20256 Adolfneckař 6 14.9 59°.65 1°.5/15.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 4.95	−24 56.8	1.269	2.139	17.9	18.8
5 21	17 59.34	−25 29.7	1.222	2.160	13.5	18.6
5 31	17 50.59	−26 0.8	1.195	2.181	8.4	18.4
6 10	17 39.83	−26 26.6	1.192	2.203	3.2	18.1
6 20	17 28.58	−26 44.7	1.213	2.225	3.1	18.2
6 30	17 18.42	−26 55.1	1.258	2.247	8.1	18.5
7 10	17 10.68	−26 59.7	1.327	2.269	12.6	18.8
7 20	17 6.08	−27 1.6	1.415	2.291	16.4	19.1

358431 2007 DM_{18} 6 14.9 299°.15 5°.4/15.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	18 1.38	−39 2.0	2.276	3.099	12.7	21.0
5 21	17 56.06	−39 31.6	2.190	3.089	10.2	20.8
5 31	17 48.39	−39 50.7	2.127	3.080	7.7	20.6
6 10	17 39.12	−39 55.9	2.088	3.070	5.8	20.5
6 20	17 29.21	−39 45.1	2.076	3.061	5.6	20.5
6 30	17 19.80	−39 18.7	2.090	3.052	7.5	20.6
7 10	17 11.93	−38 39.7	2.129	3.043	10.0	20.7
7 20	17 6.32	−37 52.5	2.191	3.034	12.6	20.9

509584 2008 CS_{200} 6 14.9 140°.40 2°.4/14.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	17 57.85	−15 42.4	2.590	3.429	10.8	22.6
5 21	17 52.64	−15 25.8	2.517	3.437	8.2	22.5
5 31	17 45.90	−15 12.3	2.469	3.445	5.4	22.3
6 10	17 38.20	−15 2.6	2.448	3.452	2.9	22.1
6 20	17 30.20	−14 57.3	2.455	3.460	3.0	22.2
6 30	17 22.59	−14 56.8	2.491	3.467	5.6	22.3
7 10	17 16.04	−15 1.4	2.553	3.473	8.3	22.5
7 20	17 11.02	−15 10.9	2.639	3.480	10.8	22.7

119897 2002 CZ_{277} 6 14.9 242°.01 0°.3/15.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	17 58.53	−24 32.3	2.401	3.247	11.3	20.7
5 21	17 53.46	−24 29.1	2.315	3.241	8.5	20.5
5 31	17 46.57	−24 23.8	2.253	3.235	5.3	20.3
6 10	17 38.47	−24 15.9	2.217	3.229	1.8	20.0
6 20	17 29.91	−24 5.2	2.209	3.222	1.8	20.0
6 30	17 21.73	−23 52.6	2.230	3.216	5.4	20.2
7 10	17 14.73	−23 39.2	2.277	3.209	8.6	20.4
7 20	17 9.48	−23 26.7	2.348	3.202	11.5	20.6

503047 2015 FV_{158} 6 14.9 204°.05 3°.4/15.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	18 4.37	−31 1.6	2.106	2.944	13.0	21.1
5 21	17 58.33	−31 48.1	2.023	2.940	10.1	20.9
5 31	17 49.85	−32 30.1	1.964	2.936	6.8	20.7
6 10	17 39.65	−33 3.8	1.931	2.932	4.0	20.5
6 20	17 28.71	−33 26.4	1.925	2.928	4.0	20.5
6 30	17 18.20	−33 37.1	1.947	2.922	6.9	20.7
7 10	17 9.21	−33 37.5	1.994	2.917	10.2	20.9
7 20	17 2.53	−33 30.6	2.065	2.911	13.2	21.1

325131 2008 EC_{127} 6 14.9 333°.12 2°.1/14.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	17 56.34	−19 54.4	1.222	2.107	17.5	20.5
5 21	17 53.32	−19 36.2	1.145	2.091	13.4	20.2
5 31	17 47.21	−19 19.7	1.087	2.076	8.5	19.9
6 10	17 38.85	−19 5.6	1.050	2.061	3.5	19.5
6 20	17 29.49	−18 55.1	1.036	2.048	3.7	19.5
6 30	17 20.70	−18 49.5	1.046	2.036	9.0	19.7
7 10	17 13.93	−18 50.2	1.076	2.026	14.1	20.0
7 20	17 10.17	−18 58.1	1.125	2.016	18.7	20.2

184636 2005 SD_{13} 6 14.9 223°.39 6°.1/13.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	17 56.26	− 3 56.0	2.698	3.510	11.2	21.0
5 21	17 51.45	− 3 6.4	2.615	3.502	9.2	20.8
5 31	17 45.20	− 2 25.3	2.556	3.494	7.4	20.7
6 10	17 37.99	− 1 55.4	2.523	3.486	6.2	20.6
6 20	17 30.42	− 1 38.6	2.517	3.477	6.4	20.6
6 30	17 23.14	− 1 35.9	2.537	3.468	7.9	20.7
7 10	17 16.77	− 1 46.8	2.583	3.459	9.9	20.8
7 20	17 11.79	− 2 10.0	2.651	3.450	11.9	20.9

188536 2004 RL_{291} 6 14.9 184°.00 8°.0/13.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	17 55.37	+ 3 44.8	2.800	3.580	11.6	20.7
5 21	17 50.70	+ 4 43.0	2.731	3.580	10.1	20.6
5 31	17 44.69	+ 5 28.7	2.684	3.580	8.8	20.5
6 10	17 37.81	+ 5 58.8	2.661	3.579	8.1	20.5
6 20	17 30.62	+ 6 11.4	2.664	3.579	8.2	20.5
6 30	17 23.75	+ 6 5.8	2.691	3.578	9.2	20.5
7 10	17 17.76	+ 5 43.1	2.742	3.576	10.6	20.6
7 20	17 13.10	+ 5 5.8	2.814	3.575	12.2	20.7

512761 2016 UQ_{49} 6 14.9 265°.83 3°.4/15.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	18 0.54	−32 50.3	2.324	3.160	12.0	21.7
5 21	17 55.26	−33 16.6	2.236	3.151	9.3	21.5
5 31	17 47.84	−33 36.7	2.171	3.141	6.4	21.3
6 10	17 38.95	−33 47.9	2.132	3.132	3.9	21.1
6 20	17 29.45	−33 48.5	2.120	3.122	3.8	21.1
6 30	17 20.34	−33 38.7	2.136	3.112	6.3	21.2
7 10	17 12.58	−33 20.2	2.178	3.102	9.3	21.4
7 20	17 6.85	−32 56.3	2.243	3.092	12.2	21.5

241950 2002 DA_3 6 14.9 221°.02 6°.6/15.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 4.68	−44 22.5	2.660	3.452	11.9	20.9
5 21	17 58.41	−45 7.0	2.576	3.446	10.0	20.8
5 31	17 49.82	−45 39.7	2.515	3.440	8.1	20.7
6 10	17 39.62	−45 56.6	2.478	3.433	6.8	20.6
6 20	17 28.78	−45 55.1	2.468	3.426	6.7	20.5
6 30	17 18.42	−45 35.4	2.485	3.419	7.9	20.6
7 10	17 9.58	−45 0.2	2.526	3.412	9.8	20.7
7 20	17 2.96	−44 13.8	2.590	3.404	11.8	20.8

280388 2003 UO_{176} 6 14.9 307°.47 1°.8/14.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	17 58.39	−19 17.3	1.633	2.498	14.8	21.1
5 21	17 54.26	−19 8.0	1.540	2.475	11.4	20.8
5 31	17 47.55	−19 0.9	1.468	2.453	7.3	20.5
6 10	17 38.94	−18 56.3	1.420	2.431	3.0	20.2
6 20	17 29.41	−18 54.5	1.398	2.409	3.2	20.2
6 30	17 20.22	−18 56.1	1.401	2.388	7.7	20.4
7 10	17 12.58	−19 2.0	1.427	2.366	12.2	20.6
7 20	17 7.36	−19 12.9	1.475	2.346	16.2	20.8

282966 2007 RA_{310} 6 15.0 301°.69 10°.7/13.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	17 56.69	+ 1 50.3	1.804	2.618	15.8	20.5
5 21	17 52.48	+ 3 5.5	1.729	2.604	13.7	20.4
5 31	17 46.16	+ 4 4.8	1.673	2.591	11.8	20.2
6 10	17 38.40	+ 4 42.4	1.640	2.578	10.8	20.1
6 20	17 30.02	+ 4 54.5	1.629	2.566	11.1	20.1
6 30	17 22.02	+ 4 39.4	1.641	2.553	12.6	20.2
7 10	17 15.35	+ 3 59.0	1.675	2.541	14.8	20.3
7 20	17 10.68	+ 2 57.6	1.727	2.529	17.2	20.4

103780 2000 DO_5 6 15.0 334°.59 2°.8/14.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	17 56.45	−18 39.5	1.232	2.116	17.5	18.8
5 21	17 53.34	−18 16.3	1.157	2.101	13.4	18.5
5 31	17 47.19	−17 55.7	1.100	2.088	8.6	18.2
6 10	17 38.85	−17 39.2	1.065	2.076	3.9	17.9
6 20	17 29.55	−17 28.3	1.053	2.064	4.1	17.9
6 30	17 20.84	−17 24.5	1.065	2.054	9.1	18.1
7 10	17 14.13	−17 28.9	1.097	2.044	14.1	18.4
7 20	17 10.37	−17 41.5	1.148	2.036	18.6	18.6

381831 2009 VU_{116} 6 15.0 352°.62 1°.6/14.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	18 1.80	−22 57.5	1.691	2.549	14.7	20.4
5 21	17 56.40	−22 0.0	1.616	2.549	11.1	20.2
5 31	17 48.58	−20 57.8	1.564	2.549	7.0	19.9
6 10	17 39.19	−19 52.9	1.537	2.548	2.7	19.7
6 20	17 29.31	−18 48.3	1.537	2.548	3.0	19.7
6 30	17 20.15	−17 47.9	1.564	2.548	7.3	19.9
7 10	17 12.73	−16 55.3	1.615	2.548	11.5	20.2
7 20	17 7.72	−16 13.1	1.689	2.548	15.0	20.4

160705 2000 QE_4 6 15.0 204°.20 2°.5/15.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	18 6.20	−29 31.5	1.787	2.632	14.7	19.8
5 21	17 59.95	−29 45.0	1.705	2.628	11.3	19.6
5 31	17 50.96	−29 52.5	1.645	2.623	7.4	19.3
6 10	17 40.05	−29 51.1	1.611	2.618	3.5	19.1
6 20	17 28.40	−29 39.3	1.603	2.612	3.3	19.0
6 30	17 17.36	−29 17.9	1.622	2.606	7.2	19.3
7 10	17 8.16	−28 50.2	1.667	2.598	11.2	19.5
7 20	17 1.61	−28 20.1	1.734	2.590	14.8	19.7

67831 2000 VV_{50} 6 15.0 317°.35 4°.0/14.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	18 2.46	−26 57.8	1.255	2.129	17.8	18.1
5 21	17 58.41	−28 18.3	1.176	2.114	13.8	17.8
5 31	17 50.72	−29 41.8	1.116	2.100	9.2	17.5
6 10	17 40.18	−31 1.4	1.079	2.087	4.8	17.2
6 20	17 28.15	−32 9.9	1.066	2.074	5.2	17.2
6 30	17 16.50	−33 2.4	1.077	2.061	9.8	17.4
7 10	17 7.11	−33 38.6	1.109	2.049	14.7	17.6
7 20	17 1.25	−34 1.7	1.160	2.038	19.1	17.8

417522 2006 SY_{404} 6 15.0 293°.31 0°.4/15.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	17 55.33	−24 23.4	3.080	3.922	9.2	21.8
5 21	17 50.84	−24 29.8	2.974	3.898	7.0	21.6
5 31	17 44.89	−24 35.2	2.893	3.875	4.4	21.4
6 10	17 37.93	−24 38.8	2.840	3.851	1.5	21.2
6 20	17 30.53	−24 40.3	2.815	3.827	1.5	21.2
6 30	17 23.31	−24 39.8	2.819	3.804	4.4	21.3
7 10	17 16.91	−24 38.0	2.850	3.780	7.2	21.5
7 20	17 11.83	−24 35.8	2.907	3.756	9.7	21.6

39055 2000 UO_{103} 6 15.0 197°.51 2°.4/15.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	18 0.05	−31 2.1	2.681	3.514	10.7	19.5
5 21	17 54.52	−31 18.0	2.596	3.512	8.2	19.4
5 31	17 47.21	−31 28.7	2.536	3.509	5.5	19.2
6 10	17 38.72	−31 32.6	2.503	3.506	2.9	19.0
6 20	17 29.78	−31 28.8	2.498	3.503	2.8	19.0
6 30	17 21.24	−31 17.5	2.521	3.500	5.3	19.2
7 10	17 13.85	−31 0.5	2.572	3.496	8.1	19.3
7 20	17 8.18	−30 39.9	2.646	3.492	10.6	19.5

229575 2006 BA_1 6 15.0 163°.23 0°.5/14.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 1.91	−22 54.6	2.072	2.919	12.8	21.3
5 21	17 56.13	−22 40.8	1.996	2.923	9.7	21.1
5 31	17 48.28	−22 25.3	1.944	2.927	6.0	20.8
6 10	17 39.08	−22 8.0	1.918	2.930	2.1	20.6
6 20	17 29.44	−21 49.3	1.920	2.933	2.1	20.6
6 30	17 20.35	−21 30.4	1.950	2.935	6.0	20.9
7 10	17 12.70	−21 13.0	2.006	2.937	9.7	21.1
7 20	17 7.12	−20 58.8	2.085	2.939	12.8	21.3

392121 2009 FU_{31} 6 15.0 335°.22 6°.2/14.1 16

5 11	17 55.28	−10 4.3	1.693	2.549	14.8	20.3
5 21	17 51.57	− 9 14.4	1.614	2.537	11.8	20.1
5 31	17 45.67	− 8 32.4	1.557	2.525	8.7	19.9
6 10	17 38.26	− 8 1.9	1.523	2.515	6.4	19.7
6 20	17 30.23	− 7 45.7	1.514	2.504	6.7	19.7
6 30	17 22.64	− 7 45.3	1.530	2.495	9.4	19.8
7 10	17 16.46	− 8 0.4	1.568	2.486	12.7	20.0
7 20	17 12.40	− 8 29.1	1.626	2.479	15.8	20.2

342791 2008 WJ_{125} 6 15.0 147°.99 0°.4/15.1 18

5 11	18 1.81	−25 50.3	2.492	3.330	11.2	21.4
5 21	17 55.70	−25 34.2	2.418	3.340	8.4	21.2
5 31	17 47.85	−25 14.5	2.369	3.349	5.3	21.0
6 10	17 38.91	−24 50.9	2.347	3.358	1.8	20.8
6 20	17 29.66	−24 23.8	2.354	3.366	1.8	20.8
6 30	17 20.95	−23 54.7	2.390	3.374	5.2	21.1
7 10	17 13.50	−23 25.5	2.453	3.381	8.3	21.3
7 20	17 7.83	−22 58.2	2.541	3.387	11.0	21.5

92259 2000 AG_{245} 6 15.0 201°.44 6°.7/13.6 18

5 11	17 55.53	− 0 39.9	2.846	3.645	11.0	20.2
5 21	17 50.83	+ 0 9.8	2.770	3.642	9.3	20.0
5 31	17 44.79	+ 0 49.4	2.717	3.638	7.7	19.9
6 10	17 37.88	+ 1 16.2	2.689	3.635	6.8	19.9
6 20	17 30.66	+ 1 28.7	2.688	3.631	6.9	19.9
6 30	17 23.73	+ 1 25.9	2.713	3.627	8.1	19.9
7 10	17 17.66	+ 1 8.7	2.762	3.623	9.8	20.0
7 20	17 12.90	+ 0 38.9	2.834	3.618	11.6	20.2

83457 2001 SG_{63} 6 15.0 303°.47 1°.2/14.9 17

5 11	17 58.32	−19 59.5	2.021	2.875	12.8	19.6
5 21	17 53.59	−19 55.4	1.939	2.869	9.7	19.4
5 31	17 46.81	−19 52.6	1.881	2.864	6.1	19.1
6 10	17 38.63	−19 51.2	1.848	2.859	2.4	18.9
6 20	17 29.91	−19 51.1	1.842	2.853	2.4	18.9
6 30	17 21.61	−19 52.8	1.863	2.848	6.2	19.1
7 10	17 14.64	−19 56.8	1.910	2.843	9.9	19.3
7 20	17 9.65	−20 3.8	1.979	2.839	13.1	19.5

408566 2013 LR_1 6 15.0 23°.71 2°.5/14.9 17

5 11	18 1.94	−25 51.4	1.155	2.035	18.6	20.2
5 21	17 57.71	−26 39.9	1.097	2.039	14.2	20.0
5 31	17 49.99	−27 27.6	1.058	2.045	9.0	19.7
6 10	17 39.81	−28 9.6	1.041	2.051	3.9	19.4
6 20	17 28.74	−28 41.8	1.047	2.058	3.9	19.4
6 30	17 18.57	−29 2.6	1.076	2.066	9.0	19.7
7 10	17 10.91	−29 14.1	1.127	2.074	13.9	20.0
7 20	17 6.66	−29 19.3	1.197	2.083	18.1	20.3

230053 2000 SV_{133} 6 15.0 198°.17 5°.0/15.8 18

5 11	18 6.65	−38 50.4	2.436	3.247	12.3	21.3
5 21	17 59.81	−39 14.4	2.350	3.243	9.9	21.2
5 31	17 50.65	−39 27.9	2.287	3.239	7.4	21.0
6 10	17 39.93	−39 27.3	2.251	3.234	5.4	20.9
6 20	17 28.63	−39 10.9	2.242	3.228	5.2	20.8
6 30	17 17.89	−38 39.4	2.261	3.222	7.0	20.9
7 10	17 8.71	−37 56.0	2.306	3.215	9.6	21.1
7 20	17 1.81	−37 5.4	2.375	3.207	12.1	21.2

453408 2009 FE_{74} 6 15.0 36°.04 1°.2/15.0 17

5 11	18 1.08	−19 17.0	1.129	2.011	18.8	20.2
5 21	17 56.75	−19 38.6	1.079	2.023	14.2	20.0
5 31	17 49.18	−20 5.6	1.047	2.036	8.9	19.7
6 10	17 39.48	−20 36.1	1.038	2.050	3.2	19.5
6 20	17 29.12	−21 8.0	1.051	2.064	3.2	19.5
6 30	17 19.76	−21 39.7	1.088	2.080	8.6	19.9
7 10	17 12.78	−22 10.7	1.147	2.096	13.5	20.2
7 20	17 8.98	−22 41.3	1.225	2.112	17.7	20.5

105770 2000 SA_{108} 6 15.0 272°.64 0°.2/14.9 18

5 11	17 59.31	−22 54.8	2.437	3.281	11.3	21.1
5 21	17 54.18	−22 51.8	2.332	3.257	8.5	20.9
5 31	17 47.15	−22 47.8	2.250	3.232	5.4	20.6
6 10	17 38.77	−22 42.3	2.195	3.207	1.8	20.4
6 20	17 29.76	−22 35.1	2.169	3.182	1.9	20.3
6 30	17 20.98	−22 26.7	2.171	3.156	5.5	20.5
7 10	17 13.27	−22 18.2	2.200	3.129	9.0	20.7
7 20	17 7.30	−22 11.0	2.252	3.103	12.1	20.8

98519 2000 VJ_{28} 6 15.0 88°.80 0°.2/15.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 5.63	−21 49.1	1.481	2.340	16.4	19.1
5 21	17 59.56	−22 22.2	1.425	2.358	12.3	18.9
5 31	17 50.68	−22 57.1	1.391	2.376	7.6	18.6
6 10	17 39.96	−23 31.0	1.381	2.393	2.6	18.4
6 20	17 28.68	−24 1.4	1.397	2.410	2.5	18.4
6 30	17 18.26	−24 27.2	1.439	2.427	7.4	18.8
7 10	17 9.92	−24 49.2	1.506	2.443	11.8	19.0
7 20	17 4.39	−25 8.5	1.593	2.459	15.4	19.3

497384 2005 UW_{472} 6 15.0 155°.20 0°.1/15.0 17

5 11	18 2.97	−24 15.1	2.295	3.135	12.0	22.7
5 21	17 56.73	−24 8.6	2.221	3.144	9.0	22.5
5 31	17 48.58	−23 59.9	2.170	3.152	5.6	22.3
6 10	17 39.19	−23 48.2	2.147	3.159	1.9	22.1
6 20	17 29.43	−23 33.7	2.153	3.166	1.9	22.1
6 30	17 20.20	−23 17.4	2.188	3.172	5.5	22.4
7 10	17 12.33	−23 0.8	2.249	3.177	8.9	22.6
7 20	17 6.39	−22 45.7	2.334	3.182	11.8	22.8

302443 2002 EM_{55} 6 15.0 205°.66 5°.0/14.2 18

5 11	17 56.61	− 4 23.2	3.168	3.973	9.9	22.2
5 21	17 51.53	− 3 55.3	3.081	3.966	8.1	22.1
5 31	17 45.20	− 3 35.1	3.019	3.959	6.3	22.0
6 10	17 38.04	− 3 24.5	2.984	3.951	5.2	21.9
6 20	17 30.56	− 3 24.4	2.977	3.943	5.3	21.9
6 30	17 23.32	− 3 35.1	2.997	3.934	6.6	22.0
7 10	17 16.86	− 3 56.1	3.044	3.925	8.4	22.1
7 20	17 11.59	− 4 26.2	3.115	3.915	10.3	22.2

329959 2005 QG_{143} 6 15.0 315°.66 2°.2/14.8 17

5 11	17 58.11	−19 26.0	1.344	2.220	16.7	21.0
5 21	17 54.54	−19 9.3	1.257	2.199	12.8	20.7
5 31	17 47.98	−18 54.4	1.191	2.178	8.3	20.3
6 10	17 39.19	−18 42.3	1.147	2.158	3.5	20.0
6 20	17 29.34	−18 33.6	1.127	2.138	3.7	20.0
6 30	17 19.91	−18 29.6	1.130	2.119	8.8	20.2
7 10	17 12.33	−18 31.8	1.156	2.101	13.8	20.4
7 20	17 7.63	−18 40.9	1.201	2.084	18.3	20.6

468501 2005 JY_{184} 6 15.0 310°.41 5°.2/14.6 17

5 11	17 58.00	−13 30.2	1.331	2.202	17.2	20.7
5 21	17 54.53	−13 2.2	1.238	2.173	13.5	20.4
5 31	17 48.06	−12 41.6	1.164	2.145	9.4	20.1
6 10	17 39.27	−12 31.5	1.113	2.116	5.8	19.8
6 20	17 29.24	−12 34.0	1.084	2.088	6.0	19.7
6 30	17 19.45	−12 50.6	1.079	2.061	10.2	19.9
7 10	17 11.38	−13 20.9	1.095	2.034	15.0	20.1
7 20	17 6.16	−14 3.3	1.130	2.008	19.6	20.3

370173 2002 AD_{156} 6 15.0 178°.42 5°.4/15.9 17

5 11	18 7.43	−39 53.4	2.405	3.212	12.5	21.6
5 21	18 0.43	−40 22.9	2.325	3.214	10.1	21.4
5 31	17 51.05	−40 41.2	2.269	3.216	7.7	21.3
6 10	17 40.09	−40 44.5	2.238	3.217	5.8	21.1
6 20	17 28.58	−40 31.0	2.235	3.217	5.6	21.1
6 30	17 17.69	−40 1.3	2.259	3.216	7.3	21.2
7 10	17 8.44	−39 18.9	2.310	3.215	9.7	21.4
7 20	17 1.54	−38 28.5	2.384	3.213	12.2	21.6

462118 2007 RE_{133} 6 15.0 284°.59 4°.1/14.7 17

5 11	18 0.90	−15 30.6	1.394	2.261	16.8	21.4
5 21	17 56.45	−15 3.6	1.311	2.245	13.1	21.1
5 31	17 49.08	−14 41.8	1.248	2.229	8.8	20.8
6 10	17 39.55	−14 27.2	1.207	2.213	4.8	20.5
6 20	17 29.03	−14 21.4	1.191	2.197	5.0	20.5
6 30	17 18.97	−14 25.7	1.199	2.181	9.3	20.7
7 10	17 10.74	−14 40.4	1.230	2.166	14.0	20.9
7 20	17 5.30	−15 4.9	1.280	2.150	18.2	21.1

513285 2006 WT_{207} 6 15.0 186°.15 1°.6/14.8 18

5 11	17 57.70	−17 37.6	2.807	3.645	10.1	22.2
5 21	17 52.54	−17 32.4	2.724	3.645	7.7	22.0
5 31	17 45.91	−17 29.4	2.666	3.644	4.9	21.9
6 10	17 38.31	−17 28.7	2.635	3.643	2.2	21.7
6 20	17 30.35	−17 30.4	2.633	3.641	2.3	21.7
6 30	17 22.71	−17 34.8	2.660	3.639	5.0	21.8
7 10	17 16.03	−17 42.0	2.714	3.637	7.8	22.0
7 20	17 10.77	−17 52.3	2.793	3.635	10.2	22.2

338507 2003 QV_7 6 15.0 328°.04 4°.0/15.3 16

5 11	17 57.92	−30 55.1	1.363	2.236	16.8	20.2
5 21	17 54.70	−31 20.6	1.276	2.213	13.1	19.9
5 31	17 48.24	−31 39.3	1.209	2.191	8.9	19.6
6 10	17 39.33	−31 47.0	1.164	2.170	4.9	19.3
6 20	17 29.25	−31 41.0	1.142	2.150	4.7	19.3
6 30	17 19.65	−31 21.1	1.143	2.130	8.9	19.4
7 10	17 12.12	−30 50.9	1.166	2.112	13.6	19.6
7 20	17 7.74	−30 15.4	1.209	2.096	17.9	19.9

28423 1999 WN_3 6 15.0 272°.55 1°.4/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	17 57.17	−19 12.3	2.398	3.245	11.3	18.8
5 21	17 52.44	−19 6.1	2.312	3.239	8.5	18.6
5 31	17 45.98	−19 1.5	2.251	3.232	5.4	18.4
6 10	17 38.37	−18 58.4	2.216	3.226	2.2	18.1
6 20	17 30.30	−18 57.2	2.209	3.219	2.3	18.1
6 30	17 22.58	−18 58.1	2.230	3.213	5.5	18.3
7 10	17 15.95	−19 1.8	2.277	3.206	8.7	18.5
7 20	17 10.98	−19 8.4	2.347	3.200	11.6	18.7

66528 1999 RV_{105} 6 15.0 251°.85 5°.2/13.7 18

5 11	17 59.63	−12 9.7	2.012	2.855	13.4	19.2
5 21	17 54.52	−11 5.0	1.927	2.843	10.5	19.0
5 31	17 47.38	−10 3.8	1.864	2.832	7.6	18.8
6 10	17 38.86	− 9 9.7	1.827	2.820	5.4	18.6
6 20	17 29.81	− 8 25.8	1.817	2.807	5.8	18.6
6 30	17 21.16	− 7 54.6	1.834	2.795	8.4	18.7
7 10	17 13.81	− 7 37.2	1.875	2.782	11.5	18.9
7 20	17 8.39	− 7 33.4	1.938	2.769	14.5	19.1

77760 2001 PW_{38} 6 15.0 268°.89 8°.0/14.9 18

5 11	18 6.23	−43 28.2	2.150	2.956	13.9	18.6
5 21	18 0.30	−44 42.4	2.067	2.946	11.7	18.4
5 31	17 51.43	−45 45.1	2.006	2.936	9.6	18.3
6 10	17 40.36	−46 30.0	1.969	2.925	8.2	18.2
6 20	17 28.26	−46 52.6	1.957	2.915	8.2	18.2
6 30	17 16.59	−46 51.7	1.971	2.904	9.7	18.2
7 10	17 6.73	−46 30.3	2.008	2.894	11.9	18.3
7 20	16 59.65	−45 53.6	2.066	2.883	14.2	18.5

25730 2000 AY_{189} 6 15.0 273°.43 5°.3/13.7 18

5 11	17 59.10	−11 49.5	1.987	2.830	13.5	17.7
5 21	17 54.23	−10 48.4	1.894	2.812	10.6	17.5
5 31	17 47.27	− 9 51.2	1.825	2.793	7.7	17.3
6 10	17 38.85	− 9 1.2	1.781	2.773	5.5	17.1
6 20	17 29.81	− 8 21.4	1.763	2.754	5.9	17.1
6 30	17 21.10	− 7 54.5	1.772	2.734	8.6	17.2
7 10	17 13.66	− 7 41.6	1.806	2.714	11.8	17.4
7 20	17 8.16	− 7 42.4	1.860	2.694	14.9	17.5

155958 2001 QL_{106} 6 15.0 328°.83 24°.8/25.6 18

5 11	18 3.48	−55 8.6	0.945	1.777	25.6	18.1
5 21	18 5.00	−59 50.9	0.876	1.738	24.9	17.9
5 31	17 59.57	−64 25.5	0.824	1.700	24.9	17.7
6 10	17 45.19	−68 27.3	0.787	1.664	25.9	17.6
6 20	17 21.40	−71 29.2	0.765	1.629	27.8	17.5
6 30	16 52.89	−73 12.1	0.755	1.597	30.1	17.5
7 10	16 29.54	−73 38.4	0.753	1.567	32.6	17.5
7 20	16 19.71	−73 6.6	0.758	1.540	35.0	17.6

322517 2011 YH_1 6 15.0 166°.86 0°.2/15.0 17

5 11	18 4.54	−21 37.8	1.604	2.460	15.5	21.1
5 21	17 58.78	−21 56.1	1.532	2.463	11.7	20.9
5 31	17 50.28	−22 16.0	1.481	2.465	7.3	20.6
6 10	17 39.91	−22 35.7	1.455	2.467	2.5	20.3
6 20	17 28.81	−22 53.6	1.456	2.469	2.5	20.4
6 30	17 18.34	−23 9.2	1.483	2.470	7.3	20.7
7 10	17 9.71	−23 23.2	1.535	2.471	11.7	20.9
7 20	17 3.74	−23 36.9	1.608	2.471	15.4	21.1

127727 2003 EE_{49} 6 15.0 7°.73 0°.7/15.1 17

5 11	17 57.71	−26 6.8	1.220	2.103	17.6	19.2
5 21	17 54.23	−25 50.5	1.159	2.104	13.3	18.9
5 31	17 47.66	−25 28.6	1.117	2.106	8.4	18.6
6 10	17 39.02	−25 0.8	1.097	2.110	3.0	18.3
6 20	17 29.72	−24 27.8	1.101	2.114	2.8	18.3
6 30	17 21.31	−23 52.6	1.127	2.120	8.2	18.7
7 10	17 15.12	−23 19.0	1.176	2.127	13.1	19.0
7 20	17 11.94	−22 50.3	1.244	2.135	17.2	19.2

245617 2005 WZ_{120} 6 15.0 230°.90 0°.2/15.0 17

5 11	18 5.20	−21 38.6	1.460	2.320	16.5	20.4
5 21	17 59.71	−22 9.9	1.381	2.314	12.6	20.2
5 31	17 51.12	−22 44.5	1.322	2.307	7.9	19.9
6 10	17 40.27	−23 19.9	1.288	2.300	2.7	19.5
6 20	17 28.40	−23 53.0	1.280	2.293	2.7	19.5
6 30	17 17.04	−24 22.2	1.297	2.285	8.0	19.8
7 10	17 7.66	−24 47.7	1.338	2.277	12.8	20.1
7 20	17 1.24	−25 10.8	1.400	2.269	17.0	20.3

106279 2000 UN_{72} 6 15.0 220°.76 0°.7/15.0 18

5 11	17 59.47	−24 7.7	2.381	3.225	11.5	19.4
5 21	17 54.27	−24 34.8	2.298	3.223	8.6	19.2
5 31	17 47.18	−25 1.6	2.239	3.220	5.4	19.0
6 10	17 38.80	−25 26.5	2.207	3.218	2.0	18.8
6 20	17 29.90	−25 48.2	2.203	3.215	1.9	18.8
6 30	17 21.35	−26 6.1	2.228	3.212	5.4	19.0
7 10	17 13.98	−26 20.5	2.279	3.209	8.7	19.2
7 20	17 8.39	−26 32.6	2.354	3.206	11.5	19.4

164256 2004 TQ_{262} 6 15.0 274°.33 4°.5/15.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 5.89	−31 3.6	1.492	2.347	16.5	20.7
5 21	18 0.72	−31 53.5	1.399	2.325	13.0	20.4
5 31	17 52.07	−32 39.2	1.327	2.303	8.9	20.1
6 10	17 40.70	−33 15.1	1.278	2.281	5.3	19.9
6 20	17 27.89	−33 36.2	1.254	2.258	5.3	19.8
6 30	17 15.41	−33 40.3	1.255	2.235	9.2	20.0
7 10	17 4.97	−33 30.0	1.279	2.212	13.8	20.1
7 20	16 57.82	−33 10.4	1.323	2.189	18.0	20.3

302394 2002 CF_{89} 6 15.0 189°.78 3°.4/15.6 18

5 11	18 1.48	−35 10.0	2.811	3.632	10.6	21.7
5 21	17 55.58	−35 25.0	2.727	3.631	8.3	21.6
5 31	17 47.89	−35 32.5	2.667	3.630	5.8	21.4
6 10	17 39.02	−35 30.6	2.633	3.628	3.8	21.3
6 20	17 29.73	−35 18.2	2.628	3.625	3.6	21.2
6 30	17 20.87	−34 56.0	2.652	3.623	5.6	21.4
7 10	17 13.20	−34 26.2	2.702	3.620	8.0	21.5
7 20	17 7.30	−33 51.6	2.777	3.616	10.4	21.7

497502 2006 AP_{105} 6 15.0 280°.36 1°.8/14.9 17

5 11	18 0.05	−18 51.4	1.757	2.615	14.3	21.1
5 21	17 55.25	−18 47.4	1.673	2.605	10.9	20.9
5 31	17 48.04	−18 46.1	1.612	2.595	6.9	20.6
6 10	17 39.15	−18 47.7	1.575	2.585	2.9	20.3
6 20	17 29.55	−18 51.9	1.564	2.575	2.9	20.3
6 30	17 20.39	−18 59.2	1.580	2.566	7.1	20.6
7 10	17 12.74	−19 9.9	1.621	2.556	11.2	20.8
7 20	17 7.38	−19 24.4	1.683	2.546	14.9	21.0

239591 2008 UX_{37} 6 15.0 50°.60 4°.2/15.2 17

5 11	18 5.10	−30 11.9	1.225	2.095	18.5	20.7
5 21	18 0.08	−30 53.8	1.165	2.100	14.3	20.5
5 31	17 51.47	−31 29.1	1.125	2.106	9.5	20.2
6 10	17 40.38	−31 52.5	1.106	2.112	5.1	20.0
6 20	17 28.39	−32 0.4	1.111	2.118	5.0	20.0
6 30	17 17.39	−31 53.0	1.139	2.125	9.2	20.2
7 10	17 8.98	−31 34.4	1.190	2.131	13.8	20.5
7 20	17 4.08	−31 10.2	1.259	2.138	17.9	20.8

277486 2005 WV_{61} 6 15.0 350°.47 0°.8/15.2 17

5 11	17 58.08	−26 20.6	1.292	2.171	17.1	19.8
5 21	17 54.51	−26 6.4	1.222	2.165	13.0	19.6
5 31	17 47.87	−25 46.5	1.171	2.159	8.2	19.3
6 10	17 39.13	−25 20.1	1.143	2.155	3.0	19.0
6 20	17 29.60	−24 47.8	1.138	2.151	2.8	18.9
6 30	17 20.84	−24 12.2	1.157	2.149	8.1	19.2
7 10	17 14.20	−23 37.2	1.198	2.147	13.0	19.5
7 20	17 10.53	−23 6.2	1.259	2.147	17.3	19.8

348195 2004 QV_{18} 6 15.0 327°.79 2°.9/15.1 17

5 11	17 57.72	−27 24.5	1.034	1.926	19.3	20.3
5 21	17 55.24	−27 52.1	0.958	1.907	15.0	19.9
5 31	17 48.94	−28 16.5	0.900	1.889	9.8	19.6
6 10	17 39.67	−28 33.5	0.862	1.873	4.4	19.2
6 20	17 28.97	−28 39.5	0.845	1.857	4.3	19.2
6 30	17 18.86	−28 34.1	0.849	1.842	10.0	19.4
7 10	17 11.29	−28 20.3	0.873	1.829	15.7	19.7
7 20	17 7.53	−28 2.8	0.913	1.817	20.8	19.9

113623 2002 TO_{63} 6 15.0 30°.83 2°.8/15.3 16

5 11	18 4.08	−28 47.5	1.146	2.022	19.0	19.9
5 21	17 59.41	−29 1.9	1.085	2.025	14.6	19.6
5 31	17 51.08	−29 9.3	1.043	2.028	9.4	19.4
6 10	17 40.25	−29 6.1	1.022	2.032	4.3	19.1
6 20	17 28.55	−28 50.6	1.024	2.035	4.0	19.1
6 30	17 17.88	−28 24.6	1.050	2.040	9.1	19.4
7 10	17 9.87	−27 52.9	1.097	2.044	14.1	19.7
7 20	17 5.40	−27 20.7	1.162	2.049	18.5	19.9

390747 2003 SQ_{186} 6 15.0 253°.77 7°.2/15.8 17

5 11	18 6.52	−42 31.7	2.092	2.902	14.1	21.0
5 21	18 0.40	−43 14.2	2.005	2.890	11.7	20.8
5 31	17 51.39	−43 43.6	1.939	2.878	9.3	20.7
6 10	17 40.33	−43 54.7	1.897	2.865	7.5	20.5
6 20	17 28.42	−43 44.1	1.881	2.853	7.3	20.5
6 30	17 17.08	−43 12.0	1.890	2.840	9.0	20.6
7 10	17 7.64	−42 22.3	1.924	2.826	11.5	20.7
7 20	17 0.95	−41 21.1	1.980	2.813	14.2	20.8

182817 2002 AV_{151} 6 15.0 267°.76 8°.2/15.2 18

5 11	17 57.50	+ 2 49.5	2.348	3.138	13.3	19.9
5 21	17 52.63	+ 3 9.1	2.269	3.132	11.4	19.8
5 31	17 46.09	+ 3 13.0	2.212	3.126	9.6	19.6
6 10	17 38.43	+ 2 58.4	2.179	3.120	8.4	19.5
6 20	17 30.33	+ 2 24.1	2.171	3.113	8.4	19.5
6 30	17 22.56	+ 1 30.9	2.189	3.107	9.6	19.6
7 10	17 15.84	+ 0 21.4	2.231	3.101	11.5	19.7
7 20	17 10.71	− 1 0.7	2.295	3.095	13.5	19.8

228376 2000 WJ_{71} 6 15.0 157°.81 0°.1/15.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 2.74	−25 33.1	1.956	2.805	13.4	20.0
5 21	17 56.88	−24 59.0	1.881	2.808	10.1	19.8
5 31	17 48.82	−24 19.8	1.828	2.811	6.3	19.5
6 10	17 39.36	−23 35.9	1.802	2.813	2.2	19.3
6 20	17 29.47	−22 48.7	1.803	2.816	2.1	19.3
6 30	17 20.23	−22 0.8	1.832	2.818	6.3	19.5
7 10	17 12.58	−21 15.5	1.887	2.820	10.1	19.8
7 20	17 7.14	−20 35.4	1.965	2.821	13.4	20.0

16997 Garrone 6 15.0 358°.78 3°.1/14.9 18

5 11	17 57.26	−26 10.1	0.970	1.867	19.9	16.9
5 21	17 54.80	−27 1.7	0.911	1.862	15.2	16.6
5 31	17 48.54	−27 53.0	0.869	1.860	9.8	16.3
6 10	17 39.48	−28 38.7	0.848	1.858	4.4	16.0
6 20	17 29.27	−29 13.7	0.847	1.858	4.5	16.0
6 30	17 19.94	−29 35.9	0.867	1.860	9.9	16.3
7 10	17 13.31	−29 47.2	0.907	1.863	15.3	16.6
7 20	17 10.43	−29 50.9	0.964	1.868	19.9	16.9

38398 1999 RC_{195} 6 15.0 250°.97 0°.8/14.9 18

5 11	17 58.30	−21 55.1	2.504	3.349	11.0	18.9
5 21	17 53.25	−21 34.1	2.412	3.338	8.3	18.7
5 31	17 46.49	−21 11.8	2.345	3.327	5.2	18.5
6 10	17 38.57	−20 48.5	2.304	3.315	1.9	18.2
6 20	17 30.21	−20 24.8	2.292	3.303	2.0	18.2
6 30	17 22.20	−20 2.1	2.308	3.291	5.3	18.4
7 10	17 15.27	−19 41.6	2.351	3.279	8.5	18.6
7 20	17 9.98	−19 24.7	2.417	3.267	11.4	18.8

248479 2005 UQ_{159} 6 15.0 264°.60 5°.3/14.2 18

5 11	17 56.46	− 8 19.8	2.345	3.177	12.0	20.4
5 21	17 51.88	− 7 40.7	2.262	3.169	9.6	20.2
5 31	17 45.63	− 7 8.9	2.203	3.161	7.2	20.0
6 10	17 38.28	− 6 47.0	2.169	3.153	5.5	19.9
6 20	17 30.50	− 6 36.4	2.163	3.145	5.7	19.9
6 30	17 23.06	− 6 38.2	2.182	3.137	7.6	20.0
7 10	17 16.66	− 6 51.9	2.227	3.129	10.2	20.2
7 20	17 11.85	− 7 16.2	2.294	3.121	12.7	20.3

211136 2002 GY_{84} 6 15.0 351°.91 2°.0/14.8 18

5 11	17 58.30	−22 42.6	1.051	1.942	19.2	18.8
5 21	17 55.42	−23 53.0	0.985	1.935	14.6	18.5
5 31	17 48.91	−25 10.3	0.938	1.928	9.3	18.2
6 10	17 39.65	−26 28.9	0.912	1.924	3.6	17.9
6 20	17 29.11	−27 42.2	0.908	1.920	3.8	17.9
6 30	17 19.23	−28 45.0	0.926	1.918	9.5	18.2
7 10	17 11.80	−29 36.0	0.965	1.918	15.0	18.5
7 20	17 7.99	−30 16.2	1.021	1.918	19.6	18.7

180129 2003 FF_{71} 6 15.0 331°.83 4°.8/15.2 18

5 11	18 0.47	−34 22.0	1.925	2.769	13.8	19.4
5 21	17 55.75	−35 7.7	1.844	2.761	10.9	19.2
5 31	17 48.46	−35 46.2	1.785	2.753	7.8	19.0
6 10	17 39.35	−36 13.3	1.750	2.745	5.3	18.8
6 20	17 29.46	−36 26.3	1.741	2.738	5.2	18.8
6 30	17 20.04	−36 24.4	1.759	2.732	7.7	19.0
7 10	17 12.26	−36 10.1	1.800	2.725	10.9	19.1
7 20	17 6.94	−35 47.2	1.864	2.720	14.0	19.3

302368 2002 CM_{19} 6 15.0 135°.52 3°.9/15.8 18

5 11	18 2.76	−37 18.8	2.875	3.688	10.6	22.1
5 21	17 56.45	−37 37.2	2.804	3.701	8.4	22.0
5 31	17 48.37	−37 47.0	2.758	3.713	6.1	21.8
6 10	17 39.19	−37 46.2	2.738	3.725	4.2	21.7
6 20	17 29.69	−37 33.7	2.746	3.736	4.1	21.7
6 30	17 20.71	−37 10.4	2.783	3.747	5.7	21.8
7 10	17 13.00	−36 38.7	2.847	3.758	7.9	22.0
7 20	17 7.08	−36 1.5	2.935	3.768	10.0	22.2

195099 2002 CF_{126} 6 15.0 21°.08 7°.2/16.4 17 R

5 11	18 3.25	−39 39.8	1.400	2.248	17.8	19.4
5 21	17 58.51	−40 5.0	1.340	2.254	14.4	19.2
5 31	17 50.35	−40 13.3	1.300	2.261	10.8	19.0
6 10	17 39.97	−39 59.5	1.282	2.269	7.9	18.9
6 20	17 28.95	−39 21.8	1.286	2.278	7.4	18.9
6 30	17 19.05	−38 23.0	1.315	2.287	9.8	19.0
7 10	17 11.70	−37 10.3	1.365	2.298	13.2	19.3
7 20	17 7.66	−35 51.7	1.436	2.308	16.5	19.5

185459 2007 AD_{8} 6 15.0 44°.11 3°.0/14.9 18

5 11	17 57.39	−13 52.3	2.259	3.102	12.0	20.1
5 21	17 52.63	−13 50.5	2.183	3.104	9.2	19.9
5 31	17 46.12	−13 54.5	2.131	3.106	6.2	19.7
6 10	17 38.46	−14 4.7	2.105	3.108	3.5	19.5
6 20	17 30.38	−14 21.0	2.107	3.111	3.5	19.5
6 30	17 22.69	−14 43.2	2.135	3.113	6.2	19.7
7 10	17 16.14	−15 10.7	2.190	3.115	9.3	19.9
7 20	17 11.30	−15 42.5	2.268	3.118	12.1	20.1

61777 2000 QW_{172} 6 15.0 269°.60 1°.4/15.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 2.15	−27 42.5	1.746	2.600	14.5	19.3
5 21	17 56.93	−27 34.1	1.663	2.593	11.1	19.1
5 31	17 49.13	−27 19.8	1.603	2.585	7.1	18.8
6 10	17 39.56	−26 58.5	1.567	2.578	2.8	18.5
6 20	17 29.30	−26 30.0	1.558	2.570	2.6	18.5
6 30	17 19.64	−25 56.0	1.575	2.562	6.9	18.7
7 10	17 11.71	−25 19.8	1.617	2.554	11.1	19.0
7 20	17 6.28	−24 45.0	1.681	2.547	14.8	19.2

22122 2000 SU_{155} 6 15.0 188°.88 3°.7/14.4 18

5 11	17 57.14	−12 25.0	2.541	3.377	11.1	19.0
5 21	17 52.24	−11 55.2	2.462	3.376	8.6	18.8
5 31	17 45.79	−11 30.1	2.406	3.375	6.0	18.6
6 10	17 38.34	−11 11.2	2.378	3.374	3.9	18.5
6 20	17 30.53	−10 59.6	2.377	3.373	4.1	18.5
6 30	17 23.07	−10 56.0	2.404	3.372	6.3	18.6
7 10	17 16.64	−11 0.5	2.458	3.370	8.9	18.8
7 20	17 11.71	−11 12.7	2.534	3.368	11.4	19.0

40902 1999 TY_{143} 6 15.0 298°.17 9°.5/12.7 18

5 11	17 58.06	− 2 1.8	1.816	2.640	15.3	19.4
5 21	17 53.44	− 0 30.6	1.747	2.636	12.9	19.3
5 31	17 46.76	+ 0 48.2	1.700	2.633	10.8	19.1
6 10	17 38.71	+ 1 48.9	1.676	2.629	9.6	19.1
6 20	17 30.15	+ 2 27.2	1.676	2.625	10.0	19.1
6 30	17 22.08	+ 2 40.8	1.701	2.621	11.7	19.2
7 10	17 15.38	+ 2 30.9	1.747	2.618	14.1	19.3
7 20	17 10.68	+ 2 0.4	1.812	2.614	16.5	19.5

291181 2006 AL_{45} 6 15.0 226°.69 2°.3/14.9 17

5 11	18 4.18	−18 22.5	1.563	2.419	15.8	21.2
5 21	17 58.64	−18 11.3	1.481	2.411	12.1	21.0
5 31	17 50.31	−18 2.9	1.420	2.403	7.8	20.7
6 10	17 40.00	−17 57.8	1.384	2.394	3.4	20.4
6 20	17 28.84	−17 56.2	1.374	2.384	3.5	20.4
6 30	17 18.21	−17 58.7	1.390	2.374	8.0	20.7
7 10	17 9.36	−18 6.1	1.430	2.363	12.6	20.9
7 20	17 3.17	−18 18.9	1.490	2.352	16.5	21.1

260508 Alagna 6 15.0 94°.76 3°.2/14.8 17

5 11	18 5.11	−15 59.7	1.606	2.457	15.7	20.8
5 21	17 58.73	−15 38.8	1.555	2.481	11.9	20.7
5 31	17 49.96	−15 22.8	1.527	2.505	7.8	20.5
6 10	17 39.75	−15 12.7	1.523	2.529	4.0	20.3
6 20	17 29.23	−15 9.0	1.546	2.552	4.1	20.4
6 30	17 19.59	−15 12.4	1.595	2.575	7.7	20.6
7 10	17 11.83	−15 22.7	1.669	2.597	11.5	20.9
7 20	17 6.53	−15 39.3	1.764	2.618	14.7	21.1

290025 2005 QC_{24} 6 15.0 205°.11 1°.1/14.9 18

5 11	17 58.21	−19 50.3	2.535	3.378	10.9	21.3
5 21	17 53.13	−19 47.4	2.451	3.375	8.2	21.2
5 31	17 46.40	−19 45.6	2.391	3.372	5.2	21.0
6 10	17 38.56	−19 44.9	2.359	3.369	2.0	20.7
6 20	17 30.31	−19 45.1	2.354	3.366	2.1	20.7
6 30	17 22.40	−19 46.6	2.379	3.362	5.2	20.9
7 10	17 15.55	−19 50.0	2.429	3.358	8.3	21.1
7 20	17 10.31	−19 55.6	2.504	3.354	11.1	21.3

312686 2010 NZ_{39} 6 15.0 268°.64 5°.5/14.0 18

5 11	17 56.40	− 7 25.1	2.464	3.291	11.7	21.0
5 21	17 51.82	− 6 43.7	2.373	3.275	9.4	20.8
5 31	17 45.62	− 6 9.5	2.306	3.260	7.2	20.6
6 10	17 38.31	− 5 45.1	2.264	3.244	5.6	20.5
6 20	17 30.54	− 5 32.2	2.250	3.228	5.8	20.5
6 30	17 23.04	− 5 32.0	2.262	3.212	7.7	20.6
7 10	17 16.51	− 5 44.2	2.299	3.196	10.1	20.7
7 20	17 11.50	− 6 7.5	2.359	3.180	12.6	20.8

203984 2003 SK_{246} 6 15.0 161°.94 3°.2/15.4 18

5 11	18 3.64	−32 59.2	2.437	3.265	11.8	21.5
5 21	17 57.40	−33 21.2	2.360	3.271	9.1	21.3
5 31	17 49.12	−33 36.4	2.308	3.276	6.2	21.2
6 10	17 39.50	−33 42.3	2.281	3.281	3.7	21.0
6 20	17 29.42	−33 37.8	2.283	3.285	3.6	21.0
6 30	17 19.85	−33 23.2	2.314	3.289	6.0	21.2
7 10	17 11.67	−33 0.8	2.370	3.292	8.8	21.4
7 20	17 5.50	−32 33.8	2.451	3.294	11.5	21.5

178351 1996 AO_{6} 6 15.0 22°.36 2°.5/15.3 16

5 11	17 59.18	−29 49.6	1.919	2.772	13.5	20.0
5 21	17 54.44	−30 2.9	1.850	2.777	10.3	19.8
5 31	17 47.43	−30 10.5	1.803	2.783	6.7	19.6
6 10	17 38.95	−30 10.3	1.781	2.788	3.3	19.4
6 20	17 29.97	−30 1.5	1.786	2.795	3.1	19.4
6 30	17 21.60	−29 45.0	1.817	2.802	6.4	19.6
7 10	17 14.81	−29 23.2	1.873	2.809	9.9	19.8
7 20	17 10.25	−28 59.1	1.951	2.816	13.1	20.1

512412 2016 PL_{77} 6 15.0 315°.16 12°.4/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 7.66	−49 54.8	1.567	2.370	18.3	20.3
5 21	18 3.05	−50 57.0	1.469	2.336	16.2	20.1
5 31	17 54.04	−51 39.6	1.389	2.302	14.1	19.8
6 10	17 41.53	−51 52.2	1.328	2.268	12.7	19.6
6 20	17 27.25	−51 26.6	1.289	2.235	12.5	19.5
6 30	17 13.63	−50 20.8	1.271	2.203	14.0	19.5
7 10	17 2.93	−48 41.1	1.274	2.171	16.6	19.6
7 20	16 56.54	−46 38.4	1.296	2.139	19.6	19.7

256640 2007 VR_{313} 6 15.0 192°.95 0°.1/15.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	18 4.45	−23 34.1	1.876	2.724	13.9	22.3
5 21	17 58.41	−23 32.0	1.796	2.723	10.5	22.1
5 31	17 49.94	−23 28.3	1.738	2.721	6.6	21.9
6 10	17 39.83	−23 21.9	1.706	2.718	2.3	21.6
6 20	17 29.09	−23 12.5	1.702	2.715	2.2	21.6
6 30	17 18.90	−23 1.0	1.725	2.711	6.6	21.8
7 10	17 10.32	−22 49.1	1.774	2.706	10.6	22.1
7 20	17 4.09	−22 38.9	1.845	2.701	14.1	22.3

260522 2005 EV_{101} 6 15.0 340°.59 2°.1/15.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	18 1.38	−27 15.7	1.325	2.197	17.2	20.2
5 21	17 57.07	−27 30.9	1.253	2.192	13.1	20.0
5 31	17 49.56	−27 41.7	1.202	2.188	8.4	19.7
6 10	17 39.79	−27 45.3	1.173	2.184	3.5	19.4
6 20	17 29.13	−27 40.2	1.168	2.180	3.4	19.4
6 30	17 19.20	−27 26.9	1.188	2.177	8.3	19.6
7 10	17 11.46	−27 8.7	1.229	2.175	13.1	19.9
7 20	17 6.83	−26 49.2	1.291	2.173	17.3	20.2

29916 1999 JP_{18} 6 15.0 125°.14 3°.2/15.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	18 6.33	−31 54.1	2.117	2.949	13.1	19.7
5 21	17 59.54	−32 18.4	2.052	2.967	10.1	19.6
5 31	17 50.48	−32 35.7	2.012	2.983	6.8	19.4
6 10	17 39.96	−32 43.1	1.997	2.999	3.8	19.2
6 20	17 29.03	−32 39.4	2.011	3.015	3.6	19.3
6 30	17 18.81	−32 25.1	2.052	3.030	6.4	19.5
7 10	17 10.26	−32 3.2	2.120	3.044	9.6	19.7
7 20	17 4.01	−31 37.2	2.211	3.057	12.4	19.9

89433 2001 WM_{41} 6 15.1 204°.34 2°.3/14.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	18 1.30	−17 12.9	2.183	3.026	12.4	19.8
5 21	17 55.68	−16 54.8	2.099	3.021	9.5	19.6
5 31	17 48.09	−16 39.0	2.038	3.016	6.2	19.4
6 10	17 39.18	−16 26.3	2.003	3.010	3.0	19.2
6 20	17 29.76	−16 17.3	1.997	3.004	3.1	19.2
6 30	17 20.74	−16 12.7	2.018	2.997	6.4	19.4
7 10	17 12.99	−16 13.3	2.066	2.990	9.8	19.6
7 20	17 7.12	−16 19.3	2.137	2.982	12.8	19.8

325953 2010 VJ_{90} 6 15.1 272°.93 0°.9/15.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	18 3.45	−25 20.9	1.623	2.481	15.3	21.3
5 21	17 58.34	−25 28.6	1.528	2.460	11.7	21.0
5 31	17 50.31	−25 33.8	1.455	2.439	7.5	20.7
6 10	17 40.08	−25 34.7	1.405	2.417	2.8	20.3
6 20	17 28.80	−25 29.8	1.382	2.394	2.7	20.3
6 30	17 17.86	−25 19.4	1.384	2.372	7.6	20.5
7 10	17 8.67	−25 5.8	1.411	2.349	12.3	20.7
7 20	17 2.21	−24 52.0	1.458	2.326	16.5	20.9

142218 2002 RG_{72} 6 15.1 347°.27 1°.3/15.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	17 57.36	−25 20.4	1.121	2.010	18.4	19.1
5 21	17 54.46	−25 33.4	1.053	2.001	14.1	18.8
5 31	17 48.15	−25 44.1	1.003	1.993	8.9	18.5
6 10	17 39.37	−25 50.2	0.974	1.986	3.3	18.2
6 20	17 29.56	−25 50.1	0.968	1.981	3.2	18.1
6 30	17 20.50	−25 44.3	0.983	1.977	8.9	18.4
7 10	17 13.78	−25 35.3	1.020	1.974	14.2	18.7
7 20	17 10.40	−25 26.3	1.074	1.972	18.8	19.0

238854 2005 VL_{86} 6 15.1 144°.75 1°.4/15.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	18 5.47	−18 54.8	1.482	2.340	16.5	20.9
5 21	17 59.59	−19 7.9	1.415	2.346	12.5	20.6
5 31	17 50.86	−19 25.2	1.369	2.352	7.9	20.4
6 10	17 40.19	−19 45.6	1.347	2.358	3.0	20.1
6 20	17 28.80	−20 7.5	1.351	2.363	3.0	20.1
6 30	17 18.14	−20 30.4	1.381	2.368	7.8	20.4
7 10	17 9.45	−20 54.0	1.436	2.372	12.3	20.7
7 20	17 3.55	−21 18.8	1.511	2.376	16.2	20.9

398584 2011 WF_{64} 6 15.1 126°.44 0°.3/15.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	17 58.90	−25 16.8	2.408	3.254	11.3	21.0
5 21	17 53.71	−25 1.0	2.331	3.257	8.5	20.8
5 31	17 46.77	−24 42.2	2.278	3.260	5.3	20.6
6 10	17 38.71	−24 20.0	2.252	3.263	1.8	20.4
6 20	17 30.29	−23 55.1	2.253	3.266	1.8	20.4
6 30	17 22.34	−23 28.6	2.283	3.269	5.2	20.6
7 10	17 15.61	−23 2.4	2.340	3.272	8.4	20.8
7 20	17 10.63	−22 38.3	2.421	3.275	11.2	21.0

498112 2007 RO_{323} 6 15.1 242°.19 1°.9/14.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 3.58	−19 14.2	1.722	2.574	14.8	22.6
5 21	17 58.05	−18 59.3	1.632	2.561	11.3	22.3
5 31	17 49.91	−18 45.7	1.564	2.546	7.2	22.0
6 10	17 39.90	−18 33.9	1.521	2.531	3.0	21.7
6 20	17 29.05	−18 24.2	1.505	2.515	3.2	21.7
6 30	17 18.62	−18 17.7	1.515	2.499	7.6	21.9
7 10	17 9.78	−18 15.7	1.550	2.482	11.9	22.1
7 20	17 3.40	−18 19.0	1.607	2.465	15.7	22.3

17044 Mubdirahman 6 15.1 93°.92 5°.3/15.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	18 7.02	−32 53.2	1.418	2.272	17.3	18.2
5 21	18 1.29	−33 48.0	1.355	2.279	13.5	17.9
5 31	17 52.17	−34 34.7	1.313	2.286	9.4	17.7
6 10	17 40.69	−35 7.3	1.294	2.293	5.9	17.5
6 20	17 28.34	−35 21.5	1.300	2.301	5.8	17.5
6 30	17 16.89	−35 17.3	1.330	2.308	9.1	17.7
7 10	17 7.86	−34 58.6	1.383	2.314	13.1	18.0
7 20	17 2.15	−34 31.4	1.457	2.321	16.7	18.2

480708 2015 PX_{302} 6 15.1 342°.33 14°.3/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	18 13.01	−60 13.1	1.974	2.703	17.4	20.1
5 21	18 7.28	−61 48.4	1.908	2.695	16.1	19.9
5 31	17 56.73	−63 1.1	1.859	2.687	15.1	19.8
6 10	17 42.44	−63 41.9	1.829	2.679	14.4	19.8
6 20	17 26.53	−63 44.7	1.818	2.672	14.3	19.7
6 30	17 11.76	−63 8.5	1.826	2.666	14.9	19.8
7 10	17 0.50	−61 59.3	1.853	2.661	16.0	19.8
7 20	16 54.01	−60 26.1	1.898	2.656	17.3	19.9

2659 Millis 6 15.1 127°.02 0°.6/14.9 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	17 58.68	−21 42.2	2.479	3.323	11.1	16.9
5 21	17 53.47	−21 38.9	2.405	3.331	8.3	16.7
5 31	17 46.60	−21 35.5	2.356	3.338	5.2	16.5
6 10	17 38.66	−21 31.7	2.334	3.345	1.8	16.3
6 20	17 30.36	−21 27.6	2.340	3.352	1.8	16.3
6 30	17 22.50	−21 23.5	2.374	3.359	5.1	16.5
7 10	17 15.78	−21 20.3	2.435	3.365	8.2	16.7
7 20	17 10.72	−21 18.9	2.520	3.372	10.9	16.9

95465 2002 DR_{8} 6 15.1 12°.46 14°.4/17.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	18 14.08	−60 11.0	1.893	2.625	18.0	18.6
5 21	18 8.08	−61 48.2	1.839	2.628	16.6	18.5
5 31	17 57.16	−63 1.0	1.802	2.632	15.4	18.4
6 10	17 42.55	−63 40.2	1.784	2.636	14.6	18.4
6 20	17 26.52	−63 40.2	1.785	2.641	14.5	18.4
6 30	17 11.91	−63 1.0	1.805	2.647	15.0	18.4
7 10	17 1.00	−61 49.4	1.845	2.654	16.0	18.5
7 20	16 54.90	−60 15.2	1.901	2.661	17.3	18.6

252808 2002 GQ_{12} 6 15.1 0°.67 6°.8/14.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	17 51.64	−14 4.8	0.896	1.800	20.4	19.3
5 21	17 50.24	−13 1.7	0.842	1.795	16.0	19.1
5 31	17 45.50	−12 6.8	0.806	1.793	11.2	18.8
6 10	17 38.45	−11 26.1	0.788	1.792	7.3	18.6
6 20	17 30.57	−11 4.3	0.790	1.794	7.7	18.6
6 30	17 23.58	−11 3.8	0.811	1.797	11.8	18.8
7 10	17 18.96	−11 23.7	0.851	1.803	16.5	19.1
7 20	17 17.56	−12 0.1	0.906	1.811	20.9	19.4

480299 2015 HR_{164} 6 15.1 71°.73 0°.3/15.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	18 1.60	−23 14.4	1.810	2.665	14.1	21.4
5 21	17 56.21	−23 32.4	1.748	2.678	10.6	21.2
5 31	17 48.52	−23 50.1	1.708	2.692	6.6	21.0
6 10	17 39.35	−24 6.0	1.694	2.706	2.3	20.8
6 20	17 29.72	−24 18.7	1.707	2.720	2.2	20.8
6 30	17 20.73	−24 28.3	1.746	2.733	6.4	21.1
7 10	17 13.39	−24 35.6	1.811	2.747	10.2	21.3
7 20	17 8.33	−24 42.1	1.898	2.761	13.5	21.6

499178 2009 SA_{188} 6 15.1 165°.88 2°.6/14.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	18 1.63	−15 34.0	2.331	3.167	12.0	23.3
5 21	17 55.73	−15 20.1	2.255	3.173	9.1	23.1
5 31	17 48.03	−15 9.9	2.203	3.178	6.0	22.9
6 10	17 39.17	−15 3.9	2.178	3.183	3.2	22.7
6 20	17 29.91	−15 2.6	2.181	3.187	3.3	22.7
6 30	17 21.09	−15 6.3	2.213	3.190	6.1	22.9
7 10	17 13.48	−15 15.1	2.272	3.192	9.2	23.1
7 20	17 7.64	−15 29.0	2.354	3.194	12.0	23.3

277204 2005 QV_{88} 6 15.1 156°.13 1°.3/15.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	18 3.46	−26 28.9	1.842	2.693	14.1	21.2
5 21	17 57.72	−26 37.1	1.769	2.696	10.7	21.0
5 31	17 49.54	−26 41.8	1.718	2.700	6.7	20.7
6 10	17 39.74	−26 41.2	1.693	2.703	2.6	20.5
6 20	17 29.36	−26 34.5	1.694	2.706	2.5	20.5
6 30	17 19.60	−26 22.5	1.722	2.709	6.6	20.7
7 10	17 11.53	−26 7.3	1.776	2.711	10.5	21.0
7 20	17 5.84	−25 51.5	1.853	2.713	13.9	21.2

485714 2012 AK_{17} 6 15.1 254°.79 16°.9/17.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 5.63	+ 9 10.0	1.071	1.881	24.5	21.3
5 21	18 0.63	+ 9 55.9	1.006	1.873	21.9	21.0
5 31	17 52.03	+10 5.0	0.956	1.865	19.3	20.8
6 10	17 40.77	+ 9 27.0	0.922	1.857	17.4	20.7
6 20	17 28.27	+ 7 56.8	0.906	1.848	17.0	20.6
6 30	17 16.37	+ 5 37.3	0.910	1.839	18.4	20.7
7 10	17 6.78	+ 2 39.5	0.934	1.830	21.2	20.8
7 20	17 0.63	− 0 41.2	0.975	1.821	24.4	21.0

406456 2007 TP_{434} 6 15.1 244°.06 3°.8/14.8 17

5 11	18 3.15	−14 10.7	1.724	2.572	15.0	22.1
5 21	17 57.70	−13 56.7	1.634	2.558	11.6	21.8
5 31	17 49.71	−13 49.0	1.566	2.542	7.9	21.6
6 10	17 39.87	−13 48.8	1.523	2.527	4.4	21.3
6 20	17 29.18	−13 56.7	1.506	2.510	4.5	21.3
6 30	17 18.83	−14 13.2	1.515	2.493	8.2	21.5
7 10	17 10.00	−14 37.7	1.549	2.475	12.3	21.7
7 20	17 3.54	−15 9.4	1.604	2.457	16.0	21.8

91955 1999 VK_{77} 6 15.1 215°.93 2°.0/15.3 18

5 11	17 59.60	−29 52.2	2.801	3.634	10.3	20.4
5 21	17 54.21	−30 8.4	2.712	3.628	7.9	20.2
5 31	17 47.12	−30 20.4	2.647	3.622	5.2	20.0
6 10	17 38.89	−30 26.7	2.610	3.615	2.6	19.9
6 20	17 30.20	−30 26.4	2.601	3.608	2.5	19.8
6 30	17 21.84	−30 19.6	2.621	3.601	5.0	20.0
7 10	17 14.55	−30 7.6	2.668	3.593	7.8	20.2
7 20	17 8.86	−29 52.5	2.739	3.585	10.3	20.3

6023 Tsuyashima 6 15.1 213°.92 2°.9/14.9 18

5 11	18 2.98	−15 42.2	1.831	2.678	14.3	17.9
5 21	17 57.36	−15 37.4	1.748	2.672	11.0	17.6
5 31	17 49.37	−15 37.8	1.687	2.666	7.2	17.4
6 10	17 39.72	−15 43.8	1.652	2.659	3.6	17.2
6 20	17 29.39	−15 55.5	1.644	2.651	3.7	17.1
6 30	17 19.49	−16 12.8	1.663	2.643	7.3	17.3
7 10	17 11.08	−16 35.3	1.706	2.634	11.2	17.6
7 20	17 4.91	−17 2.7	1.773	2.625	14.7	17.8

375952 2009 WU_{168} 6 15.1 189°.94 1°.2/14.9 17

5 11	18 1.62	−20 18.7	1.959	2.809	13.4	21.6
5 21	17 56.16	−20 10.3	1.881	2.809	10.1	21.4
5 31	17 48.51	−20 2.8	1.826	2.808	6.4	21.1
6 10	17 39.40	−19 56.0	1.796	2.807	2.4	20.9
6 20	17 29.74	−19 50.1	1.793	2.805	2.5	20.9
6 30	17 20.58	−19 45.8	1.818	2.803	6.4	21.1
7 10	17 12.87	−19 44.0	1.869	2.801	10.2	21.3
7 20	17 7.28	−19 45.7	1.942	2.798	13.5	21.6

131275 2001 FL_{66} 6 15.1 75°.80 5°.5/14.8 17

5 11	18 0.47	− 9 5.2	1.843	2.682	14.5	19.4
5 21	17 55.04	− 8 35.4	1.792	2.705	11.4	19.2
5 31	17 47.64	− 8 15.6	1.763	2.727	8.2	19.1
6 10	17 39.04	− 8 7.8	1.759	2.749	5.9	19.0
6 20	17 30.16	− 8 12.8	1.780	2.770	5.9	19.0
6 30	17 21.95	− 8 30.5	1.828	2.792	8.2	19.2
7 10	17 15.23	− 8 59.4	1.901	2.814	11.1	19.4
7 20	17 10.53	− 9 37.1	1.995	2.835	13.8	19.7

509845 2008 YV_{74} 6 15.1 255°.48 1°.1/15.1 18

5 11	18 1.27	−18 58.5	2.185	3.029	12.4	22.6
5 21	17 55.90	−19 12.5	2.087	3.012	9.4	22.4
5 31	17 48.42	−19 29.6	2.012	2.993	6.0	22.2
6 10	17 39.42	−19 49.3	1.964	2.975	2.3	21.9
6 20	17 29.69	−20 10.5	1.944	2.956	2.3	21.9
6 30	17 20.21	−20 32.8	1.952	2.936	6.1	22.1
7 10	17 11.90	−20 55.9	1.986	2.916	9.8	22.3
7 20	17 5.51	−21 20.1	2.044	2.896	13.1	22.4

86160 1999 RM_{205} 6 15.1 256°.65 0°.0/15.1 18

5 11	17 59.21	−25 8.6	2.389	3.234	11.4	19.2
5 21	17 54.04	−24 42.2	2.302	3.227	8.6	19.0
5 31	17 47.05	−24 12.0	2.238	3.220	5.4	18.8
6 10	17 38.88	−23 38.2	2.202	3.213	1.9	18.6
6 20	17 30.29	−23 1.6	2.194	3.206	1.8	18.6
6 30	17 22.13	−22 24.0	2.214	3.199	5.4	18.8
7 10	17 15.17	−21 47.5	2.261	3.192	8.7	19.0
7 20	17 9.99	−21 14.3	2.332	3.185	11.6	19.2

364608 2007 RH_{272} 6 15.1 244°.06 4°.8/14.4 17

5 11	18 2.39	−13 54.3	1.615	2.467	15.6	21.3
5 21	17 57.18	−13 8.6	1.531	2.456	12.2	21.0
5 31	17 49.39	−12 27.4	1.470	2.445	8.4	20.8
6 10	17 39.78	−11 53.5	1.432	2.433	5.3	20.5
6 20	17 29.39	−11 29.4	1.420	2.420	5.6	20.5
6 30	17 19.48	−11 17.4	1.434	2.407	9.0	20.7
7 10	17 11.20	−11 18.0	1.471	2.394	13.0	20.9
7 20	17 5.38	−11 30.8	1.529	2.380	16.7	21.1

501719 2014 UX_{42} 6 15.1 127°.78 1°.7/15.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 6.51	−28 13.1	1.785	2.630	14.6	21.8
5 21	17 59.96	−28 14.6	1.720	2.644	11.1	21.6
5 31	17 50.88	−28 10.3	1.678	2.657	7.1	21.4
6 10	17 40.20	−27 58.5	1.661	2.670	3.0	21.1
6 20	17 29.07	−27 38.7	1.671	2.682	2.7	21.1
6 30	17 18.75	−27 12.6	1.709	2.694	6.7	21.4
7 10	17 10.31	−26 43.2	1.772	2.705	10.6	21.7
7 20	17 4.41	−26 14.1	1.857	2.715	13.9	21.9

475126 2005 UJ_{299} 6 15.1 194°.00 0°.2/15.1 18

5 11	17 58.24	−22 47.4	2.861	3.700	9.9	22.8
5 21	17 53.04	−22 45.5	2.776	3.698	7.4	22.6
5 31	17 46.33	−22 42.9	2.715	3.696	4.6	22.4
6 10	17 38.63	−22 39.0	2.682	3.693	1.6	22.2
6 20	17 30.56	−22 34.0	2.678	3.690	1.6	22.2
6 30	17 22.82	−22 28.1	2.703	3.687	4.6	22.4
7 10	17 16.05	−22 22.3	2.755	3.683	7.5	22.6
7 20	17 10.73	−22 17.5	2.832	3.679	10.0	22.7

277537 2005 YP_{30} 6 15.1 123°.10 1°.7/14.9 17

5 11	18 2.72	−18 2.0	2.275	3.113	12.2	21.6
5 21	17 56.50	−17 59.1	2.212	3.133	9.2	21.4
5 31	17 48.49	−17 58.7	2.173	3.151	5.8	21.2
6 10	17 39.35	−18 0.6	2.161	3.169	2.5	21.1
6 20	17 29.91	−18 4.7	2.177	3.187	2.5	21.1
6 30	17 21.01	−18 11.1	2.222	3.203	5.7	21.3
7 10	17 13.44	−18 20.2	2.294	3.219	8.9	21.5
7 20	17 7.71	−18 32.1	2.390	3.235	11.7	21.8

275968 2001 WG_{40} 6 15.1 227°.59 2°.9/14.4 18

5 11	18 2.00	−16 39.3	2.290	3.127	12.1	21.1
5 21	17 56.19	−15 59.6	2.195	3.114	9.3	20.9
5 31	17 48.45	−15 21.0	2.125	3.100	6.2	20.7
6 10	17 39.40	−14 45.0	2.082	3.086	3.4	20.5
6 20	17 29.80	−14 13.1	2.067	3.071	3.6	20.5
6 30	17 20.56	−13 47.2	2.080	3.054	6.6	20.6
7 10	17 12.50	−13 28.7	2.121	3.038	9.9	20.8
7 20	17 6.25	−13 18.2	2.184	3.020	12.9	21.0

253749 2003 WC_{70} 6 15.1 308°.89 3°.7/14.9 17

5 11	18 2.18	−28 8.6	1.310	2.181	17.4	20.7
5 21	17 58.16	−29 4.4	1.227	2.164	13.5	20.4
5 31	17 50.64	−29 59.4	1.163	2.146	9.0	20.1
6 10	17 40.39	−30 48.4	1.122	2.129	4.7	19.8
6 20	17 28.75	−31 25.8	1.104	2.113	4.7	19.7
6 30	17 17.50	−31 49.1	1.111	2.097	9.3	20.0
7 10	17 8.42	−31 59.4	1.139	2.081	14.2	20.2
7 20	17 2.73	−32 0.5	1.186	2.066	18.7	20.4

211646 2003 UA_{216} 6 15.1 277°.31 2°.8/14.8 18

5 11	18 1.63	−17 40.9	1.515	2.377	15.9	20.2
5 21	17 56.93	−17 22.5	1.427	2.361	12.3	20.0
5 31	17 49.43	−17 7.3	1.361	2.344	8.0	19.7
6 10	17 39.86	−16 56.3	1.318	2.326	3.8	19.4
6 20	17 29.34	−16 50.3	1.300	2.309	3.9	19.3
6 30	17 19.23	−16 50.4	1.307	2.292	8.4	19.6
7 10	17 10.83	−16 57.3	1.338	2.274	13.0	19.8
7 20	17 5.08	−17 11.3	1.389	2.257	17.2	20.0

373597 2002 CX_{140} 6 15.1 100°.70 2°.9/15.8 18

5 11	18 6.48	−32 48.6	1.930	2.766	14.1	20.9
5 21	17 59.72	−32 37.9	1.869	2.785	10.8	20.8
5 31	17 50.61	−32 17.6	1.831	2.804	7.2	20.6
6 10	17 40.09	−31 45.9	1.818	2.822	3.8	20.4
6 20	17 29.28	−31 3.3	1.833	2.840	3.4	20.4
6 30	17 19.37	−30 12.4	1.876	2.858	6.5	20.6
7 10	17 11.33	−29 17.7	1.945	2.875	9.9	20.9
7 20	17 5.74	−28 23.4	2.037	2.892	13.0	21.1

225854 2001 XB_{172} 6 15.1 195°.75 0°.1/15.1 17

5 11	18 2.33	−23 38.0	1.970	2.819	13.3	20.9
5 21	17 56.74	−23 31.3	1.890	2.817	10.1	20.7
5 31	17 48.92	−23 22.7	1.833	2.815	6.3	20.4
6 10	17 39.58	−23 11.7	1.801	2.813	2.2	20.2
6 20	17 29.70	−22 58.2	1.798	2.811	2.1	20.2
6 30	17 20.32	−22 43.2	1.822	2.808	6.3	20.4
7 10	17 12.45	−22 28.5	1.871	2.804	10.1	20.7
7 20	17 6.74	−22 15.9	1.943	2.801	13.4	20.9

161424 2003 WC_{39} 6 15.1 59°.84 3°.1/15.5 17

5 11	18 4.60	−30 50.2	1.409	2.270	17.0	20.3
5 21	17 59.25	−30 55.3	1.346	2.277	13.1	20.1
5 31	17 50.78	−30 51.4	1.303	2.284	8.6	19.9
6 10	17 40.25	−30 35.6	1.284	2.291	4.3	19.6
6 20	17 29.10	−30 7.3	1.289	2.298	3.9	19.6
6 30	17 18.90	−29 28.8	1.319	2.306	8.0	19.9
7 10	17 10.98	−28 44.9	1.372	2.313	12.4	20.1
7 20	17 6.13	−28 0.9	1.446	2.321	16.2	20.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
294984 2008 EH_{17}			6 15.1 325°.40		0°.4/15.0 18	
	h m	° ′			°	m
5 11	17 58.24	−23 20.1	2.147	2.999	12.3	20.8
5 21	17 53.49	−23 0.2	2.066	2.995	9.2	20.6
5 31	17 46.81	−22 38.2	2.008	2.991	5.8	20.4
6 10	17 38.85	−22 14.2	1.975	2.987	2.0	20.1
6 20	17 30.42	−21 48.9	1.971	2.983	2.0	20.1
6 30	17 22.46	−21 23.7	1.993	2.980	5.8	20.3
7 10	17 15.78	−21 0.5	2.042	2.976	9.3	20.5
7 20	17 11.00	−20 40.9	2.114	2.973	12.4	20.7
27591 Rugilmartin			6 15.1 82°.90		1°.5/14.9 18	
5 11	18 3.04	−21 41.1	1.468	2.333	16.2	19.3
5 21	17 57.72	−21 11.5	1.405	2.340	12.3	19.1
5 31	17 49.67	−20 40.6	1.362	2.348	7.7	18.9
6 10	17 39.85	−20 9.3	1.344	2.355	2.9	18.6
6 20	17 29.50	−19 38.9	1.351	2.363	3.0	18.6
6 30	17 19.97	−19 11.9	1.383	2.370	7.7	18.9
7 10	17 12.42	−18 50.5	1.439	2.378	12.1	19.2
7 20	17 7.57	−18 36.4	1.516	2.385	15.9	19.5
15426 1998 SW_{43}			6 15.1 265°.17		0°.7/14.9 18	
5 11	17 54.71	−21 13.3	3.335	4.174	8.6	19.2
5 21	17 50.27	−21 1.5	3.238	4.161	6.5	19.0
5 31	17 44.57	−20 49.5	3.167	4.148	4.1	18.9
6 10	17 38.05	−20 37.3	3.123	4.134	1.5	18.7
6 20	17 31.20	−20 25.3	3.109	4.120	1.5	18.6
6 30	17 24.58	−20 13.9	3.123	4.107	4.1	18.8
7 10	17 18.71	−20 4.0	3.166	4.093	6.6	19.0
7 20	17 14.03	−19 56.2	3.233	4.079	8.9	19.1
357582 2004 TV_{284}			6 15.1 353°.29		7°.1/15.2 17	
5 11	18 1.24	−39 22.9	1.844	2.679	14.7	20.1
5 21	17 56.69	−40 30.4	1.771	2.674	12.0	19.9
5 31	17 49.27	−41 27.3	1.719	2.670	9.4	19.7
6 10	17 39.80	−42 8.0	1.690	2.667	7.4	19.6
6 20	17 29.46	−42 28.4	1.686	2.665	7.4	19.6
6 30	17 19.67	−42 27.8	1.707	2.663	9.3	19.7
7 10	17 11.74	−42 9.0	1.751	2.662	12.0	19.9
7 20	17 6.57	−41 37.2	1.816	2.662	14.7	20.0
249100 2007 VZ_{239}			6 15.1 341°.21		0°.7/15.0 18	
5 11	17 59.14	−20 55.1	1.072	1.960	19.1	19.1
5 21	17 56.07	−21 51.2	1.002	1.950	14.6	18.8
5 31	17 49.40	−22 55.8	0.950	1.940	9.2	18.4
6 10	17 39.98	−24 4.8	0.919	1.932	3.2	18.1
6 20	17 29.24	−25 12.7	0.911	1.924	3.2	18.0
6 30	17 19.06	−26 14.8	0.925	1.918	9.3	18.4
7 10	17 11.25	−27 9.0	0.960	1.913	15.0	18.7
7 20	17 6.99	−27 55.7	1.012	1.909	19.8	18.9
514220 2015 OK_{21}			6 15.1 280°.24		2°.0/15.5 18	
5 11	18 0.29	−30 15.0	2.277	3.119	12.0	21.9
5 21	17 55.13	−30 8.9	2.183	3.104	9.2	21.7
5 31	17 47.90	−29 56.4	2.112	3.089	6.1	21.4
6 10	17 39.26	−29 36.1	2.068	3.075	2.9	21.2
6 20	17 30.05	−29 7.7	2.050	3.060	2.6	21.2
6 30	17 21.26	−28 32.6	2.061	3.045	5.8	21.4
7 10	17 13.79	−27 53.2	2.098	3.030	9.2	21.5
7 20	17 8.29	−27 12.9	2.159	3.016	12.3	21.7
112057 2002 JO_{13}			6 15.1 128°.85		3°.5/15.0 17	
5 11	18 2.76	−14 37.6	1.538	2.394	16.1	19.8
5 21	17 57.46	−14 33.8	1.470	2.398	12.4	19.6
5 31	17 49.54	−14 37.6	1.423	2.402	8.2	19.3
6 10	17 39.85	−14 49.4	1.400	2.406	4.3	19.1
6 20	17 29.52	−15 9.0	1.403	2.410	4.3	19.1
6 30	17 19.82	−15 35.9	1.432	2.414	8.1	19.4
7 10	17 11.91	−16 8.9	1.484	2.417	12.2	19.6
7 20	17 6.53	−16 46.8	1.557	2.420	15.9	19.8
21699 Wolpert			6 15.1 236°.54		0°.1/15.1 18	
5 11	17 58.86	−23 15.5	2.671	3.512	10.5	19.4
5 21	17 53.71	−23 20.7	2.578	3.501	7.9	19.2
5 31	17 46.87	−23 25.1	2.509	3.490	4.9	19.0
6 10	17 38.89	−23 28.2	2.467	3.479	1.7	18.8
6 20	17 30.43	−23 29.4	2.454	3.467	1.6	18.8
6 30	17 22.26	−23 29.1	2.470	3.455	4.9	19.0
7 10	17 15.10	−23 27.9	2.513	3.443	8.0	19.1
7 20	17 9.51	−23 26.8	2.580	3.430	10.8	19.3
349749 2008 YJ_{155}			6 15.1 197°.12		0°.5/15.0 17	
5 11	18 0.24	−21 56.8	2.117	2.966	12.5	21.7
5 21	17 55.04	−21 55.7	2.037	2.965	9.5	21.5
5 31	17 47.81	−21 54.4	1.981	2.964	5.9	21.3
6 10	17 39.24	−21 52.6	1.951	2.962	2.1	21.1
6 20	17 30.15	−21 50.0	1.948	2.961	2.0	21.0
6 30	17 21.51	−21 47.0	1.973	2.959	5.9	21.3
7 10	17 14.21	−21 44.8	2.024	2.957	9.5	21.5
7 20	17 8.86	−21 44.4	2.098	2.955	12.6	21.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
72448 2001 DD_2			6 15.1 255°.48		1°.2/15.0 18	
	h m	° ′			°	m
5 11	18 3.26	−20 26.6	1.697	2.552	14.9	20.3
5 21	17 57.97	−20 23.9	1.606	2.536	11.3	20.0
5 31	17 50.01	−20 22.6	1.536	2.519	7.2	19.8
6 10	17 40.09	−20 22.2	1.491	2.502	2.7	19.4
6 20	17 29.26	−20 22.4	1.473	2.485	2.7	19.4
6 30	17 18.81	−20 23.6	1.481	2.467	7.4	19.7
7 10	17 9.96	−20 26.8	1.514	2.449	11.9	19.9
7 20	17 3.60	−20 33.3	1.568	2.430	15.8	20.1
42668 1998 HR_{20}			6 15.1 128°.69		1°.6/15.2 18	
5 11	18 6.25	−25 54.0	1.676	2.527	15.2	19.0
5 21	18 0.03	−26 22.1	1.610	2.538	11.5	18.8
5 31	17 51.11	−26 47.9	1.567	2.549	7.3	18.5
6 10	17 40.39	−27 8.6	1.549	2.559	2.9	18.3
6 20	17 29.06	−27 22.0	1.557	2.569	2.8	18.3
6 30	17 18.45	−27 28.0	1.592	2.578	7.1	18.6
7 10	17 9.75	−27 28.5	1.652	2.587	11.1	18.8
7 20	17 3.71	−27 26.0	1.734	2.595	14.6	19.1
504630 2008 VB_{49}			6 15.1 186°.05		1°.9/14.8 17	
5 11	18 0.53	−18 54.1	2.296	3.139	11.9	22.5
5 21	17 55.03	−18 28.7	2.215	3.138	9.0	22.3
5 31	17 47.70	−18 4.0	2.158	3.138	5.8	22.1
6 10	17 39.17	−17 40.8	2.128	3.137	2.6	21.9
6 20	17 30.23	−17 20.0	2.127	3.136	2.7	21.9
6 30	17 21.72	−17 2.8	2.153	3.134	5.9	22.1
7 10	17 14.43	−16 50.3	2.206	3.131	9.2	22.3
7 20	17 8.93	−16 43.2	2.283	3.129	12.1	22.5
459593 2013 HX_8			6 15.1 48°.24		0°.9/15.1 17	
5 11	18 4.20	−22 26.0	1.216	2.089	18.3	20.6
5 21	17 59.31	−23 10.5	1.156	2.096	13.8	20.3
5 31	17 51.05	−23 58.0	1.116	2.103	8.7	20.0
6 10	17 40.46	−24 44.8	1.099	2.111	3.1	19.7
6 20	17 28.98	−25 26.7	1.106	2.119	3.0	19.8
6 30	17 18.36	−26 1.6	1.137	2.127	8.5	20.1
7 10	17 10.11	−26 30.0	1.190	2.135	13.5	20.4
7 20	17 5.14	−26 53.5	1.263	2.144	17.7	20.7
518548 2006 XF_{74}			6 15.1 138°.40		2°.6/15.0 18	
5 11	17 58.15	−14 31.4	2.431	3.271	11.4	21.7
5 21	17 53.15	−14 33.5	2.355	3.274	8.7	21.5
5 31	17 46.50	−14 40.7	2.303	3.278	5.8	21.3
6 10	17 38.76	−14 53.1	2.277	3.281	3.1	21.2
6 20	17 30.62	−15 10.5	2.279	3.285	3.1	21.2
6 30	17 22.85	−15 32.7	2.309	3.288	5.8	21.4
7 10	17 16.16	−15 59.0	2.366	3.291	8.7	21.6
7 20	17 11.07	−16 28.8	2.447	3.293	11.4	21.7
46203 2001 FB_{153}			6 15.1 317°.49		6°.2/14.3 18	
5 11	17 57.11	− 9 53.3	1.669	2.522	15.1	19.0
5 21	17 53.14	− 9 9.6	1.587	2.508	12.1	18.7
5 31	17 46.86	− 8 34.4	1.526	2.494	8.9	18.5
6 10	17 38.97	− 8 11.0	1.488	2.480	6.5	18.3
6 20	17 30.38	− 8 2.2	1.476	2.467	6.7	18.3
6 30	17 22.19	− 8 9.0	1.487	2.454	9.4	18.4
7 10	17 15.44	− 8 31.1	1.522	2.442	12.9	18.6
7 20	17 10.88	− 9 6.4	1.577	2.430	16.2	18.8
349339 2007 VW_{76}			6 15.1 11°.46		1°.2/14.9 18	
5 11	17 59.42	−20 11.2	1.981	2.835	13.1	21.3
5 21	17 54.51	−20 3.8	1.905	2.835	9.9	21.1
5 31	17 47.52	−19 57.4	1.852	2.835	6.2	20.9
6 10	17 39.15	−19 52.2	1.824	2.835	2.4	20.6
6 20	17 30.27	−19 48.2	1.824	2.835	2.4	20.6
6 30	17 21.87	−19 46.0	1.850	2.836	6.3	20.9
7 10	17 14.86	−19 46.5	1.902	2.836	9.9	21.1
7 20	17 9.87	−19 50.2	1.976	2.836	13.1	21.3
494387 2016 UH_{48}			6 15.1 295°.41		1°.1/15.2 18	
5 11	17 59.25	−26 28.0	2.167	3.016	12.3	21.7
5 21	17 54.37	−26 33.0	2.083	3.010	9.3	21.5
5 31	17 47.44	−26 34.9	2.023	3.004	5.9	21.3
6 10	17 39.13	−26 32.6	1.988	2.999	2.3	21.0
6 20	17 30.28	−26 25.4	1.981	2.993	2.2	21.0
6 30	17 21.86	−26 13.9	2.001	2.987	5.8	21.2
7 10	17 14.75	−25 59.8	2.047	2.981	9.3	21.4
7 20	17 9.60	−25 45.1	2.116	2.976	12.4	21.6
491780 2012 WB_{16}			6 15.1 253°.00		1°.2/15.0 16	
5 11	17 59.92	−19 36.8	2.109	2.958	12.6	22.2
5 21	17 54.88	−19 39.0	2.021	2.948	9.5	22.0
5 31	17 47.79	−19 43.1	1.957	2.939	6.0	21.8
6 10	17 39.26	−19 48.8	1.918	2.929	2.4	21.5
6 20	17 30.14	−19 55.9	1.907	2.919	2.3	21.5
6 30	17 21.37	−20 4.4	1.924	2.909	6.1	21.7
7 10	17 13.86	−20 14.6	1.966	2.898	9.8	21.9
7 20	17 8.29	−20 27.1	2.032	2.888	13.0	22.1

