	6 18.94	+12 44.5	1.845	2.671	14.1	21.0
11 27	6 14.46	+12 33.6	1.765	2.663	10.8	20.7
12 7	6 7.75	+12 31.5	1.707	2.655	7.3	20.5
12 17	5 59.51	+12 39.5	1.676	2.647	4.3	20.3
12 27	5 50.76	+12 57.7	1.673	2.640	4.8	20.3
1 6	5 42.62	+13 25.3	1.697	2.634	8.1	20.5
1 16	5 36.09	+14 0.8	1.747	2.628	11.7	20.7
1 26	5 31.93	+14 42.1	1.820	2.623	15.0	20.9

234240 2000 SH_{316} 12 20.8 81°.74 4°.8/21.6 18

11 17	6 32.21	+36 54.7	1.610	2.424	16.3	19.8
11 27	6 24.56	+36 50.0	1.552	2.441	12.6	19.6
12 7	6 13.79	+36 30.7	1.516	2.458	8.6	19.4
12 17	6 1.14	+35 52.9	1.507	2.475	5.3	19.3
12 27	5 48.37	+34 56.4	1.526	2.491	5.4	19.3
1 6	5 37.15	+33 45.9	1.573	2.508	8.7	19.6
1 16	5 28.72	+32 28.3	1.646	2.525	12.5	19.8
1 26	5 23.74	+31 11.0	1.742	2.541	15.7	20.1

460492 2014 SX_{309} 12 20.8 344°.90 4°.0/20.6 18

11 17	6 23.40	+33 15.6	2.171	2.987	12.6	20.6
11 27	6 17.79	+34 5.3	2.093	2.985	9.7	20.4
12 7	6 9.78	+34 49.5	2.040	2.983	6.6	20.2
12 17	6 0.09	+35 23.7	2.014	2.981	4.2	20.1
12 27	5 49.84	+35 44.8	2.017	2.980	4.7	20.1
1 6	5 40.27	+35 52.2	2.049	2.979	7.5	20.3
1 16	5 32.44	+35 47.8	2.108	2.977	10.5	20.5
1 26	5 27.17	+35 35.0	2.190	2.976	13.3	20.6

45731 2000 GM_{124} 12 20.8 165°.62 1°.5/20.7 18

11 17	6 25.29	+26 18.4	2.378	3.191	11.7	19.2
11 27	6 18.80	+26 57.3	2.300	3.196	8.7	19.0
12 7	6 10.21	+27 35.1	2.248	3.200	5.4	18.8
12 17	6 0.19	+28 9.0	2.224	3.204	2.1	18.6
12 27	5 49.71	+28 36.4	2.232	3.207	2.8	18.7
1 6	5 39.85	+28 56.6	2.271	3.209	6.2	18.9
1 16	5 31.51	+29 10.1	2.338	3.211	9.5	19.1
1 26	5 25.42	+29 18.8	2.430	3.213	12.3	19.3

269855 2000 DK_{108} 12 20.8 158°.28 17°.7/24.0 17

11 17	6 27.53	−14 10.5	1.273	2.012	23.7	20.6
11 27	6 21.48	−15 22.1	1.220	2.015	21.5	20.4
12 7	6 12.24	−15 55.1	1.181	2.018	19.4	20.3
12 17	6 0.81	−15 39.5	1.160	2.020	18.0	20.2
12 27	5 48.77	−14 30.8	1.160	2.022	17.7	20.2
1 6	5 37.84	−12 33.2	1.179	2.024	18.7	20.2
1 16	5 29.42	− 9 57.4	1.219	2.025	20.7	20.4
1 26	5 24.43	− 6 57.6	1.277	2.026	22.9	20.6

271554 2004 JC_{30} 12 20.8 201°.81 0°.3/20.8 18

11 17	6 26.91	+23 27.1	1.898	2.720	13.9	21.5
11 27	6 20.45	+23 42.0	1.815	2.716	10.4	21.2
12 7	6 11.40	+23 57.3	1.757	2.712	6.3	21.0
12 17	6 0.56	+24 10.7	1.726	2.707	1.8	20.7
12 27	5 49.13	+24 20.5	1.725	2.702	2.9	20.7
1 6	5 38.44	+24 26.5	1.753	2.696	7.3	21.0
1 16	5 29.63	+24 29.6	1.809	2.690	11.4	21.2
1 26	5 23.56	+24 31.7	1.888	2.683	14.8	21.5

327583 2006 DT_{135} 12 20.8 169°.13 0°.9/20.9 17

11 17	6 22.04	+26 13.4	2.511	3.328	11.1	22.2
11 27	6 16.25	+26 22.9	2.431	3.330	8.2	22.0
12 7	6 8.59	+26 30.3	2.377	3.331	5.0	21.8
12 17	5 59.72	+26 34.2	2.352	3.333	1.7	21.6
12 27	5 50.51	+26 33.5	2.358	3.334	2.4	21.6
1 6	5 41.89	+26 28.6	2.394	3.335	5.8	21.9
1 16	5 34.67	+26 20.6	2.458	3.336	8.9	22.1
1 26	5 29.47	+26 11.2	2.548	3.337	11.6	22.3

189442 1998 SP_{93} 12 20.8 103°.73 4°.5/20.9 17

11 17	6 25.40	+36 17.2	2.278	3.084	12.4	20.1
11 27	6 19.10	+36 54.8	2.208	3.091	9.7	19.9
12 7	6 10.45	+37 23.9	2.163	3.099	6.8	19.7
12 17	6 0.26	+37 40.3	2.146	3.106	4.7	19.6
12 27	5 49.67	+37 41.7	2.157	3.114	5.0	19.7
1 6	5 39.89	+37 28.8	2.198	3.121	7.4	19.8
1 16	5 31.94	+37 4.2	2.265	3.129	10.2	20.0
1 26	5 26.53	+36 32.3	2.356	3.136	12.7	20.2

285041 2011 FC_5 12 20.8 143°.86 1°.3/20.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 20.07	+17 57.8	2.689	3.502	10.5	20.8
11 27	6 14.60	+18 5.4	2.613	3.508	7.8	20.7
12 7	6 7.53	+18 16.3	2.562	3.514	4.8	20.5
12 17	5 59.42	+18 29.9	2.540	3.519	1.9	20.3
12 27	5 51.01	+18 45.7	2.550	3.525	2.5	20.3
1 6	5 43.11	+19 3.2	2.590	3.529	5.5	20.5
1 16	5 36.41	+19 22.0	2.658	3.534	8.4	20.7
1 26	5 31.45	+19 42.0	2.753	3.539	10.9	20.9

373033 2011 EO_{25} 12 20.8 264°.94 3°.7/20.9 18

11 17	6 19.13	+11 28.8	2.402	3.211	11.8	20.7
11 27	6 14.10	+11 17.4	2.319	3.206	9.1	20.5
12 7	6 7.32	+11 13.7	2.260	3.201	6.2	20.3
12 17	5 59.38	+11 18.4	2.230	3.196	4.0	20.1
12 27	5 51.07	+11 32.0	2.229	3.192	4.3	20.1
1 6	5 43.24	+11 53.8	2.257	3.187	6.9	20.3
1 16	5 36.67	+12 22.9	2.313	3.182	9.8	20.5
1 26	5 31.96	+12 57.7	2.393	3.177	12.4	20.6

520465 2014 KP_{108} 12 20.8 162°.15 1°.3/20.8 18

11 17	6 25.30	+25 56.9	1.997	2.819	13.3	22.1
11 27	6 19.12	+26 23.2	1.921	2.822	9.9	21.9
12 7	6 10.53	+26 48.3	1.870	2.825	6.1	21.7
12 17	6 0.31	+27 9.2	1.847	2.827	2.1	21.4
12 27	5 49.60	+27 23.9	1.853	2.829	3.0	21.5
1 6	5 39.64	+27 31.9	1.889	2.831	7.0	21.8
1 16	5 31.50	+27 34.4	1.952	2.833	10.7	22.0
1 26	5 25.95	+27 33.7	2.039	2.834	13.9	22.2

410131 2007 GS_{52} 12 20.8 91°.87 7°.6/20.6 18

11 17	6 20.93	− 2 36.2	2.733	3.481	12.0	21.6
11 27	6 14.93	− 3 44.7	2.689	3.511	10.2	21.5
12 7	6 7.56	− 4 39.0	2.669	3.540	8.6	21.5
12 17	5 59.40	− 5 15.9	2.676	3.568	7.7	21.4
12 27	5 51.14	− 5 33.6	2.710	3.596	7.8	21.5
1 6	5 43.50	− 5 32.6	2.772	3.624	8.9	21.6
1 16	5 37.05	− 5 14.6	2.860	3.650	10.4	21.8
1 26	5 32.24	− 4 42.7	2.970	3.677	11.9	21.9

324849 2007 LN_6 12 20.8 199°.25 3°.8/20.6 18

11 17	6 19.96	+12 3.1	2.430	3.238	11.7	20.5
11 27	6 14.65	+11 31.6	2.349	3.236	9.0	20.3
12 7	6 7.62	+11 6.2	2.294	3.234	6.2	20.1
12 17	5 59.47	+10 48.5	2.267	3.232	4.1	20.0
12 27	5 51.00	+10 39.5	2.270	3.230	4.5	20.0
1 6	5 43.06	+10 39.7	2.302	3.228	7.0	20.2
1 16	5 36.39	+10 48.6	2.362	3.225	9.8	20.3
1 26	5 31.57	+11 5.2	2.445	3.223	12.4	20.5

442299 2011 SR_{45} 12 20.8 167°.87 0°.3/20.8 18

11 17	6 25.31	+22 55.8	2.001	2.823	13.3	22.3
11 27	6 19.00	+22 49.2	1.925	2.826	9.9	22.1
12 7	6 10.39	+22 42.1	1.873	2.829	6.0	21.9
12 17	6 0.27	+22 33.5	1.850	2.831	1.7	21.6
12 27	5 49.75	+22 23.2	1.856	2.833	2.7	21.7
1 6	5 40.01	+22 11.9	1.892	2.835	6.9	22.0
1 16	5 32.06	+22 0.9	1.955	2.836	10.7	22.2
1 26	5 26.60	+21 52.0	2.042	2.837	13.9	22.4

9735 1986 JD 12 20.8 188°.85 1°.2/20.9 18

11 17	6 26.58	+18 51.0	1.935	2.753	13.8	18.1
11 27	6 20.09	+19 9.0	1.854	2.753	10.4	17.9
12 7	6 11.15	+19 31.5	1.798	2.751	6.4	17.7
12 17	6 0.51	+19 57.0	1.769	2.750	2.1	17.4
12 27	5 49.32	+20 23.8	1.771	2.747	3.0	17.4
1 6	5 38.81	+20 50.6	1.802	2.744	7.3	17.7
1 16	5 30.09	+21 17.1	1.861	2.740	11.2	17.9
1 26	5 23.95	+21 43.4	1.944	2.736	14.6	18.1

224075 2005 NP_{55} 12 20.8 167°.98 3°.0/20.8 18

11 17	6 29.81	+29 53.3	1.816	2.634	14.6	21.2
11 27	6 22.78	+30 29.1	1.742	2.638	11.0	21.0
12 7	6 12.89	+31 0.3	1.692	2.642	7.1	20.8
12 17	6 1.02	+31 22.2	1.669	2.645	3.5	20.6
12 27	5 48.57	+31 31.9	1.676	2.648	4.2	20.6
1 6	5 37.07	+31 29.2	1.712	2.649	8.0	20.8
1 16	5 27.77	+31 16.9	1.775	2.650	11.9	21.1
1 26	5 21.54	+30 59.3	1.860	2.651	15.2	21.3

459373 2012 JE_{35} 12 20.8 144°.86 3°.3/20.7 17

11 17	6 24.02	+32 43.3	2.466	3.275	11.5	21.4
11 27	6 17.93	+33 25.4	2.390	3.279	8.8	21.3
12 7	6 9.72	+34 2.2	2.340	3.283	5.9	21.1
12 17	6 0.10	+34 30.3	2.318	3.287	3.6	21.0
12 27	5 50.03	+34 47.1	2.326	3.290	4.0	21.0
1 6	5 40.60	+34 52.3	2.365	3.294	6.6	21.2
1 16	5 32.73	+34 47.7	2.431	3.297	9.4	21.3
1 26	5 27.12	+34 36.1	2.521	3.300	12.0	21.5

443913 2002 *PO* 12 20.8 109°.38 2°.2/20.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 25.01	+16 57.8	2.104	2.918	13.0	22.1
11 27	6 18.44	+16 47.6	2.044	2.939	9.7	21.9
12 7	6 9.87	+16 41.7	2.010	2.960	6.1	21.7
12 17	6 0.10	+16 39.9	2.003	2.981	2.7	21.6
12 27	5 50.12	+16 42.3	2.027	3.000	3.3	21.6
1 6	5 40.96	+16 48.7	2.082	3.019	6.8	21.9
1 16	5 33.48	+16 59.0	2.163	3.038	10.1	22.1
1 26	5 28.25	+17 13.0	2.269	3.056	12.9	22.4

454323 2014 KK_{45} 12 20.8 154°.20 5°.4/22.4 16

11 17	6 34.69	+ 5 16.8	1.102	1.917	22.2	20.5
11 27	6 27.69	+ 6 46.8	1.031	1.920	17.5	20.2
12 7	6 16.54	+ 8 51.8	0.979	1.922	12.0	19.9
12 17	6 2.21	+11 28.9	0.952	1.923	6.6	19.6
12 27	5 46.58	+14 27.1	0.953	1.925	6.3	19.6
1 6	5 32.00	+17 30.8	0.982	1.926	11.5	19.9
1 16	5 20.47	+20 26.0	1.038	1.927	17.1	20.2
1 26	5 13.33	+23 5.0	1.115	1.928	21.8	20.5

217857 2001 QW_{90} 12 20.8 210°.50 13°.7/17.7 18

11 17	6 29.09	+ 2 47.6	1.188	2.000	21.1	19.8
11 27	6 22.80	− 0 5.5	1.128	1.998	17.8	19.6
12 7	6 13.12	− 2 44.0	1.089	1.996	15.0	19.4
12 17	6 1.12	− 4 53.9	1.073	1.993	13.7	19.3
12 27	5 48.47	− 6 23.5	1.081	1.990	14.7	19.4
1 6	5 36.98	− 7 8.1	1.111	1.986	17.4	19.5
1 16	5 28.15	− 7 10.1	1.160	1.982	20.5	19.7
1 26	5 22.92	− 6 37.7	1.226	1.978	23.5	19.9

223851 2004 TO_{203} 12 20.8 98°.59 0°.1/20.9 18

11 17	6 23.41	+23 44.0	2.376	3.192	11.6	21.2
11 27	6 17.16	+23 45.5	2.315	3.213	8.6	21.0
12 7	6 9.07	+23 46.1	2.279	3.234	5.1	20.9
12 17	5 59.87	+23 44.9	2.272	3.254	1.4	20.6
12 27	5 50.49	+23 41.4	2.296	3.274	2.3	20.7
1 6	5 41.85	+23 35.9	2.351	3.293	5.8	21.0
1 16	5 34.73	+23 29.6	2.434	3.312	8.9	21.2
1 26	5 29.69	+23 23.7	2.542	3.331	11.6	21.4

280843 2005 UT_{168} 12 20.8 256°.98 0°.8/20.9 18

11 17	6 26.27	+25 3.2	1.666	2.496	15.1	21.3
11 27	6 20.42	+25 14.7	1.579	2.484	11.4	21.1
12 7	6 11.63	+25 25.2	1.516	2.472	7.0	20.8
12 17	6 0.71	+25 32.0	1.479	2.460	2.1	20.5
12 27	5 49.03	+25 33.3	1.470	2.447	3.3	20.5
1 6	5 38.12	+25 29.1	1.490	2.435	8.2	20.8
1 16	5 29.33	+25 21.2	1.535	2.421	12.7	21.0
1 26	5 23.62	+25 12.4	1.603	2.408	16.6	21.2