436207 2009 WK_{249} 6 15.1 235°.44 0°.7/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 3.10	−23 32.4	2.037	2.883	13.1	21.3
5 21	17 57.32	−22 58.5	1.946	2.872	9.9	21.1
5 31	17 49.32	−22 20.8	1.878	2.860	6.2	20.8
6 10	17 39.80	−21 39.7	1.836	2.848	2.2	20.5
6 20	17 29.70	−20 56.5	1.822	2.835	2.3	20.5
6 30	17 20.06	−20 13.4	1.837	2.821	6.4	20.8
7 10	17 11.86	−19 33.4	1.877	2.807	10.3	21.0
7 20	17 5.79	−18 58.9	1.941	2.793	13.7	21.2

346048 2007 UQ_{22} 6 15.1 42°.34 6°.2/14.6 17

5 11	18 5.57	−35 54.6	1.878	2.712	14.5	20.8
5 21	17 59.84	−37 23.0	1.810	2.717	11.6	20.6
5 31	17 51.24	−38 44.2	1.764	2.722	8.7	20.4
6 10	17 40.55	−39 51.8	1.743	2.728	6.5	20.3
6 20	17 28.94	−40 40.6	1.749	2.733	6.6	20.3
6 30	17 17.84	−41 8.9	1.781	2.739	8.8	20.4
7 10	17 8.57	−41 18.7	1.837	2.745	11.7	20.6
7 20	17 2.05	−41 14.5	1.914	2.751	14.4	20.8

355208 2006 YR_{13} 6 15.1 164°.58 2°.8/15.2 18

5 11	17 58.82	−12 21.3	2.666	3.496	10.8	20.7
5 21	17 53.53	−12 32.1	2.586	3.499	8.3	20.6
5 31	17 46.70	−12 49.1	2.531	3.502	5.7	20.4
6 10	17 38.86	−13 12.3	2.504	3.504	3.3	20.2
6 20	17 30.63	−13 41.4	2.504	3.507	3.3	20.2
6 30	17 22.71	−14 15.6	2.534	3.509	5.6	20.4
7 10	17 15.77	−14 54.1	2.591	3.510	8.3	20.6
7 20	17 10.30	−15 35.6	2.673	3.512	10.7	20.7

288515 2004 FG_{121} 6 15.1 101°.28 3°.9/15.0 18

5 11	17 58.63	−11 26.6	2.141	2.981	12.8	20.2
5 21	17 53.69	−11 19.9	2.068	2.985	9.9	20.0
5 31	17 46.93	−11 20.8	2.018	2.988	6.9	19.8
6 10	17 38.95	−11 30.2	1.994	2.992	4.4	19.7
6 20	17 30.54	−11 48.3	1.997	2.995	4.4	19.7
6 30	17 22.55	−12 14.8	2.026	2.999	6.9	19.8
7 10	17 15.78	−12 48.4	2.082	3.003	9.9	20.0
7 20	17 10.79	−13 27.9	2.160	3.006	12.7	20.2

177366 2004 BM_{19} 6 15.1 139°.62 2°.2/14.9 17

5 11	18 3.61	−17 28.1	1.823	2.671	14.3	20.9
5 21	17 57.71	−17 24.7	1.755	2.681	10.8	20.7
5 31	17 49.54	−17 24.9	1.710	2.690	6.9	20.5
6 10	17 39.87	−17 28.9	1.690	2.698	3.1	20.3
6 20	17 29.70	−17 36.4	1.697	2.706	3.1	20.3
6 30	17 20.13	−17 47.5	1.731	2.714	6.9	20.6
7 10	17 12.16	−18 2.2	1.791	2.721	10.7	20.8
7 20	17 6.43	−18 20.6	1.873	2.727	14.0	21.0

423276 2004 WW_{11} 6 15.1 189°.90 1°.1/15.1 17

5 11	18 2.17	−24 53.8	1.909	2.760	13.6	21.2
5 21	17 56.81	−25 18.5	1.832	2.760	10.3	21.0
5 31	17 49.09	−25 42.2	1.777	2.759	6.5	20.7
6 10	17 39.76	−26 2.8	1.748	2.759	2.5	20.5
6 20	17 29.78	−26 18.6	1.746	2.758	2.4	20.5
6 30	17 20.29	−26 29.2	1.771	2.758	6.4	20.7
7 10	17 12.32	−26 35.6	1.822	2.757	10.2	21.0
7 20	17 6.63	−26 39.7	1.895	2.756	13.6	21.2

433807 2015 BJ_{116} 6 15.1 229°.37 3°.1/14.9 17

5 11	18 2.97	−15 40.7	1.866	2.712	14.1	21.7
5 21	17 57.41	−15 25.5	1.778	2.701	10.9	21.5
5 31	17 49.49	−15 14.7	1.713	2.690	7.2	21.2
6 10	17 39.91	−15 9.1	1.673	2.678	3.8	21.0
6 20	17 29.61	−15 9.4	1.659	2.665	3.9	21.0
6 30	17 19.69	−15 16.1	1.673	2.652	7.4	21.2
7 10	17 11.21	−15 29.4	1.712	2.638	11.3	21.4
7 20	17 4.94	−15 49.1	1.773	2.624	14.8	21.6

397415 2006 YA_{33} 6 15.1 99°.11 0°.1/15.1 17

5 11	17 59.36	−21 31.1	2.314	3.160	11.7	21.2
5 21	17 54.26	−21 54.1	2.237	3.163	8.8	21.0
5 31	17 47.30	−22 18.5	2.184	3.166	5.5	20.8
6 10	17 39.11	−22 43.0	2.157	3.169	1.9	20.6
6 20	17 30.43	−23 6.4	2.159	3.172	1.8	20.6
6 30	17 22.13	−23 28.1	2.189	3.174	5.4	20.9
7 10	17 15.03	−23 48.1	2.245	3.177	8.7	21.1
7 20	17 9.71	−24 7.1	2.325	3.180	11.6	21.3

145693 3112 $T\text{-}_3$ 6 15.1 272°.12 1°.6/15.2 18

5 11	18 4.21	−26 37.4	1.676	2.530	15.0	20.8
5 21	17 58.99	−26 52.9	1.578	2.507	11.6	20.5
5 31	17 50.84	−27 5.5	1.502	2.484	7.5	20.2
6 10	17 40.48	−27 12.8	1.450	2.460	3.1	19.9
6 20	17 29.01	−27 12.6	1.425	2.436	2.9	19.8
6 30	17 17.86	−27 5.0	1.425	2.412	7.6	20.0
7 10	17 8.40	−26 51.9	1.450	2.387	12.2	20.2
7 20	17 1.64	−26 36.8	1.497	2.362	16.3	20.4

345925 2007 RA_{215} 6 15.1 250°.00 1°.7/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 0.00	−19 14.8	2.192	3.038	12.3	21.5
5 21	17 54.87	−18 56.2	2.100	3.025	9.3	21.2
5 31	17 47.76	−18 38.4	2.031	3.012	6.0	21.0
6 10	17 39.29	−18 21.9	1.989	2.998	2.6	20.8
6 20	17 30.24	−18 7.3	1.975	2.985	2.7	20.7
6 30	17 21.54	−17 55.7	1.988	2.970	6.2	20.9
7 10	17 14.06	−17 48.1	2.027	2.956	9.7	21.1
7 20	17 8.43	−17 45.3	2.090	2.941	12.8	21.3

479883 2014 HM_8 6 15.1 142°.23 7°.3/13.5 17

5 11	17 57.26	− 2 3.0	2.430	3.239	12.4	21.7
5 21	17 52.40	− 0 58.8	2.363	3.244	10.4	21.6
5 31	17 46.00	− 0 5.3	2.320	3.248	8.5	21.5
6 10	17 38.62	+ 0 34.1	2.301	3.253	7.4	21.4
6 20	17 30.92	+ 0 57.3	2.308	3.257	7.6	21.4
6 30	17 23.62	+ 1 3.1	2.341	3.261	9.0	21.5
7 10	17 17.35	+ 0 52.4	2.398	3.265	10.9	21.7
7 20	17 12.61	+ 0 27.3	2.476	3.268	12.8	21.8

264881 2002 SU_{26} 6 15.1 268°.44 1°.4/14.9 18

5 11	18 2.39	−20 33.4	1.691	2.548	14.8	21.4
5 21	17 57.35	−20 20.7	1.598	2.529	11.3	21.1
5 31	17 49.65	−20 8.4	1.527	2.510	7.2	20.8
6 10	17 40.03	−19 56.6	1.480	2.491	2.8	20.5
6 20	17 29.50	−19 45.4	1.459	2.471	2.9	20.5
6 30	17 19.33	−19 36.1	1.465	2.451	7.5	20.7
7 10	17 10.75	−19 30.0	1.495	2.431	12.0	20.9
7 20	17 4.64	−19 28.7	1.547	2.411	15.9	21.1

480736 2016 NP_5 6 15.1 253°.57 5°.5/16.1 17

5 11	18 5.43	−39 8.2	2.087	2.908	13.7	21.3
5 21	17 59.43	−39 24.8	1.999	2.898	11.1	21.1
5 31	17 50.80	−39 29.0	1.932	2.887	8.3	20.9
6 10	17 40.36	−39 17.1	1.891	2.876	6.0	20.7
6 20	17 29.24	−38 47.1	1.875	2.865	5.7	20.7
6 30	17 18.73	−38 0.3	1.887	2.854	7.8	20.8
7 10	17 9.98	−37 1.0	1.923	2.842	10.7	21.0
7 20	17 3.77	−35 54.6	1.983	2.830	13.6	21.1

386481 2008 YC_{165} 6 15.1 220°.71 3°.7/15.6 17

5 11	18 3.35	−34 14.9	2.230	3.062	12.6	21.7
5 21	17 57.56	−34 32.7	2.145	3.056	9.9	21.5
5 31	17 49.50	−34 42.5	2.083	3.051	6.9	21.3
6 10	17 39.90	−34 41.3	2.047	3.045	4.3	21.2
6 20	17 29.70	−34 27.9	2.038	3.038	4.1	21.1
6 30	17 20.00	−34 2.7	2.056	3.032	6.6	21.3
7 10	17 11.79	−33 28.8	2.101	3.025	9.6	21.4
7 20	17 5.78	−32 49.9	2.168	3.018	12.5	21.6

440598 2005 VR_{31} 6 15.1 291°.94 1°.7/14.8 16

5 11	17 58.04	−19 45.4	2.195	3.045	12.1	21.9
5 21	17 53.44	−19 21.5	2.099	3.027	9.2	21.6
5 31	17 46.90	−18 57.7	2.026	3.008	5.9	21.4
6 10	17 39.01	−18 34.6	1.980	2.990	2.5	21.1
6 20	17 30.53	−18 13.1	1.961	2.971	2.6	21.1
6 30	17 22.37	−17 54.7	1.969	2.952	6.2	21.3
7 10	17 15.37	−17 40.5	2.003	2.934	9.7	21.5
7 20	17 10.20	−17 31.7	2.060	2.916	12.9	21.7

222481 2001 SZ_{107} 6 15.1 201°.57 1°.0/14.9 18

5 11	18 2.89	−21 36.0	2.382	3.220	11.7	20.4
5 21	17 56.82	−21 13.8	2.294	3.215	8.8	20.2
5 31	17 48.86	−20 50.3	2.230	3.210	5.6	20.0
6 10	17 39.64	−20 25.6	2.193	3.203	2.1	19.8
6 20	17 29.96	−20 0.6	2.185	3.196	2.1	19.8
6 30	17 20.68	−19 36.4	2.206	3.188	5.7	20.0
7 10	17 12.64	−19 14.9	2.254	3.180	9.0	20.2
7 20	17 6.41	−18 57.3	2.326	3.170	12.0	20.4

307187 2002 EG_{107} 6 15.1 188°.65 0°.4/15.1 18

5 11	17 59.41	−23 30.8	2.435	3.279	11.3	20.4
5 21	17 54.26	−23 52.7	2.353	3.278	8.5	20.2
5 31	17 47.30	−24 14.4	2.296	3.278	5.3	20.0
6 10	17 39.12	−24 34.7	2.266	3.277	1.9	19.8
6 20	17 30.45	−24 52.5	2.264	3.277	1.8	19.8
6 30	17 22.14	−25 7.3	2.291	3.276	5.2	20.0
7 10	17 14.97	−25 19.6	2.344	3.275	8.4	20.2
7 20	17 9.52	−25 30.3	2.421	3.274	11.2	20.4

215412 2002 GO_{45} 6 15.1 77°.62 4°.7/15.4 17

5 11	18 3.74	−36 11.2	2.329	3.153	12.4	20.3
5 21	17 57.67	−36 59.0	2.271	3.174	9.8	20.1
5 31	17 49.45	−37 38.2	2.236	3.194	7.1	20.0
6 10	17 39.85	−38 5.4	2.227	3.215	5.0	19.9
6 20	17 29.80	−38 18.6	2.245	3.235	4.9	19.9
6 30	17 20.36	−38 17.8	2.291	3.255	6.8	20.1
7 10	17 12.45	−38 5.5	2.362	3.275	9.2	20.3
7 20	17 6.70	−37 45.2	2.457	3.295	11.6	20.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
364156 2006 HJ_{13}			6 15.1 351°.78		2°.0/15.0 17	
	h m	° ′			°	m
5 11	17 59.72	−24 3.2	1.085	1.973	19.0	19.9
5 21	17 56.50	−24 57.1	1.020	1.967	14.5	19.6
5 31	17 49.66	−25 54.0	0.973	1.962	9.2	19.3
6 10	17 40.14	−26 49.4	0.947	1.958	3.7	19.0
6 20	17 29.43	−27 38.1	0.943	1.956	3.7	19.0
6 30	17 19.42	−28 16.8	0.962	1.954	9.3	19.3
7 10	17 11.86	−28 45.9	1.002	1.954	14.6	19.6
7 20	17 7.86	−29 7.4	1.059	1.955	19.2	19.9
115692 2003 UV_{156}			6 15.1 217°.48		0°.5/15.1 18	
5 11	18 1.08	−20 57.0	2.056	2.905	12.9	20.0
5 21	17 55.81	−21 13.5	1.974	2.902	9.7	19.8
5 31	17 48.41	−21 31.7	1.916	2.898	6.1	19.6
6 10	17 39.54	−21 50.5	1.883	2.895	2.1	19.3
6 20	17 30.07	−22 8.9	1.878	2.891	2.1	19.3
6 30	17 21.00	−22 26.5	1.901	2.887	6.0	19.6
7 10	17 13.27	−22 43.3	1.950	2.883	9.7	19.8
7 20	17 7.57	−23 0.0	2.022	2.879	13.0	20.0
226705 2004 NF_{19}			6 15.1 28°.88		4°.4/14.7 17	
5 11	17 58.57	−15 49.6	1.202	2.081	18.1	19.0
5 21	17 54.66	−15 10.8	1.153	2.094	13.8	18.8
5 31	17 47.91	−14 38.3	1.124	2.108	9.2	18.6
6 10	17 39.36	−14 14.8	1.116	2.122	5.1	18.4
6 20	17 30.32	−14 2.1	1.132	2.138	5.2	18.5
6 30	17 22.22	−14 1.2	1.170	2.155	9.2	18.7
7 10	17 16.22	−14 11.9	1.231	2.172	13.5	19.0
7 20	17 13.00	−14 32.5	1.310	2.190	17.2	19.3
148419 2000 WF_{83}			6 15.1 166°.05		1°.4/15.1 18	
5 11	17 58.73	−17 32.7	2.639	3.478	10.7	20.7
5 21	17 53.53	−17 42.8	2.560	3.481	8.1	20.5
5 31	17 46.75	−17 55.9	2.504	3.483	5.1	20.3
6 10	17 38.92	−18 11.8	2.476	3.485	2.2	20.1
6 20	17 30.70	−18 29.8	2.477	3.487	2.2	20.1
6 30	17 22.80	−18 49.7	2.507	3.489	5.1	20.3
7 10	17 15.92	−19 11.3	2.564	3.490	8.0	20.5
7 20	17 10.56	−19 34.4	2.645	3.492	10.6	20.7
63097 2000 WK_{143}			6 15.1 355°.64		5°.1/13.6 17	
5 11	17 56.68	−15 6.3	1.669	2.531	14.7	18.7
5 21	17 52.69	−13 43.1	1.597	2.527	11.4	18.4
5 31	17 46.50	−12 21.5	1.548	2.524	7.9	18.2
6 10	17 38.88	−11 5.9	1.523	2.521	5.3	18.1
6 20	17 30.76	−10 0.9	1.523	2.520	5.8	18.1
6 30	17 23.22	− 9 10.2	1.549	2.519	8.9	18.3
7 10	17 17.19	− 8 35.6	1.599	2.519	12.3	18.5
7 20	17 13.32	− 8 17.3	1.668	2.520	15.5	18.7
216486 1999 VT_{123}			6 15.1 278°.58		1°.0/15.0 18	
5 11	18 2.43	−21 14.2	1.581	2.442	15.5	21.3
5 21	17 57.62	−21 8.4	1.488	2.421	11.8	21.0
5 31	17 49.97	−21 3.1	1.415	2.400	7.5	20.7
6 10	17 40.20	−20 57.9	1.367	2.379	2.8	20.4
6 20	17 29.40	−20 52.6	1.344	2.357	2.8	20.3
6 30	17 18.94	−20 47.8	1.347	2.335	7.8	20.5
7 10	17 10.16	−20 45.1	1.374	2.313	12.6	20.8
7 20	17 4.03	−20 46.1	1.422	2.291	16.8	21.0
420615 2012 HJ_{63}			6 15.1 115°.56		1°.9/15.2 15	
5 11	18 6.37	−26 35.7	1.793	2.639	14.6	21.6
5 21	18 0.00	−27 12.6	1.730	2.655	11.0	21.4
5 31	17 51.07	−27 47.0	1.690	2.670	7.0	21.2
6 10	17 40.46	−28 15.6	1.675	2.685	3.0	21.0
6 20	17 29.29	−28 36.0	1.688	2.699	2.9	21.0
6 30	17 18.82	−28 48.0	1.728	2.712	6.8	21.3
7 10	17 10.17	−28 53.1	1.794	2.725	10.6	21.5
7 20	17 4.05	−28 53.8	1.882	2.738	13.8	21.8
373143 2012 BC_{15}			6 15.1 41°.13		1°.7/15.4 17	
5 11	18 2.91	−27 42.4	1.201	2.076	18.4	20.4
5 21	17 58.18	−27 37.1	1.151	2.091	13.9	20.2
5 31	17 50.20	−27 25.1	1.120	2.106	8.8	20.0
6 10	17 40.17	−27 4.8	1.111	2.122	3.5	19.7
6 20	17 29.63	−26 36.5	1.126	2.139	3.1	19.7
6 30	17 20.22	−26 3.0	1.165	2.156	8.2	20.1
7 10	17 13.28	−25 28.5	1.226	2.174	12.9	20.4
7 20	17 9.50	−24 57.1	1.306	2.192	16.9	20.7
255817 2006 SQ_{54}			6 15.1 195°.55		0°.4/15.2 17	
5 11	18 4.56	−23 58.4	2.014	2.858	13.3	21.6
5 21	17 58.50	−24 9.6	1.931	2.856	10.1	21.4
5 31	17 50.12	−24 19.7	1.871	2.853	6.3	21.1
6 10	17 40.15	−24 27.1	1.838	2.849	2.2	20.8
6 20	17 29.54	−24 30.9	1.832	2.845	2.1	20.8
6 30	17 19.39	−24 31.1	1.854	2.840	6.2	21.1
7 10	17 10.73	−24 29.1	1.903	2.834	10.1	21.3
7 20	17 4.28	−24 26.6	1.974	2.828	13.4	21.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
228544 2001 WR_{53}			6 15.1 106°.55		2°.5/14.7 17	
	h m	° ′			°	m
5 11	18 2.41	−18 43.8	1.797	2.649	14.3	20.8
5 21	17 56.76	−18 7.3	1.733	2.661	10.8	20.6
5 31	17 48.91	−17 31.9	1.692	2.673	6.9	20.4
6 10	17 39.68	−16 59.0	1.676	2.684	3.2	20.2
6 20	17 30.06	−16 30.3	1.687	2.695	3.4	20.2
6 30	17 21.12	−16 7.4	1.725	2.707	7.1	20.5
7 10	17 13.80	−15 51.9	1.788	2.717	10.7	20.7
7 20	17 8.70	−15 44.2	1.874	2.728	14.0	20.9
497420 2005 WO_{140}			6 15.1 201°.89		0°.1/15.1 17	
5 11	18 3.02	−22 58.4	2.452	3.289	11.4	23.8
5 21	17 56.96	−23 4.1	2.363	3.284	8.6	23.6
5 31	17 49.00	−23 9.1	2.298	3.278	5.4	23.4
6 10	17 39.74	−23 12.5	2.260	3.271	1.9	23.2
6 20	17 29.95	−23 13.7	2.251	3.264	1.8	23.2
6 30	17 20.52	−23 13.0	2.271	3.256	5.4	23.4
7 10	17 12.26	−23 11.2	2.319	3.247	8.7	23.6
7 20	17 5.80	−23 9.7	2.391	3.237	11.6	23.8
249632 1999 TT_{109}			6 15.1 283°.06		4°.0/14.3 18	
5 11	17 57.49	−13 0.7	2.315	3.156	11.9	20.3
5 21	17 52.90	−12 21.6	2.218	3.136	9.3	20.1
5 31	17 46.52	−11 46.3	2.145	3.115	6.5	19.9
6 10	17 38.90	−11 16.8	2.097	3.094	4.3	19.7
6 20	17 30.73	−10 54.8	2.077	3.074	4.5	19.7
6 30	17 22.83	−10 41.8	2.084	3.053	7.0	19.8
7 10	17 15.97	−10 38.4	2.117	3.032	10.0	20.0
7 20	17 10.76	−10 44.5	2.172	3.011	12.9	20.1
222592 2001 XJ_{2}			6 15.1 146°.63		11°.6/15.1 18	
5 11	18 20.24	−54 24.9	2.197	2.938	15.5	20.8
5 21	18 11.96	−56 15.8	2.138	2.947	13.9	20.7
5 31	17 59.41	−57 48.1	2.099	2.955	12.5	20.6
6 10	17 43.58	−58 52.7	2.083	2.963	11.7	20.6
6 20	17 26.20	−59 23.3	2.090	2.971	11.7	20.6
6 30	17 9.58	−59 19.1	2.120	2.978	12.5	20.6
7 10	16 55.80	−58 45.5	2.172	2.984	13.8	20.7
7 20	16 46.11	−57 50.8	2.242	2.990	15.3	20.9
59837 1999 RP_{44}			6 15.1 27°.97		1°.4/15.4 18	
5 11	18 0.17	−28 43.3	2.085	2.933	12.7	18.9
5 21	17 55.06	−28 30.2	2.010	2.935	9.7	18.7
5 31	17 47.87	−28 11.1	1.957	2.938	6.2	18.5
6 10	17 39.34	−27 45.4	1.931	2.940	2.6	18.3
6 20	17 30.38	−27 13.3	1.932	2.943	2.3	18.2
6 30	17 22.00	−26 36.6	1.960	2.946	5.9	18.5
7 10	17 15.07	−25 58.1	2.014	2.949	9.4	18.7
7 20	17 10.21	−25 20.8	2.091	2.953	12.4	18.9
224561 2005 WH_{181}			6 15.1 152°.48		5°.6/14.2 18	
5 11	18 0.89	− 8 42.0	2.135	2.964	13.2	21.0
5 21	17 55.31	− 7 52.6	2.067	2.972	10.5	20.8
5 31	17 47.90	− 7 11.0	2.021	2.979	7.8	20.7
6 10	17 39.33	− 6 39.9	2.001	2.985	5.9	20.5
6 20	17 30.39	− 6 21.3	2.009	2.991	6.1	20.6
6 30	17 21.94	− 6 16.1	2.043	2.997	8.1	20.7
7 10	17 14.75	− 6 24.0	2.102	3.002	10.8	20.9
7 20	17 9.39	− 6 43.6	2.183	3.006	13.4	21.1
236576 2006 HL_{96}			6 15.1 286°.12		2°.3/15.2 17	
5 11	18 1.92	−27 53.8	1.880	2.731	13.8	21.3
5 21	17 56.80	−28 26.2	1.800	2.727	10.5	21.1
5 31	17 49.20	−28 55.8	1.743	2.723	6.9	20.9
6 10	17 39.88	−29 19.6	1.711	2.719	3.2	20.7
6 20	17 29.83	−29 35.3	1.705	2.714	3.1	20.6
6 30	17 20.25	−29 42.6	1.726	2.710	6.8	20.9
7 10	17 12.24	−29 42.8	1.772	2.706	10.5	21.1
7 20	17 6.59	−29 38.5	1.840	2.702	13.9	21.3
480644 2015 NX_{16}			6 15.1 318°.36		5°.0/14.9 18	
5 11	17 57.01	− 7 17.4	2.355	3.183	12.1	21.1
5 21	17 52.38	− 7 5.5	2.278	3.182	9.7	20.9
5 31	17 46.10	− 7 3.0	2.223	3.180	7.2	20.8
6 10	17 38.73	− 7 11.5	2.194	3.179	5.3	20.7
6 20	17 30.95	− 7 31.5	2.191	3.177	5.3	20.7
6 30	17 23.50	− 8 2.6	2.216	3.176	7.2	20.8
7 10	17 17.11	− 8 43.5	2.266	3.174	9.8	20.9
7 20	17 12.29	− 9 32.2	2.339	3.173	12.2	21.1
363617 2004 KK_{17}			6 15.1 50°.75		26°.4/ 3.3 13	C
5 11	20 33.30	+52 35.0	0.589	1.092	66.2	19.7
5 21	19 39.65	+49 8.0	0.554	1.189	58.1	19.5
5 31	18 44.86	+42 49.5	0.528	1.283	48.6	19.3
6 10	17 55.81	+33 20.8	0.524	1.372	38.5	19.1
6 20	17 17.75	+21 57.7	0.555	1.456	30.3	19.1
6 30	16 51.73	+10 50.2	0.625	1.536	26.6	19.4
7 10	16 36.01	+ 1 27.4	0.730	1.612	27.0	19.9
7 20	16 28.17	− 5 54.1	0.862	1.683	28.8	20.4

117763 2005 GP_{72} 6 15.1 327°.45 4°.3/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	17 59.60	−28 47.3	1.184	2.065	18.2	19.1
5 21	17 56.54	−29 44.5	1.105	2.046	14.2	18.8
5 31	17 49.84	−30 40.2	1.045	2.029	9.6	18.5
6 10	17 40.31	−31 28.6	1.006	2.013	5.2	18.2
6 20	17 29.34	−32 4.1	0.989	1.997	5.2	18.1
6 30	17 18.83	−32 24.0	0.995	1.983	9.8	18.3
7 10	17 10.63	−32 29.6	1.022	1.969	14.9	18.5
7 20	17 6.02	−32 25.4	1.066	1.957	19.5	18.8

437398 2013 WZ_{63} 6 15.1 204°.24 1°.2/15.1 17

5 11	18 2.42	−18 38.5	2.117	2.960	12.8	21.8
5 21	17 56.77	−18 56.3	2.032	2.956	9.7	21.6
5 31	17 49.01	−19 17.7	1.972	2.952	6.1	21.4
6 10	17 39.79	−19 41.7	1.937	2.948	2.4	21.1
6 20	17 29.95	−20 7.3	1.931	2.943	2.3	21.1
6 30	17 20.48	−20 33.5	1.953	2.937	6.1	21.4
7 10	17 12.31	−21 0.2	2.001	2.931	9.7	21.6
7 20	17 6.12	−21 27.3	2.073	2.925	12.9	21.8

110566 2001 TQ_{112} 6 15.1 252°.27 1°.6/14.8 18

5 11	18 2.21	−21 40.7	1.798	2.652	14.2	19.1
5 21	17 56.90	−21 0.6	1.713	2.643	10.8	18.9
5 31	17 49.20	−20 17.9	1.650	2.633	6.8	18.6
6 10	17 39.87	−19 33.6	1.613	2.624	2.7	18.3
6 20	17 29.90	−18 49.7	1.603	2.614	2.9	18.3
6 30	17 20.46	−18 8.7	1.619	2.603	7.1	18.5
7 10	17 12.59	−17 33.4	1.661	2.593	11.2	18.8
7 20	17 7.02	−17 6.0	1.724	2.582	14.8	19.0

64700 2001 XA_{86} 6 15.1 65°.13 0°.9/15.0 18

5 11	17 59.06	−21 41.5	2.123	2.975	12.4	18.8
5 21	17 54.06	−21 25.4	2.056	2.984	9.3	18.7
5 31	17 47.18	−21 8.8	2.012	2.995	5.8	18.5
6 10	17 39.11	−20 51.9	1.994	3.005	2.1	18.2
6 20	17 30.68	−20 35.3	2.003	3.015	2.1	18.3
6 30	17 22.78	−20 20.0	2.040	3.025	5.8	18.5
7 10	17 16.22	−20 7.3	2.102	3.036	9.1	18.7
7 20	17 11.55	−19 58.4	2.188	3.046	12.1	18.9

280099 2002 EV_{133} 6 15.1 189°.33 1°.5/14.9 18

5 11	18 1.79	−19 27.1	2.222	3.065	12.3	21.5
5 21	17 56.11	−19 12.6	2.140	3.064	9.3	21.3
5 31	17 48.50	−18 58.9	2.082	3.062	5.9	21.1
6 10	17 39.59	−18 46.4	2.051	3.060	2.5	20.9
6 20	17 30.20	−18 35.5	2.048	3.058	2.5	20.9
6 30	17 21.25	−18 27.0	2.073	3.055	6.0	21.1
7 10	17 13.57	−18 21.9	2.124	3.051	9.4	21.3
7 20	17 7.77	−18 20.8	2.199	3.047	12.4	21.5

239386 2007 SE_{14} 6 15.1 170°.86 5°.8/13.9 18

5 11	17 58.79	− 7 19.0	2.350	3.174	12.3	20.8
5 21	17 53.65	− 6 25.4	2.276	3.176	9.9	20.6
5 31	17 46.85	− 5 39.5	2.227	3.179	7.5	20.5
6 10	17 39.00	− 5 4.1	2.203	3.180	6.0	20.4
6 20	17 30.79	− 4 41.3	2.206	3.182	6.2	20.4
6 30	17 22.97	− 4 32.1	2.236	3.183	8.0	20.5
7 10	17 16.26	− 4 36.5	2.291	3.183	10.4	20.7
7 20	17 11.17	− 4 52.9	2.369	3.184	12.7	20.8

295160 2008 FC_{65} 6 15.1 144°.09 0°.2/15.1 17

5 11	18 4.47	−23 13.6	1.881	2.729	13.9	21.8
5 21	17 58.45	−23 25.4	1.810	2.737	10.5	21.6
5 31	17 50.08	−23 36.6	1.763	2.745	6.6	21.4
6 10	17 40.15	−23 45.8	1.741	2.753	2.3	21.2
6 20	17 29.69	−23 51.9	1.747	2.760	2.1	21.2
6 30	17 19.84	−23 55.2	1.780	2.766	6.4	21.5
7 10	17 11.60	−23 56.7	1.839	2.773	10.2	21.7
7 20	17 5.66	−23 58.2	1.921	2.778	13.6	21.9

457721 2009 FT_{60} 6 15.1 24°.85 4°.9/14.5 17

5 11	18 0.10	−15 47.1	1.208	2.084	18.2	20.6
5 21	17 55.95	−14 52.8	1.150	2.089	14.0	20.4
5 31	17 48.84	−14 3.3	1.111	2.094	9.4	20.2
6 10	17 39.77	−13 22.2	1.095	2.100	5.5	20.0
6 20	17 30.08	−12 52.8	1.102	2.106	5.8	20.0
6 30	17 21.26	−12 37.4	1.131	2.113	9.8	20.2
7 10	17 14.56	−12 36.5	1.183	2.121	14.2	20.5
7 20	17 10.74	−12 48.9	1.253	2.129	18.1	20.8

510416 2011 UJ_{257} 6 15.1 232°.16 2°.1/14.7 18

5 11	17 58.62	−17 53.8	2.483	3.324	11.1	21.8
5 21	17 53.58	−17 25.6	2.394	3.316	8.5	21.6
5 31	17 46.86	−16 58.5	2.330	3.308	5.5	21.4
6 10	17 39.02	−16 33.4	2.293	3.300	2.7	21.2
6 20	17 30.76	−16 11.3	2.284	3.291	2.8	21.2
6 30	17 22.83	−15 53.5	2.303	3.282	5.7	21.4
7 10	17 15.97	−15 41.0	2.349	3.273	8.8	21.5
7 20	17 10.71	−15 34.2	2.419	3.263	11.5	21.7

87614 2000 RX_{45} 6 15.1 240°.14 8°.5/15.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 8.93	−44 30.1	1.981	2.785	15.0	19.3
5 21	18 2.67	−45 32.7	1.901	2.777	12.7	19.2
5 31	17 53.19	−46 21.4	1.841	2.769	10.4	19.0
6 10	17 41.36	−46 49.4	1.804	2.760	8.8	18.9
6 20	17 28.51	−46 52.4	1.792	2.752	8.7	18.9
6 30	17 16.27	−46 29.8	1.806	2.743	10.1	18.9
7 10	17 6.15	−45 45.8	1.842	2.734	12.5	19.1
7 20	16 59.12	−44 47.3	1.900	2.724	15.0	19.2

470210 2006 VW_{170} 6 15.1 190°.54 5°.1/15.5 18

5 11	17 59.47	− 3 28.2	2.822	3.623	11.0	21.8
5 21	17 53.96	− 3 34.5	2.738	3.622	9.0	21.7
5 31	17 46.99	− 3 51.6	2.679	3.620	6.9	21.5
6 10	17 39.06	− 4 20.6	2.646	3.618	5.4	21.4
6 20	17 30.74	− 5 1.2	2.641	3.616	5.3	21.4
6 30	17 22.70	− 5 52.7	2.665	3.613	6.8	21.5
7 10	17 15.56	− 6 53.0	2.716	3.610	8.9	21.7
7 20	17 9.78	− 7 59.8	2.792	3.607	11.0	21.8

134623 1999 TM_{272} 6 15.1 278°.21 4°.5/15.6 18

5 11	18 4.98	−33 7.5	1.545	2.397	16.2	19.9
5 21	17 59.89	−33 33.1	1.459	2.382	12.8	19.7
5 31	17 51.55	−33 50.0	1.393	2.367	8.9	19.4
6 10	17 40.82	−33 53.5	1.350	2.352	5.3	19.1
6 20	17 29.02	−33 40.6	1.332	2.337	5.1	19.1
6 30	17 17.77	−33 11.8	1.340	2.321	8.6	19.3
7 10	17 8.61	−32 31.3	1.371	2.306	12.9	19.5
7 20	17 2.54	−31 44.9	1.422	2.291	16.8	19.7

436927 2012 TV_{108} 6 15.1 202°.30 0°.3/15.2 17

5 11	18 1.49	−25 9.3	2.159	3.005	12.4	21.5
5 21	17 56.02	−24 58.4	2.077	3.003	9.4	21.3
5 31	17 48.50	−24 44.4	2.018	3.000	5.9	21.1
6 10	17 39.61	−24 26.6	1.986	2.997	2.1	20.8
6 20	17 30.24	−24 5.4	1.981	2.994	1.9	20.8
6 30	17 21.34	−23 41.9	2.005	2.991	5.8	21.0
7 10	17 13.81	−23 18.1	2.054	2.987	9.4	21.3
7 20	17 8.27	−22 56.2	2.127	2.983	12.5	21.5

338504 2003 PW_{11} 6 15.1 335°.96 1°.9/15.7 18

5 11	17 58.03	−31 13.9	1.250	2.127	17.7	19.3
5 21	17 54.95	−30 26.0	1.165	2.106	13.7	19.0
5 31	17 48.55	−29 21.8	1.100	2.085	9.0	18.7
6 10	17 39.79	−28 0.6	1.056	2.066	3.8	18.3
6 20	17 30.05	−26 24.9	1.036	2.049	3.2	18.2
6 30	17 21.05	−24 41.2	1.039	2.032	8.6	18.5
7 10	17 14.28	−22 58.3	1.065	2.018	13.9	18.8
7 20	17 10.70	−21 24.3	1.110	2.004	18.6	19.0

259065 2002 UX_{21} 6 15.1 197°.17 0°.7/15.1 17

5 11	18 3.57	−21 46.0	2.049	2.893	13.1	21.5
5 21	17 57.68	−21 38.9	1.966	2.891	9.9	21.3
5 31	17 49.59	−21 31.4	1.906	2.887	6.2	21.1
6 10	17 40.02	−21 23.0	1.872	2.883	2.2	20.8
6 20	17 29.87	−21 13.8	1.866	2.879	2.2	20.8
6 30	17 20.19	−21 4.5	1.889	2.873	6.2	21.1
7 10	17 11.94	−20 56.5	1.937	2.868	10.0	21.3
7 20	17 5.78	−20 51.2	2.009	2.861	13.2	21.5

508799 2000 QM_{193} 6 15.1 284°.85 1°.6/15.0 18

5 11	18 2.17	−19 14.2	1.836	2.688	14.0	21.5
5 21	17 57.20	−19 11.9	1.728	2.656	10.8	21.2
5 31	17 49.66	−19 12.0	1.642	2.624	7.0	20.9
6 10	17 40.17	−19 14.4	1.582	2.592	2.8	20.6
6 20	17 29.63	−19 18.8	1.548	2.559	2.9	20.5
6 30	17 19.22	−19 25.6	1.541	2.526	7.3	20.7
7 10	17 10.14	−19 35.1	1.558	2.492	11.7	20.9
7 20	17 3.34	−19 48.4	1.598	2.458	15.7	21.0

362578 2010 VX_{116} 6 15.1 308°.99 3°.4/15.3 18

5 11	17 59.94	−31 44.6	2.162	3.004	12.5	20.6
5 21	17 55.19	−32 18.3	2.072	2.991	9.8	20.4
5 31	17 48.19	−32 46.9	2.004	2.978	6.7	20.2
6 10	17 39.58	−33 7.5	1.963	2.964	4.0	20.0
6 20	17 30.26	−33 17.9	1.948	2.951	3.9	20.0
6 30	17 21.28	−33 17.6	1.960	2.939	6.6	20.1
7 10	17 13.66	−33 8.3	1.998	2.926	9.8	20.3
7 20	17 8.16	−32 52.8	2.058	2.914	12.8	20.4

430387 2014 WA_{18} 6 15.1 195°.18 0°.7/15.0 17

5 11	18 5.01	−23 13.3	1.847	2.695	14.1	21.2
5 21	17 58.93	−22 47.7	1.766	2.693	10.7	21.0
5 31	17 50.44	−22 19.2	1.708	2.690	6.7	20.7
6 10	17 40.33	−21 47.8	1.676	2.687	2.4	20.4
6 20	17 29.63	−21 14.6	1.671	2.683	2.4	20.4
6 30	17 19.51	−20 41.6	1.694	2.679	6.7	20.7
7 10	17 11.04	−20 11.4	1.742	2.674	10.8	20.9
7 20	17 4.92	−19 46.3	1.813	2.668	14.3	21.1

311507 2005 WM_{121} 6 15.1 231°.94 0°.7/15.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	17 58.47	−21 11.2	2.744	3.584	10.3	22.0
5 21	17 53.40	−21 8.2	2.651	3.574	7.7	21.8
5 31	17 46.75	−21 5.2	2.583	3.564	4.9	21.6
6 10	17 39.02	−21 2.2	2.542	3.553	1.8	21.4
6 20	17 30.85	−20 59.2	2.530	3.542	1.7	21.4
6 30	17 22.96	−20 56.4	2.547	3.531	4.9	21.6
7 10	17 16.04	−20 54.5	2.591	3.519	7.9	21.8
7 20	17 10.60	−20 54.3	2.659	3.507	10.5	21.9

139850 2001 RX_{55} 6 15.1 219°.70 0°.1/15.1 18

5 11	18 0.11	−22 53.7	2.221	3.068	12.1	19.8
5 21	17 54.97	−23 0.8	2.139	3.065	9.1	19.6
5 31	17 47.87	−23 7.6	2.080	3.062	5.7	19.4
6 10	17 39.43	−23 13.2	2.047	3.059	2.0	19.1
6 20	17 30.47	−23 17.0	2.042	3.055	1.9	19.1
6 30	17 21.91	−23 19.1	2.065	3.051	5.6	19.3
7 10	17 14.60	−23 20.5	2.114	3.047	9.1	19.6
7 20	17 9.17	−23 22.2	2.187	3.043	12.2	19.7

273798 2007 FT_{19} 6 15.1 147°.95 1°.1/15.0 17

5 11	18 3.15	−20 43.1	2.070	2.914	13.0	22.4
5 21	17 57.21	−20 34.8	1.998	2.923	9.8	22.2
5 31	17 49.20	−20 26.8	1.950	2.931	6.1	22.0
6 10	17 39.87	−20 19.1	1.928	2.939	2.3	21.7
6 20	17 30.10	−20 11.7	1.934	2.946	2.3	21.7
6 30	17 20.88	−20 5.4	1.969	2.953	6.1	22.0
7 10	17 13.10	−20 1.2	2.029	2.959	9.6	22.2
7 20	17 7.35	−20 0.1	2.113	2.965	12.7	22.4

169583 2002 GE_{27} 6 15.1 139°.45 1°.7/14.9 17

5 11	18 3.76	−20 2.1	1.574	2.432	15.6	20.8
5 21	17 58.24	−19 44.9	1.506	2.437	11.9	20.5
5 31	17 50.11	−19 28.7	1.459	2.442	7.5	20.3
6 10	17 40.23	−19 13.9	1.436	2.447	3.0	20.0
6 20	17 29.76	−19 1.1	1.439	2.451	3.0	20.0
6 30	17 19.98	−18 51.4	1.469	2.455	7.5	20.3
7 10	17 12.03	−18 46.2	1.523	2.458	11.8	20.6
7 20	17 6.66	−18 46.5	1.597	2.462	15.5	20.8

74858 1999 TU_{88} 6 15.1 252°.39 2°.6/14.9 18

5 11	18 3.05	−17 10.0	1.749	2.600	14.7	19.6
5 21	17 57.76	−17 0.5	1.657	2.584	11.3	19.4
5 31	17 49.92	−16 54.7	1.588	2.568	7.4	19.1
6 10	17 40.23	−16 53.3	1.543	2.551	3.5	18.8
6 20	17 29.68	−16 56.5	1.524	2.533	3.5	18.8
6 30	17 19.46	−17 4.6	1.532	2.515	7.6	19.0
7 10	17 10.74	−17 17.9	1.565	2.496	11.8	19.2
7 20	17 4.38	−17 36.7	1.619	2.477	15.6	19.4

162691 2000 UN_{6} 6 15.2 255°.13 0°.3/15.1 18

5 11	18 4.91	−22 49.6	1.736	2.588	14.7	21.0
5 21	17 59.34	−22 49.0	1.639	2.568	11.3	20.7
5 31	17 51.02	−22 47.5	1.564	2.547	7.1	20.4
6 10	17 40.65	−22 44.2	1.514	2.526	2.5	20.1
6 20	17 29.28	−22 38.3	1.491	2.504	2.4	20.0
6 30	17 18.24	−22 30.4	1.494	2.481	7.3	20.3
7 10	17 8.79	−22 22.2	1.523	2.458	11.8	20.5
7 20	17 1.88	−22 15.8	1.573	2.434	15.9	20.7

118366 1999 GK 6 15.2 96°.77 8°.1/14.2 17

5 11	18 0.26	− 4 44.3	1.734	2.566	15.6	19.6
5 21	17 55.20	− 3 42.3	1.675	2.575	12.8	19.4
5 31	17 48.02	− 2 53.1	1.636	2.584	10.1	19.3
6 10	17 39.48	− 2 20.9	1.622	2.593	8.3	19.2
6 20	17 30.51	− 2 8.4	1.631	2.601	8.5	19.2
6 30	17 22.15	− 2 16.2	1.666	2.610	10.4	19.4
7 10	17 15.29	− 2 42.7	1.723	2.618	13.0	19.5
7 20	17 10.53	− 3 24.5	1.801	2.626	15.7	19.7

255871 2006 SA_{203} 6 15.2 203°.47 0°.5/15.1 17

5 11	18 4.25	−22 16.9	2.039	2.882	13.2	22.4
5 21	17 58.25	−22 12.9	1.953	2.878	10.0	22.2
5 31	17 50.00	−22 8.2	1.891	2.872	6.3	22.0
6 10	17 40.20	−22 2.1	1.855	2.866	2.2	21.7
6 20	17 29.79	−21 54.6	1.847	2.860	2.1	21.7
6 30	17 19.83	−21 46.1	1.867	2.852	6.2	21.9
7 10	17 11.30	−21 38.2	1.913	2.844	10.1	22.1
7 20	17 4.92	−21 32.4	1.983	2.835	13.4	22.3

427535 2002 QW_{59} 6 15.2 351°.93 2°.1/15.6 16

5 11	17 58.53	−29 39.8	1.404	2.275	16.4	20.1
5 21	17 54.86	−29 24.6	1.331	2.269	12.6	19.8
5 31	17 48.26	−29 0.4	1.278	2.263	8.2	19.6
6 10	17 39.66	−28 25.8	1.248	2.258	3.6	19.3
6 20	17 30.34	−27 41.4	1.243	2.255	3.2	19.3
6 30	17 21.76	−26 50.1	1.261	2.252	7.7	19.5
7 10	17 15.22	−25 57.0	1.303	2.251	12.3	19.8
7 20	17 11.51	−25 6.5	1.364	2.251	16.3	20.0

328245 2008 FF_{84} 6 15.2 98°.17 0°.6/15.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 4.78	−24 55.6	1.621	2.477	15.4	21.5
5 21	17 58.94	−24 57.1	1.560	2.490	11.6	21.3
5 31	17 50.48	−24 55.8	1.521	2.504	7.3	21.0
6 10	17 40.36	−24 50.5	1.506	2.517	2.6	20.8
6 20	17 29.74	−24 40.6	1.518	2.531	2.4	20.8
6 30	17 19.93	−24 27.4	1.556	2.543	6.9	21.1
7 10	17 12.03	−24 13.1	1.618	2.556	11.1	21.4
7 20	17 6.72	−24 0.0	1.703	2.568	14.6	21.6

131465 2001 QU_{290} 6 15.2 305°.04 22°.5/ 7.8 17

5 11	17 59.06	+14 50.3	1.116	1.907	24.9	19.7
5 21	17 55.57	+17 44.2	1.069	1.897	23.6	19.5
5 31	17 48.89	+20 4.4	1.036	1.887	22.7	19.4
6 10	17 39.95	+21 36.8	1.018	1.878	22.5	19.4
6 20	17 30.04	+22 12.2	1.014	1.869	23.0	19.4
6 30	17 20.74	+21 47.7	1.024	1.860	24.2	19.4
7 10	17 13.53	+20 28.4	1.046	1.851	25.8	19.5
7 20	17 9.36	+18 24.7	1.080	1.843	27.5	19.6

514443 2016 UV_{45} 6 15.2 277°.45 5°.3/15.7 18

5 11	18 3.09	−37 46.2	2.196	3.021	13.0	21.5
5 21	17 57.68	−38 20.6	2.107	3.009	10.5	21.3
5 31	17 49.80	−38 45.5	2.040	2.996	7.8	21.1
6 10	17 40.19	−38 57.0	1.998	2.984	5.7	20.9
6 20	17 29.83	−38 52.7	1.982	2.971	5.5	20.9
6 30	17 19.91	−38 32.7	1.994	2.959	7.5	21.0
7 10	17 11.54	−37 59.6	2.030	2.946	10.3	21.1
7 20	17 5.50	−37 18.0	2.089	2.934	13.1	21.3

36404 2000 OZ_{47} 6 15.2 292°.30 7°.2/14.1 18

5 11	17 59.17	− 7 38.0	1.703	2.546	15.4	17.9
5 21	17 54.85	− 6 47.7	1.610	2.522	12.5	17.7
5 31	17 48.14	− 6 6.6	1.537	2.497	9.6	17.5
6 10	17 39.65	− 5 39.0	1.488	2.472	7.5	17.3
6 20	17 30.30	− 5 28.0	1.464	2.447	7.7	17.2
6 30	17 21.21	− 5 35.7	1.464	2.423	10.3	17.3
7 10	17 13.47	− 6 1.6	1.487	2.398	13.7	17.4
7 20	17 7.94	− 6 43.4	1.530	2.373	17.1	17.6

161800 2006 VJ_{63} 6 15.2 280°.56 0°.6/15.2 18

5 11	17 59.66	−24 41.0	2.159	3.008	12.3	20.6
5 21	17 54.79	−24 51.2	2.072	2.999	9.3	20.4
5 31	17 47.85	−24 59.9	2.008	2.990	5.9	20.2
6 10	17 39.48	−25 6.1	1.970	2.981	2.1	19.9
6 20	17 30.52	−25 8.8	1.960	2.972	2.0	19.9
6 30	17 21.93	−25 8.2	1.977	2.963	5.8	20.1
7 10	17 14.62	−25 5.5	2.020	2.955	9.4	20.3
7 20	17 9.25	−25 2.1	2.086	2.946	12.5	20.5

133635 2003 UN_{143} 6 15.2 255°.51 1°.2/15.3 18

5 11	18 4.72	−26 51.8	1.676	2.529	15.1	20.0
5 21	17 59.27	−26 48.1	1.585	2.514	11.6	19.7
5 31	17 50.98	−26 39.4	1.516	2.498	7.4	19.4
6 10	17 40.65	−26 24.1	1.472	2.482	2.9	19.1
6 20	17 29.42	−26 1.4	1.454	2.466	2.6	19.1
6 30	17 18.66	−25 32.8	1.462	2.449	7.3	19.3
7 10	17 9.67	−25 1.4	1.495	2.432	11.8	19.5
7 20	17 3.36	−24 30.9	1.549	2.415	15.8	19.7

411171 2010 EO_{82} 6 15.2 5°.32 3°.0/15.4 17

5 11	18 1.53	−28 14.4	1.067	1.952	19.5	20.3
5 21	17 57.91	−28 37.9	1.007	1.951	15.0	20.0
5 31	17 50.55	−28 55.8	0.964	1.951	9.7	19.7
6 10	17 40.56	−29 4.0	0.942	1.952	4.5	19.4
6 20	17 29.56	−29 0.2	0.943	1.954	4.1	19.4
6 30	17 19.53	−28 45.1	0.965	1.957	9.3	19.7
7 10	17 12.15	−28 23.0	1.008	1.960	14.5	20.0
7 20	17 8.39	−27 58.7	1.069	1.965	19.1	20.3

356620 2011 UH_{17} 6 15.2 174°.64 0°.2/15.2 18

5 11	17 59.41	−24 11.4	2.637	3.477	10.6	22.1
5 21	17 54.14	−24 11.4	2.556	3.479	8.0	21.9
5 31	17 47.22	−24 9.9	2.499	3.480	5.0	21.7
6 10	17 39.23	−24 6.1	2.470	3.481	1.7	21.5
6 20	17 30.85	−24 0.0	2.469	3.482	1.6	21.5
6 30	17 22.85	−23 52.1	2.497	3.482	4.9	21.7
7 10	17 15.93	−23 43.3	2.552	3.482	7.9	21.9
7 20	17 10.61	−23 35.0	2.631	3.482	10.5	22.1

343580 2010 FG_{89} 6 15.2 135°.21 2°.0/14.9 17

5 11	18 0.13	−18 38.4	1.935	2.787	13.4	21.3
5 21	17 55.13	−18 19.7	1.860	2.788	10.2	21.1
5 31	17 48.03	−18 2.7	1.808	2.790	6.5	20.9
6 10	17 39.55	−17 48.3	1.782	2.790	2.9	20.7
6 20	17 30.56	−17 37.0	1.782	2.791	3.0	20.7
6 30	17 22.08	−17 29.7	1.809	2.792	6.6	20.9
7 10	17 15.01	−17 27.4	1.861	2.793	10.2	21.1
7 20	17 9.98	−17 30.4	1.936	2.794	13.4	21.3

113855 2002 TL_{249} 6 15.2 313°.62 1°.3/15.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	17 59.37	−20 9.3	1.867	2.723	13.6	19.5
5 21	17 54.75	−20 3.0	1.786	2.717	10.3	19.3
5 31	17 47.91	−19 58.0	1.728	2.711	6.5	19.1
6 10	17 39.54	−19 54.4	1.695	2.706	2.5	18.8
6 20	17 30.56	−19 52.1	1.688	2.700	2.5	18.8
6 30	17 22.02	−19 51.7	1.709	2.695	6.6	19.0
7 10	17 14.92	−19 54.0	1.754	2.690	10.5	19.2
7 20	17 9.95	−19 59.8	1.821	2.685	13.9	19.4

220286 2003 BE_{73} 6 15.2 213°.49 0°.3/15.2 17

5 11	18 4.20	−25 26.3	2.056	2.900	13.1	21.0
5 21	17 58.23	−25 9.2	1.969	2.893	9.9	20.8
5 31	17 50.01	−24 48.1	1.905	2.886	6.2	20.6
6 10	17 40.26	−24 22.3	1.867	2.878	2.2	20.3
6 20	17 29.93	−23 52.3	1.857	2.869	2.0	20.3
6 30	17 20.09	−23 19.6	1.875	2.861	6.2	20.5
7 10	17 11.72	−22 46.9	1.919	2.851	10.0	20.7
7 20	17 5.52	−22 16.9	1.987	2.841	13.3	20.9

141212 2001 XK_{218} 6 15.2 277°.26 0°.9/15.3 18

5 11	18 0.05	−25 34.6	2.131	2.980	12.5	20.4
5 21	17 55.11	−25 43.7	2.046	2.973	9.5	20.1
5 31	17 48.08	−25 50.6	1.985	2.966	6.0	19.9
6 10	17 39.60	−25 53.9	1.949	2.960	2.3	19.7
6 20	17 30.55	−25 53.0	1.940	2.953	2.1	19.6
6 30	17 21.90	−25 48.2	1.959	2.946	5.8	19.9
7 10	17 14.57	−25 40.7	2.004	2.939	9.4	20.1
7 20	17 9.23	−25 32.5	2.072	2.932	12.6	20.3

509262 2006 UM_{142} 6 15.2 221°.51 3°.4/15.5 18

5 11	18 2.04	−32 52.9	2.388	3.221	11.8	22.1
5 21	17 56.53	−33 21.0	2.304	3.216	9.2	22.0
5 31	17 48.93	−33 42.9	2.242	3.211	6.4	21.8
6 10	17 39.90	−33 56.0	2.207	3.207	3.9	21.6
6 20	17 30.28	−33 58.7	2.200	3.201	3.7	21.6
6 30	17 21.07	−33 50.9	2.220	3.196	6.1	21.7
7 10	17 13.19	−33 34.6	2.267	3.191	9.1	21.9
7 20	17 7.29	−33 12.7	2.337	3.185	11.8	22.1

325855 2010 TP_{82} 6 15.2 234°.42 0°.9/15.3 17

5 11	18 4.83	−26 11.1	1.699	2.552	14.9	21.9
5 21	17 59.23	−26 7.2	1.614	2.543	11.4	21.7
5 31	17 50.90	−25 59.0	1.551	2.534	7.3	21.4
6 10	17 40.64	−25 45.0	1.513	2.524	2.7	21.1
6 20	17 29.58	−25 24.9	1.501	2.514	2.5	21.1
6 30	17 19.07	−24 59.9	1.516	2.503	7.1	21.3
7 10	17 10.32	−24 32.9	1.555	2.492	11.5	21.5
7 20	17 4.18	−24 7.2	1.617	2.481	15.3	21.8

435864 2008 YZ_{8} 6 15.2 167°.70 0°.3/15.2 17

5 11	18 1.23	−21 43.0	2.003	2.853	13.1	21.5
5 21	17 56.01	−21 56.9	1.926	2.854	9.9	21.2
5 31	17 48.63	−22 11.8	1.873	2.855	6.2	21.0
6 10	17 39.80	−22 26.5	1.844	2.856	2.2	20.8
6 20	17 30.39	−22 40.2	1.844	2.857	2.0	20.7
6 30	17 21.44	−22 52.5	1.870	2.857	6.1	21.0
7 10	17 13.90	−23 3.9	1.923	2.857	9.8	21.2
7 20	17 8.42	−23 15.3	1.998	2.858	13.0	21.4

332091 2005 UR_{89} 6 15.2 67°.62 3°.1/15.6 17

5 11	18 1.49	−32 33.6	2.221	3.059	12.4	20.7
5 21	17 56.04	−32 50.2	2.157	3.073	9.6	20.5
5 31	17 48.53	−32 59.8	2.115	3.087	6.5	20.4
6 10	17 39.73	−33 0.2	2.100	3.101	3.8	20.2
6 20	17 30.55	−32 50.5	2.111	3.115	3.5	20.2
6 30	17 21.97	−32 31.5	2.151	3.130	6.0	20.4
7 10	17 14.86	−32 5.9	2.216	3.144	9.0	20.6
7 20	17 9.80	−31 36.7	2.304	3.158	11.7	20.8

8920 1996 VZ_{29} 6 15.2 123°.82 0°.5/15.2 18 R

5 11	18 5.64	−21 39.5	1.723	2.573	14.9	18.9
5 21	17 59.47	−21 46.9	1.659	2.587	11.2	18.7
5 31	17 50.82	−21 54.8	1.617	2.600	7.0	18.4
6 10	17 40.56	−22 2.2	1.601	2.613	2.5	18.2
6 20	17 29.79	−22 8.1	1.612	2.625	2.3	18.2
6 30	17 19.73	−22 12.8	1.650	2.637	6.7	18.5
7 10	17 11.44	−22 17.3	1.713	2.648	10.8	18.8
7 20	17 5.62	−22 23.0	1.799	2.659	14.2	19.0

329939 2005 PF_{19} 6 15.2 322°.63 0°.3/15.1 17

5 11	17 55.48	−22 26.9	2.539	3.389	10.7	20.8
5 21	17 51.40	−22 23.0	2.443	3.371	8.1	20.6
5 31	17 45.65	−22 18.6	2.371	3.354	5.1	20.4
6 10	17 38.77	−22 13.4	2.326	3.337	1.8	20.2
6 20	17 31.39	−22 7.6	2.308	3.321	1.7	20.1
6 30	17 24.28	−22 1.6	2.318	3.305	5.1	20.3
7 10	17 18.16	−21 56.3	2.354	3.289	8.2	20.5
7 20	17 13.59	−21 52.5	2.414	3.273	11.1	20.7

100888 1998 HH_{117} 6 15.2 351°.46 1°.6/15.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 1.79	−23 41.5	1.253	2.129	17.7	19.3
5 21	17 57.73	−24 31.1	1.184	2.125	13.5	19.0
5 31	17 50.36	−25 23.6	1.135	2.122	8.6	18.7
6 10	17 40.56	−26 14.7	1.108	2.119	3.3	18.4
6 20	17 29.70	−27 0.2	1.105	2.118	3.2	18.4
6 30	17 19.47	−27 37.3	1.126	2.116	8.5	18.7
7 10	17 11.43	−28 6.2	1.169	2.116	13.5	18.9
7 20	17 6.61	−28 28.8	1.231	2.116	17.8	19.2

208963 2002 XX_{56} 6 15.2 177°.97 0°.5/15.1 18

5 11	18 0.22	−22 0.9	2.598	3.437	10.8	20.9
5 21	17 54.76	−21 55.3	2.516	3.439	8.1	20.8
5 31	17 47.63	−21 49.3	2.459	3.440	5.1	20.6
6 10	17 39.43	−21 42.5	2.429	3.440	1.8	20.3
6 20	17 30.83	−21 35.0	2.428	3.441	1.7	20.3
6 30	17 22.61	−21 27.3	2.456	3.440	5.0	20.6
7 10	17 15.47	−21 20.4	2.511	3.440	8.1	20.7
7 20	17 9.95	−21 15.3	2.590	3.439	10.8	20.9

409340 2004 VZ_{71} 6 15.2 191°.06 1°.7/14.9 16

5 11	18 4.96	−20 34.2	1.702	2.553	15.0	21.8
5 21	17 59.10	−20 8.7	1.624	2.553	11.4	21.6
5 31	17 50.69	−19 42.9	1.569	2.551	7.2	21.3
6 10	17 40.56	−19 17.2	1.539	2.549	2.9	21.1
6 20	17 29.78	−18 52.7	1.536	2.547	3.0	21.1
6 30	17 19.62	−18 31.1	1.559	2.544	7.3	21.3
7 10	17 11.17	−18 14.4	1.608	2.540	11.5	21.6
7 20	17 5.19	−18 4.0	1.678	2.536	15.2	21.8

92983 2000 RB_{72} 6 15.2 197°.90 9°.7/13.4 18

5 11	17 59.75	+ 4 17.2	2.285	3.065	13.9	20.3
5 21	17 54.52	+ 5 26.9	2.213	3.062	12.2	20.2
5 31	17 47.54	+ 6 21.6	2.163	3.059	10.6	20.1
6 10	17 39.42	+ 6 57.0	2.137	3.055	9.7	20.0
6 20	17 30.85	+ 7 10.2	2.135	3.050	9.9	20.0
6 30	17 22.65	+ 7 0.3	2.158	3.046	11.1	20.1
7 10	17 15.56	+ 6 29.0	2.203	3.040	12.8	20.2
7 20	17 10.14	+ 5 39.6	2.268	3.034	14.6	20.3

393047 2013 AW_{36} 6 15.2 239°.39 0°.4/15.2 18

5 11	17 59.77	−21 6.8	2.200	3.048	12.2	21.0
5 21	17 54.77	−21 22.5	2.120	3.046	9.2	20.8
5 31	17 47.82	−21 39.6	2.063	3.045	5.8	20.5
6 10	17 39.54	−21 57.3	2.033	3.044	2.0	20.3
6 20	17 30.73	−22 14.4	2.030	3.043	1.9	20.3
6 30	17 22.31	−22 30.8	2.055	3.041	5.6	20.5
7 10	17 15.12	−22 46.5	2.106	3.040	9.1	20.7
7 20	17 9.79	−23 2.2	2.181	3.039	12.1	20.9

148105 1999 RU_{102} 6 15.2 246°.39 1°.9/14.8 18

5 11	17 58.57	−19 0.1	2.461	3.304	11.2	19.9
5 21	17 53.63	−18 29.6	2.372	3.296	8.5	19.8
5 31	17 46.99	−17 59.4	2.308	3.288	5.5	19.5
6 10	17 39.23	−17 30.3	2.271	3.279	2.5	19.3
6 20	17 31.03	−17 3.6	2.261	3.270	2.6	19.3
6 30	17 23.19	−16 40.4	2.280	3.261	5.7	19.5
7 10	17 16.42	−16 22.2	2.326	3.252	8.8	19.7
7 20	17 11.27	−16 9.7	2.395	3.242	11.6	19.9

135856 2002 SC_{57} 6 15.2 249°.81 1°.6/15.1 17

5 11	18 0.10	−18 12.9	2.118	2.965	12.6	19.8
5 21	17 55.10	−18 17.7	2.033	2.958	9.6	19.6
5 31	17 48.08	−18 25.6	1.970	2.951	6.1	19.4
6 10	17 39.65	−18 36.5	1.934	2.943	2.6	19.2
6 20	17 30.64	−18 50.0	1.924	2.935	2.5	19.1
6 30	17 21.97	−19 5.8	1.943	2.927	6.1	19.4
7 10	17 14.55	−19 23.9	1.988	2.919	9.7	19.6
7 20	17 9.02	−19 44.5	2.055	2.911	12.8	19.7

236623 2006 KF_{2} 6 15.2 358°.04 4°.6/15.2 17

5 11	17 56.64	−30 11.8	1.222	2.103	17.7	19.1
5 21	17 54.02	−31 7.2	1.157	2.098	13.8	18.8
5 31	17 48.10	−31 57.7	1.111	2.094	9.4	18.6
6 10	17 39.80	−32 38.1	1.086	2.091	5.4	18.3
6 20	17 30.49	−33 3.9	1.084	2.090	5.3	18.3
6 30	17 21.88	−33 13.9	1.105	2.091	9.2	18.5
7 10	17 15.53	−33 10.6	1.146	2.094	13.6	18.8
7 20	17 12.41	−32 58.2	1.207	2.098	17.6	19.0

508081 2015 DA_{56} 6 15.2 313°.28 8°.1/14.9 17

5 11	17 59.70	− 4 17.1	1.648	2.483	16.2	21.5
5 21	17 55.10	− 3 38.9	1.577	2.480	13.3	21.3
5 31	17 48.20	− 3 15.3	1.526	2.477	10.4	21.2
6 10	17 39.72	− 3 10.0	1.499	2.474	8.4	21.0
6 20	17 30.61	− 3 25.1	1.495	2.471	8.4	21.0
6 30	17 22.00	− 4 0.5	1.516	2.469	10.5	21.1
7 10	17 14.89	− 4 53.5	1.560	2.466	13.5	21.3
7 20	17 10.00	− 6 0.1	1.624	2.464	16.4	21.5

62250 2000 SY_{80} 6 15.2 167°.05 1°.0/15.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 1.88	−20 8.2	1.829	2.682	14.0	19.5
5 21	17 56.67	−20 14.6	1.754	2.683	10.6	19.2
5 31	17 49.14	−20 23.0	1.701	2.684	6.7	19.0
6 10	17 40.04	−20 32.9	1.674	2.685	2.5	18.7
6 20	17 30.32	−20 43.5	1.673	2.685	2.4	18.7
6 30	17 21.12	−20 54.7	1.699	2.686	6.6	19.0
7 10	17 13.44	−21 7.0	1.750	2.686	10.5	19.2
7 20	17 7.99	−21 20.8	1.824	2.686	14.0	19.4

440288 2004 RJ_{217} 6 15.2 221°.38 1°.9/15.6 17

5 11	17 59.90	−31 41.3	3.575	4.395	8.5	23.2
5 21	17 54.25	−31 44.3	3.475	4.383	6.6	23.0
5 31	17 47.24	−31 42.3	3.400	4.370	4.4	22.8
6 10	17 39.31	−31 34.5	3.354	4.356	2.4	22.7
6 20	17 31.02	−31 20.3	3.337	4.342	2.2	22.7
6 30	17 22.98	−31 0.2	3.350	4.328	4.2	22.8
7 10	17 15.79	−30 35.6	3.391	4.313	6.4	22.9
7 20	17 9.89	−30 8.3	3.459	4.297	8.5	23.0

62093 2000 RQ_{92} 6 15.2 326°.24 3°.0/15.2 18

5 11	18 0.57	−27 54.8	1.428	2.297	16.4	19.1
5 21	17 56.68	−28 35.5	1.347	2.283	12.6	18.8
5 31	17 49.68	−29 14.1	1.286	2.270	8.3	18.5
6 10	17 40.37	−29 46.5	1.249	2.257	4.1	18.2
6 20	17 29.96	−30 9.1	1.235	2.245	3.9	18.2
6 30	17 20.02	−30 20.6	1.246	2.234	8.3	18.4
7 10	17 12.03	−30 22.6	1.280	2.223	12.9	18.6
7 20	17 7.04	−30 18.4	1.333	2.213	17.0	18.9

64637 2001 XM_{51} 6 15.2 20°.99 1°.2/15.1 18

5 11	18 0.88	−23 54.0	1.892	2.746	13.6	18.9
5 21	17 55.97	−24 38.8	1.819	2.749	10.3	18.7
5 31	17 48.74	−25 24.5	1.770	2.752	6.5	18.4
6 10	17 39.92	−26 8.4	1.745	2.756	2.5	18.2
6 20	17 30.45	−26 47.9	1.748	2.760	2.4	18.2
6 30	17 21.44	−27 21.4	1.778	2.765	6.3	18.4
7 10	17 13.91	−27 49.1	1.834	2.770	10.1	18.7
7 20	17 8.61	−28 11.9	1.911	2.775	13.4	18.9

339422 2005 EM_{37} 6 15.2 204°.24 3°.1/15.6 18

5 11	18 3.16	−31 53.6	2.057	2.897	13.2	20.6
5 21	17 57.61	−32 10.4	1.977	2.895	10.2	20.4
5 31	17 49.72	−32 20.3	1.920	2.894	6.9	20.2
6 10	17 40.24	−32 20.7	1.889	2.892	3.9	20.0
6 20	17 30.17	−32 10.4	1.884	2.890	3.6	20.0
6 30	17 20.63	−31 49.9	1.907	2.888	6.5	20.2
7 10	17 12.64	−31 22.0	1.955	2.885	9.9	20.4
7 20	17 6.93	−30 50.3	2.026	2.883	13.0	20.6

299876 2006 SR_{302} 6 15.2 250°.54 2°.4/15.5 18

5 11	18 2.10	−30 34.0	2.482	3.316	11.4	22.4
5 21	17 56.55	−30 47.0	2.383	3.299	8.8	22.2
5 31	17 48.98	−30 54.9	2.308	3.282	5.9	22.0
6 10	17 39.99	−30 55.6	2.260	3.265	3.1	21.7
6 20	17 30.38	−30 48.1	2.239	3.247	2.9	21.7
6 30	17 21.07	−30 32.7	2.248	3.228	5.7	21.9
7 10	17 12.96	−30 11.0	2.282	3.210	8.8	22.0
7 20	17 6.72	−29 45.9	2.341	3.191	11.7	22.2

207447 2006 EX_{65} 6 15.2 356°.94 0°.6/15.2 17

5 11	17 59.54	−24 30.1	1.087	1.975	19.0	19.7
5 21	17 56.27	−24 32.2	1.024	1.971	14.4	19.4
5 31	17 49.52	−24 32.0	0.979	1.969	9.1	19.1
6 10	17 40.30	−24 28.1	0.955	1.967	3.3	18.8
6 20	17 30.12	−24 19.7	0.953	1.966	3.0	18.8
6 30	17 20.78	−24 7.9	0.973	1.967	8.9	19.1
7 10	17 13.88	−23 55.6	1.014	1.968	14.3	19.4
7 20	17 10.36	−23 45.6	1.073	1.971	18.9	19.7

489972 2008 SU_{62} 6 15.2 281°.68 2°.2/14.9 17

5 11	18 1.03	−18 48.8	1.832	2.685	14.0	21.8
5 21	17 56.24	−18 26.3	1.734	2.662	10.7	21.5
5 31	17 49.04	−18 4.7	1.658	2.639	7.0	21.2
6 10	17 40.08	−17 45.0	1.607	2.616	3.2	20.9
6 20	17 30.28	−17 28.1	1.582	2.592	3.2	20.9
6 30	17 20.76	−17 15.3	1.584	2.568	7.3	21.1
7 10	17 12.64	−17 8.1	1.611	2.544	11.5	21.3
7 20	17 6.73	−17 7.4	1.660	2.520	15.2	21.4

521378 2015 ML_{141} 6 15.2 262°.79 4°.6/14.6 18

5 11	17 57.61	− 8 35.4	2.577	3.403	11.3	22.0
5 21	17 52.89	− 8 12.9	2.481	3.385	9.0	21.8
5 31	17 46.57	− 7 57.6	2.409	3.367	6.7	21.6
6 10	17 39.13	− 7 51.1	2.363	3.349	4.9	21.5
6 20	17 31.20	− 7 54.6	2.344	3.330	5.0	21.5
6 30	17 23.49	− 8 8.5	2.352	3.311	6.9	21.6
7 10	17 16.69	− 8 32.2	2.387	3.292	9.5	21.7
7 20	17 11.35	− 9 4.7	2.445	3.273	11.9	21.8

158087 2000 VN_{48} 6 15.2 283°.75 0°.5/15.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 2.29	−23 2.6	1.840	2.693	14.0	20.0
5 21	17 57.32	−22 49.3	1.736	2.665	10.7	19.7
5 31	17 49.79	−22 33.9	1.654	2.637	6.8	19.4
6 10	17 40.37	−22 16.0	1.597	2.608	2.4	19.1
6 20	17 30.00	−21 55.6	1.566	2.579	2.3	19.0
6 30	17 19.88	−21 34.1	1.563	2.550	7.0	19.2
7 10	17 11.19	−21 13.5	1.585	2.520	11.4	19.4
7 20	17 4.82	−20 56.3	1.628	2.491	15.3	19.6

183153 2002 SD_{1} 6 15.2 285°.63 4°.6/15.4 17

5 11	18 4.54	−32 17.9	1.546	2.399	16.1	20.2
5 21	17 59.66	−32 56.8	1.459	2.384	12.7	20.0
5 31	17 51.56	−33 29.0	1.394	2.368	8.8	19.7
6 10	17 41.04	−33 49.7	1.351	2.353	5.3	19.4
6 20	17 29.38	−33 55.0	1.334	2.338	5.1	19.4
6 30	17 18.19	−33 44.2	1.341	2.322	8.7	19.6
7 10	17 9.02	−33 20.7	1.372	2.307	12.9	19.8
7 20	17 2.91	−32 49.4	1.423	2.292	16.8	20.0

416299 2003 RW_{19} 6 15.2 237°.28 2°.3/14.9 17

5 11	18 4.19	−17 59.0	1.882	2.727	14.0	22.4
5 21	17 58.50	−17 42.7	1.788	2.712	10.8	22.2
5 31	17 50.39	−17 28.6	1.717	2.697	7.0	21.9
6 10	17 40.54	−17 17.1	1.672	2.680	3.2	21.7
6 20	17 29.89	−17 9.0	1.654	2.663	3.3	21.6
6 30	17 19.59	−17 4.9	1.663	2.645	7.2	21.8
7 10	17 10.72	−17 5.9	1.698	2.627	11.3	22.0
7 20	17 4.09	−17 12.6	1.755	2.607	14.9	22.2

36253 1999 XT_{11} 6 15.2 145°.96 2°.1/15.7 18

5 11	18 0.86	−31 18.5	2.548	3.382	11.1	18.6
5 21	17 55.36	−31 12.8	2.469	3.385	8.5	18.4
5 31	17 48.06	−31 0.6	2.415	3.388	5.6	18.2
6 10	17 39.62	−30 40.9	2.386	3.392	2.9	18.0
6 20	17 30.82	−30 13.5	2.387	3.395	2.6	18.0
6 30	17 22.51	−29 39.8	2.415	3.397	5.2	18.2
7 10	17 15.44	−29 2.2	2.471	3.400	8.1	18.4
7 20	17 10.16	−28 23.4	2.551	3.403	10.8	18.6

341132 2007 MD_{12} 6 15.2 252°.22 0°.1/15.2 16

5 11	18 1.52	−24 5.3	2.028	2.877	13.0	21.6
5 21	17 56.33	−23 59.6	1.939	2.867	9.9	21.4
5 31	17 48.93	−23 51.8	1.873	2.856	6.2	21.1
6 10	17 40.00	−23 41.3	1.833	2.845	2.2	20.8
6 20	17 30.43	−23 27.8	1.821	2.834	2.0	20.8
6 30	17 21.26	−23 12.4	1.836	2.823	6.1	21.1
7 10	17 13.49	−22 56.6	1.876	2.811	10.0	21.3
7 20	17 7.81	−22 42.5	1.940	2.799	13.3	21.4

312764 2010 TP_{178} 6 15.2 157°.68 0°.6/15.1 18

5 11	17 58.37	−21 26.7	2.733	3.574	10.3	21.4
5 21	17 53.32	−21 23.3	2.654	3.577	7.7	21.2
5 31	17 46.73	−21 19.9	2.600	3.581	4.8	21.1
6 10	17 39.16	−21 16.4	2.573	3.584	1.8	20.8
6 20	17 31.24	−21 12.6	2.575	3.587	1.7	20.8
6 30	17 23.68	−21 9.1	2.605	3.590	4.7	21.1
7 10	17 17.11	−21 6.5	2.663	3.592	7.6	21.3
7 20	17 12.04	−21 5.6	2.745	3.595	10.2	21.4

40406 1999 OR_{1} 6 15.2 182°.38 2°.6/15.2 18

5 11	18 3.81	−16 12.1	1.644	2.496	15.4	18.4
5 21	17 58.34	−16 14.8	1.570	2.497	11.8	18.2
5 31	17 50.30	−16 23.4	1.517	2.497	7.7	17.9
6 10	17 40.50	−16 37.9	1.489	2.497	3.6	17.7
6 20	17 29.99	−16 57.8	1.487	2.496	3.5	17.7
6 30	17 20.01	−17 22.4	1.512	2.496	7.6	17.9
7 10	17 11.72	−17 51.1	1.561	2.494	11.7	18.2
7 20	17 5.88	−18 23.4	1.632	2.493	15.4	18.4

342259 2008 SB_{301} 6 15.2 279°.08 0°.9/15.3 18

5 11	18 2.50	−26 28.3	1.866	2.717	13.9	21.8
5 21	17 57.42	−26 20.8	1.768	2.696	10.6	21.6
5 31	17 49.81	−26 8.8	1.692	2.674	6.8	21.3
6 10	17 40.36	−25 51.1	1.641	2.652	2.6	21.0
6 20	17 30.07	−25 27.3	1.616	2.629	2.3	20.9
6 30	17 20.12	−24 58.6	1.619	2.607	6.7	21.1
7 10	17 11.69	−24 27.9	1.647	2.584	11.0	21.3
7 20	17 5.62	−23 58.1	1.697	2.561	14.7	21.5

15826 1994 YO 6 15.2 260°.45 1°.2/15.2 18

5 11	18 4.13	−20 13.8	1.559	2.418	15.8	19.0
5 21	17 59.02	−20 18.0	1.470	2.402	12.1	18.8
5 31	17 51.00	−20 24.7	1.401	2.385	7.7	18.5
6 10	17 40.83	−20 33.1	1.357	2.368	2.9	18.1
6 20	17 29.61	−20 42.5	1.338	2.351	2.8	18.1
6 30	17 18.76	−20 52.6	1.346	2.333	7.8	18.3
7 10	17 9.63	−21 4.1	1.377	2.315	12.6	18.6
7 20	17 3.21	−21 18.1	1.429	2.297	16.8	18.8

443537 2014 KR_2 6 15.2 14°.02 5°.5/14.3 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	17 56.60	−10 42.5	1.856	2.705	14.0	20.8
5 21	17 52.49	− 9 50.5	1.789	2.708	11.0	20.6
5 31	17 46.42	− 9 5.8	1.745	2.712	8.0	20.4
6 10	17 39.09	− 8 31.4	1.725	2.716	5.8	20.3
6 20	17 31.33	− 8 9.7	1.731	2.721	6.0	20.3
6 30	17 24.08	− 8 1.9	1.762	2.727	8.4	20.5
7 10	17 18.17	− 8 7.8	1.817	2.733	11.4	20.7
7 20	17 14.18	− 8 25.9	1.893	2.739	14.2	20.9

512110 2015 OM_{68} 6 15.2 319°.71 3°.0/15.8 18

5 11	18 0.67	−32 35.5	1.929	2.775	13.7	21.1
5 21	17 55.94	−32 28.9	1.840	2.762	10.6	20.9
5 31	17 48.79	−32 13.0	1.773	2.748	7.2	20.7
6 10	17 39.96	−31 46.0	1.731	2.736	3.9	20.4
6 20	17 30.49	−31 7.5	1.716	2.723	3.5	20.4
6 30	17 21.54	−30 19.2	1.727	2.711	6.7	20.6
7 10	17 14.19	−29 25.2	1.763	2.699	10.4	20.7
7 20	17 9.17	−28 29.8	1.821	2.688	13.8	20.9