270077 2001 *QS* 12 20.9 107°.41 2°.9/21.1 18

11 17	6 29.66	+30 47.5	1.628	2.453	15.7	21.0
11 27	6 22.70	+30 57.2	1.566	2.466	11.8	20.8
12 7	6 12.78	+30 59.3	1.527	2.478	7.5	20.5
12 17	6 0.96	+30 50.3	1.514	2.491	3.5	20.3
12 27	5 48.80	+30 28.9	1.530	2.503	4.1	20.4
1 6	5 37.88	+29 57.2	1.573	2.515	8.2	20.7
1 16	5 29.44	+29 19.3	1.643	2.526	12.2	20.9
1 26	5 24.24	+28 40.4	1.736	2.537	15.7	21.2

342021 2008 RM_{93} 12 20.9 108°.84 1°.6/20.9 18

11 17	6 28.45	+27 7.0	1.754	2.577	14.8	21.6
11 27	6 21.55	+27 23.7	1.693	2.594	11.0	21.4
12 7	6 11.99	+27 36.8	1.656	2.610	6.7	21.2
12 17	6 0.74	+27 43.6	1.646	2.626	2.4	20.9
12 27	5 49.16	+27 42.4	1.665	2.641	3.3	21.0
1 6	5 38.66	+27 33.9	1.713	2.656	7.5	21.3
1 16	5 30.37	+27 20.5	1.788	2.670	11.4	21.6
1 26	5 25.00	+27 5.5	1.886	2.684	14.7	21.8

336116 2008 KB_9 12 20.9 238°.10 1°.7/20.8 18

11 17	6 26.10	+19 52.1	1.665	2.493	15.2	21.8
11 27	6 20.13	+19 37.8	1.580	2.484	11.5	21.6
12 7	6 11.37	+19 25.7	1.519	2.474	7.1	21.3
12 17	6 0.64	+19 15.5	1.484	2.464	2.6	21.0
12 27	5 49.22	+19 7.4	1.477	2.453	3.6	21.0
1 6	5 38.59	+19 1.9	1.499	2.442	8.3	21.3
1 16	5 29.99	+19 0.0	1.547	2.431	12.8	21.5
1 26	5 24.33	+19 2.8	1.617	2.419	16.6	21.8

473362 2015 TE_{282} 12 20.9 93°.03 2°.1/20.9 18

11 17	6 25.65	+28 54.6	1.858	2.683	14.0	21.5
11 27	6 19.48	+29 7.1	1.790	2.691	10.5	21.3
12 7	6 10.77	+29 14.7	1.746	2.699	6.6	21.1
12 17	6 0.41	+29 14.8	1.729	2.707	2.7	20.8
12 27	5 49.67	+29 6.0	1.741	2.716	3.4	20.9
1 6	5 39.87	+28 49.1	1.782	2.724	7.3	21.2
1 16	5 32.11	+28 27.0	1.849	2.732	11.1	21.4
1 26	5 27.12	+28 3.0	1.940	2.739	14.3	21.6

298572 2003 YV_7 12 20.9 2°.58 1°.2/20.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 18.23	+27 43.0	1.052	1.921	19.1	19.0
11 27	6 15.36	+27 19.1	0.993	1.918	14.3	18.7
12 7	6 8.88	+26 47.6	0.954	1.917	8.8	18.4
12 17	5 59.95	+26 7.6	0.936	1.918	2.8	18.1
12 27	5 50.45	+25 20.3	0.943	1.922	4.0	18.2
1 6	5 42.35	+24 30.1	0.973	1.928	9.9	18.5
1 16	5 37.14	+23 42.0	1.025	1.935	15.2	18.8
1 26	5 35.68	+23 0.2	1.095	1.945	19.6	19.1

39597 1993 RP_6 12 20.9 121°.45 2°.3/20.9 18

11 17	6 29.18	+28 17.9	1.441	2.275	16.9	18.7
11 27	6 22.77	+28 34.2	1.375	2.281	12.7	18.4
12 7	6 13.05	+28 45.7	1.331	2.286	7.9	18.2
12 17	6 1.11	+28 48.4	1.312	2.291	3.2	17.9
12 27	5 48.61	+28 40.1	1.321	2.297	4.0	18.0
1 6	5 37.33	+28 22.1	1.357	2.302	8.9	18.3
1 16	5 28.72	+27 58.0	1.418	2.306	13.4	18.6
1 26	5 23.63	+27 32.4	1.501	2.311	17.3	18.8

268669 Bunun 12 20.9 294°.53 5°.4/20.6 18

11 17	6 19.43	+ 8 52.7	2.133	2.941	13.1	20.8
11 27	6 14.62	+ 8 17.1	2.040	2.922	10.4	20.5
12 7	6 7.82	+ 7 50.4	1.970	2.903	7.6	20.3
12 17	5 59.62	+ 7 35.2	1.928	2.885	5.6	20.2
12 27	5 50.89	+ 7 33.2	1.913	2.866	6.0	20.2
1 6	5 42.61	+ 7 44.9	1.927	2.848	8.5	20.3
1 16	5 35.70	+ 8 9.3	1.967	2.829	11.5	20.4
1 26	5 30.86	+ 8 44.2	2.030	2.811	14.4	20.6

144438 2004 EA_{35} 12 20.9 249°.38 3°.3/20.8 18

11 17	6 29.16	+30 31.4	1.836	2.654	14.4	21.3
11 27	6 22.64	+31 7.0	1.740	2.636	11.1	21.0
12 7	6 13.05	+31 38.4	1.668	2.617	7.2	20.7
12 17	6 1.18	+32 0.7	1.623	2.598	3.7	20.5
12 27	5 48.36	+32 10.0	1.607	2.578	4.5	20.5
1 6	5 36.20	+32 5.8	1.620	2.557	8.4	20.7
1 16	5 26.13	+31 50.4	1.660	2.536	12.5	20.9
1 26	5 19.21	+31 28.6	1.722	2.514	16.2	21.1

267813 2003 TZ_{19} 12 20.9 304°.39 3°.5/21.1 18

11 17	6 23.79	+33 50.7	2.173	2.988	12.6	20.4
11 27	6 18.02	+34 2.7	2.090	2.981	9.7	20.2
12 7	6 9.90	+34 6.7	2.030	2.975	6.5	20.0
12 17	6 0.19	+33 59.8	1.998	2.969	3.8	19.8
12 27	5 50.04	+33 40.5	1.996	2.963	4.2	19.8
1 6	5 40.63	+33 9.9	2.022	2.957	7.1	20.0
1 16	5 33.02	+32 31.0	2.075	2.951	10.4	20.2
1 26	5 27.93	+31 48.1	2.153	2.946	13.3	20.4

182750 2001 XK_{124} 12 20.9 76°.96 1°.6/20.8 18

11 17	6 22.98	+19 33.9	1.905	2.731	13.7	20.4
11 27	6 17.26	+19 21.5	1.840	2.743	10.2	20.2
12 7	6 9.33	+19 11.5	1.799	2.754	6.2	20.0
12 17	6 0.01	+19 3.8	1.785	2.765	2.3	19.7
12 27	5 50.38	+18 58.6	1.801	2.777	3.1	19.8
1 6	5 41.59	+18 56.2	1.845	2.788	7.1	20.1
1 16	5 34.56	+18 57.0	1.917	2.799	10.8	20.3
1 26	5 29.97	+19 1.6	2.011	2.811	13.9	20.6

162308 1999 VL_{225} 12 20.9 18°.98 4°.1/21.1 18

11 17	6 19.31	+15 0.8	1.053	1.915	19.6	19.3
11 27	6 15.72	+14 48.6	1.009	1.927	14.9	19.1
12 7	6 8.87	+14 48.2	0.983	1.941	9.6	18.8
12 17	5 59.92	+15 0.3	0.980	1.957	4.8	18.6
12 27	5 50.57	+15 24.4	1.000	1.975	5.5	18.7
1 6	5 42.59	+15 58.0	1.045	1.994	10.2	19.0
1 16	5 37.27	+16 38.5	1.111	2.014	15.0	19.4
1 26	5 35.39	+17 22.8	1.197	2.037	18.9	19.7

43882 Maurivicoli 12 20.9 282°.10 0°.7/20.9 18

11 17	6 24.74	+20 9.2	1.590	2.424	15.6	19.4
11 27	6 19.31	+20 33.0	1.508	2.415	11.7	19.1
12 7	6 10.99	+21 2.0	1.449	2.407	7.1	18.8
12 17	6 0.57	+21 34.0	1.417	2.398	2.2	18.5
12 27	5 49.38	+22 6.5	1.412	2.390	3.3	18.6
1 6	5 38.93	+22 37.6	1.436	2.382	8.3	18.8
1 16	5 30.56	+23 6.7	1.485	2.374	12.9	19.1
1 26	5 25.24	+23 34.4	1.556	2.365	16.8	19.3

23439 1986 *PP* 12 20.9 64°.94 1°.1/20.9 18

11 17	6 26.28	+20 18.2	1.558	2.390	15.9	18.4
11 27	6 19.95	+20 23.7	1.509	2.415	11.8	18.2
12 7	6 11.01	+20 32.3	1.483	2.440	7.1	18.0
12 17	6 0.47	+20 42.5	1.484	2.465	2.2	17.8
12 27	5 49.72	+20 53.1	1.513	2.490	3.2	17.9
1 6	5 40.16	+21 3.9	1.570	2.515	7.8	18.2
1 16	5 32.83	+21 15.1	1.653	2.540	11.9	18.5
1 26	5 28.42	+21 27.6	1.758	2.565	15.3	18.8

174378 2002 UJ_{49} 12 20.9 31.°57 1.°1/21.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 23.85	+17 24.0	1.397	2.238	16.9	19.6
11 27	6 18.64	+18 17.8	1.342	2.251	12.6	19.3
12 7	6 10.51	+19 21.2	1.308	2.266	7.7	19.1
12 17	6 0.41	+20 30.2	1.299	2.281	2.5	18.8
12 27	5 49.80	+21 40.0	1.319	2.297	3.4	18.9
1 6	5 40.25	+22 46.6	1.365	2.314	8.4	19.3
1 16	5 33.02	+23 47.5	1.437	2.331	12.9	19.6
1 26	5 28.95	+24 42.2	1.531	2.349	16.6	19.9

15832 1995 CB_{1} 12 20.9 49.°00 1.°4/20.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 25.49	+18 20.9	1.319	2.161	17.6	17.3
11 27	6 19.93	+18 47.4	1.265	2.176	13.2	17.1
12 7	6 11.28	+19 21.3	1.233	2.191	8.0	16.8
12 17	6 0.62	+20 0.0	1.226	2.207	2.7	16.5
12 27	5 49.51	+20 40.4	1.246	2.223	3.7	16.7
1 6	5 39.61	+21 20.1	1.292	2.240	8.8	17.0
1 16	5 32.22	+21 57.9	1.363	2.257	13.4	17.3
1 26	5 28.15	+22 33.8	1.455	2.274	17.3	17.6

422658 1998 KC_{11} 12 20.9 198.°90 3.°7/20.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 26.09	+13 29.4	1.826	2.641	14.7	21.7
11 27	6 19.81	+13 18.3	1.745	2.638	11.3	21.5
12 7	6 11.04	+13 15.3	1.688	2.634	7.5	21.3
12 17	6 0.57	+13 21.0	1.658	2.630	4.2	21.1
12 27	5 49.54	+13 35.7	1.657	2.625	4.7	21.1
1 6	5 39.21	+13 58.5	1.685	2.620	8.3	21.3
1 16	5 30.69	+14 28.3	1.739	2.614	12.1	21.5
1 26	5 24.79	+15 3.7	1.817	2.607	15.5	21.7

38572 1999 VU_{223} 12 20.9 138.°23 3.°2/21.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.93	+12 26.6	2.354	3.162	12.0	19.0
11 27	6 15.44	+12 26.3	2.279	3.168	9.2	18.8
12 7	6 8.16	+12 33.5	2.229	3.173	6.1	18.6
12 17	5 59.71	+12 48.6	2.207	3.178	3.6	18.5
12 27	5 50.93	+13 11.1	2.216	3.182	3.9	18.5
1 6	5 42.72	+13 40.2	2.254	3.187	6.6	18.7
1 16	5 35.83	+14 14.5	2.320	3.191	9.6	18.9
1 26	5 30.89	+14 52.6	2.410	3.195	12.3	19.1

257811 2000 FZ_{18} 12 20.9 280.°39 3.°9/21.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.22	+12 11.2	1.857	2.675	14.3	20.0
11 27	6 16.98	+12 12.3	1.772	2.665	11.1	19.8
12 7	6 9.39	+12 23.5	1.710	2.655	7.4	19.5
12 17	6 0.12	+12 45.4	1.674	2.645	4.3	19.3
12 27	5 50.25	+13 17.7	1.667	2.635	4.7	19.3
1 6	5 40.95	+13 58.7	1.688	2.625	8.2	19.5
1 16	5 33.31	+14 46.3	1.736	2.615	11.9	19.7
1 26	5 28.13	+15 38.5	1.807	2.605	15.3	19.9

292119 2006 RX_{63} 12 20.9 125.°51 4.°3/20.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.81	+11 17.3	2.041	2.850	13.5	21.0
11 27	6 16.99	+10 54.7	1.973	2.860	10.4	20.8
12 7	6 9.15	+10 40.7	1.929	2.869	7.2	20.6
12 17	6 0.01	+10 36.7	1.912	2.878	4.6	20.5
12 27	5 50.57	+10 43.2	1.925	2.887	5.0	20.5
1 6	5 41.84	+10 59.8	1.967	2.895	7.8	20.7
1 16	5 34.68	+11 25.2	2.035	2.903	10.9	20.9
1 26	5 29.75	+11 57.7	2.127	2.911	13.8	21.1

370355 2002 RV_{278} 12 20.9 216.°72 2.°6/20.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.11	+15 37.0	2.598	3.409	10.9	21.1
11 27	6 14.74	+15 8.8	2.512	3.404	8.3	20.9
12 7	6 7.72	+14 44.0	2.452	3.399	5.4	20.7
12 17	5 59.61	+14 23.6	2.421	3.394	2.9	20.6
12 27	5 51.19	+14 8.4	2.421	3.389	3.4	20.6
1 6	5 43.25	+13 59.2	2.450	3.383	6.2	20.8
1 16	5 36.52	+13 56.1	2.508	3.377	9.1	20.9
1 26	5 31.57	+13 59.0	2.590	3.371	11.7	21.1

192947 2000 AR_{250} 12 20.9 305.°77 0.°3/20.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.98	+22 28.1	2.079	2.906	12.6	20.9
11 27	6 15.93	+22 28.0	1.990	2.894	9.4	20.6
12 7	6 8.70	+22 28.3	1.926	2.883	5.7	20.4
12 17	5 59.95	+22 28.1	1.889	2.871	1.7	20.1
12 27	5 50.68	+22 27.0	1.882	2.860	2.6	20.1
1 6	5 41.99	+22 25.0	1.904	2.849	6.7	20.4
1 16	5 34.86	+22 23.0	1.953	2.838	10.5	20.6
1 26	5 30.04	+22 22.2	2.025	2.827	13.7	20.8

332210 2006 FG_{12} 12 20.9 226.°73 3.°6/20.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.49	+10 24.9	2.979	3.774	10.1	22.2
11 27	6 14.13	+10 4.3	2.885	3.762	7.8	22.0
12 7	6 7.31	+ 9 49.8	2.816	3.750	5.5	21.9
12 17	5 59.51	+ 9 42.6	2.776	3.737	3.8	21.7
12 27	5 51.38	+ 9 43.3	2.766	3.723	4.1	21.7
1 6	5 43.59	+ 9 52.1	2.788	3.709	6.1	21.8
1 16	5 36.80	+10 8.4	2.838	3.694	8.6	22.0
1 26	5 31.53	+10 31.3	2.913	3.679	10.8	22.1