288391 2004 CT_{85} 6 15.2 60°.82 0°.1/15.2 17

5 11	18 3.36	−22 49.4	1.431	2.297	16.5	20.9
5 21	17 58.21	−22 58.1	1.373	2.309	12.5	20.6
5 31	17 50.25	−23 6.7	1.336	2.322	7.8	20.4
6 10	17 40.46	−23 13.8	1.323	2.335	2.7	20.1
6 20	17 30.09	−23 18.3	1.335	2.348	2.5	20.2
6 30	17 20.56	−23 20.6	1.371	2.361	7.4	20.5
7 10	17 13.05	−23 22.2	1.432	2.375	11.9	20.8
7 20	17 8.31	−23 24.7	1.513	2.388	15.6	21.0

301391 2009 DP_{24} 6 15.2 135°.31 0°.9/15.1 17

5 11	17 59.93	−20 35.6	2.106	2.955	12.6	21.0
5 21	17 54.93	−20 36.1	2.029	2.957	9.5	20.8
5 31	17 47.94	−20 37.8	1.976	2.958	6.0	20.6
6 10	17 39.63	−20 40.1	1.948	2.959	2.2	20.4
6 20	17 30.83	−20 43.0	1.948	2.960	2.1	20.4
6 30	17 22.47	−20 46.6	1.975	2.961	5.9	20.6
7 10	17 15.41	−20 51.5	2.028	2.962	9.4	20.8
7 20	17 10.27	−20 58.4	2.105	2.963	12.5	21.0

228598 2002 AC_{98} 6 15.2 218°.97 1°.1/15.3 18

5 11	18 4.23	−26 52.2	2.363	3.198	11.9	22.4
5 21	17 58.13	−26 56.9	2.268	3.187	9.0	22.2
5 31	17 49.97	−26 58.1	2.198	3.176	5.8	22.0
6 10	17 40.36	−26 54.4	2.154	3.164	2.3	21.7
6 20	17 30.14	−26 45.1	2.140	3.151	2.1	21.7
6 30	17 20.28	−26 30.6	2.154	3.138	5.6	21.9
7 10	17 11.69	−26 12.8	2.195	3.124	9.1	22.1
7 20	17 5.05	−25 53.9	2.260	3.109	12.1	22.3

91230 1999 BK_{16} 6 15.2 31°.51 6°.0/16.1 18

5 11	18 5.64	−35 40.3	1.170	2.035	19.5	18.0
5 21	18 0.94	−36 0.6	1.112	2.040	15.4	17.7
5 31	17 52.40	−36 6.0	1.073	2.047	10.9	17.5
6 10	17 41.28	−35 51.2	1.054	2.053	7.0	17.3
6 20	17 29.37	−35 14.1	1.058	2.061	6.4	17.3
6 30	17 18.68	−34 18.1	1.085	2.069	9.8	17.5
7 10	17 10.82	−33 10.9	1.133	2.077	14.2	17.8
7 20	17 6.65	−32 0.7	1.201	2.086	18.2	18.0

91381 1999 JR_{109} 6 15.2 225°.65 2°.5/15.1 18

5 11	18 5.76	−28 18.9	2.255	3.089	12.4	18.8
5 21	17 59.56	−29 3.9	2.161	3.077	9.5	18.5
5 31	17 51.03	−29 47.1	2.090	3.065	6.3	18.3
6 10	17 40.79	−30 24.9	2.047	3.052	3.2	18.1
6 20	17 29.73	−30 54.7	2.032	3.039	3.1	18.1
6 30	17 18.93	−31 15.1	2.045	3.025	6.3	18.2
7 10	17 9.44	−31 27.0	2.086	3.010	9.7	18.4
7 20	17 2.06	−31 32.4	2.150	2.994	12.8	18.6

85638 1998 ML_{35} 6 15.2 261°.99 4°.7/16.5 18

5 11	18 4.53	−39 36.8	2.444	3.256	12.2	19.0
5 21	17 58.41	−39 31.8	2.354	3.247	9.9	18.9
5 31	17 50.10	−39 14.3	2.286	3.239	7.3	18.7
6 10	17 40.38	−38 42.1	2.245	3.231	5.2	18.5
6 20	17 30.21	−37 54.6	2.231	3.222	4.8	18.5
6 30	17 20.63	−36 53.4	2.245	3.213	6.6	18.6
7 10	17 12.57	−35 42.6	2.286	3.205	9.2	18.7
7 20	17 6.67	−34 27.3	2.351	3.196	11.8	18.9

241585 1997 JS_2 6 15.2 222°.49 7°.4/14.4 18

5 11	17 57.16	+ 0 51.5	2.599	3.392	12.1	21.1
5 21	17 52.45	+ 1 30.4	2.520	3.387	10.3	20.9
5 31	17 46.24	+ 1 56.9	2.464	3.381	8.6	20.8
6 10	17 39.03	+ 2 8.4	2.432	3.375	7.6	20.7
6 20	17 31.44	+ 2 3.3	2.426	3.368	7.6	20.7
6 30	17 24.13	+ 1 41.1	2.446	3.362	8.8	20.8
7 10	17 17.75	+ 1 3.4	2.490	3.355	10.6	20.9
7 20	17 12.80	+ 0 12.6	2.556	3.348	12.5	21.0

173727 2001 QS_{210} 6 15.2 84°.71 3°.3/15.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 2.87	−33 8.8	2.064	2.902	13.2	20.2
5 21	17 57.31	−33 13.6	1.991	2.908	10.3	20.0
5 31	17 49.47	−33 9.8	1.942	2.913	7.0	19.8
6 10	17 40.18	−32 55.4	1.917	2.919	4.0	19.6
6 20	17 30.42	−32 29.9	1.920	2.925	3.7	19.6
6 30	17 21.30	−31 54.6	1.950	2.930	6.4	19.8
7 10	17 13.79	−31 13.0	2.005	2.936	9.7	20.0
7 20	17 8.52	−30 28.9	2.084	2.942	12.6	20.2

352072 2006 WQ_{111} 6 15.2 129°.88 0°.7/15.1 18

5 11	17 59.51	−21 9.0	2.529	3.371	11.0	22.0
5 21	17 54.25	−21 7.2	2.456	3.379	8.2	21.9
5 31	17 47.36	−21 5.7	2.407	3.388	5.2	21.7
6 10	17 39.41	−21 4.2	2.385	3.396	1.9	21.5
6 20	17 31.12	−21 2.6	2.392	3.404	1.8	21.5
6 30	17 23.23	−21 1.4	2.427	3.412	5.0	21.7
7 10	17 16.46	−21 1.2	2.489	3.419	8.1	21.9
7 20	17 11.31	−21 2.6	2.575	3.426	10.7	22.1

180485 2004 CP_{72} 6 15.2 31°.47 1°.7/15.2 17

5 11	18 1.87	−18 1.2	1.387	2.254	16.8	19.8
5 21	17 57.25	−18 18.5	1.323	2.259	12.8	19.5
5 31	17 49.79	−18 41.9	1.279	2.264	8.1	19.3
6 10	17 40.37	−19 10.2	1.258	2.269	3.3	19.0
6 20	17 30.22	−19 41.8	1.263	2.275	3.1	19.0
6 30	17 20.75	−20 15.2	1.292	2.281	7.8	19.3
7 10	17 13.22	−20 49.7	1.344	2.288	12.4	19.6
7 20	17 8.45	−21 24.8	1.417	2.295	16.4	19.8

199382 2006 BH_{240} 6 15.2 347°.56 2°.5/15.2 18

5 11	17 59.62	−16 44.0	1.561	2.424	15.5	19.7
5 21	17 55.34	−16 46.3	1.487	2.420	11.9	19.5
5 31	17 48.52	−16 54.4	1.435	2.417	7.7	19.3
6 10	17 39.93	−17 8.5	1.406	2.414	3.6	19.0
6 20	17 30.62	−17 28.1	1.402	2.412	3.5	19.0
6 30	17 21.82	−17 52.8	1.424	2.410	7.6	19.2
7 10	17 14.67	−18 21.7	1.469	2.409	11.8	19.5
7 20	17 9.97	−18 54.3	1.536	2.408	15.6	19.7

306727 2000 WU_{148} 6 15.2 204°.86 1°.3/15.2 18

5 11	17 59.34	−17 52.4	2.815	3.650	10.2	21.3
5 21	17 54.07	−18 4.1	2.726	3.645	7.7	21.1
5 31	17 47.26	−18 18.5	2.662	3.640	4.9	20.9
6 10	17 39.40	−18 35.4	2.626	3.635	2.1	20.7
6 20	17 31.11	−18 54.0	2.619	3.629	2.0	20.7
6 30	17 23.08	−19 14.2	2.641	3.623	4.9	20.9
7 10	17 15.97	−19 35.7	2.691	3.617	7.7	21.1
7 20	17 10.30	−19 58.5	2.765	3.610	10.3	21.3

182389 2001 QY_{255} 6 15.2 333°.69 1°.8/15.3 17

5 11	17 58.45	−25 52.6	1.229	2.110	17.6	19.9
5 21	17 55.42	−26 16.5	1.151	2.095	13.5	19.6
5 31	17 49.08	−26 39.0	1.092	2.080	8.7	19.3
6 10	17 40.25	−26 56.9	1.055	2.066	3.5	18.9
6 20	17 30.26	−27 7.9	1.041	2.053	3.3	18.9
6 30	17 20.81	−27 11.3	1.049	2.042	8.7	19.1
7 10	17 13.49	−27 8.9	1.080	2.031	13.8	19.4
7 20	17 9.39	−27 3.9	1.128	2.022	18.4	19.6

471277 2011 FX_{33} 6 15.2 344°.51 11°.8/13.2 16

5 11	17 53.12	− 2 56.6	1.229	2.091	18.9	20.3
5 21	17 50.87	− 1 23.2	1.162	2.076	16.1	20.1
5 31	17 45.93	− 0 5.7	1.113	2.062	13.5	19.9
6 10	17 39.08	+ 0 47.6	1.083	2.050	11.9	19.8
6 20	17 31.41	+ 1 10.5	1.074	2.039	12.3	19.7
6 30	17 24.25	+ 1 0.0	1.085	2.030	14.5	19.8
7 10	17 18.84	+ 0 18.4	1.114	2.023	17.5	20.0
7 20	17 16.02	− 0 48.7	1.161	2.017	20.6	20.2

55972 1998 QS_{20} 6 15.2 282°.68 0°.3/15.2 18

5 11	18 3.70	−23 16.9	1.340	2.208	17.2	19.6
5 21	17 59.21	−23 11.1	1.251	2.188	13.2	19.3
5 31	17 51.41	−23 3.8	1.182	2.168	8.4	18.9
6 10	17 41.08	−22 53.8	1.136	2.148	3.0	18.5
6 20	17 29.51	−22 40.6	1.114	2.127	2.8	18.5
6 30	17 18.34	−22 25.4	1.116	2.106	8.6	18.7
7 10	17 9.18	−22 10.7	1.141	2.086	14.0	19.0
7 20	17 3.16	−21 59.5	1.185	2.065	18.7	19.2

277652 2006 BX_{131} 6 15.2 334°.64 9°.2/14.5 18

5 11	17 55.75	− 4 46.9	1.404	2.258	17.4	19.8
5 21	17 52.64	− 3 54.5	1.328	2.242	14.5	19.6
5 31	17 46.96	− 3 17.1	1.271	2.227	11.5	19.4
6 10	17 39.44	− 3 0.1	1.235	2.213	9.4	19.2
6 20	17 31.10	− 3 7.0	1.221	2.200	9.6	19.2
6 30	17 23.18	− 3 38.8	1.230	2.188	11.9	19.3
7 10	17 16.86	− 4 33.1	1.260	2.177	15.2	19.4
7 20	17 12.98	− 5 45.1	1.308	2.167	18.5	19.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
16443 1989 GV_1			6 15.2 338°45		5°3/15.6 18	
	h m	° ′			°	m
5 11	18 0.24	−32 21.7	1.097	1.978	19.3	17.1
5 21	17 57.29	−32 55.9	1.027	1.966	15.2	16.8
5 31	17 50.48	−33 20.6	0.974	1.956	10.6	16.5
6 10	17 40.80	−33 30.2	0.942	1.946	6.3	16.2
6 20	17 29.86	−33 20.7	0.931	1.938	5.9	16.1
6 30	17 19.71	−32 52.8	0.942	1.931	10.1	16.4
7 10	17 12.20	−32 11.7	0.974	1.925	15.1	16.6
7 20	17 8.44	−31 24.5	1.023	1.920	19.6	16.9
202425 2005 WH_{112}			6 15.2 229°36		2°0/14.9 17	
5 11	18 4.64	−20 25.0	1.426	2.289	16.7	20.7
5 21	17 59.40	−19 56.0	1.350	2.284	12.8	20.4
5 31	17 51.19	−19 26.7	1.294	2.278	8.2	20.1
6 10	17 40.91	−18 58.0	1.262	2.273	3.4	19.8
6 20	17 29.81	−18 31.1	1.255	2.267	3.4	19.8
6 30	17 19.35	−18 8.4	1.274	2.260	8.3	20.1
7 10	17 10.88	−17 52.0	1.316	2.254	13.1	20.3
7 20	17 5.24	−17 43.6	1.378	2.247	17.2	20.6
489344 2006 UZ_{39}			6 15.2 183°17		2°3/14.8 16	
5 11	17 59.05	−17 10.3	2.505	3.345	11.1	22.1
5 21	17 53.94	−16 44.9	2.425	3.346	8.5	21.9
5 31	17 47.20	−16 21.4	2.369	3.346	5.5	21.7
6 10	17 39.40	−16 0.6	2.339	3.345	2.8	21.6
6 20	17 31.23	−15 43.5	2.338	3.345	2.9	21.6
6 30	17 23.43	−15 31.0	2.365	3.344	5.6	21.7
7 10	17 16.70	−15 23.7	2.419	3.342	8.6	21.9
7 20	17 11.55	−15 22.1	2.497	3.341	11.2	22.1
443527 2014 JK_{67}			6 15.2 340°35		4°0/14.5 16	
5 11	17 57.29	−13 18.8	2.181	3.026	12.4	21.3
5 21	17 52.83	−12 38.3	2.104	3.023	9.6	21.1
5 31	17 46.60	−12 2.3	2.049	3.021	6.7	21.0
6 10	17 39.22	−11 32.6	2.021	3.019	4.3	20.8
6 20	17 31.40	−11 11.2	2.019	3.017	4.5	20.8
6 30	17 23.99	−10 59.1	2.045	3.015	7.0	21.0
7 10	17 17.73	−10 56.8	2.095	3.014	9.9	21.1
7 20	17 13.19	−11 3.9	2.168	3.012	12.7	21.3
103419 2000 AS_{150}			6 15.2 163°98		6°3/14.6 18	
5 11	17 59.53	− 4 25.1	2.348	3.163	12.6	20.3
5 21	17 54.31	− 3 48.5	2.277	3.167	10.3	20.1
5 31	17 47.44	− 3 22.3	2.228	3.171	8.1	20.0
6 10	17 39.49	− 3 8.9	2.205	3.174	6.5	19.9
6 20	17 31.16	− 3 9.7	2.208	3.177	6.6	19.9
6 30	17 23.23	− 3 25.1	2.238	3.180	8.2	20.0
7 10	17 16.39	− 3 53.8	2.292	3.182	10.5	20.2
7 20	17 11.17	− 4 33.7	2.370	3.184	12.7	20.3
504795 2010 AZ_{68}			6 15.2 184°99		4°5/15.9 17	
5 11	18 6.97	−37 8.6	2.387	3.202	12.4	22.8
5 21	18 0.31	−37 30.4	2.304	3.203	9.9	22.6
5 31	17 51.37	−37 42.6	2.245	3.202	7.2	22.4
6 10	17 40.91	−37 41.9	2.212	3.201	5.0	22.3
6 20	17 29.89	−37 26.7	2.207	3.199	4.7	22.3
6 30	17 19.42	−36 57.8	2.230	3.197	6.7	22.4
7 10	17 10.49	−36 18.3	2.279	3.194	9.4	22.5
7 20	17 3.78	−35 32.4	2.352	3.191	12.0	22.7
381173 2007 JU_4			6 15.2 320°48		1°9/15.2 18	
5 11	18 3.14	−26 7.3	1.751	2.605	14.5	20.3
5 21	17 57.96	−26 45.0	1.676	2.604	11.1	20.1
5 31	17 50.17	−27 21.6	1.622	2.604	7.1	19.9
6 10	17 40.56	−27 53.9	1.593	2.603	3.0	19.6
6 20	17 30.18	−28 19.2	1.591	2.602	2.9	19.6
6 30	17 20.30	−28 36.7	1.616	2.602	6.9	19.8
7 10	17 12.10	−28 47.3	1.665	2.601	10.9	20.1
7 20	17 6.39	−28 53.3	1.736	2.600	14.4	20.3
53 Kalypso			6 15.2 159°59		2°1/15.0 18	
5 11	18 2.30	−17 0.8	2.275	3.113	12.2	13.8
5 21	17 56.50	−16 52.0	2.200	3.120	9.2	13.6
5 31	17 48.86	−16 46.2	2.149	3.126	6.0	13.4
6 10	17 40.01	−16 43.6	2.125	3.132	2.9	13.2
6 20	17 30.74	−16 44.5	2.129	3.137	2.8	13.2
6 30	17 21.91	−16 49.0	2.161	3.141	5.9	13.4
7 10	17 14.32	−16 57.5	2.220	3.145	9.2	13.6
7 20	17 8.55	−17 10.1	2.303	3.148	12.0	13.8
290356 2005 ST_{260}			6 15.2 180°75		0°6/15.3 18	
5 11	17 59.71	−25 17.0	2.795	3.631	10.2	22.3
5 21	17 54.38	−25 21.2	2.711	3.632	7.7	22.1
5 31	17 47.47	−25 23.4	2.653	3.632	4.8	21.9
6 10	17 39.52	−25 22.8	2.622	3.632	1.8	21.7
6 20	17 31.18	−25 19.1	2.620	3.632	1.6	21.7
6 30	17 23.19	−25 12.6	2.646	3.631	4.7	21.9
7 10	17 16.21	−25 4.4	2.701	3.630	7.5	22.1
7 20	17 10.77	−24 55.7	2.780	3.629	10.1	22.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
476319 2007 XW_{55}			6 15.2 170°22		1°0/15.0 17	
	h m	° ′			°	m
5 11	18 0.70	−21 32.1	2.477	3.317	11.2	21.7
5 21	17 55.21	−21 9.8	2.397	3.320	8.5	21.5
5 31	17 48.00	−20 46.5	2.342	3.323	5.3	21.3
6 10	17 39.70	−20 22.6	2.314	3.325	2.0	21.1
6 20	17 31.03	−19 58.9	2.315	3.327	2.0	21.1
6 30	17 22.79	−19 36.5	2.344	3.328	5.3	21.3
7 10	17 15.70	−19 16.8	2.401	3.329	8.4	21.5
7 20	17 10.29	−19 1.0	2.481	3.329	11.2	21.7
275144 2009 VP_{78}			6 15.2 212°68		6°5/14.2 18	
5 11	18 0.78	− 6 18.6	2.120	2.943	13.5	21.1
5 21	17 55.51	− 5 28.5	2.039	2.937	10.9	20.9
5 31	17 48.34	− 4 47.5	1.981	2.931	8.5	20.7
6 10	17 39.88	− 4 18.7	1.948	2.924	6.7	20.6
6 20	17 30.89	− 4 4.5	1.941	2.916	6.9	20.6
6 30	17 22.28	− 4 6.1	1.961	2.908	8.9	20.7
7 10	17 14.87	− 4 22.7	2.005	2.900	11.5	20.8
7 20	17 9.27	− 4 52.6	2.071	2.891	14.1	21.0
74848 1999 TS_{49}			6 15.2 197°31		4°1/14.8 18	
5 11	18 2.79	−14 28.2	1.705	2.555	15.0	19.8
5 21	17 57.47	−13 56.0	1.629	2.553	11.7	19.6
5 31	17 49.75	−13 28.8	1.576	2.551	7.9	19.4
6 10	17 40.40	−13 8.5	1.547	2.549	4.7	19.2
6 20	17 30.43	−12 56.8	1.544	2.547	4.8	19.2
6 30	17 20.99	−12 54.6	1.567	2.544	8.1	19.4
7 10	17 13.13	−13 2.3	1.615	2.541	11.9	19.6
7 20	17 7.58	−13 19.1	1.684	2.537	15.3	19.8
81089 2000 EQ_{92}			6 15.2 31°34		4°8/15.8 18	
5 11	18 4.03	−33 18.8	1.377	2.237	17.4	18.9
5 21	17 59.24	−33 47.2	1.316	2.244	13.6	18.6
5 31	17 51.20	−34 5.5	1.275	2.250	9.4	18.4
6 10	17 40.95	−34 9.2	1.256	2.258	5.7	18.2
6 20	17 29.97	−33 56.0	1.261	2.265	5.3	18.2
6 30	17 19.91	−33 27.4	1.290	2.273	8.7	18.4
7 10	17 12.20	−32 48.3	1.342	2.282	12.7	18.7
7 20	17 7.66	−32 4.4	1.415	2.291	16.4	18.9
58111 1981 ER_2			6 15.2 73°41		9°5/14.0 18	
5 11	17 58.46	+ 3 33.4	2.214	3.002	14.1	19.8
5 21	17 53.45	+ 4 47.3	2.169	3.024	12.1	19.7
5 31	17 46.86	+ 5 45.0	2.146	3.046	10.5	19.6
6 10	17 39.30	+ 6 22.6	2.146	3.067	9.5	19.6
6 20	17 31.50	+ 6 38.0	2.170	3.089	9.6	19.7
6 30	17 24.23	+ 6 31.0	2.219	3.110	10.7	19.8
7 10	17 18.14	+ 6 3.8	2.290	3.131	12.2	19.9
7 20	17 13.70	+ 5 19.9	2.381	3.152	13.9	20.1
41535 2000 RL_{10}			6 15.2 226°53		0°4/15.3 18	
5 11	18 3.13	−24 24.3	2.332	3.171	11.9	19.8
5 21	17 57.37	−24 31.5	2.237	3.159	9.0	19.6
5 31	17 49.57	−24 37.1	2.166	3.147	5.7	19.3
6 10	17 40.34	−24 40.1	2.123	3.134	2.1	19.1
6 20	17 30.48	−24 39.7	2.107	3.120	1.9	19.0
6 30	17 20.93	−24 36.1	2.121	3.106	5.6	19.2
7 10	17 12.61	−24 30.4	2.161	3.091	9.1	19.4
7 20	17 6.17	−24 24.3	2.225	3.076	12.2	19.6
297842 2002 BK_{27}			6 15.2 203°96		1°7/15.3 18	
5 11	18 1.38	−27 20.0	2.545	3.381	11.1	20.6
5 21	17 55.92	−27 51.3	2.459	3.379	8.4	20.4
5 31	17 48.59	−28 20.5	2.398	3.375	5.4	20.2
6 10	17 39.98	−28 45.5	2.364	3.372	2.5	20.0
6 20	17 30.82	−29 4.8	2.358	3.368	2.4	20.0
6 30	17 21.98	−29 17.9	2.382	3.364	5.3	20.2
7 10	17 14.26	−29 25.4	2.432	3.360	8.3	20.3
7 20	17 8.30	−29 29.0	2.506	3.355	11.0	20.5
305468 2008 DU_{38}			6 15.2 49°83		0°2/15.2 18	
5 11	17 59.80	−22 58.0	2.115	2.965	12.5	20.3
5 21	17 54.89	−23 14.7	2.043	2.970	9.4	20.1
5 31	17 47.99	−23 31.5	1.994	2.976	5.9	19.9
6 10	17 39.76	−23 47.2	1.971	2.983	2.1	19.7
6 20	17 31.05	−24 0.7	1.976	2.989	1.9	19.7
6 30	17 22.81	−24 11.8	2.008	2.995	5.7	20.0
7 10	17 15.88	−24 21.1	2.066	3.002	9.1	20.2
7 20	17 10.89	−24 29.7	2.147	3.009	12.2	20.4
412088 2013 FY_{17}			6 15.2 209°29		4°4/14.7 17	
5 11	18 4.06	−15 6.3	1.471	2.328	16.6	21.6
5 21	17 58.79	−14 27.4	1.398	2.326	12.9	21.3
5 31	17 50.76	−13 53.2	1.345	2.323	8.7	21.1
6 10	17 40.81	−13 26.2	1.316	2.319	5.0	20.8
6 20	17 30.11	−13 8.3	1.311	2.315	5.2	20.8
6 30	17 20.02	−13 1.3	1.332	2.311	9.0	21.0
7 10	17 11.78	−13 5.7	1.377	2.307	13.2	21.3
7 20	17 6.19	−13 20.8	1.441	2.302	17.1	21.5

314096 2005 EP_{22} 6 15.2 49°.77 4°.5/15.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 5.67	−32 51.0	1.382	2.240	17.4	20.4
5 21	18 0.50	−33 15.9	1.318	2.245	13.6	20.1
5 31	17 52.01	−33 31.0	1.274	2.250	9.3	19.9
6 10	17 41.26	−33 31.7	1.253	2.256	5.4	19.7
6 20	17 29.74	−33 15.9	1.256	2.262	5.0	19.7
6 30	17 19.15	−32 45.2	1.284	2.268	8.6	19.9
7 10	17 10.94	−32 4.5	1.335	2.274	12.8	20.2
7 20	17 5.95	−31 19.8	1.405	2.280	16.6	20.4

523801 1993 TQ_2 6 15.2 164°.18 3°.2/15.5 18

5 11	18 14.82	−31 13.5	1.953	2.776	14.4	24.4
5 21	18 6.49	−31 42.4	1.878	2.787	11.2	24.2
5 31	17 55.38	−32 4.5	1.826	2.796	7.5	24.0
6 10	17 42.38	−32 15.5	1.801	2.804	4.0	23.8
6 20	17 28.72	−32 13.3	1.805	2.810	3.8	23.8
6 30	17 15.80	−31 58.3	1.837	2.815	7.1	24.0
7 10	17 4.83	−31 33.8	1.897	2.818	10.7	24.2
7 20	16 56.60	−31 4.6	1.980	2.819	13.9	24.4

98118 2000 SL_3 6 15.2 337°.71 4°.0/14.9 18

5 11	18 0.81	−26 46.8	1.091	1.975	19.1	18.4
5 21	17 57.75	−28 0.4	1.020	1.964	14.8	18.1
5 31	17 50.89	−29 16.3	0.967	1.953	9.8	17.8
6 10	17 41.07	−30 27.8	0.936	1.944	5.0	17.5
6 20	17 29.77	−31 27.6	0.926	1.935	5.1	17.5
6 30	17 19.02	−32 11.4	0.939	1.928	10.1	17.7
7 10	17 10.74	−32 39.4	0.972	1.922	15.3	18.0
7 20	17 6.22	−32 55.1	1.023	1.917	19.9	18.3

116374 2003 YA_{110} 6 15.2 209°.30 1°.0/15.5 18

5 11	18 3.09	−28 0.4	2.418	3.253	11.6	20.3
5 21	17 57.19	−27 43.7	2.329	3.248	8.8	20.1
5 31	17 49.35	−27 21.6	2.264	3.242	5.6	19.9
6 10	17 40.24	−26 53.5	2.226	3.235	2.3	19.6
6 20	17 30.67	−26 19.7	2.216	3.228	2.0	19.6
6 30	17 21.54	−25 41.7	2.236	3.221	5.4	19.8
7 10	17 13.70	−25 2.0	2.283	3.213	8.7	20.0
7 20	17 7.72	−24 23.4	2.354	3.205	11.6	20.2

1720 Niels 6 15.2 187°.85 0°.4/15.2 18

5 11	18 6.19	−22 32.3	1.561	2.417	15.9	16.4
5 21	18 0.40	−22 32.0	1.486	2.416	12.1	16.2
5 31	17 51.77	−22 31.3	1.433	2.416	7.6	15.9
6 10	17 41.17	−22 29.0	1.403	2.415	2.7	15.6
6 20	17 29.80	−22 24.6	1.400	2.413	2.5	15.6
6 30	17 19.07	−22 18.7	1.423	2.411	7.4	15.9
7 10	17 10.23	−22 13.2	1.471	2.408	12.0	16.2
7 20	17 4.13	−22 9.8	1.539	2.405	15.9	16.4

62683 2000 TG_{19} 6 15.2 340°.48 4°.8/14.8 17

5 11	18 0.79	−29 1.5	1.299	2.172	17.4	18.1
5 21	17 57.30	−30 20.7	1.224	2.160	13.6	17.8
5 31	17 50.39	−31 39.6	1.168	2.150	9.2	17.5
6 10	17 40.85	−32 51.6	1.136	2.140	5.5	17.3
6 20	17 29.99	−33 50.1	1.126	2.131	5.6	17.3
6 30	17 19.59	−34 31.3	1.140	2.123	9.5	17.4
7 10	17 11.36	−34 55.6	1.176	2.117	14.0	17.7
7 20	17 6.46	−35 6.8	1.231	2.111	18.1	17.9

291539 2006 EZ_{41} 6 15.2 76°.11 2°.2/14.9 17

5 11	18 2.83	−19 39.8	1.776	2.629	14.4	20.5
5 21	17 57.17	−19 2.4	1.721	2.649	10.8	20.3
5 31	17 49.34	−18 25.6	1.688	2.669	6.9	20.1
6 10	17 40.21	−17 50.8	1.680	2.689	3.1	19.9
6 20	17 30.77	−17 19.6	1.700	2.709	3.1	19.9
6 30	17 22.10	−16 53.9	1.746	2.729	6.8	20.2
7 10	17 15.08	−16 35.1	1.818	2.749	10.5	20.5
7 20	17 10.27	−16 23.8	1.911	2.769	13.6	20.7

118935 2000 WE_{42} 6 15.2 192°.01 1°.2/15.3 18

5 11	18 0.58	−25 44.0	2.403	3.245	11.5	19.8
5 21	17 55.37	−26 8.5	2.321	3.244	8.7	19.6
5 31	17 48.27	−26 31.6	2.263	3.243	5.5	19.4
6 10	17 39.89	−26 51.6	2.233	3.243	2.2	19.2
6 20	17 30.99	−27 7.1	2.230	3.242	2.1	19.1
6 30	17 22.44	−27 17.7	2.256	3.241	5.3	19.4
7 10	17 15.08	−27 24.4	2.308	3.239	8.5	19.6
7 20	17 9.51	−27 28.3	2.384	3.238	11.4	19.7

52665 Brianmay 6 15.2 35°.83 4°.0/15.9 18

5 11	18 2.39	−34 21.8	1.830	2.674	14.4	18.7
5 21	17 57.25	−34 31.7	1.765	2.682	11.3	18.5
5 31	17 49.60	−34 31.5	1.721	2.691	7.8	18.3
6 10	17 40.35	−34 18.7	1.701	2.701	4.8	18.1
6 20	17 30.62	−33 52.6	1.708	2.711	4.4	18.1
6 30	17 21.63	−33 14.8	1.740	2.721	7.1	18.3
7 10	17 14.46	−32 29.4	1.798	2.731	10.4	18.5
7 20	17 9.74	−31 40.9	1.877	2.742	13.5	18.7

395504 2011 US_{102} 6 15.2 253°.56 1°.1/15.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 0.67	−27 31.2	2.344	3.186	11.7	21.2
5 21	17 55.48	−27 22.5	2.255	3.177	8.9	21.0
5 31	17 48.35	−27 9.3	2.189	3.168	5.7	20.8
6 10	17 39.92	−26 50.8	2.149	3.159	2.3	20.5
6 20	17 30.97	−26 27.0	2.138	3.150	2.0	20.5
6 30	17 22.43	−25 59.0	2.154	3.141	5.5	20.7
7 10	17 15.13	−25 28.9	2.198	3.131	8.8	20.9
7 20	17 9.69	−24 59.3	2.265	3.121	11.8	21.1

470327 2007 RQ_7 6 15.2 282°.88 1°.5/15.0 18

5 11	18 1.26	−20 17.2	1.992	2.841	13.2	21.3
5 21	17 56.36	−20 0.6	1.887	2.814	10.1	21.1
5 31	17 49.17	−19 44.0	1.805	2.787	6.5	20.8
6 10	17 40.29	−19 27.8	1.749	2.759	2.6	20.5
6 20	17 30.57	−19 12.3	1.720	2.731	2.6	20.4
6 30	17 21.08	−18 58.8	1.718	2.703	6.7	20.6
7 10	17 12.86	−18 48.7	1.741	2.674	10.7	20.8
7 20	17 6.71	−18 43.2	1.787	2.645	14.4	21.0

431036 2006 AB_{86} 6 15.2 183°.71 0°.5/15.3 18

5 11	18 3.94	−24 12.5	2.498	3.332	11.3	22.2
5 21	17 57.77	−24 29.3	2.413	3.333	8.6	22.0
5 31	17 49.72	−24 45.0	2.353	3.333	5.4	21.8
6 10	17 40.39	−24 58.4	2.321	3.332	2.0	21.6
6 20	17 30.55	−25 8.3	2.318	3.330	1.8	21.6
6 30	17 21.07	−25 14.7	2.344	3.328	5.2	21.8
7 10	17 12.78	−25 18.3	2.397	3.325	8.4	22.0
7 20	17 6.27	−25 20.5	2.475	3.321	11.3	22.2

507501 2012 UG_{145} 6 15.2 315°.86 2°.3/15.3 17

5 11	18 2.35	−27 38.4	1.876	2.726	13.8	21.2
5 21	17 57.27	−28 13.2	1.798	2.724	10.6	21.0
5 31	17 49.72	−28 45.5	1.742	2.722	6.9	20.8
6 10	17 40.46	−29 12.3	1.712	2.720	3.2	20.6
6 20	17 30.47	−29 31.2	1.708	2.718	3.1	20.5
6 30	17 20.95	−29 41.7	1.731	2.716	6.7	20.8
7 10	17 12.99	−29 45.0	1.780	2.714	10.4	21.0
7 20	17 7.39	−29 43.6	1.850	2.713	13.8	21.2

1554 Yugoslavia 6 15.2 297°.48 6°.1/13.7 18 R

5 11	17 59.55	−12 1.6	1.684	2.536	15.1	15.2
5 21	17 55.24	−10 49.5	1.592	2.514	12.0	14.9
5 31	17 48.52	− 9 40.8	1.523	2.492	8.8	14.7
6 10	17 40.06	− 8 39.8	1.477	2.470	6.4	14.5
6 20	17 30.80	− 7 50.9	1.457	2.448	6.8	14.5
6 30	17 21.88	− 7 17.7	1.462	2.427	9.8	14.6
7 10	17 14.40	− 7 1.6	1.490	2.405	13.4	14.7
7 20	17 9.15	− 7 2.4	1.538	2.384	16.9	14.9

250635 2005 JE_{36} 6 15.2 153°.97 3°.1/15.1 17

5 11	18 3.82	−15 19.3	1.813	2.658	14.5	21.0
5 21	17 58.08	−15 6.6	1.742	2.664	11.1	20.8
5 31	17 50.06	−14 59.2	1.693	2.670	7.3	20.6
6 10	17 40.53	−14 57.7	1.670	2.675	3.9	20.4
6 20	17 30.45	−15 2.4	1.674	2.680	3.8	20.4
6 30	17 20.94	−15 13.5	1.705	2.684	7.3	20.6
7 10	17 12.97	−15 30.8	1.761	2.688	11.0	20.9
7 20	17 7.22	−15 53.8	1.839	2.692	14.3	21.1

216240 2006 VS_7 6 15.2 279°.87 2°.4/15.2 18

5 11	18 1.71	−28 9.2	2.154	2.997	12.5	20.4
5 21	17 56.62	−28 49.9	2.064	2.987	9.6	20.2
5 31	17 49.27	−29 28.5	1.998	2.976	6.3	20.0
6 10	17 40.30	−30 2.2	1.958	2.965	3.2	19.7
6 20	17 30.59	−30 28.5	1.946	2.954	3.1	19.7
6 30	17 21.18	−30 46.4	1.961	2.943	6.3	19.9
7 10	17 13.08	−30 56.6	2.002	2.932	9.7	20.1
7 20	17 7.07	−31 1.0	2.066	2.921	12.8	20.3

38461 Jiřítrnka 6 15.2 181°.41 0°.1/15.2 18

5 11	17 59.25	−23 23.8	2.477	3.320	11.1	19.8
5 21	17 54.23	−23 22.7	2.396	3.321	8.4	19.6
5 31	17 47.49	−23 20.5	2.339	3.321	5.2	19.4
6 10	17 39.60	−23 16.7	2.309	3.321	1.8	19.1
6 20	17 31.30	−23 11.1	2.307	3.321	1.7	19.1
6 30	17 23.37	−23 4.3	2.334	3.320	5.1	19.4
7 10	17 16.57	−22 57.3	2.387	3.320	8.2	19.6
7 20	17 11.43	−22 51.2	2.464	3.319	11.0	19.8

162872 2001 FP_3 6 15.2 60°.10 5°.5/14.7 18

5 11	17 59.49	−10 16.2	1.799	2.645	14.6	19.4
5 21	17 54.74	− 9 36.0	1.736	2.653	11.5	19.2
5 31	17 47.92	− 9 4.3	1.695	2.661	8.3	19.0
6 10	17 39.76	− 8 43.7	1.677	2.669	5.9	18.9
6 20	17 31.17	− 8 35.9	1.686	2.678	6.0	18.9
6 30	17 23.14	− 8 41.6	1.720	2.687	8.4	19.1
7 10	17 16.55	− 8 59.9	1.778	2.695	11.5	19.3
7 20	17 12.01	− 9 28.9	1.858	2.704	14.4	19.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
239057 2006 FO_4			6 15.2 101°.88	4°.0/14.8 17		
	h m	° ′			°	m
5 11	18 2.42	−12 32.0	2.106	2.941	13.1	21.2
5 21	17 56.52	−12 1.7	2.050	2.964	10.1	21.1
5 31	17 48.82	−11 37.3	2.018	2.987	7.0	20.9
6 10	17 40.03	−11 20.6	2.012	3.009	4.4	20.8
6 20	17 30.97	−11 12.4	2.033	3.031	4.5	20.8
6 30	17 22.52	−11 13.3	2.082	3.052	7.0	21.0
7 10	17 15.43	−11 22.8	2.157	3.072	9.8	21.2
7 20	17 10.20	−11 40.1	2.254	3.092	12.5	21.5
233784 2008 UR_1			6 15.3 196°.07	5°.9/14.4 18		
5 11	17 59.87	− 6 48.8	2.275	3.098	12.7	20.8
5 21	17 54.71	− 6 6.0	2.197	3.096	10.2	20.6
5 31	17 47.80	− 5 31.9	2.142	3.093	7.8	20.5
6 10	17 39.72	− 5 8.9	2.112	3.090	6.1	20.4
6 20	17 31.21	− 4 59.0	2.110	3.087	6.3	20.4
6 30	17 23.06	− 5 3.0	2.133	3.083	8.1	20.5
7 10	17 16.03	− 5 20.1	2.182	3.079	10.6	20.6
7 20	17 10.68	− 5 48.8	2.254	3.074	13.1	20.8
179430 2002 AY_{65}			6 15.3 214°.47	0°.9/15.1 18		
5 11	17 59.41	−20 23.2	2.676	3.515	10.5	21.4
5 21	17 54.25	−20 17.4	2.587	3.509	8.0	21.3
5 31	17 47.47	−20 12.2	2.522	3.502	5.0	21.1
6 10	17 39.61	−20 7.4	2.485	3.495	1.9	20.8
6 20	17 31.31	−20 3.2	2.476	3.488	1.9	20.8
6 30	17 23.31	−19 59.9	2.496	3.480	5.0	21.0
7 10	17 16.31	−19 58.2	2.543	3.472	8.0	21.2
7 20	17 10.83	−19 58.8	2.615	3.463	10.7	21.4
214858 2006 XR_{63}			6 15.3 239°.74	4°.0/14.6 18		
5 11	17 58.37	−11 40.2	2.471	3.305	11.5	20.9
5 21	17 53.54	−11 9.1	2.383	3.295	9.0	20.7
5 31	17 47.06	−10 43.2	2.318	3.285	6.4	20.5
6 10	17 39.47	−10 24.0	2.280	3.274	4.3	20.3
6 20	17 31.43	−10 12.9	2.270	3.264	4.4	20.3
6 30	17 23.68	−10 10.8	2.287	3.253	6.6	20.5
7 10	17 16.93	−10 17.6	2.330	3.242	9.4	20.6
7 20	17 11.73	−10 32.7	2.396	3.230	12.0	20.8
5178 Pattazhy			6 15.3 202°.66	2°.3/15.5 18		
5 11	18 7.52	−28 55.6	1.682	2.529	15.3	18.0
5 21	18 1.43	−29 6.1	1.602	2.526	11.8	17.8
5 31	17 52.45	−29 10.8	1.543	2.522	7.7	17.5
6 10	17 41.45	−29 6.9	1.509	2.518	3.5	17.2
6 20	17 29.64	−28 52.8	1.502	2.512	3.2	17.2
6 30	17 18.46	−28 29.6	1.521	2.507	7.3	17.4
7 10	17 9.20	−28 0.6	1.565	2.500	11.6	17.7
7 20	17 2.70	−27 30.0	1.631	2.494	15.3	17.9
414763 2010 KH_{121}			6 15.3 269°.39	5°.1/14.2 18		
5 11	18 11.24	−28 39.3	1.611	2.455	16.1	20.8
5 21	18 5.17	−30 32.0	1.514	2.434	12.6	20.5
5 31	17 55.50	−32 29.7	1.441	2.414	8.8	20.2
6 10	17 42.78	−34 23.9	1.393	2.393	5.5	20.0
6 20	17 28.19	−36 5.2	1.372	2.371	5.9	19.9
6 30	17 13.47	−37 26.5	1.379	2.349	9.7	20.1
7 10	17 0.49	−38 26.2	1.410	2.327	13.9	20.3
7 20	16 50.70	−39 7.4	1.463	2.305	17.8	20.5
397763 2008 GA_{18}			6 15.3 11°.15	1°.1/15.2 15		
5 11	17 58.30	−19 34.3	1.938	2.794	13.2	21.0
5 21	17 53.93	−19 42.4	1.866	2.796	10.0	20.8
5 31	17 47.49	−19 53.2	1.815	2.798	6.3	20.6
6 10	17 39.66	−20 6.0	1.790	2.801	2.4	20.4
6 20	17 31.30	−20 20.4	1.792	2.804	2.3	20.4
6 30	17 23.41	−20 36.0	1.821	2.808	6.1	20.6
7 10	17 16.87	−20 52.9	1.874	2.812	9.8	20.8
7 20	17 12.32	−21 11.3	1.950	2.817	13.0	21.1
19026 2000 SR_{145}			6 15.3 133°.32	0°.4/15.2 18		
5 11	17 59.66	−22 29.0	2.302	3.148	11.8	18.7
5 21	17 54.63	−22 22.5	2.225	3.150	8.9	18.5
5 31	17 47.77	−22 15.2	2.171	3.153	5.5	18.3
6 10	17 39.73	−22 7.0	2.144	3.156	2.0	18.1
6 20	17 31.25	−21 57.9	2.145	3.158	1.8	18.1
6 30	17 23.21	−21 48.6	2.174	3.160	5.4	18.3
7 10	17 16.38	−21 40.2	2.229	3.163	8.7	18.5
7 20	17 11.33	−21 33.8	2.308	3.165	11.6	18.7
148114 1999 SM_{12}			6 15.3 287°.30	8°.2/14.1 18		
5 11	17 57.55	+ 0 44.3	2.344	3.143	13.1	19.8
5 21	17 53.10	+ 1 26.1	2.249	3.120	11.2	19.6
5 31	17 46.90	+ 1 54.9	2.176	3.096	9.4	19.5
6 10	17 39.47	+ 2 7.3	2.126	3.071	8.3	19.4
6 20	17 31.45	+ 2 0.8	2.101	3.047	8.4	19.3
6 30	17 23.62	+ 1 34.7	2.102	3.023	9.8	19.4
7 10	17 16.76	+ 0 50.4	2.126	2.998	11.9	19.4
7 20	17 11.45	− 0 9.5	2.172	2.973	14.1	19.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
347503 1998 XT_{16}			6 15.3 272°.71	0°.4/15.3 18		
	h m	° ′			°	m
5 11	18 2.96	−22 55.5	2.204	3.046	12.4	21.4
5 21	17 57.58	−23 19.0	2.096	3.019	9.4	21.1
5 31	17 49.94	−23 43.6	2.011	2.991	6.0	20.9
6 10	17 40.60	−24 7.7	1.952	2.963	2.2	20.6
6 20	17 30.38	−24 29.7	1.922	2.934	2.0	20.5
6 30	17 20.28	−24 48.7	1.919	2.905	6.0	20.7
7 10	17 11.32	−25 4.8	1.944	2.875	9.9	20.9
7 20	17 4.33	−25 19.2	1.992	2.845	13.3	21.0
6965 Niyodogawa			6 15.3 25°.68	3°.1/15.2 18		
5 11	18 1.73	−15 38.6	1.597	2.454	15.5	17.3
5 21	17 56.88	−15 32.0	1.525	2.454	11.9	17.1
5 31	17 49.50	−15 31.6	1.475	2.455	7.9	16.9
6 10	17 40.41	−15 37.9	1.449	2.455	4.0	16.6
6 20	17 30.64	−15 50.9	1.448	2.456	3.9	16.6
6 30	17 21.43	−16 10.5	1.473	2.457	7.7	16.8
7 10	17 13.88	−16 36.1	1.522	2.457	11.8	17.1
7 20	17 8.75	−17 6.8	1.592	2.458	15.4	17.3
408157 2013 CW_{137}			6 15.3 35°.17	2°.7/15.5 17		
5 11	18 4.05	−28 6.9	1.114	1.992	19.3	20.9
5 21	17 59.69	−28 27.6	1.058	1.999	14.7	20.7
5 31	17 51.70	−28 42.5	1.021	2.007	9.5	20.4
6 10	17 41.24	−28 48.0	1.005	2.015	4.3	20.1
6 20	17 29.95	−28 41.9	1.012	2.024	3.9	20.1
6 30	17 19.72	−28 25.5	1.042	2.033	8.9	20.4
7 10	17 12.12	−28 3.0	1.093	2.043	13.9	20.7
7 20	17 8.03	−27 39.1	1.163	2.054	18.2	21.0
348209 2004 RY_{64}			6 15.3 283°.55	7°.1/13.8 18		
5 11	17 57.38	− 2 30.5	2.460	3.270	12.2	21.3
5 21	17 52.91	− 1 43.1	2.362	3.244	10.3	21.1
5 31	17 46.75	− 1 5.5	2.285	3.218	8.4	20.9
6 10	17 39.42	− 0 40.9	2.234	3.192	7.2	20.8
6 20	17 31.53	− 0 31.8	2.209	3.166	7.4	20.8
6 30	17 23.81	− 0 39.4	2.209	3.140	8.9	20.8
7 10	17 17.00	− 1 3.0	2.234	3.113	11.1	20.9
7 20	17 11.69	− 1 41.0	2.281	3.086	13.4	21.0
178512 1999 TU_{170}			6 15.3 216°.10	3°.8/14.7 18		
5 11	18 3.36	−14 54.9	1.898	2.741	14.0	20.9
5 21	17 57.78	−14 18.6	1.814	2.734	10.9	20.7
5 31	17 49.95	−13 45.9	1.752	2.727	7.4	20.4
6 10	17 40.56	−13 18.6	1.716	2.718	4.3	20.2
6 20	17 30.54	−12 58.4	1.707	2.709	4.5	20.2
6 30	17 20.96	−12 46.8	1.725	2.700	7.7	20.4
7 10	17 12.79	−12 44.6	1.768	2.690	11.3	20.6
7 20	17 6.75	−12 51.7	1.833	2.679	14.6	20.8
166426 2002 PZ_9			6 15.3 263°.73	3°.7/14.8 18		
5 11	17 59.63	−14 12.8	1.987	2.834	13.3	20.6
5 21	17 54.87	−13 46.0	1.905	2.827	10.3	20.4
5 31	17 48.08	−13 23.9	1.846	2.820	7.0	20.2
6 10	17 39.89	−13 8.1	1.812	2.813	4.2	20.0
6 20	17 31.15	−12 59.9	1.804	2.806	4.3	20.0
6 30	17 22.80	−13 0.1	1.823	2.799	7.2	20.2
7 10	17 15.73	−13 8.8	1.868	2.792	10.6	20.4
7 20	17 10.60	−13 25.5	1.934	2.785	13.7	20.5
398625 2011 YZ_{70}			6 15.3 222°.35	2°.5/15.3 18		
5 11	17 59.32	−13 48.6	2.542	3.376	11.2	20.8
5 21	17 54.26	−14 3.5	2.456	3.372	8.6	20.6
5 31	17 47.54	−14 24.4	2.395	3.368	5.7	20.4
6 10	17 39.69	−14 51.0	2.360	3.364	3.1	20.2
6 20	17 31.37	−15 22.8	2.354	3.360	2.9	20.2
6 30	17 23.32	−15 59.0	2.377	3.356	5.6	20.4
7 10	17 16.27	−16 38.6	2.426	3.351	8.5	20.5
7 20	17 10.75	−17 20.6	2.501	3.347	11.2	20.7
398623 2011 YC_{49}			6 15.3 226°.50	2°.5/15.3 18		
5 11	17 58.91	−14 7.5	2.521	3.357	11.2	20.9
5 21	17 53.96	−14 18.8	2.436	3.353	8.6	20.8
5 31	17 47.35	−14 35.7	2.376	3.350	5.7	20.6
6 10	17 39.62	−14 58.1	2.342	3.346	3.1	20.4
6 20	17 31.43	−15 25.7	2.337	3.343	2.9	20.4
6 30	17 23.53	−15 57.6	2.360	3.339	5.6	20.5
7 10	17 16.62	−16 33.2	2.410	3.335	8.5	20.7
7 20	17 11.26	−17 11.5	2.484	3.331	11.2	20.9
187188 2005 SR_{66}			6 15.3 167°.46	3°.5/14.7 17		
5 11	17 58.24	−13 9.9	2.539	3.374	11.1	20.8
5 21	17 53.35	−12 39.3	2.461	3.376	8.6	20.6
5 31	17 46.90	−12 13.0	2.408	3.378	6.0	20.4
6 10	17 39.46	−11 52.3	2.381	3.379	3.8	20.3
6 20	17 31.66	−11 38.4	2.383	3.381	3.9	20.3
6 30	17 24.21	−11 32.1	2.412	3.382	6.1	20.4
7 10	17 17.79	−11 33.6	2.467	3.383	8.8	20.6
7 20	17 12.87	−11 42.4	2.546	3.383	11.3	20.8

148360 2000 SJ_{27} 6 15.3 191°.79 2°.2/15.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 1.59	−31 5.4	2.834	3.662	10.3	20.9
5 21	17 55.91	−31 15.8	2.748	3.660	7.9	20.8
5 31	17 48.54	−31 21.0	2.686	3.658	5.3	20.6
6 10	17 40.05	−31 19.5	2.652	3.655	2.8	20.4
6 20	17 31.13	−31 10.7	2.646	3.653	2.6	20.4
6 30	17 22.57	−30 54.9	2.669	3.649	5.0	20.6
7 10	17 15.11	−30 33.8	2.720	3.645	7.7	20.7
7 20	17 9.28	−30 9.8	2.795	3.641	10.1	20.9

140794 2001 UQ_{145} 6 15.3 94°.45 1°.8/15.3 17

5 11	18 1.97	−26 52.3	2.188	3.031	12.4	20.0
5 21	17 56.59	−27 26.3	2.116	3.039	9.4	19.9
5 31	17 49.14	−27 58.1	2.067	3.046	6.0	19.7
6 10	17 40.29	−28 25.4	2.045	3.054	2.7	19.5
6 20	17 30.92	−28 46.4	2.051	3.061	2.5	19.5
6 30	17 22.00	−29 0.6	2.084	3.068	5.8	19.7
7 10	17 14.44	−29 8.9	2.144	3.075	9.1	19.9
7 20	17 8.88	−29 13.0	2.227	3.083	12.0	20.1

464760 2003 SG_{394} 6 15.3 354°.53 3°.7/14.8 17

5 11	17 54.05	−24 25.0	0.868	1.776	20.6	19.5
5 21	17 53.07	−25 51.0	0.808	1.766	15.8	19.1
5 31	17 48.17	−27 23.6	0.765	1.758	10.3	18.8
6 10	17 40.24	−28 55.7	0.741	1.752	4.9	18.5
6 20	17 30.86	−30 18.3	0.737	1.749	5.1	18.5
6 30	17 22.18	−31 25.0	0.753	1.748	10.6	18.8
7 10	17 16.22	−32 14.2	0.788	1.749	16.2	19.1
7 20	17 14.25	−32 47.8	0.838	1.753	21.1	19.4

505391 2013 PE_{38} 6 15.3 357°.78 0°.8/15.3 17

5 11	18 1.17	−25 7.8	1.280	2.155	17.5	21.3
5 21	17 57.20	−25 11.7	1.212	2.153	13.3	21.1
5 31	17 50.06	−25 12.9	1.164	2.151	8.4	20.8
6 10	17 40.73	−25 9.6	1.138	2.150	3.1	20.5
6 20	17 30.54	−25 1.1	1.136	2.150	2.7	20.4
6 30	17 21.09	−24 48.5	1.158	2.150	8.1	20.7
7 10	17 13.81	−24 34.2	1.202	2.151	13.0	21.0
7 20	17 9.57	−24 21.3	1.266	2.153	17.3	21.3

243818 2000 SU_{315} 6 15.3 315°.02 3°.7/15.9 17

5 11	18 2.20	−32 24.1	1.192	2.065	18.6	20.1
5 21	17 58.69	−32 12.4	1.106	2.042	14.7	19.8
5 31	17 51.44	−31 46.7	1.038	2.020	10.0	19.5
6 10	17 41.34	−31 3.3	0.992	1.999	5.1	19.1
6 20	17 29.93	−30 1.2	0.968	1.978	4.4	19.0
6 30	17 19.15	−28 44.1	0.967	1.958	9.4	19.2
7 10	17 10.84	−27 19.9	0.987	1.939	14.8	19.4
7 20	17 6.13	−25 57.3	1.026	1.921	19.7	19.7

504973 2011 GA_{46} 6 15.3 271°.92 8°.0/14.8 17

5 11	18 8.29	−39 56.6	1.798	2.622	15.5	20.6
5 21	18 2.69	−41 21.2	1.713	2.609	12.8	20.4
5 31	17 53.71	−42 36.7	1.650	2.596	10.1	20.2
6 10	17 42.12	−43 35.3	1.611	2.583	8.3	20.1
6 20	17 29.19	−44 10.9	1.596	2.569	8.3	20.0
6 30	17 16.61	−44 21.0	1.607	2.556	10.3	20.1
7 10	17 6.03	−44 8.4	1.640	2.542	13.2	20.3
7 20	16 58.61	−43 39.2	1.694	2.529	16.1	20.4

352090 2006 XU_{23} 6 15.3 285°.15 2°.1/15.3 18

5 11	17 59.74	−15 57.5	2.136	2.981	12.6	21.0
5 21	17 54.98	−16 10.0	2.046	2.969	9.7	20.8
5 31	17 48.21	−16 28.0	1.978	2.956	6.3	20.5
6 10	17 40.02	−16 51.3	1.937	2.944	3.0	20.3
6 20	17 31.17	−17 19.3	1.922	2.932	2.9	20.3
6 30	17 22.60	−17 51.2	1.936	2.919	6.2	20.4
7 10	17 15.19	−18 26.1	1.975	2.907	9.7	20.6
7 20	17 9.63	−19 3.4	2.038	2.895	12.9	20.8

512500 2016 RE_{6} 6 15.3 257°.89 7°.9/16.9 18

5 11	18 8.62	−48 22.2	2.433	3.209	13.3	21.0
5 21	18 2.05	−48 52.9	2.346	3.199	11.4	20.9
5 31	17 52.75	−49 7.9	2.281	3.189	9.6	20.7
6 10	17 41.61	−49 2.5	2.239	3.179	8.2	20.6
6 20	17 29.80	−48 34.0	2.222	3.169	8.0	20.6
6 30	17 18.68	−47 43.2	2.231	3.159	9.0	20.6
7 10	17 9.44	−46 34.2	2.265	3.149	10.8	20.7
7 20	17 2.84	−45 13.2	2.322	3.138	12.9	20.9

305432 2008 CK_{163} 6 15.3 274°.18 1°.4/15.1 18

5 11	17 59.46	−19 49.9	2.148	2.997	12.4	21.3
5 21	17 54.64	−19 37.7	2.068	2.995	9.4	21.1
5 31	17 47.90	−19 26.5	2.012	2.993	6.0	20.9
6 10	17 39.87	−19 16.6	1.981	2.991	2.4	20.6
6 20	17 31.35	−19 8.3	1.978	2.990	2.4	20.6
6 30	17 23.25	−19 2.2	2.003	2.988	5.9	20.9
7 10	17 16.39	−18 59.3	2.053	2.986	9.4	21.1
7 20	17 11.39	−19 0.2	2.126	2.984	12.4	21.3

22033 1999 XH_{154} 6 15.3 108°.17 2°.3/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 1.78	−18 30.7	2.041	2.887	13.0	18.7
5 21	17 56.28	−17 56.1	1.975	2.900	9.9	18.5
5 31	17 48.83	−17 22.6	1.932	2.912	6.4	18.3
6 10	17 40.16	−16 51.6	1.916	2.923	3.0	18.1
6 20	17 31.14	−16 24.3	1.927	2.935	3.1	18.2
6 30	17 22.69	−16 2.4	1.965	2.946	6.4	18.4
7 10	17 15.65	−15 46.9	2.030	2.957	9.7	18.6
7 20	17 10.56	−15 38.4	2.117	2.968	12.7	18.8

520219 2014 DE_{152} 6 15.3 197°.82 0°.8/15.3 17

5 11	18 1.16	−25 9.1	2.189	3.035	12.3	21.4
5 21	17 55.98	−25 19.8	2.109	3.034	9.3	21.2
5 31	17 48.77	−25 28.6	2.052	3.033	5.9	21.0
6 10	17 40.19	−25 34.4	2.021	3.032	2.2	20.8
6 20	17 31.07	−25 36.2	2.018	3.031	2.0	20.8
6 30	17 22.37	−25 34.3	2.043	3.029	5.6	21.0
7 10	17 14.98	−25 30.0	2.094	3.028	9.1	21.2
7 20	17 9.54	−25 24.8	2.168	3.026	12.2	21.4

249232 2008 GM_{93} 6 15.3 264°.02 3°.2/14.9 18

5 11	18 3.48	−30 37.7	2.566	3.396	11.2	20.2
5 21	17 57.81	−31 38.9	2.469	3.380	8.7	20.0
5 31	17 50.03	−32 37.9	2.395	3.365	6.0	19.8
6 10	17 40.69	−33 31.3	2.350	3.349	3.6	19.6
6 20	17 30.55	−34 15.8	2.333	3.333	3.7	19.6
6 30	17 20.55	−34 49.8	2.345	3.317	6.1	19.7
7 10	17 11.64	−35 13.4	2.383	3.301	9.0	19.9
7 20	17 4.56	−35 28.4	2.446	3.284	11.6	20.0

6660 Matsumoto 6 15.3 206°.13 0°.1/15.3 18

5 11	18 5.10	−23 36.8	1.979	2.823	13.5	18.9
5 21	17 59.15	−23 32.7	1.893	2.818	10.2	18.7
5 31	17 50.86	−23 26.9	1.831	2.812	6.5	18.5
6 10	17 40.95	−23 18.5	1.794	2.805	2.3	18.2
6 20	17 30.39	−23 7.3	1.785	2.798	2.1	18.1
6 30	17 20.29	−22 53.9	1.804	2.791	6.3	18.4
7 10	17 11.68	−22 40.2	1.850	2.782	10.2	18.6
7 20	17 5.29	−22 28.2	1.918	2.773	13.6	18.8

471701 2012 TK_{256} 6 15.3 247°.10 1°.8/15.0 18

5 11	18 1.29	−18 49.9	2.232	3.074	12.2	22.2
5 21	17 56.06	−18 33.8	2.136	3.059	9.3	22.0
5 31	17 48.85	−18 18.8	2.065	3.044	6.0	21.8
6 10	17 40.24	−18 5.5	2.019	3.028	2.7	21.5
6 20	17 31.02	−17 54.2	2.002	3.012	2.7	21.5
6 30	17 22.10	−17 46.0	2.012	2.995	6.1	21.7
7 10	17 14.35	−17 41.7	2.049	2.978	9.6	21.9
7 20	17 8.43	−17 42.0	2.109	2.960	12.8	22.0

179415 2002 AC_{12} 6 15.3 145°.17 0°.2/15.3 18

5 11	18 0.15	−22 31.1	2.594	3.434	10.8	21.6
5 21	17 54.84	−22 36.9	2.518	3.440	8.1	21.5
5 31	17 47.87	−22 42.5	2.466	3.447	5.1	21.3
6 10	17 39.84	−22 47.1	2.442	3.453	1.8	21.1
6 20	17 31.42	−22 50.4	2.446	3.459	1.6	21.0
6 30	17 23.39	−22 52.6	2.479	3.465	4.9	21.3
7 10	17 16.44	−22 54.2	2.539	3.470	7.9	21.5
7 20	17 11.10	−22 56.3	2.623	3.475	10.5	21.7

79583 1998 QW_{108} 6 15.3 317°.39 0°.1/15.3 18

5 11	17 59.82	−23 56.7	1.289	2.166	17.2	19.4
5 21	17 56.42	−23 52.9	1.204	2.146	13.2	19.1
5 31	17 49.80	−23 47.1	1.138	2.126	8.4	18.8
6 10	17 40.74	−23 38.3	1.094	2.106	3.0	18.4
6 20	17 30.51	−23 26.0	1.074	2.087	2.7	18.3
6 30	17 20.71	−23 11.2	1.077	2.069	8.5	18.6
7 10	17 12.92	−22 56.5	1.101	2.052	13.8	18.9
7 20	17 8.20	−22 44.7	1.145	2.035	18.5	19.1

181768 1997 CQ_{15} 6 15.3 131°.66 0°.5/15.2 17

5 11	18 0.15	−21 57.1	2.589	3.429	10.8	21.7
5 21	17 54.79	−21 54.7	2.516	3.439	8.1	21.6
5 31	17 47.81	−21 52.1	2.468	3.449	5.1	21.4
6 10	17 39.81	−21 48.9	2.447	3.458	1.8	21.2
6 20	17 31.46	−21 45.0	2.455	3.467	1.7	21.2
6 30	17 23.53	−21 40.9	2.491	3.476	4.9	21.4
7 10	17 16.70	−21 37.4	2.554	3.485	7.9	21.6
7 20	17 11.46	−21 35.4	2.642	3.493	10.5	21.8

229543 2005 YJ_{115} 6 15.3 118°.73 0°.3/15.3 17

5 11	18 3.61	−21 44.9	1.978	2.824	13.4	21.0
5 21	17 57.85	−21 57.4	1.910	2.836	10.1	20.8
5 31	17 49.92	−22 10.5	1.866	2.848	6.3	20.6
6 10	17 40.59	−22 23.1	1.848	2.859	2.2	20.4
6 20	17 30.77	−22 34.3	1.858	2.871	2.0	20.4
6 30	17 21.52	−22 44.0	1.895	2.881	6.0	20.7
7 10	17 13.76	−22 52.9	1.958	2.892	9.7	20.9
7 20	17 8.13	−23 1.8	2.044	2.902	12.8	21.1

482432 2012 CN_{41} 6 15.3 236°.46 2°.6/15.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	17 58.15	−14 3.1	2.897	3.728	10.0	22.4
5 21	17 53.24	−13 53.7	2.801	3.715	7.7	22.2
5 31	17 46.87	−13 48.3	2.730	3.702	5.2	22.1
6 10	17 39.50	−13 47.3	2.686	3.688	3.0	21.9
6 20	17 31.71	−13 51.3	2.671	3.674	3.0	21.9
6 30	17 24.13	−14 0.4	2.685	3.659	5.3	22.0
7 10	17 17.39	−14 14.6	2.726	3.644	7.9	22.1
7 20	17 11.98	−14 33.5	2.791	3.629	10.4	22.3

243684 1999 XZ_{134} 6 15.3 207°.63 1°.7/15.5 18

5 11	18 5.01	−15 3.3	2.202	3.033	12.7	20.3
5 21	17 58.89	−15 50.0	2.113	3.030	9.8	20.1
5 31	17 50.65	−16 44.6	2.049	3.026	6.3	19.8
6 10	17 40.90	−17 45.5	2.013	3.021	2.8	19.6
6 20	17 30.44	−18 50.0	2.006	3.016	2.5	19.6
6 30	17 20.24	−19 55.8	2.028	3.011	6.0	19.8
7 10	17 11.25	−21 0.8	2.078	3.006	9.5	20.0
7 20	17 4.18	−22 3.7	2.153	3.000	12.7	20.2

378333 2007 HW_6 6 15.3 237°.99 4°.4/14.7 18

5 11	18 1.11	−13 27.8	1.869	2.714	14.1	21.0
5 21	17 56.12	−12 50.2	1.787	2.708	11.0	20.8
5 31	17 48.95	−12 17.5	1.729	2.701	7.6	20.6
6 10	17 40.29	−11 52.0	1.695	2.694	4.8	20.4
6 20	17 31.02	−11 35.5	1.687	2.687	4.9	20.4
6 30	17 22.18	−11 29.3	1.706	2.680	7.9	20.6
7 10	17 14.73	−11 33.8	1.750	2.672	11.4	20.8
7 20	17 9.35	−11 48.2	1.815	2.664	14.6	20.9

470785 2008 UX_{299} 6 15.3 239°.99 1°.2/15.4 17

5 11	18 2.71	−26 50.7	2.022	2.868	13.1	22.0
5 21	17 57.38	−26 52.7	1.935	2.860	10.0	21.8
5 31	17 49.77	−26 50.8	1.872	2.852	6.4	21.5
6 10	17 40.59	−26 43.7	1.834	2.844	2.6	21.3
6 20	17 30.76	−26 30.9	1.824	2.836	2.3	21.2
6 30	17 21.38	−26 13.0	1.841	2.828	6.1	21.5
7 10	17 13.44	−25 52.3	1.884	2.819	9.9	21.7
7 20	17 7.68	−25 31.2	1.949	2.810	13.3	21.9

471291 2011 GV_{60} 6 15.3 21°.18 10°.6/14.9 17

5 11	17 57.15	− 1 51.0	1.332	2.178	18.6	20.6
5 21	17 53.57	− 0 45.7	1.282	2.186	15.6	20.4
5 31	17 47.47	+ 0 0.1	1.251	2.195	12.8	20.2
6 10	17 39.76	+ 0 20.6	1.240	2.206	10.9	20.2
6 20	17 31.54	+ 0 13.0	1.251	2.217	10.9	20.2
6 30	17 24.03	− 0 22.2	1.283	2.229	12.7	20.3
7 10	17 18.28	− 1 20.9	1.337	2.242	15.4	20.5
7 20	17 14.97	− 2 37.0	1.408	2.256	18.1	20.7

122967 2000 SS_{219} 6 15.3 241°.56 3°.5/15.0 18

5 11	18 1.66	−13 39.3	2.113	2.951	12.9	20.5
5 21	17 56.42	−13 26.2	2.020	2.938	10.1	20.3
5 31	17 49.12	−13 18.7	1.951	2.924	6.9	20.1
6 10	17 40.36	−13 17.7	1.907	2.909	4.0	19.9
6 20	17 30.96	−13 23.9	1.891	2.894	4.0	19.9
6 30	17 21.84	−13 37.6	1.903	2.879	7.0	20.0
7 10	17 13.91	−13 58.4	1.940	2.863	10.4	20.2
7 20	17 7.87	−14 25.7	2.000	2.846	13.5	20.4

309143 2006 XP_{66} 6 15.3 74°.66 2°.9/15.9 18

5 11	18 2.13	−33 9.4	2.288	3.122	12.2	20.0
5 21	17 56.59	−33 6.5	2.217	3.131	9.5	19.8
5 31	17 49.06	−32 55.5	2.169	3.140	6.4	19.7
6 10	17 40.27	−32 34.9	2.147	3.149	3.6	19.5
6 20	17 31.12	−32 4.6	2.153	3.159	3.2	19.5
6 30	17 22.56	−31 26.0	2.187	3.168	5.8	19.7
7 10	17 15.45	−30 42.3	2.247	3.177	8.8	19.9
7 20	17 10.34	−29 56.9	2.330	3.186	11.5	20.1

210860 2001 RV_{41} 6 15.3 265°.97 1°.2/15.2 18

5 11	17 59.98	−20 3.0	2.128	2.976	12.5	21.0
5 21	17 55.14	−19 55.7	2.041	2.967	9.5	20.7
5 31	17 48.30	−19 49.4	1.977	2.958	6.0	20.5
6 10	17 40.07	−19 44.3	1.939	2.949	2.4	20.3
6 20	17 31.26	−19 40.3	1.928	2.940	2.3	20.2
6 30	17 22.81	−19 38.1	1.945	2.931	6.0	20.5
7 10	17 15.60	−19 38.4	1.988	2.921	9.6	20.6
7 20	17 10.28	−19 41.9	2.053	2.912	12.8	20.8

250921 2005 WH_{34} 6 15.3 296°.58 0°.1/15.3 18

5 11	17 59.72	−25 14.5	2.188	3.036	12.2	20.2
5 21	17 54.94	−24 52.5	2.097	3.024	9.3	20.0
5 31	17 48.15	−24 26.8	2.029	3.011	5.8	19.8
6 10	17 40.01	−23 57.0	1.987	2.999	2.1	19.5
6 20	17 31.32	−23 24.1	1.973	2.986	1.8	19.5
6 30	17 23.03	−22 49.4	1.987	2.974	5.7	19.7
7 10	17 16.00	−22 15.5	2.026	2.962	9.3	19.9
7 20	17 10.88	−21 44.6	2.089	2.950	12.5	20.1

512090 2015 OS_7 6 15.3 244°.50 5°.0/14.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	17 57.57	− 7 56.1	2.494	3.320	11.6	21.7
5 21	17 52.95	− 7 27.7	2.410	3.313	9.3	21.5
5 31	17 46.75	− 7 6.9	2.350	3.306	7.0	21.4
6 10	17 39.48	− 6 55.8	2.315	3.298	5.2	21.2
6 20	17 31.79	− 6 55.5	2.307	3.291	5.3	21.2
6 30	17 24.39	− 7 6.5	2.326	3.283	7.1	21.3
7 10	17 17.96	− 7 28.1	2.371	3.275	9.6	21.5
7 20	17 13.01	− 7 59.0	2.439	3.267	12.0	21.6

423999 2006 VR_{123} 6 15.3 135°.49 2°.5/15.4 17

5 11	18 5.54	−28 15.7	1.699	2.549	15.1	21.3
5 21	17 59.89	−28 48.1	1.628	2.554	11.5	21.1
5 31	17 51.50	−29 16.8	1.579	2.558	7.5	20.9
6 10	17 41.23	−29 38.2	1.555	2.563	3.6	20.6
6 20	17 30.24	−29 50.1	1.557	2.567	3.3	20.6
6 30	17 19.87	−29 52.2	1.586	2.570	7.2	20.9
7 10	17 11.35	−29 46.7	1.639	2.574	11.1	21.1
7 20	17 5.46	−29 36.7	1.714	2.578	14.6	21.3

504308 2007 HV_{51} 6 15.3 49°.35 3°.6/15.2 17

5 11	18 4.71	−28 51.5	1.573	2.428	15.8	21.4
5 21	17 59.49	−29 51.7	1.510	2.437	12.1	21.2
5 31	17 51.35	−30 48.7	1.468	2.447	8.1	20.9
6 10	17 41.20	−31 37.6	1.451	2.456	4.4	20.7
6 20	17 30.27	−32 14.3	1.460	2.466	4.3	20.8
6 30	17 20.02	−32 37.5	1.494	2.477	7.8	21.0
7 10	17 11.73	−32 48.7	1.553	2.487	11.7	21.2
7 20	17 6.26	−32 51.5	1.632	2.498	15.1	21.5

200634 2001 SJ_{195} 6 15.3 167°.90 4°.2/15.5 17

5 11	18 7.27	−31 4.6	1.384	2.241	17.4	20.3
5 21	18 1.89	−31 41.8	1.314	2.242	13.6	20.0
5 31	17 53.10	−32 12.3	1.265	2.242	9.2	19.8
6 10	17 41.87	−32 30.8	1.239	2.243	5.1	19.5
6 20	17 29.68	−32 33.9	1.237	2.243	4.8	19.5
6 30	17 18.27	−32 21.8	1.260	2.244	8.7	19.8
7 10	17 9.20	−31 58.5	1.305	2.244	13.1	20.0
7 20	17 3.43	−31 29.2	1.371	2.244	17.1	20.2

192659 1999 RJ_{134} 6 15.3 244°.22 3°.6/14.7 18

5 11	18 1.23	−13 52.5	2.259	3.095	12.3	20.8
5 21	17 55.97	−13 22.6	2.163	3.078	9.6	20.5
5 31	17 48.78	−12 56.6	2.090	3.061	6.6	20.3
6 10	17 40.25	−12 35.9	2.044	3.044	4.0	20.1
6 20	17 31.11	−12 22.0	2.026	3.026	4.1	20.1
6 30	17 22.24	−12 15.9	2.035	3.007	6.9	20.2
7 10	17 14.49	−12 18.1	2.070	2.988	10.1	20.4
7 20	17 8.50	−12 28.4	2.129	2.969	13.1	20.6

219673 2001 VH_{88} 6 15.3 189°.84 3°.3/14.6 18

5 11	18 2.52	−14 50.2	2.416	3.247	11.7	20.9
5 21	17 56.66	−14 10.5	2.332	3.246	9.1	20.7
5 31	17 49.05	−13 33.4	2.273	3.244	6.2	20.5
6 10	17 40.29	−13 0.6	2.241	3.242	3.7	20.4
6 20	17 31.11	−12 33.5	2.238	3.238	3.8	20.4
6 30	17 22.32	−12 13.6	2.263	3.234	6.4	20.5
7 10	17 14.67	−12 1.6	2.315	3.229	9.3	20.7
7 20	17 8.71	−11 57.8	2.391	3.223	12.0	20.9

31606 1999 GX_4 6 15.3 115°.45 1°.4/15.2 17

5 11	18 3.91	−19 45.2	1.900	2.747	13.8	19.8
5 21	17 58.07	−19 38.5	1.836	2.762	10.4	19.6
5 31	17 50.05	−19 33.2	1.795	2.776	6.6	19.4
6 10	17 40.65	−19 29.4	1.780	2.790	2.6	19.2
6 20	17 30.83	−19 26.9	1.792	2.803	2.5	19.2
6 30	17 21.63	−19 26.3	1.831	2.816	6.3	19.4
7 10	17 13.98	−19 28.3	1.896	2.829	10.0	19.7
7 20	17 8.49	−19 33.6	1.984	2.841	13.2	19.9

11555 1993 CR_1 6 15.3 76°.49 7°.6/15.3 18

5 11	18 0.56	− 3 58.7	1.775	2.603	15.5	17.6
5 21	17 55.59	− 3 26.8	1.716	2.614	12.7	17.4
5 31	17 48.53	− 3 9.4	1.677	2.624	9.9	17.3
6 10	17 40.13	− 3 9.4	1.662	2.635	7.9	17.2
6 20	17 31.29	− 3 27.9	1.671	2.646	7.8	17.2
6 30	17 23.01	− 4 4.4	1.706	2.657	9.7	17.3
7 10	17 16.19	− 4 55.9	1.764	2.668	12.3	17.5
7 20	17 11.43	− 5 59.0	1.844	2.679	15.0	17.7

474871 2005 SH_{143} 6 15.3 275°.27 5°.0/15.4 18

5 11	18 3.26	−36 27.3	2.265	3.091	12.6	21.2
5 21	17 57.91	−37 15.0	2.180	3.084	10.1	21.0
5 31	17 50.19	−37 55.0	2.118	3.077	7.4	20.8
6 10	17 40.79	−38 23.5	2.082	3.069	5.4	20.7
6 20	17 30.65	−38 37.5	2.073	3.062	5.3	20.6
6 30	17 20.89	−38 36.6	2.090	3.055	7.3	20.8
7 10	17 12.57	−38 22.7	2.132	3.047	10.0	20.9
7 20	17 6.47	−37 59.5	2.197	3.040	12.6	21.1

182697 2001 VM_{96} 6 15.3 213°.17 4°.3/14.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	17 58.54	− 8 52.8	2.753	3.574	10.8	21.6
5 21	17 53.54	− 8 28.0	2.665	3.567	8.6	21.5
5 31	17 47.06	− 8 9.6	2.602	3.560	6.3	21.3
6 10	17 39.60	− 7 59.3	2.566	3.552	4.6	21.2
6 20	17 31.74	− 7 58.0	2.557	3.544	4.7	21.2
6 30	17 24.14	− 8 6.1	2.577	3.535	6.5	21.3
7 10	17 17.44	− 8 23.4	2.622	3.526	8.8	21.4
7 20	17 12.11	− 8 48.7	2.692	3.516	11.1	21.6

284972 2010 GM_{7} 6 15.3 5°.75 0°.3/15.3 17

5 11	18 0.95	−24 31.5	1.812	2.668	14.0	20.8
5 21	17 56.17	−24 29.0	1.737	2.668	10.6	20.6
5 31	17 49.05	−24 24.2	1.685	2.668	6.7	20.4
6 10	17 40.36	−24 16.4	1.657	2.668	2.4	20.1
6 20	17 31.08	−24 5.4	1.656	2.669	2.1	20.1
6 30	17 22.36	−23 52.0	1.681	2.670	6.4	20.4
7 10	17 15.19	−23 38.2	1.731	2.671	10.4	20.6
7 20	17 10.28	−23 25.7	1.804	2.672	13.8	20.8

494166 2016 GF_{113} 6 15.3 166°.19 0°.4/15.3 17

5 11	18 6.59	−22 8.8	1.848	2.693	14.3	22.3
5 21	18 0.32	−22 12.9	1.774	2.698	10.8	22.1
5 31	17 51.61	−22 17.0	1.722	2.703	6.8	21.8
6 10	17 41.26	−22 19.9	1.696	2.707	2.4	21.6
6 20	17 30.30	−22 21.0	1.697	2.710	2.2	21.6
6 30	17 19.91	−22 20.6	1.727	2.713	6.5	21.8
7 10	17 11.17	−22 20.0	1.782	2.715	10.5	22.1
7 20	17 4.79	−22 20.6	1.859	2.716	14.0	22.3

69172 4283 P–L 6 15.3 260°.31 6°.3/13.8 18

5 11	17 57.46	− 4 54.9	2.507	3.324	11.8	20.5
5 21	17 52.89	− 3 59.8	2.420	3.311	9.7	20.4
5 31	17 46.74	− 3 12.8	2.356	3.298	7.7	20.2
6 10	17 39.52	− 2 37.0	2.318	3.284	6.5	20.1
6 20	17 31.85	− 2 14.6	2.306	3.271	6.7	20.1
6 30	17 24.44	− 2 7.0	2.321	3.257	8.2	20.2
7 10	17 17.98	− 2 14.0	2.360	3.244	10.4	20.3
7 20	17 12.99	− 2 34.2	2.421	3.230	12.6	20.4

14330 1981 EG_{21} 6 15.3 213°.56 2°.3/15.0 18

5 11	17 57.24	−15 43.5	2.794	3.631	10.2	19.4
5 21	17 52.58	−15 30.8	2.710	3.628	7.8	19.2
5 31	17 46.46	−15 21.2	2.650	3.625	5.2	19.0
6 10	17 39.40	−15 15.2	2.617	3.622	2.8	18.9
6 20	17 31.97	−15 13.2	2.613	3.618	2.8	18.9
6 30	17 24.82	−15 15.7	2.636	3.614	5.2	19.0
7 10	17 18.58	−15 22.6	2.687	3.610	7.8	19.2
7 20	17 13.70	−15 34.0	2.762	3.607	10.3	19.4

437483 2013 YP_{54} 6 15.3 152°.30 1°.9/15.4 17

5 11	18 3.40	−15 53.6	2.328	3.161	12.1	21.9
5 21	17 57.43	−16 14.6	2.252	3.169	9.2	21.7
5 31	17 49.60	−16 40.7	2.201	3.177	5.9	21.5
6 10	17 40.53	−17 11.0	2.176	3.184	2.7	21.3
6 20	17 30.98	−17 44.6	2.181	3.190	2.5	21.3
6 30	17 21.82	−18 20.2	2.214	3.196	5.7	21.5
7 10	17 13.86	−18 57.1	2.275	3.202	8.9	21.7
7 20	17 7.68	−19 34.7	2.360	3.207	11.7	21.9

256837 2008 CL_{157} 6 15.3 170°.78 0°.2/15.3 17

5 11	18 5.10	−24 18.4	1.732	2.583	14.8	20.7
5 21	17 59.34	−23 59.7	1.657	2.585	11.2	20.5
5 31	17 51.05	−23 37.7	1.604	2.587	7.0	20.2
6 10	17 41.08	−23 12.0	1.577	2.588	2.5	19.9
6 20	17 30.51	−22 43.3	1.576	2.590	2.2	19.9
6 30	17 20.60	−22 13.4	1.603	2.590	6.8	20.2
7 10	17 12.43	−21 45.2	1.654	2.591	11.0	20.4
7 20	17 6.72	−21 21.0	1.728	2.591	14.6	20.7

135029 2001 MC_{8} 6 15.3 311°.51 5°.5/14.1 18 R

5 11	17 58.12	−12 36.5	1.733	2.587	14.6	19.2
5 21	17 54.20	−11 36.7	1.639	2.563	11.6	18.9
5 31	17 47.97	−10 40.6	1.568	2.539	8.3	18.7
6 10	17 40.06	− 9 52.0	1.520	2.516	5.8	18.5
6 20	17 31.37	− 9 14.3	1.498	2.492	6.2	18.4
6 30	17 22.97	− 8 50.4	1.500	2.470	9.1	18.6
7 10	17 15.93	− 8 41.6	1.526	2.447	12.8	18.7
7 20	17 11.04	− 8 47.5	1.573	2.425	16.3	18.9

363163 2001 SE_{286} 6 15.3 124°.09 1°.2/15.7 18

5 11	18 20.06	−30 11.4	1.853	2.670	15.3	22.1
5 21	18 9.91	−29 23.5	1.791	2.700	11.6	21.9
5 31	17 57.21	−28 24.7	1.754	2.728	7.4	21.7
6 10	17 43.09	−27 15.0	1.746	2.755	2.9	21.5
6 20	17 28.91	−25 56.8	1.768	2.780	2.3	21.5
6 30	17 16.01	−24 35.1	1.820	2.803	6.6	21.8
7 10	17 5.42	−23 15.7	1.901	2.825	10.5	22.1
7 20	16 57.67	−22 3.7	2.007	2.845	13.8	22.4

260497 2005 EC_{10} 6 15.3 121°.15 3°.7/15.7 17

5 11	18 7.42	−31 47.8	1.581	2.429	16.1	21.0
5 21	18 1.50	−32 10.1	1.515	2.437	12.5	20.8
5 31	17 52.59	−32 24.1	1.469	2.444	8.4	20.6
6 10	17 41.66	−32 26.2	1.448	2.451	4.7	20.4
6 20	17 30.04	−32 14.4	1.452	2.458	4.3	20.3
6 30	17 19.25	−31 49.9	1.482	2.465	7.8	20.6
7 10	17 10.58	−31 16.8	1.536	2.471	11.7	20.8
7 20	17 4.84	−30 40.0	1.611	2.477	15.3	21.1

77094 2001 DZ_{48} 6 15.3 2°.74 3°.3/15.2 18

5 11	18 3.68	−27 24.3	1.298	2.168	17.6	19.3
5 21	17 59.32	−28 20.8	1.231	2.167	13.5	19.0
5 31	17 51.60	−29 15.8	1.184	2.167	8.9	18.7
6 10	17 41.42	−30 4.3	1.159	2.167	4.4	18.5
6 20	17 30.19	−30 41.4	1.159	2.168	4.3	18.5
6 30	17 19.63	−31 5.2	1.182	2.170	8.7	18.7
7 10	17 11.33	−31 17.2	1.228	2.171	13.3	19.0
7 20	17 6.27	−31 21.0	1.293	2.174	17.4	19.3

269040 2007 FO_{32} 6 15.3 334°.64 2°.4/15.3 18

5 11	18 2.01	−27 5.6	1.546	2.408	15.7	19.9
5 21	17 57.59	−27 40.6	1.469	2.402	12.0	19.7
5 31	17 50.28	−28 13.7	1.414	2.396	7.8	19.4
6 10	17 40.91	−28 41.2	1.382	2.391	3.6	19.1
6 20	17 30.64	−29 0.5	1.375	2.386	3.3	19.1
6 30	17 20.89	−29 10.7	1.394	2.382	7.6	19.4
7 10	17 12.98	−29 13.3	1.436	2.378	11.9	19.6
7 20	17 7.82	−29 11.0	1.499	2.374	15.7	19.8