150726 2001 QL_{36} 12 20.9 97.°05 1.°2/20.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 29.57	+26 29.7	1.625	2.451	15.6	20.9
11 27	6 22.49	+26 36.9	1.569	2.472	11.6	20.7
12 7	6 12.62	+26 40.7	1.537	2.492	7.0	20.4
12 17	6 1.02	+26 38.4	1.531	2.512	2.3	20.2
12 27	5 49.16	+26 29.0	1.554	2.531	3.3	20.3
1 6	5 38.54	+26 13.8	1.606	2.550	7.8	20.6
1 16	5 30.29	+25 55.5	1.684	2.569	11.9	20.9
1 26	5 25.13	+25 37.2	1.785	2.587	15.3	21.2

367836 2011 BB_{81} 12 20.9 58.°53 3.°5/21.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 25.74	+34 59.7	2.159	2.969	12.9	20.6
11 27	6 19.36	+34 54.9	2.084	2.972	9.9	20.4
12 7	6 10.65	+34 40.3	2.032	2.975	6.6	20.2
12 17	6 0.46	+34 13.2	2.008	2.978	3.9	20.0
12 27	5 49.98	+33 33.3	2.013	2.981	4.1	20.1
1 6	5 40.41	+32 42.6	2.048	2.984	7.0	20.2
1 16	5 32.74	+31 45.4	2.111	2.987	10.2	20.5
1 26	5 27.65	+30 46.2	2.198	2.990	13.1	20.7

46244 2001 HU_{15} 12 20.9 61.°06 3.°4/21.6 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 23.04	+10 24.0	2.117	2.922	13.3	17.5
11 27	6 17.12	+11 0.5	2.053	2.938	10.2	17.4
12 7	6 9.23	+11 48.3	2.013	2.955	6.8	17.2
12 17	6 0.07	+12 46.3	2.002	2.972	3.8	17.0
12 27	5 50.59	+13 52.0	2.021	2.989	4.0	17.1
1 6	5 41.78	+15 2.5	2.070	3.006	6.9	17.3
1 16	5 34.50	+16 14.6	2.148	3.024	10.1	17.5
1 26	5 29.38	+17 26.1	2.251	3.041	12.9	17.7

183267 2002 TW_{225} 12 20.9 114.°73 3.°8/20.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 27.60	+14 0.3	1.755	2.570	15.2	20.2
11 27	6 20.69	+13 37.2	1.698	2.590	11.5	20.0
12 7	6 11.41	+13 21.5	1.664	2.610	7.5	19.8
12 17	6 0.68	+13 14.1	1.657	2.629	4.2	19.7
12 27	5 49.71	+13 15.6	1.680	2.647	4.7	19.7
1 6	5 39.73	+13 25.6	1.731	2.665	8.2	20.0
1 16	5 31.75	+13 43.3	1.809	2.682	11.8	20.2
1 26	5 26.42	+14 7.4	1.910	2.698	14.9	20.5

213161 2000 RR_{24} 12 20.9 101.°12 3.°2/20.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.05	+17 2.7	1.442	2.271	17.1	20.9
11 27	6 22.19	+16 32.5	1.388	2.290	12.9	20.7
12 7	6 12.48	+16 7.5	1.356	2.309	8.1	20.4
12 17	6 1.00	+15 49.0	1.350	2.327	3.8	20.2
12 27	5 49.26	+15 37.7	1.372	2.345	4.7	20.3
1 6	5 38.78	+15 34.3	1.422	2.362	9.0	20.6
1 16	5 30.72	+15 38.8	1.497	2.379	13.3	20.9
1 26	5 25.82	+15 50.7	1.593	2.395	16.8	21.2

207244 2005 EH_{184} 12 20.9 137.°50 0.°9/20.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 25.76	+25 45.9	2.207	3.023	12.4	21.4
11 27	6 19.19	+25 55.6	2.137	3.035	9.2	21.2
12 7	6 10.50	+26 3.2	2.092	3.046	5.6	21.0
12 17	6 0.45	+26 6.8	2.075	3.056	1.8	20.7
12 27	5 50.08	+26 5.5	2.089	3.066	2.6	20.8
1 6	5 40.48	+25 59.6	2.134	3.075	6.3	21.1
1 16	5 32.56	+25 50.6	2.206	3.084	9.7	21.3
1 26	5 26.99	+25 40.6	2.303	3.093	12.6	21.5

414693 2009 WC_{159} 12 20.9 16.°43 4.°0/20.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.17	+15 19.9	1.991	2.813	13.3	20.4
11 27	6 15.86	+14 15.3	1.919	2.816	10.2	20.2
12 7	6 8.52	+13 14.1	1.871	2.818	6.8	20.0
12 17	5 59.89	+12 19.0	1.851	2.821	4.2	19.9
12 27	5 50.96	+11 32.9	1.860	2.824	4.9	19.9
1 6	5 42.77	+10 57.9	1.898	2.828	7.9	20.1
1 16	5 36.18	+10 34.9	1.962	2.832	11.2	20.3
1 26	5 31.82	+10 23.6	2.049	2.836	14.1	20.5

121627 1999 VO_{182} 12 20.9 277.°85 0.°3/20.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.71	+22 44.7	2.173	2.996	12.3	20.1
11 27	6 16.35	+22 39.0	2.086	2.989	9.2	19.9
12 7	6 8.90	+22 33.3	2.025	2.981	5.6	19.7
12 17	6 0.03	+22 26.6	1.991	2.973	1.6	19.4
12 27	5 50.70	+22 18.7	1.988	2.965	2.5	19.4
1 6	5 41.97	+22 10.1	2.013	2.957	6.5	19.7
1 16	5 34.77	+22 1.9	2.067	2.949	10.1	19.9
1 26	5 29.80	+21 55.4	2.144	2.942	13.2	20.1

459404 2012 LR 12 20.9 29.°17 1.°6/21.0 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.91	+17 11.6	2.184	3.005	12.4	21.2
11 27	6 15.67	+17 29.9	2.108	3.007	9.3	21.0
12 7	6 8.44	+17 53.6	2.056	3.009	5.8	20.8
12 17	5 59.89	+18 21.8	2.032	3.011	2.3	20.6
12 27	5 50.93	+18 53.0	2.038	3.014	2.9	20.6
1 6	5 42.55	+19 26.1	2.074	3.016	6.4	20.9
1 16	5 35.62	+20 0.0	2.137	3.019	9.9	21.1
1 26	5 30.80	+20 34.1	2.225	3.022	12.8	21.3

61071 2000 LS_8 12 20.9 170°.16 1°.7/20.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 28.39	+19 37.6	1.527	2.356	16.3	19.5
11 27	6 21.94	+19 27.6	1.455	2.359	12.3	19.2
12 7	6 12.52	+19 20.7	1.406	2.362	7.5	18.9
12 17	6 1.09	+19 16.2	1.383	2.364	2.7	18.7
12 27	5 49.11	+19 14.0	1.389	2.365	3.7	18.7
1 6	5 38.12	+19 14.3	1.422	2.366	8.6	19.0
1 16	5 29.43	+19 18.0	1.481	2.366	13.2	19.3
1 26	5 23.91	+19 25.7	1.562	2.366	17.0	19.5

418831 2008 WA_6 12 20.9 170°.74 2°.5/20.7 17

11 17	6 20.35	+16 42.8	2.535	3.348	11.1	21.8
11 27	6 14.92	+16 9.6	2.455	3.349	8.3	21.7
12 7	6 7.85	+15 39.1	2.401	3.350	5.4	21.5
12 17	5 59.71	+15 12.3	2.377	3.351	2.8	21.3
12 27	5 51.29	+14 50.2	2.382	3.352	3.3	21.3
1 6	5 43.43	+14 33.9	2.418	3.352	6.2	21.5
1 16	5 36.82	+14 23.6	2.482	3.353	9.1	21.7
1 26	5 32.04	+14 19.6	2.570	3.353	11.7	21.9

28180 1998 WU_1 12 20.9 120°.78 0°.9/20.8 18

11 17	6 27.99	+22 43.6	1.628	2.456	15.5	18.5
11 27	6 21.63	+23 33.8	1.559	2.464	11.6	18.2
12 7	6 12.36	+24 27.2	1.514	2.471	7.0	18.0
12 17	6 1.06	+25 19.4	1.496	2.478	2.1	17.7
12 27	5 49.15	+26 6.3	1.507	2.484	3.3	17.8
1 6	5 38.13	+26 45.6	1.547	2.491	8.0	18.1
1 16	5 29.33	+27 17.2	1.613	2.497	12.3	18.4
1 26	5 23.64	+27 42.8	1.701	2.503	15.9	18.6

444779 2007 TP_{36} 12 20.9 105°.41 0°.7/20.9 15

11 17	6 28.37	+24 50.7	2.073	2.888	13.2	22.6
11 27	6 21.07	+25 5.4	2.017	2.915	9.7	22.4
12 7	6 11.58	+25 18.4	1.987	2.941	5.8	22.2
12 17	6 0.76	+25 27.8	1.985	2.966	1.8	22.0
12 27	5 49.74	+25 32.3	2.013	2.990	2.6	22.1
1 6	5 39.68	+25 32.1	2.072	3.014	6.5	22.4
1 16	5 31.49	+25 28.8	2.160	3.037	10.0	22.6
1 26	5 25.80	+25 24.4	2.271	3.059	12.9	22.9

233849 2008 UH_{351} 12 20.9 186°.98 1°.8/20.9 18

11 17	6 25.34	+18 30.4	1.990	2.809	13.5	21.8
11 27	6 19.11	+18 22.3	1.911	2.809	10.1	21.6
12 7	6 10.59	+18 17.5	1.855	2.808	6.3	21.4
12 17	6 0.53	+18 15.6	1.828	2.807	2.5	21.1
12 27	5 50.01	+18 16.6	1.830	2.805	3.3	21.2
1 6	5 40.19	+18 20.4	1.862	2.803	7.2	21.4
1 16	5 32.08	+18 27.5	1.922	2.800	11.0	21.6
1 26	5 26.41	+18 38.0	2.005	2.797	14.2	21.8

440812 2006 QB_{108} 12 20.9 39°.10 0°.4/20.9 17

11 17	6 27.24	+24 51.8	1.255	2.101	18.1	20.7
11 27	6 21.00	+24 44.2	1.223	2.135	13.3	20.6
12 7	6 11.73	+24 34.6	1.212	2.171	7.9	20.4
12 17	6 0.79	+24 21.4	1.225	2.207	2.2	20.1
12 27	5 49.88	+24 4.8	1.266	2.244	3.4	20.3
1 6	5 40.61	+23 46.4	1.333	2.282	8.5	20.7
1 16	5 34.08	+23 29.0	1.424	2.319	12.9	21.1
1 26	5 30.86	+23 14.6	1.537	2.357	16.4	21.4

487113 2014 OW_{164} 12 20.9 337°.40 0°.5/20.9 18

11 17	6 23.50	+23 5.3	1.840	2.669	13.9	21.5
11 27	6 18.07	+23 32.9	1.762	2.667	10.4	21.2
12 7	6 10.12	+24 2.3	1.709	2.666	6.3	21.0
12 17	6 0.44	+24 30.8	1.682	2.664	1.8	20.7
12 27	5 50.19	+24 56.1	1.685	2.663	2.9	20.8
1 6	5 40.65	+25 17.2	1.716	2.661	7.3	21.0
1 16	5 32.96	+25 34.1	1.774	2.660	11.3	21.3
1 26	5 27.92	+25 48.4	1.855	2.659	14.7	21.5

190501 2000 GV_{145} 12 20.9 201°.40 0°.1/20.9 18

11 17	6 26.91	+23 13.2	1.892	2.714	13.9	22.0
11 27	6 20.50	+23 14.5	1.809	2.710	10.4	21.8
12 7	6 11.55	+23 15.5	1.751	2.707	6.3	21.6
12 17	6 0.84	+23 14.8	1.720	2.702	1.8	21.3
12 27	5 49.59	+23 11.3	1.720	2.697	2.8	21.3
1 6	5 39.10	+23 5.5	1.748	2.692	7.3	21.6
1 16	5 30.49	+22 58.7	1.804	2.686	11.4	21.8
1 26	5 24.59	+22 52.9	1.883	2.679	14.8	22.0

266629 2008 QL_{47} 12 20.9 183°.24 0°.3/20.9 18

11 17	6 21.43	+22 16.4	2.519	3.336	11.0	21.0
11 27	6 15.86	+22 20.1	2.438	3.336	8.2	20.8
12 7	6 8.49	+22 24.3	2.382	3.336	4.9	20.6
12 17	5 59.94	+22 28.1	2.354	3.336	1.4	20.4
12 27	5 51.04	+22 30.9	2.358	3.336	2.2	20.4
1 6	5 42.67	+22 32.7	2.392	3.335	5.7	20.7
1 16	5 35.64	+22 34.0	2.455	3.334	8.8	20.9
1 26	5 30.53	+22 35.8	2.542	3.333	11.6	21.0

249600 1998 AP_3 12 20.9 118°.96 0°.8/20.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 23.26	+20 11.8	2.041	2.864	13.0	20.7
11 27	6 17.53	+20 22.6	1.969	2.870	9.7	20.5
12 7	6 9.62	+20 36.2	1.920	2.875	5.9	20.3
12 17	6 0.27	+20 51.5	1.900	2.881	1.9	20.0
12 27	5 50.53	+21 7.1	1.909	2.886	2.7	20.1
1 6	5 41.48	+21 22.7	1.947	2.891	6.7	20.4
1 16	5 34.08	+21 38.1	2.014	2.896	10.3	20.6
1 26	5 29.03	+21 53.9	2.103	2.901	13.4	20.8

210915 2001 SL_{257} 12 20.9 109°.67 2°.4/20.9 18

11 17	6 26.59	+29 41.7	2.176	2.990	12.6	20.8
11 27	6 19.90	+30 8.9	2.113	3.007	9.5	20.6
12 7	6 10.98	+30 31.5	2.074	3.024	6.0	20.5
12 17	6 0.64	+30 46.4	2.065	3.041	2.8	20.3
12 27	5 50.00	+30 51.9	2.085	3.057	3.4	20.4
1 6	5 40.21	+30 48.2	2.135	3.073	6.6	20.6
1 16	5 32.22	+30 37.5	2.213	3.088	9.9	20.8
1 26	5 26.69	+30 22.8	2.315	3.103	12.7	21.0

385630 2005 OP_{21} 12 20.9 59°.84 2°.9/21.1 18

11 17	6 31.16	+29 42.6	1.275	2.113	18.4	20.1
11 27	6 24.19	+29 58.9	1.234	2.141	13.7	19.9
12 7	6 13.82	+30 7.7	1.215	2.169	8.6	19.7
12 17	6 1.43	+30 4.9	1.219	2.198	3.7	19.5
12 27	5 48.93	+29 48.9	1.251	2.226	4.4	19.6
1 6	5 38.15	+29 22.6	1.310	2.254	9.1	20.0
1 16	5 30.40	+28 50.6	1.392	2.283	13.5	20.3
1 26	5 26.32	+28 18.3	1.496	2.311	17.1	20.6

11863 1989 EX 12 20.9 263°.76 5°.0/21.2 18

11 17	6 22.89	+ 9 34.2	1.864	2.675	14.6	17.7
11 27	6 17.52	+ 9 24.5	1.777	2.663	11.5	17.5
12 7	6 9.79	+ 9 26.4	1.712	2.650	8.1	17.3
12 17	6 0.38	+ 9 41.6	1.673	2.637	5.4	17.1
12 27	5 50.33	+10 10.4	1.663	2.624	5.7	17.1
1 6	5 40.83	+10 51.5	1.681	2.611	8.7	17.2
1 16	5 32.95	+11 42.6	1.725	2.598	12.3	17.4
1 26	5 27.52	+12 40.7	1.792	2.584	15.6	17.6

154777 2004 PO_{32} 12 20.9 177°.80 0°.7/20.9 18

11 17	6 26.56	+21 2.6	2.053	2.870	13.2	20.7
11 27	6 19.99	+21 7.9	1.974	2.872	9.8	20.5
12 7	6 11.13	+21 14.9	1.920	2.874	6.0	20.3
12 17	6 0.72	+21 22.2	1.894	2.875	1.8	20.0
12 27	5 49.86	+21 29.1	1.898	2.875	2.7	20.1
1 6	5 39.70	+21 35.2	1.932	2.875	6.8	20.3
1 16	5 31.27	+21 41.2	1.995	2.873	10.6	20.6
1 26	5 25.29	+21 48.1	2.081	2.872	13.8	20.8

399166 2014 FT_{35} 12 20.9 189°.19 10°.5/20.1 18

11 17	6 42.93	+55 47.2	2.475	3.186	14.1	22.2
11 27	6 33.65	+57 23.2	2.406	3.185	12.5	22.1
12 7	6 20.16	+58 40.8	2.358	3.184	11.3	22.0
12 17	6 3.46	+59 30.8	2.335	3.181	10.6	21.9
12 27	5 45.50	+59 46.9	2.338	3.178	10.7	21.9
1 6	5 28.65	+59 29.2	2.365	3.174	11.7	22.0
1 16	5 14.92	+58 43.2	2.416	3.170	13.1	22.1
1 26	5 5.56	+57 37.7	2.486	3.164	14.6	22.2

437925 2002 PJ_{104} 12 20.9 71°.04 2°.2/21.2 17

11 17	6 30.11	+30 39.6	1.707	2.528	15.2	21.0
11 27	6 22.67	+30 28.7	1.659	2.557	11.4	20.8
12 7	6 12.62	+30 9.7	1.635	2.586	7.1	20.7
12 17	6 1.08	+29 40.8	1.637	2.615	3.0	20.5
12 27	5 49.51	+29 2.3	1.669	2.644	3.5	20.6
1 6	5 39.31	+28 17.3	1.730	2.672	7.5	20.9
1 16	5 31.49	+27 30.0	1.817	2.700	11.2	21.2
1 26	5 26.66	+26 44.7	1.928	2.728	14.4	21.4

448038 2008 EV_{116} 12 20.9 347°.84 8°.9/20.3 17

11 17	6 25.83	+40 46.6	1.474	2.295	17.2	20.8
11 27	6 21.18	+42 12.6	1.404	2.287	14.1	20.5
12 7	6 12.69	+43 26.0	1.355	2.280	11.0	20.3
12 17	6 1.32	+44 17.0	1.329	2.274	9.1	20.2
12 27	5 48.89	+44 38.7	1.328	2.268	9.5	20.2
1 6	5 37.55	+44 30.1	1.352	2.264	12.0	20.4
1 16	5 29.15	+43 56.3	1.398	2.261	15.3	20.5
1 26	5 24.84	+43 6.0	1.464	2.259	18.4	20.7

429991 2013 PR_{37} 12 20.9 88°.83 3°.0/21.1 18

11 17	6 32.95	+30 3.7	1.382	2.212	17.7	21.4
11 27	6 25.47	+30 19.5	1.332	2.234	13.3	21.1
12 7	6 14.63	+30 27.8	1.304	2.257	8.3	20.9
12 17	6 1.71	+30 24.1	1.301	2.279	3.7	20.7
12 27	5 48.57	+30 6.9	1.326	2.300	4.4	20.8
1 6	5 37.01	+29 38.6	1.379	2.321	8.9	21.1
1 16	5 28.39	+29 4.1	1.456	2.342	13.3	21.4
1 26	5 23.43	+28 28.8	1.555	2.362	16.9	21.7

322940 2002 GJ_{53} 12 20.9 282.°95 3.°7/20.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 21.13	+13 58.1	2.158	2.974	12.7	21.2
11 27	6 16.00	+13 27.0	2.059	2.952	9.8	21.0
12 7	6 8.79	+13 0.9	1.984	2.930	6.6	20.7
12 17	6 0.10	+12 41.3	1.937	2.908	4.0	20.5
12 27	5 50.84	+12 29.8	1.919	2.885	4.5	20.5
1 6	5 42.03	+12 27.0	1.930	2.863	7.6	20.7
1 16	5 34.60	+12 32.9	1.968	2.840	11.1	20.8
1 26	5 29.31	+12 47.1	2.030	2.817	14.2	21.0

115088 2003 SU_{13} 12 20.9 24.°36 1.°1/20.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.01	+26 27.9	2.376	3.201	11.3	19.4
11 27	6 14.17	+26 42.5	2.309	3.211	8.4	19.2
12 7	6 7.51	+26 55.2	2.267	3.222	5.1	19.0
12 17	5 59.68	+27 4.4	2.254	3.234	1.8	18.8
12 27	5 51.58	+27 9.0	2.270	3.246	2.5	18.9
1 6	5 44.11	+27 9.1	2.315	3.259	5.8	19.1
1 16	5 38.06	+27 5.8	2.388	3.272	8.9	19.4
1 26	5 34.01	+27 0.5	2.486	3.285	11.5	19.6

434499 2005 SZ_{68} 12 20.9 47.°24 4.°6/20.8 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 24.36	+14 32.4	1.341	2.179	17.6	21.2
11 27	6 19.02	+13 55.2	1.284	2.189	13.5	20.9
12 7	6 10.78	+13 26.5	1.248	2.199	8.9	20.7
12 17	6 0.66	+13 8.5	1.236	2.209	5.1	20.5
12 27	5 50.13	+13 2.7	1.251	2.220	5.7	20.6
1 6	5 40.73	+13 9.1	1.291	2.231	9.8	20.8
1 16	5 33.70	+13 26.6	1.356	2.242	14.0	21.1
1 26	5 29.80	+13 53.1	1.441	2.254	17.7	21.4

237275 2008 WG_{135} 12 20.9 147.°76 0.°8/20.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 27.30	+23 57.7	1.986	2.804	13.5	20.6
11 27	6 20.66	+24 29.8	1.914	2.813	10.0	20.4
12 7	6 11.59	+25 2.5	1.866	2.821	6.1	20.2
12 17	6 0.89	+25 32.7	1.847	2.828	1.9	19.9
12 27	5 49.72	+25 58.0	1.858	2.835	2.8	20.0
1 6	5 39.32	+26 17.4	1.899	2.842	6.9	20.3
1 16	5 30.77	+26 31.6	1.968	2.847	10.7	20.5
1 26	5 24.82	+26 42.4	2.061	2.853	13.9	20.7

97292 1999 XQ_{172} 12 20.9 245.°72 1.°5/20.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 23.04	+26 11.6	2.334	3.152	11.7	19.5
11 27	6 17.38	+26 50.3	2.248	3.147	8.8	19.3
12 7	6 9.59	+27 28.5	2.188	3.141	5.4	19.1
12 17	6 0.33	+28 3.3	2.156	3.136	2.1	18.9
12 27	5 50.53	+28 32.5	2.155	3.130	2.8	18.9
1 6	5 41.26	+28 54.7	2.184	3.124	6.3	19.2
1 16	5 33.45	+29 10.5	2.241	3.119	9.6	19.4
1 26	5 27.85	+29 21.4	2.323	3.113	12.5	19.5

22143 Cathyfowler 12 20.9 64.°97 0.°2/20.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.47	+23 7.2	1.217	2.061	18.7	18.3
11 27	6 23.01	+23 6.6	1.171	2.083	13.9	18.0
12 7	6 13.20	+23 6.3	1.146	2.105	8.3	17.8
12 17	6 1.33	+23 4.2	1.146	2.128	2.4	17.5
12 27	5 49.21	+22 59.2	1.172	2.150	3.6	17.6
1 6	5 38.67	+22 52.5	1.224	2.173	9.1	18.0
1 16	5 31.02	+22 46.0	1.301	2.195	13.9	18.4
1 26	5 26.99	+22 41.9	1.398	2.218	17.8	18.7

339054 2004 NU_{9} 12 20.9 179.°28 1.°6/20.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 26.32	+18 33.7	2.053	2.868	13.3	21.5
11 27	6 19.81	+18 35.1	1.973	2.870	9.9	21.3
12 7	6 11.04	+18 40.0	1.919	2.871	6.1	21.1
12 17	6 0.74	+18 47.7	1.892	2.872	2.3	20.8
12 27	5 49.98	+18 57.6	1.896	2.871	3.1	20.9
1 6	5 39.91	+19 9.3	1.930	2.870	7.0	21.1
1 16	5 31.53	+19 22.8	1.992	2.869	10.7	21.4
1 26	5 25.55	+19 38.4	2.077	2.867	13.9	21.6

489172 2006 FX_{40} 12 20.9 211.°77 0.°1/20.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.35	+23 29.0	2.702	3.517	10.4	22.5
11 27	6 15.76	+23 36.3	2.614	3.512	7.8	22.3
12 7	6 8.45	+23 43.4	2.552	3.507	4.7	22.1
12 17	5 59.99	+23 49.2	2.519	3.501	1.3	21.8
12 27	5 51.15	+23 52.9	2.518	3.495	2.1	21.9
1 6	5 42.79	+23 54.7	2.547	3.489	5.4	22.1
1 16	5 35.65	+23 54.9	2.604	3.482	8.5	22.3
1 26	5 30.34	+23 54.8	2.688	3.476	11.1	22.4

475330 2005 YX_{276} 12 20.9 55.°81 1.°1/20.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 28.18	+24 42.2	1.326	2.167	17.6	20.8
11 27	6 21.93	+25 9.1	1.281	2.191	13.1	20.6
12 7	6 12.52	+25 35.3	1.258	2.216	7.9	20.4
12 17	6 1.15	+25 56.9	1.259	2.241	2.5	20.1
12 27	5 49.50	+26 11.4	1.288	2.265	3.6	20.3
1 6	5 39.29	+26 18.7	1.343	2.291	8.6	20.6
1 16	5 31.78	+26 20.9	1.424	2.316	13.1	21.0
1 26	5 27.69	+26 20.7	1.525	2.341	16.8	21.3

327996 2007 GQ_{57} 12 20.9 110.°54 6.°1/20.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 20.26	+ 2 58.8	2.630	3.405	11.8	21.4
11 27	6 14.70	+ 2 14.5	2.571	3.423	9.6	21.3
12 7	6 7.66	+ 1 41.6	2.536	3.441	7.6	21.1
12 17	5 59.73	+ 1 22.5	2.529	3.458	6.3	21.1
12 27	5 51.63	+ 1 18.5	2.550	3.475	6.4	21.1
1 6	5 44.09	+ 1 29.3	2.600	3.491	7.9	21.2
1 16	5 37.74	+ 1 53.3	2.677	3.507	9.9	21.4
1 26	5 33.06	+ 2 28.0	2.777	3.523	11.8	21.6

226075 2002 JM_{128} 12 20.9 225.°08 4.°4/20.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.42	+10 58.4	2.278	3.086	12.3	20.7
11 27	6 15.20	+10 22.7	2.198	3.083	9.6	20.5
12 7	6 8.16	+ 9 54.2	2.143	3.080	6.8	20.3
12 17	5 59.91	+ 9 34.8	2.115	3.077	4.6	20.2
12 27	5 51.31	+ 9 25.8	2.117	3.074	5.0	20.2
1 6	5 43.26	+ 9 27.6	2.147	3.071	7.5	20.3
1 16	5 36.54	+ 9 39.7	2.204	3.068	10.4	20.5
1 26	5 31.79	+10 0.6	2.285	3.064	13.1	20.7

130080 1999 WQ_{6} 12 20.9 48.°26 1.°1/20.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 25.89	+23 10.0	1.514	2.351	16.1	18.9
11 27	6 20.20	+24 2.5	1.454	2.363	11.9	18.7
12 7	6 11.56	+24 57.7	1.417	2.375	7.2	18.5
12 17	6 0.93	+25 51.1	1.406	2.387	2.3	18.2
12 27	5 49.76	+26 38.3	1.423	2.400	3.4	18.3
1 6	5 39.60	+27 17.1	1.468	2.414	8.2	18.6
1 16	5 31.75	+27 47.6	1.538	2.427	12.5	18.9
1 26	5 27.06	+28 11.5	1.630	2.441	16.1	19.2

460704 2014 UF_{215} 12 20.9 11.°08 2.°5/21.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.55	+14 59.8	1.931	2.755	13.6	20.3
11 27	6 15.65	+15 16.2	1.857	2.757	10.3	20.1
12 7	6 8.59	+15 40.6	1.807	2.759	6.6	19.9
12 17	6 0.07	+16 12.4	1.785	2.762	3.1	19.7
12 27	5 51.09	+16 50.1	1.791	2.765	3.5	19.7
1 6	5 42.76	+17 32.0	1.826	2.768	7.2	19.9
1 16	5 36.03	+18 16.2	1.888	2.772	10.8	20.2
1 26	5 31.61	+19 1.6	1.973	2.777	14.0	20.4

276490 2003 PK_{11} 12 20.9 73.°25 5.°7/21.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 28.84	+40 19.1	2.139	2.934	13.5	20.4
11 27	6 21.78	+40 50.1	2.084	2.956	10.7	20.2
12 7	6 12.19	+41 8.2	2.053	2.977	7.9	20.1
12 17	6 1.05	+41 9.2	2.049	2.999	5.9	20.0
12 27	5 49.69	+40 51.2	2.073	3.020	6.1	20.1
1 6	5 39.45	+40 16.2	2.126	3.042	8.1	20.2
1 16	5 31.38	+39 28.7	2.205	3.063	10.6	20.4
1 26	5 26.14	+38 34.2	2.308	3.084	13.0	20.6

256841 2008 CR_{158} 12 20.9 115.°53 2.°0/20.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 23.08	+17 9.9	2.106	2.924	12.8	21.0
11 27	6 17.28	+17 11.4	2.036	2.934	9.6	20.8
12 7	6 9.44	+17 17.5	1.991	2.943	6.0	20.6
12 17	6 0.29	+17 27.9	1.974	2.952	2.6	20.4
12 27	5 50.79	+17 42.0	1.987	2.961	3.1	20.5
1 6	5 41.99	+17 59.2	2.029	2.970	6.7	20.7
1 16	5 34.77	+18 18.9	2.099	2.979	10.1	20.9
1 26	5 29.76	+18 41.0	2.193	2.987	13.1	21.1

365625 2010 UR_{54} 12 20.9 163.°91 0.°8/20.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.97	+22 5.0	2.075	2.899	12.8	21.1
11 27	6 17.31	+21 49.9	1.998	2.900	9.5	20.8
12 7	6 9.52	+21 34.7	1.945	2.900	5.8	20.6
12 17	6 0.32	+21 19.0	1.920	2.901	1.8	20.4
12 27	5 50.74	+21 3.1	1.924	2.901	2.7	20.4
1 6	5 41.88	+20 48.0	1.958	2.902	6.7	20.7
1 16	5 34.64	+20 34.7	2.020	2.902	10.3	20.9
1 26	5 29.73	+20 24.7	2.105	2.903	13.4	21.1

168165 2006 HA_{61} 12 20.9 162.°78 4.°8/20.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 24.40	+10 47.0	2.289	3.088	12.6	21.0
11 27	6 18.02	+ 9 49.2	2.215	3.094	9.8	20.8
12 7	6 9.78	+ 8 57.7	2.166	3.100	7.0	20.7
12 17	6 0.37	+ 8 15.3	2.146	3.105	5.0	20.5
12 27	5 50.69	+ 7 44.1	2.157	3.109	5.4	20.6
1 6	5 41.66	+ 7 25.3	2.197	3.113	7.8	20.7
1 16	5 34.07	+ 7 18.9	2.264	3.116	10.6	20.9
1 26	5 28.53	+ 7 23.7	2.355	3.118	13.2	21.1

225494 2000 HX_{81} 12 20.9 282.°48 1.°2/20.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 26.08	+25 42.7	1.536	2.372	15.9	20.9
11 27	6 20.64	+25 55.1	1.451	2.358	12.0	20.6
12 7	6 12.06	+26 5.9	1.387	2.344	7.4	20.3
12 17	6 1.16	+26 12.3	1.349	2.330	2.4	20.0
12 27	5 49.39	+26 12.0	1.339	2.316	3.5	20.0
1 6	5 38.42	+26 5.2	1.356	2.302	8.6	20.3
1 16	5 29.73	+25 53.9	1.398	2.288	13.4	20.5
1 26	5 24.35	+25 41.6	1.461	2.274	17.5	20.7