252069 2000 SR_{164} 6 15.3 257°.53 14°.5/10.7 18

5 11	18 1.54	+ 7 21.5	1.649	2.436	18.2	20.7
5 21	17 56.77	+ 9 26.0	1.578	2.422	16.5	20.5
5 31	17 49.57	+11 11.7	1.527	2.407	15.1	20.4
6 10	17 40.63	+12 29.6	1.496	2.392	14.5	20.3
6 20	17 30.90	+13 13.1	1.486	2.377	15.0	20.3
6 30	17 21.55	+13 19.0	1.497	2.362	16.4	20.3
7 10	17 13.66	+12 49.2	1.526	2.346	18.3	20.4
7 20	17 8.04	+11 48.9	1.571	2.330	20.4	20.5

400954 2010 VH_{128} 6 15.3 256°.96 2°.2/14.8 18

5 11	17 58.33	−17 46.9	2.543	3.384	10.9	20.9
5 21	17 53.56	−17 15.6	2.453	3.375	8.3	20.7
5 31	17 47.16	−16 45.3	2.388	3.365	5.5	20.5
6 10	17 39.69	−16 17.0	2.349	3.355	2.8	20.3
6 20	17 31.78	−15 51.8	2.338	3.345	2.8	20.3
6 30	17 24.19	−15 31.2	2.356	3.335	5.6	20.4
7 10	17 17.60	−15 16.0	2.401	3.325	8.6	20.6
7 20	17 12.56	−15 6.9	2.469	3.315	11.3	20.8

187180 2005 SY_{49} 6 15.3 241°.21 4°.1/14.6 18

5 11	17 58.14	−11 43.4	2.475	3.309	11.4	20.6
5 21	17 53.42	−11 6.8	2.390	3.301	9.0	20.4
5 31	17 47.08	−10 34.9	2.328	3.294	6.4	20.2
6 10	17 39.66	−10 9.8	2.292	3.286	4.4	20.1
6 20	17 31.81	− 9 52.8	2.284	3.278	4.5	20.1
6 30	17 24.27	− 9 45.0	2.304	3.269	6.7	20.2
7 10	17 17.73	− 9 46.6	2.349	3.261	9.3	20.3
7 20	17 12.72	− 9 57.1	2.418	3.252	11.9	20.5

336493 2008 WK_{14} 6 15.3 282°.52 1°.9/15.0 18

5 11	18 2.58	−19 37.6	1.929	2.777	13.6	21.3
5 21	17 57.57	−19 16.8	1.820	2.746	10.5	21.1
5 31	17 50.13	−18 56.0	1.734	2.715	6.8	20.8
6 10	17 40.87	−18 35.9	1.674	2.683	2.9	20.5
6 20	17 30.67	−18 17.1	1.640	2.651	2.9	20.4
6 30	17 20.64	−18 1.1	1.634	2.618	7.1	20.6
7 10	17 11.90	−17 49.4	1.653	2.585	11.3	20.8
7 20	17 5.31	−17 43.4	1.694	2.551	15.1	20.9

37845 1998 DF_{6} 6 15.3 286°.74 3°.1/15.1 18

5 11	18 2.18	−17 6.4	1.449	2.313	16.5	18.1
5 21	17 57.82	−16 50.5	1.361	2.294	12.7	17.8
5 31	17 50.53	−16 38.8	1.293	2.275	8.4	17.5
6 10	17 41.06	−16 32.6	1.248	2.256	4.1	17.2
6 20	17 30.52	−16 32.4	1.228	2.237	4.1	17.2
6 30	17 20.33	−16 39.1	1.233	2.219	8.6	17.4
7 10	17 11.86	−16 53.2	1.260	2.200	13.4	17.6
7 20	17 6.13	−17 14.4	1.307	2.181	17.7	17.8

280942 2006 BO_{96} 6 15.3 108°.17 2°.3/15.6 17

5 11	18 4.43	−29 38.2	1.912	2.756	13.9	20.8
5 21	17 58.69	−29 46.6	1.844	2.766	10.6	20.6
5 31	17 50.58	−29 49.1	1.798	2.776	6.9	20.4
6 10	17 40.92	−29 43.5	1.778	2.785	3.3	20.2
6 20	17 30.77	−29 29.2	1.784	2.794	2.9	20.2
6 30	17 21.28	−29 7.1	1.818	2.803	6.4	20.4
7 10	17 13.47	−28 40.2	1.877	2.812	10.0	20.7
7 20	17 7.99	−28 11.7	1.959	2.821	13.2	20.9

106555 2000 WX_{75} 6 15.3 202°.29 0°.3/15.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 0.34	−25 23.8	2.394	3.237	11.5	20.2
5 21	17 55.18	−25 8.7	2.312	3.236	8.7	20.0
5 31	17 48.22	−24 50.4	2.253	3.234	5.5	19.8
6 10	17 40.07	−24 28.6	2.222	3.233	2.0	19.5
6 20	17 31.50	−24 3.7	2.218	3.231	1.7	19.5
6 30	17 23.36	−23 37.0	2.243	3.230	5.2	19.7
7 10	17 16.42	−23 10.3	2.294	3.228	8.5	19.9
7 20	17 11.24	−22 45.5	2.370	3.226	11.4	20.1

294021 2007 TQ_{114} 6 15.3 336°.52 2°.2/14.9 18

5 11	17 59.90	−19 40.9	1.787	2.644	14.1	19.9
5 21	17 55.35	−19 3.7	1.709	2.640	10.7	19.6
5 31	17 48.55	−18 26.3	1.654	2.637	6.9	19.4
6 10	17 40.23	−17 50.2	1.624	2.633	3.1	19.2
6 20	17 31.36	−17 17.2	1.620	2.630	3.2	19.2
6 30	17 23.01	−16 49.3	1.642	2.627	7.0	19.4
7 10	17 16.15	−16 28.3	1.689	2.624	10.9	19.6
7 20	17 11.45	−16 15.3	1.758	2.622	14.3	19.8

278874 2008 TS_{62} 6 15.3 4°.01 2°.0/15.1 17

5 11	18 0.62	−19 41.7	1.655	2.516	14.9	20.3
5 21	17 56.04	−19 18.0	1.583	2.516	11.3	20.1
5 31	17 49.04	−18 55.3	1.533	2.516	7.2	19.9
6 10	17 40.42	−18 34.4	1.506	2.516	3.1	19.6
6 20	17 31.21	−18 16.4	1.506	2.517	3.1	19.6
6 30	17 22.57	−18 2.7	1.531	2.518	7.2	19.9
7 10	17 15.55	−17 54.4	1.581	2.519	11.3	20.1
7 20	17 10.87	−17 52.5	1.652	2.520	14.9	20.3

214814 2006 UE_{263} 6 15.3 5°.96 3°.9/14.6 17

5 11	17 58.69	−14 40.5	1.995	2.844	13.2	20.1
5 21	17 54.14	−13 55.1	1.921	2.844	10.2	19.9
5 31	17 47.65	−13 13.3	1.870	2.845	7.0	19.7
6 10	17 39.89	−12 37.4	1.845	2.845	4.3	19.6
6 20	17 31.69	−12 9.2	1.845	2.846	4.5	19.6
6 30	17 23.95	−11 50.5	1.873	2.847	7.2	19.8
7 10	17 17.50	−11 41.9	1.925	2.848	10.4	20.0
7 20	17 12.93	−11 43.3	1.999	2.849	13.4	20.2

503944 2003 UB_{138} 6 15.3 326°.68 4°.6/14.9 18

5 11	17 55.46	−16 10.5	1.057	1.948	19.0	19.6
5 21	17 53.59	−15 40.1	0.973	1.921	14.9	19.3
5 31	17 48.34	−15 15.0	0.907	1.894	10.1	18.9
6 10	17 40.42	−14 58.4	0.861	1.869	5.5	18.6
6 20	17 31.08	−14 53.0	0.835	1.844	5.6	18.5
6 30	17 22.05	−15 0.9	0.831	1.821	10.7	18.7
7 10	17 15.07	−15 22.4	0.845	1.800	16.3	18.9
7 20	17 11.40	−15 56.4	0.876	1.780	21.4	19.1

80708 2000 CS_{18} 6 15.3 231°.22 3°.9/14.9 18

5 11	18 2.75	−14 27.2	1.808	2.654	14.5	20.0
5 21	17 57.53	−13 58.6	1.724	2.646	11.2	19.8
5 31	17 49.97	−13 34.9	1.662	2.637	7.6	19.6
6 10	17 40.78	−13 17.6	1.626	2.628	4.5	19.3
6 20	17 30.89	−13 8.2	1.615	2.618	4.5	19.3
6 30	17 21.43	−13 7.8	1.632	2.608	7.8	19.5
7 10	17 13.41	−13 16.5	1.672	2.598	11.6	19.7
7 20	17 7.59	−13 33.9	1.735	2.587	15.0	19.9

432458 2010 CX_{127} 6 15.3 298°.79 12°.4/19.3 18

5 11	18 19.53	−56 37.0	1.834	2.580	18.0	19.8
5 21	18 11.73	−57 8.6	1.753	2.570	16.2	19.6
5 31	17 59.44	−57 14.4	1.689	2.560	14.4	19.5
6 10	17 44.15	−56 45.2	1.645	2.549	12.9	19.4
6 20	17 28.06	−55 36.2	1.623	2.539	12.4	19.3
6 30	17 13.63	−53 49.0	1.624	2.529	13.1	19.3
7 10	17 2.68	−51 32.9	1.648	2.519	14.8	19.4
7 20	16 56.04	−48 59.9	1.694	2.510	16.9	19.5

367086 2006 QY_{42} 6 15.3 254°.40 3°.0/15.5 17

5 11	18 6.73	−30 18.5	1.836	2.677	14.5	21.5
5 21	18 0.99	−30 39.3	1.738	2.658	11.3	21.2
5 31	17 52.42	−30 54.6	1.663	2.639	7.6	21.0
6 10	17 41.73	−31 1.0	1.613	2.619	3.9	20.7
6 20	17 30.02	−30 56.0	1.590	2.598	3.6	20.6
6 30	17 18.66	−30 39.6	1.593	2.576	7.3	20.8
7 10	17 8.95	−30 14.6	1.622	2.554	11.4	21.0
7 20	17 1.86	−29 45.0	1.673	2.532	15.2	21.2

397085 2005 UU_{292} 6 15.3 84°.27 1°.2/15.1 16

5 11	17 59.29	−21 0.8	2.316	3.162	11.7	21.1
5 21	17 54.38	−20 34.8	2.239	3.164	8.8	21.0
5 31	17 47.71	−20 8.2	2.186	3.167	5.6	20.8
6 10	17 39.91	−19 41.7	2.159	3.169	2.2	20.5
6 20	17 31.72	−19 16.1	2.161	3.172	2.2	20.5
6 30	17 23.97	−18 52.8	2.190	3.174	5.5	20.8
7 10	17 17.41	−18 33.3	2.246	3.177	8.7	21.0
7 20	17 12.56	−18 18.4	2.325	3.180	11.6	21.2

33683 1999 JQ_{115} 6 15.3 128°.80 1°.8/15.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 5.81	−20 3.3	1.605	2.458	15.6	19.6
5 21	17 59.91	−19 42.7	1.540	2.469	11.8	19.4
5 31	17 51.42	−19 23.0	1.497	2.479	7.5	19.2
6 10	17 41.26	−19 4.5	1.479	2.489	3.1	18.9
6 20	17 30.56	−18 48.1	1.487	2.498	3.0	19.0
6 30	17 20.60	−18 34.9	1.521	2.507	7.3	19.2
7 10	17 12.49	−18 26.6	1.580	2.515	11.5	19.5
7 20	17 6.92	−18 24.0	1.660	2.523	15.1	19.7

187302 2005 TP_{191} 6 15.3 207°.54 3°.9/14.9 18

5 11	17 58.05	−10 35.9	2.635	3.464	11.0	21.2
5 21	17 53.26	−10 14.9	2.552	3.460	8.6	21.0
5 31	17 46.95	− 9 59.8	2.493	3.457	6.2	20.9
6 10	17 39.65	− 9 52.1	2.461	3.453	4.2	20.7
6 20	17 31.95	− 9 52.5	2.456	3.449	4.3	20.7
6 30	17 24.54	−10 1.4	2.479	3.445	6.3	20.8
7 10	17 18.07	−10 18.4	2.529	3.440	8.8	21.0
7 20	17 13.04	−10 42.7	2.602	3.435	11.2	21.1

337184 1999 VM_{124} 6 15.3 297°.37 4°.8/15.5 18

5 11	18 3.92	−33 34.8	1.719	2.565	15.1	20.8
5 21	17 59.23	−34 13.0	1.621	2.540	12.0	20.5
5 31	17 51.51	−34 44.4	1.544	2.515	8.5	20.2
6 10	17 41.47	−35 4.1	1.491	2.490	5.5	20.0
6 20	17 30.23	−35 8.6	1.464	2.465	5.3	19.9
6 30	17 19.28	−34 56.7	1.462	2.440	8.4	20.0
7 10	17 10.09	−34 31.2	1.483	2.415	12.3	20.2
7 20	17 3.71	−33 57.0	1.526	2.390	16.1	20.4

20695 1999 VM_{92} 6 15.3 63°.51 2°.4/15.0 18

5 11	17 58.78	−17 5.9	2.206	3.052	12.2	18.7
5 21	17 54.03	−16 45.3	2.135	3.059	9.3	18.5
5 31	17 47.51	−16 27.4	2.089	3.067	6.0	18.3
6 10	17 39.85	−16 13.0	2.068	3.074	3.0	18.1
6 20	17 31.80	−16 2.9	2.074	3.082	3.0	18.1
6 30	17 24.21	−15 57.8	2.108	3.089	6.0	18.3
7 10	17 17.83	−15 58.1	2.168	3.097	9.1	18.5
7 20	17 13.18	−16 3.8	2.251	3.104	12.0	18.7

123212 2000 UY_{36} 6 15.3 233°.59 1°.8/15.1 18

5 11	18 1.79	−19 15.9	1.888	2.739	13.7	20.2
5 21	17 56.73	−18 59.8	1.807	2.734	10.5	19.9
5 31	17 49.43	−18 45.0	1.748	2.729	6.7	19.7
6 10	17 40.59	−18 32.1	1.715	2.724	2.9	19.4
6 20	17 31.14	−18 21.6	1.708	2.719	2.8	19.4
6 30	17 22.15	−18 14.3	1.729	2.714	6.7	19.7
7 10	17 14.59	−18 11.3	1.775	2.708	10.5	19.9
7 20	17 9.16	−18 13.3	1.843	2.703	13.9	20.1

504881 2010 VQ_{138} 6 15.3 289°.89 2°.6/14.9 17

5 11	18 2.11	−19 37.5	1.463	2.327	16.3	21.4
5 21	17 57.69	−19 1.8	1.377	2.312	12.5	21.2
5 31	17 50.40	−18 25.9	1.312	2.296	8.1	20.9
6 10	17 41.03	−17 51.0	1.271	2.280	3.7	20.6
6 20	17 30.72	−17 19.2	1.254	2.264	3.7	20.5
6 30	17 20.87	−16 52.9	1.262	2.249	8.4	20.7
7 10	17 12.81	−16 34.6	1.294	2.233	13.1	21.0
7 20	17 7.45	−16 25.6	1.345	2.218	17.3	21.2

93962 2000 WG_{192} 6 15.3 242°.75 5°.1/15.4 18

5 11	18 1.55	− 9 1.4	1.881	2.717	14.4	19.4
5 21	17 56.51	− 8 58.6	1.801	2.712	11.4	19.1
5 31	17 49.29	− 9 6.9	1.742	2.707	8.2	18.9
6 10	17 40.55	− 9 27.5	1.709	2.702	5.6	18.8
6 20	17 31.16	−10 0.5	1.701	2.697	5.4	18.8
6 30	17 22.15	−10 45.1	1.720	2.691	8.0	18.9
7 10	17 14.47	−11 39.0	1.764	2.686	11.3	19.1
7 20	17 8.84	−12 39.7	1.831	2.680	14.5	19.3

371517 2006 UK_{144} 6 15.3 218°.60 1°.6/15.5 17

5 11	18 5.80	−27 18.3	1.982	2.823	13.6	22.4
5 21	17 59.87	−27 29.6	1.893	2.815	10.4	22.2
5 31	17 51.48	−27 37.3	1.828	2.807	6.7	22.0
6 10	17 41.35	−27 39.1	1.788	2.797	2.8	21.7
6 20	17 30.48	−27 33.9	1.776	2.787	2.5	21.6
6 30	17 20.03	−27 21.9	1.791	2.777	6.4	21.9
7 10	17 11.12	−27 5.4	1.833	2.765	10.3	22.1
7 20	17 4.52	−26 47.1	1.897	2.754	13.7	22.3

431131 2006 KJ_{53} 6 15.3 26°.31 3°.6/14.9 16

5 11	17 59.30	−16 3.1	1.536	2.400	15.7	21.2
5 21	17 55.08	−15 34.2	1.475	2.407	12.0	21.0
5 31	17 48.44	−15 10.2	1.435	2.415	8.0	20.8
6 10	17 40.23	−14 52.7	1.418	2.424	4.3	20.6
6 20	17 31.51	−14 43.0	1.426	2.433	4.3	20.6
6 30	17 23.44	−14 42.1	1.459	2.442	7.9	20.8
7 10	17 17.06	−14 50.0	1.516	2.453	11.8	21.1
7 20	17 13.03	−15 5.9	1.594	2.463	15.2	21.3

204068 2003 UY_{307} 6 15.3 203°.42 1°.2/15.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 1.46	−20 3.9	2.077	2.924	12.8	21.5
5 21	17 56.29	−19 58.5	1.997	2.922	9.7	21.3
5 31	17 49.07	−19 54.3	1.939	2.920	6.2	21.0
6 10	17 40.45	−19 51.2	1.908	2.918	2.4	20.8
6 20	17 31.29	−19 49.1	1.903	2.915	2.3	20.8
6 30	17 22.56	−19 48.6	1.927	2.913	6.0	21.0
7 10	17 15.13	−19 50.3	1.976	2.910	9.6	21.2
7 20	17 9.67	−19 55.0	2.049	2.906	12.8	21.4

276487 2003 OJ_{33} 6 15.3 326°.81 2°.1/15.2 18

5 11	17 58.24	−19 0.9	1.432	2.304	16.1	20.4
5 21	17 54.84	−18 51.4	1.348	2.286	12.4	20.1
5 31	17 48.66	−18 44.8	1.284	2.269	8.0	19.8
6 10	17 40.44	−18 41.8	1.242	2.253	3.4	19.5
6 20	17 31.25	−18 42.7	1.225	2.237	3.3	19.4
6 30	17 22.46	−18 48.1	1.232	2.222	8.1	19.7
7 10	17 15.37	−18 58.6	1.261	2.207	12.8	19.9
7 20	17 10.93	−19 14.4	1.311	2.194	17.0	20.1

182762 2001 XD_{167} 6 15.3 150°.97 0°.4/15.3 17

5 11	18 0.35	−21 46.6	2.707	3.544	10.5	21.9
5 21	17 54.96	−21 49.2	2.630	3.551	7.9	21.7
5 31	17 48.01	−21 51.8	2.578	3.558	4.9	21.5
6 10	17 40.03	−21 54.0	2.553	3.564	1.8	21.3
6 20	17 31.69	−21 55.5	2.558	3.570	1.6	21.3
6 30	17 23.72	−21 56.5	2.591	3.576	4.7	21.5
7 10	17 16.78	−21 57.6	2.652	3.581	7.6	21.7
7 20	17 11.38	−21 59.6	2.737	3.586	10.2	21.9

60457 2000 CS_{108} 6 15.3 139°.65 7°.1/14.3 18

5 11	18 2.90	− 6 12.7	1.907	2.733	14.7	19.6
5 21	17 57.24	− 5 11.8	1.844	2.743	11.9	19.4
5 31	17 49.56	− 4 21.2	1.803	2.753	9.2	19.3
6 10	17 40.59	− 3 44.8	1.787	2.762	7.3	19.2
6 20	17 31.22	− 3 25.0	1.797	2.771	7.5	19.2
6 30	17 22.40	− 3 22.8	1.833	2.779	9.5	19.4
7 10	17 14.99	− 3 37.4	1.892	2.786	12.1	19.5
7 20	17 9.59	− 4 6.3	1.973	2.793	14.7	19.7

519824 2013 JY_{35} 6 15.3 170°.45 14°.0/12.3 18

5 11	18 29.02	+ 2 59.8	1.516	2.274	20.7	23.0
5 21	18 17.46	+ 5 33.6	1.451	2.289	17.9	22.8
5 31	18 2.50	+ 7 51.1	1.409	2.301	15.4	22.7
6 10	17 45.22	+ 9 40.4	1.393	2.309	14.1	22.6
6 20	17 27.18	+10 52.2	1.405	2.313	14.6	22.7
6 30	17 10.14	+11 22.6	1.444	2.313	16.6	22.8
7 10	16 55.59	+11 15.0	1.505	2.309	19.2	23.0
7 20	16 44.44	+10 36.7	1.585	2.302	21.7	23.2

89869 2002 CB_{142} 6 15.3 355°.16 5°.8/16.7 18

5 11	18 2.93	−39 43.9	1.853	2.683	14.8	18.3
5 21	17 57.99	−39 48.9	1.776	2.680	12.0	18.1
5 31	17 50.35	−39 39.3	1.721	2.677	9.0	17.9
6 10	17 40.93	−39 11.9	1.689	2.675	6.4	17.8
6 20	17 30.92	−38 25.6	1.682	2.674	6.0	17.7
6 30	17 21.67	−37 22.7	1.701	2.673	8.0	17.9
7 10	17 14.34	−36 8.5	1.744	2.673	11.0	18.0
7 20	17 9.62	−34 49.2	1.810	2.673	14.0	18.2

71913 2000 WF_{45} 6 15.3 268°.88 0°.2/15.3 17

5 11	18 4.21	−21 37.5	1.477	2.338	16.3	19.8
5 21	17 59.33	−21 58.5	1.397	2.330	12.4	19.5
5 31	17 51.47	−22 22.2	1.338	2.322	7.9	19.2
6 10	17 41.44	−22 46.6	1.303	2.314	2.8	18.9
6 20	17 30.41	−23 9.6	1.293	2.306	2.5	18.8
6 30	17 19.86	−23 30.3	1.308	2.298	7.7	19.1
7 10	17 11.17	−23 48.9	1.347	2.290	12.5	19.4
7 20	17 5.29	−24 6.7	1.407	2.282	16.6	19.6

33241 1998 HX_{5} 6 15.3 264°.98 1°.6/15.2 18

5 11	17 59.37	−18 29.1	2.236	3.082	12.1	19.2
5 21	17 54.60	−18 25.2	2.153	3.078	9.2	19.0
5 31	17 47.97	−18 23.6	2.093	3.073	5.9	18.8
6 10	17 40.07	−18 24.5	2.059	3.068	2.6	18.6
6 20	17 31.66	−18 27.9	2.053	3.063	2.4	18.6
6 30	17 23.60	−18 33.9	2.074	3.059	5.8	18.8
7 10	17 16.70	−18 43.0	2.122	3.054	9.1	19.0
7 20	17 11.57	−18 55.1	2.192	3.049	12.1	19.2

416424 2003 UK_{231} 6 15.3 128°.83 1°.2/15.2 17

5 11	18 6.60	−20 52.5	1.961	2.802	13.7	22.4
5 21	18 0.03	−20 38.0	1.897	2.820	10.3	22.2
5 31	17 51.29	−20 23.6	1.857	2.837	6.5	22.0
6 10	17 41.21	−20 9.2	1.843	2.854	2.5	21.8
6 20	17 30.74	−19 55.2	1.857	2.869	2.3	21.8
6 30	17 20.95	−19 42.5	1.900	2.884	6.2	22.1
7 10	17 12.75	−19 32.7	1.968	2.898	9.9	22.3
7 20	17 6.74	−19 26.8	2.060	2.911	13.0	22.6

511419 2014 HM_{167} 6 15.3 300°.39 2°.0/15.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	17 59.26	−16 18.3	2.198	3.043	12.3	21.0
5 21	17 54.61	−16 31.3	2.111	3.034	9.4	20.8
5 31	17 48.04	−16 49.4	2.047	3.025	6.1	20.5
6 10	17 40.13	−17 12.3	2.009	3.017	2.9	20.3
6 20	17 31.63	−17 39.3	1.999	3.008	2.7	20.3
6 30	17 23.42	−18 9.7	2.016	3.000	5.9	20.5
7 10	17 16.34	−18 42.8	2.060	2.992	9.4	20.7
7 20	17 11.04	−19 17.9	2.126	2.984	12.4	20.9

77506 2001 HY_{46} 6 15.3 61°.06 4°.0/14.8 18

5 11	18 0.19	−14 22.6	1.837	2.687	14.1	19.2
5 21	17 55.39	−13 44.5	1.770	2.694	10.9	19.0
5 31	17 48.50	−13 11.2	1.726	2.700	7.4	18.8
6 10	17 40.26	−12 44.8	1.706	2.707	4.5	18.6
6 20	17 31.57	−12 26.9	1.712	2.714	4.6	18.6
6 30	17 23.42	−12 18.7	1.745	2.721	7.5	18.8
7 10	17 16.72	−12 20.4	1.803	2.728	10.9	19.0
7 20	17 12.06	−12 31.4	1.882	2.735	14.0	19.3

507093 2009 FM_{10} 6 15.3 135°.29 0°.4/15.4 17

5 11	18 1.48	−24 36.7	2.216	3.061	12.2	22.4
5 21	17 56.19	−24 38.6	2.141	3.066	9.2	22.2
5 31	17 48.95	−24 38.6	2.089	3.070	5.8	22.0
6 10	17 40.42	−24 35.8	2.064	3.075	2.1	21.8
6 20	17 31.43	−24 29.9	2.066	3.079	1.8	21.7
6 30	17 22.91	−24 21.4	2.096	3.083	5.5	22.0
7 10	17 15.69	−24 11.8	2.153	3.087	8.9	22.2
7 20	17 10.38	−24 2.5	2.233	3.091	11.9	22.4

476400 2008 CC_{200} 6 15.3 132°.90 4°.9/14.9 17

5 11	17 58.82	− 8 0.4	2.474	3.298	11.7	21.6
5 21	17 53.85	− 7 32.1	2.404	3.306	9.4	21.4
5 31	17 47.33	− 7 11.8	2.358	3.313	7.0	21.3
6 10	17 39.82	− 7 1.1	2.337	3.321	5.2	21.2
6 20	17 31.97	− 7 1.2	2.344	3.328	5.2	21.2
6 30	17 24.50	− 7 12.2	2.378	3.335	7.0	21.3
7 10	17 18.07	− 7 33.4	2.438	3.342	9.4	21.5
7 20	17 13.15	− 8 3.2	2.521	3.348	11.7	21.6

315532 2008 AB_{135} 6 15.3 344°.76 2°.2/15.2 17

5 11	17 58.86	−17 23.3	1.986	2.838	13.1	20.9
5 21	17 54.42	−17 15.7	1.908	2.835	10.0	20.7
5 31	17 47.95	−17 11.6	1.853	2.833	6.5	20.5
6 10	17 40.10	−17 11.4	1.822	2.830	3.1	20.3
6 20	17 31.71	−17 15.2	1.819	2.828	3.0	20.3
6 30	17 23.73	−17 23.3	1.842	2.827	6.4	20.5
7 10	17 17.05	−17 35.7	1.891	2.825	9.9	20.7
7 20	17 12.30	−17 52.5	1.962	2.824	13.1	20.9

478628 2012 TQ_{178} 6 15.3 264°.26 0°.3/15.3 17

5 11	18 1.77	−23 40.9	1.906	2.758	13.6	21.8
5 21	17 56.74	−23 23.2	1.825	2.754	10.3	21.6
5 31	17 49.45	−23 3.0	1.768	2.751	6.5	21.3
6 10	17 40.64	−22 40.2	1.736	2.747	2.3	21.1
6 20	17 31.25	−22 15.4	1.730	2.744	2.1	21.0
6 30	17 22.38	−21 50.1	1.752	2.740	6.3	21.3
7 10	17 14.99	−21 26.5	1.799	2.737	10.2	21.5
7 20	17 9.76	−21 6.5	1.869	2.733	13.6	21.7

249257 2008 SF_{53} 6 15.3 247°.72 0°.6/15.4 18

5 11	18 2.90	−24 41.6	2.002	2.849	13.2	21.5
5 21	17 57.65	−24 47.9	1.912	2.838	10.1	21.2
5 31	17 50.09	−24 52.4	1.846	2.827	6.4	21.0
6 10	17 40.90	−24 53.9	1.804	2.815	2.4	20.7
6 20	17 31.00	−24 51.6	1.791	2.804	2.0	20.6
6 30	17 21.47	−24 45.6	1.804	2.792	6.2	20.9
7 10	17 13.34	−24 37.6	1.844	2.779	10.1	21.1
7 20	17 7.37	−24 29.5	1.906	2.767	13.5	21.3

436955 2012 TD_{152} 6 15.3 292°.21 3°.0/14.9 17

5 11	18 0.16	−16 28.9	1.913	2.764	13.6	21.5
5 21	17 55.43	−16 0.6	1.835	2.761	10.4	21.3
5 31	17 48.59	−15 35.4	1.780	2.758	6.9	21.1
6 10	17 40.33	−15 14.6	1.750	2.755	3.7	20.9
6 20	17 31.53	−14 59.4	1.746	2.752	3.7	20.9
6 30	17 23.18	−14 51.1	1.769	2.749	7.0	21.1
7 10	17 16.20	−14 50.2	1.817	2.747	10.6	21.3
7 20	17 11.23	−14 56.7	1.887	2.744	13.8	21.5

507755 2013 YN_{42} 6 15.3 22°.20 0°.3/15.4 17

5 11	18 4.22	−28 32.7	1.513	2.372	16.1	19.9
5 21	17 58.91	−27 26.9	1.445	2.376	12.2	19.7
5 31	17 50.87	−26 10.3	1.398	2.382	7.7	19.5
6 10	17 41.12	−24 44.4	1.376	2.387	2.8	19.2
6 20	17 30.94	−23 13.1	1.380	2.393	2.3	19.2
6 30	17 21.67	−21 42.2	1.411	2.400	7.3	19.5
7 10	17 14.43	−20 17.8	1.466	2.407	11.7	19.8
7 20	17 9.88	−19 4.6	1.543	2.415	15.5	20.0

311635 2006 QK_{131} 6 15.3 269°.40 4°.6/14.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	17 59.47	−12 10.6	2.158	2.997	12.7	20.8
5 21	17 54.76	−11 24.1	2.067	2.982	10.0	20.6
5 31	17 48.13	−10 42.0	1.999	2.966	7.1	20.4
6 10	17 40.19	−10 6.7	1.957	2.951	4.9	20.2
6 20	17 31.67	− 9 40.5	1.941	2.935	5.1	20.2
6 30	17 23.46	− 9 25.1	1.953	2.920	7.6	20.3
7 10	17 16.39	− 9 21.0	1.990	2.904	10.6	20.5
7 20	17 11.09	− 9 27.8	2.049	2.888	13.5	20.6

168723 2000 OR_9 6 15.3 333°.98 0°.5/15.3 18

5 11	17 58.57	−24 31.6	1.064	1.954	19.1	19.5
5 21	17 55.94	−24 2.6	0.991	1.939	14.6	19.1
5 31	17 49.74	−23 27.8	0.935	1.925	9.3	18.8
6 10	17 40.94	−22 47.6	0.900	1.913	3.4	18.4
6 20	17 30.99	−22 3.6	0.887	1.901	3.0	18.3
6 30	17 21.73	−21 19.8	0.896	1.891	9.3	18.7
7 10	17 14.84	−20 40.8	0.925	1.882	15.0	18.9
7 20	17 11.36	−20 10.3	0.972	1.874	19.9	19.2

33967 2000 NO_{12} 6 15.3 0°.13 5°.0/14.4 18

5 11	17 58.25	−13 4.0	1.806	2.659	14.2	18.6
5 21	17 54.03	−12 7.4	1.734	2.657	11.1	18.4
5 31	17 47.72	−11 15.5	1.685	2.657	7.8	18.2
6 10	17 40.03	−10 31.7	1.660	2.657	5.3	18.1
6 20	17 31.85	− 9 58.6	1.661	2.657	5.5	18.1
6 30	17 24.17	− 9 38.2	1.687	2.658	8.2	18.2
7 10	17 17.88	− 9 31.1	1.738	2.659	11.5	18.4
7 20	17 13.61	− 9 36.5	1.809	2.660	14.5	18.6

200270 1999 XX_{110} 6 15.3 225°.38 1°.8/14.9 18

5 11	18 2.20	−20 18.7	2.143	2.987	12.6	20.2
5 21	17 56.79	−19 40.7	2.056	2.980	9.6	20.0
5 31	17 49.38	−19 1.5	1.993	2.973	6.1	19.7
6 10	17 40.62	−18 22.3	1.957	2.966	2.7	19.5
6 20	17 31.34	−17 44.5	1.948	2.958	2.7	19.5
6 30	17 22.49	−17 10.2	1.967	2.949	6.2	19.7
7 10	17 14.93	−16 41.3	2.013	2.941	9.8	19.9
7 20	17 9.29	−16 19.3	2.081	2.932	12.9	20.1

177152 2003 RJ_{19} 6 15.3 247°.44 0°.5/15.4 18

5 11	18 5.88	−24 44.4	1.778	2.626	14.6	21.4
5 21	18 0.27	−24 44.8	1.683	2.610	11.2	21.1
5 31	17 51.95	−24 42.9	1.611	2.593	7.1	20.8
6 10	17 41.64	−24 37.0	1.564	2.575	2.6	20.5
6 20	17 30.39	−24 26.4	1.543	2.556	2.3	20.4
6 30	17 19.51	−24 11.8	1.550	2.537	7.0	20.7
7 10	17 10.23	−23 55.3	1.582	2.518	11.4	20.9
7 20	17 3.46	−23 39.6	1.636	2.498	15.3	21.1

511155 2013 YR_{39} 6 15.3 307°.39 4°.2/15.4 18 R

5 11	18 0.33	−11 58.2	1.780	2.627	14.6	20.6
5 21	17 55.78	−11 56.2	1.699	2.620	11.4	20.3
5 31	17 48.95	−12 3.3	1.640	2.613	7.9	20.1
6 10	17 40.52	−12 20.6	1.605	2.606	4.8	19.9
6 20	17 31.40	−12 48.1	1.596	2.599	4.7	19.9
6 30	17 22.65	−13 24.9	1.613	2.592	7.7	20.1
7 10	17 15.30	−14 9.6	1.655	2.585	11.4	20.3
7 20	17 10.08	−15 0.1	1.719	2.579	14.8	20.5

340440 2006 GY_{18} 6 15.3 46°.81 2°.1/15.4 17

5 11	18 2.97	−27 17.6	1.782	2.634	14.4	20.9
5 21	17 57.90	−27 46.3	1.710	2.637	11.0	20.7
5 31	17 50.31	−28 12.1	1.660	2.641	7.1	20.4
6 10	17 41.00	−28 32.3	1.636	2.645	3.2	20.2
6 20	17 31.01	−28 44.9	1.638	2.648	2.9	20.2
6 30	17 21.59	−28 49.6	1.666	2.652	6.7	20.4
7 10	17 13.83	−28 48.1	1.719	2.656	10.6	20.7
7 20	17 8.49	−28 42.9	1.794	2.660	14.0	20.9

432409 2010 AA_8 6 15.3 162°.49 2°.0/15.5 17

5 11	18 4.76	−28 13.9	2.122	2.961	12.9	21.6
5 21	17 58.87	−28 36.9	2.046	2.965	9.8	21.5
5 31	17 50.75	−28 56.0	1.992	2.969	6.4	21.2
6 10	17 41.12	−29 9.2	1.965	2.973	3.0	21.0
6 20	17 30.91	−29 14.7	1.966	2.976	2.7	21.0
6 30	17 21.20	−29 12.7	1.995	2.979	6.0	21.2
7 10	17 12.95	−29 4.9	2.050	2.981	9.5	21.5
7 20	17 6.85	−28 53.7	2.128	2.983	12.5	21.7

251807 1999 TK_{60} 6 15.3 203°.77 2°.9/15.6 17

5 11	18 7.13	−30 13.2	1.840	2.682	14.5	21.6
5 21	18 1.11	−30 34.1	1.758	2.678	11.2	21.4
5 31	17 52.38	−30 49.3	1.698	2.674	7.4	21.1
6 10	17 41.75	−30 55.5	1.664	2.669	3.8	20.9
6 20	17 30.34	−30 50.7	1.656	2.664	3.5	20.9
6 30	17 19.48	−30 35.4	1.675	2.658	7.0	21.1
7 10	17 10.35	−30 12.3	1.720	2.652	10.9	21.3
7 20	17 3.80	−29 45.4	1.787	2.645	14.4	21.5

181391 2006 SM_{75} 6 15.4 117°.88 4°.5/15.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 5.35	−36 40.8	2.587	3.402	11.5	21.4
5 21	17 59.08	−37 26.4	2.521	3.418	9.2	21.3
5 31	17 50.77	−38 4.1	2.478	3.432	6.7	21.2
6 10	17 41.11	−38 30.4	2.462	3.447	4.8	21.1
6 20	17 30.97	−38 43.5	2.473	3.461	4.7	21.1
6 30	17 21.32	−38 43.3	2.513	3.475	6.4	21.2
7 10	17 13.04	−38 31.8	2.578	3.488	8.7	21.4
7 20	17 6.74	−38 12.2	2.668	3.501	10.9	21.5

271353 2003 WT_{160} 6 15.4 183°.37 0°.9/15.2 17

5 11	18 1.43	−21 38.2	2.041	2.890	13.0	21.3
5 21	17 56.31	−21 24.2	1.963	2.890	9.8	21.1
5 31	17 49.12	−21 9.7	1.908	2.890	6.2	20.9
6 10	17 40.55	−20 54.7	1.879	2.890	2.3	20.6
6 20	17 31.46	−20 39.7	1.877	2.889	2.1	20.6
6 30	17 22.85	−20 25.6	1.902	2.889	6.0	20.9
7 10	17 15.61	−20 13.9	1.954	2.888	9.7	21.1
7 20	17 10.36	−20 5.8	2.028	2.888	12.9	21.3

478383 2012 BZ 6 15.4 213°.52 2°.7/15.9 18

5 11	18 1.60	−33 6.1	2.615	3.443	11.1	21.4
5 21	17 56.18	−33 7.7	2.529	3.440	8.6	21.2
5 31	17 48.92	−33 2.2	2.468	3.437	5.9	21.0
6 10	17 40.46	−32 48.1	2.433	3.434	3.4	20.8
6 20	17 31.56	−32 24.8	2.426	3.431	3.1	20.8
6 30	17 23.10	−31 53.5	2.448	3.427	5.4	21.0
7 10	17 15.85	−31 16.4	2.496	3.424	8.2	21.1
7 20	17 10.38	−30 36.5	2.569	3.420	10.7	21.3

201641 2003 SU_{337} 6 15.4 162°.36 1°.7/15.5 17

5 11	18 3.51	−27 57.3	2.087	2.930	12.9	21.7
5 21	17 57.95	−28 9.8	2.011	2.933	9.9	21.5
5 31	17 50.18	−28 18.3	1.957	2.935	6.4	21.3
6 10	17 40.94	−28 21.0	1.929	2.937	2.8	21.1
6 20	17 31.14	−28 16.7	1.928	2.939	2.5	21.0
6 30	17 21.85	−28 6.1	1.956	2.941	6.0	21.3
7 10	17 14.01	−27 51.0	2.009	2.942	9.5	21.5
7 20	17 8.31	−27 34.0	2.085	2.944	12.6	21.7

186958 2004 RT_{83} 6 15.4 236°.92 1°.2/15.4 18

5 11	18 0.85	−17 6.1	2.664	3.498	10.7	20.2
5 21	17 55.54	−17 36.3	2.572	3.490	8.2	20.0
5 31	17 48.54	−18 10.9	2.504	3.481	5.2	19.8
6 10	17 40.35	−18 49.1	2.464	3.473	2.2	19.6
6 20	17 31.63	−19 29.6	2.453	3.464	2.0	19.6
6 30	17 23.11	−20 11.1	2.471	3.455	5.0	19.8
7 10	17 15.53	−20 52.8	2.518	3.446	8.1	20.0
7 20	17 9.47	−21 34.1	2.589	3.437	10.8	20.1

71942 2000 WU_{82} 6 15.4 233°.20 2°.0/15.5 18

5 11	18 6.34	−27 28.2	1.676	2.526	15.2	20.3
5 21	18 0.77	−27 47.4	1.591	2.517	11.7	20.0
5 31	17 52.33	−28 3.1	1.528	2.508	7.6	19.8
6 10	17 41.80	−28 12.3	1.490	2.499	3.3	19.5
6 20	17 30.35	−28 13.0	1.477	2.489	3.0	19.4
6 30	17 19.38	−28 5.4	1.492	2.478	7.3	19.7
7 10	17 10.21	−27 51.6	1.531	2.468	11.6	19.9
7 20	17 3.75	−27 35.2	1.591	2.456	15.5	20.1

314041 2005 AT_2 6 15.4 168°.29 1°.7/15.5 17

5 11	18 7.71	−27 41.5	1.827	2.670	14.5	21.8
5 21	18 1.38	−27 51.1	1.752	2.674	11.1	21.5
5 31	17 52.45	−27 56.1	1.700	2.678	7.1	21.3
6 10	17 41.77	−27 54.2	1.672	2.682	3.0	21.1
6 20	17 30.44	−27 44.5	1.673	2.684	2.7	21.0
6 30	17 19.75	−27 27.7	1.700	2.686	6.7	21.3
7 10	17 10.82	−27 6.5	1.753	2.687	10.6	21.5
7 20	17 4.40	−26 44.0	1.829	2.687	14.1	21.8

504184 2006 TW_{16} 6 15.4 257°.04 1°.4/15.2 18

5 11	18 4.63	−20 19.8	1.866	2.713	14.1	22.5
5 21	17 59.19	−20 8.4	1.766	2.691	10.8	22.3
5 31	17 51.23	−19 57.5	1.688	2.669	6.9	22.0
6 10	17 41.41	−19 47.1	1.637	2.647	2.8	21.7
6 20	17 30.67	−19 37.2	1.612	2.623	2.6	21.6
6 30	17 20.20	−19 28.8	1.614	2.599	7.0	21.8
7 10	17 11.14	−19 23.1	1.642	2.575	11.3	22.0
7 20	17 4.36	−19 21.6	1.692	2.550	15.1	22.2

110330 2001 SY_{287} 6 15.4 130°.14 6°.7/15.5 17

5 11	18 2.73	− 4 55.1	1.884	2.706	14.9	19.7
5 21	17 57.24	− 4 37.1	1.818	2.715	12.1	19.5
5 31	17 49.68	− 4 32.6	1.774	2.724	9.2	19.3
6 10	17 40.75	− 4 43.7	1.754	2.732	7.1	19.2
6 20	17 31.34	− 5 11.0	1.760	2.740	7.0	19.2
6 30	17 22.44	− 5 53.7	1.792	2.748	8.9	19.4
7 10	17 14.95	− 6 49.1	1.849	2.755	11.7	19.5
7 20	17 9.48	− 7 53.9	1.927	2.762	14.4	19.7

41267 1999 XK_{60} 6 15.4 201°.90 0°.7/15.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	17 59.04	−21 25.1	2.804	3.642	10.1	19.8
5 21	17 54.02	−21 17.0	2.718	3.639	7.6	19.6
5 31	17 47.49	−21 8.7	2.656	3.636	4.8	19.4
6 10	17 39.95	−21 0.2	2.622	3.632	1.8	19.2
6 20	17 32.02	−20 51.6	2.616	3.629	1.7	19.2
6 30	17 24.40	−20 43.4	2.640	3.624	4.7	19.4
7 10	17 17.73	−20 36.5	2.690	3.620	7.6	19.6
7 20	17 12.52	−20 31.6	2.766	3.615	10.1	19.8

415060 2012 BH_{26} 6 15.4 215°.68 2°.7/15.4 17

5 11	18 8.13	−28 36.0	1.795	2.637	14.7	21.9
5 21	18 2.03	−29 12.5	1.709	2.630	11.4	21.7
5 31	17 53.10	−29 45.7	1.645	2.622	7.5	21.4
6 10	17 42.08	−30 12.0	1.607	2.614	3.7	21.2
6 20	17 30.12	−30 28.1	1.596	2.604	3.5	21.1
6 30	17 18.58	−30 33.4	1.612	2.595	7.3	21.3
7 10	17 8.78	−30 29.6	1.653	2.584	11.3	21.6
7 20	17 1.63	−30 20.2	1.716	2.573	14.9	21.8

175863 1999 VA_{65} 6 15.4 142°.51 0°.5/15.3 17

5 11	18 5.65	−22 27.2	1.830	2.677	14.3	20.9
5 21	17 59.64	−22 21.7	1.761	2.687	10.8	20.7
5 31	17 51.26	−22 15.4	1.714	2.695	6.8	20.4
6 10	17 41.32	−22 7.8	1.692	2.704	2.4	20.2
6 20	17 30.87	−21 58.6	1.698	2.711	2.2	20.2
6 30	17 21.04	−21 48.8	1.732	2.718	6.5	20.5
7 10	17 12.86	−21 39.9	1.790	2.725	10.4	20.7
7 20	17 7.01	−21 33.5	1.872	2.731	13.8	20.9

64966 2001 YB_{157} 6 15.4 344°.71 2°.3/15.3 18

5 11	18 1.66	−27 47.0	2.110	2.956	12.7	19.1
5 21	17 56.67	−28 27.5	2.031	2.954	9.7	18.9
5 31	17 49.47	−29 5.9	1.975	2.953	6.4	18.7
6 10	17 40.73	−29 39.4	1.944	2.951	3.1	18.5
6 20	17 31.34	−30 5.6	1.941	2.950	2.9	18.5
6 30	17 22.33	−30 23.6	1.966	2.949	6.1	18.7
7 10	17 14.67	−30 34.4	2.016	2.948	9.5	18.9
7 20	17 9.09	−30 39.7	2.089	2.948	12.6	19.1

193282 2000 SU_{215} 6 15.4 250°.16 4°.5/14.6 18

5 11	17 58.54	−11 7.8	2.296	3.131	12.2	20.6
5 21	17 53.89	−10 31.0	2.214	3.126	9.6	20.4
5 31	17 47.52	− 9 59.9	2.155	3.120	6.9	20.3
6 10	17 39.99	− 9 36.6	2.123	3.115	4.8	20.1
6 20	17 32.01	− 9 22.6	2.117	3.109	4.9	20.1
6 30	17 24.37	− 9 18.9	2.138	3.104	7.1	20.2
7 10	17 17.81	− 9 25.5	2.185	3.098	9.9	20.4
7 20	17 12.89	− 9 41.5	2.254	3.092	12.5	20.6

283157 2009 BL_{60} 6 15.4 121°.45 6°.3/15.4 18

5 11	18 0.32	− 4 36.0	2.153	2.972	13.4	20.6
5 21	17 55.23	− 4 19.1	2.085	2.978	10.9	20.4
5 31	17 48.34	− 4 14.4	2.038	2.985	8.4	20.3
6 10	17 40.27	− 4 23.7	2.016	2.991	6.6	20.2
6 20	17 31.79	− 4 47.7	2.020	2.998	6.5	20.2
6 30	17 23.72	− 5 25.7	2.051	3.004	8.2	20.3
7 10	17 16.84	− 6 15.6	2.108	3.010	10.7	20.5
7 20	17 11.71	− 7 14.6	2.186	3.016	13.1	20.7

419739 2010 VY_{70} 6 15.4 235°.28 2°.9/15.2 18

5 11	18 4.48	−15 33.8	1.886	2.728	14.1	21.8
5 21	17 58.93	−15 29.2	1.794	2.715	10.9	21.5
5 31	17 50.99	−15 30.0	1.725	2.701	7.3	21.3
6 10	17 41.32	−15 36.5	1.681	2.687	3.7	21.0
6 20	17 30.83	−15 48.7	1.664	2.672	3.6	21.0
6 30	17 20.65	−16 6.6	1.675	2.656	7.2	21.2
7 10	17 11.85	−16 29.9	1.711	2.640	11.2	21.4
7 20	17 5.24	−16 58.1	1.769	2.623	14.7	21.6

490157 2008 UY_{201} 6 15.4 243°.35 2°.6/15.0 17

5 11	18 1.20	−17 15.5	1.944	2.793	13.5	22.1
5 21	17 56.26	−16 52.7	1.862	2.787	10.3	21.8
5 31	17 49.17	−16 32.5	1.803	2.782	6.8	21.6
6 10	17 40.63	−16 15.8	1.769	2.776	3.4	21.4
6 20	17 31.49	−16 3.6	1.762	2.769	3.4	21.4
6 30	17 22.77	−15 57.0	1.781	2.763	6.8	21.6
7 10	17 15.41	−15 56.6	1.826	2.757	10.5	21.8
7 20	17 10.07	−16 2.7	1.893	2.750	13.8	22.0

348601 2005 XD_{20} 6 15.4 190°.51 1°.3/15.6 18

5 11	18 0.85	−28 46.7	2.857	3.688	10.1	21.3
5 21	17 55.39	−28 37.7	2.771	3.687	7.7	21.1
5 31	17 48.34	−28 24.1	2.709	3.685	5.0	20.9
6 10	17 40.27	−28 5.2	2.675	3.684	2.2	20.7
6 20	17 31.83	−27 41.0	2.670	3.682	1.9	20.7
6 30	17 23.76	−27 12.6	2.695	3.679	4.6	20.9
7 10	17 16.75	−26 41.8	2.746	3.676	7.4	21.1
7 20	17 11.28	−26 10.7	2.823	3.673	9.9	21.2

211178 2002 JC_{63} 6 15.4 2°.05 3°.3/15.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	17 53.27	−14 28.7	0.859	1.764	21.0	18.4
5 21	17 52.16	−15 1.0	0.805	1.760	16.2	18.1
5 31	17 47.48	−15 49.8	0.768	1.758	10.7	17.8
6 10	17 40.21	−16 54.4	0.748	1.759	5.0	17.5
6 20	17 31.84	−18 10.9	0.749	1.762	4.3	17.5
6 30	17 24.26	−19 33.6	0.770	1.767	9.8	17.8
7 10	17 19.15	−20 57.0	0.810	1.775	15.4	18.1
7 20	17 17.53	−22 16.8	0.867	1.785	20.2	18.5

472310 2014 YP_{4} 6 15.4 29°.66 8°.2/16.3 16

5 11	18 0.01	− 4 0.0	1.326	2.174	18.6	20.4
5 21	17 55.85	− 3 52.2	1.275	2.187	15.1	20.2
5 31	17 49.07	− 4 4.6	1.243	2.201	11.6	20.0
6 10	17 40.60	− 4 39.5	1.233	2.216	8.8	19.9
6 20	17 31.59	− 5 36.5	1.245	2.232	8.4	19.9
6 30	17 23.32	− 6 52.1	1.281	2.248	10.6	20.1
7 10	17 16.90	− 8 21.1	1.340	2.266	13.8	20.3
7 20	17 13.02	− 9 57.5	1.418	2.284	17.0	20.6

107469 2001 DB_{30} 6 15.4 82°.83 3°.7/15.7 17

5 11	18 8.38	−31 6.9	1.494	2.345	16.7	20.0
5 21	18 2.29	−31 38.4	1.440	2.364	12.9	19.8
5 31	17 53.16	−32 2.2	1.406	2.382	8.6	19.6
6 10	17 42.05	−32 14.2	1.396	2.400	4.7	19.4
6 20	17 30.37	−32 12.2	1.412	2.419	4.3	19.5
6 30	17 19.66	−31 57.2	1.453	2.436	7.9	19.7
7 10	17 11.21	−31 33.2	1.518	2.454	11.8	20.0
7 20	17 5.76	−31 5.0	1.604	2.472	15.3	20.2

170640 2003 YO_{92} 6 15.4 322°.49 2°.8/15.2 18

5 11	18 1.75	−26 56.0	1.627	2.487	15.1	19.4
5 21	17 57.51	−27 49.5	1.542	2.473	11.7	19.1
5 31	17 50.43	−28 43.0	1.478	2.459	7.7	18.9
6 10	17 41.22	−29 32.6	1.438	2.446	3.7	18.6
6 20	17 30.94	−30 14.3	1.424	2.433	3.6	18.5
6 30	17 20.99	−30 45.7	1.435	2.421	7.6	18.8
7 10	17 12.71	−31 7.2	1.470	2.409	11.9	19.0
7 20	17 7.10	−31 21.0	1.526	2.398	15.7	19.2

166313 2002 JM_{45} 6 15.4 120°.86 1°.7/15.5 17

5 11	18 8.07	−27 12.4	1.653	2.501	15.5	20.7
5 21	18 1.76	−27 26.4	1.590	2.515	11.8	20.5
5 31	17 52.72	−27 36.1	1.548	2.528	7.5	20.3
6 10	17 41.89	−27 39.1	1.532	2.541	3.2	20.1
6 20	17 30.50	−27 34.1	1.542	2.554	2.7	20.1
6 30	17 19.90	−27 21.9	1.579	2.566	7.0	20.4
7 10	17 11.27	−27 5.4	1.641	2.578	11.0	20.6
7 20	17 5.33	−26 47.7	1.725	2.589	14.6	20.9

520926 2014 WS_{533} 6 15.4 355°.37 10°.7/15.6 17

5 11	17 59.06	+ 0 23.7	1.458	2.287	18.2	21.0
5 21	17 55.10	+ 1 7.6	1.393	2.285	15.4	20.8
5 31	17 48.65	+ 1 30.8	1.347	2.283	12.8	20.6
6 10	17 40.49	+ 1 28.1	1.322	2.281	11.0	20.5
6 20	17 31.65	+ 0 57.2	1.319	2.280	10.9	20.5
6 30	17 23.34	− 0 1.2	1.338	2.280	12.6	20.6
7 10	17 16.65	− 1 22.6	1.379	2.280	15.2	20.7
7 20	17 12.34	− 3 0.5	1.439	2.281	18.0	20.9

232443 2003 FQ_{93} 6 15.4 4°.33 21°.3/10.3 17

5 11	18 18.62	−61 12.2	1.288	2.049	23.6	19.0
5 21	18 16.19	−64 42.7	1.250	2.048	22.4	18.9
5 31	18 5.99	−67 43.9	1.227	2.049	21.6	18.9
6 10	17 47.91	−69 58.7	1.221	2.051	21.3	18.8
6 20	17 24.61	−71 13.3	1.230	2.054	21.6	18.9
6 30	17 1.97	−71 24.7	1.253	2.059	22.3	18.9
7 10	16 45.97	−70 43.2	1.290	2.065	23.2	19.0
7 20	16 39.31	−69 24.8	1.337	2.073	24.3	19.1

31691 1999 JO_{30} 6 15.4 114°.69 0°.4/15.3 18

5 11	18 1.38	−23 49.4	2.197	3.042	12.3	18.7
5 21	17 56.10	−23 24.8	2.122	3.048	9.3	18.5
5 31	17 48.92	−22 57.5	2.071	3.053	5.8	18.3
6 10	17 40.51	−22 27.8	2.046	3.058	2.1	18.0
6 20	17 31.70	−21 56.7	2.050	3.063	1.8	18.0
6 30	17 23.41	−21 25.6	2.081	3.067	5.6	18.3
7 10	17 16.43	−20 56.7	2.138	3.072	9.0	18.5
7 20	17 11.34	−20 31.7	2.219	3.077	12.0	18.7

442118 2010 TP_{174} 6 15.4 255°.34 2°.4/15.6 17

5 11	18 1.81	−31 7.1	2.839	3.666	10.3	22.1
5 21	17 56.39	−31 28.3	2.735	3.647	8.0	22.0
5 31	17 49.16	−31 45.3	2.656	3.626	5.4	21.8
6 10	17 40.64	−31 55.9	2.603	3.606	3.0	21.6
6 20	17 31.53	−31 58.8	2.579	3.585	2.8	21.5
6 30	17 22.62	−31 54.0	2.584	3.563	5.2	21.7
7 10	17 14.71	−31 42.5	2.617	3.541	8.0	21.8
7 20	17 8.42	−31 26.4	2.673	3.519	10.6	21.9

334035 2001 AY_{22} 6 15.4 257.°60 0.°5/15.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 3.62	−24 32.4	1.957	2.804	13.5	20.0
5 21	17 58.17	−23 53.1	1.866	2.792	10.3	19.7
5 31	17 50.43	−23 8.7	1.798	2.779	6.5	19.5
6 10	17 41.11	−22 19.8	1.755	2.767	2.3	19.2
6 20	17 31.17	−21 27.8	1.741	2.754	2.2	19.2
6 30	17 21.69	−20 35.6	1.754	2.740	6.4	19.4
7 10	17 13.69	−19 46.6	1.793	2.727	10.4	19.6
7 20	17 7.87	−19 3.6	1.855	2.713	13.9	19.8

237513 2000 RK_{100} 6 15.4 271.°98 5.°4/13.7 18

5 11	18 2.48	−13 14.5	1.897	2.739	14.1	20.1
5 21	17 57.36	−11 56.0	1.801	2.718	11.1	19.8
5 31	17 49.98	−10 38.7	1.728	2.696	8.0	19.6
6 10	17 40.98	− 9 26.5	1.681	2.674	5.7	19.4
6 20	17 31.26	− 8 23.6	1.661	2.652	6.1	19.4
6 30	17 21.86	− 7 33.8	1.667	2.630	9.0	19.5
7 10	17 13.78	− 6 59.4	1.698	2.607	12.4	19.7
7 20	17 7.78	− 6 41.0	1.750	2.584	15.7	19.8

359014 2008 UG_{256} 6 15.4 96.°39 3.°3/15.0 17

5 11	18 5.10	−17 53.5	1.341	2.204	17.5	20.9
5 21	17 59.84	−17 19.1	1.280	2.213	13.4	20.6
5 31	17 51.67	−16 47.6	1.239	2.221	8.7	20.4
6 10	17 41.57	−16 20.8	1.221	2.229	4.3	20.2
6 20	17 30.85	−16 0.3	1.228	2.237	4.2	20.2
6 30	17 20.95	−15 47.9	1.260	2.245	8.6	20.4
7 10	17 13.13	−15 44.6	1.315	2.253	13.1	20.7
7 20	17 8.15	−15 50.5	1.389	2.260	17.0	21.0

221566 2006 UZ_{325} 6 15.4 246.°70 0.°5/15.3 18

5 11	18 4.10	−21 46.5	1.896	2.743	13.8	21.0
5 21	17 58.73	−21 48.3	1.803	2.729	10.6	20.7
5 31	17 50.92	−21 50.5	1.733	2.715	6.7	20.5
6 10	17 41.35	−21 52.3	1.688	2.699	2.5	20.2
6 20	17 30.96	−21 53.1	1.671	2.684	2.2	20.1
6 30	17 20.90	−21 53.1	1.680	2.668	6.6	20.4
7 10	17 12.28	−21 53.4	1.716	2.651	10.7	20.6
7 20	17 5.90	−21 55.3	1.773	2.634	14.4	20.8

39911 1998 FD_{38} 6 15.4 222.°31 5.°0/15.8 18

5 11	18 8.47	−34 39.0	1.691	2.529	15.7	18.8
5 21	18 2.58	−35 12.2	1.610	2.523	12.4	18.6
5 31	17 53.57	−35 36.0	1.550	2.517	8.8	18.4
6 10	17 42.33	−35 45.7	1.514	2.510	5.7	18.2
6 20	17 30.14	−35 38.2	1.503	2.503	5.4	18.1
6 30	17 18.57	−35 13.7	1.519	2.496	8.3	18.3
7 10	17 9.02	−34 36.2	1.559	2.488	12.0	18.5
7 20	17 2.44	−33 51.6	1.620	2.479	15.6	18.7

112721 2002 PA_{118} 6 15.4 242.°58 1.°3/15.2 18

5 11	18 4.28	−21 32.8	1.745	2.597	14.6	20.2
5 21	17 58.95	−21 8.5	1.658	2.587	11.2	20.0
5 31	17 51.07	−20 42.9	1.594	2.576	7.1	19.7
6 10	17 41.41	−20 16.3	1.554	2.564	2.8	19.4
6 20	17 30.97	−19 49.5	1.540	2.553	2.6	19.4
6 30	17 21.00	−19 24.4	1.554	2.540	7.1	19.6
7 10	17 12.63	−19 3.2	1.592	2.528	11.4	19.8
7 20	17 6.65	−18 47.7	1.653	2.515	15.1	20.0

414182 2008 CF_{39} 6 15.4 217.°97 2.°6/15.2 17

5 11	18 4.71	−16 22.1	1.934	2.775	13.9	22.1
5 21	17 59.02	−16 14.4	1.846	2.767	10.7	21.9
5 31	17 51.01	−16 10.9	1.781	2.758	7.0	21.7
6 10	17 41.37	−16 12.0	1.741	2.748	3.5	21.4
6 20	17 31.01	−16 17.8	1.729	2.737	3.4	21.4
6 30	17 21.00	−16 28.5	1.745	2.726	7.0	21.6
7 10	17 12.39	−16 44.2	1.786	2.715	10.8	21.8
7 20	17 5.91	−17 4.8	1.850	2.702	14.2	22.0

311211 2004 YG_{20} 6 15.4 161.°34 0.°3/15.4 17

5 11	18 6.91	−24 28.0	1.769	2.616	14.7	21.7
5 21	18 0.78	−24 24.0	1.696	2.621	11.2	21.5
5 31	17 52.11	−24 17.6	1.645	2.626	7.0	21.3
6 10	17 41.73	−24 7.5	1.620	2.631	2.5	21.0
6 20	17 30.75	−23 53.5	1.621	2.635	2.1	21.0
6 30	17 20.41	−23 36.7	1.650	2.638	6.6	21.3
7 10	17 11.82	−23 19.3	1.705	2.640	10.8	21.5
7 20	17 5.70	−23 3.7	1.781	2.642	14.3	21.8

18797 1999 JT_{64} 6 15.4 306.°76 1.°2/15.3 18 R

5 11	18 0.76	−19 57.1	1.552	2.416	15.5	18.4
5 21	17 56.82	−20 2.1	1.455	2.390	12.0	18.1
5 31	17 50.07	−20 10.3	1.380	2.364	7.7	17.8
6 10	17 41.16	−20 21.3	1.328	2.339	3.0	17.5
6 20	17 31.13	−20 34.3	1.301	2.314	2.7	17.4
6 30	17 21.31	−20 49.0	1.299	2.289	7.7	17.6
7 10	17 13.06	−21 5.8	1.320	2.264	12.5	17.8
7 20	17 7.38	−21 25.1	1.362	2.240	16.9	18.0

467601 2007 VE_{257} 6 15.4 177.°52 1.°8/15.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 5.76	−18 4.5	1.841	2.685	14.3	22.1
5 21	17 59.83	−18 8.3	1.764	2.687	10.9	21.9
5 31	17 51.50	−18 15.7	1.709	2.688	7.0	21.6
6 10	17 41.54	−18 26.3	1.680	2.689	3.0	21.4
6 20	17 30.92	−18 39.6	1.679	2.690	2.8	21.4
6 30	17 20.79	−18 55.2	1.704	2.689	6.8	21.6
7 10	17 12.20	−19 13.1	1.756	2.688	10.7	21.8
7 20	17 5.89	−19 33.7	1.830	2.686	14.2	22.1

305834 2009 DK_{136} 6 15.4 104.°95 5.°6/15.6 18

5 11	17 59.60	− 5 26.8	2.276	3.095	12.8	20.0
5 21	17 54.68	− 5 21.2	2.202	3.098	10.3	19.8
5 31	17 48.04	− 5 27.0	2.151	3.102	7.8	19.7
6 10	17 40.26	− 5 45.7	2.125	3.105	5.9	19.6
6 20	17 32.05	− 6 17.4	2.126	3.108	5.8	19.6
6 30	17 24.19	− 7 1.2	2.154	3.112	7.6	19.7
7 10	17 17.44	− 7 55.2	2.208	3.115	10.0	19.8
7 20	17 12.33	− 8 56.7	2.285	3.118	12.5	20.0

505759 2015 BG_{128} 6 15.4 293.°40 1.°6/15.4 18

5 11	18 3.41	−18 58.3	1.458	2.320	16.4	20.7
5 21	17 59.13	−19 7.5	1.357	2.291	12.7	20.4
5 31	17 51.74	−19 21.8	1.277	2.261	8.3	20.1
6 10	17 41.86	−19 40.7	1.220	2.231	3.4	19.7
6 20	17 30.58	−20 3.2	1.188	2.201	3.0	19.6
6 30	17 19.38	−20 28.2	1.181	2.170	8.4	19.8
7 10	17 9.80	−20 55.6	1.197	2.140	13.6	20.0
7 20	17 3.05	−21 25.5	1.232	2.109	18.3	20.2

127259 2002 JG_{45} 6 15.4 74.°19 2.°8/15.0 16

5 11	18 3.64	−17 50.5	1.732	2.583	14.8	20.3
5 21	17 58.00	−17 15.5	1.680	2.606	11.2	20.1
5 31	17 50.17	−16 43.0	1.649	2.629	7.2	19.9
6 10	17 41.01	−16 14.6	1.644	2.651	3.6	19.7
6 20	17 31.55	−15 51.5	1.666	2.674	3.5	19.8
6 30	17 22.85	−15 35.2	1.714	2.696	7.0	20.0
7 10	17 15.81	−15 26.5	1.787	2.718	10.6	20.3
7 20	17 11.00	−15 25.6	1.882	2.740	13.8	20.6

357414 2003 XE 6 15.4 131.°39 2.°7/15.9 18

5 11	18 24.92	−11 30.6	1.303	2.125	20.3	21.4
5 21	18 15.04	−12 54.0	1.243	2.152	15.7	21.2
5 31	18 1.41	−14 34.6	1.204	2.176	10.2	20.9
6 10	17 45.16	−16 26.6	1.192	2.199	4.6	20.7
6 20	17 27.98	−18 21.8	1.209	2.219	3.7	20.7
6 30	17 11.85	−20 12.3	1.255	2.238	8.9	21.0
7 10	16 58.45	−21 53.4	1.328	2.255	13.9	21.4
7 20	16 48.78	−23 23.8	1.424	2.269	18.0	21.7

7208 Ashurbanipal 6 15.4 28.°59 0.°8/15.4 18

5 11	18 3.74	−21 19.3	1.144	2.022	18.9	17.0
5 21	17 59.48	−21 25.2	1.084	2.025	14.4	16.7
5 31	17 51.81	−21 33.2	1.042	2.029	9.1	16.4
6 10	17 41.78	−21 42.2	1.022	2.034	3.3	16.1
6 20	17 30.85	−21 50.9	1.025	2.039	2.9	16.1
6 30	17 20.77	−21 59.3	1.051	2.044	8.6	16.5
7 10	17 13.06	−22 8.6	1.099	2.049	13.8	16.8
7 20	17 8.61	−22 19.9	1.166	2.055	18.3	17.0

1469 Linzia 6 15.4 233.°74 5.°7/14.4 18

5 11	17 58.00	− 6 35.0	2.447	3.268	11.9	15.0
5 21	17 53.42	− 5 49.9	2.367	3.264	9.7	14.9
5 31	17 47.24	− 5 12.7	2.310	3.259	7.5	14.7
6 10	17 40.01	− 4 46.1	2.279	3.255	5.9	14.6
6 20	17 32.36	− 4 31.9	2.275	3.250	6.0	14.6
6 30	17 25.04	− 4 31.0	2.297	3.245	7.7	14.7
7 10	17 18.70	− 4 43.0	2.345	3.240	10.0	14.9
7 20	17 13.86	− 5 6.5	2.414	3.235	12.3	15.0

172201 2002 QU_{30} 6 15.4 310.°06 1.°0/15.4 18

5 11	18 0.13	−20 49.0	1.661	2.523	14.8	20.6
5 21	17 56.18	−20 50.6	1.563	2.496	11.4	20.4
5 31	17 49.60	−20 53.9	1.486	2.470	7.3	20.1
6 10	17 41.03	−20 58.5	1.433	2.444	2.8	19.7
6 20	17 31.43	−21 4.0	1.405	2.418	2.5	19.6
6 30	17 22.05	−21 10.4	1.403	2.393	7.3	19.9
7 10	17 14.14	−21 18.5	1.425	2.368	11.9	20.1
7 20	17 8.64	−21 29.0	1.468	2.344	16.0	20.3

353671 2011 UU_{205} 6 15.4 171.°72 3.°8/15.2 18

5 11	17 59.34	−10 42.6	2.557	3.385	11.3	21.5
5 21	17 54.35	−10 32.6	2.478	3.386	8.9	21.3
5 31	17 47.80	−10 29.2	2.424	3.388	6.3	21.2
6 10	17 40.21	−10 33.5	2.395	3.389	4.2	21.0
6 20	17 32.23	−10 45.8	2.395	3.390	4.1	21.0
6 30	17 24.56	−11 5.9	2.422	3.391	6.2	21.2
7 10	17 17.89	−11 33.1	2.476	3.392	8.8	21.3
7 20	17 12.70	−12 6.3	2.554	3.392	11.2	21.5

472993 2015 HT_{21} 6 15.4 157°.68 4°.9/14.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 1.33	−10 37.4	2.044	2.879	13.4	21.2
5 21	17 56.16	−10 1.2	1.972	2.883	10.6	21.0
5 31	17 49.06	− 9 32.0	1.922	2.887	7.6	20.9
6 10	17 40.68	− 9 12.3	1.898	2.890	5.3	20.7
6 20	17 31.85	− 9 3.3	1.901	2.893	5.4	20.7
6 30	17 23.47	− 9 5.9	1.930	2.895	7.7	20.9
7 10	17 16.36	− 9 19.7	1.984	2.898	10.7	21.1
7 20	17 11.13	− 9 43.3	2.060	2.900	13.5	21.3

504058 2005 YH_{19} 6 15.4 222°.46 0°.1/15.4 17

5 11	18 4.71	−22 55.9	2.339	3.174	11.9	24.2
5 21	17 58.79	−23 7.7	2.243	3.163	9.1	24.0
5 31	17 50.81	−23 19.3	2.171	3.150	5.8	23.7
6 10	17 41.35	−23 29.5	2.126	3.137	2.1	23.5
6 20	17 31.23	−23 37.5	2.110	3.123	1.8	23.4
6 30	17 21.38	−23 43.0	2.123	3.108	5.6	23.6
7 10	17 12.72	−23 46.7	2.163	3.093	9.1	23.8
7 20	17 5.93	−23 50.0	2.226	3.077	12.2	24.0

273700 2007 EQ_{42} 6 15.4 284°.45 5°.4/15.7 17

5 11	18 5.54	−34 54.3	1.706	2.548	15.4	20.5
5 21	18 0.48	−35 37.6	1.622	2.536	12.3	20.3
5 31	17 52.37	−36 12.6	1.558	2.525	8.8	20.1
6 10	17 42.02	−36 34.3	1.518	2.513	6.0	19.9
6 20	17 30.64	−36 38.9	1.504	2.501	5.7	19.8
6 30	17 19.74	−36 25.9	1.514	2.489	8.5	20.0
7 10	17 10.74	−35 58.5	1.549	2.478	12.1	20.1
7 20	17 4.61	−35 22.0	1.605	2.466	15.6	20.3

308063 2004 TV_{153} 6 15.4 109°.54 5°.4/15.7 17

5 11	18 9.06	−33 31.7	1.433	2.283	17.4	20.8
5 21	18 3.36	−34 23.1	1.369	2.289	13.7	20.6
5 31	17 54.21	−35 5.9	1.325	2.296	9.6	20.3
6 10	17 42.65	−35 34.0	1.304	2.302	6.2	20.2
6 20	17 30.17	−35 43.3	1.308	2.308	5.9	20.2
6 30	17 18.54	−35 33.7	1.336	2.314	9.0	20.4
7 10	17 9.29	−35 9.6	1.388	2.320	13.0	20.6
7 20	17 3.36	−34 36.9	1.460	2.326	16.6	20.8

133102 2003 OF_{6} 6 15.4 285°.17 5°.4/14.8 18

5 11	18 2.01	−13 2.8	1.442	2.301	16.8	19.8
5 21	17 57.71	−12 21.6	1.357	2.284	13.2	19.5
5 31	17 50.58	−11 46.8	1.293	2.268	9.3	19.3
6 10	17 41.38	−11 21.5	1.251	2.251	6.0	19.0
6 20	17 31.19	−11 8.5	1.234	2.234	6.1	19.0
6 30	17 21.39	−11 9.5	1.240	2.217	9.7	19.1
7 10	17 13.27	−11 24.7	1.269	2.201	14.0	19.3
7 20	17 7.79	−11 52.8	1.318	2.184	18.0	19.5

210224 2007 RX_{93} 6 15.4 156°.18 0°.8/15.4 17

5 11	18 5.96	−21 20.2	1.627	2.480	15.5	21.2
5 21	18 0.27	−21 19.3	1.556	2.484	11.8	21.0
5 31	17 51.92	−21 19.1	1.506	2.489	7.4	20.7
6 10	17 41.77	−21 18.8	1.481	2.493	2.8	20.4
6 20	17 30.94	−21 18.0	1.483	2.496	2.4	20.4
6 30	17 20.74	−21 17.2	1.511	2.499	7.1	20.7
7 10	17 12.34	−21 17.6	1.564	2.502	11.4	21.0
7 20	17 6.49	−21 20.5	1.638	2.504	15.1	21.2

340295 2006 CX_{7} 6 15.4 188°.46 10°.5/17.7 18

5 11	18 15.26	−52 10.9	2.015	2.780	16.0	20.3
5 21	18 7.98	−52 58.0	1.943	2.779	14.1	20.2
5 31	17 57.05	−53 24.7	1.890	2.779	12.2	20.0
6 10	17 43.63	−53 23.9	1.858	2.778	10.8	19.9
6 20	17 29.40	−52 51.8	1.850	2.778	10.5	19.9
6 30	17 16.27	−51 49.5	1.865	2.777	11.4	20.0
7 10	17 5.84	−50 23.2	1.904	2.776	13.1	20.1
7 20	16 58.96	−48 41.8	1.964	2.774	15.1	20.2

392601 2011 SS_{227} 6 15.4 307°.26 4°.6/15.9 18

5 11	18 3.44	−35 30.1	2.068	2.901	13.4	20.7
5 21	17 58.26	−35 59.0	1.987	2.896	10.6	20.5
5 31	17 50.63	−36 19.3	1.928	2.892	7.6	20.3
6 10	17 41.31	−36 27.4	1.894	2.888	5.1	20.1
6 20	17 31.31	−36 21.4	1.887	2.884	4.9	20.1
6 30	17 21.81	−36 1.5	1.906	2.880	7.2	20.2
7 10	17 13.89	−35 30.6	1.950	2.876	10.2	20.4
7 20	17 8.30	−34 52.9	2.017	2.872	13.1	20.6

65119 2002 CF_{53} 6 15.4 317°.64 10°.6/14.9 18

5 11	17 57.74	+ 7 28.9	2.176	2.948	14.8	19.0
5 21	17 53.44	+ 8 16.3	2.104	2.941	13.1	18.8
5 31	17 47.36	+ 8 44.9	2.051	2.934	11.6	18.7
6 10	17 40.10	+ 8 50.8	2.020	2.927	10.7	18.6
6 20	17 32.35	+ 8 31.6	2.012	2.921	10.8	18.6
6 30	17 24.93	+ 7 47.2	2.027	2.914	11.7	18.7
7 10	17 18.60	+ 6 40.4	2.064	2.908	13.3	18.8
7 20	17 13.94	+ 5 15.7	2.121	2.902	15.1	18.9

422829 2002 CT_{150} 6 15.4 100°.63 3°.5/15.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 6.51	−32 24.0	1.877	2.715	14.3	21.3
5 21	18 0.46	−32 42.1	1.813	2.730	11.1	21.2
5 31	17 51.89	−32 52.2	1.772	2.744	7.5	21.0
6 10	17 41.71	−32 51.4	1.756	2.758	4.3	20.8
6 20	17 31.03	−32 38.6	1.766	2.771	3.9	20.8
6 30	17 21.10	−32 14.7	1.803	2.784	6.8	21.0
7 10	17 12.97	−31 43.3	1.866	2.798	10.2	21.2
7 20	17 7.33	−31 8.3	1.951	2.810	13.3	21.5

505406 2013 QY_{78} 6 15.4 329°.86 2°.5/15.6 17

5 11	17 59.66	−28 17.5	1.176	2.057	18.3	21.2
5 21	17 56.80	−28 27.8	1.097	2.040	14.2	20.9
5 31	17 50.43	−28 32.2	1.037	2.023	9.3	20.5
6 10	17 41.42	−28 27.5	0.998	2.008	4.2	20.2
6 20	17 31.16	−28 11.9	0.981	1.993	3.7	20.1
6 30	17 21.47	−27 46.4	0.987	1.980	8.9	20.4
7 10	17 14.04	−27 15.0	1.013	1.967	14.2	20.6
7 20	17 10.00	−26 42.5	1.058	1.956	19.0	20.8

478028 2011 SN_{233} 6 15.4 142°.15 1°.4/15.7 17

5 11	18 2.03	−28 46.3	2.297	3.137	12.0	20.9
5 21	17 56.67	−28 36.3	2.219	3.139	9.2	20.7
5 31	17 49.36	−28 20.9	2.164	3.141	5.9	20.5
6 10	17 40.79	−27 59.2	2.135	3.144	2.6	20.3
6 20	17 31.80	−27 31.3	2.134	3.146	2.1	20.3
6 30	17 23.30	−26 58.7	2.162	3.148	5.4	20.5
7 10	17 16.12	−26 23.8	2.216	3.150	8.7	20.7
7 20	17 10.85	−25 49.2	2.293	3.152	11.6	20.9

366566 2002 RH_{259} 6 15.4 235°.29 0°.1/15.4 18

5 11	18 5.36	−23 57.6	1.945	2.790	13.7	22.5
5 21	17 59.67	−23 55.6	1.852	2.777	10.4	22.2
5 31	17 51.54	−23 51.7	1.782	2.763	6.6	22.0
6 10	17 41.67	−23 45.0	1.738	2.749	2.4	21.7
6 20	17 31.00	−23 34.8	1.721	2.734	2.0	21.6
6 30	17 20.70	−23 21.9	1.731	2.718	6.4	21.9
7 10	17 11.87	−23 8.1	1.768	2.702	10.5	22.1
7 20	17 5.29	−22 55.5	1.827	2.686	14.1	22.3

170940 2005 AF_{45} 6 15.4 216°.41 0°.6/15.4 17

5 11	18 6.41	−21 23.0	1.868	2.712	14.2	21.6
5 21	18 0.50	−21 28.1	1.780	2.704	10.8	21.4
5 31	17 52.08	−21 34.1	1.715	2.695	6.9	21.1
6 10	17 41.87	−21 40.0	1.675	2.686	2.5	20.8
6 20	17 30.85	−21 44.9	1.662	2.675	2.2	20.8
6 30	17 20.21	−21 48.9	1.677	2.664	6.7	21.1
7 10	17 11.10	−21 52.9	1.718	2.652	10.8	21.3
7 20	17 4.31	−21 58.2	1.782	2.639	14.4	21.5

510595 2012 SQ_{64} 6 15.4 276°.39 2°.5/15.9 18

5 11	18 5.56	−31 15.6	2.024	2.861	13.5	21.6
5 21	17 59.97	−31 7.7	1.918	2.835	10.5	21.3
5 31	17 51.81	−30 51.5	1.834	2.808	7.1	21.1
6 10	17 41.79	−30 24.9	1.775	2.781	3.5	20.8
6 20	17 30.89	−29 46.9	1.744	2.753	3.1	20.7
6 30	17 20.32	−28 59.0	1.740	2.725	6.6	20.9
7 10	17 11.25	−28 5.0	1.763	2.697	10.6	21.1
7 20	17 4.52	−27 9.4	1.809	2.668	14.2	21.2

178374 1997 GZ_{2} 6 15.4 299°.39 4°.7/14.8 18

5 11	17 58.17	−10 47.0	2.198	3.036	12.5	20.7
5 21	17 53.77	−10 12.0	2.116	3.029	9.9	20.5
5 31	17 47.58	− 9 43.4	2.058	3.023	7.2	20.3
6 10	17 40.19	− 9 23.3	2.024	3.016	5.0	20.1
6 20	17 32.32	− 9 13.2	2.017	3.010	5.1	20.1
6 30	17 24.78	− 9 14.0	2.037	3.004	7.3	20.3
7 10	17 18.35	− 9 25.6	2.082	2.997	10.2	20.4
7 20	17 13.60	− 9 46.8	2.149	2.991	12.9	20.6

502172 2015 BZ_{59} 6 15.4 196°.92 0°.3/15.4 17

5 11	18 5.19	−22 10.5	1.976	2.820	13.5	22.2
5 21	17 59.38	−22 14.7	1.894	2.818	10.3	22.0
5 31	17 51.26	−22 19.1	1.834	2.814	6.5	21.8
6 10	17 41.54	−22 22.4	1.800	2.811	2.3	21.5
6 20	17 31.17	−22 24.2	1.793	2.807	2.0	21.4
6 30	17 21.23	−22 24.7	1.815	2.802	6.2	21.7
7 10	17 12.74	−22 24.8	1.863	2.796	10.1	21.9
7 20	17 6.44	−22 26.0	1.933	2.790	13.5	22.1

266289 2007 BQ_{31} 6 15.4 244°.84 0°.8/15.4 18

5 11	18 4.40	−21 15.0	1.904	2.751	13.8	21.3
5 21	17 58.99	−21 14.3	1.811	2.736	10.6	21.0
5 31	17 51.15	−21 14.1	1.740	2.721	6.7	20.8
6 10	17 41.55	−21 14.0	1.695	2.706	2.5	20.5
6 20	17 31.13	−21 13.5	1.677	2.690	2.2	20.4
6 30	17 21.04	−21 12.8	1.686	2.673	6.6	20.7
7 10	17 12.37	−21 13.1	1.721	2.656	10.7	20.9
7 20	17 5.92	−21 15.5	1.779	2.639	14.4	21.1

483576 2004 ER_{23} 6 15.4 178°.09 20°.1/14.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 5.25	+15 3.4	1.224	1.994	24.1	21.1
5 21	18 0.25	+17 4.4	1.177	1.995	22.4	20.9
5 31	17 52.15	+18 30.4	1.145	1.996	21.0	20.8
6 10	17 41.92	+19 10.5	1.128	1.997	20.2	20.8
6 20	17 30.88	+18 58.3	1.128	1.997	20.2	20.8
6 30	17 20.57	+17 53.6	1.144	1.996	21.1	20.8
7 10	17 12.36	+16 3.4	1.176	1.995	22.6	20.9
7 20	17 7.11	+13 39.0	1.222	1.994	24.4	21.1

510359 2011 SH_{244} 6 15.4 250°.68 0°.4/15.4 18

5 11	18 0.91	−22 24.9	2.274	3.118	11.9	22.1
5 21	17 55.92	−22 20.3	2.184	3.108	9.1	21.9
5 31	17 48.99	−22 15.0	2.118	3.099	5.7	21.6
6 10	17 40.73	−22 8.7	2.078	3.089	2.1	21.4
6 20	17 31.89	−22 1.4	2.065	3.078	1.8	21.3
6 30	17 23.39	−21 53.6	2.081	3.068	5.5	21.6
7 10	17 16.07	−21 46.4	2.123	3.058	9.0	21.8
7 20	17 10.56	−21 40.9	2.189	3.047	12.1	21.9

47977 2000 WC_{154} 6 15.4 315°.74 5°.1/16.0 18

5 11	18 3.01	−36 59.4	2.032	2.864	13.6	19.2
5 21	17 58.07	−37 27.0	1.947	2.854	10.9	19.0
5 31	17 50.60	−37 44.7	1.884	2.845	8.0	18.8
6 10	17 41.35	−37 48.8	1.846	2.836	5.7	18.6
6 20	17 31.37	−37 37.3	1.833	2.827	5.4	18.6
6 30	17 21.88	−37 10.4	1.847	2.818	7.5	18.7
7 10	17 14.01	−36 31.3	1.885	2.810	10.5	18.9
7 20	17 8.54	−35 44.8	1.946	2.802	13.5	19.1

307153 2002 CR_{284} 6 15.4 118°.78 2°.7/15.8 16

5 11	18 2.55	−32 8.9	2.504	3.334	11.4	21.6
5 21	17 56.98	−32 22.4	2.431	3.343	8.8	21.4
5 31	17 49.54	−32 29.7	2.382	3.352	6.0	21.3
6 10	17 40.89	−32 28.9	2.359	3.361	3.4	21.1
6 20	17 31.83	−32 19.3	2.365	3.369	3.1	21.1
6 30	17 23.25	−32 1.4	2.398	3.378	5.5	21.3
7 10	17 15.95	−31 37.5	2.458	3.386	8.3	21.5
7 20	17 10.49	−31 10.0	2.543	3.394	10.8	21.7