167188 2003 SA_{295} 12 20.9 60°.54 5°.6/20.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 30.45	+33 14.6	1.551	2.375	16.4	18.8
11 27	6 23.80	+34 43.0	1.501	2.396	12.6	18.6
12 7	6 13.83	+36 4.1	1.474	2.417	8.7	18.5
12 17	6 1.61	+37 9.5	1.473	2.438	5.9	18.3
12 27	5 48.82	+37 53.4	1.500	2.459	6.5	18.4
1 6	5 37.27	+38 15.0	1.554	2.481	9.6	18.7
1 16	5 28.40	+38 18.0	1.633	2.502	13.1	18.9
1 26	5 23.09	+38 8.3	1.733	2.523	16.1	19.2

122651 2000 RT_{89} 12 20.9 138°.29 2°.0/21.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 28.94	+29 25.6	1.928	2.745	13.9	20.8
11 27	6 21.90	+29 29.5	1.859	2.756	10.5	20.6
12 7	6 12.32	+29 27.6	1.814	2.766	6.5	20.4
12 17	6 1.12	+29 17.3	1.797	2.775	2.7	20.2
12 27	5 49.59	+28 57.8	1.810	2.785	3.3	20.2
1 6	5 39.04	+28 30.5	1.852	2.793	7.2	20.5
1 16	5 30.56	+27 58.5	1.922	2.801	10.9	20.7
1 26	5 24.87	+27 25.8	2.015	2.809	14.1	21.0

485477 2011 SK_{65} 12 20.9 40°.36 4°.3/20.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 25.22	+15 58.7	1.250	2.093	18.4	20.7
11 27	6 19.47	+15 10.0	1.215	2.123	13.8	20.5
12 7	6 10.88	+14 29.3	1.200	2.154	8.9	20.4
12 17	6 0.68	+13 59.0	1.210	2.185	4.8	20.2
12 27	5 50.45	+13 40.8	1.246	2.217	5.5	20.4
1 6	5 41.67	+13 35.1	1.308	2.249	9.5	20.7
1 16	5 35.41	+13 40.9	1.394	2.282	13.6	21.0
1 26	5 32.25	+13 56.3	1.500	2.315	17.1	21.3

325368 Ihorhuk 12 20.9 131°.57 4°.8/21.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.15	+ 5 50.1	2.896	3.677	10.7	22.0
11 27	6 14.55	+ 5 26.0	2.830	3.692	8.5	21.9
12 7	6 7.57	+ 5 11.0	2.789	3.707	6.4	21.8
12 17	5 59.75	+ 5 6.6	2.776	3.721	4.9	21.7
12 27	5 51.74	+ 5 13.4	2.794	3.734	5.1	21.7
1 6	5 44.21	+ 5 31.0	2.841	3.748	6.7	21.8
1 16	5 37.77	+ 5 58.1	2.916	3.760	8.8	22.0
1 26	5 32.87	+ 6 32.7	3.017	3.772	10.7	22.2

124421 2001 QM_{233} 12 20.9 186°.92 0°.7/20.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 28.07	+25 19.1	2.011	2.828	13.4	21.5
11 27	6 21.27	+25 25.8	1.929	2.828	10.0	21.2
12 7	6 12.01	+25 30.6	1.873	2.827	6.1	21.0
12 17	6 1.08	+25 31.4	1.844	2.825	1.9	20.7
12 27	5 49.65	+25 27.0	1.846	2.823	2.8	20.8
1 6	5 38.99	+25 17.9	1.878	2.820	7.0	21.0
1 16	5 30.18	+25 5.9	1.937	2.816	10.8	21.3
1 26	5 23.99	+24 53.4	2.021	2.812	14.1	21.5

110196 2001 SL_{194} 12 20.9 151°.83 0°.6/20.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 24.42	+24 56.7	2.033	2.856	13.1	20.9
11 27	6 18.50	+25 2.9	1.957	2.859	9.7	20.7
12 7	6 10.30	+25 7.7	1.906	2.861	5.9	20.4
12 17	6 0.58	+25 9.3	1.883	2.864	1.8	20.2
12 27	5 50.44	+25 6.9	1.889	2.866	2.7	20.3
1 6	5 41.06	+25 0.8	1.925	2.869	6.7	20.5
1 16	5 33.41	+24 52.3	1.988	2.871	10.4	20.7
1 26	5 28.22	+24 43.5	2.074	2.872	13.6	21.0

238641 2005 EF_{11} 12 20.9 244°.70 5°.6/20.9 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.15	+37 41.8	1.978	2.783	14.1	20.8
11 27	6 22.62	+38 22.5	1.892	2.773	11.2	20.6
12 7	6 13.09	+38 53.2	1.829	2.762	8.1	20.4
12 17	6 1.45	+39 8.2	1.793	2.751	5.8	20.2
12 27	5 49.06	+39 3.7	1.785	2.739	6.1	20.2
1 6	5 37.49	+38 40.1	1.805	2.728	8.8	20.4
1 16	5 28.11	+38 1.2	1.852	2.716	12.0	20.5
1 26	5 21.85	+37 13.0	1.921	2.703	15.1	20.7

297296 1998 QQ_{73} 12 20.9 58°.88 1°.8/21.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.93	+30 8.4	1.525	2.352	16.5	19.6
11 27	6 23.43	+29 41.5	1.482	2.383	12.2	19.4
12 7	6 13.14	+29 6.0	1.461	2.415	7.5	19.2
12 17	6 1.31	+28 21.0	1.467	2.447	2.8	19.0
12 27	5 49.54	+27 27.9	1.502	2.478	3.4	19.1
1 6	5 39.34	+26 30.7	1.565	2.510	7.9	19.4
1 16	5 31.75	+25 34.5	1.654	2.541	11.9	19.7
1 26	5 27.33	+24 43.3	1.767	2.573	15.2	20.0

228687 2002 OA_{8} 12 20.9 166°.78 0°.7/20.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.36	+26 11.1	2.654	3.467	10.6	21.3
11 27	6 16.51	+26 11.7	2.574	3.470	7.9	21.1
12 7	6 8.90	+26 10.0	2.520	3.473	4.8	20.9
12 17	6 0.16	+26 4.7	2.495	3.475	1.6	20.7
12 27	5 51.12	+25 55.5	2.501	3.478	2.2	20.7
1 6	5 42.65	+25 42.8	2.538	3.479	5.4	21.0
1 16	5 35.51	+25 28.0	2.603	3.481	8.5	21.2
1 26	5 30.29	+25 12.7	2.694	3.482	11.1	21.4

196005 Róbertschiller 12 20.9 53°.38 2°.8/20.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 20.23	+15 9.5	2.180	2.998	12.4	20.2
11 27	6 15.10	+14 54.4	2.111	3.007	9.4	20.0
12 7	6 8.12	+14 44.7	2.067	3.016	6.1	19.9
12 17	5 59.94	+14 41.1	2.051	3.025	3.2	19.7
12 27	5 51.48	+14 43.8	2.064	3.034	3.7	19.7
1 6	5 43.66	+14 52.7	2.107	3.044	6.7	19.9
1 16	5 37.29	+15 7.3	2.176	3.053	9.9	20.2
1 26	5 32.95	+15 26.7	2.269	3.063	12.7	20.4

312251 2008 AP 12 20.9 356°.25 1°.2/21.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 23.37	+18 16.1	1.709	2.539	14.8	20.2
11 27	6 18.11	+18 45.8	1.633	2.538	11.1	20.0
12 7	6 10.28	+19 22.3	1.581	2.537	6.8	19.7
12 17	6 0.63	+20 3.6	1.555	2.536	2.3	19.4
12 27	5 50.37	+20 47.2	1.558	2.536	3.1	19.5
1 6	5 40.84	+21 30.6	1.590	2.536	7.7	19.8
1 16	5 33.19	+22 12.6	1.648	2.536	11.9	20.0
1 26	5 28.28	+22 52.6	1.728	2.537	15.4	20.3

228926 2003 SQ_{275} 12 20.9 66°.94 0°.3/20.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.89	+24 4.5	2.102	2.926	12.7	20.9
11 27	6 17.16	+24 10.4	2.040	2.942	9.4	20.7
12 7	6 9.38	+24 15.5	2.002	2.958	5.6	20.5
12 17	6 0.30	+24 18.4	1.993	2.974	1.6	20.3
12 27	5 50.96	+24 18.6	2.013	2.991	2.5	20.4
1 6	5 42.42	+24 16.1	2.063	3.007	6.3	20.6
1 16	5 35.54	+24 12.1	2.140	3.024	9.8	20.9
1 26	5 30.94	+24 8.1	2.241	3.040	12.7	21.1

342198 2008 SM_{213} 12 20.9 155°.05 1°.2/20.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 26.73	+20 31.6	1.955	2.774	13.7	22.3
11 27	6 20.16	+20 23.4	1.882	2.781	10.2	22.0
12 7	6 11.28	+20 16.8	1.834	2.788	6.2	21.8
12 17	6 0.87	+20 11.1	1.814	2.794	2.1	21.6
12 27	5 50.08	+20 6.1	1.823	2.800	2.9	21.6
1 6	5 40.11	+20 2.2	1.863	2.805	7.1	21.9
1 16	5 31.94	+20 0.2	1.930	2.809	10.9	22.2
1 26	5 26.31	+20 1.1	2.020	2.813	14.1	22.4

260863 2005 QC_{92} 12 20.9 91°.71 1°.7/20.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 23.26	+18 59.5	1.993	2.815	13.3	20.8
11 27	6 17.50	+18 47.5	1.926	2.826	9.9	20.6
12 7	6 9.63	+18 38.3	1.883	2.837	6.1	20.4
12 17	6 0.39	+18 31.8	1.868	2.848	2.4	20.2
12 27	5 50.85	+18 28.2	1.883	2.858	3.1	20.3
1 6	5 42.09	+18 27.6	1.926	2.868	6.9	20.5
1 16	5 35.01	+18 30.4	1.997	2.879	10.4	20.8
1 26	5 30.27	+18 36.9	2.092	2.889	13.5	21.0

37697 1995 YW_{4} 12 20.9 54°.34 1°.0/20.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.38	+20 49.9	1.997	2.822	13.1	19.5
11 27	6 16.96	+20 44.0	1.923	2.826	9.8	19.3
12 7	6 9.36	+20 39.6	1.873	2.829	6.0	19.1
12 17	6 0.34	+20 36.3	1.851	2.832	2.0	18.8
12 27	5 50.92	+20 33.8	1.859	2.836	2.8	18.9
1 6	5 42.23	+20 32.4	1.895	2.839	6.8	19.2
1 16	5 35.20	+20 32.6	1.959	2.843	10.5	19.4
1 26	5 30.52	+20 35.2	2.046	2.847	13.6	19.6

102477 1999 TQ_{247} 12 20.9 355°.65 7°.7/20.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.43	+ 9 9.9	1.383	2.216	17.5	18.8
11 27	6 16.18	+ 7 54.5	1.317	2.212	14.0	18.5
12 7	6 9.18	+ 6 50.7	1.272	2.210	10.4	18.3
12 17	6 0.33	+ 6 4.0	1.251	2.208	7.9	18.2
12 27	5 50.94	+ 5 38.8	1.254	2.206	8.5	18.2
1 6	5 42.45	+ 5 36.4	1.283	2.206	11.5	18.4
1 16	5 36.06	+ 5 55.0	1.334	2.207	15.2	18.6
1 26	5 32.60	+ 6 30.8	1.404	2.208	18.6	18.8

45980 2001 BT_{48} 12 20.9 239°.58 0°.1/20.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 26.62	+25 46.0	1.939	2.761	13.7	19.3
11 27	6 20.29	+25 16.1	1.851	2.752	10.2	19.1
12 7	6 11.47	+24 41.5	1.787	2.743	6.2	18.8
12 17	6 0.97	+24 1.7	1.751	2.733	1.8	18.5
12 27	5 49.97	+23 17.5	1.746	2.723	2.8	18.6
1 6	5 39.77	+22 31.4	1.769	2.713	7.2	18.8
1 16	5 31.44	+21 46.5	1.821	2.703	11.3	19.1
1 26	5 25.76	+21 6.2	1.896	2.692	14.7	19.3

77159 2001 ED_{16} 12 20.9 206°.78 3°.3/21.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.13	+31 18.7	1.751	2.570	15.0	19.3
11 27	6 23.37	+31 43.3	1.670	2.566	11.5	19.1
12 7	6 13.56	+32 1.5	1.612	2.561	7.5	18.8
12 17	6 1.61	+32 8.7	1.581	2.556	3.9	18.6
12 27	5 48.98	+32 2.1	1.579	2.550	4.4	18.6
1 6	5 37.27	+31 42.2	1.606	2.544	8.3	18.8
1 16	5 27.86	+31 12.9	1.659	2.537	12.4	19.1
1 26	5 21.66	+30 39.0	1.734	2.530	15.9	19.3

522182 2016 AQ_{257} 12 20.9 278°.76 0°.9/20.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 21.81	+25 20.8	2.329	3.150	11.7	21.7
11 27	6 16.44	+25 41.6	2.246	3.146	8.7	21.5
12 7	6 9.05	+26 1.5	2.188	3.142	5.3	21.3
12 17	6 0.27	+26 18.8	2.158	3.139	1.8	21.1
12 27	5 51.05	+26 31.8	2.158	3.135	2.5	21.1
1 6	5 42.38	+26 40.1	2.188	3.131	6.1	21.4
1 16	5 35.16	+26 44.5	2.246	3.127	9.5	21.6
1 26	5 30.07	+26 46.4	2.328	3.123	12.4	21.7

389535 2010 JJ_{80} 12 20.9 177°.70 1°.6/20.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 26.74	+27 44.5	2.474	3.282	11.5	22.4
11 27	6 19.95	+28 6.8	2.392	3.285	8.6	22.2
12 7	6 11.09	+28 26.2	2.336	3.287	5.3	22.0
12 17	6 0.85	+28 40.4	2.309	3.288	2.2	21.8
12 27	5 50.19	+28 47.6	2.314	3.288	2.8	21.8
1 6	5 40.14	+28 47.9	2.349	3.288	6.1	22.0
1 16	5 31.62	+28 42.5	2.414	3.287	9.2	22.2
1 26	5 25.29	+28 33.8	2.503	3.285	12.0	22.4

266012 2006 EZ_{35} 12 20.9 26°.05 3°.4/21.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.65	+14 6.9	1.721	2.550	14.8	20.0
11 27	6 15.86	+14 3.4	1.658	2.559	11.2	19.8
12 7	6 8.78	+14 8.6	1.618	2.568	7.3	19.6
12 17	6 0.20	+14 22.7	1.604	2.578	3.9	19.4
12 27	5 51.25	+14 45.2	1.618	2.589	4.3	19.5
1 6	5 43.10	+15 14.8	1.659	2.600	7.9	19.7
1 16	5 36.73	+15 50.0	1.727	2.612	11.6	20.0
1 26	5 32.86	+16 28.9	1.817	2.625	14.8	20.2

247209 2001 QU_{5} 12 20.9 56°.09 2°.1/21.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 25.38	+29 4.1	1.810	2.637	14.3	19.8
11 27	6 19.51	+29 10.9	1.739	2.641	10.7	19.6
12 7	6 11.04	+29 12.4	1.692	2.645	6.7	19.4
12 17	6 0.86	+29 6.2	1.671	2.650	2.8	19.1
12 27	5 50.25	+28 51.1	1.679	2.654	3.4	19.2
1 6	5 40.56	+28 28.2	1.715	2.659	7.4	19.4
1 16	5 32.93	+28 0.6	1.778	2.663	11.3	19.7
1 26	5 28.11	+27 31.7	1.864	2.668	14.6	19.9

14986 1997 UJ_{3} 12 20.9 138°.56 0°.8/20.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 24.96	+25 57.0	2.069	2.890	12.9	18.1
11 27	6 18.86	+25 59.9	1.995	2.895	9.6	17.9
12 7	6 10.51	+26 0.4	1.946	2.901	5.9	17.7
12 17	6 0.70	+25 56.8	1.925	2.906	1.9	17.5
12 27	5 50.50	+25 48.3	1.934	2.911	2.7	17.5
1 6	5 41.09	+25 35.6	1.972	2.915	6.6	17.8
1 16	5 33.43	+25 20.4	2.038	2.920	10.2	18.0
1 26	5 28.20	+25 5.0	2.127	2.924	13.3	18.2