128663 2004 RY_{55} 6 15.4 34°.85 5°.4/16.2 17

5 11	18 6.81	−34 40.5	1.180	2.044	19.4	19.5
5 21	18 2.08	−34 57.5	1.121	2.050	15.3	19.2
5 31	17 53.56	−35 0.7	1.080	2.056	10.7	19.0
6 10	17 42.46	−34 45.2	1.061	2.062	6.5	18.8
6 20	17 30.53	−34 9.1	1.064	2.069	5.9	18.8
6 30	17 19.75	−33 15.6	1.091	2.077	9.5	19.0
7 10	17 11.73	−32 11.8	1.139	2.084	13.9	19.3
7 20	17 7.33	−31 5.8	1.206	2.093	18.0	19.5

188261 2002 YP_{21} 6 15.4 184°.16 1°.0/15.3 17

5 11	18 4.57	−20 56.2	2.020	2.863	13.3	21.6
5 21	17 58.79	−20 47.0	1.940	2.864	10.1	21.4
5 31	17 50.83	−20 38.2	1.883	2.863	6.4	21.1
6 10	17 41.40	−20 29.3	1.852	2.863	2.5	20.9
6 20	17 31.39	−20 20.5	1.849	2.862	2.2	20.9
6 30	17 21.85	−20 12.7	1.874	2.860	6.2	21.1
7 10	17 13.73	−20 6.8	1.925	2.857	9.9	21.3
7 20	17 7.70	−20 4.1	1.999	2.854	13.2	21.6

253887 2004 BK_{54} 6 15.4 212°.35 1°.9/15.6 17

5 11	18 7.06	−28 27.6	2.007	2.845	13.6	22.0
5 21	18 0.94	−28 38.2	1.919	2.838	10.4	21.7
5 31	17 52.33	−28 44.0	1.853	2.830	6.8	21.5
6 10	17 41.98	−28 42.9	1.813	2.821	3.1	21.3
6 20	17 30.88	−28 33.5	1.801	2.812	2.7	21.2
6 30	17 20.23	−28 16.3	1.817	2.802	6.4	21.4
7 10	17 11.13	−27 53.9	1.859	2.792	10.2	21.6
7 20	17 4.36	−27 29.3	1.924	2.780	13.6	21.8

92461 2000 KQ_{43} 6 15.4 265°.83 1°.0/15.4 17

5 11	18 6.38	−24 14.4	1.529	2.385	16.1	20.5
5 21	18 1.29	−24 36.7	1.435	2.366	12.4	20.2
5 31	17 53.05	−24 59.3	1.363	2.346	8.0	19.9
6 10	17 42.39	−25 19.7	1.314	2.325	3.0	19.5
6 20	17 30.46	−25 35.2	1.291	2.304	2.6	19.4
6 30	17 18.81	−25 45.0	1.294	2.283	7.9	19.7
7 10	17 8.94	−25 50.1	1.320	2.261	12.8	19.9
7 20	17 1.96	−25 53.0	1.367	2.239	17.2	20.1

230096 2000 XA_{46} 6 15.4 190°.88 9°.4/18.2 18

5 11	18 21.41	−55 41.6	2.625	3.344	13.7	21.3
5 21	18 11.97	−56 15.0	2.544	3.342	12.2	21.2
5 31	17 59.25	−56 29.0	2.483	3.340	10.8	21.1
6 10	17 44.39	−56 17.5	2.445	3.337	9.7	21.0
6 20	17 28.96	−55 37.5	2.432	3.333	9.4	21.0
6 30	17 14.68	−54 30.0	2.444	3.329	10.1	21.0
7 10	17 2.93	−53 0.5	2.481	3.324	11.3	21.1
7 20	16 54.48	−51 16.6	2.541	3.318	12.9	21.2

390050 2012 UU_{72} 6 15.4 228°.30 0°.5/15.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 2.00	−22 8.4	2.080	2.926	12.8	22.4
5 21	17 56.89	−22 6.6	1.996	2.922	9.7	22.2
5 31	17 49.67	−22 4.6	1.935	2.917	6.1	21.9
6 10	17 41.00	−22 1.9	1.900	2.912	2.2	21.7
6 20	17 31.74	−21 58.2	1.893	2.906	1.9	21.6
6 30	17 22.88	−21 54.0	1.913	2.901	5.9	21.9
7 10	17 15.34	−21 50.4	1.959	2.895	9.6	22.1
7 20	17 9.78	−21 48.6	2.029	2.889	12.8	22.3

71133 1999 XQ_{177} 6 15.4 78°.51 0°.6/15.4 18

5 11	18 3.78	−23 20.8	1.893	2.741	13.8	19.0
5 21	17 58.28	−23 48.6	1.830	2.757	10.4	18.8
5 31	17 50.52	−24 16.6	1.791	2.772	6.5	18.6
6 10	17 41.28	−24 42.6	1.777	2.788	2.4	18.3
6 20	17 31.54	−25 4.9	1.790	2.803	2.0	18.3
6 30	17 22.38	−25 23.0	1.831	2.818	6.1	18.6
7 10	17 14.78	−25 37.4	1.897	2.834	9.8	18.9
7 20	17 9.39	−25 49.5	1.986	2.849	13.0	19.1

17462 Takahisa 6 15.4 226°.00 2°.8/15.4 18

5 11	18 8.42	−28 11.8	1.773	2.616	14.9	18.6
5 21	18 2.45	−28 54.8	1.685	2.606	11.5	18.3
5 31	17 53.57	−29 35.7	1.619	2.596	7.6	18.1
6 10	17 42.52	−30 10.3	1.579	2.585	3.8	17.8
6 20	17 30.42	−30 35.1	1.565	2.573	3.5	17.8
6 30	17 18.69	−30 48.6	1.578	2.561	7.4	18.0
7 10	17 8.67	−30 52.4	1.616	2.548	11.5	18.2
7 20	17 1.32	−30 49.5	1.677	2.534	15.2	18.4

488328 2016 UO_{146} 6 15.4 253°.24 3°.6/15.9 18

5 11	18 2.93	−34 45.0	2.463	3.289	11.7	21.2
5 21	17 57.52	−35 0.2	2.372	3.279	9.2	21.0
5 31	17 50.04	−35 7.7	2.304	3.269	6.5	20.8
6 10	17 41.13	−35 5.1	2.262	3.258	4.2	20.6
6 20	17 31.65	−34 51.1	2.248	3.248	3.9	20.6
6 30	17 22.55	−34 26.2	2.262	3.237	6.1	20.7
7 10	17 14.75	−33 52.7	2.301	3.226	8.9	20.9
7 20	17 8.89	−33 14.1	2.365	3.215	11.6	21.0

338660 2003 SD_{349} 6 15.4 4°.52 1°.8/15.6 17

5 11	18 2.87	−27 11.3	1.774	2.626	14.4	21.2
5 21	17 57.95	−27 29.6	1.699	2.626	11.0	20.9
5 31	17 50.51	−27 44.6	1.646	2.626	7.1	20.7
6 10	17 41.34	−27 54.1	1.617	2.627	3.1	20.5
6 20	17 31.48	−27 56.6	1.615	2.627	2.7	20.4
6 30	17 22.16	−27 52.2	1.640	2.628	6.6	20.7
7 10	17 14.49	−27 42.9	1.689	2.628	10.6	20.9
7 20	17 9.22	−27 31.2	1.760	2.629	14.1	21.1

203765 2002 RB_{196} 6 15.4 14°.56 1°.5/15.6 18

5 11	18 2.38	−27 2.2	1.888	2.738	13.8	20.3
5 21	17 57.42	−27 14.9	1.812	2.739	10.5	20.0
5 31	17 50.10	−27 24.2	1.759	2.739	6.7	19.8
6 10	17 41.17	−27 28.3	1.730	2.740	2.8	19.6
6 20	17 31.63	−27 26.1	1.729	2.741	2.5	19.5
6 30	17 22.60	−27 18.1	1.754	2.742	6.3	19.8
7 10	17 15.11	−27 6.0	1.804	2.743	10.1	20.0
7 20	17 9.88	−26 52.4	1.877	2.744	13.4	20.2

510491 2011 YU 6 15.4 238°.29 2°.0/15.5 18

5 11	18 1.19	−15 40.4	2.544	3.377	11.2	22.0
5 21	17 55.95	−15 55.0	2.449	3.365	8.6	21.8
5 31	17 48.97	−16 14.4	2.378	3.354	5.6	21.6
6 10	17 40.75	−16 38.4	2.335	3.341	2.7	21.3
6 20	17 31.97	−17 6.4	2.320	3.328	2.5	21.3
6 30	17 23.40	−17 37.5	2.334	3.315	5.4	21.5
7 10	17 15.80	−18 11.1	2.375	3.302	8.5	21.7
7 20	17 9.76	−18 46.7	2.441	3.288	11.4	21.8

496455 2014 QJ_{279} 6 15.4 246°.59 3°.2/15.4 17

5 11	18 5.11	−15 36.8	1.404	2.262	17.2	21.3
5 21	18 0.16	−15 37.2	1.325	2.255	13.3	21.1
5 31	17 52.20	−15 45.2	1.267	2.247	8.8	20.8
6 10	17 42.03	−16 1.3	1.232	2.239	4.4	20.5
6 20	17 30.86	−16 25.0	1.222	2.231	4.1	20.4
6 30	17 20.17	−16 55.3	1.237	2.223	8.6	20.7
7 10	17 11.33	−17 31.4	1.275	2.214	13.3	20.9
7 20	17 5.33	−18 12.0	1.333	2.205	17.5	21.2

312539 2009 ES_{20} 6 15.4 141°.99 2°.1/15.6 17

5 11	18 8.23	−28 3.7	1.657	2.504	15.5	21.7
5 21	18 2.08	−28 20.7	1.588	2.512	11.9	21.5
5 31	17 53.12	−28 32.9	1.541	2.520	7.7	21.3
6 10	17 42.27	−28 37.5	1.519	2.528	3.4	21.1
6 20	17 30.75	−28 33.0	1.524	2.535	3.0	21.0
6 30	17 19.95	−28 20.1	1.555	2.541	7.1	21.3
7 10	17 11.11	−28 1.6	1.611	2.547	11.2	21.6
7 20	17 4.99	−27 41.0	1.689	2.553	14.8	21.8

70587 1999 TF_{170} 6 15.4 316.°86 3.°4/15.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 3.64	−30 55.8	1.753	2.602	14.7	19.2
5 21	17 58.72	−31 22.7	1.675	2.598	11.4	19.0
5 31	17 51.10	−31 43.7	1.618	2.594	7.7	18.8
6 10	17 41.59	−31 55.3	1.586	2.590	4.2	18.5
6 20	17 31.28	−31 55.5	1.579	2.586	3.9	18.5
6 30	17 21.52	−31 44.3	1.599	2.582	7.2	18.7
7 10	17 13.49	−31 24.3	1.643	2.579	11.0	18.9
7 20	17 8.02	−30 59.4	1.708	2.575	14.5	19.1

222603 2001 XM_{23} 6 15.4 186.°04 1.°4/15.4 18

5 11	18 5.65	−25 20.5	2.120	2.959	12.9	20.7
5 21	17 59.71	−25 56.4	2.038	2.959	9.8	20.5
5 31	17 51.50	−26 31.7	1.980	2.958	6.3	20.3
6 10	17 41.69	−27 3.8	1.948	2.957	2.6	20.1
6 20	17 31.19	−27 30.4	1.944	2.956	2.3	20.1
6 30	17 21.08	−27 50.5	1.969	2.954	6.0	20.3
7 10	17 12.35	−28 4.9	2.020	2.951	9.6	20.5
7 20	17 5.74	−28 15.0	2.095	2.948	12.7	20.7

99972 1981 EV_5 6 15.4 181.°09 2.°1/15.0 18

5 11	17 59.86	−18 20.3	2.380	3.222	11.6	19.8
5 21	17 54.91	−17 49.5	2.300	3.222	8.8	19.6
5 31	17 48.25	−17 19.6	2.244	3.222	5.7	19.5
6 10	17 40.47	−16 51.8	2.215	3.222	2.8	19.3
6 20	17 32.29	−16 27.0	2.214	3.222	2.8	19.3
6 30	17 24.50	−16 6.6	2.241	3.222	5.7	19.4
7 10	17 17.83	−15 51.7	2.294	3.221	8.8	19.6
7 20	17 12.82	−15 42.8	2.371	3.221	11.6	19.8

333564 2005 YN_{189} 6 15.4 306.°86 1.°0/15.6 17

5 11	18 2.35	−26 55.4	1.571	2.432	15.5	20.8
5 21	17 57.96	−26 40.5	1.485	2.417	11.9	20.5
5 31	17 50.74	−26 19.7	1.419	2.402	7.7	20.2
6 10	17 41.50	−25 52.0	1.377	2.388	3.0	19.9
6 20	17 31.37	−25 17.5	1.360	2.374	2.4	19.8
6 30	17 21.75	−24 38.3	1.369	2.360	7.3	20.1
7 10	17 13.92	−23 58.0	1.402	2.346	11.9	20.3
7 20	17 8.75	−23 20.6	1.456	2.333	16.0	20.5

259278 2003 DV_{19} 6 15.4 149.°56 3.°1/15.9 17

5 11	18 7.63	−32 13.0	2.101	2.932	13.3	21.5
5 21	18 1.14	−32 25.8	2.029	2.941	10.3	21.3
5 31	17 52.31	−32 31.0	1.979	2.949	7.0	21.1
6 10	17 41.94	−32 26.2	1.955	2.957	3.9	21.0
6 20	17 31.07	−32 10.3	1.959	2.965	3.5	21.0
6 30	17 20.83	−31 44.4	1.991	2.971	6.3	21.1
7 10	17 12.22	−31 11.4	2.049	2.978	9.6	21.4
7 20	17 5.91	−30 35.1	2.131	2.983	12.6	21.6

64217 2001 TR_{106} 6 15.4 228.°97 0.°9/15.5 18

5 11	18 1.67	−25 44.1	2.638	3.474	10.8	19.8
5 21	17 56.33	−25 55.4	2.544	3.463	8.2	19.6
5 31	17 49.21	−26 4.9	2.474	3.453	5.2	19.4
6 10	17 40.85	−26 11.2	2.431	3.441	2.1	19.2
6 20	17 31.95	−26 13.7	2.417	3.430	1.8	19.1
6 30	17 23.32	−26 12.3	2.432	3.418	5.0	19.3
7 10	17 15.74	−26 8.0	2.474	3.405	8.1	19.5
7 20	17 9.79	−26 2.3	2.541	3.393	10.8	19.7

27999 1997 WV_{21} 6 15.4 211.°43 0.°9/15.5 18

5 11	18 1.82	−25 40.7	2.226	3.069	12.2	18.6
5 21	17 56.67	−25 48.0	2.143	3.067	9.3	18.4
5 31	17 49.50	−25 53.0	2.085	3.065	5.9	18.2
6 10	17 40.97	−25 54.5	2.052	3.062	2.3	17.9
6 20	17 31.89	−25 51.7	2.047	3.060	1.9	17.9
6 30	17 23.22	−25 45.1	2.070	3.057	5.5	18.2
7 10	17 15.82	−25 36.0	2.119	3.054	9.0	18.4
7 20	17 10.34	−25 26.2	2.192	3.051	12.0	18.6

109323 2001 QW_{139} 6 15.4 238.°84 8.°1/16.1 18

5 11	18 11.09	−44 2.1	2.008	2.809	14.9	18.9
5 21	18 4.68	−44 53.7	1.921	2.798	12.5	18.7
5 31	17 55.06	−45 31.6	1.856	2.786	10.2	18.5
6 10	17 43.09	−45 49.2	1.813	2.774	8.4	18.4
6 20	17 30.08	−45 42.3	1.796	2.761	8.2	18.3
6 30	17 17.64	−45 10.6	1.805	2.748	9.7	18.4
7 10	17 7.25	−44 18.3	1.837	2.735	12.2	18.5
7 20	16 59.90	−43 12.3	1.891	2.721	14.8	18.7

182225 2000 YP_{35} 6 15.4 147.°02 0.°8/15.5 18

5 11	18 3.14	−17 41.2	2.648	3.477	10.9	20.2
5 21	17 57.30	−18 23.7	2.567	3.483	8.3	20.0
5 31	17 49.76	−19 10.5	2.511	3.488	5.2	19.8
6 10	17 41.05	−20 0.1	2.484	3.493	2.1	19.6
6 20	17 31.84	−20 50.5	2.486	3.498	1.7	19.6
6 30	17 22.92	−21 40.3	2.518	3.503	4.9	19.8
7 10	17 15.00	−22 28.3	2.579	3.507	7.9	20.0
7 20	17 8.66	−23 14.1	2.665	3.511	10.5	20.2

341316 2007 SR_{21} 6 15.4 255.°50 3.°2/15.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 0.87	−14 28.9	2.034	2.877	13.2	20.7
5 21	17 56.05	−14 17.7	1.949	2.869	10.2	20.5
5 31	17 49.18	−14 11.9	1.887	2.861	6.9	20.3
6 10	17 40.89	−14 12.3	1.850	2.853	3.9	20.1
6 20	17 31.99	−14 19.4	1.840	2.845	3.8	20.0
6 30	17 23.42	−14 33.4	1.857	2.836	6.8	20.2
7 10	17 16.10	−14 54.0	1.899	2.828	10.3	20.4
7 20	17 10.68	−15 20.4	1.964	2.819	13.4	20.6

287555 2003 FM 6 15.4 30.°71 8.°3/15.5 17

5 11	18 5.78	−36 12.0	1.150	2.015	19.7	19.5
5 21	18 1.49	−37 49.0	1.110	2.034	15.8	19.3
5 31	17 53.30	−39 13.0	1.089	2.055	11.8	19.2
6 10	17 42.46	−40 14.8	1.089	2.078	8.8	19.1
6 20	17 30.75	−40 48.5	1.111	2.101	8.6	19.1
6 30	17 20.25	−40 54.0	1.155	2.125	11.2	19.3
7 10	17 12.63	−40 37.1	1.220	2.150	14.6	19.6
7 20	17 8.76	−40 5.7	1.304	2.176	17.8	19.9

121283 1999 RE_{153} 6 15.4 320.°37 4.°2/16.2 18

5 11	18 1.97	−34 59.3	1.901	2.742	14.1	19.5
5 21	17 57.43	−35 7.8	1.810	2.726	11.1	19.3
5 31	17 50.30	−35 6.2	1.741	2.710	7.9	19.0
6 10	17 41.34	−34 51.6	1.697	2.695	5.0	18.8
6 20	17 31.62	−34 22.6	1.678	2.680	4.6	18.8
6 30	17 22.37	−33 40.2	1.685	2.665	7.3	18.9
7 10	17 14.76	−32 48.2	1.717	2.651	10.7	19.1
7 20	17 9.60	−31 51.6	1.771	2.638	14.1	19.2

102635 1999 VH_{34} 6 15.4 259.°83 0.°3/15.4 18

5 11	18 5.28	−23 6.3	1.769	2.618	14.6	19.9
5 21	17 59.97	−23 1.8	1.672	2.599	11.2	19.7
5 31	17 51.97	−22 56.0	1.596	2.578	7.1	19.4
6 10	17 41.99	−22 47.9	1.546	2.558	2.6	19.1
6 20	17 31.04	−22 37.3	1.523	2.536	2.2	19.0
6 30	17 20.39	−22 24.7	1.526	2.514	7.0	19.2
7 10	17 11.28	−22 12.1	1.555	2.492	11.5	19.4
7 20	17 4.61	−22 1.6	1.605	2.469	15.4	19.6

330274 2006 SK_{147} 6 15.4 173.°97 1.°4/15.3 17

5 11	18 5.20	−20 11.8	1.980	2.822	13.5	22.3
5 21	17 59.31	−19 59.2	1.902	2.825	10.3	22.1
5 31	17 51.20	−19 47.2	1.848	2.828	6.5	21.9
6 10	17 41.61	−19 35.9	1.820	2.830	2.6	21.6
6 20	17 31.47	−19 25.5	1.819	2.831	2.4	21.6
6 30	17 21.83	−19 17.0	1.846	2.831	6.3	21.9
7 10	17 13.65	−19 11.3	1.899	2.831	10.1	22.1
7 20	17 7.59	−19 9.6	1.976	2.830	13.3	22.3

87724 2000 SH_{46} 6 15.5 318.°62 4.°4/16.5 18

5 11	18 3.68	−35 7.5	1.429	2.285	17.1	17.8
5 21	17 59.54	−34 51.5	1.338	2.262	13.6	17.5
5 31	17 52.03	−34 20.0	1.266	2.240	9.5	17.2
6 10	17 42.07	−33 29.3	1.216	2.219	5.6	16.9
6 20	17 31.03	−32 18.7	1.190	2.198	4.8	16.8
6 30	17 20.62	−30 51.7	1.190	2.178	8.5	17.0
7 10	17 12.39	−29 16.0	1.212	2.158	13.2	17.2
7 20	17 7.35	−27 40.0	1.255	2.140	17.5	17.4

479144 2013 BZ_{62} 6 15.5 267.°55 6.°0/16.6 18

5 11	18 5.73	−41 37.2	2.293	3.101	13.0	20.9
5 21	17 59.94	−42 0.1	2.209	3.095	10.7	20.8
5 31	17 51.71	−42 10.6	2.147	3.089	8.3	20.6
6 10	17 41.82	−42 4.9	2.110	3.084	6.5	20.5
6 20	17 31.30	−41 41.1	2.099	3.078	6.1	20.4
6 30	17 21.36	−40 59.9	2.114	3.072	7.7	20.5
7 10	17 13.05	−40 5.2	2.155	3.066	10.1	20.6
7 20	17 7.10	−39 2.0	2.219	3.060	12.6	20.8

262636 2006 WT_{40} 6 15.5 146.°80 3.°5/14.9 18

5 11	17 59.42	−13 59.5	2.315	3.153	12.0	20.9
5 21	17 54.60	−13 24.4	2.239	3.156	9.3	20.8
5 31	17 48.09	−12 53.3	2.186	3.158	6.4	20.6
6 10	17 40.47	−12 27.7	2.160	3.159	3.9	20.4
6 20	17 32.44	−12 9.1	2.161	3.161	4.0	20.4
6 30	17 24.81	−11 58.5	2.190	3.163	6.4	20.6
7 10	17 18.30	−11 56.2	2.245	3.165	9.3	20.8
7 20	17 13.42	−12 2.0	2.322	3.166	12.0	21.0

111221 2001 WA_{41} 6 15.5 221.°12 2.°3/15.2 18

5 11	18 3.52	−16 53.5	2.355	3.188	11.9	20.6
5 21	17 57.83	−16 40.4	2.260	3.177	9.2	20.4
5 31	17 50.22	−16 29.9	2.190	3.165	6.0	20.2
6 10	17 41.27	−16 22.4	2.146	3.152	3.0	20.0
6 20	17 31.74	−16 18.4	2.131	3.139	2.9	19.9
6 30	17 22.48	−16 18.5	2.144	3.124	6.0	20.1
7 10	17 14.34	−16 23.0	2.185	3.109	9.3	20.3
7 20	17 7.95	−16 32.1	2.249	3.093	12.3	20.4

431119 2006 HD_{77} 6 15.5 347°.76 1°.1/15.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 3.64	−16 31.3	1.694	2.545	15.1	20.2
5 21	17 58.66	−17 27.9	1.615	2.542	11.5	20.0
5 31	17 51.11	−18 33.9	1.558	2.539	7.4	19.7
6 10	17 41.68	−19 46.9	1.527	2.537	2.9	19.4
6 20	17 31.37	−21 3.1	1.522	2.535	2.4	19.4
6 30	17 21.41	−22 18.7	1.545	2.533	6.9	19.7
7 10	17 12.98	−23 31.1	1.593	2.532	11.1	19.9
7 20	17 6.94	−24 38.7	1.663	2.531	14.8	20.1

358396 2007 AK_{30} 6 15.5 76°.30 3°.5/15.4 16

5 11	17 59.36	−11 59.6	2.297	3.132	12.1	21.5
5 21	17 54.61	−11 57.5	2.221	3.135	9.5	21.3
5 31	17 48.13	−12 2.3	2.168	3.137	6.5	21.2
6 10	17 40.50	−12 14.8	2.141	3.139	4.0	21.0
6 20	17 32.42	−12 34.9	2.141	3.142	3.9	21.0
6 30	17 24.68	−13 2.3	2.169	3.144	6.3	21.2
7 10	17 18.05	−13 35.8	2.223	3.147	9.2	21.3
7 20	17 13.06	−14 14.2	2.300	3.149	11.9	21.5

23736 1998 HO_{148} 6 15.5 334°.22 2°.0/15.5 18

5 11	18 2.55	−26 8.4	1.080	1.963	19.4	17.7
5 21	17 59.19	−26 31.8	1.011	1.955	14.9	17.4
5 31	17 52.07	−26 52.9	0.960	1.947	9.7	17.1
6 10	17 42.16	−27 8.3	0.930	1.941	4.0	16.7
6 20	17 30.98	−27 15.0	0.921	1.934	3.5	16.7
6 30	17 20.51	−27 12.7	0.935	1.929	9.2	17.0
7 10	17 12.53	−27 4.3	0.970	1.924	14.7	17.3
7 20	17 8.18	−26 53.6	1.022	1.920	19.5	17.5

253880 2004 BH_{34} 6 15.5 215°.36 3°.1/15.9 17

5 11	18 7.40	−31 29.3	1.790	2.631	14.8	21.2
5 21	18 1.52	−31 37.2	1.707	2.626	11.5	21.0
5 31	17 52.87	−31 37.1	1.646	2.620	7.7	20.7
6 10	17 42.28	−31 26.2	1.610	2.614	4.1	20.5
6 20	17 30.93	−31 3.2	1.600	2.608	3.6	20.4
6 30	17 20.16	−30 29.3	1.617	2.601	7.1	20.6
7 10	17 11.21	−29 48.2	1.660	2.594	11.1	20.9
7 20	17 4.90	−29 4.7	1.724	2.587	14.6	21.1

340501 2006 HT_{118} 6 15.5 260°.87 0°.7/15.4 18

5 11	18 2.31	−20 15.4	1.945	2.794	13.5	21.3
5 21	17 57.34	−20 31.1	1.861	2.787	10.3	21.0
5 31	17 50.11	−20 49.5	1.799	2.780	6.5	20.8
6 10	17 41.29	−21 9.5	1.763	2.773	2.4	20.5
6 20	17 31.75	−21 29.9	1.753	2.766	2.1	20.5
6 30	17 22.57	−21 50.1	1.771	2.759	6.2	20.7
7 10	17 14.76	−22 10.2	1.815	2.752	10.1	20.9
7 20	17 9.04	−22 30.6	1.881	2.745	13.5	21.1

233528 2007 HY_{32} 6 15.5 224°.04 4°.4/14.5 18

5 11	18 2.92	−12 45.9	2.252	3.083	12.5	19.9
5 21	17 57.37	−11 55.4	2.161	3.072	9.8	19.7
5 31	17 49.93	−11 8.3	2.094	3.060	7.0	19.5
6 10	17 41.17	−10 27.1	2.054	3.048	4.7	19.3
6 20	17 31.87	− 9 54.0	2.041	3.035	4.8	19.3
6 30	17 22.89	− 9 30.9	2.056	3.022	7.3	19.4
7 10	17 15.06	− 9 18.6	2.098	3.008	10.4	19.6
7 20	17 9.00	− 9 17.0	2.162	2.993	13.2	19.7

417857 2007 JE_{9} 6 15.5 56°.02 3°.5/15.4 15

5 11	18 6.29	−15 25.1	1.423	2.279	17.1	20.9
5 21	18 0.24	−15 9.0	1.389	2.316	13.0	20.7
5 31	17 51.69	−14 59.8	1.375	2.353	8.5	20.5
6 10	17 41.72	−14 58.0	1.384	2.390	4.4	20.4
6 20	17 31.55	−15 3.6	1.420	2.427	4.2	20.5
6 30	17 22.43	−15 16.5	1.480	2.463	7.8	20.8
7 10	17 15.32	−15 35.9	1.565	2.500	11.6	21.1
7 20	17 10.78	−16 0.7	1.671	2.536	14.9	21.4

417942 2007 SJ_{10} 6 15.5 320°.44 1°.0/15.5 17

5 11	18 0.46	−24 16.6	1.133	2.017	18.6	21.4
5 21	17 57.59	−24 34.9	1.052	1.997	14.4	21.1
5 31	17 51.14	−24 53.5	0.989	1.978	9.3	20.8
6 10	17 41.89	−25 9.9	0.948	1.959	3.5	20.4
6 20	17 31.20	−25 21.6	0.928	1.942	3.0	20.3
6 30	17 20.93	−25 27.9	0.931	1.925	9.1	20.6
7 10	17 12.87	−25 30.2	0.954	1.909	14.8	20.8
7 20	17 8.28	−25 31.4	0.995	1.895	19.8	21.1

92040 1999 VQ_{192} 6 15.5 204°.63 1°.7/15.1 18

5 11	17 59.82	−19 27.0	2.514	3.354	11.1	19.4
5 21	17 54.84	−18 54.8	2.431	3.352	8.4	19.2
5 31	17 48.23	−18 22.5	2.372	3.350	5.4	19.0
6 10	17 40.54	−17 51.1	2.340	3.348	2.5	18.8
6 20	17 32.46	−17 21.8	2.337	3.346	2.4	18.8
6 30	17 24.76	−16 55.9	2.362	3.344	5.4	19.0
7 10	17 18.11	−16 34.8	2.413	3.341	8.4	19.2
7 20	17 13.05	−16 19.3	2.489	3.338	11.1	19.4

480713 2015 RZ_{212} 6 15.5 281°.31 2°.7/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	17 58.88	−16 59.7	2.394	3.237	11.5	21.2
5 21	17 54.24	−16 20.6	2.308	3.229	8.8	21.0
5 31	17 47.91	−15 42.8	2.245	3.221	5.9	20.8
6 10	17 40.44	−15 7.8	2.210	3.214	3.2	20.6
6 20	17 32.54	−14 37.0	2.201	3.206	3.2	20.6
6 30	17 24.97	−14 12.1	2.221	3.199	6.0	20.7
7 10	17 18.47	−13 54.2	2.267	3.192	9.0	20.9
7 20	17 13.57	−13 43.7	2.336	3.184	11.8	21.1

57813 2001 WZ_{21} 6 15.5 84°.20 1°.7/15.5 18

5 11	18 0.98	−17 1.1	2.144	2.988	12.6	19.3
5 21	17 56.04	−17 15.5	2.066	2.989	9.6	19.1
5 31	17 49.14	−17 34.5	2.011	2.990	6.2	18.9
6 10	17 40.92	−17 57.6	1.982	2.991	2.8	18.7
6 20	17 32.15	−18 23.9	1.981	2.992	2.5	18.6
6 30	17 23.75	−18 52.7	2.008	2.993	5.9	18.9
7 10	17 16.57	−19 23.3	2.061	2.994	9.3	19.1
7 20	17 11.23	−19 55.2	2.137	2.995	12.3	19.3

503925 2002 YT_{15} 6 15.5 92°.25 3°.5/16.4 18

5 11	18 6.04	−35 34.2	2.251	3.075	12.8	20.9
5 21	17 59.73	−35 27.5	2.185	3.091	10.0	20.7
5 31	17 51.32	−35 10.6	2.143	3.107	6.9	20.5
6 10	17 41.63	−34 41.8	2.126	3.123	4.3	20.4
6 20	17 31.64	−34 1.2	2.138	3.139	3.8	20.4
6 30	17 22.37	−33 10.8	2.177	3.155	6.1	20.6
7 10	17 14.70	−32 14.4	2.243	3.170	8.9	20.8
7 20	17 9.19	−31 16.2	2.332	3.186	11.6	21.0

465088 2006 UC_{57} 6 15.5 331°.63 7°.0/14.1 17

5 11	17 57.26	−14 1.1	1.133	2.016	18.7	20.7
5 21	17 54.70	−12 40.8	1.058	1.998	14.8	20.4
5 31	17 49.01	−11 23.5	1.002	1.981	10.6	20.1
6 10	17 41.03	−10 15.2	0.966	1.966	7.4	19.8
6 20	17 32.01	− 9 22.3	0.952	1.951	7.8	19.8
6 30	17 23.51	− 8 49.7	0.960	1.938	11.6	20.0
7 10	17 16.99	− 8 39.4	0.987	1.926	16.2	20.2
7 20	17 13.46	− 8 50.1	1.031	1.915	20.5	20.4

8500 Hori 6 15.5 256°.67 4°.8/14.4 18

5 11	17 59.33	−10 43.8	2.356	3.187	12.0	18.0
5 21	17 54.61	− 9 56.4	2.267	3.176	9.5	17.8
5 31	17 48.17	− 9 14.0	2.201	3.164	7.0	17.6
6 10	17 40.56	− 8 39.2	2.162	3.151	5.0	17.5
6 20	17 32.45	− 8 13.8	2.150	3.139	5.2	17.5
6 30	17 24.63	− 7 59.5	2.165	3.126	7.3	17.6
7 10	17 17.85	− 7 56.6	2.205	3.113	10.0	17.7
7 20	17 12.66	− 8 4.5	2.268	3.100	12.6	17.9

271659 2004 RJ_{21} 6 15.5 303°.64 6°.6/14.7 15

5 11	17 59.80	− 9 30.3	1.588	2.438	15.9	20.6
5 21	17 55.85	− 8 45.3	1.501	2.419	12.8	20.4
5 31	17 49.39	− 8 9.2	1.434	2.400	9.5	20.1
6 10	17 41.11	− 7 45.9	1.391	2.381	7.0	19.9
6 20	17 31.95	− 7 38.2	1.372	2.363	7.1	19.9
6 30	17 23.10	− 7 47.8	1.377	2.345	9.9	20.0
7 10	17 15.72	− 8 13.9	1.404	2.327	13.6	20.2
7 20	17 10.64	− 8 54.4	1.452	2.310	17.1	20.3

173038 2006 QZ_{76} 6 15.5 280°.09 1°.2/15.3 17

5 11	18 0.79	−20 10.1	2.028	2.878	13.0	20.4
5 21	17 56.07	−20 3.4	1.943	2.870	9.9	20.2
5 31	17 49.25	−19 57.7	1.881	2.862	6.3	19.9
6 10	17 40.98	−19 53.3	1.844	2.855	2.5	19.7
6 20	17 32.10	−19 50.0	1.835	2.847	2.3	19.6
6 30	17 23.59	−19 48.4	1.852	2.839	6.1	19.9
7 10	17 16.37	−19 49.3	1.896	2.832	9.8	20.1
7 20	17 11.12	−19 53.3	1.962	2.824	13.1	20.3

317354 2002 LB_{64} 6 15.5 291°.67 3°.3/15.3 18

5 11	18 1.05	−14 54.4	1.831	2.680	14.2	20.5
5 21	17 56.41	−14 44.0	1.751	2.675	11.0	20.2
5 31	17 49.53	−14 39.3	1.693	2.670	7.4	20.0
6 10	17 41.11	−14 41.3	1.660	2.665	4.0	19.8
6 20	17 32.04	−14 50.2	1.654	2.660	3.9	19.8
6 30	17 23.37	−15 6.2	1.674	2.655	7.2	20.0
7 10	17 16.09	−15 28.8	1.718	2.651	10.9	20.2
7 20	17 10.90	−15 57.2	1.785	2.646	14.3	20.4

440048 2002 QX_{107} 6 15.5 257°.77 7°.4/14.5 18

5 11	18 0.56	− 1 34.1	2.392	3.193	12.8	21.7
5 21	17 55.60	− 0 54.5	2.295	3.171	10.8	21.5
5 31	17 48.86	− 0 26.3	2.221	3.150	8.8	21.3
6 10	17 40.85	− 0 12.5	2.171	3.127	7.5	21.2
6 20	17 32.24	− 0 15.3	2.147	3.104	7.6	21.2
6 30	17 23.81	− 0 35.5	2.150	3.081	9.1	21.2
7 10	17 16.34	− 1 12.1	2.177	3.057	11.3	21.3
7 20	17 10.43	− 2 2.7	2.227	3.033	13.7	21.4

499675 2010 VC_{200} 6 15.5 180°.31 0°.8/15.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 6.43	−19 27.7	2.152	2.987	12.9	22.0
5 21	18 0.19	−19 49.0	2.070	2.989	9.8	21.8
5 31	17 51.80	−20 13.2	2.012	2.990	6.2	21.6
6 10	17 41.91	−20 39.0	1.980	2.990	2.4	21.3
6 20	17 31.40	−21 5.1	1.977	2.990	2.0	21.3
6 30	17 21.26	−21 30.6	2.003	2.989	5.9	21.6
7 10	17 12.45	−21 55.3	2.056	2.987	9.5	21.8
7 20	17 5.65	−22 19.6	2.133	2.984	12.7	22.0

356676 2011 UA_{91} 6 15.5 189°.47 2°.3/15.5 16

5 11	18 0.57	−15 21.7	2.288	3.127	12.1	21.6
5 21	17 55.62	−15 29.6	2.208	3.127	9.3	21.4
5 31	17 48.84	−15 42.7	2.151	3.127	6.1	21.2
6 10	17 40.83	−16 0.9	2.121	3.126	3.1	21.0
6 20	17 32.32	−16 23.7	2.118	3.126	2.9	21.0
6 30	17 24.13	−16 50.5	2.143	3.125	5.8	21.2
7 10	17 17.07	−17 20.6	2.195	3.125	9.0	21.4
7 20	17 11.71	−17 53.5	2.270	3.124	11.9	21.6

379255 2009 TH_{43} 6 15.5 138°.24 0°.3/15.5 17

5 11	18 4.35	−23 0.8	1.747	2.599	14.6	21.0
5 21	17 59.07	−23 18.5	1.673	2.602	11.1	20.8
5 31	17 51.28	−23 36.5	1.622	2.604	7.0	20.5
6 10	17 41.76	−23 53.1	1.596	2.607	2.5	20.3
6 20	17 31.55	−24 6.9	1.596	2.610	2.1	20.2
6 30	17 21.87	−24 17.4	1.623	2.612	6.6	20.5
7 10	17 13.83	−24 25.6	1.675	2.614	10.7	20.8
7 20	17 8.18	−24 33.0	1.749	2.616	14.2	21.0

465096 2006 UT_{186} 6 15.5 314°.28 0°.8/15.3 17

5 11	18 1.81	−25 13.6	1.276	2.151	17.6	20.6
5 21	17 58.17	−24 25.4	1.189	2.129	13.5	20.3
5 31	17 51.24	−23 28.3	1.121	2.108	8.7	20.0
6 10	17 41.88	−22 23.1	1.075	2.087	3.2	19.6
6 20	17 31.40	−21 12.5	1.054	2.067	2.9	19.5
6 30	17 21.43	−20 1.6	1.056	2.048	8.7	19.8
7 10	17 13.53	−18 56.5	1.080	2.029	14.1	20.0
7 20	17 8.73	−18 2.1	1.123	2.011	18.9	20.2

183518 2003 FA_{81} 6 15.5 141°.69 6°.8/14.9 18

5 11	17 59.09	− 0 49.6	2.649	3.444	11.8	20.8
5 21	17 54.12	− 0 11.7	2.582	3.453	9.9	20.7
5 31	17 47.70	+ 0 14.7	2.538	3.461	8.1	20.6
6 10	17 40.38	+ 0 27.5	2.519	3.469	6.9	20.5
6 20	17 32.74	+ 0 25.1	2.526	3.477	7.0	20.5
6 30	17 25.44	+ 0 7.6	2.560	3.484	8.1	20.6
7 10	17 19.09	− 0 23.7	2.619	3.491	9.9	20.7
7 20	17 14.15	− 1 6.6	2.700	3.498	11.8	20.9

376206 2011 DT_{11} 6 15.5 107°.93 6°.8/15.1 17

5 11	18 3.25	− 5 14.0	1.970	2.790	14.5	21.7
5 21	17 57.58	− 4 34.3	1.915	2.809	11.7	21.6
5 31	17 49.98	− 4 6.5	1.881	2.828	9.0	21.4
6 10	17 41.20	− 3 53.4	1.872	2.846	7.1	21.4
6 20	17 32.08	− 3 56.2	1.889	2.864	7.1	21.4
6 30	17 23.54	− 4 14.9	1.933	2.882	8.9	21.5
7 10	17 16.37	− 4 47.6	2.000	2.899	11.3	21.7
7 20	17 11.13	− 5 31.6	2.090	2.915	13.8	21.9

342934 2009 AR_{21} 6 15.5 222°.17 0°.9/15.6 17

5 11	18 3.47	−26 24.4	2.288	3.127	12.1	21.9
5 21	17 57.95	−26 23.6	2.198	3.119	9.2	21.7
5 31	17 50.38	−26 19.5	2.132	3.111	5.9	21.5
6 10	17 41.41	−26 11.0	2.092	3.102	2.3	21.2
6 20	17 31.86	−25 57.6	2.081	3.093	1.9	21.2
6 30	17 22.67	−25 40.1	2.097	3.084	5.5	21.4
7 10	17 14.76	−25 20.2	2.140	3.074	9.0	21.6
7 20	17 8.76	−25 0.1	2.207	3.064	12.1	21.8

475254 2005 WP_{62} 6 15.5 232°.77 0°.6/15.5 18

5 11	18 0.50	−20 25.9	2.819	3.653	10.2	21.7
5 21	17 55.36	−20 38.2	2.723	3.642	7.7	21.5
5 31	17 48.61	−20 52.0	2.651	3.630	4.9	21.3
6 10	17 40.76	−21 6.6	2.607	3.618	1.8	21.1
6 20	17 32.40	−21 21.4	2.592	3.605	1.6	21.1
6 30	17 24.24	−21 36.0	2.607	3.592	4.7	21.3
7 10	17 16.99	−21 50.6	2.649	3.579	7.6	21.4
7 20	17 11.18	−22 5.5	2.716	3.565	10.3	21.6

478538 2012 TK_{14} 6 15.5 225°.71 3°.3/16.0 18

5 11	18 6.08	−34 48.2	2.697	3.512	11.1	22.1
5 21	17 59.79	−34 57.6	2.598	3.499	8.8	21.9
5 31	17 51.49	−34 59.2	2.523	3.485	6.2	21.7
6 10	17 41.80	−34 50.8	2.475	3.471	3.9	21.5
6 20	17 31.54	−34 31.2	2.456	3.456	3.6	21.5
6 30	17 21.64	−34 1.0	2.466	3.440	5.7	21.6
7 10	17 12.96	−33 22.6	2.503	3.424	8.4	21.7
7 20	17 6.15	−32 39.5	2.564	3.407	11.0	21.9

412499 2014 KC_{26} 6 15.5 160°.18 1°.0/15.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 0.24	−19 17.8	2.572	3.410	10.9	21.5
5 21	17 55.19	−19 25.8	2.492	3.413	8.3	21.3
5 31	17 48.49	−19 35.8	2.437	3.416	5.2	21.1
6 10	17 40.70	−19 47.4	2.409	3.418	2.1	20.9
6 20	17 32.48	−20 0.1	2.409	3.421	1.9	20.9
6 30	17 24.58	−20 13.6	2.437	3.423	5.0	21.1
7 10	17 17.72	−20 28.2	2.493	3.425	8.0	21.3
7 20	17 12.41	−20 43.9	2.573	3.426	10.7	21.5

370445 2002 WM_{21} 6 15.5 240°.19 1°.9/15.3 18

5 11	18 7.06	−24 24.2	1.735	2.582	14.9	21.1
5 21	18 1.47	−25 25.0	1.650	2.575	11.4	20.8
5 31	17 53.05	−26 28.3	1.588	2.568	7.4	20.6
6 10	17 42.51	−27 30.0	1.551	2.561	3.1	20.3
6 20	17 30.91	−28 25.7	1.542	2.553	2.9	20.3
6 30	17 19.62	−29 12.6	1.559	2.545	7.2	20.5
7 10	17 9.96	−29 50.1	1.602	2.537	11.4	20.7
7 20	17 2.90	−30 19.7	1.667	2.528	15.1	21.0

392996 2012 XA_{118} 6 15.5 119°.17 1°.5/15.5 18

5 11	18 2.63	−25 41.0	2.151	2.995	12.6	20.8
5 21	17 57.46	−26 17.3	2.072	2.995	9.6	20.6
5 31	17 50.15	−26 52.8	2.017	2.996	6.1	20.4
6 10	17 41.35	−27 25.0	1.988	2.997	2.6	20.2
6 20	17 31.93	−27 52.0	1.986	2.997	2.3	20.1
6 30	17 22.88	−28 12.8	2.012	2.998	5.8	20.4
7 10	17 15.15	−28 28.0	2.065	2.999	9.2	20.6
7 20	17 9.41	−28 39.0	2.140	2.999	12.3	20.8

470780 2008 UC_{273} 6 15.5 197°.73 2°.4/15.6 17

5 11	18 4.56	−29 17.6	2.154	2.992	12.8	21.8
5 21	17 58.96	−29 41.4	2.072	2.990	9.8	21.6
5 31	17 51.11	−30 1.0	2.013	2.988	6.5	21.4
6 10	17 41.70	−30 13.9	1.980	2.986	3.2	21.2
6 20	17 31.65	−30 18.5	1.974	2.983	2.9	21.2
6 30	17 22.02	−30 14.8	1.996	2.980	6.1	21.3
7 10	17 13.80	−30 4.3	2.045	2.976	9.5	21.5
7 20	17 7.70	−29 49.9	2.116	2.972	12.5	21.7

333621 2007 VS_{1} 6 15.5 332°.02 14°.5/ 9.6 17

5 11	18 4.43	− 6 48.7	0.986	1.855	22.0	19.7
5 21	18 0.19	− 3 17.5	0.930	1.850	18.5	19.4
5 31	17 52.44	+ 0 7.8	0.894	1.845	15.7	19.2
6 10	17 42.28	+ 3 9.9	0.879	1.841	14.5	19.2
6 20	17 31.22	+ 5 32.9	0.884	1.838	15.8	19.2
6 30	17 21.04	+ 7 6.7	0.909	1.835	18.8	19.4
7 10	17 13.27	+ 7 50.6	0.951	1.832	22.2	19.6
7 20	17 8.82	+ 7 51.0	1.007	1.830	25.3	19.8

371902 2008 CF_{150} 6 15.5 96°.25 1°.2/15.4 17

5 11	18 4.09	−21 9.5	1.555	2.413	15.8	21.7
5 21	17 59.04	−20 55.7	1.485	2.416	12.0	21.5
5 31	17 51.32	−20 42.1	1.436	2.420	7.6	21.3
6 10	17 41.80	−20 28.8	1.412	2.423	2.9	21.0
6 20	17 31.62	−20 16.2	1.413	2.426	2.6	21.0
6 30	17 22.08	−20 5.3	1.440	2.429	7.3	21.2
7 10	17 14.34	−19 57.8	1.491	2.432	11.6	21.5
7 20	17 9.16	−19 54.9	1.564	2.435	15.4	21.8

471186 2010 MH_{80} 6 15.5 307°.55 1°.9/15.5 18

5 11	18 2.19	−26 46.6	1.784	2.638	14.3	20.9
5 21	17 57.67	−27 14.6	1.697	2.626	11.0	20.6
5 31	17 50.56	−27 40.7	1.633	2.614	7.1	20.4
6 10	17 41.58	−28 2.2	1.593	2.602	3.1	20.1
6 20	17 31.74	−28 17.2	1.579	2.591	2.8	20.1
6 30	17 22.25	−28 24.7	1.592	2.580	6.8	20.3
7 10	17 14.31	−28 26.2	1.629	2.569	10.9	20.5
7 20	17 8.78	−28 23.8	1.688	2.558	14.5	20.7

95695 2002 JV_{70} 6 15.5 34°.22 4°.0/15.5 18

5 11	18 3.15	−33 52.4	2.364	3.193	12.0	19.3
5 21	17 57.85	−34 40.1	2.285	3.193	9.5	19.1
5 31	17 50.41	−35 22.0	2.230	3.194	6.7	19.0
6 10	17 41.46	−35 54.7	2.201	3.195	4.5	18.8
6 20	17 31.87	−36 15.6	2.199	3.195	4.3	18.8
6 30	17 22.65	−36 24.1	2.224	3.196	6.5	19.0
7 10	17 14.76	−36 21.7	2.276	3.196	9.2	19.1
7 20	17 8.87	−36 11.2	2.350	3.197	11.8	19.3

65755 1994 EW_{3} 6 15.5 258°.52 4°.2/14.9 18

5 11	18 4.06	−14 50.9	1.688	2.536	15.2	19.6
5 21	17 59.02	−14 14.5	1.596	2.519	11.9	19.3
5 31	17 51.40	−13 41.9	1.526	2.501	8.2	19.1
6 10	17 41.89	−13 15.4	1.480	2.482	4.8	18.8
6 20	17 31.49	−12 56.9	1.459	2.463	4.9	18.8
6 30	17 21.40	−12 48.1	1.465	2.443	8.4	19.0
7 10	17 12.80	−12 50.0	1.496	2.423	12.5	19.1
7 20	17 6.57	−13 2.3	1.547	2.403	16.3	19.3

379304 2009 VN_{81} 6 15.5 214°.35 0°.4/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 4.06	−24 49.9	1.881	2.729	13.9	21.3
5 21	17 58.75	−24 48.2	1.800	2.726	10.6	21.1
5 31	17 51.05	−24 44.1	1.741	2.723	6.7	20.9
6 10	17 41.70	−24 36.4	1.708	2.719	2.5	20.6
6 20	17 31.70	−24 24.9	1.702	2.715	2.0	20.6
6 30	17 22.19	−24 10.3	1.723	2.711	6.3	20.8
7 10	17 14.21	−23 54.5	1.769	2.707	10.3	21.1
7 20	17 8.49	−23 39.8	1.838	2.703	13.8	21.3

93498 2000 TH_{45} 6 15.5 156°.10 4°.1/15.5 18

5 11	18 7.76	−32 22.1	2.077	2.907	13.4	19.4
5 21	18 1.57	−33 17.1	2.002	2.913	10.5	19.2
5 31	17 52.86	−34 6.8	1.951	2.918	7.3	19.0
6 10	17 42.39	−34 46.9	1.925	2.922	4.6	18.9
6 20	17 31.17	−35 14.0	1.927	2.927	4.4	18.8
6 30	17 20.41	−35 27.2	1.957	2.930	7.0	19.0
7 10	17 11.24	−35 28.3	2.012	2.934	10.1	19.2
7 20	17 4.44	−35 20.7	2.090	2.937	13.0	19.4

418063 2007 VE_{190} 6 15.5 224°.24 4°.2/15.6 17

5 11	18 8.50	−31 50.8	1.684	2.526	15.5	21.4
5 21	18 2.75	−32 31.8	1.601	2.519	12.2	21.2
5 31	17 53.92	−33 6.8	1.540	2.512	8.4	20.9
6 10	17 42.85	−33 31.1	1.504	2.505	5.0	20.7
6 20	17 30.76	−33 41.0	1.493	2.497	4.7	20.7
6 30	17 19.16	−33 36.0	1.508	2.488	8.0	20.8
7 10	17 9.48	−33 18.9	1.548	2.480	11.9	21.0
7 20	17 2.68	−32 54.3	1.609	2.470	15.6	21.3

161591 2005 OG_{14} 6 15.5 300°.66 1°.1/15.6 17

5 11	18 2.89	−25 15.9	1.478	2.342	16.2	20.1
5 21	17 58.79	−25 28.0	1.385	2.319	12.5	19.8
5 31	17 51.62	−25 38.5	1.312	2.296	8.1	19.5
6 10	17 42.09	−25 45.2	1.262	2.273	3.2	19.1
6 20	17 31.34	−25 46.4	1.237	2.251	2.6	19.0
6 30	17 20.88	−25 41.8	1.237	2.228	7.8	19.3
7 10	17 12.20	−25 33.5	1.260	2.206	12.8	19.5
7 20	17 6.38	−25 24.2	1.303	2.184	17.3	19.7

11756 Geneparker 6 15.5 288°.37 1°.1/15.5 18

5 11	18 4.63	−24 48.4	1.383	2.249	17.0	18.1
5 21	18 0.32	−25 4.2	1.293	2.228	13.1	17.8
5 31	17 52.70	−25 19.2	1.222	2.207	8.5	17.4
6 10	17 42.52	−25 31.0	1.175	2.186	3.3	17.1
6 20	17 31.00	−25 37.3	1.151	2.165	2.8	17.0
6 30	17 19.78	−25 37.6	1.152	2.144	8.3	17.2
7 10	17 10.50	−25 33.7	1.176	2.123	13.5	17.5
7 20	17 4.30	−25 28.6	1.220	2.102	18.1	17.7

250820 2005 UE_{69} 6 15.5 333°.99 2°.9/14.9 17

5 11	17 57.81	−19 16.9	1.643	2.509	14.7	19.2
5 21	17 54.31	−18 26.3	1.557	2.491	11.3	18.9
5 31	17 48.41	−17 34.4	1.491	2.474	7.4	18.7
6 10	17 40.81	−16 43.7	1.450	2.458	3.7	18.4
6 20	17 32.49	−15 56.8	1.434	2.443	3.8	18.4
6 30	17 24.58	−15 16.9	1.444	2.429	7.7	18.6
7 10	17 18.16	−14 46.4	1.477	2.415	11.9	18.8
7 20	17 14.00	−14 26.8	1.530	2.403	15.6	19.0

305332 2008 AU_{97} 6 15.5 14°.98 2°.9/15.6 18

5 11	18 0.44	−14 2.3	2.029	2.872	13.2	20.7
5 21	17 55.74	−14 11.7	1.953	2.873	10.2	20.5
5 31	17 49.04	−14 28.1	1.899	2.874	6.8	20.3
6 10	17 40.99	−14 51.5	1.871	2.876	3.7	20.1
6 20	17 32.38	−15 21.3	1.870	2.877	3.4	20.1
6 30	17 24.15	−15 56.6	1.897	2.879	6.4	20.3
7 10	17 17.17	−16 36.1	1.949	2.881	9.8	20.5
7 20	17 12.08	−17 18.8	2.024	2.883	12.9	20.7

379343 2009 WO_{92} 6 15.5 187°.63 0°.4/15.5 17

5 11	18 5.13	−20 18.0	2.146	2.984	12.8	21.9
5 21	17 59.30	−20 47.6	2.063	2.984	9.7	21.7
5 31	17 51.32	−21 20.0	2.004	2.983	6.1	21.5
6 10	17 41.83	−21 53.8	1.971	2.982	2.3	21.2
6 20	17 31.68	−22 27.0	1.967	2.980	1.9	21.2
6 30	17 21.88	−22 58.4	1.991	2.978	5.8	21.4
7 10	17 13.36	−23 27.8	2.042	2.975	9.4	21.6
7 20	17 6.84	−23 55.5	2.117	2.971	12.6	21.8

141912 2002 PN_{80} 6 15.5 335°.22 1°.8/15.6 18

5 11	18 2.06	−17 47.0	1.309	2.179	17.5	19.3
5 21	17 58.13	−18 7.1	1.235	2.172	13.4	19.0
5 31	17 51.14	−18 34.7	1.181	2.166	8.7	18.7
6 10	17 41.89	−19 8.8	1.149	2.160	3.6	18.4
6 20	17 31.61	−19 47.4	1.142	2.154	3.1	18.4
6 30	17 21.83	−20 28.7	1.158	2.149	8.2	18.7
7 10	17 13.98	−21 11.1	1.197	2.145	13.2	18.9
7 20	17 9.05	−21 53.8	1.256	2.142	17.5	19.2

285788 2000 WE_{73} 6 15.5 286°.25 2°.7/15.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 2.70	−30 15.1	2.236	3.074	12.3	20.7
5 21	17 57.73	−30 38.6	2.133	3.050	9.6	20.5
5 31	17 50.50	−30 57.9	2.052	3.026	6.5	20.3
6 10	17 41.59	−31 10.4	1.997	3.002	3.5	20.0
6 20	17 31.85	−31 14.2	1.970	2.977	3.2	20.0
6 30	17 22.33	−31 8.9	1.970	2.953	6.2	20.1
7 10	17 14.05	−30 56.0	1.996	2.928	9.7	20.3
7 20	17 7.79	−30 38.2	2.045	2.903	12.8	20.4

519162 2010 NG_{104} 6 15.5 356°.99 0°.9/15.6 16

5 11	17 59.60	−18 34.0	1.714	2.574	14.5	20.3
5 21	17 55.59	−19 9.3	1.638	2.570	11.0	20.1
5 31	17 49.19	−19 50.5	1.585	2.568	7.0	19.9
6 10	17 41.11	−20 36.0	1.555	2.566	2.7	19.6
6 20	17 32.28	−21 23.5	1.552	2.565	2.2	19.6
6 30	17 23.86	−22 11.0	1.575	2.565	6.6	19.8
7 10	17 16.90	−22 57.1	1.622	2.566	10.7	20.1
7 20	17 12.18	−23 41.1	1.692	2.567	14.2	20.3

350313 2012 UB_{55} 6 15.5 151°.91 3°.6/14.7 17

5 11	18 1.54	−14 39.6	2.288	3.124	12.2	21.3
5 21	17 56.23	−13 49.6	2.213	3.129	9.4	21.1
5 31	17 49.17	−13 2.3	2.163	3.133	6.5	20.9
6 10	17 40.99	−12 20.1	2.139	3.138	4.0	20.8
6 20	17 32.44	−11 44.7	2.143	3.142	4.1	20.8
6 30	17 24.32	−11 17.9	2.175	3.146	6.6	21.0
7 10	17 17.39	−11 0.6	2.233	3.149	9.5	21.2
7 20	17 12.16	−10 52.8	2.314	3.153	12.2	21.3

136590 1993 FE_{14} 6 15.5 125°.54 0°.4/15.5 18

5 11	18 1.97	−21 43.9	2.504	3.342	11.2	20.7
5 21	17 56.49	−21 50.6	2.433	3.354	8.4	20.5
5 31	17 49.31	−21 57.7	2.387	3.366	5.3	20.4
6 10	17 41.04	−22 4.3	2.367	3.378	1.9	20.1
6 20	17 32.40	−22 10.0	2.376	3.389	1.6	20.1
6 30	17 24.17	−22 14.9	2.414	3.400	4.9	20.4
7 10	17 17.07	−22 19.7	2.479	3.411	8.0	20.6
7 20	17 11.63	−22 24.9	2.568	3.421	10.7	20.8

173475 2000 SA_{1} 6 15.5 253°.79 12°.3/16.6 18

5 11	18 23.70	−54 41.3	1.959	2.703	17.1	20.1
5 21	18 15.62	−55 48.5	1.864	2.681	15.4	19.9
5 31	18 2.79	−56 35.7	1.787	2.657	13.7	19.8
6 10	17 46.26	−56 52.3	1.731	2.632	12.6	19.6
6 20	17 28.02	−56 30.5	1.697	2.606	12.4	19.6
6 30	17 10.66	−55 28.6	1.687	2.580	13.4	19.6
7 10	16 56.51	−53 53.0	1.699	2.552	15.2	19.6
7 20	16 46.90	−51 54.9	1.731	2.524	17.5	19.7

91725 1999 TM_{158} 6 15.5 279°.87 9°.3/13.9 18

5 11	18 0.03	− 1 11.8	1.860	2.677	15.3	19.2
5 21	17 55.63	− 0 6.0	1.778	2.662	13.0	19.0
5 31	17 49.10	+ 0 46.6	1.716	2.646	10.8	18.9
6 10	17 41.06	+ 1 20.8	1.677	2.631	9.5	18.7
6 20	17 32.34	+ 1 33.2	1.662	2.616	9.7	18.7
6 30	17 23.91	+ 1 22.0	1.671	2.600	11.4	18.8
7 10	17 16.74	+ 0 48.5	1.703	2.585	13.8	18.9
7 20	17 11.53	− 0 3.9	1.754	2.569	16.4	19.1

192841 1999 VV_{138} 6 15.5 249°.92 0°.6/15.5 18

5 11	18 3.29	−23 39.4	1.950	2.798	13.5	20.6
5 21	17 58.19	−24 3.6	1.866	2.792	10.3	20.3
5 31	17 50.76	−24 28.1	1.805	2.786	6.5	20.1
6 10	17 41.67	−24 51.1	1.770	2.781	2.4	19.8
6 20	17 31.85	−25 10.8	1.761	2.775	2.0	19.8
6 30	17 22.40	−25 26.6	1.781	2.769	6.2	20.0
7 10	17 14.36	−25 38.9	1.825	2.763	10.1	20.3
7 20	17 8.50	−25 49.1	1.893	2.756	13.5	20.5

254130 2004 PM_{16} 6 15.5 234°.97 6°.2/14.9 18

5 11	17 58.20	− 2 56.0	2.631	3.437	11.6	20.4
5 21	17 53.61	− 2 25.2	2.548	3.430	9.6	20.2
5 31	17 47.52	− 2 4.7	2.488	3.422	7.7	20.1
6 10	17 40.42	− 1 56.6	2.453	3.415	6.4	20.0
6 20	17 32.91	− 2 2.3	2.444	3.408	6.4	20.0
6 30	17 25.65	− 2 22.0	2.462	3.400	7.8	20.1
7 10	17 19.29	− 2 54.8	2.506	3.392	9.8	20.2
7 20	17 14.31	− 3 38.6	2.572	3.384	11.9	20.3

174740 2003 UY_{228} 6 15.5 304°.38 3°.2/15.6 18

5 11	18 2.92	−30 3.6	1.722	2.575	14.8	19.7
5 21	17 58.48	−30 33.0	1.632	2.557	11.5	19.4
5 31	17 51.24	−30 57.9	1.562	2.540	7.8	19.1
6 10	17 41.93	−31 14.8	1.517	2.522	4.2	18.9
6 20	17 31.62	−31 20.9	1.497	2.505	3.8	18.8
6 30	17 21.65	−31 15.8	1.503	2.489	7.4	19.0
7 10	17 13.34	−31 1.6	1.534	2.472	11.5	19.2
7 20	17 7.62	−30 41.8	1.585	2.456	15.2	19.4

242696 2005 TR_{25} 6 15.5 253°.55 0°.4/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 0.53	−22 14.4	2.535	3.375	11.0	20.9
5 21	17 55.60	−22 12.2	2.439	3.361	8.4	20.7
5 31	17 48.89	−22 9.5	2.368	3.348	5.3	20.5
6 10	17 40.95	−22 6.2	2.323	3.334	1.9	20.3
6 20	17 32.48	−22 1.9	2.306	3.319	1.6	20.2
6 30	17 24.26	−21 57.0	2.318	3.305	5.1	20.4
7 10	17 17.07	−21 52.6	2.357	3.290	8.3	20.6
7 20	17 11.49	−21 49.4	2.420	3.275	11.2	20.8

376200 2011 CP_{116} 6 15.5 248°.89 0°.8/15.4 18

5 11	18 4.53	−21 27.3	1.903	2.750	13.8	22.3
5 21	17 59.21	−21 22.7	1.810	2.735	10.6	22.0
5 31	17 51.46	−21 18.2	1.738	2.719	6.8	21.8
6 10	17 41.96	−21 13.5	1.692	2.703	2.6	21.5
6 20	17 31.63	−21 8.2	1.673	2.686	2.2	21.4
6 30	17 21.62	−21 2.9	1.682	2.669	6.6	21.7
7 10	17 13.02	−20 58.8	1.716	2.651	10.7	21.9
7 20	17 6.64	−20 57.3	1.772	2.633	14.3	22.1

344745 2003 UO_{244} 6 15.5 242°.66 1°.8/15.3 18

5 11	18 2.20	−18 31.5	2.266	3.106	12.1	21.7
5 21	17 57.01	−18 18.8	2.171	3.092	9.3	21.5
5 31	17 49.86	−18 7.8	2.099	3.078	6.0	21.2
6 10	17 41.33	−17 58.8	2.055	3.063	2.7	21.0
6 20	17 32.18	−17 52.1	2.038	3.048	2.6	20.9
6 30	17 23.30	−17 48.4	2.049	3.032	5.9	21.1
7 10	17 15.57	−17 48.3	2.086	3.016	9.4	21.3
7 20	17 9.62	−17 52.5	2.147	3.000	12.5	21.5

437563 2014 AT_{4} 6 15.5 138°.45 1°.2/15.6 17

5 11	18 3.57	−25 48.4	2.004	2.850	13.3	21.5
5 21	17 58.27	−26 8.0	1.929	2.853	10.1	21.3
5 31	17 50.72	−26 25.7	1.876	2.856	6.4	21.0
6 10	17 41.63	−26 39.5	1.849	2.859	2.6	20.8
6 20	17 31.95	−26 48.2	1.850	2.862	2.2	20.8
6 30	17 22.74	−26 51.4	1.877	2.865	6.0	21.0
7 10	17 14.98	−26 50.7	1.931	2.867	9.6	21.2
7 20	17 9.36	−26 47.8	2.007	2.870	12.9	21.5

213038 1998 FV_{128} 6 15.5 59°.86 6°.8/16.5 17

5 11	18 7.70	−41 6.7	1.965	2.781	14.6	19.7
5 21	18 1.66	−41 54.3	1.911	2.802	11.9	19.6
5 31	17 52.91	−42 28.4	1.879	2.823	9.2	19.4
6 10	17 42.41	−42 44.5	1.871	2.844	7.2	19.4
6 20	17 31.40	−42 40.2	1.889	2.866	6.9	19.4
6 30	17 21.22	−42 16.5	1.932	2.887	8.5	19.5
7 10	17 13.02	−41 37.7	1.999	2.908	10.8	19.7
7 20	17 7.49	−40 49.3	2.089	2.930	13.2	19.9

332880 2011 AL_{38} 6 15.5 136°.79 2°.1/15.5 17

5 11	18 4.30	−17 29.8	1.765	2.614	14.7	21.7
5 21	17 58.92	−17 32.6	1.694	2.619	11.2	21.5
5 31	17 51.18	−17 39.8	1.645	2.625	7.2	21.3
6 10	17 41.82	−17 51.1	1.621	2.630	3.2	21.1
6 20	17 31.85	−18 6.0	1.624	2.635	2.9	21.1
6 30	17 22.41	−18 24.1	1.653	2.639	6.8	21.3
7 10	17 14.53	−18 45.3	1.708	2.643	10.7	21.5
7 20	17 8.92	−19 9.2	1.785	2.647	14.2	21.8

8191 Mersenne 6 15.5 217°.78 1°.2/15.6 18

5 11	18 7.19	−26 32.7	1.636	2.487	15.5	18.7
5 21	18 1.57	−26 34.8	1.555	2.481	11.9	18.5
5 31	17 53.09	−26 32.7	1.495	2.476	7.6	18.2
6 10	17 42.58	−26 24.6	1.459	2.469	3.0	17.9
6 20	17 31.21	−26 9.6	1.450	2.463	2.5	17.8
6 30	17 20.41	−25 48.6	1.467	2.456	7.2	18.1
7 10	17 11.44	−25 24.5	1.509	2.448	11.6	18.3
7 20	17 5.18	−25 0.7	1.572	2.440	15.5	18.6

311406 2005 UL_{13} 6 15.5 238°.19 3°.7/14.8 18

5 11	17 59.24	−12 52.6	2.520	3.353	11.3	21.2
5 21	17 54.49	−12 14.6	2.433	3.345	8.8	21.1
5 31	17 48.12	−11 40.5	2.369	3.337	6.2	20.9
6 10	17 40.68	−11 12.0	2.333	3.328	4.1	20.7
6 20	17 32.79	−10 50.8	2.324	3.320	4.1	20.7
6 30	17 25.20	−10 37.8	2.342	3.311	6.4	20.8
7 10	17 18.59	−10 33.5	2.387	3.302	9.1	21.0
7 20	17 13.49	−10 37.8	2.455	3.293	11.6	21.1

434072 2001 XE_{138} 6 15.5 256°.26 2°.4/15.0 18

5 11	18 3.63	−19 31.5	1.866	2.714	14.0	21.4
5 21	17 58.45	−18 47.8	1.775	2.701	10.7	21.2
5 31	17 50.93	−18 3.0	1.707	2.687	7.0	20.9
6 10	17 41.77	−17 18.6	1.665	2.673	3.3	20.7
6 20	17 31.90	−16 36.5	1.649	2.658	3.3	20.6
6 30	17 22.43	−15 59.4	1.661	2.643	7.1	20.8
7 10	17 14.39	−15 29.6	1.697	2.628	11.1	21.0
7 20	17 8.54	−15 8.6	1.756	2.613	14.7	21.2

283890 2004 BY_{110} 6 15.5 256°.20 6°.2/17.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 10.99	−43 21.3	2.293	3.087	13.5	20.7
5 21	18 4.06	−43 24.2	2.194	3.070	11.2	20.5
5 31	17 54.45	−43 11.8	2.117	3.053	8.8	20.3
6 10	17 43.02	−42 40.1	2.064	3.036	6.8	20.2
6 20	17 30.91	−41 47.2	2.039	3.018	6.3	20.1
6 30	17 19.44	−40 34.6	2.041	3.000	7.9	20.2
7 10	17 9.79	−39 7.5	2.070	2.981	10.4	20.3
7 20	17 2.72	−37 32.5	2.123	2.962	13.1	20.5

75502 1999 XZ_{185} 6 15.5 323°.38 3°.9/16.4 18

5 11	18 3.08	−34 9.3	1.524	2.378	16.3	18.6
5 21	17 58.88	−33 57.7	1.436	2.360	12.9	18.3
5 31	17 51.59	−33 33.0	1.368	2.343	8.9	18.0
6 10	17 42.08	−32 52.2	1.323	2.327	5.1	17.8
6 20	17 31.64	−31 54.7	1.303	2.311	4.3	17.7
6 30	17 21.81	−30 43.5	1.308	2.295	8.0	17.8
7 10	17 13.99	−29 24.7	1.336	2.281	12.3	18.1
7 20	17 9.11	−28 5.2	1.385	2.267	16.4	18.3

467589 2007 UT_{141} 6 15.5 160°.11 2°.9/15.1 17

5 11	18 5.23	−17 40.5	1.675	2.525	15.2	21.8
5 21	17 59.69	−17 7.9	1.604	2.529	11.7	21.6
5 31	17 51.68	−16 37.6	1.554	2.533	7.7	21.3
6 10	17 42.01	−16 10.9	1.529	2.536	3.8	21.1
6 20	17 31.75	−15 49.3	1.530	2.538	3.7	21.1
6 30	17 22.09	−15 34.3	1.558	2.541	7.5	21.3
7 10	17 14.09	−15 27.1	1.611	2.543	11.5	21.6
7 20	17 8.49	−15 27.9	1.685	2.544	15.0	21.8

385796 2006 BF_{277} 6 15.5 239°.42 2°.7/15.2 17

5 11	18 3.38	−15 50.9	2.304	3.138	12.2	22.1
5 21	17 57.90	−15 35.9	2.205	3.121	9.4	21.9
5 31	17 50.44	−15 24.1	2.129	3.103	6.3	21.7
6 10	17 41.59	−15 16.3	2.080	3.085	3.3	21.5
6 20	17 32.07	−15 13.1	2.059	3.066	3.2	21.4
6 30	17 22.78	−15 15.1	2.067	3.046	6.3	21.6
7 10	17 14.58	−15 22.5	2.101	3.025	9.6	21.7
7 20	17 8.14	−15 35.4	2.158	3.004	12.7	21.9

147028 2002 RO_{22} 6 15.5 330°.94 2°.7/15.4 17

5 11	17 58.37	−18 24.9	1.166	2.049	18.2	19.8
5 21	17 55.72	−18 12.4	1.087	2.032	14.1	19.5
5 31	17 49.85	−18 4.2	1.028	2.015	9.2	19.2
6 10	17 41.55	−18 1.4	0.989	1.999	4.2	18.9
6 20	17 32.06	−18 4.7	0.973	1.985	3.9	18.8
6 30	17 23.01	−18 14.6	0.979	1.971	9.1	19.0
7 10	17 15.98	−18 31.4	1.006	1.959	14.4	19.3
7 20	17 12.03	−18 54.9	1.050	1.948	19.2	19.5

281570 2008 UH_{97} 6 15.5 233°.45 2°.4/15.4 18

5 11	18 2.31	−16 33.1	2.080	2.922	13.0	20.7
5 21	17 57.22	−16 26.2	1.993	2.914	10.0	20.5
5 31	17 50.06	−16 23.2	1.929	2.906	6.6	20.2
6 10	17 41.45	−16 24.5	1.891	2.898	3.3	20.0
6 20	17 32.22	−16 30.2	1.880	2.889	3.1	20.0
6 30	17 23.31	−16 40.4	1.897	2.879	6.4	20.2
7 10	17 15.64	−16 55.3	1.939	2.870	9.9	20.4
7 20	17 9.88	−17 14.6	2.005	2.860	13.2	20.6

216642 2003 GE_{48} 6 15.5 312°.07 5°.6/14.8 18

5 11	17 58.19	− 9 27.5	1.990	2.831	13.6	19.7
5 21	17 54.18	− 8 50.4	1.902	2.815	10.9	19.5
5 31	17 48.18	− 8 21.1	1.836	2.799	8.0	19.3
6 10	17 40.79	− 8 2.3	1.794	2.783	5.9	19.2
6 20	17 32.76	− 7 56.0	1.778	2.768	5.9	19.1
6 30	17 25.01	− 8 3.1	1.788	2.753	8.3	19.2
7 10	17 18.43	− 8 23.2	1.822	2.739	11.3	19.4
7 20	17 13.67	− 8 54.8	1.878	2.725	14.3	19.6

381815 2009 VT_{45} 6 15.5 194°.54 4°.9/14.3 17

5 11	18 3.42	−13 32.2	1.948	2.788	13.8	21.2
5 21	17 57.99	−12 22.3	1.871	2.786	10.8	21.0
5 31	17 50.47	−11 15.3	1.817	2.785	7.7	20.8
6 10	17 41.57	−10 14.7	1.788	2.783	5.2	20.6
6 20	17 32.17	− 9 23.7	1.787	2.781	5.4	20.6
6 30	17 23.25	− 8 45.1	1.813	2.778	8.1	20.8
7 10	17 15.71	− 8 20.2	1.863	2.775	11.3	21.0
7 20	17 10.18	− 8 9.0	1.936	2.772	14.3	21.2

519492 2012 DQ_{103} 6 15.5 151°.08 4°.4/15.8 17

5 11	18 8.07	−32 39.3	1.671	2.513	15.6	21.7
5 21	18 2.33	−33 18.5	1.599	2.517	12.2	21.5
5 31	17 53.61	−33 50.4	1.549	2.520	8.5	21.2
6 10	17 42.80	−34 10.2	1.523	2.523	5.1	21.1
6 20	17 31.16	−34 15.2	1.523	2.526	4.8	21.0
6 30	17 20.18	−34 5.1	1.548	2.528	7.9	21.2
7 10	17 11.19	−33 43.4	1.598	2.530	11.6	21.4
7 20	17 5.04	−33 14.8	1.670	2.532	15.0	21.7

430993 2005 XO_{37} 6 15.5 208°.61 0°.6/15.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 4.56	−24 18.2	1.995	2.840	13.4	21.8
5 21	17 59.09	−24 31.7	1.912	2.836	10.2	21.6
5 31	17 51.32	−24 44.1	1.852	2.832	6.5	21.4
6 10	17 41.93	−24 54.0	1.817	2.828	2.4	21.1
6 20	17 31.86	−25 0.2	1.810	2.823	2.0	21.1
6 30	17 22.20	−25 2.5	1.830	2.818	6.1	21.3
7 10	17 13.96	−25 2.2	1.876	2.812	9.9	21.6
7 20	17 7.89	−25 1.0	1.945	2.807	13.3	21.8

40677 1999 RP_{206} 6 15.5 177°.53 5°.7/13.9 18

5 11	17 59.16	− 5 58.8	2.757	3.569	11.0	19.2
5 21	17 54.21	− 4 54.9	2.681	3.570	9.0	19.0
5 31	17 47.85	− 3 58.0	2.630	3.571	7.1	18.9
6 10	17 40.58	− 3 10.7	2.604	3.571	5.8	18.8
6 20	17 32.99	− 2 35.2	2.607	3.572	6.0	18.8
6 30	17 25.71	− 2 13.1	2.636	3.572	7.4	18.9
7 10	17 19.33	− 2 4.3	2.691	3.571	9.4	19.0
7 20	17 14.31	− 2 7.9	2.769	3.571	11.4	19.2

308733 2006 HC_{69} 6 15.5 89°.36 2°.3/15.6 17

5 11	18 8.20	−26 31.3	1.411	2.269	17.1	21.0
5 21	18 2.56	−27 10.1	1.351	2.281	13.1	20.8
5 31	17 53.77	−27 46.5	1.312	2.294	8.4	20.6
6 10	17 42.85	−28 16.6	1.297	2.306	3.7	20.3
6 20	17 31.17	−28 37.2	1.307	2.319	3.3	20.3
6 30	17 20.31	−28 47.8	1.343	2.331	7.8	20.6
7 10	17 11.64	−28 50.4	1.402	2.343	12.2	20.9
7 20	17 6.01	−28 48.3	1.481	2.354	16.0	21.2

18313 1981 EB_{23} 6 15.5 295°.63 1°.9/15.6 18

5 11	18 3.90	−26 41.6	1.528	2.388	15.9	17.9
5 21	17 59.59	−27 0.5	1.432	2.364	12.4	17.6
5 31	17 52.20	−27 17.0	1.358	2.340	8.1	17.3
6 10	17 42.42	−27 28.4	1.306	2.316	3.5	16.9
6 20	17 31.39	−27 32.2	1.280	2.292	3.0	16.8
6 30	17 20.62	−27 28.0	1.278	2.268	7.8	17.1
7 10	17 11.60	−27 17.8	1.300	2.244	12.7	17.3
7 20	17 5.44	−27 4.7	1.343	2.221	17.0	17.5

377767 2005 YX_{118} 6 15.5 209°.21 0°.1/15.5 17

5 11	18 4.64	−23 57.5	2.184	3.023	12.6	21.8
5 21	17 58.94	−23 52.0	2.096	3.017	9.5	21.6
5 31	17 51.12	−23 44.5	2.031	3.011	6.0	21.4
6 10	17 41.84	−23 34.4	1.993	3.004	2.2	21.1
6 20	17 31.97	−23 21.4	1.983	2.997	1.8	21.1
6 30	17 22.48	−23 6.5	2.002	2.989	5.7	21.3
7 10	17 14.31	−22 51.1	2.047	2.980	9.3	21.5
7 20	17 8.13	−22 37.1	2.115	2.971	12.5	21.7

125195 2001 UA_{127} 6 15.5 252°.85 3°.8/15.2 18

5 11	18 2.67	−14 19.7	1.830	2.676	14.3	20.3
5 21	17 57.76	−13 58.0	1.744	2.665	11.2	20.0
5 31	17 50.55	−13 41.7	1.679	2.653	7.6	19.8
6 10	17 41.68	−13 32.2	1.639	2.642	4.4	19.6
6 20	17 32.09	−13 30.5	1.626	2.630	4.3	19.5
6 30	17 22.83	−13 37.3	1.639	2.618	7.6	19.7
7 10	17 14.96	−13 52.6	1.676	2.605	11.3	19.9
7 20	17 9.23	−14 15.8	1.736	2.593	14.8	20.1

205944 2002 JV_{62} 6 15.5 36°.80 5°.1/15.3 17

5 11	18 1.93	−14 6.4	1.121	1.998	19.3	19.5
5 21	17 57.92	−13 33.3	1.074	2.011	14.9	19.3
5 31	17 50.85	−13 9.6	1.045	2.026	10.2	19.1
6 10	17 41.78	−12 57.8	1.037	2.041	6.0	18.9
6 20	17 32.13	−12 59.2	1.052	2.057	5.8	18.9
6 30	17 23.43	−13 13.8	1.089	2.074	9.6	19.2
7 10	17 16.94	−13 40.3	1.148	2.092	14.0	19.5
7 20	17 13.40	−14 16.0	1.225	2.110	17.9	19.8

59075 1998 VT_{13} 6 15.5 218°.56 3°.1/15.7 17

5 11	18 9.21	−29 39.2	1.630	2.476	15.8	19.6
5 21	18 3.35	−30 7.1	1.547	2.469	12.3	19.3
5 31	17 54.39	−30 30.1	1.485	2.462	8.2	19.1
6 10	17 43.17	−30 44.0	1.448	2.454	4.2	18.8
6 20	17 30.94	−30 46.0	1.437	2.445	3.8	18.8
6 30	17 19.23	−30 36.1	1.452	2.436	7.7	19.0
7 10	17 9.44	−30 16.9	1.491	2.427	12.0	19.2
7 20	17 2.56	−29 53.0	1.552	2.416	15.8	19.4

80711 2000 CN_{19} 6 15.5 207°.48 1°.3/15.4 18

5 11	18 5.50	−20 9.5	2.069	2.909	13.1	20.9
5 21	17 59.66	−19 57.8	1.982	2.903	10.0	20.6
5 31	17 51.64	−19 46.6	1.917	2.896	6.4	20.4
6 10	17 42.08	−19 36.1	1.879	2.889	2.6	20.2
6 20	17 31.88	−19 26.3	1.869	2.881	2.4	20.1
6 30	17 22.07	−19 18.1	1.887	2.872	6.2	20.4
7 10	17 13.60	−19 12.5	1.931	2.862	10.0	20.6
7 20	17 7.18	−19 10.6	1.999	2.852	13.3	20.8

521297 2015 KN_{112} 6 15.5 128°.00 4°.9/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 0.67	−10 0.2	2.179	3.011	12.9	21.7
5 21	17 55.71	− 9 24.8	2.109	3.017	10.2	21.6
5 31	17 48.96	− 8 56.6	2.062	3.024	7.4	21.4
6 10	17 41.05	− 8 37.8	2.040	3.030	5.2	21.3
6 20	17 32.74	− 8 29.6	2.045	3.036	5.2	21.3
6 30	17 24.85	− 8 32.8	2.077	3.041	7.4	21.4
7 10	17 18.14	− 8 46.9	2.135	3.047	10.1	21.6
7 20	17 13.15	− 9 10.4	2.214	3.052	12.7	21.8

6532 Scarfe 6 15.5 301°.61 0°.8/15.5 18 R

5 11	17 59.85	−20 27.2	2.203	3.051	12.2	17.4
5 21	17 55.35	−20 33.1	2.115	3.040	9.3	17.2
5 31	17 48.91	−20 40.8	2.049	3.030	5.9	16.9
6 10	17 41.09	−20 49.5	2.010	3.020	2.3	16.7
6 20	17 32.67	−20 59.0	1.997	3.010	1.9	16.6
6 30	17 24.55	−21 9.0	2.013	3.000	5.6	16.9
7 10	17 17.58	−21 19.9	2.054	2.991	9.1	17.1
7 20	17 12.40	−21 32.1	2.118	2.981	12.3	17.2

513211 2005 UX_{55} 6 15.5 200°.87 0°.2/15.5 18

5 11	18 0.42	−22 28.1	2.837	3.672	10.1	22.7
5 21	17 55.31	−22 30.3	2.749	3.668	7.6	22.6
5 31	17 48.65	−22 32.1	2.686	3.665	4.8	22.4
6 10	17 40.95	−22 33.1	2.650	3.661	1.8	22.2
6 20	17 32.83	−22 33.1	2.643	3.656	1.4	22.1
6 30	17 24.98	−22 32.1	2.665	3.652	4.5	22.3
7 10	17 18.08	−22 31.0	2.715	3.647	7.4	22.5
7 20	17 12.62	−22 30.4	2.790	3.641	10.0	22.7

501638 2014 SD_{216} 6 15.5 291°.61 6°.5/14.9 18

5 11	18 2.71	−11 27.4	1.361	2.219	17.6	21.1
5 21	17 58.74	−10 43.6	1.267	2.193	14.1	20.8
5 31	17 51.72	−10 7.6	1.193	2.165	10.3	20.5
6 10	17 42.31	− 9 43.4	1.141	2.138	7.0	20.3
6 20	17 31.60	− 9 34.4	1.112	2.110	7.1	20.2
6 30	17 21.06	− 9 43.0	1.107	2.083	10.8	20.3
7 10	17 12.18	−10 9.1	1.123	2.055	15.4	20.5
7 20	17 6.08	−10 50.7	1.158	2.028	19.8	20.6

64572 2001 WA_{39} 6 15.5 162°.37 1°.8/15.4 18 R

5 11	18 4.31	−17 50.3	2.236	3.072	12.4	19.8
5 21	17 58.49	−17 46.8	2.159	3.078	9.5	19.6
5 31	17 50.75	−17 46.0	2.107	3.083	6.1	19.4
6 10	17 41.73	−17 47.9	2.081	3.088	2.8	19.2
6 20	17 32.22	−17 52.4	2.083	3.093	2.5	19.2
6 30	17 23.14	−17 59.5	2.113	3.097	5.8	19.4
7 10	17 15.31	−18 9.7	2.171	3.100	9.1	19.7
7 20	17 9.33	−18 22.9	2.252	3.102	12.1	19.8

77566 2001 KO_{4} 6 15.5 53°.19 2°.1/15.2 18

5 11	18 3.88	−20 37.0	1.421	2.285	16.7	19.2
5 21	17 59.04	−20 2.4	1.359	2.293	12.7	19.0
5 31	17 51.44	−19 27.7	1.317	2.301	8.1	18.8
6 10	17 42.02	−18 54.1	1.299	2.309	3.4	18.5
6 20	17 32.02	−18 23.4	1.306	2.318	3.2	18.5
6 30	17 22.79	−17 57.9	1.338	2.326	7.8	18.8
7 10	17 15.51	−17 39.5	1.394	2.335	12.2	19.1
7 20	17 10.89	−17 29.3	1.470	2.344	16.0	19.4

330654 2008 FA_{113} 6 15.5 345°.21 4°.6/15.3 16

5 11	17 56.33	−15 12.4	1.125	2.011	18.6	21.0
5 21	17 54.12	−14 47.0	1.054	1.998	14.5	20.7
5 31	17 48.80	−14 29.1	1.002	1.986	9.9	20.4
6 10	17 41.21	−14 21.6	0.970	1.976	5.6	20.2
6 20	17 32.58	−14 26.1	0.960	1.968	5.4	20.1
6 30	17 24.50	−14 43.2	0.971	1.961	9.7	20.3
7 10	17 18.40	−15 12.2	1.003	1.955	14.6	20.6
7 20	17 15.29	−15 50.8	1.053	1.951	19.1	20.8

200798 2001 XD_{116} 6 15.5 222°.68 2°.9/15.7 17

5 11	18 8.89	−29 34.4	1.717	2.559	15.3	20.2
5 21	18 2.97	−29 58.1	1.630	2.551	11.8	19.9
5 31	17 54.11	−30 16.8	1.566	2.542	7.9	19.7
6 10	17 43.09	−30 26.8	1.526	2.532	4.0	19.4
6 20	17 31.09	−30 25.7	1.513	2.522	3.5	19.3
6 30	17 19.57	−30 13.4	1.526	2.511	7.4	19.6
7 10	17 9.86	−29 52.7	1.565	2.500	11.6	19.8
7 20	17 2.92	−29 27.8	1.625	2.487	15.4	20.0

136935 1998 QK_{6} 6 15.5 292°.57 1°.9/15.2 18

5 11	17 56.33	−16 54.1	3.051	3.887	9.4	19.8
5 21	17 52.16	−16 35.6	2.953	3.871	7.2	19.6
5 31	17 46.65	−16 18.9	2.880	3.856	4.8	19.4
6 10	17 40.24	−16 4.7	2.835	3.840	2.5	19.3
6 20	17 33.43	−15 53.6	2.818	3.824	2.4	19.2
6 30	17 26.82	−15 46.2	2.829	3.809	4.7	19.4
7 10	17 20.99	−15 43.0	2.867	3.793	7.3	19.5
7 20	17 16.37	−15 44.2	2.930	3.778	9.7	19.7

305363 2008 BO_{40} 6 15.5 111°.06 4°.4/16.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 5.63	−37 10.6	2.449	3.265	12.1	21.4
5 21	17 59.59	−37 36.5	2.381	3.278	9.6	21.3
5 31	17 51.46	−37 53.2	2.336	3.292	7.0	21.1
6 10	17 41.98	−37 57.9	2.317	3.305	4.9	21.0
6 20	17 32.07	−37 49.2	2.326	3.317	4.6	21.0
6 30	17 22.71	−37 27.7	2.362	3.330	6.4	21.2
7 10	17 14.81	−36 56.3	2.424	3.342	8.8	21.3
7 20	17 8.97	−36 18.6	2.510	3.354	11.2	21.5

111603 2002 AA_{86} 6 15.5 231°.96 3°.0/15.2 18

5 11	18 0.06	−13 29.5	2.626	3.456	11.0	20.8
5 21	17 55.14	−13 15.9	2.534	3.446	8.5	20.6
5 31	17 48.60	−13 6.8	2.466	3.435	5.8	20.4
6 10	17 40.97	−13 3.2	2.425	3.424	3.5	20.2
6 20	17 32.85	−13 5.4	2.411	3.413	3.4	20.2
6 30	17 24.98	−13 13.9	2.426	3.401	5.8	20.3
7 10	17 18.03	−13 28.4	2.468	3.389	8.6	20.5
7 20	17 12.55	−13 48.6	2.534	3.376	11.2	20.7

508868 2002 VV_{87} 6 15.5 226°.27 0°.9/15.4 18

5 11	18 2.41	−21 35.8	2.777	3.609	10.4	22.4
5 21	17 56.86	−21 15.3	2.679	3.596	7.9	22.2
5 31	17 49.66	−20 53.5	2.605	3.583	5.0	22.0
6 10	17 41.35	−20 30.8	2.558	3.568	2.0	21.7
6 20	17 32.57	−20 7.6	2.541	3.554	1.8	21.7
6 30	17 24.05	−19 45.0	2.554	3.538	4.9	21.9
7 10	17 16.50	−19 24.4	2.594	3.522	7.9	22.1
7 20	17 10.46	−19 6.9	2.660	3.505	10.6	22.2

40766 1999 TB_{17} 6 15.5 202°.79 0°.3/15.6 18

5 11	18 0.63	−24 15.5	2.944	3.777	9.8	19.1
5 21	17 55.45	−24 21.8	2.854	3.773	7.4	18.9
5 31	17 48.75	−24 26.8	2.790	3.768	4.7	18.7
6 10	17 41.01	−24 29.9	2.753	3.763	1.7	18.5
6 20	17 32.86	−24 30.7	2.745	3.758	1.4	18.5
6 30	17 24.97	−24 29.3	2.766	3.752	4.4	18.7
7 10	17 18.00	−24 26.4	2.815	3.746	7.2	18.8
7 20	17 12.44	−24 23.1	2.889	3.740	9.7	19.0

428721 2008 RP_{53} 6 15.5 320°.79 7°.3/14.6 18

5 11	18 0.27	− 7 49.2	1.634	2.478	15.9	21.2
5 21	17 56.06	− 6 51.2	1.560	2.472	12.9	21.0
5 31	17 49.52	− 6 3.2	1.507	2.466	9.8	20.8
6 10	17 41.37	− 5 29.6	1.477	2.460	7.6	20.6
6 20	17 32.56	− 5 13.3	1.472	2.455	7.7	20.6
6 30	17 24.20	− 5 16.0	1.491	2.450	10.1	20.8
7 10	17 17.32	− 5 36.7	1.532	2.445	13.3	20.9
7 20	17 12.63	− 6 13.0	1.594	2.441	16.4	21.1

311389 2005 TB_{26} 6 15.5 231°.05 0°.3/15.6 18

5 11	18 1.02	−24 9.5	2.753	3.588	10.4	22.1
5 21	17 55.89	−24 13.8	2.658	3.578	7.9	21.9
5 31	17 49.10	−24 16.9	2.588	3.567	5.0	21.7
6 10	17 41.16	−24 18.0	2.545	3.556	1.8	21.5
6 20	17 32.74	−24 16.6	2.531	3.544	1.5	21.5
6 30	17 24.57	−24 13.1	2.546	3.533	4.7	21.7
7 10	17 17.36	−24 8.3	2.588	3.521	7.7	21.8
7 20	17 11.67	−24 3.3	2.655	3.508	10.4	22.0

102105 1999 RA_{163} 6 15.6 201°.83 6°.4/14.4 18

5 11	17 58.35	− 1 9.5	2.932	3.724	10.9	20.3
5 21	17 53.61	− 0 24.9	2.851	3.720	9.1	20.1
5 31	17 47.53	+ 0 10.1	2.794	3.716	7.5	20.0
6 10	17 40.56	+ 0 33.0	2.763	3.711	6.5	19.9
6 20	17 33.25	+ 0 42.2	2.758	3.706	6.6	19.9
6 30	17 26.18	+ 0 37.2	2.780	3.701	7.7	20.0
7 10	17 19.92	+ 0 18.6	2.828	3.695	9.4	20.1
7 20	17 14.91	− 0 12.0	2.897	3.689	11.2	20.2

305484 2008 DB_{84} 6 15.6 203°.38 3°.7/15.1 18

5 11	17 59.56	−11 17.6	2.632	3.459	11.0	21.3
5 21	17 54.70	−10 56.5	2.548	3.456	8.7	21.1
5 31	17 48.29	−10 41.0	2.488	3.452	6.1	20.9
6 10	17 40.86	−10 32.3	2.455	3.448	4.1	20.8
6 20	17 33.01	−10 31.3	2.449	3.444	4.1	20.8
6 30	17 25.44	−10 38.3	2.471	3.439	6.1	20.9
7 10	17 18.82	−10 53.1	2.520	3.435	8.7	21.1
7 20	17 13.63	−11 14.8	2.593	3.429	11.1	21.2

471276 2011 FT_{33} 6 15.6 343°.71 7°.3/14.9 16

5 11	17 55.57	−10 6.1	1.236	2.110	18.0	20.3
5 21	17 53.26	− 9 18.7	1.163	2.095	14.5	20.1
5 31	17 48.13	− 8 42.3	1.109	2.082	10.7	19.8
6 10	17 40.98	− 8 21.7	1.075	2.070	7.8	19.6
6 20	17 32.90	− 8 20.4	1.063	2.059	7.8	19.6
6 30	17 25.27	− 8 39.5	1.073	2.049	10.9	19.7
7 10	17 19.41	− 9 17.6	1.103	2.042	14.9	19.9
7 20	17 16.21	−10 11.1	1.152	2.036	18.8	20.1

359468 2010 NH_{70} 6 15.6 306°.12 7°.3/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 5.52	−42 35.8	2.139	2.949	13.8	20.4
5 21	18 0.38	−43 28.9	2.051	2.935	11.6	20.2
5 31	17 52.47	−44 10.3	1.985	2.921	9.3	20.0
6 10	17 42.53	−44 34.8	1.943	2.908	7.6	19.9
6 20	17 31.65	−44 38.8	1.926	2.894	7.5	19.9
6 30	17 21.18	−44 21.5	1.934	2.881	9.0	19.9
7 10	17 12.41	−43 46.0	1.966	2.869	11.3	20.1
7 20	17 6.22	−42 57.4	2.020	2.856	13.8	20.2

367927 2012 BQ_{152} 6 15.6 48°.66 2°.7/15.6 17

5 11	18 3.99	−16 11.1	1.390	2.252	17.1	20.4
5 21	17 59.28	−16 18.5	1.326	2.258	13.1	20.1
5 31	17 51.73	−16 33.3	1.283	2.264	8.6	19.9
6 10	17 42.23	−16 55.3	1.262	2.270	4.1	19.7
6 20	17 31.97	−17 23.5	1.266	2.277	3.6	19.6
6 30	17 22.37	−17 56.5	1.295	2.283	8.0	19.9
7 10	17 14.66	−18 33.1	1.347	2.290	12.4	20.2
7 20	17 9.68	−19 12.4	1.420	2.297	16.3	20.4

404912 2014 KW_{96} 6 15.6 179°.32 3°.1/15.2 18

5 11	17 59.33	−13 30.5	2.533	3.366	11.2	21.7
5 21	17 54.58	−13 14.2	2.453	3.367	8.7	21.6
5 31	17 48.24	−13 2.6	2.397	3.367	5.9	21.4
6 10	17 40.86	−12 56.5	2.368	3.367	3.6	21.2
6 20	17 33.08	−12 56.7	2.366	3.367	3.5	21.2
6 30	17 25.60	−13 3.4	2.392	3.367	5.8	21.4
7 10	17 19.12	−13 16.4	2.445	3.367	8.6	21.6
7 20	17 14.14	−13 35.2	2.521	3.366	11.1	21.7

463238 2012 EO_{16} 6 15.6 31°.73 1°.9/15.6 17

5 11	18 2.89	−17 57.3	1.283	2.153	17.7	20.7
5 21	17 58.64	−18 10.6	1.224	2.161	13.5	20.5
5 31	17 51.40	−18 30.3	1.184	2.169	8.7	20.2
6 10	17 42.12	−18 55.4	1.167	2.178	3.6	20.0
6 20	17 32.08	−19 24.4	1.174	2.187	3.1	20.0
6 30	17 22.77	−19 55.8	1.205	2.197	8.0	20.3
7 10	17 15.51	−20 28.8	1.259	2.207	12.7	20.6
7 20	17 11.11	−21 2.9	1.333	2.218	16.7	20.8

131457 2001 QJ_{191} 6 15.6 281°.88 15°.3/ 9.7 17

5 11	18 4.46	− 2 1.1	1.134	1.980	21.2	19.0
5 21	18 0.12	+ 1 5.2	1.071	1.970	18.4	18.8
5 31	17 52.52	+ 4 0.6	1.028	1.960	16.1	18.6
6 10	17 42.59	+ 6 30.4	1.005	1.950	15.3	18.5
6 20	17 31.66	+ 8 21.7	1.004	1.940	16.3	18.5
6 30	17 21.34	+ 9 26.7	1.021	1.930	18.7	18.6
7 10	17 13.10	+ 9 45.5	1.056	1.920	21.7	18.8
7 20	17 7.92	+ 9 24.0	1.105	1.911	24.6	19.0

387364 2012 XG_{64} 6 15.6 220°.22 3°.2/15.2 17

5 11	18 0.90	−14 49.9	2.168	3.009	12.6	21.2
5 21	17 56.05	−14 28.1	2.087	3.006	9.7	21.0
5 31	17 49.30	−14 10.5	2.029	3.002	6.6	20.8
6 10	17 41.28	−13 58.3	1.996	2.999	3.8	20.6
6 20	17 32.74	−13 52.2	1.991	2.995	3.7	20.6
6 30	17 24.57	−13 53.0	2.013	2.991	6.5	20.8
7 10	17 17.57	−14 0.8	2.061	2.987	9.7	21.0
7 20	17 12.35	−14 15.2	2.132	2.983	12.6	21.2

71457 2000 AV_{247} 6 15.6 285°.14 4°.2/15.3 18

5 11	18 5.45	−31 22.2	1.918	2.758	14.0	18.6
5 21	18 0.39	−32 20.4	1.822	2.739	11.0	18.4
5 31	17 52.57	−33 15.6	1.749	2.720	7.7	18.1
6 10	17 42.63	−34 3.1	1.701	2.700	4.8	17.9
6 20	17 31.57	−34 38.9	1.679	2.681	4.6	17.9
6 30	17 20.69	−35 0.6	1.684	2.661	7.6	18.0
7 10	17 11.30	−35 9.3	1.714	2.641	11.2	18.2
7 20	17 4.39	−35 7.9	1.766	2.622	14.6	18.3

443442 2014 HT_{152} 6 15.6 164°.69 3°.9/15.8 18

5 11	18 3.95	−34 2.3	2.394	3.221	12.0	21.4
5 21	17 58.50	−34 41.4	2.315	3.222	9.4	21.2
5 31	17 50.93	−35 14.2	2.259	3.223	6.7	21.0
6 10	17 41.90	−35 37.6	2.230	3.224	4.4	20.9
6 20	17 32.25	−35 49.4	2.228	3.225	4.2	20.9
6 30	17 23.00	−35 49.3	2.253	3.226	6.3	21.0
7 10	17 15.08	−35 39.1	2.305	3.226	9.0	21.2
7 20	17 9.14	−35 21.7	2.379	3.227	11.6	21.3

513095 2017 WV_{22} 6 15.6 215°.93 0°.9/15.6 18

5 11	18 4.92	−24 55.5	2.299	3.135	12.1	22.4
5 21	17 59.21	−25 18.5	2.208	3.127	9.2	22.2
5 31	17 51.39	−25 40.8	2.141	3.119	5.9	22.0
6 10	17 42.08	−26 0.3	2.100	3.110	2.3	21.7
6 20	17 32.09	−26 15.7	2.088	3.101	1.9	21.7
6 30	17 22.39	−26 26.4	2.105	3.091	5.6	21.9
7 10	17 13.92	−26 33.1	2.148	3.081	9.0	22.1
7 20	17 7.36	−26 37.2	2.216	3.070	12.1	22.3

462607 2009 HK_{79} 6 15.6 41°.96 1°.6/15.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 3.70	−20 15.0	1.262	2.133	17.9	21.1
5 21	17 59.25	−20 8.0	1.205	2.143	13.6	20.8
5 31	17 51.76	−20 3.5	1.167	2.152	8.7	20.6
6 10	17 42.24	−20 1.1	1.152	2.162	3.4	20.3
6 20	17 32.03	−20 0.7	1.160	2.173	3.0	20.3
6 30	17 22.65	−20 2.9	1.193	2.184	8.0	20.6
7 10	17 15.40	−20 8.6	1.248	2.196	12.8	20.9
7 20	17 11.08	−20 18.4	1.323	2.208	16.8	21.2

191861 2004 XK_{8} 6 15.6 317°.97 2°.4/15.3 17

5 11	17 59.71	−19 26.5	1.440	2.310	16.2	19.2
5 21	17 56.33	−19 1.3	1.349	2.286	12.5	18.9
5 31	17 50.11	−18 37.0	1.278	2.262	8.2	18.6
6 10	17 41.75	−18 14.6	1.229	2.239	3.7	18.2
6 20	17 32.32	−17 55.6	1.205	2.216	3.5	18.2
6 30	17 23.19	−17 41.7	1.205	2.194	8.2	18.4
7 10	17 15.72	−17 34.7	1.227	2.173	13.1	18.6
7 20	17 10.89	−17 35.6	1.269	2.153	17.5	18.8

404909 2014 KM_{92} 6 15.6 262°.62 5°.4/14.8 18

5 11	17 58.37	− 7 33.0	2.423	3.248	11.9	20.6
5 21	17 53.92	− 6 55.3	2.343	3.244	9.6	20.4
5 31	17 47.87	− 6 25.4	2.287	3.240	7.3	20.3
6 10	17 40.76	− 6 5.6	2.255	3.236	5.6	20.2
6 20	17 33.21	− 5 57.4	2.251	3.231	5.7	20.2
6 30	17 25.97	− 6 1.5	2.273	3.227	7.4	20.3
7 10	17 19.71	− 6 17.5	2.320	3.223	9.8	20.4
7 20	17 14.97	− 6 43.9	2.390	3.219	12.2	20.6

430935 2005 UJ_{85} 6 15.6 174°.88 6°.2/14.4 17

5 11	18 2.81	− 9 6.3	1.944	2.776	14.2	22.1
5 21	17 57.57	− 8 3.5	1.872	2.778	11.4	21.9
5 31	17 50.29	− 7 7.9	1.822	2.779	8.5	21.7
6 10	17 41.65	− 6 23.2	1.796	2.780	6.5	21.6
6 20	17 32.52	− 5 52.2	1.798	2.780	6.6	21.6
6 30	17 23.86	− 5 36.7	1.825	2.781	8.8	21.7
7 10	17 16.52	− 5 36.7	1.877	2.781	11.7	21.9
7 20	17 11.15	− 5 50.7	1.950	2.780	14.5	22.1

180979 2005 NW_{7} 6 15.6 235°.37 0°.5/15.5 18

5 11	18 1.33	−22 19.7	2.523	3.362	11.1	21.4
5 21	17 56.24	−22 10.0	2.430	3.352	8.4	21.2
5 31	17 49.39	−21 59.5	2.362	3.341	5.3	21.0
6 10	17 41.33	−21 47.9	2.320	3.331	2.0	20.8
6 20	17 32.77	−21 35.4	2.307	3.320	1.7	20.7
6 30	17 24.49	−21 22.8	2.322	3.309	5.1	21.0
7 10	17 17.27	−21 11.1	2.365	3.297	8.3	21.1
7 20	17 11.68	−21 1.4	2.431	3.285	11.2	21.3

378752 2008 RB_{99} 6 15.6 194°.23 2°.6/15.8 17

5 11	18 5.11	−29 45.8	1.876	2.720	14.1	21.3
5 21	17 59.77	−30 5.4	1.798	2.719	10.9	21.1
5 31	17 51.91	−30 19.6	1.743	2.719	7.2	20.9
6 10	17 42.31	−30 25.9	1.712	2.718	3.7	20.7
6 20	17 32.00	−30 22.5	1.708	2.717	3.2	20.7
6 30	17 22.22	−30 10.0	1.731	2.716	6.6	20.9
7 10	17 14.07	−29 50.6	1.779	2.715	10.4	21.1
7 20	17 8.32	−29 27.7	1.850	2.714	13.7	21.3

94476 2001 TT_{190} 6 15.6 24°.38 5°.6/15.9 17

5 11	18 6.34	−32 46.3	1.172	2.040	19.2	18.6
5 21	18 2.07	−33 34.5	1.112	2.043	15.1	18.3
5 31	17 53.98	−34 13.8	1.071	2.048	10.6	18.1
6 10	17 43.18	−34 37.6	1.051	2.052	6.5	17.9
6 20	17 31.32	−34 41.7	1.053	2.058	6.1	17.9
6 30	17 20.41	−34 26.2	1.079	2.063	9.7	18.1
7 10	17 12.15	−33 56.3	1.125	2.070	14.2	18.3
7 20	17 7.55	−33 18.6	1.191	2.076	18.2	18.6

262443 2006 UM_{95} 6 15.6 153°.83 0°.4/15.6 17

5 11	18 6.30	−22 3.4	1.957	2.799	13.7	21.6
5 21	18 0.34	−22 9.0	1.884	2.807	10.4	21.4
5 31	17 52.10	−22 14.9	1.834	2.814	6.6	21.2
6 10	17 42.34	−22 19.9	1.809	2.820	2.4	20.9
6 20	17 32.01	−22 23.3	1.813	2.826	1.9	20.9
6 30	17 22.20	−22 25.4	1.844	2.831	6.1	21.2
7 10	17 13.90	−22 27.1	1.901	2.836	9.9	21.4
7 20	17 7.78	−22 29.6	1.981	2.840	13.2	21.6

189397 2008 JM_{18} 6 15.6 310°.76 3°.8/15.2 18

5 11	18 0.40	−16 8.2	1.417	2.284	16.6	20.2
5 21	17 56.93	−15 42.9	1.324	2.257	13.0	19.9
5 31	17 50.56	−15 22.1	1.250	2.231	8.8	19.6
6 10	17 41.96	−15 7.7	1.199	2.205	4.7	19.3
6 20	17 32.19	−15 1.3	1.171	2.179	4.6	19.2
6 30	17 22.64	−15 4.4	1.168	2.154	8.9	19.4
7 10	17 14.71	−15 17.6	1.187	2.130	13.8	19.6
7 20	17 9.45	−15 40.5	1.225	2.106	18.2	19.8

155264 2005 WN_{99} 6 15.6 164°.06 0°.7/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 0.18	−21 33.5	2.792	3.628	10.2	21.1
5 21	17 55.12	−21 22.5	2.712	3.632	7.7	20.9
5 31	17 48.55	−21 11.1	2.656	3.635	4.9	20.7
6 10	17 40.99	−20 59.4	2.627	3.637	1.9	20.5
6 20	17 33.08	−20 47.6	2.627	3.640	1.6	20.5
6 30	17 25.51	−20 36.4	2.657	3.642	4.6	20.7
7 10	17 18.90	−20 26.6	2.713	3.644	7.4	20.9
7 20	17 13.75	−20 19.1	2.794	3.646	10.0	21.1

326613 2002 RL_{105} 6 15.6 293°.54 5°.1/15.6 18

5 11	18 6.28	−32 54.8	1.525	2.375	16.4	20.6
5 21	18 1.80	−33 38.9	1.427	2.349	13.1	20.3
5 31	17 53.89	−34 17.2	1.351	2.323	9.3	20.0
6 10	17 43.25	−34 43.9	1.297	2.296	5.9	19.7
6 20	17 31.13	−34 54.1	1.267	2.270	5.6	19.6
6 30	17 19.22	−34 46.2	1.262	2.243	9.1	19.8
7 10	17 9.24	−34 22.8	1.280	2.217	13.5	19.9
7 20	17 2.42	−33 49.5	1.318	2.190	17.7	20.1

427314 2014 WW_{290} 6 15.6 275°.09 4°.9/15.4 17

5 11	18 4.05	−12 41.1	1.473	2.326	16.8	21.6
5 21	17 59.52	−12 22.9	1.384	2.308	13.3	21.3
5 31	17 52.10	−12 13.5	1.315	2.290	9.3	21.0
6 10	17 42.50	−12 15.0	1.270	2.271	5.7	20.8
6 20	17 31.80	−12 28.6	1.248	2.252	5.5	20.7
6 30	17 21.36	−12 54.5	1.252	2.233	9.2	20.8
7 10	17 12.56	−13 31.6	1.279	2.213	13.7	21.0
7 20	17 6.40	−14 18.1	1.326	2.194	17.8	21.2

342340 2008 TH_{126} 6 15.6 341°.07 10°.3/15.8 16

5 11	18 3.78	−42 12.9	1.339	2.184	18.6	19.6
5 21	18 0.51	−43 32.0	1.267	2.171	15.7	19.4
5 31	17 53.30	−44 36.5	1.212	2.160	12.8	19.1
6 10	17 43.05	−45 17.2	1.178	2.149	10.7	19.0
6 20	17 31.37	−45 27.3	1.166	2.140	10.5	19.0
6 30	17 20.36	−45 5.3	1.175	2.132	12.4	19.0
7 10	17 11.97	−44 16.5	1.204	2.125	15.5	19.2
7 20	17 7.40	−43 9.7	1.252	2.119	18.7	19.4

20497 Mařenka 6 15.6 179°.31 4°.1/15.2 18

5 11	17 59.09	−10 33.6	2.524	3.352	11.4	19.0
5 21	17 54.41	−10 10.8	2.445	3.352	9.0	18.9
5 31	17 48.16	− 9 54.2	2.390	3.353	6.4	18.7
6 10	17 40.88	− 9 45.4	2.361	3.353	4.4	18.6
6 20	17 33.21	− 9 45.1	2.360	3.353	4.4	18.6
6 30	17 25.84	− 9 53.8	2.386	3.353	6.4	18.7
7 10	17 19.45	−10 10.9	2.438	3.352	8.9	18.9
7 20	17 14.54	−10 35.5	2.514	3.352	11.4	19.0

507700 2013 TJ_{72} 6 15.6 307°.41 1°.0/15.7 17

5 11	18 2.51	−25 39.8	1.389	2.258	16.8	21.4
5 21	17 58.79	−25 41.4	1.297	2.234	13.0	21.1
5 31	17 51.86	−25 39.8	1.225	2.210	8.4	20.7
6 10	17 42.48	−25 33.2	1.175	2.186	3.3	20.4
6 20	17 31.83	−25 20.2	1.149	2.163	2.6	20.3
6 30	17 21.49	−25 1.7	1.147	2.140	8.1	20.5
7 10	17 13.02	−24 40.5	1.168	2.117	13.3	20.7
7 20	17 7.53	−24 20.0	1.209	2.095	17.9	21.0

106130 2000 TC_{39} 6 15.6 232°.32 2°.9/15.7 18

5 11	18 3.85	−31 30.8	2.626	3.453	11.1	20.5
5 21	17 58.32	−32 5.7	2.533	3.442	8.6	20.3
5 31	17 50.82	−32 36.4	2.463	3.432	5.9	20.1
6 10	17 41.91	−33 0.3	2.421	3.421	3.5	19.9
6 20	17 32.36	−33 15.4	2.406	3.409	3.3	19.9
6 30	17 23.05	−33 21.2	2.420	3.398	5.6	20.0
7 10	17 14.86	−33 18.7	2.461	3.385	8.4	20.2
7 20	17 8.44	−33 10.1	2.527	3.373	11.1	20.3

244330 2002 JW_{11} 6 15.6 41°.70 6°.7/15.4 18

5 11	18 8.78	−34 25.8	1.394	2.245	17.7	20.1
5 21	18 3.68	−35 45.0	1.329	2.248	14.1	19.9
5 31	17 54.97	−36 56.7	1.284	2.251	10.3	19.7
6 10	17 43.58	−37 53.0	1.262	2.254	7.2	19.5
6 20	17 31.02	−38 27.9	1.263	2.258	7.1	19.5
6 30	17 19.17	−38 39.5	1.289	2.262	10.0	19.7
7 10	17 9.71	−38 31.3	1.337	2.266	13.7	19.9
7 20	17 3.72	−38 9.6	1.405	2.270	17.2	20.1

350358 2012 UU_{124} 6 15.6 94°.52 0°.5/15.7 17

5 11	18 2.69	−25 25.7	2.007	2.854	13.2	21.5
5 21	17 57.64	−25 17.6	1.930	2.855	10.0	21.3
5 31	17 50.42	−25 6.3	1.875	2.856	6.4	21.0
6 10	17 41.75	−24 51.2	1.846	2.857	2.4	20.8
6 20	17 32.54	−24 32.4	1.845	2.858	1.9	20.7
6 30	17 23.83	−24 10.9	1.871	2.859	5.9	21.0
7 10	17 16.55	−23 48.9	1.922	2.860	9.6	21.2
7 20	17 11.34	−23 28.4	1.996	2.861	12.8	21.4

224288 2005 TD_{100} 6 15.6 167°.12 0°.7/15.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 5.52	−25 20.4	1.929	2.773	13.8	21.5
5 21	17 59.87	−25 22.8	1.852	2.776	10.5	21.3
5 31	17 51.88	−25 22.5	1.798	2.778	6.7	21.1
6 10	17 42.29	−25 18.3	1.770	2.781	2.5	20.8
6 20	17 32.11	−25 9.6	1.769	2.782	2.0	20.8
6 30	17 22.45	−24 57.1	1.796	2.784	6.1	21.1
7 10	17 14.33	−24 42.6	1.848	2.785	10.0	21.3
7 20	17 8.45	−24 28.4	1.923	2.786	13.3	21.5

383982 2008 TJ_{116} 6 15.6 236°.38 0°.1/15.6 17

5 11	18 3.58	−24 7.1	1.983	2.830	13.4	21.3
5 21	17 58.40	−23 54.6	1.898	2.823	10.2	21.1
5 31	17 50.96	−23 39.6	1.836	2.817	6.5	20.9
6 10	17 41.98	−23 21.7	1.799	2.811	2.4	20.6
6 20	17 32.36	−23 1.1	1.790	2.804	1.9	20.5
6 30	17 23.18	−22 39.0	1.808	2.797	6.1	20.8
7 10	17 15.42	−22 17.3	1.852	2.790	9.9	21.0
7 20	17 9.78	−21 58.2	1.919	2.782	13.3	21.2

276288 2002 TS_{30} 6 15.6 240°.17 1°.4/15.7 17

5 11	18 6.89	−26 46.5	1.996	2.835	13.6	21.8
5 21	18 1.13	−26 59.3	1.899	2.819	10.4	21.6
5 31	17 52.85	−27 9.2	1.825	2.803	6.8	21.4
6 10	17 42.73	−27 13.9	1.777	2.786	2.9	21.1
6 20	17 31.73	−27 12.1	1.757	2.769	2.4	21.0
6 30	17 21.03	−27 3.7	1.764	2.750	6.4	21.2
7 10	17 11.77	−26 50.5	1.797	2.732	10.4	21.4
7 20	17 4.79	−26 35.3	1.853	2.712	13.9	21.6

275240 2009 XH_{2} 6 15.6 277°.53 7°.4/15.2 17

5 11	18 8.93	−38 42.4	1.802	2.627	15.4	20.6
5 21	18 3.58	−39 58.4	1.710	2.609	12.7	20.4
5 31	17 54.91	−41 6.4	1.640	2.590	9.8	20.2
6 10	17 43.63	−41 59.1	1.594	2.571	7.8	20.0
6 20	17 30.95	−42 30.5	1.572	2.552	7.7	20.0
6 30	17 18.50	−42 38.1	1.576	2.533	9.9	20.0
7 10	17 7.92	−42 24.3	1.604	2.514	13.0	20.2
7 20	17 0.39	−41 54.7	1.652	2.494	16.1	20.3

86265 1999 TT_{249} 6 15.6 125°.92 3°.0/15.0 18

5 11	17 59.82	−14 39.8	2.564	3.397	11.1	19.6
5 21	17 54.88	−14 7.0	2.491	3.405	8.5	19.4
5 31	17 48.42	−13 37.6	2.442	3.413	5.8	19.3
6 10	17 40.98	−13 12.8	2.421	3.421	3.5	19.1
6 20	17 33.21	−12 53.8	2.427	3.428	3.5	19.1
6 30	17 25.82	−12 41.4	2.461	3.435	5.8	19.3
7 10	17 19.44	−12 36.1	2.522	3.442	8.4	19.5
7 20	17 14.56	−12 37.7	2.607	3.449	10.9	19.7

181727 1995 QB_{14} 6 15.6 190°.72 5°.6/14.5 18

5 11	17 59.26	− 4 27.3	2.874	3.677	10.8	21.3
5 21	17 54.34	− 3 43.0	2.794	3.676	8.9	21.2
5 31	17 48.05	− 3 6.8	2.737	3.674	7.0	21.0
6 10	17 40.85	− 2 40.9	2.708	3.672	5.8	20.9
6 20	17 33.31	− 2 26.8	2.705	3.669	5.9	20.9
6 30	17 26.03	− 2 25.4	2.730	3.666	7.2	21.0
7 10	17 19.60	− 2 36.2	2.780	3.662	9.1	21.1
7 20	17 14.46	− 2 57.9	2.854	3.658	11.0	21.3

282944 2007 RQ_{42} 6 15.6 222°.61 1°.4/15.4 17

5 11	18 2.19	−20 43.5	1.986	2.834	13.3	20.7
5 21	17 57.23	−20 19.6	1.907	2.833	10.1	20.5
5 31	17 50.16	−19 55.4	1.851	2.832	6.4	20.3
6 10	17 41.68	−19 31.5	1.821	2.831	2.7	20.0
6 20	17 32.65	−19 8.8	1.818	2.829	2.4	20.0
6 30	17 24.09	−18 48.7	1.842	2.828	6.2	20.3
7 10	17 16.89	−18 32.6	1.891	2.827	9.9	20.5
7 20	17 11.71	−18 21.8	1.963	2.825	13.1	20.7

521381 2015 MT_{141} 6 15.6 357°.85 1°.1/15.8 16

5 11	18 1.79	−28 13.2	1.929	2.779	13.6	20.6
5 21	17 57.06	−27 48.3	1.851	2.777	10.3	20.4
5 31	17 50.09	−27 16.9	1.796	2.776	6.6	20.2
6 10	17 41.65	−26 38.6	1.766	2.776	2.7	19.9
6 20	17 32.69	−25 54.5	1.762	2.775	2.1	19.9
6 30	17 24.29	−25 6.7	1.786	2.776	6.0	20.1
7 10	17 17.41	−24 18.6	1.835	2.776	9.8	20.4
7 20	17 12.67	−23 33.5	1.907	2.777	13.1	20.6

392710 2012 BH_{132} 6 15.6 250°.97 6°.7/15.1 18

5 11	17 59.55	+ 0 22.4	2.816	3.602	11.4	21.3
5 21	17 54.70	+ 0 46.2	2.721	3.585	9.7	21.2
5 31	17 48.37	+ 0 58.3	2.649	3.567	8.0	21.0
6 10	17 41.01	+ 0 56.6	2.602	3.549	6.9	20.9
6 20	17 33.17	+ 0 39.7	2.581	3.530	6.9	20.9
6 30	17 25.51	+ 0 7.5	2.587	3.511	8.1	21.0
7 10	17 18.65	− 0 38.7	2.619	3.492	9.9	21.0
7 20	17 13.09	− 1 36.6	2.674	3.472	11.8	21.2

228643 2002 EP_{33} 6 15.6 163°.04 1°.0/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 4.45	−20 4.2	2.146	2.986	12.7	21.1
5 21	17 58.79	−20 10.1	2.069	2.990	9.7	20.9
5 31	17 51.09	−20 17.6	2.015	2.995	6.1	20.7
6 10	17 42.02	−20 26.2	1.988	2.998	2.4	20.4
6 20	17 32.41	−20 35.3	1.989	3.002	2.0	20.4
6 30	17 23.22	−20 44.7	2.018	3.005	5.7	20.7
7 10	17 15.34	−20 55.0	2.074	3.007	9.3	20.9
7 20	17 9.40	−21 6.5	2.153	3.009	12.4	21.1

183802 2004 BD_{41} 6 15.6 160°.43 0°.6/15.5 17

5 11	18 6.30	−21 50.1	1.863	2.708	14.2	21.7
5 21	18 0.46	−21 46.5	1.789	2.713	10.8	21.5
5 31	17 52.26	−21 42.8	1.737	2.718	6.8	21.3
6 10	17 42.46	−21 38.4	1.711	2.722	2.5	21.0
6 20	17 32.07	−21 33.1	1.713	2.726	2.1	21.0
6 30	17 22.22	−21 27.5	1.742	2.729	6.3	21.3
7 10	17 13.94	−21 22.8	1.796	2.732	10.3	21.5
7 20	17 7.93	−21 20.4	1.873	2.734	13.7	21.7

497195 2004 TQ_{183} 6 15.6 180°.56 1°.4/15.8 17

5 11	18 5.42	−27 37.5	2.440	3.271	11.7	22.9
5 21	17 59.40	−27 45.1	2.357	3.273	8.9	22.7
5 31	17 51.42	−27 49.1	2.298	3.273	5.7	22.5
6 10	17 42.13	−27 47.8	2.265	3.274	2.5	22.3
6 20	17 32.33	−27 40.7	2.262	3.273	2.1	22.3
6 30	17 22.93	−27 28.1	2.287	3.272	5.3	22.5
7 10	17 14.78	−27 11.8	2.339	3.270	8.5	22.7
7 20	17 8.49	−26 53.9	2.416	3.268	11.3	22.9

490244 2008 WH_{66} 6 15.6 288°.47 2°.5/15.0 18

5 11	18 3.76	−19 48.5	1.847	2.696	14.1	22.0
5 21	17 58.89	−19 1.9	1.739	2.665	10.9	21.7
5 31	17 51.52	−18 12.8	1.654	2.634	7.2	21.4
6 10	17 42.30	−17 22.6	1.594	2.602	3.4	21.1
6 20	17 32.12	−16 33.5	1.561	2.570	3.4	21.0
6 30	17 22.14	−15 48.6	1.555	2.538	7.5	21.2
7 10	17 13.51	−15 10.8	1.574	2.505	11.8	21.4
7 20	17 7.10	−14 42.3	1.614	2.472	15.7	21.6

391358 2006 UX_{314} 6 15.6 334°.23 3°.5/14.9 16

5 11	17 59.59	−16 4.9	1.899	2.751	13.6	20.8
5 21	17 55.35	−15 23.1	1.820	2.745	10.5	20.6
5 31	17 49.02	−14 43.8	1.762	2.739	7.1	20.3
6 10	17 41.29	−14 9.3	1.730	2.734	4.1	20.1
6 20	17 32.99	−13 41.3	1.724	2.729	4.1	20.1
6 30	17 25.11	−13 21.7	1.745	2.724	7.2	20.3
7 10	17 18.55	−13 11.5	1.790	2.720	10.7	20.5
7 20	17 13.96	−13 10.7	1.856	2.716	13.9	20.7

375978 2009 WS_{236} 6 15.6 227°.03 2°.7/15.2 18

5 11	18 3.64	−17 17.5	2.064	2.905	13.1	21.5
5 21	17 58.31	−16 47.2	1.976	2.896	10.1	21.2
5 31	17 50.87	−16 18.7	1.910	2.886	6.7	21.0
6 10	17 41.97	−15 53.1	1.870	2.876	3.4	20.8
6 20	17 32.44	−15 31.6	1.858	2.865	3.4	20.8
6 30	17 23.28	−15 15.7	1.874	2.854	6.7	20.9
7 10	17 15.39	−15 6.4	1.915	2.843	10.2	21.1
7 20	17 9.46	−15 4.2	1.979	2.831	13.5	21.3

479180 2013 CU_{53} 6 15.6 144°.36 3°.4/16.1 17

5 11	18 4.08	−35 1.2	2.719	3.537	11.0	21.8
5 21	17 58.29	−35 19.0	2.643	3.545	8.6	21.6
5 31	17 50.66	−35 29.5	2.591	3.552	6.1	21.5
6 10	17 41.83	−35 30.5	2.565	3.559	3.9	21.4
6 20	17 32.59	−35 21.0	2.568	3.566	3.6	21.4
6 30	17 23.78	−35 1.6	2.599	3.572	5.5	21.5
7 10	17 16.20	−34 34.3	2.657	3.578	8.0	21.7
7 20	17 10.40	−34 2.2	2.739	3.584	10.3	21.8

174445 2002 XA_{60} 6 15.6 283°.17 2°.9/14.6 17

5 11	18 9.96	−25 49.3	1.056	1.930	20.4	19.6
5 21	18 4.88	−23 54.4	0.979	1.918	15.8	19.2
5 31	17 55.82	−21 41.0	0.921	1.907	10.2	18.9
6 10	17 43.93	−19 13.3	0.885	1.895	4.3	18.5
6 20	17 30.94	−16 40.9	0.873	1.884	4.7	18.5
6 30	17 18.91	−14 17.0	0.886	1.873	10.9	18.8
7 10	17 9.61	−12 13.7	0.920	1.861	16.9	19.1
7 20	17 4.05	−10 37.8	0.972	1.850	22.0	19.3

285830 2001 DS_{62} 6 15.6 176°.12 2°.3/15.9 18

5 11	18 5.55	−30 6.2	2.220	3.054	12.6	21.3
5 21	17 59.73	−30 18.5	2.140	3.055	9.7	21.1
5 31	17 51.73	−30 25.4	2.083	3.057	6.4	20.9
6 10	17 42.27	−30 24.8	2.052	3.058	3.2	20.7
6 20	17 32.25	−30 15.6	2.049	3.058	2.8	20.7
6 30	17 22.69	−29 58.5	2.075	3.058	5.8	20.9
7 10	17 14.55	−29 35.7	2.126	3.058	9.1	21.1
7 20	17 8.49	−29 10.0	2.201	3.057	12.1	21.3

415295 2013 GW_{63} 6 15.6 350°.53 1°.0/15.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	17 59.29	−23 30.4	1.026	1.918	19.5	19.9
5 21	17 56.76	−23 0.6	0.961	1.910	14.9	19.6
5 31	17 50.67	−22 26.9	0.914	1.904	9.5	19.2
6 10	17 42.05	−21 50.2	0.887	1.899	3.6	18.9
6 20	17 32.40	−21 12.3	0.882	1.896	3.0	18.8
6 30	17 23.53	−20 36.7	0.898	1.893	9.1	19.2
7 10	17 17.06	−20 7.3	0.934	1.892	14.7	19.5
7 20	17 13.95	−19 46.8	0.988	1.893	19.5	19.7

100824 1998 FF_{142} 6 15.6 1°.43 5°.1/15.1 18

5 11	18 0.42	−15 6.9	1.193	2.069	18.4	19.2
5 21	17 56.98	−14 20.9	1.129	2.067	14.3	19.0
5 31	17 50.50	−13 40.8	1.085	2.066	9.8	18.7
6 10	17 41.92	−13 10.0	1.062	2.066	5.8	18.5
6 20	17 32.53	−12 51.5	1.062	2.067	5.8	18.5
6 30	17 23.84	−12 46.9	1.084	2.069	9.7	18.7
7 10	17 17.18	−12 56.4	1.128	2.071	14.3	18.9
7 20	17 13.40	−13 18.4	1.190	2.074	18.3	19.2

1046 Edwin 6 15.6 209°.05 3°.6/15.9 18

5 11	18 4.21	−33 23.9	2.333	3.162	12.2	15.7
5 21	17 58.78	−33 53.0	2.250	3.160	9.6	15.5
5 31	17 51.18	−34 15.6	2.191	3.157	6.7	15.3
6 10	17 42.09	−34 28.9	2.157	3.154	4.2	15.1
6 20	17 32.39	−34 31.2	2.151	3.152	3.9	15.1
6 30	17 23.08	−34 22.3	2.172	3.149	6.2	15.3
7 10	17 15.12	−34 4.3	2.220	3.145	9.1	15.4
7 20	17 9.18	−33 40.3	2.290	3.142	11.9	15.6

380078 2013 SL_{37} 6 15.6 290°.45 1°.8/15.5 18

5 11	18 3.09	−19 22.3	1.534	2.394	15.9	21.0
5 21	17 58.76	−19 16.3	1.445	2.377	12.2	20.7
5 31	17 51.62	−19 13.1	1.377	2.360	7.9	20.4
6 10	17 42.38	−19 12.6	1.333	2.343	3.3	20.1
6 20	17 32.13	−19 14.9	1.314	2.326	3.0	20.0
6 30	17 22.20	−19 20.1	1.320	2.310	7.7	20.3
7 10	17 13.92	−19 29.1	1.350	2.293	12.4	20.5
7 20	17 8.24	−19 42.4	1.401	2.277	16.6	20.7

126227 2002 AB_{52} 6 15.6 136°.72 2°.3/15.5 18

5 11	18 3.62	−17 7.1	1.888	2.733	14.0	20.2
5 21	17 58.37	−17 2.8	1.815	2.738	10.7	20.0
5 31	17 50.93	−17 2.5	1.765	2.743	7.0	19.7
6 10	17 42.00	−17 6.4	1.741	2.748	3.3	19.5
6 20	17 32.51	−17 14.3	1.743	2.753	3.0	19.5
6 30	17 23.51	−17 26.4	1.773	2.757	6.6	19.7
7 10	17 15.94	−17 42.4	1.827	2.761	10.3	20.0
7 20	17 10.47	−18 2.2	1.905	2.765	13.5	20.2

295887 2008 WJ_{67} 6 15.6 170°.81 1°.8/15.3 18

5 11	18 2.94	−18 50.6	2.407	3.243	11.7	21.6
5 21	17 57.40	−18 26.7	2.328	3.246	8.9	21.4
5 31	17 50.11	−18 3.7	2.272	3.249	5.7	21.2
6 10	17 41.67	−17 42.1	2.244	3.252	2.6	21.0
6 20	17 32.80	−17 22.9	2.244	3.254	2.5	21.0
6 30	17 24.34	−17 7.0	2.273	3.255	5.5	21.2
7 10	17 17.02	−16 55.5	2.328	3.256	8.7	21.4
7 20	17 11.40	−16 48.9	2.408	3.256	11.5	21.6

504900 2011 AX_{9} 6 15.6 242°.45 0°.5/15.6 17

5 11	18 5.49	−21 32.5	1.841	2.688	14.2	22.6
5 21	18 0.15	−21 38.4	1.750	2.675	10.9	22.3
5 31	17 52.29	−21 45.3	1.681	2.662	7.0	22.1
6 10	17 42.59	−21 52.2	1.638	2.648	2.6	21.8
6 20	17 32.02	−21 58.2	1.621	2.634	2.1	21.7
6 30	17 21.78	−22 3.4	1.632	2.620	6.6	22.0
7 10	17 13.00	−22 8.5	1.668	2.605	10.8	22.2
7 20	17 6.52	−22 14.8	1.726	2.589	14.6	22.4

142264 2002 RW_{108} 6 15.6 326°.05 1°.4/15.7 18

5 11	18 0.66	−26 8.2	1.217	2.096	17.9	19.7
5 21	17 57.68	−26 14.6	1.136	2.078	13.9	19.4
5 31	17 51.31	−26 17.6	1.074	2.061	9.0	19.0
6 10	17 42.37	−26 14.8	1.033	2.044	3.6	18.7
6 20	17 32.17	−26 4.9	1.015	2.029	2.9	18.6
6 30	17 22.44	−25 48.5	1.020	2.014	8.5	18.8
7 10	17 14.84	−25 28.7	1.046	2.001	13.9	19.1
7 20	17 10.47	−25 9.1	1.091	1.988	18.6	19.3

339425 2005 EB_{67} 6 15.6 180°.88 3°.4/15.9 17

5 11	18 4.96	−32 21.5	2.030	2.867	13.5	21.4
5 21	17 59.58	−32 44.4	1.952	2.867	10.5	21.2
5 31	17 51.79	−33 0.5	1.897	2.867	7.2	21.0
6 10	17 42.35	−33 6.8	1.866	2.867	4.2	20.8
6 20	17 32.26	−33 1.8	1.863	2.867	3.8	20.8
6 30	17 22.68	−32 45.7	1.886	2.867	6.6	21.0
7 10	17 14.65	−32 21.1	1.935	2.867	9.9	21.2
7 20	17 8.90	−31 51.6	2.007	2.866	13.0	21.4

278501 2007 YA_{56} 6 15.6 150°.94 3°.7/15.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 5.47	−13 17.5	1.726	2.568	15.2	20.9
5 21	17 59.94	−13 15.5	1.655	2.573	11.8	20.7
5 31	17 52.00	−13 21.6	1.605	2.578	8.0	20.4
6 10	17 42.43	−13 36.4	1.581	2.583	4.5	20.3
6 20	17 32.21	−13 59.4	1.582	2.587	4.2	20.2
6 30	17 22.50	−14 30.1	1.611	2.591	7.5	20.4
7 10	17 14.35	−15 7.0	1.664	2.595	11.3	20.7
7 20	17 8.49	−15 48.7	1.740	2.598	14.7	20.9

267330 2001 UU_{134} 6 15.6 248°.85 0°.3/15.6 18

5 11	18 4.94	−23 18.3	1.965	2.809	13.5	19.8
5 21	17 59.64	−23 31.5	1.871	2.795	10.4	19.6
5 31	17 51.92	−23 44.6	1.800	2.780	6.6	19.3
6 10	17 42.45	−23 56.3	1.754	2.765	2.5	19.0
6 20	17 32.14	−24 5.2	1.736	2.750	1.9	18.9
6 30	17 22.11	−24 11.2	1.746	2.734	6.3	19.2
7 10	17 13.45	−24 15.0	1.781	2.717	10.3	19.4
7 20	17 6.98	−24 18.2	1.839	2.701	13.9	19.6

387092 2012 TW_{115} 6 15.6 219°.81 2°.0/15.9 18

5 11	18 4.52	−29 21.4	2.157	2.995	12.7	21.8
5 21	17 59.06	−29 25.4	2.071	2.990	9.8	21.6
5 31	17 51.38	−29 24.1	2.009	2.985	6.4	21.4
6 10	17 42.19	−29 15.7	1.972	2.979	3.0	21.2
6 20	17 32.40	−28 59.5	1.963	2.973	2.6	21.1
6 30	17 23.03	−28 36.3	1.982	2.967	5.9	21.3
7 10	17 15.06	−28 8.4	2.026	2.961	9.4	21.5
7 20	17 9.18	−27 38.9	2.095	2.954	12.5	21.7

233710 2008 SM_{97} 6 15.6 143°.63 2°.5/15.9 18

5 11	18 5.60	−30 2.1	2.053	2.891	13.3	20.9
5 21	17 59.92	−30 20.5	1.979	2.897	10.2	20.7
5 31	17 51.93	−30 33.6	1.928	2.902	6.8	20.5
6 10	17 42.39	−30 38.9	1.902	2.907	3.5	20.3
6 20	17 32.27	−30 35.1	1.903	2.912	3.0	20.3
6 30	17 22.68	−30 22.6	1.932	2.916	6.2	20.5
7 10	17 14.62	−30 3.6	1.987	2.920	9.6	20.7
7 20	17 8.77	−29 41.3	2.065	2.924	12.7	21.0

137830 2000 AP_{24} 6 15.6 79°.46 0°.1/15.6 18

5 11	18 6.09	−22 35.1	1.520	2.377	16.2	19.4
5 21	18 0.68	−22 43.8	1.461	2.392	12.2	19.2
5 31	17 52.55	−22 52.8	1.423	2.406	7.7	18.9
6 10	17 42.63	−23 0.4	1.409	2.420	2.8	18.7
6 20	17 32.12	−23 5.8	1.421	2.434	2.2	18.6
6 30	17 22.36	−23 9.1	1.458	2.449	7.0	19.0
7 10	17 14.53	−23 11.5	1.520	2.463	11.3	19.3
7 20	17 9.34	−23 14.7	1.604	2.477	15.0	19.5

393168 2013 CV_{40} 6 15.6 276°.19 5°.1/15.2 18

5 11	17 59.73	− 8 51.4	2.189	3.019	12.8	21.3
5 21	17 55.23	− 8 27.0	2.104	3.010	10.3	21.1
5 31	17 48.90	− 8 10.8	2.041	3.000	7.6	20.9
6 10	17 41.29	− 8 5.1	2.003	2.991	5.5	20.7
6 20	17 33.13	− 8 10.8	1.992	2.982	5.4	20.7
6 30	17 25.26	− 8 28.4	2.007	2.972	7.5	20.8
7 10	17 18.47	− 8 56.9	2.048	2.963	10.3	21.0
7 20	17 13.38	− 9 34.8	2.111	2.953	13.1	21.1

433401 2013 TU_{23} 6 15.6 265°.65 0°.5/15.5 17

5 11	18 3.97	−23 5.1	1.686	2.540	14.9	21.4
5 21	17 59.03	−22 49.8	1.608	2.537	11.4	21.2
5 31	17 51.54	−22 32.7	1.552	2.535	7.2	20.9
6 10	17 42.30	−22 13.6	1.521	2.532	2.7	20.6
6 20	17 32.36	−21 52.8	1.515	2.529	2.2	20.6
6 30	17 22.95	−21 31.9	1.536	2.526	6.8	20.9
7 10	17 15.20	−21 12.9	1.582	2.523	11.1	21.1
7 20	17 9.87	−20 57.8	1.649	2.520	14.8	21.3

40397 1999 NY_{55} 6 15.6 146°.42 1°.1/15.4 18

5 11	18 4.86	−22 41.4	2.057	2.899	13.1	18.4
5 21	17 59.11	−22 3.9	1.983	2.905	9.9	18.2
5 31	17 51.28	−21 23.7	1.931	2.911	6.3	18.0
6 10	17 42.12	−20 41.7	1.907	2.917	2.4	17.8
6 20	17 32.53	−19 59.5	1.910	2.922	2.2	17.8
6 30	17 23.50	−19 19.1	1.941	2.927	6.0	18.0
7 10	17 15.91	−18 43.1	1.998	2.931	9.6	18.3
7 20	17 10.34	−18 13.3	2.079	2.935	12.7	18.5

170710 2004 BC_{38} 6 15.6 112°.32 3°.2/16.1 18

5 11	18 5.83	−33 7.3	2.308	3.135	12.4	20.2
5 21	17 59.81	−33 23.9	2.241	3.150	9.6	20.1
5 31	17 51.71	−33 33.2	2.197	3.164	6.6	19.9
6 10	17 42.28	−33 32.8	2.179	3.179	3.9	19.8
6 20	17 32.42	−33 21.9	2.189	3.193	3.5	19.8
6 30	17 23.14	−33 1.2	2.227	3.206	5.9	19.9
7 10	17 15.32	−32 33.3	2.292	3.219	8.8	20.1
7 20	17 9.55	−32 1.4	2.380	3.232	11.5	20.3

92075 1999 XS_4 6 15.6 216°.66 1°.6/15.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	17 59.88	−18 40.6	2.708	3.545	10.5	20.5
5 21	17 55.02	−18 24.6	2.621	3.539	8.0	20.3
5 31	17 48.61	−18 9.7	2.557	3.534	5.2	20.1
6 10	17 41.16	−17 56.4	2.521	3.529	2.4	19.9
6 20	17 33.29	−17 45.1	2.513	3.523	2.2	19.9
6 30	17 25.70	−17 36.6	2.534	3.517	5.0	20.1
7 10	17 19.07	−17 31.5	2.582	3.510	7.9	20.2
7 20	17 13.88	−17 30.2	2.654	3.504	10.5	20.4

435325 2007 VN_{11} 6 15.6 296°.92 0°.8/15.7 18

5 11	18 3.50	−18 57.2	1.853	2.701	14.1	20.3
5 21	17 58.85	−19 31.2	1.748	2.674	10.9	20.0
5 31	17 51.64	−20 11.5	1.666	2.647	7.0	19.7
6 10	17 42.46	−20 56.7	1.609	2.620	2.7	19.4
6 20	17 32.16	−21 44.5	1.579	2.592	2.2	19.3
6 30	17 21.92	−22 32.7	1.576	2.565	6.7	19.5
7 10	17 12.93	−23 19.9	1.599	2.538	11.1	19.7
7 20	17 6.16	−24 5.6	1.644	2.511	15.0	19.9

120433 3132 $T\text{-}_3$ 6 15.6 298°.56 6°.7/15.4 18

5 11	18 5.98	−40 5.4	2.205	3.020	13.3	19.6
5 21	18 0.70	−41 14.4	2.120	3.009	11.0	19.4
5 31	17 52.76	−42 14.5	2.056	2.999	8.6	19.2
6 10	17 42.83	−43 0.5	2.018	2.988	7.0	19.1
6 20	17 31.92	−43 28.1	2.005	2.978	6.9	19.1
6 30	17 21.30	−43 36.1	2.019	2.968	8.5	19.2
7 10	17 12.21	−43 26.3	2.056	2.958	10.9	19.3
7 20	17 5.56	−43 2.9	2.116	2.948	13.4	19.5

242692 2005 TW_9 6 15.6 234°.03 1°.1/15.5 18

5 11	18 0.57	−19 44.9	2.717	3.552	10.5	21.2
5 21	17 55.60	−19 40.2	2.623	3.542	8.0	21.0
5 31	17 49.03	−19 36.5	2.553	3.531	5.1	20.8
6 10	17 41.34	−19 33.8	2.510	3.519	2.1	20.6
6 20	17 33.17	−19 32.2	2.496	3.508	1.9	20.5
6 30	17 25.24	−19 31.8	2.511	3.496	4.9	20.7
7 10	17 18.24	−19 33.2	2.553	3.483	7.9	20.9
7 20	17 12.71	−19 37.0	2.619	3.471	10.6	21.1

355036 2006 RT_{65} 6 15.6 254°.48 4°.5/15.8 18

5 11	18 6.02	−36 6.1	2.458	3.276	12.0	21.9
5 21	18 0.32	−36 44.4	2.359	3.258	9.6	21.7
5 31	17 52.32	−37 15.6	2.283	3.240	7.1	21.5
6 10	17 42.63	−37 36.1	2.233	3.221	4.9	21.3
6 20	17 32.13	−37 43.4	2.210	3.202	4.7	21.3
6 30	17 21.88	−37 36.7	2.215	3.183	6.7	21.3
7 10	17 12.90	−37 18.0	2.246	3.163	9.5	21.5
7 20	17 5.98	−36 50.6	2.301	3.142	12.2	21.6

213073 1999 TE_{90} 6 15.6 238°.24 6°.4/14.2 18

5 11	17 58.80	− 2 15.6	2.831	3.629	11.1	21.3
5 21	17 54.13	− 1 27.9	2.742	3.616	9.3	21.2
5 31	17 48.04	− 0 49.0	2.676	3.603	7.6	21.1
6 10	17 40.98	− 0 21.8	2.636	3.589	6.5	21.0
6 20	17 33.50	− 0 8.1	2.622	3.575	6.6	21.0
6 30	17 26.23	− 0 8.8	2.635	3.561	7.9	21.0
7 10	17 19.77	− 0 23.5	2.674	3.546	9.7	21.1
7 20	17 14.60	− 0 50.8	2.734	3.531	11.6	21.2

245125 2004 RQ_{52} 6 15.6 203°.05 2°.0/15.8 18

5 11	18 1.97	−29 48.7	2.770	3.599	10.5	20.9
5 21	17 56.72	−30 3.6	2.683	3.596	8.0	20.7
5 31	17 49.75	−30 14.5	2.620	3.593	5.3	20.5
6 10	17 41.62	−30 19.7	2.585	3.590	2.7	20.3
6 20	17 33.02	−30 18.4	2.578	3.586	2.4	20.3
6 30	17 24.72	−30 10.6	2.599	3.582	4.9	20.5
7 10	17 17.48	−29 57.8	2.648	3.578	7.7	20.6
7 20	17 11.83	−29 41.8	2.721	3.573	10.2	20.8

1733 Silke 6 15.6 152°.97 3°.2/15.4 18

5 11	18 6.75	−16 29.7	1.493	2.346	16.6	16.4
5 21	18 1.28	−16 11.7	1.424	2.351	12.8	16.2
5 31	17 53.03	−15 58.7	1.377	2.355	8.5	15.9
6 10	17 42.90	−15 51.4	1.353	2.359	4.3	15.7
6 20	17 32.04	−15 50.6	1.354	2.363	4.0	15.7
6 30	17 21.82	−15 56.6	1.381	2.366	8.0	15.9
7 10	17 13.44	−16 9.6	1.433	2.369	12.4	16.2
7 20	17 7.72	−16 29.3	1.505	2.371	16.2	16.4

190361 1999 FM_{82} 6 15.6 351°.45 12°.2/14.9 17

5 11	17 56.45	− 0 27.0	1.252	2.100	19.5	19.5
5 21	17 53.83	+ 0 48.0	1.190	2.092	16.7	19.3
5 31	17 48.50	+ 1 42.7	1.145	2.085	14.1	19.1
6 10	17 41.28	+ 2 9.5	1.119	2.080	12.4	19.0
6 20	17 33.27	+ 2 3.9	1.114	2.076	12.4	19.0
6 30	17 25.77	+ 1 25.0	1.129	2.073	14.2	19.1
7 10	17 19.99	+ 0 16.8	1.164	2.071	17.0	19.2
7 20	17 16.77	− 1 13.7	1.215	2.071	19.9	19.4

290620 2005 UB_{228} 6 15.6 149°.44 0°.6/15.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 1.50	−24 55.0	2.716	3.551	10.5	21.3
5 21	17 56.28	−25 8.4	2.637	3.556	7.9	21.1
5 31	17 49.43	−25 20.5	2.583	3.562	5.0	20.9
6 10	17 41.49	−25 30.1	2.557	3.567	1.9	20.7
6 20	17 33.14	−25 36.6	2.558	3.571	1.5	20.7
6 30	17 25.13	−25 40.0	2.589	3.576	4.6	20.9
7 10	17 18.14	−25 40.9	2.647	3.580	7.5	21.1
7 20	17 12.70	−25 40.6	2.730	3.584	10.1	21.3

505807 2015 BM_{402} 6 15.6 278°.94 0°.1/15.6 17

5 11	18 4.78	−23 48.9	1.614	2.470	15.4	21.7
5 21	18 0.08	−23 48.3	1.521	2.451	11.9	21.4
5 31	17 52.51	−23 46.3	1.448	2.431	7.6	21.1
6 10	17 42.81	−23 41.7	1.400	2.411	2.8	20.7
6 20	17 32.04	−23 33.6	1.377	2.391	2.2	20.6
6 30	17 21.59	−23 22.6	1.381	2.371	7.3	20.9
7 10	17 12.78	−23 10.8	1.408	2.351	12.0	21.1
7 20	17 6.59	−23 0.4	1.456	2.330	16.2	21.3

493639 2015 PL_{239} 6 15.6 281°.17 3°.6/16.2 18

5 11	18 3.42	−34 24.7	2.301	3.130	12.3	21.1
5 21	17 58.24	−34 35.1	2.214	3.124	9.7	20.9
5 31	17 50.90	−34 37.3	2.151	3.117	6.8	20.7
6 10	17 42.08	−34 29.1	2.113	3.110	4.2	20.6
6 20	17 32.69	−34 9.3	2.101	3.103	3.8	20.5
6 30	17 23.73	−33 38.7	2.118	3.097	6.2	20.7
7 10	17 16.14	−33 0.1	2.160	3.090	9.1	20.8
7 20	17 10.59	−32 17.1	2.226	3.083	12.0	21.0

479939 2014 HN_{150} 6 15.6 234°.08 0°.1/15.6 18

5 11	18 2.22	−22 54.7	2.343	3.184	11.8	21.4
5 21	17 57.14	−23 1.1	2.254	3.176	8.9	21.2
5 31	17 50.14	−23 7.1	2.188	3.168	5.7	21.0
6 10	17 41.81	−23 12.0	2.149	3.160	2.1	20.7
6 20	17 32.89	−23 15.3	2.138	3.152	1.6	20.7
6 30	17 24.28	−23 16.9	2.155	3.143	5.3	20.9
7 10	17 16.80	−23 17.6	2.199	3.134	8.7	21.1
7 20	17 11.10	−23 18.6	2.267	3.125	11.7	21.3

172455 2003 QT_{107} 6 15.6 328°.05 0°.4/15.7 17

5 11	17 59.79	−25 45.5	1.107	1.992	18.8	19.5
5 21	17 57.27	−25 25.5	1.027	1.973	14.5	19.2
5 31	17 51.19	−24 59.0	0.966	1.955	9.4	18.8
6 10	17 42.42	−24 25.4	0.925	1.937	3.5	18.4
6 20	17 32.36	−23 45.3	0.907	1.921	2.7	18.3
6 30	17 22.85	−23 1.7	0.910	1.906	8.9	18.6
7 10	17 15.59	−22 19.8	0.934	1.892	14.7	18.9
7 20	17 11.73	−21 43.8	0.976	1.879	19.8	19.1

232141 2002 CR_{13} 6 15.6 201°.12 0°.5/15.6 18

5 11	18 4.66	−22 9.5	2.152	2.992	12.7	21.2
5 21	17 59.08	−22 6.2	2.067	2.989	9.7	21.0
5 31	17 51.40	−22 2.6	2.005	2.985	6.1	20.8
6 10	17 42.28	−21 58.1	1.970	2.980	2.3	20.5
6 20	17 32.55	−21 52.4	1.962	2.975	1.8	20.5
6 30	17 23.21	−21 46.1	1.983	2.970	5.7	20.7
7 10	17 15.17	−21 40.2	2.030	2.964	9.4	20.9
7 20	17 9.10	−21 36.2	2.100	2.957	12.6	21.1

257910 2000 UV_{105} 6 15.6 271°.17 1°.0/15.6 18

5 11	18 2.01	−19 36.4	2.513	3.349	11.2	21.4
5 21	17 56.99	−19 42.2	2.404	3.323	8.6	21.2
5 31	17 50.09	−19 50.0	2.319	3.297	5.5	21.0
6 10	17 41.83	−19 59.4	2.261	3.271	2.2	20.7
6 20	17 32.87	−20 9.8	2.232	3.244	1.9	20.6
6 30	17 24.03	−20 21.3	2.231	3.217	5.3	20.8
7 10	17 16.14	−20 33.8	2.257	3.189	8.7	21.0
7 20	17 9.86	−20 47.9	2.308	3.161	11.7	21.1

443608 2014 LA_{10} 6 15.6 23°.85 1°.9/15.7 18

5 11	18 0.64	−16 17.3	2.203	3.045	12.4	20.8
5 21	17 55.95	−16 35.0	2.126	3.047	9.4	20.6
5 31	17 49.38	−16 57.8	2.072	3.050	6.2	20.4
6 10	17 41.54	−17 25.3	2.045	3.052	2.9	20.2
6 20	17 33.17	−17 56.5	2.045	3.055	2.5	20.2
6 30	17 25.14	−18 30.5	2.073	3.058	5.7	20.4
7 10	17 18.26	−19 6.3	2.127	3.061	9.0	20.6
7 20	17 13.14	−19 43.3	2.204	3.065	11.9	20.8

349946 2010 CE_{62} 6 15.6 77°.55 1°.3/15.6 16

5 11	18 9.32	−19 51.0	1.226	2.090	18.8	21.1
5 21	18 3.48	−19 58.0	1.179	2.112	14.2	20.9
5 31	17 54.47	−20 8.4	1.151	2.135	9.0	20.7
6 10	17 43.41	−20 20.8	1.146	2.157	3.5	20.4
6 20	17 31.81	−20 34.1	1.166	2.179	2.8	20.4
6 30	17 21.26	−20 47.9	1.210	2.200	8.0	20.8
7 10	17 13.08	−21 2.7	1.277	2.222	12.8	21.1
7 20	17 8.02	−21 19.4	1.364	2.243	16.8	21.4

472937 2015 GU_{24} 6 15.6 151°.65 6°.5/15.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 1.40	− 6 35.9	1.960	2.787	14.2	21.1
5 21	17 56.60	− 5 55.3	1.889	2.789	11.5	20.9
5 31	17 49.81	− 5 25.2	1.839	2.791	8.8	20.8
6 10	17 41.70	− 5 8.4	1.814	2.793	6.8	20.6
6 20	17 33.08	− 5 6.9	1.814	2.795	6.8	20.6
6 30	17 24.88	− 5 21.0	1.841	2.796	8.8	20.8
7 10	17 17.95	− 5 49.5	1.891	2.797	11.5	20.9
7 20	17 12.91	− 6 30.0	1.963	2.799	14.2	21.1

129530 1996 EB_{9} 6 15.6 345°.96 4°.5/15.3 17

5 11	18 0.83	−12 26.9	1.779	2.626	14.6	19.8
5 21	17 56.44	−12 3.8	1.704	2.624	11.4	19.6
5 31	17 49.85	−11 48.0	1.651	2.622	8.0	19.3
6 10	17 41.75	−11 41.3	1.622	2.621	5.1	19.2
6 20	17 33.03	−11 44.9	1.619	2.619	4.9	19.2
6 30	17 24.75	−11 59.0	1.641	2.618	7.8	19.3
7 10	17 17.85	−12 22.9	1.688	2.617	11.3	19.5
7 20	17 13.04	−12 55.2	1.757	2.617	14.5	19.7

415036 2011 YB_{24} 6 15.6 213°.92 1°.7/15.7 16

5 11	18 6.46	−18 7.8	1.593	2.444	15.8	21.5
5 21	18 1.15	−18 21.8	1.514	2.441	12.2	21.3
5 31	17 53.07	−18 41.0	1.456	2.437	7.9	21.0
6 10	17 43.00	−19 4.6	1.423	2.432	3.3	20.7
6 20	17 32.04	−19 31.1	1.415	2.428	2.8	20.7
6 30	17 21.51	−19 59.5	1.434	2.423	7.3	20.9
7 10	17 12.68	−20 29.3	1.478	2.417	11.8	21.2
7 20	17 6.42	−21 0.2	1.543	2.411	15.7	21.4

43956 Elidoro 6 15.6 96°.07 1°.8/15.8 18

5 11	18 7.64	−27 24.8	1.563	2.415	16.0	19.2
5 21	18 1.97	−27 38.4	1.500	2.427	12.2	18.9
5 31	17 53.47	−27 47.6	1.459	2.439	7.9	18.7
6 10	17 43.09	−27 49.9	1.442	2.451	3.4	18.5
6 20	17 32.08	−27 44.0	1.450	2.463	2.8	18.5
6 30	17 21.84	−27 30.8	1.485	2.474	7.1	18.7
7 10	17 13.59	−27 13.0	1.544	2.485	11.3	19.0
7 20	17 8.09	−26 54.0	1.625	2.496	14.9	19.3

424111 2007 EZ_{92} 6 15.6 82°.60 1°.4/15.8 15

5 11	18 5.82	−27 0.7	1.657	2.509	15.3	22.4
5 21	18 0.44	−27 3.5	1.592	2.519	11.6	22.2
5 31	17 52.44	−27 2.0	1.549	2.530	7.5	22.0
6 10	17 42.70	−26 54.4	1.530	2.540	3.1	21.8
6 20	17 32.38	−26 40.2	1.537	2.550	2.4	21.7
6 30	17 22.77	−26 20.6	1.571	2.560	6.7	22.0
7 10	17 14.99	−25 58.3	1.629	2.570	10.8	22.3
7 20	17 9.75	−25 36.2	1.709	2.580	14.3	22.5

320335 2007 TB_{125} 6 15.6 178°.68 0°.3/15.7 17

5 11	18 8.25	−23 33.9	2.006	2.843	13.6	22.2
5 21	18 1.96	−23 43.9	1.926	2.846	10.3	22.0
5 31	17 53.31	−23 53.1	1.868	2.847	6.6	21.7
6 10	17 43.03	−23 59.9	1.838	2.848	2.4	21.5
6 20	17 32.10	−24 3.4	1.835	2.848	1.9	21.4
6 30	17 21.64	−24 3.5	1.860	2.847	6.1	21.7
7 10	17 12.66	−24 1.7	1.912	2.846	9.9	21.9
7 20	17 5.91	−23 59.6	1.987	2.843	13.2	22.1

249230 2008 GZ_{21} 6 15.6 98°.47 16°.5/11.9 18

5 11	18 13.16	− 1 27.3	0.954	1.799	24.4	20.3
5 21	18 6.53	+ 1 59.6	0.923	1.820	20.8	20.2
5 31	17 56.38	+ 5 2.8	0.910	1.840	17.9	20.1
6 10	17 44.10	+ 7 26.3	0.916	1.860	16.5	20.0
6 20	17 31.42	+ 8 59.4	0.943	1.879	17.1	20.1
6 30	17 20.13	+ 9 39.2	0.989	1.897	19.2	20.3
7 10	17 11.61	+ 9 31.9	1.051	1.915	21.8	20.6
7 20	17 6.56	+ 8 47.8	1.128	1.932	24.3	20.8

208564 2002 CT_{10} 6 15.6 130°.52 6°.4/16.7 18

5 11	18 9.40	− 4 13.0	1.680	2.494	16.8	19.8
5 21	18 2.95	− 4 38.1	1.611	2.506	13.6	19.6
5 31	17 53.98	− 5 21.5	1.564	2.516	10.1	19.4
6 10	17 43.29	− 6 23.5	1.541	2.526	7.2	19.3
6 20	17 31.93	− 7 42.5	1.545	2.536	6.6	19.3
6 30	17 21.11	− 9 14.5	1.577	2.545	8.9	19.4
7 10	17 11.93	−10 54.5	1.634	2.553	12.2	19.6
7 20	17 5.16	−12 37.6	1.715	2.561	15.4	19.9

12806 1996 AN 6 15.6 184°.78 0°.4/15.7 18

5 11	18 6.76	−23 48.5	2.004	2.844	13.5	18.7
5 21	18 0.86	−23 58.9	1.923	2.845	10.3	18.4
5 31	17 52.64	−24 8.4	1.865	2.845	6.5	18.2
6 10	17 42.81	−24 15.5	1.833	2.844	2.4	18.0
6 20	17 32.32	−24 19.2	1.829	2.842	1.9	17.9
6 30	17 22.26	−24 19.6	1.853	2.840	6.0	18.2
7 10	17 13.67	−24 17.9	1.902	2.838	9.8	18.4
7 20	17 7.25	−24 15.8	1.975	2.834	13.2	18.6

287690 2003 QF_{22} 6 15.6 275°.52 2°.9/16.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 7.05	−30 17.7	1.516	2.369	16.4	20.4
5 21	18 2.13	−30 22.4	1.427	2.353	12.8	20.1
5 31	17 53.98	−30 19.5	1.357	2.336	8.6	19.8
6 10	17 43.44	−30 5.6	1.311	2.318	4.3	19.5
6 20	17 31.77	−29 39.1	1.291	2.301	3.6	19.4
6 30	17 20.57	−29 1.1	1.295	2.284	7.9	19.6
7 10	17 11.34	−28 16.0	1.323	2.266	12.6	19.8
7 20	17 5.11	−27 29.1	1.372	2.248	16.8	20.0

397776 2008 HY_{18} 6 15.6 313°.08 4°.0/14.9 17

5 11	17 59.44	−12 53.1	2.257	3.095	12.2	21.0
5 21	17 54.95	−12 13.2	2.178	3.092	9.6	20.8
5 31	17 48.71	−11 37.8	2.122	3.090	6.7	20.6
6 10	17 41.32	−11 9.0	2.092	3.088	4.4	20.4
6 20	17 33.48	−10 48.4	2.089	3.085	4.5	20.4
6 30	17 25.99	−10 37.1	2.112	3.083	6.8	20.6
7 10	17 19.60	−10 35.5	2.162	3.081	9.7	20.8
7 20	17 14.85	−10 43.1	2.234	3.079	12.4	20.9

335034 2004 RX_{1} 6 15.6 254°.50 10°.5/11.7 17

5 11	18 8.98	−11 20.1	1.191	2.048	19.7	20.3
5 21	18 3.59	− 8 32.2	1.118	2.038	16.1	20.1
5 31	17 54.86	− 5 42.3	1.066	2.028	12.5	19.8
6 10	17 43.73	− 3 2.4	1.037	2.017	10.5	19.7
6 20	17 31.61	− 0 45.1	1.032	2.006	11.6	19.7
6 30	17 20.17	+ 0 59.0	1.051	1.995	15.0	19.8
7 10	17 10.91	+ 2 5.6	1.089	1.983	19.0	20.0
7 20	17 4.80	+ 2 36.5	1.145	1.971	22.7	20.3

11741 1999 AZ_{3} 6 15.6 339°.81 0°.8/15.7 18

5 11	18 2.71	−25 6.3	2.002	2.849	13.2	18.1
5 21	17 57.83	−25 19.0	1.923	2.848	10.1	17.8
5 31	17 50.73	−25 30.1	1.867	2.848	6.4	17.6
6 10	17 42.11	−25 38.0	1.837	2.847	2.5	17.4
6 20	17 32.88	−25 41.9	1.833	2.847	2.0	17.3
6 30	17 24.07	−25 41.7	1.857	2.846	5.9	17.6
7 10	17 16.65	−25 38.8	1.907	2.846	9.6	17.8
7 20	17 11.32	−25 34.7	1.979	2.845	12.9	18.0

93708 2000 VR_{31} 6 15.6 256°.22 1°.6/15.5 18

5 11	18 3.29	−19 33.0	1.926	2.773	13.7	19.8
5 21	17 58.35	−19 20.3	1.837	2.762	10.5	19.6
5 31	17 51.13	−19 8.8	1.770	2.750	6.8	19.3
6 10	17 42.29	−18 58.9	1.728	2.737	2.9	19.1
6 20	17 32.72	−18 50.9	1.713	2.725	2.6	19.0
6 30	17 23.49	−18 45.4	1.726	2.712	6.5	19.2
7 10	17 15.60	−18 43.6	1.763	2.699	10.4	19.5
7 20	17 9.82	−18 46.1	1.823	2.686	13.9	19.6

477854 2011 GJ_{47} 6 15.6 352°.01 11°.2/13.6 16

5 11	18 4.71	−39 28.3	1.267	2.121	19.0	20.3
5 21	18 1.67	−41 52.7	1.201	2.112	15.9	20.1
5 31	17 54.48	−44 9.3	1.155	2.105	13.1	19.9
6 10	17 43.87	−46 5.5	1.130	2.099	11.3	19.8
6 20	17 31.37	−47 30.4	1.127	2.094	11.6	19.8
6 30	17 19.23	−48 18.3	1.145	2.091	13.8	19.9
7 10	17 9.71	−48 31.8	1.183	2.090	16.8	20.1
7 20	17 4.33	−48 18.8	1.239	2.090	19.9	20.3

371587 2006 WD_{29} 6 15.7 308°.21 0°.9/15.7 18

5 11	18 3.20	−24 20.7	1.397	2.264	16.8	20.7
5 21	17 59.30	−24 37.4	1.312	2.248	12.9	20.4
5 31	17 52.26	−24 53.8	1.247	2.232	8.3	20.1
6 10	17 42.86	−25 7.9	1.205	2.216	3.2	19.8
6 20	17 32.27	−25 17.5	1.187	2.200	2.5	19.7
6 30	17 22.06	−25 22.2	1.193	2.185	7.9	19.9
7 10	17 13.72	−25 23.4	1.222	2.171	12.9	20.2
7 20	17 8.32	−25 23.3	1.272	2.157	17.3	20.4

162091 1998 QQ_{3} 6 15.7 244°.43 11°.2/17.1 18

5 11	18 24.19	−59 30.1	2.574	3.271	14.5	20.5
5 21	18 15.44	−60 29.7	2.484	3.254	13.3	20.4
5 31	18 2.56	−61 10.2	2.412	3.235	12.2	20.3
6 10	17 46.62	−61 23.8	2.361	3.216	11.4	20.2
6 20	17 29.43	−61 5.1	2.333	3.196	11.3	20.2
6 30	17 13.17	−60 13.4	2.327	3.176	11.8	20.2
7 10	16 59.77	−58 53.5	2.344	3.155	13.0	20.2
7 20	16 50.31	−57 13.4	2.382	3.133	14.4	20.3

352570 2008 DZ_{19} 6 15.7 214°.84 1°.3/15.6 18

5 11	18 4.94	−24 46.7	2.335	3.170	12.0	21.7
5 21	17 59.34	−25 29.2	2.247	3.165	9.1	21.5
5 31	17 51.66	−26 12.0	2.182	3.160	5.9	21.3
6 10	17 42.49	−26 52.8	2.145	3.154	2.4	21.0
6 20	17 32.61	−27 29.1	2.136	3.148	2.1	21.0
6 30	17 22.98	−27 59.6	2.157	3.142	5.5	21.2
7 10	17 14.52	−28 24.4	2.204	3.135	8.9	21.4
7 20	17 7.94	−28 44.5	2.275	3.128	11.9	21.6

251916 1999 VO_{155} 6 15.7 147°.32 1°.2/15.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 7.85	−25 57.8	1.838	2.681	14.4	21.3
5 21	18 1.83	−26 14.0	1.767	2.689	11.0	21.1
5 31	17 53.31	−26 27.6	1.718	2.697	7.0	20.8
6 10	17 43.08	−26 36.5	1.694	2.704	2.9	20.6
6 20	17 32.21	−26 39.3	1.697	2.710	2.3	20.6
6 30	17 21.93	−26 36.2	1.728	2.716	6.4	20.8
7 10	17 13.31	−26 29.0	1.785	2.722	10.3	21.1
7 20	17 7.11	−26 20.2	1.864	2.726	13.7	21.3

304446 2006 UP_3 6 15.7 79°.64 0°.7/15.7 17

5 11	18 3.07	−25 11.2	2.147	2.990	12.6	21.1
5 21	17 57.80	−25 19.6	2.082	3.005	9.5	20.9
5 31	17 50.55	−25 26.0	2.040	3.020	6.0	20.7
6 10	17 42.01	−25 29.1	2.024	3.035	2.3	20.5
6 20	17 33.05	−25 28.4	2.036	3.049	1.8	20.5
6 30	17 24.62	−25 24.3	2.076	3.064	5.4	20.8
7 10	17 17.54	−25 18.0	2.141	3.079	8.8	21.0
7 20	17 12.41	−25 11.2	2.231	3.093	11.7	21.2

126315 Bláthy 6 15.7 8°.13 5°.5/16.9 18

5 11	18 7.82	−38 4.0	1.639	2.474	16.2	19.7
5 21	18 2.38	−38 6.9	1.565	2.474	13.0	19.5
5 31	17 53.87	−37 55.1	1.512	2.474	9.5	19.3
6 10	17 43.31	−37 24.7	1.483	2.475	6.4	19.1
6 20	17 32.07	−36 34.8	1.478	2.476	5.7	19.1
6 30	17 21.67	−35 28.0	1.499	2.478	8.2	19.2
7 10	17 13.44	−34 10.5	1.544	2.479	11.7	19.4
7 20	17 8.16	−32 49.5	1.611	2.481	15.1	19.6

5925 1994 CP_1 6 15.7 37°.62 1°.3/15.7 18 R

5 11	18 4.74	−24 10.9	1.132	2.010	19.1	16.0
5 21	18 0.51	−24 45.0	1.084	2.025	14.5	15.7
5 31	17 52.89	−25 19.1	1.054	2.041	9.2	15.5
6 10	17 42.98	−25 49.4	1.046	2.057	3.6	15.2
6 20	17 32.33	−26 13.1	1.061	2.075	2.9	15.2
6 30	17 22.68	−26 29.4	1.100	2.093	8.2	15.6
7 10	17 15.46	−26 39.7	1.160	2.112	13.1	15.9
7 20	17 11.49	−26 46.7	1.240	2.132	17.2	16.2

436269 2010 CF_{83} 6 15.7 123°.16 6°.1/15.6 17

5 11	18 2.60	− 6 15.9	2.004	2.827	14.1	21.2
5 21	17 57.45	− 5 55.6	1.936	2.835	11.4	21.0
5 31	17 50.35	− 5 46.8	1.890	2.843	8.6	20.8
6 10	17 41.96	− 5 51.7	1.869	2.850	6.5	20.7
6 20	17 33.10	− 6 10.8	1.874	2.857	6.3	20.7
6 30	17 24.68	− 6 43.7	1.905	2.864	8.3	20.9
7 10	17 17.53	− 7 28.5	1.961	2.871	11.0	21.0
7 20	17 12.26	− 8 22.5	2.040	2.878	13.6	21.2

64667 2001 XM_{63} 6 15.7 150°.55 0°.1/15.7 17

5 11	18 2.05	−23 48.3	2.667	3.501	10.7	20.8
5 21	17 56.72	−23 48.5	2.589	3.508	8.1	20.7
5 31	17 49.75	−23 47.5	2.536	3.515	5.1	20.5
6 10	17 41.72	−23 44.6	2.510	3.521	1.9	20.3
6 20	17 33.29	−23 39.6	2.513	3.526	1.4	20.2
6 30	17 25.23	−23 33.0	2.545	3.532	4.7	20.5
7 10	17 18.23	−23 25.7	2.604	3.537	7.6	20.7
7 20	17 12.80	−23 18.9	2.687	3.541	10.2	20.8