456146 2006 EH_{26} 12 20.9 32°.13 4°.6/21.0 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.27	+10 17.4	2.072	2.884	13.3	21.4
11 27	6 15.26	+ 9 54.4	2.000	2.886	10.3	21.2
12 7	6 8.30	+ 9 40.7	1.951	2.889	7.3	21.0
12 17	6 0.06	+ 9 37.9	1.929	2.892	4.9	20.8
12 27	5 51.46	+ 9 46.7	1.936	2.895	5.2	20.9
1 6	5 43.49	+10 6.6	1.971	2.898	7.8	21.0
1 16	5 36.97	+10 36.2	2.032	2.902	10.9	21.2
1 26	5 32.56	+11 13.3	2.117	2.905	13.7	21.4

362590 2010 VN_{182} 12 20.9 67°.28 1°.9/20.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 26.41	+25 24.9	1.886	2.709	13.9	20.4
11 27	6 20.17	+26 27.6	1.825	2.726	10.3	20.2
12 7	6 11.42	+27 30.6	1.789	2.743	6.4	20.0
12 17	6 0.98	+28 29.1	1.780	2.760	2.5	19.8
12 27	5 50.08	+29 19.3	1.802	2.777	3.4	19.9
1 6	5 40.02	+29 59.1	1.853	2.794	7.2	20.2
1 16	5 31.89	+30 28.9	1.931	2.811	10.9	20.5
1 26	5 26.47	+30 50.8	2.033	2.828	13.9	20.7

193683 2001 EO_{14} 12 20.9 355°.24 4°.1/21.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.59	+11 23.4	1.194	2.041	18.8	18.5
11 27	6 16.92	+12 4.3	1.125	2.034	14.6	18.2
12 7	6 10.00	+13 5.2	1.076	2.029	9.6	17.9
12 17	6 0.68	+14 25.0	1.049	2.025	5.0	17.7
12 27	5 50.48	+15 59.2	1.048	2.023	5.2	17.7
1 6	5 41.15	+17 41.0	1.073	2.022	10.0	17.9
1 16	5 34.22	+19 23.5	1.121	2.023	15.0	18.2
1 26	5 30.79	+21 1.8	1.190	2.025	19.3	18.5

4983 Schroeteria 12 20.9 253°.90 0°.8/20.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 27.01	+25 25.1	1.517	2.352	16.1	17.0
11 27	6 21.21	+25 28.6	1.442	2.349	12.1	16.8
12 7	6 12.33	+25 30.0	1.388	2.346	7.4	16.5
12 17	6 1.30	+25 26.9	1.361	2.343	2.3	16.2
12 27	5 49.62	+25 18.0	1.362	2.340	3.3	16.2
1 6	5 38.91	+25 3.9	1.390	2.336	8.4	16.5
1 16	5 30.56	+24 47.4	1.443	2.333	13.1	16.8
1 26	5 25.48	+24 31.5	1.518	2.330	17.0	17.0

188588 2005 NP_{29} 12 20.9 70°.92 4°.3/21.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 26.90	+12 54.0	1.405	2.233	17.5	20.5
11 27	6 20.72	+12 45.2	1.356	2.255	13.4	20.3
12 7	6 11.76	+12 47.8	1.328	2.277	8.8	20.1
12 17	6 1.06	+13 2.2	1.326	2.298	4.9	19.9
12 27	5 50.10	+13 27.6	1.351	2.320	5.3	20.0
1 6	5 40.33	+14 2.0	1.402	2.342	9.2	20.3
1 16	5 32.90	+14 43.1	1.479	2.363	13.2	20.6
1 26	5 28.53	+15 28.4	1.578	2.385	16.7	20.9

289877 2005 MX_{23} 12 20.9 209°.54 1°.3/21.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 28.96	+27 8.0	1.750	2.573	14.8	21.7
11 27	6 22.37	+27 10.0	1.668	2.568	11.2	21.5
12 7	6 12.91	+27 8.1	1.609	2.563	6.9	21.2
12 17	6 1.46	+26 59.6	1.577	2.558	2.4	20.9
12 27	5 49.40	+26 43.3	1.574	2.551	3.2	20.9
1 6	5 38.21	+26 20.4	1.601	2.544	7.8	21.2
1 16	5 29.18	+25 53.9	1.654	2.537	12.1	21.4
1 26	5 23.18	+25 27.3	1.729	2.529	15.8	21.7

168598 2000 AG_{49} 12 20.9 269°.47 1°.0/21.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 36.01	+31 19.5	1.115	1.954	20.4	19.3
11 27	6 28.91	+29 58.6	1.035	1.944	15.6	19.0
12 7	6 17.39	+28 16.7	0.976	1.934	9.7	18.6
12 17	6 2.80	+26 13.0	0.942	1.923	3.1	18.2
12 27	5 47.46	+23 53.1	0.934	1.913	4.2	18.2
1 6	5 33.85	+21 29.4	0.954	1.902	11.0	18.6
1 16	5 23.82	+19 15.8	0.997	1.892	17.1	18.9
1 26	5 18.37	+17 22.3	1.060	1.881	22.2	19.2

251380 2007 VK_{80} 12 20.9 274°.18 1°.1/20.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 24.62	+21 21.2	1.987	2.810	13.3	20.5
11 27	6 18.95	+21 5.8	1.885	2.786	10.1	20.3
12 7	6 10.82	+20 50.6	1.806	2.761	6.2	20.0
12 17	6 0.88	+20 35.1	1.755	2.736	2.1	19.6
12 27	5 50.22	+20 19.5	1.734	2.710	3.0	19.7
1 6	5 40.06	+20 4.6	1.741	2.684	7.4	19.9
1 16	5 31.52	+19 52.0	1.776	2.658	11.5	20.1
1 26	5 25.51	+19 43.1	1.835	2.632	15.1	20.3

444918 2008 AT_{52} 12 20.9 66°.37 0°.9/20.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 23.94	+20 29.4	1.773	2.603	14.4	21.3
11 27	6 18.35	+20 34.4	1.706	2.610	10.7	21.1
12 7	6 10.32	+20 42.1	1.662	2.618	6.5	20.9
12 17	6 0.68	+20 51.4	1.645	2.626	2.1	20.6
12 27	5 50.63	+21 1.3	1.656	2.634	3.0	20.7
1 6	5 41.43	+21 11.4	1.696	2.642	7.3	21.0
1 16	5 34.11	+21 22.1	1.763	2.650	11.3	21.2
1 26	5 29.43	+21 33.9	1.852	2.658	14.7	21.5

47095 1999 AQ_{25} 12 20.9 345°.49 1°.0/20.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.84	+20 33.9	1.821	2.656	13.8	18.2
11 27	6 15.41	+20 33.5	1.741	2.648	10.3	18.0
12 7	6 8.63	+20 35.6	1.684	2.641	6.3	17.7
12 17	6 0.23	+20 39.6	1.654	2.635	2.1	17.4
12 27	5 51.30	+20 45.0	1.652	2.629	2.9	17.5
1 6	5 43.04	+20 51.6	1.677	2.624	7.3	17.7
1 16	5 36.48	+20 59.6	1.729	2.620	11.3	18.0
1 26	5 32.43	+21 9.6	1.804	2.616	14.7	18.2

453538 2009 WE_{99} 12 20.9 8°.33 0°.2/20.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.60	+24 35.0	1.755	2.590	14.2	20.6
11 27	6 16.72	+24 26.0	1.684	2.592	10.6	20.4
12 7	6 9.40	+24 15.3	1.636	2.594	6.4	20.1
12 17	6 0.45	+24 1.8	1.615	2.596	1.9	19.8
12 27	5 51.09	+23 45.6	1.621	2.600	2.8	19.9
1 6	5 42.57	+23 27.7	1.656	2.604	7.3	20.2
1 16	5 35.95	+23 9.9	1.717	2.608	11.3	20.5
1 26	5 31.97	+22 54.2	1.801	2.613	14.7	20.7

328779 2009 UG_{137} 12 20.9 20°.51 0°.9/20.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 24.10	+22 4.6	1.901	2.727	13.7	19.6
11 27	6 18.56	+23 11.5	1.828	2.731	10.2	19.3
12 7	6 10.56	+24 22.9	1.780	2.736	6.2	19.1
12 17	6 0.82	+25 34.5	1.759	2.741	1.9	18.8
12 27	5 50.47	+26 41.9	1.769	2.746	2.9	18.9
1 6	5 40.77	+27 41.8	1.808	2.752	7.1	19.2
1 16	5 32.83	+28 33.1	1.875	2.758	10.9	19.5
1 26	5 27.49	+29 16.4	1.965	2.764	14.2	19.7

243585 1997 WY_{28} 12 20.9 359°.87 0°.3/20.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 24.61	+22 48.3	1.396	2.239	16.8	20.4
11 27	6 19.62	+23 10.6	1.326	2.238	12.6	20.1
12 7	6 11.47	+23 35.2	1.278	2.237	7.6	19.8
12 17	6 1.11	+23 59.3	1.255	2.237	2.2	19.5
12 27	5 50.05	+24 20.3	1.259	2.237	3.4	19.6
1 6	5 39.96	+24 37.0	1.289	2.238	8.7	19.9
1 16	5 32.27	+24 50.1	1.344	2.239	13.5	20.2
1 26	5 27.92	+25 1.3	1.419	2.240	17.5	20.4

367245 2007 LR_4 12 20.9 91°57 1°9/20.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 21.70	+17 45.2	2.351	3.167	11.7	21.2
11 27	6 16.06	+17 30.2	2.286	3.183	8.8	21.0
12 7	6 8.68	+17 18.2	2.247	3.198	5.5	20.8
12 17	6 0.20	+17 9.6	2.235	3.213	2.4	20.6
12 27	5 51.50	+17 4.6	2.254	3.228	3.0	20.7
1 6	5 43.47	+17 3.4	2.303	3.243	6.1	20.9
1 16	5 36.84	+17 6.2	2.380	3.257	9.2	21.2
1 26	5 32.17	+17 12.9	2.482	3.272	11.8	21.4

416483 2003 WM_{116} 12 20.9 28°06 3°9/19.9 17

11 17	6 24.07	+16 32.3	2.109	2.924	12.9	19.9
11 27	6 17.94	+15 3.4	2.035	2.928	9.9	19.7
12 7	6 9.86	+13 35.2	1.986	2.932	6.6	19.5
12 17	6 0.55	+12 11.4	1.966	2.935	4.1	19.4
12 27	5 51.00	+10 56.0	1.978	2.940	4.8	19.4
1 6	5 42.21	+ 9 52.3	2.019	2.944	7.8	19.6
1 16	5 35.03	+ 9 2.5	2.087	2.949	11.0	19.8
1 26	5 30.04	+ 8 26.7	2.179	2.953	13.8	20.0

67091 2000 AJ_{52} 12 20.9 69°13 3°2/21.1 18

11 17	6 27.90	+30 59.4	1.627	2.454	15.6	19.2
11 27	6 21.61	+31 22.0	1.568	2.468	11.8	19.0
12 7	6 12.41	+31 37.7	1.531	2.482	7.6	18.7
12 17	6 1.33	+31 42.5	1.521	2.496	3.8	18.6
12 27	5 49.87	+31 34.4	1.538	2.510	4.3	18.6
1 6	5 39.57	+31 14.6	1.583	2.524	8.2	18.9
1 16	5 31.67	+30 46.9	1.654	2.538	12.1	19.1
1 26	5 26.93	+30 15.9	1.748	2.553	15.4	19.4

119222 2001 QD_{219} 12 20.9 191°12 0°0/20.9 18

11 17	6 27.95	+23 40.3	2.037	2.853	13.3	21.4
11 27	6 21.18	+23 36.6	1.954	2.852	9.9	21.2
12 7	6 12.01	+23 31.7	1.896	2.850	6.0	20.9
12 17	6 1.23	+23 24.4	1.866	2.847	1.7	20.6
12 27	5 49.95	+23 14.1	1.866	2.844	2.7	20.7
1 6	5 39.41	+23 1.4	1.897	2.839	6.9	21.0
1 16	5 30.67	+22 48.1	1.955	2.834	10.8	21.2
1 26	5 24.48	+22 36.1	2.038	2.828	14.0	21.4

335360 2005 ST_{108} 12 20.9 25°88 0°6/20.9 18

11 17	6 24.51	+24 33.7	1.144	2.000	18.8	20.2
11 27	6 19.84	+24 37.5	1.091	2.009	14.1	19.9
12 7	6 11.65	+24 40.2	1.058	2.019	8.5	19.6
12 17	6 1.15	+24 39.5	1.048	2.030	2.5	19.3
12 27	5 50.16	+24 34.1	1.063	2.042	3.7	19.4
1 6	5 40.57	+24 25.0	1.103	2.055	9.4	19.8
1 16	5 33.84	+24 14.5	1.166	2.069	14.5	20.1
1 26	5 30.81	+24 5.5	1.249	2.083	18.7	20.4

416196 2002 TV_{199} 12 20.9 48°89 0°3/20.9 17

11 17	6 23.81	+25 8.1	2.087	2.910	12.8	19.8
11 27	6 17.82	+24 25.2	2.021	2.922	9.5	19.6
12 7	6 9.79	+23 38.7	1.979	2.934	5.7	19.4
12 17	6 0.53	+22 49.2	1.965	2.947	1.7	19.1
12 27	5 51.09	+21 58.2	1.982	2.960	2.5	19.2
1 6	5 42.53	+21 8.4	2.029	2.972	6.4	19.5
1 16	5 35.67	+20 22.4	2.103	2.986	9.9	19.7
1 26	5 31.12	+19 42.3	2.202	2.999	12.9	20.0

195853 2002 QA_{80} 12 20.9 141°61 1°9/21.0 17

11 17	6 23.30	+29 33.4	2.643	3.453	10.8	21.5
11 27	6 17.30	+29 48.1	2.568	3.461	8.1	21.3
12 7	6 9.47	+29 58.8	2.518	3.468	5.1	21.1
12 17	6 0.46	+30 3.4	2.498	3.475	2.3	21.0
12 27	5 51.15	+30 1.1	2.508	3.481	2.8	21.0
1 6	5 42.46	+29 52.0	2.549	3.487	5.6	21.2
1 16	5 35.15	+29 37.7	2.619	3.493	8.5	21.4
1 26	5 29.85	+29 20.5	2.713	3.499	11.0	21.6

434575 2005 UW_{36} 12 20.9 84°42 1°6/20.9 18

11 17	6 29.77	+26 26.0	1.531	2.361	16.3	21.3
11 27	6 22.96	+26 49.5	1.478	2.382	12.1	21.1
12 7	6 13.19	+27 10.3	1.448	2.403	7.4	20.8
12 17	6 1.55	+27 24.8	1.444	2.424	2.6	20.6
12 27	5 49.60	+27 30.7	1.468	2.444	3.5	20.7
1 6	5 38.91	+27 28.6	1.520	2.465	8.1	21.0
1 16	5 30.69	+27 21.0	1.598	2.484	12.3	21.3
1 26	5 25.71	+27 11.2	1.698	2.504	15.8	21.6

139944 2001 RZ_{136} 12 20.9 152°32 4°2/21.1 18

11 17	6 22.63	+10 22.5	2.244	3.046	12.7	20.1
11 27	6 16.88	+10 6.5	2.170	3.052	9.9	19.9
12 7	6 9.26	+ 9 59.2	2.121	3.058	6.9	19.8
12 17	6 0.42	+10 1.8	2.100	3.063	4.5	19.6
12 27	5 51.24	+10 14.7	2.108	3.068	4.8	19.7
1 6	5 42.67	+10 37.1	2.146	3.073	7.3	19.8
1 16	5 35.50	+11 7.8	2.211	3.077	10.3	20.0
1 26	5 30.36	+11 44.9	2.301	3.081	13.0	20.2