347870 2002 RE_{246} 6 15.7 253°.32 2°.1/15.8 16

5 11	18 4.10	−28 42.8	2.069	2.910	13.1	22.1
5 21	17 58.97	−28 57.9	1.982	2.902	10.1	21.8
5 31	17 51.53	−29 8.8	1.917	2.894	6.6	21.6
6 10	17 42.46	−29 13.4	1.879	2.886	3.2	21.4
6 20	17 32.69	−29 10.4	1.867	2.877	2.7	21.3
6 30	17 23.31	−28 59.9	1.883	2.869	6.1	21.5
7 10	17 15.32	−28 43.8	1.924	2.860	9.7	21.7
7 20	17 9.47	−28 24.8	1.988	2.851	12.9	21.9

475769 2006 WC_{189} 6 15.7 250°.03 1°.5/15.4 18

5 11	18 1.54	−20 12.4	2.374	3.214	11.6	21.3
5 21	17 56.58	−19 43.6	2.282	3.204	8.9	21.1
5 31	17 49.80	−19 14.3	2.215	3.193	5.7	20.9
6 10	17 41.78	−18 45.2	2.173	3.182	2.5	20.7
6 20	17 33.24	−18 17.4	2.160	3.171	2.3	20.6
6 30	17 25.02	−17 52.2	2.175	3.159	5.6	20.8
7 10	17 17.91	−17 31.0	2.217	3.148	8.9	21.0
7 20	17 12.47	−17 15.1	2.282	3.136	11.8	21.2

604 Tekmessa 6 15.7 240°.68 1°.7/15.8 18 R

5 11	18 2.34	−28 46.3	2.744	3.574	10.5	15.1
5 21	17 57.13	−28 59.9	2.647	3.562	8.1	14.9
5 31	17 50.14	−29 10.0	2.574	3.549	5.3	14.7
6 10	17 41.91	−29 15.2	2.529	3.536	2.6	14.5
6 20	17 33.14	−29 14.3	2.512	3.522	2.2	14.5
6 30	17 24.61	−29 7.6	2.524	3.508	4.9	14.7
7 10	17 17.09	−28 56.2	2.563	3.494	7.8	14.8
7 20	17 11.18	−28 42.0	2.627	3.480	10.5	15.0

390490 2014 AN_{29} 6 15.7 278°.79 3°.3/15.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 1.96	−14 43.2	1.876	2.722	14.0	20.5
5 21	17 57.30	−14 33.3	1.795	2.717	10.9	20.3
5 31	17 50.45	−14 29.2	1.737	2.712	7.3	20.1
6 10	17 42.07	−14 31.8	1.703	2.707	4.0	19.9
6 20	17 33.03	−14 41.4	1.696	2.702	3.8	19.9
6 30	17 24.36	−14 58.0	1.715	2.697	7.0	20.0
7 10	17 17.03	−15 21.1	1.759	2.692	10.7	20.2
7 20	17 11.74	−15 50.0	1.825	2.687	14.0	20.5

336292 2008 SV_{289} 6 15.7 258°.95 7°.2/14.4 18

5 11	18 1.77	− 5 17.4	2.075	2.895	13.8	21.1
5 21	17 56.99	− 4 22.8	1.984	2.878	11.4	20.9
5 31	17 50.20	− 3 37.4	1.915	2.860	9.0	20.7
6 10	17 41.98	− 3 5.1	1.871	2.842	7.4	20.6
6 20	17 33.09	− 2 48.6	1.852	2.823	7.5	20.5
6 30	17 24.44	− 2 49.6	1.859	2.805	9.4	20.6
7 10	17 16.92	− 3 7.7	1.891	2.785	12.1	20.7
7 20	17 11.20	− 3 40.8	1.943	2.766	14.8	20.9

94844 2001 XE_{204} 6 15.7 113°.52 3°.8/15.4 17

5 11	18 6.32	−15 28.4	1.463	2.316	16.9	19.8
5 21	18 0.96	−15 4.9	1.400	2.326	13.0	19.6
5 31	17 52.88	−14 47.3	1.357	2.335	8.7	19.4
6 10	17 42.97	−14 37.0	1.339	2.344	4.7	19.2
6 20	17 32.43	−14 34.8	1.345	2.352	4.4	19.2
6 30	17 22.58	−14 41.2	1.377	2.360	8.2	19.4
7 10	17 14.60	−14 56.0	1.433	2.368	12.4	19.7
7 20	17 9.25	−15 18.5	1.509	2.376	16.1	19.9

470602 2008 QM_{16} 6 15.7 329°.34 8°.2/15.7 16

5 11	18 2.71	−37 39.9	1.321	2.178	18.1	20.6
5 21	17 59.72	−38 46.7	1.238	2.157	14.9	20.4
5 31	17 52.98	−39 43.5	1.174	2.138	11.4	20.1
6 10	17 43.29	−40 22.4	1.132	2.119	8.7	19.9
6 20	17 32.05	−40 36.7	1.111	2.101	8.5	19.8
6 30	17 21.24	−40 24.3	1.112	2.085	11.2	19.9
7 10	17 12.78	−39 49.0	1.135	2.069	15.0	20.1
7 20	17 7.94	−38 58.2	1.175	2.055	18.8	20.3

298314 2003 ED_{33} 6 15.7 134°.98 6°.7/15.1 18

5 11	18 0.10	− 1 21.4	2.630	3.426	11.9	21.3
5 21	17 55.13	− 0 42.5	2.564	3.436	9.9	21.2
5 31	17 48.70	− 0 14.7	2.521	3.446	8.1	21.1
6 10	17 41.35	− 0 0.5	2.503	3.456	6.9	21.0
6 20	17 33.68	− 0 1.1	2.512	3.465	6.8	21.0
6 30	17 26.36	− 0 16.7	2.547	3.474	8.0	21.1
7 10	17 19.99	− 0 46.0	2.607	3.482	9.8	21.2
7 20	17 15.02	− 1 26.8	2.689	3.491	11.7	21.4

443344 2014 GB_{14} 6 15.7 20°.34 2°.7/15.4 15

5 11	18 0.16	−16 28.2	2.003	2.851	13.2	21.7
5 21	17 55.75	−16 11.4	1.930	2.854	10.1	21.5
5 31	17 49.36	−15 58.3	1.879	2.856	6.7	21.3
6 10	17 41.65	−15 49.9	1.854	2.859	3.5	21.1
6 20	17 33.45	−15 46.6	1.855	2.863	3.2	21.0
6 30	17 25.67	−15 49.0	1.883	2.866	6.4	21.2
7 10	17 19.16	−15 57.3	1.936	2.870	9.8	21.5
7 20	17 14.53	−16 11.1	2.012	2.874	12.8	21.7

493254 2014 UE_{109} 6 15.7 200°.34 0°.3/15.6 17

5 11	18 7.28	−22 38.6	1.850	2.694	14.3	22.6
5 21	18 1.47	−22 36.4	1.767	2.691	10.9	22.4
5 31	17 53.16	−22 33.6	1.707	2.687	7.0	22.1
6 10	17 43.11	−22 29.2	1.671	2.682	2.6	21.8
6 20	17 32.33	−22 22.7	1.664	2.677	2.0	21.8
6 30	17 22.00	−22 14.9	1.683	2.671	6.5	22.1
7 10	17 13.22	−22 7.2	1.728	2.665	10.6	22.3
7 20	17 6.77	−22 1.3	1.796	2.658	14.2	22.5

106298 2000 UX_{83} 6 15.7 75°.88 1°.2/15.7 18

5 11	18 2.80	−25 9.3	2.236	3.077	12.2	19.2
5 21	17 57.75	−25 42.6	2.158	3.080	9.3	19.0
5 31	17 50.66	−26 15.3	2.103	3.082	6.0	18.8
6 10	17 42.16	−26 45.3	2.074	3.084	2.5	18.6
6 20	17 33.07	−27 10.9	2.074	3.086	2.0	18.6
6 30	17 24.33	−27 31.1	2.101	3.088	5.5	18.8
7 10	17 16.83	−27 46.4	2.155	3.090	8.8	19.0
7 20	17 11.22	−27 58.1	2.232	3.093	11.8	19.2

253751 2003 WY_{75} 6 15.7 336°.01 6°.2/16.1 17

5 11	18 5.22	−34 42.1	1.265	2.127	18.5	19.9
5 21	18 1.38	−35 24.3	1.193	2.120	14.8	19.6
5 31	17 53.83	−35 56.2	1.140	2.112	10.6	19.4
6 10	17 43.52	−36 11.4	1.108	2.106	7.0	19.2
6 20	17 32.00	−36 5.7	1.099	2.100	6.5	19.1
6 30	17 21.19	−35 39.1	1.112	2.095	9.8	19.3
7 10	17 12.83	−34 56.6	1.148	2.090	14.1	19.5
7 20	17 8.01	−34 5.6	1.202	2.087	18.1	19.7

208341 2001 QB_{235} 6 15.7 326°.91 6°.2/15.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	17 58.30	− 9 49.9	1.610	2.463	15.6	20.0
5 21	17 54.95	− 9 12.6	1.524	2.444	12.6	19.8
5 31	17 49.20	− 8 44.5	1.458	2.426	9.3	19.6
6 10	17 41.71	− 8 29.2	1.416	2.408	6.7	19.4
6 20	17 33.39	− 8 28.9	1.397	2.391	6.7	19.3
6 30	17 25.36	− 8 44.7	1.403	2.375	9.4	19.4
7 10	17 18.71	− 9 15.8	1.431	2.359	13.0	19.6
7 20	17 14.27	− 9 59.8	1.479	2.345	16.5	19.8

252105 2000 VU_{55} 6 15.7 218°.29 1°.7/15.3 18

5 11	18 1.22	−18 57.4	2.911	3.742	10.0	21.2
5 21	17 56.00	−18 26.6	2.817	3.733	7.6	21.1
5 31	17 49.30	−17 55.7	2.748	3.724	5.0	20.9
6 10	17 41.61	−17 25.6	2.707	3.714	2.4	20.7
6 20	17 33.52	−16 57.3	2.695	3.704	2.2	20.7
6 30	17 25.70	−16 31.9	2.713	3.693	4.9	20.8
7 10	17 18.78	−16 10.6	2.758	3.682	7.6	21.0
7 20	17 13.23	−15 54.3	2.828	3.671	10.1	21.1

463734 2014 QJ_{354} 6 15.7 143°.17 3°.8/15.4 17

5 11	18 6.32	−15 15.8	1.540	2.390	16.3	21.3
5 21	18 0.91	−14 51.8	1.472	2.396	12.6	21.1
5 31	17 52.85	−14 33.5	1.426	2.402	8.5	20.9
6 10	17 43.00	−14 22.2	1.403	2.407	4.7	20.6
6 20	17 32.48	−14 18.9	1.406	2.412	4.4	20.6
6 30	17 22.58	−14 24.3	1.435	2.417	8.1	20.9
7 10	17 14.45	−14 38.1	1.487	2.421	12.2	21.1
7 20	17 8.86	−14 59.6	1.561	2.425	15.8	21.4

384897 2012 TR_{28} 6 15.7 174°.58 2°.5/15.5 17

5 11	18 2.47	−16 57.8	1.961	2.806	13.5	21.0
5 21	17 57.58	−16 44.5	1.884	2.807	10.4	20.8
5 31	17 50.57	−16 34.7	1.830	2.807	6.8	20.6
6 10	17 42.13	−16 29.1	1.801	2.808	3.4	20.3
6 20	17 33.13	−16 27.9	1.799	2.808	3.1	20.3
6 30	17 24.55	−16 31.7	1.824	2.808	6.5	20.5
7 10	17 17.30	−16 40.7	1.874	2.808	10.1	20.8
7 20	17 12.04	−16 54.8	1.947	2.808	13.3	21.0

77105 2001 DG_{69} 6 15.7 127°.99 4°.4/16.2 17

5 11	18 8.69	−33 29.2	1.574	2.418	16.3	20.0
5 21	18 3.13	−33 53.2	1.504	2.421	12.8	19.8
5 31	17 54.45	−34 7.8	1.454	2.425	8.9	19.5
6 10	17 43.63	−34 8.7	1.428	2.428	5.4	19.3
6 20	17 32.00	−33 53.7	1.427	2.431	4.8	19.3
6 30	17 21.11	−33 23.9	1.452	2.434	8.0	19.5
7 10	17 12.35	−32 43.6	1.500	2.437	11.9	19.7
7 20	17 6.55	−31 58.5	1.570	2.439	15.5	20.0

141202 2001 XV_{207} 6 15.7 174°.62 2°.3/15.2 17

5 11	18 1.31	−17 19.1	2.546	3.381	11.1	20.5
5 21	17 56.19	−16 45.4	2.465	3.382	8.5	20.3
5 31	17 49.46	−16 13.1	2.409	3.383	5.6	20.1
6 10	17 41.68	−15 43.2	2.380	3.384	2.9	19.9
6 20	17 33.51	−15 17.1	2.379	3.385	2.9	19.9
6 30	17 25.69	−14 55.9	2.407	3.386	5.5	20.1
7 10	17 18.92	−14 40.6	2.461	3.386	8.4	20.3
7 20	17 13.69	−14 31.5	2.540	3.385	11.0	20.5

438929 2010 EJ_{39} 6 15.7 35°.61 0°.5/15.7 17

5 11	18 2.86	−23 29.5	1.508	2.372	15.9	20.2
5 21	17 58.40	−23 47.0	1.452	2.385	12.1	20.0
5 31	17 51.28	−24 4.3	1.416	2.400	7.6	19.8
6 10	17 42.42	−24 19.6	1.404	2.415	2.8	19.5
6 20	17 32.97	−24 31.6	1.417	2.431	2.2	19.5
6 30	17 24.24	−24 40.0	1.455	2.447	6.8	19.9
7 10	17 17.34	−24 46.0	1.518	2.464	11.0	20.2
7 20	17 12.99	−24 51.2	1.601	2.481	14.7	20.4

235211 2003 SP_{189} 6 15.7 243°.76 2°.2/15.8 18

5 11	18 5.31	−29 6.4	2.237	3.072	12.5	21.1
5 21	17 59.84	−29 28.3	2.142	3.058	9.6	20.9
5 31	17 52.11	−29 46.4	2.070	3.044	6.4	20.7
6 10	17 42.76	−29 58.3	2.024	3.030	3.2	20.5
6 20	17 32.65	−30 2.4	2.006	3.015	2.8	20.4
6 30	17 22.81	−29 58.3	2.015	3.000	5.9	20.6
7 10	17 14.26	−29 47.6	2.052	2.984	9.4	20.8
7 20	17 7.75	−29 32.8	2.111	2.968	12.5	20.9

202177 2004 XH_5 6 15.7 206°.59 0°.5/15.7 18

5 11	18 4.41	−24 13.8	2.055	2.898	13.1	20.7
5 21	17 59.11	−24 22.6	1.972	2.895	10.0	20.5
5 31	17 51.59	−24 30.1	1.912	2.892	6.3	20.3
6 10	17 42.54	−24 35.2	1.878	2.888	2.4	20.0
6 20	17 32.84	−24 37.0	1.871	2.885	1.8	20.0
6 30	17 23.54	−24 35.5	1.892	2.881	5.8	20.2
7 10	17 15.61	−24 32.1	1.939	2.877	9.6	20.5
7 20	17 9.74	−24 28.3	2.010	2.872	12.8	20.7

415057 2012 BV_{11} 6 15.7 214°.65 0°.4/15.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 7.31	−21 38.2	1.705	2.553	15.1	21.7
5 21	18 1.76	−21 49.9	1.622	2.547	11.6	21.5
5 31	17 53.51	−22 3.0	1.560	2.541	7.4	21.2
6 10	17 43.32	−22 16.2	1.524	2.535	2.8	20.9
6 20	17 32.24	−22 28.0	1.514	2.528	2.1	20.9
6 30	17 21.57	−22 38.2	1.531	2.520	6.9	21.1
7 10	17 12.55	−22 47.4	1.573	2.512	11.3	21.4
7 20	17 6.02	−22 57.0	1.637	2.503	15.1	21.6

253744 2003 WS_{56} 6 15.7 307°.95 2°.9/15.4 18

5 11	18 4.32	−25 35.7	1.287	2.157	17.7	19.7
5 21	18 0.89	−26 33.5	1.190	2.127	13.9	19.4
5 31	17 53.84	−27 36.0	1.112	2.096	9.2	19.1
6 10	17 43.73	−28 38.2	1.056	2.065	4.3	18.7
6 20	17 31.74	−29 34.3	1.024	2.035	4.0	18.6
6 30	17 19.66	−30 19.6	1.016	2.006	9.3	18.8
7 10	17 9.45	−30 53.1	1.029	1.976	14.8	19.0
7 20	17 2.62	−31 16.6	1.061	1.948	19.8	19.2

347842 2002 QL_{15} 6 15.7 324°.39 11°.9/14.6 16

5 11	17 57.99	+ 2 9.6	1.539	2.360	17.8	20.1
5 21	17 54.82	+ 3 12.3	1.456	2.337	15.5	19.9
5 31	17 49.20	+ 3 56.0	1.391	2.315	13.4	19.7
6 10	17 41.76	+ 4 14.0	1.347	2.293	12.0	19.6
6 20	17 33.41	+ 4 1.7	1.324	2.272	12.1	19.5
6 30	17 25.31	+ 3 17.5	1.322	2.252	13.7	19.6
7 10	17 18.58	+ 2 4.3	1.341	2.232	16.2	19.7
7 20	17 14.10	+ 0 27.7	1.378	2.214	19.0	19.8

210043 2006 OV_{20} 6 15.7 231°.73 1°.4/15.5 17

5 11	18 1.71	−19 33.1	2.244	3.086	12.2	21.1
5 21	17 56.83	−19 22.1	2.159	3.082	9.3	20.9
5 31	17 50.04	−19 12.4	2.098	3.077	6.0	20.7
6 10	17 41.95	−19 4.0	2.063	3.072	2.5	20.5
6 20	17 33.33	−18 57.2	2.055	3.067	2.2	20.5
6 30	17 25.05	−18 52.8	2.076	3.061	5.6	20.7
7 10	17 17.93	−18 51.2	2.122	3.056	9.0	20.9
7 20	17 12.58	−18 53.3	2.192	3.050	12.1	21.1

325025 2008 CN_{34} 6 15.7 203°.82 0°.8/15.6 17

5 11	18 6.67	−21 17.6	1.899	2.741	14.0	22.2
5 21	18 0.96	−21 16.7	1.814	2.737	10.7	22.0
5 31	17 52.85	−21 16.4	1.753	2.733	6.8	21.7
6 10	17 43.04	−21 16.0	1.717	2.727	2.6	21.4
6 20	17 32.50	−21 15.1	1.708	2.722	2.1	21.4
6 30	17 22.38	−21 13.9	1.727	2.715	6.4	21.6
7 10	17 13.73	−21 13.6	1.772	2.708	10.4	21.9
7 20	17 7.32	−21 15.4	1.840	2.700	13.9	22.1

440646 2005 WM_{127} 6 15.7 225°.84 0°.2/15.7 18

5 11	18 1.17	−22 45.8	2.780	3.614	10.3	22.9
5 21	17 56.13	−22 42.9	2.686	3.605	7.8	22.7
5 31	17 49.48	−22 39.2	2.618	3.596	5.0	22.5
6 10	17 41.73	−22 34.5	2.576	3.587	1.8	22.3
6 20	17 33.52	−22 28.5	2.564	3.577	1.4	22.2
6 30	17 25.56	−22 21.7	2.580	3.567	4.6	22.4
7 10	17 18.54	−22 14.9	2.624	3.556	7.6	22.6
7 20	17 12.99	−22 9.2	2.692	3.546	10.2	22.8

342928 2008 YJ_{171} 6 15.7 183°.28 3°.9/15.3 18

5 11	18 1.92	−10 59.8	2.572	3.394	11.4	21.6
5 21	17 56.65	−10 36.3	2.490	3.395	9.0	21.4
5 31	17 49.77	−10 18.5	2.433	3.395	6.4	21.3
6 10	17 41.83	−10 7.9	2.402	3.394	4.3	21.1
6 20	17 33.47	−10 5.3	2.399	3.393	4.2	21.1
6 30	17 25.41	−10 11.1	2.424	3.391	6.3	21.3
7 10	17 18.34	−10 25.1	2.476	3.389	8.9	21.4
7 20	17 12.77	−10 46.4	2.552	3.386	11.3	21.6

34969 4108 $T\text{-}_2$ 6 15.7 179°.92 2°.8/15.5 17

5 11	18 6.48	−16 49.8	1.623	2.472	15.7	19.6
5 21	18 1.05	−16 39.2	1.549	2.473	12.1	19.3
5 31	17 52.99	−16 33.1	1.496	2.474	8.0	19.1
6 10	17 43.11	−16 32.1	1.467	2.474	3.9	18.9
6 20	17 32.49	−16 36.4	1.465	2.474	3.5	18.8
6 30	17 22.39	−16 46.0	1.488	2.473	7.5	19.1
7 10	17 13.96	−17 1.2	1.536	2.472	11.7	19.3
7 20	17 8.01	−17 21.6	1.606	2.471	15.4	19.5

69678 1998 HA_{15} 6 15.7 150°.24 0°.3/15.7 18

5 11	18 8.22	−22 17.9	1.862	2.703	14.3	20.1
5 21	18 2.04	−22 23.3	1.791	2.713	10.9	19.9
5 31	17 53.45	−22 28.8	1.742	2.721	6.9	19.7
6 10	17 43.24	−22 33.0	1.719	2.729	2.6	19.4
6 20	17 32.43	−22 35.3	1.723	2.737	2.0	19.4
6 30	17 22.19	−22 35.9	1.755	2.743	6.3	19.7
7 10	17 13.56	−22 35.9	1.814	2.749	10.2	19.9
7 20	17 7.25	−22 36.8	1.895	2.755	13.6	20.2

326664 2002 TK_{347} 6 15.7 332.°75 2.°0/15.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 2.09	−17 25.6	1.305	2.175	17.5	20.3
5 21	17 58.46	−17 44.6	1.229	2.166	13.5	20.0
5 31	17 51.76	−18 11.7	1.172	2.156	8.8	19.7
6 10	17 42.78	−18 46.0	1.138	2.148	3.8	19.4
6 20	17 32.71	−19 25.8	1.127	2.140	3.1	19.3
6 30	17 23.06	−20 9.0	1.141	2.133	8.2	19.6
7 10	17 15.29	−20 53.9	1.177	2.127	13.2	19.9
7 20	17 10.40	−21 39.5	1.233	2.121	17.5	20.1

232102 2001 XV_{178} 6 15.7 250.°61 0.°4/15.6 18

5 11	18 4.83	−23 22.3	1.918	2.764	13.8	20.6
5 21	17 59.64	−23 8.7	1.826	2.751	10.5	20.4
5 31	17 52.06	−22 52.9	1.758	2.738	6.7	20.1
6 10	17 42.79	−22 34.7	1.714	2.725	2.5	19.8
6 20	17 32.76	−22 14.2	1.698	2.711	2.0	19.8
6 30	17 23.09	−21 52.7	1.709	2.697	6.3	20.0
7 10	17 14.85	−21 32.0	1.745	2.683	10.4	20.2
7 20	17 8.81	−21 14.4	1.805	2.669	14.0	20.4

47348 1999 XJ_{50} 6 15.7 64.°26 1.°7/15.7 18

5 11	18 6.32	−25 34.4	1.728	2.577	14.9	18.7
5 21	18 0.77	−26 16.6	1.672	2.598	11.3	18.5
5 31	17 52.69	−26 57.4	1.639	2.618	7.2	18.3
6 10	17 42.97	−27 33.6	1.630	2.639	3.1	18.1
6 20	17 32.68	−28 2.7	1.648	2.660	2.6	18.1
6 30	17 23.08	−28 23.7	1.693	2.681	6.5	18.4
7 10	17 15.22	−28 37.7	1.763	2.702	10.3	18.6
7 20	17 9.80	−28 46.8	1.855	2.722	13.5	18.9

380891 2006 DT_{54} 6 15.7 7.°42 9.°2/16.6 17

5 11	18 10.57	−45 22.0	1.813	2.617	16.1	20.8
5 21	18 4.89	−46 25.1	1.742	2.617	13.7	20.6
5 31	17 55.79	−47 12.6	1.692	2.617	11.3	20.4
6 10	17 44.23	−47 37.3	1.664	2.618	9.6	20.3
6 20	17 31.68	−47 34.8	1.660	2.618	9.3	20.3
6 30	17 19.87	−47 5.0	1.679	2.619	10.7	20.4
7 10	17 10.35	−46 13.0	1.722	2.619	12.9	20.5
7 20	17 4.08	−45 6.1	1.785	2.620	15.4	20.7

198200 2004 TX_{138} 6 15.7 217.°96 5.°0/16.4 18

5 11	18 8.56	−37 13.0	2.090	2.910	13.7	21.1
5 21	18 2.55	−37 37.3	2.004	2.904	11.0	20.9
5 31	17 53.93	−37 51.5	1.941	2.898	8.1	20.7
6 10	17 43.47	−37 51.6	1.903	2.892	5.6	20.6
6 20	17 32.27	−37 35.5	1.891	2.885	5.2	20.5
6 30	17 21.57	−37 3.6	1.906	2.877	7.4	20.6
7 10	17 12.55	−36 19.4	1.947	2.870	10.4	20.8
7 20	17 5.99	−35 28.1	2.011	2.862	13.3	21.0

176391 2001 UY_{81} 6 15.7 219.°61 3.°2/15.1 17

5 11	18 1.07	−14 55.6	2.430	3.264	11.6	21.1
5 21	17 56.15	−14 20.4	2.344	3.259	9.0	20.9
5 31	17 49.54	−13 48.1	2.282	3.253	6.1	20.7
6 10	17 41.78	−13 20.1	2.247	3.248	3.7	20.6
6 20	17 33.56	−12 57.9	2.240	3.241	3.6	20.5
6 30	17 25.66	−12 42.6	2.260	3.235	6.1	20.7
7 10	17 18.80	−12 34.8	2.307	3.228	9.0	20.9
7 20	17 13.53	−12 34.7	2.377	3.222	11.7	21.0

391309 2006 TN_{16} 6 15.7 345.°71 6.°5/15.6 16

5 11	18 3.49	−36 8.4	1.631	2.477	15.8	20.4
5 21	17 59.48	−37 14.5	1.555	2.469	12.7	20.2
5 31	17 52.39	−38 12.6	1.500	2.462	9.5	20.0
6 10	17 43.01	−38 56.5	1.467	2.456	7.0	19.8
6 20	17 32.57	−39 21.5	1.459	2.450	6.8	19.8
6 30	17 22.58	−39 26.1	1.475	2.445	9.2	19.9
7 10	17 14.51	−39 13.1	1.514	2.441	12.5	20.1
7 20	17 9.34	−38 47.3	1.574	2.438	15.7	20.3

504783 2009 YA_{14} 6 15.7 192.°80 1.°7/15.9 17

5 11	18 6.61	−28 45.7	2.458	3.285	11.7	23.9
5 21	18 0.49	−28 55.8	2.370	3.283	9.0	23.8
5 31	17 52.35	−29 1.5	2.307	3.280	5.9	23.6
6 10	17 42.84	−29 1.2	2.270	3.277	2.8	23.3
6 20	17 32.77	−28 54.0	2.262	3.273	2.3	23.3
6 30	17 23.07	−28 40.1	2.283	3.268	5.3	23.5
7 10	17 14.62	−28 21.5	2.332	3.262	8.5	23.7
7 20	17 8.04	−28 0.5	2.404	3.255	11.4	23.9

468815 2012 QW_{50} 6 15.7 312.°68 9.°0/16.5 16

5 11	18 2.09	− 1 29.2	1.525	2.353	17.6	20.4
5 21	17 58.12	− 1 21.7	1.432	2.328	14.9	20.1
5 31	17 51.45	− 1 35.0	1.358	2.303	11.9	19.9
6 10	17 42.70	− 2 13.7	1.305	2.279	9.6	19.7
6 20	17 32.80	− 3 19.6	1.276	2.255	9.2	19.6
6 30	17 23.03	− 4 51.1	1.270	2.231	11.3	19.7
7 10	17 14.65	− 6 43.2	1.288	2.209	14.7	19.8
7 20	17 8.69	− 8 49.1	1.327	2.187	18.3	20.0

295126 2008 FG_{25} 6 15.7 333.°34 2.°5/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 1.74	−29 17.7	2.000	2.847	13.3	20.3
5 21	17 57.33	−29 41.8	1.917	2.839	10.2	20.1
5 31	17 50.61	−30 1.8	1.856	2.832	6.8	19.9
6 10	17 42.27	−30 15.4	1.820	2.826	3.5	19.7
6 20	17 33.21	−30 20.7	1.810	2.819	3.0	19.6
6 30	17 24.54	−30 17.7	1.827	2.813	6.3	19.8
7 10	17 17.26	−30 7.9	1.870	2.808	9.8	20.0
7 20	17 12.13	−29 54.0	1.935	2.803	13.0	20.2

435187 2007 RG_{46} 6 15.7 276.°36 2.°9/16.0 16

5 11	18 4.68	−31 7.8	1.952	2.793	13.8	21.5
5 21	17 59.65	−31 21.1	1.865	2.784	10.7	21.3
5 31	17 52.12	−31 28.0	1.801	2.774	7.2	21.0
6 10	17 42.84	−31 25.9	1.761	2.765	3.9	20.8
6 20	17 32.79	−31 13.3	1.747	2.755	3.4	20.7
6 30	17 23.18	−30 50.8	1.761	2.746	6.6	20.9
7 10	17 15.09	−30 21.1	1.800	2.736	10.2	21.1
7 20	17 9.33	−29 47.8	1.861	2.727	13.6	21.3

192811 1999 VC_{68} 6 15.7 261.°03 2.°5/15.7 18

5 11	18 5.90	−28 18.7	2.073	2.911	13.2	20.1
5 21	18 0.57	−28 58.1	1.976	2.895	10.2	19.8
5 31	17 52.77	−29 35.6	1.902	2.877	6.8	19.6
6 10	17 43.12	−30 8.0	1.854	2.860	3.4	19.4
6 20	17 32.53	−30 32.5	1.833	2.842	3.1	19.3
6 30	17 22.14	−30 47.8	1.840	2.823	6.5	19.5
7 10	17 13.08	−30 54.7	1.872	2.805	10.1	19.7
7 20	17 6.22	−30 55.5	1.928	2.786	13.5	19.8

397399 2006 WV_{66} 6 15.7 190.°88 1.°9/15.5 18

5 11	18 1.06	−17 46.5	2.557	3.393	11.1	22.0
5 21	17 56.09	−17 32.1	2.474	3.392	8.4	21.8
5 31	17 49.48	−17 19.6	2.414	3.390	5.5	21.6
6 10	17 41.77	−17 9.5	2.382	3.389	2.6	21.4
6 20	17 33.63	−17 2.3	2.378	3.387	2.4	21.4
6 30	17 25.81	−16 58.5	2.402	3.385	5.2	21.6
7 10	17 18.99	−16 58.6	2.454	3.383	8.2	21.8
7 20	17 13.71	−17 2.7	2.529	3.380	10.9	21.9

288796 2004 RF_{150} 6 15.7 237.°10 1.°6/15.6 18

5 11	18 4.39	−18 30.7	2.271	3.106	12.3	21.9
5 21	17 58.96	−18 26.2	2.173	3.091	9.4	21.7
5 31	17 51.50	−18 23.8	2.099	3.076	6.1	21.4
6 10	17 42.58	−18 23.6	2.051	3.059	2.7	21.2
6 20	17 32.98	−18 25.6	2.032	3.043	2.4	21.1
6 30	17 23.61	−18 29.9	2.041	3.025	5.9	21.3
7 10	17 15.36	−18 36.9	2.076	3.007	9.4	21.5
7 20	17 8.91	−18 47.2	2.135	2.988	12.6	21.7

234302 2001 AA 6 15.7 180.°43 5.°3/15.2 17

5 11	18 2.73	− 4 47.6	2.895	3.692	10.9	22.3
5 21	17 57.07	− 4 19.7	2.814	3.694	8.9	22.2
5 31	17 49.97	− 4 0.3	2.757	3.695	6.9	22.1
6 10	17 41.93	− 3 50.9	2.727	3.695	5.5	22.0
6 20	17 33.52	− 3 52.8	2.725	3.695	5.5	22.0
6 30	17 25.38	− 4 6.1	2.751	3.693	6.8	22.0
7 10	17 18.12	− 4 30.0	2.804	3.691	8.8	22.2
7 20	17 12.19	− 5 3.2	2.881	3.688	10.9	22.3

112154 2002 JA_{72} 6 15.7 320.°54 8.°3/14.7 18

5 11	17 58.44	− 6 59.9	1.463	2.315	16.9	18.6
5 21	17 55.43	− 6 8.2	1.369	2.285	14.0	18.4
5 31	17 49.78	− 5 27.7	1.295	2.256	10.9	18.1
6 10	17 42.09	− 5 3.7	1.243	2.227	8.6	17.9
6 20	17 33.30	− 5 0.2	1.213	2.198	8.7	17.8
6 30	17 24.67	− 5 19.4	1.206	2.171	11.4	17.9
7 10	17 17.46	− 6 0.6	1.220	2.144	15.1	18.0
7 20	17 12.67	− 7 0.4	1.253	2.118	18.8	18.2

51255 2000 JX_{57} 6 15.7 88.°45 2.°4/15.5 18

5 11	18 6.03	−26 43.5	2.055	2.895	13.2	18.3
5 21	18 0.47	−27 44.5	1.981	2.900	10.1	18.1
5 31	17 52.57	−28 45.0	1.930	2.906	6.6	17.9
6 10	17 43.00	−29 41.2	1.906	2.912	3.3	17.7
6 20	17 32.69	−30 29.6	1.909	2.918	3.0	17.7
6 30	17 22.75	−31 8.4	1.940	2.923	6.2	18.0
7 10	17 14.23	−31 37.7	1.998	2.929	9.7	18.2
7 20	17 7.88	−31 59.1	2.079	2.935	12.7	18.4

255434 2005 XG_{82} 6 15.7 313.°57 0.°3/15.7 18

5 11	18 0.69	−21 21.1	2.091	2.939	12.7	20.0
5 21	17 56.38	−21 38.0	2.000	2.926	9.7	19.8
5 31	17 49.96	−21 56.8	1.932	2.913	6.2	19.5
6 10	17 42.04	−22 16.5	1.889	2.900	2.3	19.3
6 20	17 33.41	−22 36.0	1.874	2.887	1.8	19.2
6 30	17 25.04	−22 54.6	1.886	2.875	5.7	19.4
7 10	17 17.85	−23 12.4	1.923	2.863	9.5	19.6
7 20	17 12.57	−23 29.9	1.984	2.851	12.8	19.8

470670 2008 SP_{200} 6 15.7 267°.92 0°.4/15.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 3.97	−24 53.7	1.879	2.727	13.9	22.1
5 21	17 59.06	−24 49.6	1.791	2.717	10.6	21.9
5 31	17 51.74	−24 43.0	1.726	2.707	6.8	21.7
6 10	17 42.71	−24 32.7	1.686	2.696	2.6	21.4
6 20	17 32.93	−24 18.6	1.672	2.686	1.9	21.3
6 30	17 23.54	−24 1.5	1.686	2.675	6.3	21.6
7 10	17 15.62	−23 43.4	1.724	2.665	10.3	21.8
7 20	17 9.94	−23 26.4	1.786	2.654	13.9	22.0

57824 2001 WT_{48} 6 15.7 188°.99 3°.4/15.5 18

5 11	18 1.09	−12 30.2	2.412	3.242	11.8	19.7
5 21	17 56.19	−12 20.8	2.331	3.242	9.2	19.5
5 31	17 49.58	−12 17.3	2.273	3.241	6.4	19.3
6 10	17 41.84	−12 20.6	2.242	3.240	3.9	19.2
6 20	17 33.62	−12 31.0	2.238	3.239	3.8	19.2
6 30	17 25.71	−12 48.5	2.262	3.237	6.1	19.3
7 10	17 18.83	−13 12.4	2.313	3.236	8.9	19.5
7 20	17 13.54	−13 41.9	2.387	3.234	11.6	19.6

235898 2005 CL_{69} 6 15.7 3°.10 2°.8/15.4 17

5 11	18 2.05	−16 44.2	1.895	2.743	13.8	20.4
5 21	17 57.36	−16 24.7	1.819	2.743	10.6	20.2
5 31	17 50.51	−16 8.7	1.765	2.743	7.0	19.9
6 10	17 42.21	−15 57.2	1.737	2.743	3.6	19.7
6 20	17 33.34	−15 50.8	1.735	2.743	3.4	19.7
6 30	17 24.91	−15 50.4	1.759	2.743	6.7	19.9
7 10	17 17.83	−15 56.1	1.809	2.743	10.3	20.1
7 20	17 12.79	−16 8.0	1.881	2.743	13.6	20.3

302269 2001 XB_{153} 6 15.7 229°.59 0°.8/15.6 18

5 11	18 2.05	−22 4.9	2.473	3.311	11.3	21.1
5 21	17 56.96	−21 44.6	2.383	3.304	8.6	20.9
5 31	17 50.10	−21 23.1	2.317	3.296	5.5	20.7
6 10	17 42.04	−21 0.6	2.278	3.288	2.1	20.4
6 20	17 33.49	−20 37.6	2.267	3.279	1.8	20.4
6 30	17 25.26	−20 15.3	2.284	3.271	5.2	20.6
7 10	17 18.11	−19 55.0	2.329	3.262	8.4	20.8
7 20	17 12.62	−19 38.1	2.397	3.253	11.3	21.0

322753 2001 BL_{68} 6 15.7 99°.79 19°.6/20.1 18

5 11	18 8.26	+16 33.9	1.158	1.922	25.6	20.2
5 21	18 2.98	+17 40.4	1.113	1.929	23.6	20.1
5 31	17 54.46	+18 6.0	1.080	1.937	21.6	20.0
6 10	17 43.74	+17 41.3	1.063	1.944	20.2	19.9
6 20	17 32.25	+16 22.3	1.061	1.951	19.6	19.9
6 30	17 21.61	+14 12.0	1.078	1.958	20.2	19.9
7 10	17 13.22	+11 21.4	1.113	1.965	21.6	20.0
7 20	17 7.93	+ 8 4.6	1.165	1.972	23.5	20.2

199533 2006 DN_{197} 6 15.7 114°.01 6°.3/14.5 18

5 11	18 2.28	− 9 31.7	1.868	2.704	14.5	20.1
5 21	17 57.42	− 8 24.2	1.799	2.708	11.6	19.9
5 31	17 50.49	− 7 24.0	1.752	2.710	8.7	19.8
6 10	17 42.19	− 6 34.7	1.729	2.713	6.6	19.7
6 20	17 33.41	− 5 59.6	1.732	2.716	6.7	19.7
6 30	17 25.10	− 5 40.5	1.761	2.719	8.9	19.8
7 10	17 18.15	− 5 37.6	1.814	2.722	11.8	20.0
7 20	17 13.19	− 5 49.2	1.889	2.725	14.6	20.2

260878 2005 QX_{130} 6 15.7 251°.92 1°.6/15.8 18

5 11	18 3.12	−27 50.7	2.536	3.370	11.2	22.1
5 21	17 57.94	−28 9.5	2.439	3.355	8.6	21.9
5 31	17 50.84	−28 25.5	2.365	3.340	5.6	21.6
6 10	17 42.36	−28 37.0	2.317	3.325	2.6	21.4
6 20	17 33.24	−28 42.8	2.299	3.309	2.2	21.4
6 30	17 24.34	−28 42.6	2.308	3.293	5.2	21.5
7 10	17 16.52	−28 37.5	2.345	3.277	8.4	21.7
7 20	17 10.43	−28 29.3	2.405	3.261	11.2	21.9

509384 2007 CL_{9} 6 15.7 148°.74 1°.7/16.0 18

5 11	18 3.18	−29 51.5	2.920	3.745	10.1	23.1
5 21	17 57.54	−29 52.6	2.843	3.754	7.7	23.0
5 31	17 50.31	−29 49.0	2.790	3.762	5.1	22.8
6 10	17 42.08	−29 39.8	2.764	3.770	2.5	22.7
6 20	17 33.50	−29 24.5	2.768	3.777	2.1	22.6
6 30	17 25.31	−29 4.0	2.800	3.784	4.5	22.8
7 10	17 18.17	−28 39.8	2.861	3.791	7.2	23.0
7 20	17 12.57	−28 14.0	2.946	3.797	9.5	23.2

303307 2004 TG_{32} 6 15.7 128°.49 5°.3/16.1 17

5 11	18 10.11	−33 56.6	1.449	2.296	17.4	20.9
5 21	18 4.59	−34 39.2	1.381	2.300	13.7	20.7
5 31	17 55.63	−35 12.6	1.334	2.303	9.7	20.5
6 10	17 44.23	−35 31.2	1.309	2.307	6.2	20.3
6 20	17 31.86	−35 31.1	1.309	2.310	5.7	20.3
6 30	17 20.27	−35 12.6	1.333	2.313	8.8	20.4
7 10	17 11.00	−34 40.2	1.381	2.316	12.8	20.7
7 20	17 5.00	−34 0.1	1.449	2.319	16.5	20.9

224515 2005 WT_{70} 6 15.7 263°.91 0°.4/15.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 4.70	−23 49.4	1.768	2.619	14.5	20.8
5 21	17 59.80	−24 0.9	1.682	2.609	11.1	20.6
5 31	17 52.32	−24 11.9	1.618	2.599	7.1	20.3
6 10	17 42.97	−24 20.9	1.579	2.590	2.7	20.0
6 20	17 32.78	−24 26.5	1.566	2.580	2.0	20.0
6 30	17 22.96	−24 28.8	1.580	2.570	6.6	20.2
7 10	17 14.68	−24 28.8	1.618	2.559	10.8	20.5
7 20	17 8.77	−24 28.4	1.679	2.549	14.6	20.7

303909 Tomknops 6 15.7 10°.14 3°.5/15.1 17

5 11	18 0.34	−15 3.6	2.128	2.971	12.7	20.6
5 21	17 55.81	−14 22.6	2.052	2.972	9.8	20.4
5 31	17 49.42	−13 44.9	1.999	2.972	6.7	20.2
6 10	17 41.81	−13 12.3	1.972	2.973	4.0	20.0
6 20	17 33.74	−12 46.5	1.972	2.974	4.0	20.0
6 30	17 26.08	−12 29.0	1.998	2.975	6.7	20.2
7 10	17 19.60	−12 20.5	2.050	2.976	9.8	20.4
7 20	17 14.89	−12 20.8	2.125	2.977	12.6	20.6

242618 2005 JT_{143} 6 15.7 152°.76 3°.9/14.9 18

5 11	18 1.64	−14 5.6	2.128	2.966	12.9	20.6
5 21	17 56.76	−13 19.6	2.052	2.968	10.0	20.4
5 31	17 50.01	−12 37.2	1.999	2.969	6.9	20.2
6 10	17 42.03	−12 0.7	1.973	2.971	4.4	20.0
6 20	17 33.59	−11 31.9	1.973	2.972	4.4	20.0
6 30	17 25.57	−11 12.5	2.001	2.973	6.9	20.2
7 10	17 18.75	−11 3.1	2.054	2.975	10.0	20.4
7 20	17 13.73	−11 3.5	2.129	2.976	12.8	20.6

395490 2011 US_{80} 6 15.7 214°.16 2°.0/15.4 18

5 11	18 1.10	−18 36.4	2.269	3.111	12.0	21.1
5 21	17 56.32	−18 8.3	2.189	3.110	9.2	20.9
5 31	17 49.72	−17 41.2	2.132	3.109	6.0	20.7
6 10	17 41.92	−17 16.0	2.101	3.108	2.9	20.5
6 20	17 33.66	−16 53.9	2.098	3.108	2.7	20.5
6 30	17 25.78	−16 35.9	2.123	3.107	5.8	20.7
7 10	17 19.06	−16 23.1	2.174	3.106	9.0	20.9
7 20	17 14.05	−16 16.2	2.249	3.105	11.9	21.0

297238 1994 JY_{3} 6 15.7 31°.19 2°.6/15.3 17

5 11	18 1.21	−17 48.7	1.951	2.800	13.4	20.7
5 21	17 56.63	−17 14.9	1.878	2.803	10.3	20.5
5 31	17 50.00	−16 42.9	1.828	2.806	6.8	20.3
6 10	17 42.04	−16 14.2	1.804	2.810	3.4	20.1
6 20	17 33.59	−15 50.1	1.806	2.814	3.3	20.1
6 30	17 25.62	−15 32.0	1.835	2.818	6.5	20.3
7 10	17 18.98	−15 21.1	1.889	2.822	10.0	20.5
7 20	17 14.29	−15 17.6	1.966	2.827	13.1	20.7

285102 1995 BZ_{5} 6 15.7 66°.67 2°.4/15.9 17

5 11	18 7.73	−28 13.0	1.333	2.195	17.7	20.9
5 21	18 2.61	−28 28.8	1.274	2.205	13.6	20.6
5 31	17 54.24	−28 39.1	1.235	2.216	8.9	20.4
6 10	17 43.69	−28 40.8	1.218	2.226	4.0	20.1
6 20	17 32.38	−28 32.4	1.225	2.237	3.3	20.1
6 30	17 21.96	−28 14.8	1.258	2.248	7.8	20.4
7 10	17 13.82	−27 51.7	1.313	2.259	12.4	20.7
7 20	17 8.78	−27 27.2	1.389	2.270	16.4	21.0

438201 2005 UG_{128} 6 15.7 318°.18 5°.4/14.2 18

5 11	17 59.73	−13 0.5	1.899	2.746	13.8	20.4
5 21	17 55.69	−11 46.8	1.809	2.728	11.0	20.2
5 31	17 49.54	−10 35.4	1.743	2.711	7.9	19.9
6 10	17 41.92	− 9 30.2	1.701	2.694	5.6	19.8
6 20	17 33.65	− 8 35.0	1.685	2.677	5.9	19.7
6 30	17 25.70	− 7 53.2	1.695	2.661	8.5	19.9
7 10	17 19.00	− 7 26.4	1.729	2.645	11.8	20.0
7 20	17 14.23	− 7 14.6	1.784	2.630	14.9	20.2

289052 2004 TW_{176} 6 15.7 295°.21 1°.2/15.8 18

5 11	18 1.49	−26 48.5	2.300	3.142	11.9	21.3
5 21	17 56.81	−26 58.3	2.212	3.134	9.1	21.1
5 31	17 50.15	−27 5.3	2.147	3.126	5.9	20.9
6 10	17 42.12	−27 8.1	2.109	3.118	2.5	20.7
6 20	17 33.50	−27 6.1	2.098	3.110	2.0	20.6
6 30	17 25.21	−26 59.4	2.114	3.102	5.4	20.8
7 10	17 18.09	−26 49.3	2.157	3.094	8.7	21.0
7 20	17 12.81	−26 37.6	2.223	3.087	11.7	21.2

225860 2001 XT_{188} 6 15.7 198°.22 1°.0/15.6 18

5 11	18 4.96	−20 25.0	2.127	2.966	12.8	21.4
5 21	17 59.44	−20 23.8	2.042	2.963	9.8	21.1
5 31	17 51.82	−20 23.8	1.981	2.960	6.3	20.9
6 10	17 42.74	−20 24.5	1.947	2.956	2.5	20.7
6 20	17 33.05	−20 25.6	1.940	2.952	2.0	20.6
6 30	17 23.72	−20 27.3	1.961	2.947	5.8	20.9
7 10	17 15.68	−20 30.4	2.008	2.942	9.5	21.1
7 20	17 9.59	−20 35.7	2.079	2.937	12.7	21.3

303745 2005 QB_{92} 6 15.7 193°.73 4°.8/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	17 59.04	− 3 23.3	3.547	4.338	9.2	22.4
5 21	17 54.11	− 2 53.3	3.462	4.334	7.6	22.3
5 31	17 48.06	− 2 30.7	3.401	4.331	6.0	22.2
6 10	17 41.27	− 2 17.0	3.367	4.326	5.0	22.1
6 20	17 34.18	− 2 13.2	3.361	4.321	5.0	22.1
6 30	17 27.28	− 2 19.8	3.384	4.316	6.1	22.2
7 10	17 21.05	− 2 36.2	3.433	4.310	7.7	22.3
7 20	17 15.86	− 3 1.3	3.506	4.303	9.3	22.4

205628 2001 VP_{66} 6 15.7 275°.30 0°.8/15.8 18

5 11	18 7.64	−26 3.2	1.487	2.343	16.5	20.8
5 21	18 2.77	−25 55.5	1.390	2.319	12.8	20.5
5 31	17 54.64	−25 43.2	1.312	2.294	8.4	20.2
6 10	17 43.99	−25 24.4	1.258	2.269	3.3	19.8
6 20	17 32.03	−24 58.1	1.229	2.243	2.5	19.7
6 30	17 20.34	−24 25.8	1.226	2.217	7.9	19.9
7 10	17 10.49	−23 51.0	1.247	2.191	13.1	20.1
7 20	17 3.60	−23 18.1	1.287	2.164	17.7	20.4

123450 2000 WZ_{133} 6 15.7 296°.53 2°.2/16.1 18

5 11	18 5.16	−29 56.4	1.665	2.516	15.3	19.3
5 21	18 0.56	−29 47.8	1.566	2.491	11.9	19.0
5 31	17 53.03	−29 31.0	1.488	2.467	8.0	18.7
6 10	17 43.33	−29 3.9	1.434	2.442	3.7	18.4
6 20	17 32.57	−28 25.6	1.406	2.417	3.0	18.3
6 30	17 22.14	−27 37.8	1.403	2.393	7.3	18.5
7 10	17 13.43	−26 44.7	1.425	2.368	11.8	18.7
7 20	17 7.39	−25 51.3	1.468	2.344	16.0	18.9

382483 2001 AK_{17} 6 15.7 201°.48 7°.1/16.4 18

5 11	18 5.20	+ 0 39.5	2.439	3.219	13.1	21.6
5 21	17 59.28	+ 0 41.0	2.353	3.215	11.1	21.5
5 31	17 51.57	+ 0 27.7	2.289	3.210	9.0	21.3
6 10	17 42.63	− 0 2.5	2.251	3.205	7.4	21.2
6 20	17 33.16	− 0 49.8	2.240	3.199	7.2	21.2
6 30	17 23.95	− 1 53.2	2.257	3.192	8.5	21.3
7 10	17 15.77	− 3 9.9	2.300	3.185	10.6	21.4
7 20	17 9.20	− 4 36.1	2.368	3.178	12.8	21.5

384691 2011 GM_{74} 6 15.7 39°.54 0°.3/15.7 17

5 11	18 3.75	−22 1.3	1.660	2.516	15.1	20.9
5 21	17 59.02	−22 12.7	1.590	2.520	11.5	20.7
5 31	17 51.76	−22 25.1	1.542	2.524	7.3	20.5
6 10	17 42.76	−22 37.3	1.518	2.529	2.7	20.2
6 20	17 33.08	−22 48.2	1.519	2.533	2.0	20.2
6 30	17 23.94	−22 57.6	1.547	2.538	6.6	20.5
7 10	17 16.44	−23 6.1	1.600	2.543	10.8	20.7
7 20	17 11.34	−23 15.0	1.674	2.548	14.4	21.0

89888 2002 CW_{239} 6 15.7 290°.52 8°.6/14.3 18

5 11	18 1.06	− 4 11.2	1.758	2.586	15.6	19.0
5 21	17 56.90	− 3 8.2	1.670	2.566	13.0	18.8
5 31	17 50.44	− 2 16.4	1.603	2.547	10.5	18.6
6 10	17 42.31	− 1 40.9	1.558	2.527	8.8	18.5
6 20	17 33.37	− 1 25.4	1.538	2.507	9.0	18.4
6 30	17 24.68	− 1 32.1	1.542	2.487	11.0	18.5
7 10	17 17.28	− 2 0.0	1.568	2.467	13.9	18.6
7 20	17 11.93	− 2 46.4	1.615	2.448	16.8	18.8

38591 1999 XZ_{116} 6 15.7 328°.47 5°.1/15.6 18

5 11	18 2.34	−33 37.1	1.797	2.643	14.5	17.9
5 21	17 58.40	−34 33.9	1.707	2.624	11.6	17.7
5 31	17 51.68	−35 25.5	1.638	2.606	8.4	17.4
6 10	17 42.85	−36 7.1	1.594	2.589	5.7	17.2
6 20	17 32.94	−36 34.6	1.574	2.572	5.5	17.2
6 30	17 23.28	−36 46.1	1.580	2.556	8.1	17.3
7 10	17 15.21	−36 43.1	1.610	2.541	11.6	17.5
7 20	17 9.70	−36 29.2	1.661	2.526	14.9	17.6

368741 2005 UD_{307} 6 15.7 196°.51 4°.0/15.7 18

5 11	18 5.12	−34 27.7	2.591	3.411	11.4	21.3
5 21	17 59.54	−35 18.3	2.508	3.410	9.0	21.2
5 31	17 51.90	−36 3.4	2.449	3.408	6.5	21.0
6 10	17 42.80	−36 39.6	2.416	3.407	4.4	20.9
6 20	17 33.04	−37 4.3	2.411	3.405	4.3	20.9
6 30	17 23.56	−37 16.8	2.434	3.403	6.2	21.0
7 10	17 15.26	−37 18.1	2.484	3.400	8.7	21.1
7 20	17 8.85	−37 10.9	2.557	3.398	11.1	21.3

509942 2009 QZ_{54} 6 15.7 290°.08 3°.1/15.1 17

5 11	18 4.03	−18 57.6	1.594	2.450	15.6	21.1
5 21	17 59.60	−18 11.3	1.495	2.424	12.1	20.8
5 31	17 52.40	−17 23.6	1.417	2.398	8.1	20.5
6 10	17 43.11	−16 36.5	1.364	2.371	4.0	20.2
6 20	17 32.76	−15 52.3	1.336	2.344	4.0	20.1
6 30	17 22.66	−15 14.3	1.333	2.318	8.3	20.3
7 10	17 14.09	−14 45.5	1.354	2.291	12.9	20.5
7 20	17 8.03	−14 27.5	1.396	2.264	17.1	20.7

17105 1999 JC_{47} 6 15.7 327°.78 6°.7/13.9 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 1.34	−13 11.7	1.484	2.343	16.4	16.9
5 21	17 57.36	−11 36.4	1.407	2.332	13.0	16.6
5 31	17 50.80	−10 3.2	1.351	2.322	9.5	16.4
6 10	17 42.44	− 8 37.9	1.319	2.312	6.9	16.2
6 20	17 33.33	− 7 26.4	1.311	2.303	7.3	16.2
6 30	17 24.73	− 6 33.4	1.328	2.295	10.4	16.4
7 10	17 17.75	− 6 1.2	1.367	2.287	14.1	16.6
7 20	17 13.20	− 5 49.3	1.425	2.279	17.6	16.8

34042 Espeseth 6 15.7 297°.45 1°.6/15.6 18

5 11	18 4.18	−21 5.7	1.329	2.197	17.4	18.8
5 21	18 0.10	−20 46.6	1.248	2.184	13.4	18.6
5 31	17 52.87	−20 27.5	1.187	2.172	8.7	18.2
6 10	17 43.31	−20 8.7	1.149	2.159	3.5	17.9
6 20	17 32.67	−19 50.8	1.134	2.147	3.0	17.8
6 30	17 22.50	−19 35.5	1.144	2.135	8.3	18.1
7 10	17 14.28	−19 24.8	1.176	2.123	13.4	18.4
7 20	17 8.99	−19 20.6	1.227	2.112	17.9	18.6

52029 2002 PN_{32} 6 15.7 320°.70 3°.5/16.2 18

5 11	18 4.52	−31 28.7	1.325	2.189	17.7	18.6
5 21	18 0.62	−31 32.6	1.245	2.176	13.9	18.4
5 31	17 53.31	−31 26.6	1.184	2.164	9.4	18.1
6 10	17 43.49	−31 7.4	1.146	2.152	4.9	17.8
6 20	17 32.55	−30 33.4	1.131	2.141	4.1	17.7
6 30	17 22.24	−29 46.6	1.140	2.130	8.4	17.9
7 10	17 14.13	−28 52.2	1.171	2.120	13.3	18.1
7 20	17 9.25	−27 56.6	1.222	2.111	17.6	18.4

7250 Kinoshita 6 15.7 260°.73 8°.4/14.8 18

5 11	18 2.33	− 2 17.9	1.942	2.755	14.9	18.1
5 21	17 57.62	− 1 27.5	1.855	2.739	12.5	17.9
5 31	17 50.79	− 0 49.9	1.788	2.723	10.2	17.7
6 10	17 42.43	− 0 29.2	1.745	2.706	8.6	17.6
6 20	17 33.35	− 0 28.3	1.727	2.689	8.7	17.5
6 30	17 24.51	− 0 48.4	1.734	2.672	10.4	17.6
7 10	17 16.87	− 1 28.1	1.764	2.655	13.0	17.7
7 20	17 11.13	− 2 24.1	1.815	2.637	15.7	17.9

506897 2008 CY_{46} 6 15.7 124°.90 4°.9/15.2 17

5 11	18 0.55	− 7 36.7	2.631	3.447	11.4	22.1
5 21	17 55.54	− 7 5.0	2.564	3.459	9.1	21.9
5 31	17 49.08	− 6 40.9	2.521	3.472	6.8	21.8
6 10	17 41.69	− 6 26.3	2.503	3.484	5.1	21.7
6 20	17 33.98	− 6 22.0	2.514	3.495	5.1	21.7
6 30	17 26.63	− 6 28.6	2.552	3.506	6.7	21.9
7 10	17 20.25	− 6 45.2	2.615	3.517	8.9	22.0
7 20	17 15.29	− 7 10.6	2.703	3.528	11.0	22.2

14896 1992 EB_{26} 6 15.7 143°.60 4°.9/16.3 18

5 11	18 11.05	−36 15.5	2.001	2.821	14.2	20.1
5 21	18 4.41	−36 47.7	1.931	2.832	11.3	19.9
5 31	17 55.11	−37 10.1	1.883	2.841	8.2	19.7
6 10	17 44.00	−37 18.4	1.860	2.851	5.5	19.6
6 20	17 32.26	−37 10.5	1.864	2.859	5.1	19.6
6 30	17 21.19	−36 47.0	1.896	2.867	7.4	19.7
7 10	17 11.94	−36 11.5	1.952	2.874	10.4	19.9
7 20	17 5.27	−35 29.0	2.032	2.881	13.2	20.1

72293 2001 BH_{22} 6 15.7 106°.35 0°.9/15.7 17

5 11	18 7.57	−20 53.9	1.581	2.432	15.9	20.0
5 21	18 1.89	−20 57.9	1.519	2.446	12.1	19.8
5 31	17 53.54	−21 3.3	1.478	2.459	7.7	19.6
6 10	17 43.42	−21 9.4	1.462	2.472	2.9	19.3
6 20	17 32.70	−21 15.2	1.471	2.485	2.3	19.3
6 30	17 22.68	−21 20.9	1.508	2.497	6.9	19.6
7 10	17 14.50	−21 27.3	1.569	2.509	11.2	19.9
7 20	17 8.89	−21 35.6	1.651	2.521	14.8	20.1

42517 1993 XU_{1} 6 15.7 167°.10 6°.4/13.9 18

5 11	18 7.88	− 9 5.3	2.089	2.907	13.8	18.5
5 21	18 1.39	− 7 38.0	2.017	2.913	11.1	18.3
5 31	17 52.91	− 6 16.2	1.968	2.918	8.4	18.2
6 10	17 43.13	− 5 4.2	1.946	2.923	6.6	18.1
6 20	17 32.92	− 4 5.9	1.951	2.927	6.8	18.1
6 30	17 23.20	− 3 24.1	1.985	2.930	8.9	18.2
7 10	17 14.83	− 2 59.6	2.044	2.932	11.6	18.4
7 20	17 8.41	− 2 51.3	2.125	2.933	14.2	18.6

433176 2012 TL_{304} 6 15.7 333°.70 1°.9/15.7 16

5 11	17 59.07	−24 44.1	1.267	2.146	17.4	20.2
5 21	17 56.62	−25 23.4	1.181	2.123	13.4	19.9
5 31	17 50.93	−26 5.0	1.115	2.101	8.8	19.5
6 10	17 42.70	−26 45.5	1.070	2.081	3.7	19.2
6 20	17 33.10	−27 21.3	1.049	2.062	3.1	19.1
6 30	17 23.76	−27 49.8	1.050	2.044	8.4	19.3
7 10	17 16.32	−28 11.0	1.073	2.028	13.6	19.6
7 20	17 11.99	−28 26.6	1.115	2.013	18.3	19.8

185828 2000 AW_{153} 6 15.7 245°.32 1°.4/15.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 2.79	−26 48.2	2.779	3.609	10.4	20.7
5 21	17 57.57	−27 17.1	2.680	3.595	8.0	20.5
5 31	17 50.58	−27 44.7	2.606	3.581	5.2	20.3
6 10	17 42.32	−28 9.0	2.559	3.567	2.4	20.1
6 20	17 33.46	−28 28.8	2.542	3.552	2.0	20.0
6 30	17 24.78	−28 43.1	2.553	3.537	4.8	20.2
7 10	17 17.03	−28 52.7	2.592	3.522	7.8	20.4
7 20	17 10.84	−28 58.5	2.655	3.506	10.4	20.5

170817 2004 EV_{4} 6 15.7 111°.52 1°.2/15.6 17

5 11	18 2.60	−20 8.6	2.171	3.013	12.5	20.5
5 21	17 57.53	−20 2.5	2.098	3.021	9.5	20.3
5 31	17 50.53	−19 57.5	2.049	3.028	6.1	20.1
6 10	17 42.28	−19 53.5	2.025	3.035	2.5	19.9
6 20	17 33.55	−19 50.6	2.030	3.042	2.0	19.9
6 30	17 25.27	−19 49.2	2.062	3.049	5.6	20.1
7 10	17 18.24	−19 50.0	2.120	3.056	9.0	20.4
7 20	17 13.05	−19 53.5	2.202	3.063	12.0	20.6

468047 2013 RT_{11} 6 15.7 319°.28 1°.6/16.0 17

5 11	18 4.46	−28 25.6	1.372	2.237	17.1	21.1
5 21	18 0.32	−28 11.3	1.293	2.226	13.3	20.9
5 31	17 52.98	−27 49.2	1.234	2.216	8.7	20.6
6 10	17 43.34	−27 17.5	1.197	2.207	3.7	20.3
6 20	17 32.73	−26 36.4	1.184	2.198	2.8	20.2
6 30	17 22.74	−25 48.6	1.196	2.189	7.8	20.4
7 10	17 14.81	−24 58.7	1.231	2.181	12.7	20.7
7 20	17 9.89	−24 11.7	1.286	2.173	17.1	20.9

270507 2002 FL_{9} 6 15.7 45°.29 9°.4/14.9 17

5 11	18 1.51	− 3 49.6	1.509	2.345	17.3	19.7
5 21	17 57.11	− 2 32.5	1.460	2.360	14.3	19.5
5 31	17 50.40	− 1 31.0	1.432	2.376	11.5	19.4
6 10	17 42.23	− 0 50.2	1.426	2.393	9.6	19.3
6 20	17 33.64	− 0 33.4	1.444	2.410	9.7	19.3
6 30	17 25.72	− 0 41.0	1.484	2.427	11.5	19.5
7 10	17 19.44	− 1 10.7	1.546	2.445	14.0	19.7
7 20	17 15.40	− 1 57.9	1.628	2.463	16.6	19.9

310360 2011 UL_{280} 6 15.7 263°.91 2°.2/15.7 18

5 11	18 1.32	−16 19.2	2.250	3.090	12.2	20.6
5 21	17 56.63	−16 20.4	2.163	3.082	9.4	20.4
5 31	17 50.04	−16 26.0	2.099	3.075	6.2	20.2
6 10	17 42.14	−16 36.0	2.061	3.067	3.1	20.0
6 20	17 33.65	−16 50.2	2.051	3.060	2.7	20.0
6 30	17 25.45	−17 8.5	2.068	3.052	5.8	20.2
7 10	17 18.34	−17 30.5	2.112	3.044	9.1	20.4
7 20	17 12.95	−17 55.7	2.179	3.037	12.1	20.5

435736 2008 UU_{125} 6 15.7 252°.14 3°.2/14.7 18

5 11	18 5.01	−18 58.9	1.973	2.815	13.6	20.8
5 21	17 59.54	−17 44.3	1.887	2.808	10.5	20.6
5 31	17 51.90	−16 27.2	1.824	2.800	7.0	20.4
6 10	17 42.82	−15 10.5	1.787	2.792	3.8	20.1
6 20	17 33.18	−13 57.6	1.779	2.784	3.9	20.1
6 30	17 24.00	−12 52.4	1.799	2.776	7.2	20.3
7 10	17 16.22	−11 58.1	1.844	2.767	10.8	20.5
7 20	17 10.49	−11 16.3	1.912	2.759	14.1	20.7

39234 2000 YD_{48} 6 15.7 84°.47 0°.4/15.7 18

5 11	18 1.60	−21 58.2	2.339	3.180	11.8	19.0
5 21	17 56.67	−22 0.2	2.268	3.190	8.9	18.8
5 31	17 49.94	−22 2.3	2.220	3.200	5.6	18.6
6 10	17 42.06	−22 4.0	2.199	3.210	2.1	18.4
6 20	17 33.75	−22 5.0	2.206	3.219	1.6	18.4
6 30	17 25.86	−22 5.6	2.241	3.229	5.1	18.6
7 10	17 19.13	−22 6.4	2.302	3.239	8.3	18.8
7 20	17 14.13	−22 8.3	2.388	3.249	11.1	19.0

91775 1999 TH_{206} 6 15.7 239°.63 3°.2/15.9 18

5 11	18 3.61	−32 44.1	2.607	3.432	11.2	20.1
5 21	17 58.36	−33 16.2	2.517	3.425	8.7	19.9
5 31	17 51.15	−33 43.2	2.451	3.417	6.1	19.7
6 10	17 42.55	−34 2.5	2.411	3.408	3.8	19.5
6 20	17 33.34	−34 12.3	2.399	3.400	3.5	19.5
6 30	17 24.41	−34 12.2	2.415	3.391	5.7	19.6
7 10	17 16.60	−34 3.6	2.458	3.383	8.4	19.8
7 20	17 10.57	−33 48.8	2.524	3.374	11.0	19.9

503900 2001 XU_{33} 6 15.7 132°.80 0°.2/15.7 18

5 11	18 2.99	−21 34.8	2.739	3.570	10.5	22.2
5 21	17 57.46	−21 50.7	2.666	3.583	8.0	22.1
5 31	17 50.35	−22 7.2	2.617	3.595	5.0	21.9
6 10	17 42.19	−22 23.4	2.597	3.607	1.9	21.7
6 20	17 33.66	−22 38.5	2.605	3.618	1.4	21.7
6 30	17 25.46	−22 52.4	2.643	3.629	4.5	21.9
7 10	17 18.28	−23 5.1	2.708	3.640	7.4	22.1
7 20	17 12.62	−23 17.4	2.798	3.650	9.9	22.3

343447 2010 EZ_{31} 6 15.7 217°.49 2°.9/15.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 2.64	−15 50.6	1.980	2.823	13.5	21.4
5 21	17 57.79	−15 35.7	1.901	2.821	10.4	21.2
5 31	17 50.83	−15 25.0	1.844	2.819	7.0	21.0
6 10	17 42.44	−15 19.5	1.812	2.817	3.7	20.8
6 20	17 33.45	−15 19.6	1.807	2.814	3.4	20.8
6 30	17 24.85	−15 25.7	1.829	2.812	6.6	21.0
7 10	17 17.55	−15 37.9	1.877	2.809	10.1	21.2
7 20	17 12.20	−15 55.7	1.947	2.806	13.3	21.4

373608 2002 CG_{315} 6 15.7 182°.65 1°.5/15.6 17

5 11	18 4.42	−20 9.1	1.967	2.812	13.5	21.6
5 21	17 59.15	−19 53.0	1.889	2.812	10.3	21.4
5 31	17 51.69	−19 37.6	1.833	2.812	6.6	21.2
6 10	17 42.75	−19 23.1	1.803	2.812	2.8	20.9
6 20	17 33.23	−19 10.0	1.800	2.811	2.4	20.9
6 30	17 24.16	−18 59.1	1.824	2.811	6.2	21.1
7 10	17 16.48	−18 51.8	1.874	2.810	10.0	21.4
7 20	17 10.86	−18 48.7	1.947	2.808	13.2	21.6

94282 2001 DO_{46} 6 15.7 273°.93 6°.0/15.1 18

5 11	18 0.02	− 4 21.3	2.579	3.386	11.8	19.8
5 21	17 55.44	− 3 55.0	2.478	3.364	9.7	19.6
5 31	17 49.22	− 3 38.4	2.400	3.341	7.7	19.5
6 10	17 41.84	− 3 33.5	2.348	3.317	6.2	19.3
6 20	17 33.89	− 3 42.0	2.322	3.293	6.2	19.3
6 30	17 26.08	− 4 4.2	2.323	3.269	7.7	19.4
7 10	17 19.11	− 4 39.2	2.350	3.245	10.0	19.5
7 20	17 13.56	− 5 25.3	2.399	3.221	12.4	19.6

194062 2001 SS_{126} 6 15.7 80°.76 3°.7/16.1 17

5 11	18 9.69	−30 47.8	1.303	2.161	18.3	20.0
5 21	18 4.29	−31 9.6	1.244	2.171	14.2	19.8
5 31	17 55.42	−31 23.2	1.204	2.182	9.5	19.5
6 10	17 44.21	−31 24.5	1.187	2.193	5.0	19.3
6 20	17 32.20	−31 11.4	1.194	2.203	4.3	19.3
6 30	17 21.15	−30 45.2	1.226	2.214	8.3	19.5
7 10	17 12.57	−30 10.8	1.280	2.224	12.8	19.8
7 20	17 7.28	−29 33.6	1.355	2.235	16.8	20.1

289896 2005 MK_{42} 6 15.7 284°.95 1°.4/15.5 18

5 11	18 1.66	−20 50.4	2.127	2.973	12.6	20.8
5 21	17 57.02	−20 23.1	2.035	2.960	9.6	20.5
5 31	17 50.35	−19 54.9	1.967	2.947	6.2	20.3
6 10	17 42.27	−19 26.6	1.924	2.934	2.6	20.0
6 20	17 33.59	−18 59.1	1.909	2.921	2.3	20.0
6 30	17 25.23	−18 34.0	1.922	2.908	6.0	20.2
7 10	17 18.08	−18 12.9	1.960	2.895	9.6	20.4
7 20	17 12.80	−17 57.2	2.021	2.882	12.8	20.6

128692 2004 RO_{90} 6 15.7 348°.55 0°.9/15.9 17

5 11	18 3.27	−26 14.9	1.101	1.982	19.3	19.9
5 21	17 59.91	−26 2.7	1.034	1.977	14.8	19.6
5 31	17 52.94	−25 44.7	0.986	1.973	9.5	19.3
6 10	17 43.39	−25 19.8	0.958	1.969	3.7	18.9
6 20	17 32.77	−24 48.0	0.952	1.966	2.7	18.8
6 30	17 22.94	−24 12.1	0.969	1.964	8.6	19.2
7 10	17 15.54	−23 36.5	1.007	1.963	14.1	19.5
7 20	17 11.53	−23 5.4	1.064	1.963	18.8	19.8

407674 2011 UV_{14} 6 15.7 1°.82 5°.1/16.2 17

5 11	18 8.74	−33 7.9	1.305	2.162	18.3	20.7
5 21	18 3.89	−33 40.9	1.237	2.161	14.4	20.4
5 31	17 55.40	−34 4.3	1.187	2.161	10.1	20.2
6 10	17 44.29	−34 12.8	1.160	2.161	6.1	20.0
6 20	17 32.11	−34 2.9	1.157	2.162	5.5	19.9
6 30	17 20.74	−33 35.2	1.177	2.162	9.1	20.1
7 10	17 11.83	−32 55.0	1.220	2.162	13.5	20.4
7 20	17 6.37	−32 8.9	1.282	2.163	17.5	20.6

392798 2012 TB_{190} 6 15.7 279°.06 0°.2/15.7 17

5 11	18 3.34	−23 51.3	1.920	2.769	13.6	20.9
5 21	17 58.47	−23 37.7	1.839	2.765	10.4	20.7
5 31	17 51.34	−23 21.9	1.780	2.761	6.6	20.5
6 10	17 42.65	−23 3.5	1.747	2.757	2.5	20.2
6 20	17 33.35	−22 42.8	1.740	2.754	1.9	20.1
6 30	17 24.49	−22 21.2	1.760	2.750	6.1	20.4
7 10	17 17.06	−22 0.4	1.806	2.746	10.0	20.6
7 20	17 11.77	−21 42.6	1.874	2.742	13.4	20.8

155763 2000 SJ_{178} 6 15.7 278°.87 5°.1/14.5 18

5 11	18 3.68	−13 32.4	1.879	2.720	14.2	20.0
5 21	17 58.86	−12 27.0	1.778	2.695	11.3	19.8
5 31	17 51.71	−11 23.4	1.701	2.669	8.1	19.6
6 10	17 42.85	−10 24.8	1.648	2.643	5.5	19.3
6 20	17 33.15	− 9 34.9	1.621	2.617	5.7	19.3
6 30	17 23.67	− 8 57.0	1.622	2.590	8.6	19.4
7 10	17 15.46	− 8 33.0	1.646	2.563	12.3	19.6
7 20	17 9.31	− 8 23.3	1.692	2.536	15.7	19.7

416261 2003 FD_5 6 15.7 69°.44 5°.8/15.1 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 20.86	−31 41.9	1.650	2.472	16.7	21.4
5 21	18 12.21	−33 48.7	1.610	2.514	13.0	21.3
5 31	18 0.23	−35 48.4	1.595	2.556	9.2	21.2
6 10	17 45.97	−37 31.4	1.606	2.597	6.2	21.1
6 20	17 30.95	−38 50.8	1.646	2.637	6.2	21.2
6 30	17 16.88	−39 44.3	1.714	2.676	8.8	21.4
7 10	17 5.23	−40 15.2	1.807	2.715	11.9	21.7
7 20	16 56.86	−40 29.4	1.922	2.753	14.6	21.9

187893 2000 SF_{85} 6 15.7 329°.08 8°.5/14.3 17

5 11	18 2.41	−34 25.5	1.241	2.108	18.4	18.6
5 21	17 59.97	−36 14.8	1.154	2.081	15.0	18.3
5 31	17 53.62	−38 3.4	1.086	2.055	11.5	18.0
6 10	17 43.93	−39 41.5	1.040	2.030	8.8	17.8
6 20	17 32.18	−40 58.8	1.015	2.006	9.1	17.8
6 30	17 20.42	−41 48.3	1.013	1.983	12.3	17.8
7 10	17 10.86	−42 9.8	1.030	1.962	16.4	18.0
7 20	17 5.16	−42 8.6	1.065	1.942	20.5	18.2

329206 2012 DN_{53} 6 15.7 15°.74 0°.6/15.7 17

5 11	18 2.49	−21 2.4	1.226	2.101	18.1	20.1
5 21	17 58.82	−21 15.6	1.165	2.105	13.8	19.8
5 31	17 52.01	−21 31.9	1.123	2.109	8.8	19.6
6 10	17 42.99	−21 49.8	1.102	2.114	3.3	19.3
6 20	17 33.12	−22 7.7	1.106	2.120	2.5	19.2
6 30	17 23.95	−22 25.0	1.133	2.126	7.9	19.6
7 10	17 16.88	−22 42.0	1.182	2.134	12.9	19.9
7 20	17 12.80	−22 59.5	1.250	2.142	17.1	20.1

134051 2004 XZ_{26} 6 15.7 143°.36 1°.0/15.6 18

5 11	18 4.42	−20 41.7	2.173	3.012	12.6	20.8
5 21	17 58.91	−20 33.0	2.099	3.020	9.6	20.6
5 31	17 51.42	−20 24.9	2.049	3.028	6.1	20.4
6 10	17 42.65	−20 17.2	2.025	3.035	2.4	20.2
6 20	17 33.40	−20 10.0	2.029	3.042	2.0	20.2
6 30	17 24.61	−20 3.8	2.061	3.048	5.6	20.4
7 10	17 17.11	−19 59.7	2.120	3.054	9.0	20.7
7 20	17 11.50	−19 58.5	2.202	3.060	12.1	20.9

427550 2002 TZ_{104} 6 15.7 230°.12 0°.9/15.8 17

5 11	18 7.28	−25 51.7	1.969	2.809	13.7	22.3
5 21	18 1.59	−25 55.1	1.877	2.798	10.5	22.1
5 31	17 53.43	−25 55.6	1.807	2.786	6.8	21.8
6 10	17 43.48	−25 51.5	1.763	2.773	2.7	21.5
6 20	17 32.73	−25 42.1	1.747	2.760	2.0	21.5
6 30	17 22.33	−25 27.7	1.758	2.746	6.2	21.7
7 10	17 13.38	−25 10.4	1.795	2.732	10.2	21.9
7 20	17 6.70	−24 52.7	1.855	2.717	13.8	22.1

463501 2013 QA_{57} 6 15.7 336°.31 4°.3/15.8 17

5 11	18 1.65	−13 56.0	1.304	2.171	17.7	20.6
5 21	17 58.07	−13 48.8	1.230	2.163	13.9	20.3
5 31	17 51.54	−13 51.3	1.176	2.155	9.5	20.0
6 10	17 42.86	−14 5.0	1.143	2.148	5.3	19.8
6 20	17 33.19	−14 30.0	1.134	2.142	4.9	19.7
6 30	17 23.98	−15 5.4	1.149	2.136	8.9	20.0
7 10	17 16.60	−15 49.4	1.186	2.132	13.5	20.2
7 20	17 11.99	−16 39.7	1.243	2.128	17.7	20.4

248325 2005 QS_{12} 6 15.7 127°.07 3°.4/16.4 17

5 11	18 5.07	−34 13.9	2.349	3.174	12.2	20.3
5 21	17 59.48	−34 21.6	2.272	3.180	9.6	20.1
5 31	17 51.82	−34 21.2	2.219	3.185	6.7	19.9
6 10	17 42.80	−34 10.5	2.192	3.189	4.1	19.8
6 20	17 33.30	−33 48.9	2.192	3.194	3.6	19.8
6 30	17 24.31	−33 17.3	2.220	3.199	5.9	19.9
7 10	17 16.72	−32 38.6	2.274	3.203	8.8	20.1
7 20	17 11.13	−31 56.2	2.352	3.208	11.5	20.3

365947 2012 AN_{21} 6 15.8 181°.61 7°.9/16.5 17

5 11	18 8.21	− 0 23.6	1.948	2.741	15.5	21.3
5 21	18 1.96	− 0 17.8	1.870	2.743	13.0	21.1
5 31	17 53.48	− 0 29.3	1.813	2.744	10.4	20.9
6 10	17 43.46	− 1 0.5	1.781	2.744	8.4	20.8
6 20	17 32.79	− 1 52.0	1.775	2.743	8.1	20.8
6 30	17 22.51	− 3 2.0	1.796	2.741	9.7	20.9
7 10	17 13.57	− 4 26.6	1.843	2.739	12.3	21.0
7 20	17 6.69	− 6 1.2	1.912	2.736	15.0	21.2

410167 2007 ML_7 6 15.8 331°.83 1°.1/15.8 17

5 11	17 58.02	−19 18.1	0.963	1.859	20.1	20.3
5 21	17 56.48	−19 41.6	0.887	1.838	15.6	19.9
5 31	17 51.21	−20 14.0	0.828	1.818	10.2	19.5
6 10	17 42.95	−20 54.3	0.788	1.800	4.0	19.1
6 20	17 33.04	−21 40.1	0.769	1.783	3.1	19.0
6 30	17 23.45	−22 28.1	0.770	1.768	9.6	19.3
7 10	17 16.14	−23 16.2	0.790	1.754	15.8	19.6
7 20	17 12.49	−24 3.2	0.827	1.742	21.2	19.8

18687 1998 FA_{120} 6 15.8 322°.53 5°.3/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	17 59.68	−10 43.8	1.965	2.806	13.7	18.5
5 21	17 55.56	− 9 58.0	1.884	2.798	10.9	18.3
5 31	17 49.44	− 9 18.8	1.826	2.790	8.0	18.1
6 10	17 41.96	− 8 48.9	1.792	2.783	5.7	17.9
6 20	17 33.91	− 8 30.7	1.784	2.776	5.7	17.9
6 30	17 26.21	− 8 25.3	1.802	2.769	8.0	18.1
7 10	17 19.71	− 8 32.9	1.844	2.762	11.1	18.2
7 20	17 15.06	− 8 52.2	1.908	2.756	14.0	18.4

304032 2006 DR_{89} 6 15.8 35°.36 0°.9/15.7 17

5 11	18 5.05	−22 12.7	1.205	2.078	18.5	20.6
5 21	18 0.76	−22 1.7	1.145	2.084	14.1	20.4
5 31	17 53.22	−21 50.6	1.104	2.090	9.0	20.1
6 10	17 43.45	−21 38.9	1.085	2.096	3.4	19.8
6 20	17 32.86	−21 26.8	1.089	2.103	2.7	19.8
6 30	17 23.09	−21 15.6	1.117	2.110	8.1	20.1
7 10	17 15.57	−21 7.4	1.167	2.118	13.2	20.4
7 20	17 11.13	−21 3.7	1.237	2.125	17.5	20.7

339437 2005 EC_{130} 6 15.8 138°.76 1°.0/15.6 17

5 11	18 3.97	−20 47.4	2.279	3.117	12.2	21.9
5 21	17 58.47	−20 35.3	2.206	3.126	9.2	21.7
5 31	17 51.11	−20 23.5	2.156	3.135	5.9	21.5
6 10	17 42.54	−20 12.0	2.134	3.143	2.4	21.3
6 20	17 33.54	−20 0.9	2.139	3.151	1.9	21.3
6 30	17 24.99	−19 51.2	2.173	3.159	5.4	21.5
7 10	17 17.67	−19 43.6	2.233	3.166	8.7	21.7
7 20	17 12.16	−19 39.2	2.317	3.173	11.6	21.9

91568 1999 RD_{241} 6 15.8 235°.72 2°.3/15.8 18

5 11	18 3.71	−30 4.2	2.811	3.636	10.5	20.2
5 21	17 58.31	−30 36.0	2.714	3.624	8.1	20.0
5 31	17 51.09	−31 4.6	2.641	3.611	5.5	19.8
6 10	17 42.58	−31 27.8	2.596	3.599	3.0	19.7
6 20	17 33.46	−31 43.9	2.579	3.585	2.7	19.6
6 30	17 24.53	−31 52.4	2.592	3.572	5.1	19.8
7 10	17 16.58	−31 54.0	2.631	3.558	7.8	19.9
7 20	17 10.23	−31 50.4	2.696	3.544	10.4	20.1

208622 2002 ET_{47} 6 15.8 346°.94 5°.8/15.3 17

5 11	17 56.57	−14 46.8	1.000	1.892	19.8	19.0
5 21	17 54.85	−14 0.3	0.934	1.880	15.6	18.7
5 31	17 49.79	−13 20.8	0.885	1.870	10.9	18.4
6 10	17 42.28	−12 52.7	0.856	1.861	6.6	18.1
6 20	17 33.67	−12 39.5	0.848	1.854	6.5	18.1
6 30	17 25.65	−12 43.5	0.859	1.848	10.7	18.3
7 10	17 19.79	−13 4.1	0.890	1.845	15.7	18.5
7 20	17 17.10	−13 38.9	0.938	1.843	20.3	18.8

207380 2005 OH_7 6 15.8 315°.47 0°.3/15.8 18

5 11	17 58.40	−23 57.0	2.713	3.554	10.3	20.0
5 21	17 54.28	−24 6.1	2.614	3.536	7.9	19.8
5 31	17 48.52	−24 14.7	2.539	3.519	5.0	19.6
6 10	17 41.61	−24 21.9	2.491	3.502	1.9	19.3
6 20	17 34.18	−24 27.2	2.471	3.485	1.4	19.3
6 30	17 26.94	−24 30.5	2.480	3.468	4.6	19.5
7 10	17 20.60	−24 32.5	2.515	3.452	7.7	19.6
7 20	17 15.71	−24 33.9	2.574	3.436	10.4	19.8

311246 2005 EX_{13} 6 15.8 81°.67 1°.3/15.7 17

5 11	18 6.84	−19 59.7	1.448	2.306	16.8	21.0
5 21	18 1.54	−20 2.3	1.390	2.320	12.8	20.8
5 31	17 53.44	−20 7.6	1.351	2.333	8.1	20.6
6 10	17 43.48	−20 14.9	1.337	2.347	3.2	20.3
6 20	17 32.88	−20 23.3	1.348	2.361	2.6	20.3
6 30	17 23.03	−20 32.8	1.384	2.374	7.3	20.6
7 10	17 15.14	−20 43.9	1.444	2.387	11.7	20.9
7 20	17 9.94	−20 57.4	1.526	2.401	15.5	21.2