152809 1999 TU_{197} 12 20.9 126°94 1°4/20.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 23.35	+20 45.8	2.399	3.214	11.6	19.5
11 27	6 17.28	+20 12.6	2.326	3.223	8.6	19.4
12 7	6 9.42	+19 39.5	2.280	3.233	5.3	19.2
12 17	6 0.45	+19 6.9	2.262	3.242	2.0	19.0
12 27	5 51.25	+18 36.0	2.276	3.251	2.7	19.0
1 6	5 42.74	+18 8.1	2.319	3.259	6.0	19.3
1 16	5 35.67	+17 44.4	2.392	3.268	9.2	19.5
1 26	5 30.61	+17 26.0	2.489	3.276	11.9	19.7

450651 2006 UJ_{95} 12 20.9 70°86 3°2/20.9 18

11 17	6 22.90	+15 25.3	1.837	2.660	14.2	21.5
11 27	6 17.45	+15 5.4	1.769	2.667	10.8	21.2
12 7	6 9.75	+14 51.5	1.724	2.674	7.0	21.0
12 17	6 0.58	+14 44.5	1.706	2.681	3.6	20.8
12 27	5 51.04	+14 44.8	1.717	2.688	4.2	20.9
1 6	5 42.29	+14 52.3	1.757	2.695	7.7	21.1
1 16	5 35.28	+15 6.7	1.822	2.703	11.4	21.4
1 26	5 30.72	+15 26.8	1.911	2.710	14.5	21.6

113291 2002 RT_{172} 12 20.9 169°17 2°9/21.2 18

11 17	6 24.16	+33 14.7	2.568	3.374	11.2	20.2
11 27	6 18.07	+33 27.1	2.488	3.376	8.5	20.0
12 7	6 10.00	+33 33.0	2.434	3.377	5.7	19.8
12 17	6 0.64	+33 29.8	2.408	3.379	3.2	19.7
12 27	5 50.95	+33 16.4	2.413	3.380	3.5	19.7
1 6	5 41.91	+32 53.7	2.447	3.381	6.1	19.9
1 16	5 34.38	+32 23.9	2.510	3.382	9.0	20.0
1 26	5 29.01	+31 50.2	2.598	3.382	11.5	20.2

215686 2003 XG_{43} 12 20.9 315°93 5°0/20.1 17

11 17	6 22.27	+15 45.1	1.518	2.354	16.1	20.0
11 27	6 17.68	+14 29.7	1.428	2.332	12.4	19.8
12 7	6 10.26	+13 15.5	1.361	2.311	8.4	19.5
12 17	6 0.82	+12 6.8	1.319	2.290	5.3	19.2
12 27	5 50.61	+11 8.3	1.304	2.270	6.2	19.2
1 6	5 41.10	+10 24.0	1.316	2.250	10.2	19.4
1 16	5 33.58	+ 9 56.2	1.352	2.231	14.6	19.6
1 26	5 29.01	+ 9 44.9	1.408	2.213	18.5	19.8

249960 2001 UQ_{38} 12 20.9 62°25 0°4/20.9 18

11 17	6 23.84	+22 18.0	1.825	2.654	14.1	20.9
11 27	6 18.25	+22 19.8	1.757	2.662	10.5	20.7
12 7	6 10.28	+22 22.5	1.714	2.670	6.3	20.5
12 17	6 0.74	+22 24.7	1.697	2.678	1.9	20.2
12 27	5 50.82	+22 25.9	1.709	2.687	2.8	20.3
1 6	5 41.73	+22 26.0	1.749	2.695	7.1	20.6
1 16	5 34.52	+22 26.1	1.817	2.704	11.0	20.8
1 26	5 29.89	+22 27.2	1.907	2.712	14.3	21.1

207095 2005 AR_6 12 20.9 318°28 2°7/20.8 16

11 17	6 24.13	+27 48.1	1.465	2.306	16.3	20.3
11 27	6 19.54	+28 25.9	1.379	2.289	12.4	20.0
12 7	6 11.65	+29 2.4	1.316	2.272	7.9	19.7
12 17	6 1.27	+29 32.9	1.277	2.256	3.5	19.4
12 27	5 49.88	+29 53.2	1.265	2.240	4.4	19.4
1 6	5 39.25	+30 1.8	1.280	2.226	9.2	19.7
1 16	5 30.96	+30 0.5	1.319	2.211	13.9	19.9
1 26	5 26.15	+29 53.0	1.378	2.198	18.0	20.1

6873 Tasaka 12 20.9 200°41 3°0/20.9 18

11 17	6 27.94	+16 56.5	1.639	2.462	15.7	17.8
11 27	6 21.60	+16 33.0	1.560	2.459	11.9	17.5
12 7	6 12.48	+16 14.1	1.505	2.456	7.6	17.3
12 17	6 1.43	+16 0.5	1.475	2.452	3.6	17.0
12 27	5 49.78	+15 53.0	1.475	2.447	4.4	17.1
1 6	5 38.96	+15 52.0	1.502	2.442	8.7	17.3
1 16	5 30.21	+15 58.0	1.556	2.436	12.9	17.6
1 26	5 24.40	+16 10.7	1.632	2.430	16.6	17.8

380351 2002 RD_{217} 12 20.9 108°86 0°9/21.0 18

11 17	6 30.11	+25 34.3	1.591	2.417	15.9	21.4
11 27	6 23.15	+25 39.9	1.531	2.434	11.8	21.2
12 7	6 13.31	+25 43.0	1.494	2.450	7.2	20.9
12 17	6 1.63	+25 41.0	1.485	2.466	2.2	20.7
12 27	5 49.62	+25 33.0	1.504	2.481	3.2	20.8
1 6	5 38.80	+25 19.9	1.551	2.496	7.9	21.1
1 16	5 30.36	+25 4.3	1.624	2.510	12.2	21.4
1 26	5 25.07	+24 49.1	1.721	2.524	15.7	21.6

399364 2001 KD_1 12 20.9 200°33 8°4/19.1 18

11 17	6 24.59	+ 0 14.1	2.419	3.179	13.1	21.4
11 27	6 18.23	− 1 25.9	2.341	3.175	11.1	21.2
12 7	6 10.06	− 2 54.7	2.288	3.171	9.3	21.1
12 17	6 0.69	− 4 7.3	2.263	3.166	8.4	21.1
12 27	5 50.96	− 4 59.3	2.266	3.160	8.8	21.1
1 6	5 41.74	− 5 29.1	2.297	3.154	10.3	21.2
1 16	5 33.82	− 5 37.3	2.354	3.146	12.3	21.3
1 26	5 27.83	− 5 26.7	2.432	3.139	14.3	21.4

383500 2007 BK_{100} 12 20.9 239°.26 1°.0/20.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 26.84	+20 29.3	1.884	2.704	14.0	22.1
11 27	6 20.70	+20 33.4	1.790	2.690	10.6	21.9
12 7	6 11.96	+20 40.1	1.721	2.675	6.5	21.6
12 17	6 1.32	+20 48.2	1.679	2.660	2.1	21.3
12 27	5 49.94	+20 56.6	1.667	2.644	3.0	21.3
1 6	5 39.15	+21 5.0	1.684	2.627	7.6	21.6
1 16	5 30.15	+21 13.8	1.728	2.610	11.8	21.8
1 26	5 23.82	+21 23.9	1.796	2.592	15.4	22.0

287681 2003 QO_{14} 12 20.9 112°.71 0°.7/20.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.50	+22 15.3	2.239	3.060	12.1	20.7
11 27	6 16.88	+21 57.5	2.163	3.064	9.0	20.5
12 7	6 9.31	+21 39.4	2.113	3.068	5.5	20.3
12 17	6 0.47	+21 20.7	2.090	3.071	1.7	20.1
12 27	5 51.32	+21 1.9	2.098	3.075	2.5	20.1
1 6	5 42.84	+20 43.8	2.135	3.079	6.2	20.4
1 16	5 35.87	+20 27.8	2.201	3.082	9.6	20.6
1 26	5 31.04	+20 15.0	2.290	3.086	12.5	20.8

210987 2001 WM_{57} 12 20.9 109°.91 1°.9/20.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 24.49	+18 27.2	2.228	3.042	12.4	21.2
11 27	6 18.18	+18 6.7	2.165	3.060	9.2	21.0
12 7	6 9.99	+17 48.6	2.127	3.079	5.7	20.8
12 17	6 0.64	+17 33.4	2.118	3.096	2.4	20.7
12 27	5 51.10	+17 21.4	2.140	3.114	3.0	20.7
1 6	5 42.31	+17 13.3	2.192	3.131	6.4	21.0
1 16	5 35.08	+17 9.4	2.271	3.147	9.6	21.2
1 26	5 29.98	+17 10.0	2.376	3.163	12.4	21.4

189227 2004 HE_{17} 12 20.9 186°.56 3°.3/21.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.71	+31 5.4	1.796	2.614	14.7	21.0
11 27	6 23.01	+31 34.9	1.719	2.614	11.2	20.8
12 7	6 13.37	+31 58.7	1.665	2.614	7.3	20.5
12 17	6 1.71	+32 12.0	1.638	2.613	3.8	20.3
12 27	5 49.42	+32 12.1	1.641	2.611	4.4	20.3
1 6	5 38.05	+31 59.2	1.672	2.609	8.1	20.6
1 16	5 28.90	+31 36.7	1.729	2.607	12.0	20.8
1 26	5 22.85	+31 9.0	1.809	2.604	15.4	21.0

449930 2015 OB_{24} 12 20.9 164°.19 3°.6/20.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 24.90	+14 29.7	1.850	2.668	14.4	20.9
11 27	6 18.96	+14 4.1	1.777	2.671	11.0	20.7
12 7	6 10.70	+13 44.8	1.727	2.674	7.2	20.5
12 17	6 0.90	+13 33.1	1.704	2.676	4.0	20.3
12 27	5 50.67	+13 29.8	1.710	2.678	4.6	20.3
1 6	5 41.19	+13 35.0	1.744	2.680	8.0	20.5
1 16	5 33.49	+13 48.3	1.806	2.681	11.7	20.7
1 26	5 28.28	+14 8.6	1.890	2.682	14.9	21.0

485483 2011 SM_{92} 12 20.9 3°.00 2°.3/20.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.13	+19 25.7	1.454	2.297	16.3	20.6
11 27	6 17.51	+18 57.5	1.386	2.296	12.2	20.3
12 7	6 10.08	+18 32.0	1.339	2.296	7.6	20.1
12 17	6 0.75	+18 10.0	1.317	2.297	3.1	19.8
12 27	5 50.92	+17 52.7	1.322	2.298	4.0	19.9
1 6	5 42.03	+17 41.2	1.354	2.300	8.7	20.2
1 16	5 35.31	+17 36.3	1.410	2.303	13.1	20.4
1 26	5 31.58	+17 38.3	1.487	2.307	16.9	20.7

295596 2008 SL_{146} 12 20.9 242°.91 3°.0/21.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 24.13	+32 55.5	2.333	3.144	12.0	20.7
11 27	6 18.27	+33 8.1	2.252	3.143	9.2	20.5
12 7	6 10.23	+33 13.8	2.196	3.141	6.1	20.3
12 17	6 0.76	+33 10.1	2.167	3.139	3.4	20.1
12 27	5 50.89	+32 55.5	2.168	3.137	3.7	20.1
1 6	5 41.72	+32 31.1	2.199	3.135	6.6	20.3
1 16	5 34.18	+31 59.2	2.258	3.133	9.7	20.5
1 26	5 28.98	+31 23.6	2.341	3.131	12.4	20.7

130268 2000 DP_{54} 12 20.9 267°.75 4°.9/21.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.79	+ 8 15.3	2.323	3.124	12.4	19.8
11 27	6 14.81	+ 7 51.7	2.243	3.121	9.8	19.7
12 7	6 8.07	+ 7 37.6	2.186	3.117	7.1	19.5
12 17	6 0.13	+ 7 34.9	2.157	3.113	5.2	19.4
12 27	5 51.83	+ 7 44.4	2.157	3.109	5.4	19.4
1 6	5 44.02	+ 8 5.7	2.185	3.105	7.6	19.5
1 16	5 37.48	+ 8 37.5	2.240	3.102	10.3	19.7
1 26	5 32.83	+ 9 17.6	2.319	3.098	12.9	19.8

494527 2017 AS_{5} 12 20.9 317°.46 0°.6/21.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 25.17	+26 8.9	1.477	2.317	16.2	20.7
11 27	6 20.01	+25 51.9	1.397	2.307	12.2	20.5
12 7	6 11.73	+25 30.5	1.339	2.297	7.5	20.2
12 17	6 1.28	+25 3.1	1.306	2.288	2.3	19.8
12 27	5 50.13	+24 29.9	1.300	2.279	3.3	19.9
1 6	5 39.93	+23 53.1	1.322	2.270	8.6	20.2
1 16	5 32.07	+23 16.4	1.368	2.262	13.4	20.4
1 26	5 27.50	+22 43.4	1.436	2.254	17.5	20.7

162938 2001 PC_{11} 12 20.9 89°.49 1°.2/21.0 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 21.17	+18 45.4	2.443	3.259	11.3	20.5
11 27	6 15.73	+18 52.8	2.374	3.271	8.4	20.3
12 7	6 8.55	+19 3.3	2.330	3.283	5.2	20.1
12 17	6 0.26	+19 16.2	2.315	3.295	1.9	19.9
12 27	5 51.69	+19 30.8	2.331	3.307	2.5	20.0
1 6	5 43.71	+19 46.7	2.376	3.318	5.7	20.2
1 16	5 37.06	+20 3.5	2.450	3.330	8.8	20.5
1 26	5 32.31	+20 21.4	2.549	3.341	11.5	20.7

331831 2003 UF_{2} 12 20.9 354°.66 1°.7/21.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.86	+28 6.9	2.133	2.956	12.5	20.9
11 27	6 17.42	+28 18.0	2.055	2.955	9.4	20.7
12 7	6 9.77	+28 25.5	2.001	2.955	5.9	20.5
12 17	6 0.65	+28 27.3	1.975	2.954	2.3	20.3
12 27	5 51.09	+28 22.3	1.978	2.954	2.9	20.3
1 6	5 42.23	+28 10.9	2.011	2.954	6.6	20.6
1 16	5 35.03	+27 55.0	2.070	2.953	10.1	20.8
1 26	5 30.19	+27 36.9	2.154	2.954	13.1	21.0

167900 2005 EO_{80} 12 20.9 125°.59 0°.1/20.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 25.62	+23 16.4	1.828	2.655	14.2	20.4
11 27	6 19.62	+23 14.0	1.757	2.660	10.6	20.2
12 7	6 11.15	+23 11.3	1.709	2.665	6.4	20.0
12 17	6 1.05	+23 6.9	1.689	2.670	1.9	19.7
12 27	5 50.52	+23 0.3	1.697	2.675	2.8	19.8
1 6	5 40.85	+22 52.0	1.735	2.680	7.2	20.1
1 16	5 33.10	+22 43.6	1.799	2.684	11.2	20.3
1 26	5 28.02	+22 36.6	1.886	2.689	14.6	20.5

260504 2005 EL_{32} 12 20.9 48°.95 4°.0/21.0 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.86	+11 28.5	2.280	3.090	12.3	20.7
11 27	6 14.86	+11 7.2	2.206	3.093	9.5	20.5
12 7	6 8.08	+10 53.5	2.156	3.096	6.5	20.3
12 17	6 0.14	+10 48.6	2.134	3.100	4.3	20.2
12 27	5 51.88	+10 53.3	2.141	3.103	4.6	20.2
1 6	5 44.18	+11 7.2	2.177	3.106	7.1	20.4
1 16	5 37.80	+11 29.4	2.240	3.110	10.0	20.6
1 26	5 33.36	+11 58.4	2.327	3.113	12.6	20.7

345038 2005 EJ_{190} 12 20.9 3°.96 4°.8/21.0 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.54	+14 29.1	1.169	2.024	18.6	20.2
11 27	6 16.05	+13 58.8	1.109	2.023	14.3	20.0
12 7	6 9.41	+13 38.7	1.068	2.023	9.5	19.7
12 17	6 0.61	+13 31.1	1.050	2.024	5.4	19.5
12 27	5 51.20	+13 37.4	1.056	2.028	6.0	19.5
1 6	5 42.87	+13 56.8	1.086	2.032	10.4	19.8
1 16	5 36.97	+14 27.5	1.139	2.038	15.0	20.1
1 26	5 34.40	+15 6.5	1.211	2.046	19.1	20.3

276161 2002 LA_{53} 12 20.9 149°.15 1°.9/20.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 25.60	+18 25.3	2.344	3.154	12.0	22.3
11 27	6 18.99	+18 0.5	2.272	3.165	9.0	22.1
12 7	6 10.50	+17 37.6	2.225	3.175	5.6	21.9
12 17	6 0.83	+17 17.2	2.207	3.185	2.4	21.7
12 27	5 50.90	+16 59.8	2.221	3.194	3.0	21.8
1 6	5 41.67	+16 46.3	2.265	3.202	6.3	22.0
1 16	5 33.93	+16 37.3	2.338	3.210	9.5	22.2
1 26	5 28.28	+16 33.4	2.435	3.217	12.3	22.4

449830 2014 QY_{34} 12 20.9 38°.18 3°.2/21.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.28	+14 49.7	1.883	2.705	14.0	21.0
11 27	6 17.04	+14 36.8	1.810	2.707	10.6	20.8
12 7	6 9.56	+14 30.6	1.760	2.709	6.9	20.6
12 17	6 0.60	+14 31.9	1.737	2.711	3.7	20.4
12 27	5 51.21	+14 40.6	1.743	2.713	4.2	20.4
1 6	5 42.52	+14 56.5	1.777	2.716	7.6	20.7
1 16	5 35.51	+15 18.6	1.837	2.718	11.3	20.9
1 26	5 30.88	+15 45.8	1.921	2.721	14.4	21.1

187258 2005 SF_{259} 12 20.9 98°.18 2°.4/21.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 28.12	+16 17.7	1.611	2.434	15.9	20.4
11 27	6 21.52	+16 27.7	1.554	2.453	11.9	20.2
12 7	6 12.29	+16 44.9	1.520	2.472	7.5	20.0
12 17	6 1.37	+17 8.2	1.513	2.491	3.2	19.8
12 27	5 50.12	+17 36.1	1.535	2.510	3.8	19.9
1 6	5 39.91	+18 7.0	1.585	2.528	8.0	20.2
1 16	5 31.85	+18 39.8	1.661	2.545	12.1	20.5
1 26	5 26.68	+19 13.8	1.761	2.562	15.5	20.7

258080 2001 PA_{31} 12 20.9 139°.89 3°.3/20.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 24.01	+13 10.1	2.682	3.479	11.0	22.1
11 27	6 17.54	+12 34.7	2.613	3.495	8.4	22.0
12 7	6 9.52	+12 4.1	2.571	3.510	5.7	21.8
12 17	6 0.54	+11 39.5	2.558	3.525	3.5	21.7
12 27	5 51.37	+11 22.1	2.577	3.538	3.9	21.8
1 6	5 42.81	+11 12.3	2.626	3.551	6.3	21.9
1 16	5 35.51	+11 10.0	2.704	3.563	8.9	22.1
1 26	5 29.98	+11 14.9	2.808	3.575	11.2	22.3

326833 2003 UD_{48} 12 20.9 63°.89 4°.5/21.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 28.89	+12 40.4	1.209	2.043	19.4	20.1
11 27	6 22.52	+12 41.6	1.167	2.070	14.8	19.9
12 7	6 13.01	+12 56.5	1.146	2.096	9.6	19.7
12 17	6 1.59	+13 24.6	1.149	2.123	5.2	19.6
12 27	5 49.93	+14 3.9	1.178	2.149	5.5	19.7
1 6	5 39.73	+14 51.3	1.233	2.176	9.8	20.0
1 16	5 32.22	+15 43.6	1.313	2.202	14.2	20.3
1 26	5 28.13	+16 37.9	1.413	2.228	17.9	20.6

232748 2004 JX_{19} 12 20.9 211°.04 0°.6/21.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 28.62	+25 48.7	1.996	2.812	13.5	21.5
11 27	6 21.85	+25 43.7	1.908	2.805	10.2	21.3
12 7	6 12.56	+25 35.5	1.844	2.798	6.2	21.0
12 17	6 1.51	+25 22.6	1.808	2.789	1.9	20.7
12 27	5 49.91	+25 4.2	1.803	2.780	2.8	20.8
1 6	5 39.03	+24 41.4	1.827	2.770	7.1	21.0
1 16	5 30.02	+24 16.6	1.880	2.760	11.1	21.3
1 26	5 23.67	+23 52.7	1.956	2.748	14.5	21.5

218099 2002 MH_{3} 12 20.9 83°.92 1°.8/21.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.12	+17 25.4	1.473	2.300	17.0	19.7
11 27	6 23.11	+17 45.4	1.425	2.326	12.6	19.5
12 7	6 13.27	+18 12.1	1.399	2.353	7.8	19.2
12 17	6 1.68	+18 43.5	1.399	2.379	2.9	19.0
12 27	5 49.82	+19 17.2	1.428	2.405	3.6	19.1
1 6	5 39.21	+19 51.3	1.485	2.430	8.2	19.5
1 16	5 31.01	+20 24.8	1.568	2.455	12.5	19.8
1 26	5 25.93	+20 57.8	1.674	2.479	16.0	20.1

146703 2001 VY_{112} 12 20.9 60°.88 1°.1/21.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 24.85	+26 24.8	1.822	2.650	14.1	20.0
11 27	6 19.06	+26 27.6	1.757	2.660	10.5	19.8
12 7	6 10.81	+26 27.5	1.716	2.671	6.4	19.6
12 17	6 0.98	+26 22.6	1.701	2.682	2.1	19.3
12 27	5 50.80	+26 12.1	1.716	2.693	2.9	19.4
1 6	5 41.56	+25 56.9	1.759	2.705	7.1	19.7
1 16	5 34.28	+25 39.2	1.829	2.716	11.0	20.0
1 26	5 29.67	+25 21.6	1.922	2.727	14.2	20.2

220415 2003 SW_{195} 12 20.9 26°.45 2°.0/20.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.54	+18 54.2	2.139	2.961	12.5	20.1
11 27	6 16.26	+18 25.4	2.063	2.963	9.4	19.9
12 7	6 9.00	+17 58.4	2.011	2.964	5.9	19.6
12 17	6 0.45	+17 33.9	1.988	2.966	2.5	19.4
12 27	5 51.57	+17 13.1	1.994	2.968	3.2	19.5
1 6	5 43.34	+16 56.7	2.029	2.970	6.7	19.7
1 16	5 36.63	+16 45.6	2.092	2.972	10.1	19.9
1 26	5 32.07	+16 40.3	2.178	2.974	13.1	20.1

355035 2006 RV_{45} 12 20.9 71°.22 3°.4/21.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 23.75	+14 41.7	1.778	2.601	14.7	21.0
11 27	6 18.08	+14 24.6	1.719	2.616	11.1	20.9
12 7	6 10.15	+14 14.6	1.682	2.631	7.2	20.7
12 17	6 0.78	+14 12.5	1.673	2.646	3.9	20.5
12 27	5 51.11	+14 18.3	1.691	2.662	4.3	20.6
1 6	5 42.32	+14 31.7	1.739	2.677	7.8	20.8
1 16	5 35.35	+14 51.8	1.812	2.692	11.4	21.0
1 26	5 30.88	+15 17.4	1.908	2.707	14.5	21.3

385680 2005 SX_{206} 12 20.9 6°.40 0°.8/20.9 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.50	+21 59.4	1.127	1.986	18.8	21.2
11 27	6 18.52	+21 53.2	1.066	1.986	14.1	20.9
12 7	6 11.04	+21 49.1	1.025	1.987	8.6	20.6
12 17	6 1.14	+21 45.8	1.007	1.989	2.6	20.3
12 27	5 50.58	+21 42.8	1.014	1.993	3.8	20.4
1 6	5 41.24	+21 40.5	1.045	1.997	9.7	20.7
1 16	5 34.66	+21 40.2	1.098	2.003	15.0	21.0
1 26	5 31.77	+21 43.2	1.171	2.010	19.3	21.3

403647 2010 TW_{53} 12 21.0 168°.39 1°.3/21.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 25.32	+27 0.6	2.370	3.183	11.8	22.2
11 27	6 19.03	+27 16.8	2.291	3.187	8.8	22.0
12 7	6 10.68	+27 30.6	2.238	3.190	5.4	21.8
12 17	6 0.96	+27 39.7	2.213	3.193	2.0	21.6
12 27	5 50.84	+27 42.9	2.219	3.195	2.6	21.6
1 6	5 41.36	+27 40.2	2.256	3.197	6.1	21.9
1 16	5 33.43	+27 33.0	2.321	3.198	9.4	22.1
1 26	5 27.70	+27 23.4	2.411	3.199	12.2	22.3

323252 2003 SR_{238} 12 21.0 89°.29 4°.9/20.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.58	+ 9 30.2	2.240	3.045	12.6	20.5
11 27	6 15.40	+ 8 51.4	2.169	3.050	9.9	20.3
12 7	6 8.42	+ 8 21.2	2.123	3.056	7.1	20.2
12 17	6 0.30	+ 8 1.7	2.104	3.061	5.1	20.1
12 27	5 51.88	+ 7 54.1	2.113	3.067	5.4	20.1
1 6	5 44.05	+ 7 58.7	2.152	3.072	7.7	20.3
1 16	5 37.59	+ 8 14.5	2.217	3.078	10.5	20.4
1 26	5 33.09	+ 8 39.7	2.305	3.083	13.0	20.6

79900 Coreglia 12 21.0 301°.70 0°.9/21.0 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 22.92	+20 28.2	1.753	2.585	14.4	19.7
11 27	6 18.01	+20 34.9	1.661	2.567	10.9	19.4
12 7	6 10.47	+20 44.9	1.592	2.549	6.7	19.1
12 17	6 0.99	+20 57.1	1.550	2.531	2.2	18.8
12 27	5 50.75	+21 10.4	1.536	2.513	3.1	18.8
1 6	5 41.07	+21 24.2	1.550	2.496	7.8	19.1
1 16	5 33.19	+21 38.4	1.590	2.479	12.2	19.3
1 26	5 28.05	+21 53.8	1.652	2.462	15.9	19.5

193173 2000 LE_{9} 12 21.0 234°.74 1°.7/20.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 26.79	+19 3.2	2.097	2.911	13.1	21.5
11 27	6 20.43	+18 51.5	2.000	2.895	9.9	21.3
12 7	6 11.72	+18 42.0	1.926	2.878	6.2	21.0
12 17	6 1.33	+18 34.5	1.881	2.860	2.4	20.7
12 27	5 50.29	+18 29.0	1.867	2.842	3.2	20.7
1 6	5 39.77	+18 25.9	1.882	2.823	7.2	21.0
1 16	5 30.83	+18 25.9	1.926	2.802	11.0	21.1
1 26	5 24.29	+18 29.7	1.994	2.781	14.4	21.3

183185 2002 SH_{55} 12 21.0 134°.17 2°.1/21.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.51	+28 34.4	1.684	2.506	15.4	20.8
11 27	6 23.52	+28 47.1	1.617	2.516	11.5	20.6
12 7	6 13.64	+28 54.7	1.574	2.527	7.2	20.3
12 17	6 1.85	+28 54.1	1.557	2.536	2.9	20.1
12 27	5 49.63	+28 43.5	1.570	2.545	3.6	20.2
1 6	5 38.51	+28 24.1	1.611	2.554	7.9	20.4
1 16	5 29.74	+27 59.1	1.679	2.562	12.0	20.7
1 26	5 24.09	+27 32.8	1.769	2.569	15.5	20.9

78231 2002 OK_{15} 12 21.0 56°.64 3°.9/20.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.71	+13 25.8	2.036	2.853	13.3	19.2
11 27	6 16.26	+12 45.8	1.980	2.873	10.1	19.0
12 7	6 8.92	+12 12.3	1.949	2.892	6.8	18.9
12 17	6 0.43	+11 47.2	1.944	2.912	4.2	18.7
12 27	5 51.76	+11 31.7	1.968	2.932	4.7	18.8
1 6	5 43.86	+11 26.2	2.022	2.952	7.4	19.0
1 16	5 37.54	+11 30.3	2.101	2.973	10.5	19.2
1 26	5 33.35	+11 42.7	2.204	2.993	13.2	19.5

345739 2007 DS_{67} 12 21.0 186°.15 0°.5/21.0 14 C

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 27.18	+21 38.4	1.948	2.766	13.7	22.2
11 27	6 20.76	+21 43.8	1.867	2.767	10.3	22.0
12 7	6 11.89	+21 50.6	1.812	2.766	6.2	21.8
12 17	6 1.37	+21 57.2	1.784	2.765	1.9	21.5
12 27	5 50.32	+22 2.8	1.786	2.763	2.8	21.6
1 6	5 39.99	+22 7.1	1.817	2.761	7.1	21.8
1 16	5 31.47	+22 10.9	1.877	2.758	11.0	22.1
1 26	5 25.54	+22 15.5	1.959	2.754	14.4	22.3

439843 1998 QR_{29} 12 21.0 94°.51 0°.0/20.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 27.06	+23 53.6	1.870	2.693	14.0	21.7
11 27	6 20.49	+23 46.8	1.811	2.712	10.4	21.5
12 7	6 11.58	+23 38.7	1.776	2.731	6.3	21.3
12 17	6 1.22	+23 28.3	1.768	2.750	1.8	21.1
12 27	5 50.62	+23 15.3	1.790	2.768	2.7	21.2
1 6	5 41.01	+23 0.7	1.842	2.786	6.9	21.5
1 16	5 33.36	+22 46.3	1.921	2.804	10.7	21.7
1 26	5 28.32	+22 33.9	2.023	2.822	13.8	22.0

218561 2005 EZ_{239} 12 21.0 167°.83 2°.6/21.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 27.96	+16 42.1	1.777	2.594	14.9	21.7
11 27	6 21.40	+16 32.8	1.703	2.599	11.3	21.5
12 7	6 12.30	+16 28.8	1.652	2.603	7.1	21.3
12 17	6 1.48	+16 30.1	1.629	2.607	3.2	21.1
12 27	5 50.18	+16 36.6	1.636	2.609	3.9	21.1
1 6	5 39.69	+16 47.9	1.671	2.611	7.9	21.4
1 16	5 31.15	+17 3.8	1.733	2.612	11.9	21.6
1 26	5 25.32	+17 24.0	1.818	2.613	15.3	21.8

326589 2002 QR_{115} 12 21.0 116°.82 2°.2/21.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.40	+15 18.6	2.418	3.230	11.6	20.5
11 27	6 15.97	+15 28.5	2.344	3.236	8.8	20.3
12 7	6 8.78	+15 44.1	2.294	3.243	5.6	20.1
12 17	6 0.43	+16 5.1	2.273	3.249	2.7	19.9
12 27	5 51.74	+16 30.7	2.282	3.255	3.0	20.0
1 6	5 43.59	+16 59.8	2.321	3.261	6.1	20.2
1 16	5 36.74	+17 31.4	2.389	3.266	9.1	20.4
1 26	5 31.79	+18 4.8	2.482	3.272	11.8	20.6

126917 2002 EE_{128} 12 21.0 154°.13 0°.2/21.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 23.43	+23 37.5	2.349	3.166	11.7	20.5
11 27	6 17.60	+23 48.7	2.272	3.171	8.7	20.3
12 7	6 9.82	+23 59.8	2.220	3.175	5.3	20.1
12 17	6 0.74	+24 9.2	2.197	3.179	1.5	19.8
12 27	5 51.29	+24 16.0	2.204	3.182	2.3	19.9
1 6	5 42.44	+24 20.1	2.242	3.185	5.9	20.1
1 16	5 35.06	+24 22.2	2.308	3.188	9.3	20.4
1 26	5 29.79	+24 23.4	2.398	3.191	12.1	20.5