70628 1999 TE_{217} 6 15.8 91°.33 1°.7/15.8 18

5 11	18 5.06	−26 54.8	1.859	2.706	14.1	18.6
5 21	17 59.92	−27 16.8	1.786	2.710	10.8	18.4
5 31	17 52.34	−27 36.2	1.735	2.714	7.0	18.2
6 10	17 43.07	−27 50.4	1.709	2.718	3.1	17.9
6 20	17 33.15	−27 57.9	1.710	2.722	2.5	17.9
6 30	17 23.72	−27 58.7	1.738	2.726	6.3	18.2
7 10	17 15.87	−27 54.2	1.791	2.730	10.1	18.4
7 20	17 10.32	−27 46.9	1.867	2.734	13.4	18.6

320285 2007 RQ_{185} 6 15.8 254°.54 0°.1/15.8 18

5 11	18 3.80	−22 18.8	2.042	2.886	13.1	20.8
5 21	17 58.83	−22 39.2	1.955	2.879	10.0	20.6
5 31	17 51.62	−23 0.9	1.891	2.871	6.4	20.4
6 10	17 42.83	−23 22.4	1.853	2.864	2.4	20.1
6 20	17 33.31	−23 42.2	1.842	2.856	1.8	20.0
6 30	17 24.09	−23 59.6	1.859	2.848	5.9	20.3
7 10	17 16.16	−24 15.0	1.901	2.840	9.7	20.5
7 20	17 10.26	−24 29.2	1.967	2.832	13.0	20.7

437424 2013 XY_{17} 6 15.8 211°.86 6°.6/13.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 4.34	− 9 25.7	2.010	2.838	13.9	21.3
5 21	17 58.94	− 7 55.7	1.931	2.834	11.2	21.1
5 31	17 51.52	− 6 30.6	1.876	2.829	8.6	20.9
6 10	17 42.74	− 5 15.0	1.846	2.825	6.8	20.8
6 20	17 33.42	− 4 13.1	1.843	2.820	7.0	20.8
6 30	17 24.52	− 3 28.0	1.867	2.814	9.2	20.9
7 10	17 16.90	− 3 1.0	1.915	2.809	12.0	21.1
7 20	17 11.19	− 2 51.2	1.985	2.803	14.7	21.2

523184 2016 TY_{99} 6 15.8 246°.54 1°.7/16.1 18

5 11	18 2.80	−29 27.9	2.582	3.414	11.1	21.6
5 21	17 57.65	−29 25.9	2.489	3.404	8.5	21.4
5 31	17 50.66	−29 19.0	2.420	3.394	5.6	21.2
6 10	17 42.41	−29 5.9	2.377	3.384	2.7	21.0
6 20	17 33.65	−28 46.3	2.363	3.374	2.2	21.0
6 30	17 25.20	−28 21.0	2.377	3.363	5.0	21.1
7 10	17 17.87	−27 51.8	2.418	3.352	8.1	21.3
7 20	17 12.24	−27 21.3	2.484	3.341	10.9	21.5

202444 2005 YM_{64} 6 15.8 280°.10 0°.5/15.8 17

5 11	18 6.57	−23 37.3	1.356	2.219	17.4	20.3
5 21	18 2.20	−23 51.2	1.266	2.200	13.5	20.0
5 31	17 54.45	−24 5.7	1.197	2.181	8.7	19.7
6 10	17 44.08	−24 18.5	1.150	2.161	3.3	19.3
6 20	17 32.32	−24 27.4	1.128	2.142	2.5	19.2
6 30	17 20.83	−24 31.9	1.130	2.122	8.2	19.5
7 10	17 11.28	−24 33.4	1.154	2.102	13.6	19.7
7 20	17 4.84	−24 34.3	1.199	2.082	18.3	19.9

312139 2007 TY_{298} 6 15.8 164°.98 4°.6/15.9 17

5 11	18 9.76	−32 29.1	1.549	2.394	16.5	20.8
5 21	18 4.20	−33 12.3	1.477	2.396	13.0	20.6
5 31	17 55.42	−33 48.5	1.426	2.397	9.0	20.4
6 10	17 44.32	−34 12.3	1.399	2.399	5.5	20.2
6 20	17 32.25	−34 20.1	1.396	2.400	5.0	20.1
6 30	17 20.82	−34 11.7	1.420	2.401	8.3	20.3
7 10	17 11.51	−33 50.4	1.467	2.401	12.2	20.6
7 20	17 5.24	−33 21.5	1.535	2.402	15.9	20.8

394742 2008 FW_{31} 6 15.8 193°.02 6°.0/14.9 18

5 11	18 0.10	− 4 35.3	2.568	3.377	11.8	21.7
5 21	17 55.37	− 3 55.4	2.490	3.375	9.7	21.6
5 31	17 49.10	− 3 24.5	2.434	3.374	7.6	21.4
6 10	17 41.81	− 3 5.2	2.405	3.372	6.2	21.3
6 20	17 34.12	− 2 59.0	2.401	3.370	6.2	21.3
6 30	17 26.71	− 3 6.5	2.425	3.367	7.7	21.4
7 10	17 20.23	− 3 27.0	2.474	3.365	9.8	21.5
7 20	17 15.19	− 3 58.6	2.546	3.362	11.9	21.7

120975 1998 WE_{19} 6 15.8 209°.14 3°.4/15.8 17

5 11	18 10.74	−29 22.5	1.657	2.499	15.8	20.7
5 21	18 4.82	−30 6.2	1.575	2.494	12.3	20.5
5 31	17 55.81	−30 46.5	1.514	2.489	8.3	20.3
6 10	17 44.49	−31 18.7	1.478	2.483	4.4	20.0
6 20	17 32.09	−31 39.0	1.469	2.476	3.9	20.0
6 30	17 20.13	−31 46.2	1.486	2.469	7.7	20.2
7 10	17 10.05	−31 42.3	1.527	2.461	11.9	20.4
7 20	17 2.84	−31 31.2	1.590	2.453	15.6	20.6

394009 2005 VV_{44} 6 15.8 44°.09 5°.5/14.5 17

5 11	18 0.52	−10 44.8	2.036	2.874	13.4	20.2
5 21	17 55.93	− 9 35.0	1.974	2.884	10.6	20.0
5 31	17 49.52	− 8 31.3	1.935	2.896	7.8	19.9
6 10	17 41.96	− 7 37.1	1.920	2.907	5.8	19.8
6 20	17 34.05	− 6 55.3	1.933	2.919	5.9	19.8
6 30	17 26.62	− 6 27.8	1.971	2.931	8.0	20.0
7 10	17 20.44	− 6 14.8	2.034	2.943	10.7	20.2
7 20	17 16.03	− 6 15.3	2.119	2.955	13.3	20.4

266608 2008 LT_{16} 6 15.8 77°.54 1°.1/15.6 17

5 11	18 5.98	−22 43.9	1.629	2.482	15.4	20.2
5 21	18 0.56	−22 8.9	1.567	2.496	11.7	20.0
5 31	17 52.65	−21 31.8	1.527	2.509	7.4	19.8
6 10	17 43.16	−20 53.2	1.512	2.523	2.9	19.5
6 20	17 33.19	−20 14.8	1.523	2.536	2.4	19.5
6 30	17 23.97	−19 39.1	1.560	2.549	6.8	19.8
7 10	17 16.54	−19 8.5	1.623	2.563	10.9	20.1
7 20	17 11.53	−18 44.9	1.707	2.576	14.4	20.3

239778 2010 CK_{94} 6 15.8 233°.26 1°.1/15.7 17

5 11	18 3.52	−20 19.6	2.007	2.852	13.3	21.6
5 21	17 58.54	−20 15.2	1.923	2.847	10.1	21.3
5 31	17 51.40	−20 12.0	1.862	2.842	6.5	21.1
6 10	17 42.74	−20 9.8	1.827	2.836	2.6	20.9
6 20	17 33.43	−20 8.5	1.818	2.831	2.1	20.8
6 30	17 24.50	−20 8.5	1.837	2.825	6.0	21.0
7 10	17 16.88	−20 10.4	1.882	2.819	9.8	21.3
7 20	17 11.27	−20 15.1	1.949	2.813	13.1	21.5

322657 1999 PV_5 6 15.8 130°.71 4°.1/15.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 5.68	−14 10.3	1.622	2.468	15.8	21.2
5 21	18 0.40	−13 46.3	1.554	2.475	12.3	21.0
5 31	17 52.63	−13 28.7	1.508	2.482	8.4	20.7
6 10	17 43.19	−13 19.1	1.486	2.488	4.9	20.6
6 20	17 33.13	−13 18.4	1.490	2.494	4.6	20.6
6 30	17 23.64	−13 27.0	1.520	2.500	7.9	20.8
7 10	17 15.81	−13 44.6	1.574	2.505	11.8	21.0
7 20	17 10.34	−14 10.0	1.649	2.511	15.2	21.2

288279 2004 AX 6 15.8 243°.79 3°.6/15.1 18

5 11	18 3.06	−13 24.0	2.527	3.353	11.5	21.4
5 21	17 57.79	−12 48.4	2.425	3.334	9.0	21.2
5 31	17 50.75	−12 16.0	2.348	3.314	6.3	21.0
6 10	17 42.48	−11 48.6	2.297	3.294	4.0	20.9
6 20	17 33.62	−11 27.4	2.275	3.273	4.0	20.8
6 30	17 24.97	−11 13.9	2.281	3.251	6.4	20.9
7 10	17 17.27	−11 8.6	2.314	3.229	9.3	21.1
7 20	17 11.11	−11 11.6	2.370	3.206	12.0	21.2

394776 2008 GW_{83} 6 15.8 120°.43 4°.2/15.2 16

5 11	18 0.20	−11 12.0	2.388	3.218	11.9	21.7
5 21	17 55.54	−10 38.8	2.313	3.222	9.4	21.6
5 31	17 49.24	−10 11.6	2.263	3.226	6.7	21.4
6 10	17 41.88	− 9 52.0	2.238	3.230	4.6	21.3
6 20	17 34.12	− 9 41.2	2.240	3.234	4.6	21.3
6 30	17 26.71	− 9 40.0	2.270	3.238	6.6	21.4
7 10	17 20.34	− 9 48.2	2.326	3.241	9.2	21.6
7 20	17 15.52	−10 4.9	2.404	3.245	11.7	21.8

430027 2013 RD_{41} 6 15.8 275°.81 0°.7/15.8 17

5 11	18 5.94	−24 27.7	1.692	2.543	15.1	21.5
5 21	18 1.12	−24 39.5	1.595	2.522	11.6	21.2
5 31	17 53.46	−24 50.5	1.519	2.500	7.5	20.9
6 10	17 43.65	−24 58.8	1.467	2.478	2.9	20.6
6 20	17 32.72	−25 2.7	1.442	2.456	2.2	20.5
6 30	17 22.01	−25 2.1	1.443	2.433	7.1	20.7
7 10	17 12.85	−24 58.3	1.468	2.410	11.7	21.0
7 20	17 6.24	−24 53.6	1.515	2.387	15.8	21.2

176664 2002 PM_{15} 6 15.8 310°.49 2°.3/15.6 17

5 11	18 2.67	−19 8.0	1.360	2.228	17.1	20.7
5 21	17 58.93	−18 51.2	1.278	2.214	13.2	20.4
5 31	17 52.17	−18 36.9	1.216	2.199	8.6	20.1
6 10	17 43.18	−18 25.7	1.176	2.185	3.9	19.8
6 20	17 33.11	−18 18.5	1.160	2.172	3.4	19.7
6 30	17 23.46	−18 16.1	1.168	2.159	8.3	20.0
7 10	17 15.61	−18 19.7	1.199	2.146	13.2	20.2
7 20	17 10.57	−18 29.9	1.249	2.134	17.6	20.5

354179 2002 CR_{315} 6 15.8 297°.34 7°.7/15.1 17

5 11	17 59.28	− 1 35.3	2.219	3.027	13.4	21.1
5 21	17 55.06	− 0 53.9	2.138	3.018	11.3	20.9
5 31	17 49.06	− 0 24.9	2.078	3.008	9.3	20.8
6 10	17 41.86	− 0 11.6	2.043	2.999	7.9	20.7
6 20	17 34.13	− 0 15.9	2.032	2.990	7.9	20.7
6 30	17 26.67	− 0 38.5	2.047	2.982	9.3	20.7
7 10	17 20.25	− 1 17.8	2.085	2.973	11.4	20.9
7 20	17 15.43	− 2 11.0	2.146	2.964	13.7	21.0

162133 1998 SH_{163} 6 15.8 321°.12 5°.8/15.9 18

5 11	18 4.14	−34 47.6	1.597	2.445	15.9	19.1
5 21	18 0.17	−35 37.7	1.510	2.428	12.8	18.9
5 31	17 53.06	−36 20.3	1.444	2.411	9.3	18.6
6 10	17 43.55	−36 50.0	1.401	2.395	6.4	18.4
6 20	17 32.84	−37 2.3	1.382	2.380	6.1	18.4
6 30	17 22.50	−36 56.0	1.388	2.365	8.9	18.5
7 10	17 14.03	−36 33.8	1.416	2.350	12.6	18.7
7 20	17 8.50	−36 0.7	1.465	2.337	16.2	18.8

74870 1999 TJ_{96} 6 15.8 215°.84 2°.5/15.6 18

5 11	18 5.89	−17 13.3	1.767	2.612	14.8	19.6
5 21	18 0.61	−17 4.6	1.685	2.607	11.4	19.4
5 31	17 52.85	−16 59.7	1.624	2.602	7.5	19.2
6 10	17 43.34	−16 59.2	1.588	2.595	3.6	18.9
6 20	17 33.06	−17 3.1	1.579	2.589	3.2	18.9
6 30	17 23.17	−17 11.6	1.597	2.582	7.1	19.1
7 10	17 14.77	−17 24.9	1.639	2.575	11.1	19.3
7 20	17 8.66	−17 43.1	1.704	2.567	14.7	19.5

273654 2007 DB_{81} 6 15.8 212°.47 1°.2/15.7 18

5 11	18 5.96	−19 50.6	2.166	3.002	12.8	22.0
5 21	18 0.28	−19 47.7	2.076	2.995	9.8	21.8
5 31	17 52.47	−19 46.2	2.009	2.987	6.3	21.6
6 10	17 43.17	−19 45.8	1.969	2.978	2.6	21.3
6 20	17 33.20	−19 46.3	1.956	2.968	2.1	21.3
6 30	17 23.55	−19 47.9	1.972	2.958	5.9	21.5
7 10	17 15.13	−19 51.2	2.015	2.948	9.5	21.7
7 20	17 8.65	−19 57.1	2.081	2.936	12.8	21.9

405797 2006 BG_1 6 15.8 154°.19 3°.4/16.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 10.35	−31 30.6	1.472	2.320	17.1	21.1
5 21	18 4.61	−31 39.1	1.402	2.324	13.3	20.8
5 31	17 55.63	−31 38.7	1.351	2.327	9.0	20.6
6 10	17 44.41	−31 25.9	1.325	2.330	4.7	20.4
6 20	17 32.36	−30 59.0	1.323	2.332	3.9	20.3
6 30	17 21.10	−30 20.1	1.347	2.334	7.8	20.5
7 10	17 12.07	−29 33.9	1.395	2.336	12.2	20.8
7 20	17 6.13	−28 46.0	1.464	2.338	16.1	21.0

370744 2004 RL_{159} 6 15.8 179°.02 1°.0/15.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	18 4.87	−21 17.5	2.026	2.868	13.3	21.7
5 21	17 59.48	−21 4.2	1.947	2.869	10.1	21.5
5 31	17 51.95	−20 50.7	1.891	2.870	6.5	21.3
6 10	17 42.96	−20 37.0	1.860	2.870	2.6	21.0
6 20	17 33.41	−20 23.5	1.857	2.870	2.1	21.0
6 30	17 24.29	−20 11.0	1.882	2.870	6.0	21.2
7 10	17 16.55	−20 0.7	1.933	2.869	9.7	21.5
7 20	17 10.84	−19 54.0	2.007	2.868	12.9	21.7

67049 1999 XB_{204} 6 15.8 273°.26 5°.4/16.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	18 7.31	−36 32.5	1.999	2.825	14.0	18.8
5 21	18 2.02	−37 12.4	1.905	2.808	11.3	18.5
5 31	17 53.96	−37 43.9	1.833	2.791	8.4	18.3
6 10	17 43.83	−38 2.3	1.785	2.774	5.9	18.1
6 20	17 32.71	−38 4.3	1.764	2.757	5.6	18.1
6 30	17 21.90	−37 49.2	1.769	2.740	7.9	18.2
7 10	17 12.71	−37 19.7	1.799	2.722	11.0	18.3
7 20	17 6.04	−36 40.5	1.850	2.704	14.2	18.5

42833 1999 NH_{48} 6 15.8 270°.43 1°.3/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	18 4.86	−22 17.8	1.946	2.791	13.6	18.9
5 21	17 59.76	−21 41.6	1.847	2.771	10.5	18.6
5 31	17 52.30	−21 2.3	1.771	2.751	6.8	18.3
6 10	17 43.16	−20 20.4	1.721	2.731	2.7	18.0
6 20	17 33.23	−19 37.5	1.698	2.710	2.4	18.0
6 30	17 23.61	−18 55.8	1.702	2.689	6.5	18.2
7 10	17 15.36	−18 18.1	1.732	2.668	10.6	18.4
7 20	17 9.25	−17 46.9	1.785	2.647	14.2	18.6

405088 2001 WN_{32} 6 15.8 214°.72 0°.4/15.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	18 8.77	−23 8.3	1.659	2.507	15.5	21.7
5 21	18 3.14	−23 28.9	1.576	2.501	11.9	21.5
5 31	17 54.66	−23 50.3	1.514	2.494	7.6	21.2
6 10	17 44.09	−24 10.3	1.477	2.487	2.9	20.9
6 20	17 32.56	−24 26.9	1.466	2.480	2.1	20.9
6 30	17 21.42	−24 39.2	1.482	2.472	7.0	21.1
7 10	17 11.99	−24 48.1	1.523	2.463	11.5	21.4
7 20	17 5.19	−24 55.6	1.586	2.454	15.4	21.6

501768 2014 UQ_{190} 6 15.8 215°.21 1°.3/15.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	18 8.81	−27 9.3	1.684	2.530	15.4	22.7
5 21	18 3.11	−27 4.8	1.601	2.525	11.8	22.5
5 31	17 54.57	−26 55.3	1.539	2.519	7.7	22.2
6 10	17 44.03	−26 39.0	1.502	2.512	3.2	21.9
6 20	17 32.64	−26 15.3	1.492	2.505	2.4	21.8
6 30	17 21.79	−25 45.6	1.508	2.497	6.9	22.1
7 10	17 12.72	−25 13.0	1.549	2.489	11.3	22.3
7 20	17 6.30	−24 41.4	1.612	2.481	15.2	22.5

72172 2000 YB_{109} 6 15.8 251°.48 0°.4/15.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	18 7.08	−21 22.0	1.687	2.536	15.2	19.9
5 21	18 1.89	−21 36.4	1.595	2.521	11.7	19.6
5 31	17 53.91	−21 52.9	1.525	2.506	7.5	19.4
6 10	17 43.84	−22 10.3	1.480	2.490	2.9	19.0
6 20	17 32.72	−22 26.9	1.461	2.474	2.1	18.9
6 30	17 21.87	−22 41.9	1.468	2.458	7.0	19.2
7 10	17 12.58	−22 55.9	1.500	2.441	11.6	19.4
7 20	17 5.80	−23 10.0	1.555	2.423	15.6	19.6

380589 2004 RX_{252} 6 15.8 222°.12 6°.7/17.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	18 13.54	−43 44.1	2.090	2.886	14.6	20.9
5 21	18 6.53	−43 51.3	2.003	2.879	12.1	20.7
5 31	17 56.61	−43 42.2	1.937	2.873	9.5	20.6
6 10	17 44.73	−43 12.2	1.896	2.866	7.4	20.4
6 20	17 32.19	−42 19.4	1.880	2.858	6.8	20.4
6 30	17 20.43	−41 5.7	1.892	2.851	8.3	20.4
7 10	17 10.71	−39 36.8	1.929	2.842	10.9	20.6
7 20	17 3.80	−38 0.2	1.990	2.834	13.7	20.7

342820 2008 XP_{16} 6 15.8 323°.08 2°.8/15.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	18 2.16	−21 6.0	1.536	2.399	15.7	20.0
5 21	17 58.14	−19 56.5	1.450	2.383	12.1	19.7
5 31	17 51.46	−18 42.1	1.385	2.367	7.9	19.4
6 10	17 42.88	−17 25.6	1.344	2.352	3.8	19.2
6 20	17 33.50	−16 11.2	1.329	2.338	3.8	19.1
6 30	17 24.59	−15 3.5	1.339	2.324	8.1	19.3
7 10	17 17.34	−14 7.0	1.373	2.311	12.6	19.6
7 20	17 12.58	−13 24.2	1.427	2.299	16.5	19.8

190630 2000 WZ_{124} 6 15.8 178°.24 6°.4/15.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 2.87	− 5 2.4	2.314	3.124	12.9	21.0
5 21	17 57.61	− 4 18.3	2.239	3.126	10.6	20.8
5 31	17 50.61	− 3 43.9	2.186	3.127	8.3	20.6
6 10	17 42.45	− 3 22.0	2.158	3.128	6.6	20.5
6 20	17 33.84	− 3 14.2	2.157	3.128	6.6	20.5
6 30	17 25.58	− 3 21.3	2.183	3.128	8.3	20.6
7 10	17 18.39	− 3 42.5	2.234	3.127	10.6	20.8
7 20	17 12.85	− 4 15.7	2.308	3.125	12.9	20.9

394058 2005 XF 6 15.8 290°.72 1°.9/15.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	18 1.13	−19 12.0	2.186	3.030	12.4	21.3
5 21	17 56.65	−18 44.6	2.090	3.012	9.5	21.1
5 31	17 50.20	−18 17.5	2.016	2.995	6.2	20.9
6 10	17 42.36	−17 51.6	1.969	2.977	2.9	20.6
6 20	17 33.88	−17 28.0	1.949	2.959	2.7	20.6
6 30	17 25.67	−17 8.0	1.956	2.941	6.0	20.8
7 10	17 18.58	−16 52.9	1.989	2.923	9.6	21.0
7 20	17 13.27	−16 43.6	2.045	2.905	12.8	21.1

438449 2006 YB_2 6 15.8 178°.83 1°.6/16.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	18 4.18	−30 11.4	2.435	3.266	11.7	21.2
5 21	17 58.70	−29 53.5	2.352	3.266	9.0	21.0
5 31	17 51.32	−29 29.1	2.292	3.266	5.9	20.8
6 10	17 42.72	−28 57.4	2.260	3.267	2.7	20.6
6 20	17 33.68	−28 18.8	2.255	3.267	2.1	20.6
6 30	17 25.11	−27 34.9	2.280	3.266	5.1	20.8
7 10	17 17.80	−26 48.5	2.331	3.266	8.3	21.0
7 20	17 12.31	−26 2.6	2.407	3.266	11.1	21.2

420474 2012 DH_{96} 6 15.8 163°.33 1°.9/15.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	18 8.55	−28 8.8	1.692	2.537	15.3	21.8
5 21	18 2.82	−28 16.3	1.618	2.540	11.8	21.6
5 31	17 54.32	−28 18.8	1.565	2.543	7.7	21.3
6 10	17 43.92	−28 13.9	1.538	2.546	3.4	21.1
6 20	17 32.79	−28 0.4	1.536	2.548	2.7	21.0
6 30	17 22.27	−27 39.4	1.561	2.550	6.8	21.3
7 10	17 13.59	−27 13.7	1.611	2.551	11.0	21.6
7 20	17 7.53	−26 47.1	1.684	2.552	14.6	21.8

284345 2006 RY_{67} 6 15.8 293°.68 0°.4/15.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	18 2.73	−24 41.1	2.003	2.851	13.2	20.8
5 21	17 58.06	−24 41.0	1.918	2.843	10.1	20.5
5 31	17 51.18	−24 38.9	1.855	2.835	6.4	20.3
6 10	17 42.75	−24 33.9	1.817	2.827	2.5	20.0
6 20	17 33.64	−24 25.7	1.806	2.820	1.8	20.0
6 30	17 24.91	−24 14.6	1.822	2.812	5.9	20.2
7 10	17 17.52	−24 2.3	1.864	2.805	9.7	20.4
7 20	17 12.19	−23 50.7	1.929	2.797	13.0	20.6

128028 2003 KM_5 6 15.8 6°.09 3°.2/15.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	18 4.84	−27 4.1	1.811	2.660	14.3	18.8
5 21	18 0.09	−28 24.9	1.736	2.660	11.1	18.6
5 31	17 52.71	−29 46.5	1.685	2.661	7.4	18.4
6 10	17 43.40	−31 3.8	1.658	2.663	4.0	18.2
6 20	17 33.16	−32 11.9	1.659	2.665	3.8	18.2
6 30	17 23.24	−33 7.6	1.686	2.668	7.1	18.4
7 10	17 14.85	−33 50.4	1.739	2.672	10.7	18.6
7 20	17 8.88	−34 22.0	1.814	2.676	14.0	18.8

212839 2007 UR_{85} 6 15.8 180°.18 0°.7/15.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	18 3.00	−21 40.5	2.135	2.978	12.7	20.9
5 21	17 58.02	−21 34.2	2.055	2.979	9.6	20.7
5 31	17 51.02	−21 27.9	1.999	2.979	6.1	20.5
6 10	17 42.66	−21 21.3	1.969	2.979	2.4	20.2
6 20	17 33.76	−21 14.4	1.966	2.979	1.8	20.2
6 30	17 25.25	−21 7.9	1.990	2.979	5.6	20.4
7 10	17 18.02	−21 2.6	2.041	2.978	9.2	20.6
7 20	17 12.67	−20 59.6	2.115	2.978	12.3	20.8

263172 2007 WN_{52} 6 15.8 153°.09 1°.7/16.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	18 9.73	−29 1.0	1.899	2.735	14.3	21.7
5 21	18 3.34	−28 50.8	1.826	2.743	11.0	21.5
5 31	17 54.45	−28 34.0	1.775	2.750	7.1	21.3
6 10	17 43.93	−28 9.1	1.749	2.757	3.1	21.0
6 20	17 32.87	−27 36.0	1.751	2.763	2.4	21.0
6 30	17 22.47	−26 56.8	1.781	2.769	6.2	21.2
7 10	17 13.79	−26 14.9	1.837	2.773	10.1	21.5
7 20	17 7.52	−25 33.8	1.916	2.778	13.4	21.7

387103 2012 TS_{138} 6 15.8 297°.30 2°.3/15.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	18 2.74	−18 43.4	1.850	2.700	14.0	21.1
5 21	17 58.08	−18 17.6	1.771	2.696	10.8	20.9
5 31	17 51.19	−17 53.3	1.714	2.693	7.0	20.6
6 10	17 42.76	−17 31.4	1.682	2.690	3.3	20.4
6 20	17 33.70	−17 12.9	1.676	2.686	3.0	20.4
6 30	17 25.08	−16 59.2	1.697	2.683	6.7	20.6
7 10	17 17.86	−16 51.3	1.743	2.680	10.5	20.8
7 20	17 12.75	−16 49.9	1.811	2.677	13.9	21.0

416380 2003 UA_2 6 15.8 171°.71 2°.4/15.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 9.11	−29 0.0	1.752	2.594	15.0	22.0
5 21	18 3.24	−29 18.0	1.676	2.596	11.6	21.8
5 31	17 54.61	−29 31.1	1.622	2.598	7.7	21.6
6 10	17 44.07	−29 36.1	1.593	2.600	3.7	21.3
6 20	17 32.75	−29 31.4	1.591	2.601	3.1	21.3
6 30	17 22.02	−29 17.4	1.615	2.602	6.9	21.5
7 10	17 13.07	−28 56.8	1.665	2.602	10.8	21.8
7 20	17 6.73	−28 33.3	1.737	2.602	14.4	22.0

311004 2003 YB_2 6 15.8 54°.52 6°.2/18.2 17

5 11	18 18.46	−42 8.8	1.298	2.125	20.1	18.9
5 21	18 10.60	−41 21.7	1.249	2.151	16.1	18.7
5 31	17 59.05	−40 10.0	1.219	2.176	11.7	18.5
6 10	17 45.51	−38 30.9	1.211	2.202	7.7	18.4
6 20	17 31.96	−36 27.9	1.228	2.228	6.3	18.4
6 30	17 20.29	−34 10.2	1.272	2.254	8.9	18.6
7 10	17 11.74	−31 50.4	1.341	2.281	12.7	18.9
7 20	17 6.82	−29 38.9	1.431	2.307	16.3	19.2

397451 2007 EA_{189} 6 15.8 278°.50 5°.5/14.9 18

5 11	17 59.24	− 7 15.4	2.413	3.235	12.1	21.0
5 21	17 54.92	− 6 35.1	2.329	3.227	9.8	20.8
5 31	17 48.97	− 6 2.6	2.268	3.219	7.5	20.7
6 10	17 41.90	− 5 40.4	2.233	3.211	5.8	20.5
6 20	17 34.36	− 5 30.1	2.223	3.203	5.8	20.5
6 30	17 27.09	− 5 32.6	2.241	3.195	7.5	20.6
7 10	17 20.78	− 5 47.6	2.283	3.187	9.9	20.8
7 20	17 15.96	− 6 13.6	2.348	3.179	12.3	20.9

488478 1999 TP_{34} 6 15.8 298°.58 8°.3/15.1 18

5 11	18 9.42	−39 53.5	1.756	2.580	15.8	20.8
5 21	18 4.63	−41 13.2	1.652	2.548	13.2	20.6
5 31	17 56.29	−42 25.5	1.569	2.515	10.5	20.4
6 10	17 45.00	−43 22.5	1.509	2.483	8.6	20.2
6 20	17 31.94	−43 56.9	1.474	2.450	8.6	20.1
6 30	17 18.83	−44 4.9	1.463	2.417	10.7	20.1
7 10	17 7.52	−43 48.4	1.475	2.384	13.9	20.2
7 20	16 59.41	−43 13.1	1.507	2.351	17.3	20.4

123378 2000 WU_{51} 6 15.8 49°.35 0°.6/15.8 17

5 11	18 4.57	−24 26.4	1.665	2.519	15.1	20.5
5 21	17 59.76	−24 37.2	1.597	2.525	11.5	20.2
5 31	17 52.37	−24 46.7	1.549	2.531	7.3	20.0
6 10	17 43.23	−24 53.3	1.527	2.537	2.8	19.7
6 20	17 33.43	−24 55.9	1.530	2.544	2.1	19.7
6 30	17 24.20	−24 54.8	1.559	2.550	6.5	20.0
7 10	17 16.66	−24 51.4	1.613	2.557	10.7	20.3
7 20	17 11.56	−24 47.6	1.689	2.564	14.3	20.5

253551 2003 SH_{249} 6 15.8 223°.27 0°.4/15.8 17

5 11	18 8.38	−24 5.1	2.002	2.840	13.6	22.2
5 21	18 2.46	−24 13.5	1.909	2.828	10.4	21.9
5 31	17 54.08	−24 20.7	1.838	2.816	6.7	21.7
6 10	17 43.91	−24 25.2	1.793	2.803	2.6	21.4
6 20	17 32.89	−24 26.0	1.776	2.790	1.9	21.3
6 30	17 22.18	−24 23.0	1.787	2.775	6.2	21.6
7 10	17 12.88	−24 17.6	1.824	2.760	10.2	21.8
7 20	17 5.79	−24 11.8	1.885	2.744	13.7	22.0

41217 1999 XT_6 6 15.8 288°.10 3°.2/15.7 18

5 11	18 5.52	−29 9.4	1.828	2.673	14.4	18.6
5 21	18 0.75	−29 54.5	1.736	2.657	11.2	18.3
5 31	17 53.24	−30 37.5	1.666	2.641	7.6	18.1
6 10	17 43.67	−31 14.3	1.621	2.625	4.1	17.8
6 20	17 33.03	−31 41.5	1.602	2.609	3.7	17.8
6 30	17 22.64	−31 57.5	1.609	2.593	7.2	17.9
7 10	17 13.75	−32 3.3	1.641	2.577	11.1	18.1
7 20	17 7.34	−32 1.6	1.695	2.561	14.7	18.3

243690 1999 XA_{219} 6 15.8 129°.07 1°.1/15.9 18

5 11	18 6.17	−27 29.5	2.384	3.215	11.9	21.6
5 21	18 0.14	−27 25.1	2.314	3.229	9.1	21.5
5 31	17 52.21	−27 16.6	2.267	3.243	5.8	21.3
6 10	17 43.08	−27 2.9	2.248	3.257	2.4	21.1
6 20	17 33.58	−26 44.0	2.257	3.270	1.8	21.1
6 30	17 24.59	−26 21.0	2.295	3.282	5.1	21.3
7 10	17 16.91	−25 55.8	2.360	3.294	8.3	21.5
7 20	17 11.09	−25 30.6	2.450	3.306	11.0	21.7

35685 1999 BT_{11} 6 15.8 314°.19 1°.0/15.7 18

5 11	18 4.89	−21 29.5	1.306	2.174	17.6	19.3
5 21	18 0.72	−21 25.0	1.231	2.167	13.5	19.0
5 31	17 53.38	−21 21.5	1.177	2.161	8.7	18.7
6 10	17 43.72	−21 18.5	1.145	2.156	3.4	18.4
6 20	17 33.05	−21 15.5	1.137	2.150	2.6	18.3
6 30	17 22.93	−21 13.2	1.153	2.145	8.0	18.6
7 10	17 14.82	−21 13.0	1.191	2.140	13.1	18.9
7 20	17 9.69	−21 16.3	1.249	2.136	17.5	19.1

201672 2003 UK_{73} 6 15.8 177°.55 0°.3/15.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 4.16	−23 58.7	2.029	2.873	13.2	21.4
5 21	17 59.06	−24 3.3	1.950	2.874	10.0	21.2
5 31	17 51.78	−24 6.6	1.894	2.874	6.4	21.0
6 10	17 43.00	−24 7.7	1.864	2.874	2.4	20.7
6 20	17 33.61	−24 5.9	1.861	2.875	1.7	20.7
6 30	17 24.65	−24 1.6	1.885	2.874	5.8	20.9
7 10	17 17.07	−23 56.0	1.935	2.874	9.5	21.2
7 20	17 11.53	−23 50.7	2.009	2.874	12.7	21.4

477703 2010 RB_{141} 6 15.8 236°.22 3°.2/16.1 18

5 11	18 4.40	−33 58.6	2.848	3.665	10.5	22.2
5 21	17 58.90	−34 19.3	2.750	3.653	8.3	22.0
5 31	17 51.55	−34 33.9	2.677	3.639	5.9	21.8
6 10	17 42.91	−34 40.4	2.630	3.626	3.7	21.6
6 20	17 33.68	−34 37.2	2.612	3.612	3.4	21.6
6 30	17 24.71	−34 24.4	2.622	3.598	5.4	21.7
7 10	17 16.79	−34 3.6	2.660	3.583	7.9	21.9
7 20	17 10.54	−33 37.3	2.722	3.568	10.4	22.0

411637 2011 UO_{246} 6 15.8 176°.35 3°.1/15.8 17

5 11	18 10.52	−28 23.0	1.593	2.439	16.1	21.8
5 21	18 4.70	−29 11.0	1.519	2.441	12.5	21.6
5 31	17 55.79	−29 56.5	1.466	2.442	8.3	21.3
6 10	17 44.61	−30 34.6	1.437	2.443	4.3	21.1
6 20	17 32.43	−31 1.5	1.434	2.443	3.8	21.1
6 30	17 20.78	−31 15.8	1.458	2.443	7.6	21.3
7 10	17 11.08	−31 19.3	1.506	2.442	11.9	21.5
7 20	17 4.27	−31 15.5	1.575	2.441	15.6	21.8

356369 2010 MU_{89} 6 15.8 301°.27 12°.9/13.9 18

5 11	18 17.41	−57 7.5	2.178	2.910	15.9	20.3
5 21	18 11.54	−58 48.8	2.085	2.881	14.7	20.1
5 31	18 1.17	−60 13.7	2.012	2.853	13.6	20.0
6 10	17 46.98	−61 12.7	1.959	2.824	13.0	19.9
6 20	17 30.55	−61 37.9	1.927	2.795	13.1	19.8
6 30	17 14.30	−61 26.2	1.916	2.766	13.9	19.8
7 10	17 0.67	−60 40.8	1.925	2.738	15.3	19.9
7 20	16 51.32	−59 29.5	1.952	2.709	16.9	19.9

205045 1998 TD_{21} 6 15.8 266°.36 5°.8/15.8 16

5 11	18 7.57	−36 45.2	1.982	2.808	14.1	20.1
5 21	18 2.22	−37 42.9	1.902	2.804	11.4	19.9
5 31	17 54.10	−38 32.7	1.843	2.799	8.5	19.7
6 10	17 43.97	−39 9.2	1.809	2.795	6.2	19.6
6 20	17 32.91	−39 28.8	1.802	2.790	6.0	19.6
6 30	17 22.25	−39 30.3	1.820	2.786	8.1	19.7
7 10	17 13.24	−39 16.2	1.863	2.781	11.0	19.9
7 20	17 6.79	−38 50.9	1.928	2.777	13.9	20.0

518401 2017 XK_{26} 6 15.8 114°.30 2°.8/15.8 17

5 11	18 6.11	−29 51.0	2.300	3.131	12.3	21.4
5 21	18 0.40	−30 35.9	2.228	3.141	9.5	21.3
5 31	17 52.58	−31 17.1	2.181	3.152	6.4	21.1
6 10	17 43.30	−31 51.5	2.160	3.162	3.5	20.9
6 20	17 33.44	−32 16.9	2.167	3.172	3.2	20.9
6 30	17 23.99	−32 32.5	2.202	3.182	5.8	21.1
7 10	17 15.87	−32 39.4	2.263	3.192	8.8	21.3
7 20	17 9.74	−32 39.9	2.348	3.201	11.6	21.5

317904 2003 UO_{240} 6 15.8 154°.16 5°.1/16.0 17

5 11	18 11.39	−34 33.4	1.784	2.614	15.3	21.2
5 21	18 5.17	−35 21.6	1.712	2.620	12.1	21.0
5 31	17 55.96	−36 1.7	1.662	2.626	8.7	20.8
6 10	17 44.65	−36 28.5	1.637	2.631	5.8	20.6
6 20	17 32.47	−36 38.4	1.638	2.635	5.4	20.6
6 30	17 20.91	−36 31.2	1.665	2.639	8.0	20.8
7 10	17 11.30	−36 10.0	1.717	2.643	11.3	21.0
7 20	17 4.50	−35 40.0	1.791	2.646	14.5	21.2

60524 2000 EA_{40} 6 15.8 180°.27 0°.1/15.8 18

5 11	18 3.93	−23 24.0	2.208	3.048	12.4	19.5
5 21	17 58.72	−23 29.5	2.128	3.049	9.4	19.3
5 31	17 51.50	−23 34.3	2.070	3.049	6.0	19.1
6 10	17 42.90	−23 37.4	2.039	3.049	2.3	18.8
6 20	17 33.75	−23 38.3	2.036	3.049	1.6	18.8
6 30	17 24.97	−23 37.1	2.060	3.049	5.4	19.0
7 10	17 17.44	−23 34.9	2.111	3.048	8.9	19.2
7 20	17 11.79	−23 32.9	2.186	3.047	12.0	19.4

327784 2006 UW_{183} 6 15.8 287°.69 7°.7/16.2 18

5 11	18 9.98	−39 13.9	1.553	2.386	17.1	20.8
5 21	18 5.15	−40 3.3	1.459	2.362	14.1	20.6
5 31	17 56.59	−40 41.2	1.384	2.338	10.9	20.3
6 10	17 45.10	−41 0.2	1.331	2.314	8.3	20.1
6 20	17 32.05	−40 54.3	1.302	2.290	7.9	20.0
6 30	17 19.34	−40 22.2	1.297	2.265	10.4	20.1
7 10	17 8.82	−39 28.3	1.315	2.241	14.0	20.2
7 20	17 1.76	−38 20.5	1.352	2.216	17.8	20.4

446038 2013 CZ_{100} 6 15.8 93°.54 4°.4/15.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 0.47	− 9 58.3	2.329	3.157	12.2	21.8
5 21	17 55.86	− 9 41.3	2.254	3.161	9.7	21.6
5 31	17 49.57	− 9 32.0	2.203	3.165	7.0	21.4
6 10	17 42.15	− 9 31.6	2.177	3.169	4.8	21.3
6 20	17 34.31	− 9 40.7	2.179	3.172	4.6	21.3
6 30	17 26.80	− 9 59.4	2.207	3.176	6.7	21.4
7 10	17 20.34	−10 26.8	2.262	3.180	9.3	21.6
7 20	17 15.46	−11 1.4	2.339	3.184	11.9	21.8

492304 2014 AU_{39} 6 15.8 210°.71 12°.2/18.4 18

5 11	18 12.25	+ 5 0.9	1.265	2.065	22.0	21.2
5 21	18 6.30	+ 4 58.3	1.192	2.062	19.0	21.0
5 31	17 56.98	+ 4 23.3	1.135	2.059	15.8	20.8
6 10	17 45.14	+ 3 10.0	1.099	2.054	13.1	20.6
6 20	17 32.09	+ 1 17.7	1.085	2.050	12.3	20.6
6 30	17 19.50	− 1 8.3	1.095	2.045	13.9	20.6
7 10	17 8.92	− 3 57.2	1.128	2.039	17.1	20.8
7 20	17 1.46	− 6 56.8	1.183	2.033	20.6	21.0

438662 2008 EV_{24} 6 15.8 77°.48 2°.1/15.8 18

5 11	18 1.93	−16 7.5	2.220	3.059	12.4	21.2
5 21	17 57.07	−16 13.9	2.149	3.068	9.5	21.0
5 31	17 50.38	−16 24.9	2.101	3.077	6.2	20.8
6 10	17 42.47	−16 40.4	2.079	3.086	3.0	20.6
6 20	17 34.10	−16 59.8	2.085	3.094	2.6	20.6
6 30	17 26.12	−17 22.8	2.118	3.103	5.6	20.8
7 10	17 19.29	−17 48.8	2.178	3.112	8.9	21.1
7 20	17 14.21	−18 17.2	2.262	3.121	11.7	21.3

379614 2011 CS_{86} 6 15.8 357°.53 1°.5/16.0 17

5 11	18 3.78	−27 37.2	1.421	2.285	16.7	20.0
5 21	17 59.68	−27 30.6	1.350	2.283	12.8	19.8
5 31	17 52.58	−27 18.1	1.299	2.282	8.3	19.5
6 10	17 43.41	−26 58.2	1.271	2.281	3.5	19.2
6 20	17 33.43	−26 30.6	1.267	2.281	2.6	19.2
6 30	17 24.12	−25 57.4	1.288	2.281	7.4	19.5
7 10	17 16.77	−25 22.2	1.332	2.282	12.0	19.7
7 20	17 12.24	−24 48.7	1.397	2.283	16.0	20.0

11502 1989 WU_{2} 6 15.8 237°.81 0°.0/15.8 18

5 11	18 2.27	−23 9.6	2.677	3.511	10.7	18.8
5 21	17 57.23	−23 15.0	2.581	3.500	8.1	18.6
5 31	17 50.48	−23 19.8	2.510	3.488	5.2	18.4
6 10	17 42.54	−23 23.4	2.465	3.476	1.9	18.2
6 20	17 34.05	−23 25.3	2.449	3.463	1.4	18.1
6 30	17 25.78	−23 25.6	2.462	3.450	4.7	18.4
7 10	17 18.48	−23 25.0	2.503	3.437	7.8	18.5
7 20	17 12.72	−23 24.4	2.567	3.423	10.6	18.7

441819 2009 NW_{1} 6 15.8 328°.36 7°.0/13.4 17

5 11	18 7.85	−31 27.3	1.632	2.478	15.8	19.8
5 21	18 3.69	−33 45.5	1.524	2.441	12.8	19.5
5 31	17 55.99	−36 11.3	1.439	2.405	9.5	19.2
6 10	17 45.09	−38 35.6	1.380	2.370	7.2	19.0
6 20	17 31.91	−40 47.3	1.347	2.335	7.7	18.9
6 30	17 18.07	−42 36.8	1.341	2.301	10.9	19.0
7 10	17 5.53	−44 0.2	1.359	2.269	14.8	19.2
7 20	16 56.03	−44 59.3	1.396	2.237	18.6	19.3

508825 2001 SK_{169} 6 15.8 186°.05 5°.3/14.8 18

5 11	17 59.84	+ 0 40.1	3.955	4.722	8.7	24.4
5 21	17 54.71	+ 1 14.6	3.873	4.721	7.4	24.2
5 31	17 48.55	+ 1 41.1	3.815	4.720	6.2	24.2
6 10	17 41.74	+ 1 57.7	3.784	4.718	5.4	24.1
6 20	17 34.66	+ 2 3.6	3.780	4.715	5.4	24.1
6 30	17 27.76	+ 1 58.3	3.805	4.711	6.2	24.1
7 10	17 21.47	+ 1 42.3	3.856	4.707	7.5	24.2
7 20	17 16.11	+ 1 16.9	3.932	4.702	8.8	24.3

274225 2008 KR_{20} 6 15.8 202°.61 6°.2/13.7 17

5 11	18 0.67	− 3 44.2	2.919	3.716	10.8	21.8
5 21	17 55.68	− 2 31.3	2.838	3.712	9.0	21.6
5 31	17 49.32	− 1 25.6	2.781	3.708	7.3	21.5
6 10	17 42.06	− 0 30.0	2.751	3.704	6.3	21.4
6 20	17 34.44	+ 0 12.8	2.749	3.699	6.5	21.4
6 30	17 27.07	+ 0 41.4	2.773	3.694	7.7	21.5
7 10	17 20.52	+ 0 55.3	2.824	3.689	9.5	21.6
7 20	17 15.25	+ 0 55.7	2.897	3.683	11.3	21.7

393921 2005 US_{71} 6 15.8 232°.70 4°.7/14.4 17

5 11	18 1.21	−10 1.4	2.718	3.537	10.9	21.6
5 21	17 56.24	− 9 1.2	2.627	3.527	8.8	21.4
5 31	17 49.75	− 8 5.1	2.561	3.516	6.5	21.3
6 10	17 42.24	− 7 15.6	2.522	3.505	4.9	21.1
6 20	17 34.30	− 6 34.9	2.511	3.494	5.0	21.1
6 30	17 26.61	− 6 5.0	2.529	3.482	6.8	21.2
7 10	17 19.82	− 5 46.6	2.572	3.470	9.2	21.4
7 20	17 14.41	− 5 39.3	2.639	3.458	11.4	21.5

141090 2001 XJ_{42} 6 15.8 99°.25 3°.2/15.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 6.95	−31 47.2	2.515	3.337	11.6	19.6
5 21	18 0.85	−32 36.7	2.451	3.357	9.0	19.5
5 31	17 52.78	−33 21.4	2.412	3.377	6.2	19.3
6 10	17 43.38	−33 58.0	2.399	3.397	3.8	19.2
6 20	17 33.49	−34 24.3	2.415	3.416	3.5	19.2
6 30	17 24.04	−34 39.8	2.460	3.435	5.7	19.4
7 10	17 15.87	−34 45.8	2.531	3.453	8.3	19.6
7 20	17 9.59	−34 44.5	2.627	3.472	10.7	19.8

483154 2015 PJ_{3} 6 15.8 306°.23 7°.4/15.7 18

5 11	18 0.19	− 2 22.9	2.109	2.921	13.9	20.7
5 21	17 56.03	− 2 2.6	2.014	2.900	11.6	20.5
5 31	17 49.91	− 1 56.0	1.941	2.879	9.4	20.4
6 10	17 42.38	− 2 5.9	1.892	2.858	7.7	20.2
6 20	17 34.16	− 2 34.1	1.867	2.837	7.5	20.2
6 30	17 26.10	− 3 20.3	1.868	2.817	9.2	20.2
7 10	17 19.07	− 4 22.6	1.894	2.797	11.7	20.3
7 20	17 13.75	− 5 37.4	1.942	2.777	14.3	20.5

216108 2006 RL_{69} 6 15.8 344°.29 0°.9/15.9 17

5 11	17 58.40	−25 4.9	1.038	1.930	19.3	20.5
5 21	17 56.56	−25 9.3	0.968	1.916	14.9	20.2
5 31	17 51.14	−25 11.1	0.915	1.904	9.6	19.8
6 10	17 43.04	−25 8.6	0.882	1.894	3.8	19.5
6 20	17 33.68	−25 0.8	0.871	1.885	2.8	19.4
6 30	17 24.91	−24 48.4	0.881	1.878	8.8	19.7
7 10	17 18.46	−24 34.3	0.910	1.872	14.5	20.0
7 20	17 15.42	−24 21.6	0.957	1.868	19.4	20.2

481304 2005 YA_{223} 6 15.8 247°.14 1°.8/15.8 18

5 11	18 3.64	−27 35.1	2.603	3.434	11.0	22.0
5 21	17 58.45	−28 8.1	2.507	3.422	8.5	21.9
5 31	17 51.36	−28 39.5	2.436	3.410	5.6	21.6
6 10	17 42.90	−29 6.9	2.392	3.398	2.7	21.4
6 20	17 33.80	−29 28.7	2.376	3.386	2.3	21.4
6 30	17 24.88	−29 44.2	2.389	3.373	5.1	21.6
7 10	17 16.99	−29 53.7	2.429	3.360	8.2	21.7
7 20	17 10.77	−29 58.7	2.494	3.347	10.9	21.9

338096 2002 PC_{187} 6 15.8 274°.59 0°.3/15.8 17

5 11	18 3.88	−23 1.9	1.975	2.821	13.4	21.1
5 21	17 59.08	−23 20.7	1.885	2.810	10.3	20.9
5 31	17 51.97	−23 40.3	1.818	2.798	6.6	20.6
6 10	17 43.18	−23 59.1	1.777	2.787	2.5	20.3
6 20	17 33.59	−24 15.7	1.762	2.776	1.8	20.3
6 30	17 24.29	−24 29.4	1.775	2.764	6.0	20.5
7 10	17 16.30	−24 40.7	1.813	2.753	9.9	20.7
7 20	17 10.42	−24 50.7	1.874	2.742	13.4	20.9

220256 2002 XK_{118} 6 15.8 288°.87 2°.0/15.7 18

5 11	18 4.59	−19 8.0	1.575	2.431	15.7	20.9
5 21	18 0.27	−18 58.6	1.477	2.406	12.2	20.6
5 31	17 53.10	−18 51.7	1.399	2.380	8.0	20.3
6 10	17 43.72	−18 47.6	1.345	2.354	3.5	19.9
6 20	17 33.15	−18 46.4	1.316	2.328	3.0	19.8
6 30	17 22.74	−18 48.6	1.312	2.301	7.7	20.1
7 10	17 13.85	−18 55.0	1.333	2.275	12.6	20.3
7 20	17 7.52	−19 6.6	1.374	2.249	16.9	20.4

91869 1999 UU_{38} 6 15.8 148°.23 5°.6/16.3 18

5 11	18 6.86	−40 46.5	2.581	3.383	11.9	19.0
5 21	18 1.06	−41 30.2	2.505	3.387	9.8	18.9
5 31	17 53.06	−42 4.1	2.452	3.391	7.6	18.7
6 10	17 43.53	−42 24.4	2.424	3.394	6.0	18.6
6 20	17 33.38	−42 28.8	2.423	3.397	5.8	18.6
6 30	17 23.66	−42 17.3	2.448	3.400	7.1	18.7
7 10	17 15.33	−41 52.3	2.500	3.403	9.2	18.9
7 20	17 9.06	−41 17.4	2.574	3.406	11.3	19.0

401107 2011 UY_{242} 6 15.8 117°.24 2°.0/15.4 16

5 11	18 1.78	−18 47.9	2.474	3.311	11.3	21.9
5 21	17 56.74	−18 14.0	2.400	3.319	8.6	21.7
5 31	17 50.07	−17 40.8	2.350	3.326	5.6	21.5
6 10	17 42.35	−17 9.3	2.327	3.334	2.7	21.3
6 20	17 34.27	−16 40.7	2.332	3.341	2.5	21.3
6 30	17 26.60	−16 16.2	2.366	3.348	5.3	21.5
7 10	17 20.01	−15 56.9	2.426	3.355	8.3	21.7
7 20	17 15.01	−15 43.6	2.511	3.362	11.0	21.9

70469 1999 TN_{32} 6 15.8 260°.82 3°.5/15.9 18

5 11	18 8.91	−30 35.4	1.738	2.579	15.2	19.5
5 21	18 3.56	−31 7.0	1.642	2.560	11.9	19.2
5 31	17 55.19	−31 33.9	1.567	2.541	8.2	19.0
6 10	17 44.50	−31 51.9	1.517	2.521	4.5	18.7
6 20	17 32.62	−31 57.8	1.493	2.500	4.0	18.6
6 30	17 20.99	−31 50.7	1.495	2.479	7.6	18.8
7 10	17 11.06	−31 32.9	1.522	2.458	11.8	19.0
7 20	17 3.85	−31 8.5	1.571	2.436	15.7	19.2

126880 2002 EX_{94} 6 15.8 255°.94 0°.2/15.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 4.48	−22 18.1	1.829	2.678	14.2	20.4
5 21	17 59.61	−22 25.3	1.747	2.674	10.8	20.1
5 31	17 52.31	−22 33.0	1.688	2.669	6.9	19.9
6 10	17 43.31	−22 40.2	1.653	2.664	2.6	19.6
6 20	17 33.55	−22 46.0	1.645	2.659	1.9	19.5
6 30	17 24.19	−22 50.3	1.664	2.654	6.3	19.8
7 10	17 16.30	−22 54.1	1.708	2.649	10.4	20.0
7 20	17 10.65	−22 58.4	1.774	2.644	13.9	20.3

204422 2004 VC_{69} 6 15.8 223°.44 0°.4/15.8 18

5 11	18 5.28	−23 45.8	2.100	2.941	12.9	21.0
5 21	17 59.97	−24 0.4	2.013	2.934	9.9	20.8
5 31	17 52.45	−24 14.7	1.948	2.927	6.3	20.6
6 10	17 43.35	−24 27.1	1.909	2.920	2.4	20.3
6 20	17 33.53	−24 36.5	1.898	2.912	1.8	20.2
6 30	17 24.04	−24 42.6	1.915	2.904	5.8	20.5
7 10	17 15.84	−24 46.3	1.958	2.895	9.5	20.7
7 20	17 9.67	−24 48.9	2.024	2.887	12.8	20.9

149455 2003 DX_{11} 6 15.8 25°.34 3°.1/16.1 17

5 11	18 4.85	−29 56.6	1.379	2.242	17.2	19.4
5 21	18 0.58	−30 14.6	1.317	2.248	13.3	19.1
5 31	17 53.19	−30 25.8	1.275	2.255	8.8	18.9
6 10	17 43.67	−30 26.9	1.255	2.262	4.5	18.7
6 20	17 33.37	−30 16.3	1.260	2.270	3.7	18.6
6 30	17 23.85	−29 55.0	1.289	2.279	7.7	18.9
7 10	17 16.46	−29 26.8	1.341	2.288	12.1	19.2
7 20	17 12.02	−28 56.0	1.413	2.298	15.9	19.4

99115 2001 FF_{65} 6 15.8 325°.13 2°.6/15.7 18

5 11	18 2.86	−16 14.7	1.868	2.715	14.0	19.6
5 21	17 58.20	−16 9.7	1.791	2.714	10.8	19.4
5 31	17 51.32	−16 9.5	1.736	2.712	7.2	19.2
6 10	17 42.92	−16 14.7	1.705	2.711	3.6	19.0
6 20	17 33.88	−16 25.1	1.701	2.710	3.2	18.9
6 30	17 25.23	−16 40.7	1.724	2.710	6.6	19.1
7 10	17 17.95	−17 1.2	1.772	2.709	10.4	19.4
7 20	17 12.72	−17 26.0	1.842	2.708	13.7	19.6

40837 1999 TX_{95} 6 15.8 333°.44 0°.3/15.8 17

5 11	18 3.45	−22 5.3	1.689	2.545	14.9	19.0
5 21	17 58.99	−22 14.6	1.611	2.541	11.4	18.8
5 31	17 52.01	−22 24.8	1.555	2.537	7.3	18.5
6 10	17 43.23	−22 34.9	1.523	2.534	2.7	18.2
6 20	17 33.67	−22 43.9	1.517	2.531	2.0	18.2
6 30	17 24.55	−22 51.6	1.537	2.528	6.6	18.4
7 10	17 16.99	−22 58.8	1.581	2.525	10.8	18.7
7 20	17 11.79	−23 6.5	1.648	2.523	14.5	18.9

489322 2006 TE_{12} 6 15.8 291°.84 0°.5/15.9 17

5 11	18 5.32	−24 38.5	1.490	2.350	16.3	21.4
5 21	18 1.09	−24 38.5	1.394	2.326	12.6	21.1
5 31	17 53.75	−24 36.5	1.319	2.302	8.2	20.8
6 10	17 44.02	−24 30.7	1.267	2.278	3.2	20.4
6 20	17 33.02	−24 20.1	1.239	2.253	2.3	20.3
6 30	17 22.26	−24 5.3	1.237	2.229	7.7	20.6
7 10	17 13.23	−23 48.6	1.258	2.205	12.8	20.8
7 20	17 7.01	−23 33.0	1.300	2.181	17.3	21.0

435204 2007 RG_{181} 6 15.8 310°.02 2°.2/15.9 16

5 11	18 3.98	−28 4.1	1.787	2.637	14.4	21.2
5 21	17 59.46	−28 23.7	1.703	2.628	11.1	20.9
5 31	17 52.35	−28 39.7	1.640	2.619	7.3	20.7
6 10	17 43.38	−28 49.6	1.603	2.610	3.4	20.4
6 20	17 33.57	−28 51.7	1.591	2.602	2.8	20.4
6 30	17 24.15	−28 45.8	1.605	2.594	6.7	20.6
7 10	17 16.29	−28 33.9	1.644	2.586	10.7	20.8
7 20	17 10.82	−28 18.8	1.705	2.578	14.2	21.0

176746 2002 RZ_{95} 6 15.8 312°.81 5°.7/16.2 18

5 11	18 6.46	−34 27.7	1.409	2.262	17.4	19.8
5 21	18 2.31	−35 8.5	1.329	2.250	13.9	19.6
5 31	17 54.66	−35 40.2	1.268	2.238	10.0	19.3
6 10	17 44.37	−35 57.1	1.230	2.227	6.6	19.1
6 20	17 32.83	−35 54.9	1.214	2.216	6.1	19.0
6 30	17 21.81	−35 33.2	1.223	2.205	9.2	19.2
7 10	17 12.99	−34 56.0	1.254	2.195	13.4	19.4
7 20	17 7.45	−34 9.9	1.305	2.185	17.4	19.6

148499 2001 MD_{15} 6 15.8 309°.95 4°.6/16.3 18

5 11	18 4.97	−32 59.5	1.407	2.265	17.2	19.4
5 21	18 1.26	−33 18.2	1.313	2.239	13.7	19.1
5 31	17 54.09	−33 27.6	1.239	2.214	9.6	18.8
6 10	17 44.21	−33 23.1	1.186	2.188	5.7	18.5
6 20	17 32.92	−33 1.3	1.157	2.164	5.0	18.4
6 30	17 21.95	−32 22.5	1.152	2.139	8.8	18.6
7 10	17 13.02	−31 31.2	1.169	2.115	13.6	18.7
7 20	17 7.32	−30 34.0	1.206	2.092	18.0	18.9

169074 2001 GK_{7} 6 15.8 345°.56 3°.3/15.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 3.37	−25 6.4	1.401	2.268	16.7	18.8
5 21	17 59.81	−26 37.9	1.323	2.257	13.0	18.5
5 31	17 53.06	−28 15.0	1.265	2.247	8.6	18.3
6 10	17 43.80	−29 51.5	1.231	2.238	4.4	18.0
6 20	17 33.21	−31 20.1	1.221	2.230	4.2	18.0
6 30	17 22.85	−32 35.3	1.237	2.224	8.5	18.2
7 10	17 14.32	−33 35.1	1.276	2.219	13.0	18.4
7 20	17 8.79	−34 20.8	1.335	2.214	17.0	18.7

268905 2007 CP 6 15.8 168°.12 6°.6/15.5 17

5 11	18 4.87	− 4 7.3	2.213	3.019	13.5	21.6
5 21	17 59.25	− 3 35.9	2.140	3.024	11.1	21.4
5 31	17 51.77	− 3 15.9	2.088	3.028	8.7	21.3
6 10	17 43.06	− 3 9.8	2.062	3.032	6.9	21.2
6 20	17 33.87	− 3 18.8	2.063	3.035	6.8	21.2
6 30	17 25.05	− 3 43.1	2.090	3.037	8.4	21.3
7 10	17 17.40	− 4 21.0	2.143	3.039	10.8	21.4
7 20	17 11.49	− 5 9.9	2.219	3.039	13.3	21.6

122288 2000 PG_{17} 6 15.8 235°.15 3°.1/15.7 18

5 11	18 4.50	−14 50.9	2.017	2.854	13.5	20.6
5 21	17 59.38	−14 41.3	1.927	2.844	10.5	20.4
5 31	17 52.09	−14 37.0	1.860	2.833	7.1	20.1
6 10	17 43.26	−14 38.7	1.819	2.822	3.9	19.9
6 20	17 33.70	−14 46.7	1.804	2.811	3.6	19.9
6 30	17 24.42	−15 1.1	1.817	2.799	6.7	20.0
7 10	17 16.38	−15 21.6	1.856	2.787	10.3	20.2
7 20	17 10.30	−15 47.7	1.918	2.774	13.6	20.4

250986 2006 KG_{20} 6 15.8 332°.56 0°.4/15.8 18

5 11	18 2.58	−20 32.4	1.128	2.008	18.9	19.4
5 21	17 59.66	−21 24.0	1.052	1.995	14.6	19.1
5 31	17 53.18	−22 24.7	0.995	1.982	9.4	18.8
6 10	17 43.90	−23 30.9	0.958	1.970	3.6	18.4
6 20	17 33.15	−24 37.6	0.945	1.959	2.7	18.3
6 30	17 22.73	−25 40.1	0.954	1.949	8.8	18.6
7 10	17 14.45	−26 35.9	0.985	1.941	14.4	18.9
7 20	17 9.56	−27 24.9	1.034	1.933	19.3	19.2

312715 2010 RU_{20} 6 15.8 279°.93 3°.9/16.3 18

5 11	18 4.63	−34 44.3	2.269	3.097	12.5	20.9
5 21	17 59.52	−35 2.6	2.182	3.089	9.9	20.7
5 31	17 52.18	−35 13.1	2.117	3.081	7.1	20.5
6 10	17 43.28	−35 12.9	2.077	3.073	4.5	20.3
6 20	17 33.72	−35 0.5	2.065	3.065	4.1	20.3
6 30	17 24.55	−34 36.4	2.080	3.057	6.3	20.4
7 10	17 16.76	−34 3.0	2.120	3.049	9.3	20.6
7 20	17 11.04	−33 24.0	2.184	3.042	12.1	20.7

292367 2006 SH_{248} 6 15.8 212°.75 0°.2/15.8 17

5 11	18 7.36	−22 34.0	1.954	2.794	13.8	22.3
5 21	18 1.70	−22 39.2	1.866	2.788	10.5	22.0
5 31	17 53.63	−22 44.3	1.801	2.781	6.8	21.8
6 10	17 43.85	−22 48.3	1.762	2.773	2.6	21.5
6 20	17 33.30	−22 50.2	1.751	2.765	1.8	21.5
6 30	17 23.10	−22 50.3	1.767	2.756	6.2	21.7
7 10	17 14.32	−22 49.6	1.809	2.746	10.2	21.9
7 20	17 7.75	−22 49.5	1.874	2.736	13.7	22.1

483386 2016 TS_{47} 6 15.8 251°.70 2°.1/15.6 18

5 11	18 0.75	−16 47.6	2.500	3.337	11.3	21.6
5 21	17 56.13	−16 36.6	2.411	3.329	8.7	21.4
5 31	17 49.82	−16 28.4	2.346	3.321	5.7	21.2
6 10	17 42.35	−16 23.6	2.307	3.312	2.9	21.0
6 20	17 34.38	−16 22.5	2.296	3.304	2.6	21.0
6 30	17 26.67	−16 25.4	2.313	3.295	5.4	21.2
7 10	17 19.93	−16 32.6	2.356	3.287	8.4	21.3
7 20	17 14.73	−16 44.0	2.424	3.278	11.2	21.5

376935 2002 CX_{171} 6 15.8 164°.41 5°.4/16.5 17

5 11	18 11.19	−39 13.1	2.332	3.137	13.0	21.5
5 21	18 4.47	−39 47.2	2.255	3.143	10.5	21.3
5 31	17 55.28	−40 10.7	2.201	3.148	7.9	21.2
6 10	17 44.43	−40 19.8	2.173	3.152	5.9	21.0
6 20	17 32.93	−40 12.2	2.172	3.156	5.5	21.0
6 30	17 21.99	−39 48.1	2.198	3.159	7.2	21.1
7 10	17 12.66	−39 11.0	2.251	3.162	9.7	21.3
7 20	17 5.68	−38 25.3	2.326	3.164	12.2	21.5

145441 2005 QY_{157} 6 15.8 227°.57 2°.8/15.8 18

5 11	18 1.65	−13 32.3	2.571	3.399	11.2	20.6
5 21	17 56.76	−13 31.1	2.480	3.391	8.7	20.4
5 31	17 50.20	−13 35.4	2.414	3.383	6.0	20.2
6 10	17 42.50	−13 45.4	2.374	3.375	3.4	20.1
6 20	17 34.29	−14 1.2	2.363	3.367	3.2	20.0
6 30	17 26.30	−14 22.6	2.380	3.358	5.6	20.2
7 10	17 19.24	−14 49.0	2.423	3.349	8.5	20.3
7 20	17 13.68	−15 19.7	2.491	3.340	11.1	20.5

250152 2002 SQ_{13} 6 15.8 210°.75 13°.3/11.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 9.56	− 2 21.9	1.301	2.129	20.0	20.1
5 21	18 4.00	+ 0 15.1	1.236	2.125	17.2	19.9
5 31	17 55.37	+ 2 40.7	1.190	2.120	14.6	19.7
6 10	17 44.56	+ 4 43.4	1.167	2.114	13.4	19.6
6 20	17 32.83	+ 6 13.3	1.166	2.107	14.0	19.7
6 30	17 21.68	+ 7 4.2	1.187	2.100	16.3	19.8
7 10	17 12.49	+ 7 16.6	1.227	2.092	19.2	19.9
7 20	17 6.16	+ 6 55.3	1.283	2.083	22.1	20.1

121217 1999 RV_{10} 6 15.8 235°.31 5°.3/16.8 18

5 11	18 7.68	−41 34.6	2.711	3.507	11.6	20.3
5 21	18 1.63	−41 54.2	2.618	3.497	9.5	20.1
5 31	17 53.42	−42 2.9	2.548	3.486	7.4	20.0
6 10	17 43.73	−41 57.6	2.503	3.475	5.7	19.9
6 20	17 33.44	−41 36.5	2.486	3.463	5.4	19.8
6 30	17 23.55	−41 0.1	2.495	3.452	6.7	19.9
7 10	17 15.02	−40 11.3	2.532	3.440	8.9	20.0
7 20	17 8.50	−39 14.2	2.592	3.427	11.1	20.1

98286 2000 SR_{221} 6 15.8 263°.39 5°.4/15.6 18

5 11	18 5.31	−11 15.2	1.592	2.436	16.2	19.4
5 21	18 0.60	−10 50.4	1.503	2.419	12.9	19.2
5 31	17 53.19	−10 34.5	1.434	2.403	9.3	18.9
6 10	17 43.78	−10 30.1	1.389	2.385	6.1	18.7
6 20	17 33.35	−10 38.7	1.369	2.368	5.9	18.6
6 30	17 23.17	−11 0.7	1.374	2.350	9.0	18.8
7 10	17 14.49	−11 35.3	1.403	2.332	13.1	18.9
7 20	17 8.23	−12 20.4	1.452	2.314	16.9	19.1

479219 2013 CO_{177} 6 15.8 359°.19 5°.9/17.0 18

5 11	18 7.34	−41 30.9	2.299	3.105	13.1	21.3
5 21	18 1.62	−41 50.7	2.220	3.105	10.8	21.2
5 31	17 53.50	−41 58.0	2.163	3.105	8.3	21.0
6 10	17 43.76	−41 49.4	2.130	3.105	6.4	20.9
6 20	17 33.45	−41 23.1	2.124	3.105	6.0	20.9
6 30	17 23.71	−40 40.2	2.144	3.105	7.4	21.0
7 10	17 15.58	−39 44.3	2.190	3.105	9.8	21.1
7 20	17 9.77	−38 40.6	2.259	3.105	12.2	21.3

329288 2000 ES_2 6 15.8 179°.43 3°.4/16.2 17

5 11	18 9.02	−31 47.3	1.834	2.670	14.7	20.9
5 21	18 3.20	−32 6.6	1.757	2.671	11.5	20.7
5 31	17 54.67	−32 18.7	1.701	2.672	7.8	20.4
6 10	17 44.25	−32 20.5	1.670	2.672	4.4	20.2
6 20	17 33.08	−32 9.9	1.666	2.672	3.8	20.2
6 30	17 22.47	−31 47.8	1.688	2.672	6.9	20.4
7 10	17 13.61	−31 17.2	1.736	2.671	10.6	20.6
7 20	17 7.32	−30 42.3	1.806	2.670	14.0	20.8

107830 2001 FY_{69} 6 15.8 45°.65 3°.2/15.8 17

5 11	18 4.57	−16 10.0	1.382	2.243	17.2	19.0
5 21	18 0.08	−16 1.3	1.319	2.250	13.3	18.7
5 31	17 52.78	−15 59.0	1.277	2.257	8.8	18.5
6 10	17 43.55	−16 3.9	1.258	2.264	4.4	18.3
6 20	17 33.60	−16 16.0	1.263	2.272	3.9	18.2
6 30	17 24.30	−16 34.8	1.292	2.280	8.0	18.5
7 10	17 16.88	−16 59.8	1.345	2.289	12.4	18.8
7 20	17 12.12	−17 29.9	1.418	2.297	16.3	19.0

182706 2001 WG_{10} 6 15.8 193°.44 2°.0/15.8 18

5 11	18 2.59	−16 12.9	2.455	3.288	11.5	20.4
5 21	17 57.53	−16 20.8	2.371	3.287	8.9	20.3
5 31	17 50.72	−16 33.0	2.311	3.285	5.8	20.1
6 10	17 42.71	−16 49.2	2.277	3.283	2.8	19.9
6 20	17 34.19	−17 9.1	2.272	3.281	2.5	19.8
6 30	17 25.94	−17 32.2	2.295	3.279	5.3	20.0
7 10	17 18.72	−17 57.9	2.345	3.276	8.4	20.2
7 20	17 13.09	−18 25.9	2.420	3.274	11.2	20.4

125515 2001 WV_{40} 6 15.8 192°.48 2°.9/15.2 18

5 11	18 5.57	−17 41.0	2.118	2.954	13.0	19.5
5 21	17 59.95	−16 53.8	2.036	2.953	10.0	19.3
5 31	17 52.31	−16 7.0	1.977	2.951	6.7	19.1
6 10	17 43.31	−15 22.5	1.944	2.949	3.6	18.9
6 20	17 33.79	−14 42.2	1.940	2.946	3.5	18.9
6 30	17 24.70	−14 8.3	1.963	2.942	6.5	19.1
7 10	17 16.90	−13 42.4	2.013	2.938	9.9	19.3
7 20	17 11.00	−13 25.4	2.086	2.934	13.0	19.5

248051 2004 JZ_{21} 6 15.8 318°.24 1°.4/15.9 18

5 11	18 2.17	−25 59.3	1.866	2.718	13.8	20.6
5 21	17 58.02	−26 19.9	1.776	2.703	10.6	20.4
5 31	17 51.45	−26 39.1	1.709	2.689	6.9	20.1
6 10	17 43.09	−26 54.8	1.665	2.675	2.9	19.8
6 20	17 33.89	−27 5.3	1.649	2.661	2.3	19.8
6 30	17 24.98	−27 10.3	1.658	2.648	6.3	20.0
7 10	17 17.46	−27 10.6	1.692	2.635	10.3	20.2
7 20	17 12.16	−27 8.3	1.749	2.623	13.9	20.4

21828 1999 TN_{92} 6 15.9 200°.10 0°.7/15.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 1.64	−20 58.6	2.654	3.489	10.7	19.4
5 21	17 56.72	−20 57.4	2.568	3.487	8.1	19.2
5 31	17 50.16	−20 56.7	2.506	3.484	5.2	19.0
6 10	17 42.50	−20 56.3	2.472	3.482	2.0	18.8
6 20	17 34.37	−20 56.0	2.466	3.479	1.6	18.8
6 30	17 26.53	−20 56.1	2.488	3.475	4.7	19.0
7 10	17 19.67	−20 57.0	2.538	3.472	7.8	19.2
7 20	17 14.31	−20 59.5	2.612	3.468	10.4	19.3

512072 2015 MN_{134} 6 15.9 325°.89 0°.5/15.8 18

5 11	18 2.41	−22 50.5	2.148	2.993	12.5	21.2
5 21	17 57.79	−23 20.5	2.064	2.988	9.6	21.0
5 31	17 51.09	−23 51.7	2.003	2.983	6.1	20.8
6 10	17 42.91	−24 22.6	1.968	2.978	2.3	20.5
6 20	17 34.06	−24 51.3	1.960	2.974	1.7	20.4
6 30	17 25.50	−25 16.8	1.980	2.970	5.5	20.7
7 10	17 18.13	−25 39.1	2.026	2.966	9.1	20.9
7 20	17 12.66	−25 58.9	2.096	2.962	12.3	21.1

338145 2002 QU_{120} 6 15.9 243°.02 2°.0/15.7 16

5 11	18 3.03	−17 38.3	2.096	2.938	12.9	21.3
5 21	17 58.19	−17 34.0	2.011	2.931	9.9	21.1
5 31	17 51.30	−17 32.9	1.948	2.925	6.5	20.9
6 10	17 42.98	−17 35.2	1.911	2.918	3.0	20.6
6 20	17 34.02	−17 40.9	1.901	2.911	2.6	20.6
6 30	17 25.38	−17 50.2	1.919	2.904	6.0	20.8
7 10	17 17.94	−18 3.0	1.962	2.897	9.6	21.0
7 20	17 12.38	−18 19.4	2.029	2.890	12.8	21.2

497860 2006 UN_{134} 6 15.9 145°.98 1°.3/15.8 17

5 11	18 7.09	−19 53.6	1.931	2.771	13.9	22.4
5 21	18 1.29	−19 49.6	1.859	2.780	10.6	22.2
5 31	17 53.24	−19 47.2	1.810	2.789	6.8	22.0
6 10	17 43.68	−19 46.1	1.787	2.797	2.8	21.8
6 20	17 33.57	−19 45.9	1.792	2.804	2.2	21.8
6 30	17 23.97	−19 47.2	1.823	2.811	6.1	22.0
7 10	17 15.84	−19 50.5	1.881	2.817	9.9	22.3
7 20	17 9.85	−19 56.6	1.962	2.823	13.2	22.5

442109 2010 TR_{144} 6 15.9 314°.66 1°.5/15.6 15

5 11	18 1.02	−21 8.9	1.856	2.710	13.8	21.4
5 21	17 57.16	−20 42.6	1.751	2.680	10.7	21.1
5 31	17 50.93	−20 14.9	1.668	2.650	6.9	20.8
6 10	17 42.93	−19 46.5	1.610	2.620	2.9	20.5
6 20	17 34.03	−19 18.3	1.578	2.591	2.5	20.4
6 30	17 25.30	−18 52.1	1.572	2.561	6.7	20.6
7 10	17 17.85	−18 30.1	1.591	2.533	11.0	20.8
7 20	17 12.50	−18 13.8	1.632	2.505	14.8	21.0

433479 2013 WN_4 6 15.9 191°.38 1°.2/15.9 17

5 11	18 6.66	−25 51.2	2.129	2.966	12.9	21.8
5 21	18 1.01	−26 10.0	2.046	2.964	9.9	21.6
5 31	17 53.13	−26 26.9	1.986	2.963	6.4	21.3
6 10	17 43.68	−26 40.1	1.952	2.961	2.7	21.1
6 20	17 33.55	−26 48.0	1.946	2.958	2.0	21.0
6 30	17 23.80	−26 50.5	1.968	2.955	5.7	21.3
7 10	17 15.41	−26 48.8	2.016	2.952	9.3	21.5
7 20	17 9.07	−26 44.8	2.088	2.948	12.5	21.7

232205 2002 GK_{106} 6 15.9 325°.26 9°.5/15.3 18

5 11	17 59.30	− 3 17.0	1.490	2.330	17.3	19.2
5 21	17 56.09	− 2 26.7	1.408	2.311	14.6	19.0
5 31	17 50.34	− 1 51.9	1.346	2.293	11.8	18.8
6 10	17 42.72	− 1 38.0	1.304	2.276	9.8	18.6
6 20	17 34.19	− 1 48.7	1.285	2.259	9.8	18.6
6 30	17 25.93	− 2 25.1	1.289	2.243	11.8	18.6
7 10	17 19.12	− 3 24.6	1.314	2.228	14.9	18.8
7 20	17 14.63	− 4 42.5	1.358	2.214	18.2	18.9

497099 2004 BB_{85} 6 15.9 205°.51 8°.6/15.8 17

5 11	18 7.41	+ 5 32.2	2.582	3.332	13.3	22.4
5 21	18 1.03	+ 5 59.0	2.494	3.324	11.6	22.3
5 31	17 52.90	+ 6 10.2	2.428	3.315	9.9	22.2
6 10	17 43.55	+ 6 2.7	2.387	3.305	8.8	22.1
6 20	17 33.65	+ 5 34.8	2.372	3.294	8.7	22.1
6 30	17 23.99	+ 4 46.9	2.383	3.282	9.7	22.1
7 10	17 15.31	+ 3 41.2	2.421	3.269	11.4	22.2
7 20	17 8.20	+ 2 21.3	2.481	3.255	13.3	22.3

216468 1996 XZ_{23} 6 15.9 144°.95 0°.9/15.8 17

5 11	18 6.91	−22 16.5	1.573	2.427	15.9	20.7
5 21	18 1.68	−22 1.1	1.502	2.430	12.1	20.4
5 31	17 53.74	−21 44.9	1.451	2.433	7.8	20.2
6 10	17 43.93	−21 27.5	1.425	2.436	3.0	19.9
6 20	17 33.41	−21 9.3	1.425	2.438	2.3	19.9
6 30	17 23.50	−20 51.8	1.451	2.441	7.0	20.2
7 10	17 15.38	−20 36.9	1.501	2.443	11.4	20.4
7 20	17 9.84	−20 26.4	1.572	2.445	15.3	20.7

203696 2002 OJ_9 6 15.9 286°.64 1°.8/15.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 2.79	−19 40.8	1.903	2.751	13.7	20.4
5 21	17 58.23	−19 21.0	1.817	2.743	10.5	20.2
5 31	17 51.43	−19 1.9	1.754	2.734	6.8	19.9
6 10	17 43.06	−18 44.4	1.716	2.725	3.0	19.7
6 20	17 34.00	−18 28.9	1.705	2.716	2.6	19.6
6 30	17 25.31	−18 16.7	1.720	2.707	6.4	19.8
7 10	17 17.97	−18 8.9	1.760	2.699	10.3	20.0
7 20	17 12.69	−18 6.3	1.823	2.690	13.8	20.2

21625 Seira 6 15.9 254°.32 0°.5/15.7 18

5 11	18 3.26	−23 45.2	2.658	3.491	10.8	19.5
5 21	17 58.00	−23 15.2	2.556	3.474	8.2	19.3
5 31	17 51.02	−22 42.1	2.479	3.457	5.3	19.1
6 10	17 42.85	−22 6.2	2.429	3.439	2.0	18.8
6 20	17 34.18	−21 28.3	2.408	3.421	1.5	18.8
6 30	17 25.76	−20 50.0	2.416	3.403	4.9	19.0
7 10	17 18.35	−20 13.3	2.452	3.384	8.1	19.2
7 20	17 12.51	−19 39.9	2.512	3.365	10.9	19.3

498931 2009 BE_{37} 6 15.9 52°.63 1°.7/15.9 17

5 11	18 7.43	−26 41.4	1.236	2.103	18.5	21.3
5 21	18 2.70	−26 52.3	1.180	2.115	14.1	21.1
5 31	17 54.62	−26 59.0	1.143	2.127	9.1	20.8
6 10	17 44.30	−26 59.0	1.129	2.139	3.8	20.6
6 20	17 33.21	−26 50.9	1.138	2.152	2.8	20.5
6 30	17 23.05	−26 35.8	1.172	2.165	7.9	20.9
7 10	17 15.24	−26 17.0	1.228	2.178	12.7	21.2
7 20	17 10.61	−25 58.2	1.304	2.191	16.8	21.5

398073 2009 HR_{104} 6 15.9 317°.62 7°.8/14.5 16

5 11	17 59.97	− 2 8.1	2.204	3.013	13.5	21.4
5 21	17 55.63	− 1 6.6	2.131	3.011	11.3	21.2
5 31	17 49.54	− 0 16.6	2.081	3.010	9.3	21.1
6 10	17 42.30	+ 0 18.2	2.054	3.008	8.0	21.0
6 20	17 34.59	+ 0 35.2	2.052	3.007	8.1	21.0
6 30	17 27.22	+ 0 33.5	2.076	3.005	9.5	21.1
7 10	17 20.91	+ 0 14.0	2.123	3.004	11.5	21.2
7 20	17 16.22	− 0 21.0	2.192	3.003	13.7	21.4

491228 2011 UQ_{186} 6 15.9 214°.79 7°.1/14.3 16

5 11	18 0.46	− 2 50.0	2.469	3.273	12.3	22.1
5 21	17 55.83	− 1 47.3	2.391	3.269	10.3	21.9
5 31	17 49.60	− 0 54.1	2.337	3.265	8.4	21.8
6 10	17 42.31	− 0 13.9	2.307	3.261	7.2	21.7
6 20	17 34.59	+ 0 10.9	2.303	3.257	7.3	21.7
6 30	17 27.15	+ 0 19.1	2.325	3.253	8.7	21.8
7 10	17 20.67	+ 0 11.0	2.372	3.248	10.7	21.9
7 20	17 15.67	− 0 11.5	2.441	3.243	12.7	22.0

367772 2010 XC_3 6 15.9 270°.58 0°.1/15.9 18

5 11	18 7.53	−21 45.5	1.670	2.519	15.3	21.4
5 21	18 2.53	−22 12.2	1.570	2.496	11.9	21.1
5 31	17 54.63	−22 42.3	1.493	2.473	7.7	20.8
6 10	17 44.44	−23 13.7	1.439	2.450	2.9	20.4
6 20	17 32.98	−23 44.0	1.412	2.426	2.1	20.3
6 30	17 21.63	−24 11.5	1.412	2.402	7.2	20.6
7 10	17 11.78	−24 36.0	1.436	2.377	11.9	20.8
7 20	17 4.48	−24 58.4	1.482	2.352	16.2	21.0

97834 2000 PN_6 6 15.9 200°.83 10°.3/15.3 17

5 11	18 6.46	+ 6 23.8	2.192	2.951	15.1	20.0
5 21	18 0.59	+ 7 13.1	2.114	2.946	13.3	19.8
5 31	17 52.75	+ 7 44.8	2.056	2.940	11.6	19.7
6 10	17 43.54	+ 7 54.4	2.022	2.934	10.5	19.6
6 20	17 33.74	+ 7 39.4	2.011	2.926	10.5	19.6
6 30	17 24.24	+ 6 59.6	2.026	2.918	11.5	19.7
7 10	17 15.90	+ 5 57.6	2.064	2.908	13.3	19.8
7 20	17 9.36	+ 4 37.7	2.123	2.898	15.2	19.9

96196 1992 EQ_4 6 15.9 141°.06 2°.4/15.8 17

5 11	18 6.95	−17 35.2	1.478	2.332	16.7	19.6
5 21	18 1.86	−17 33.0	1.408	2.336	12.8	19.3
5 31	17 53.95	−17 35.7	1.359	2.339	8.4	19.1
6 10	17 44.07	−17 43.4	1.333	2.342	3.8	18.8
6 20	17 33.38	−17 55.6	1.333	2.345	3.2	18.8
6 30	17 23.27	−18 12.0	1.359	2.347	7.6	19.1
7 10	17 14.97	−18 32.4	1.408	2.349	12.1	19.3
7 20	17 9.33	−18 56.6	1.478	2.352	16.0	19.6

491293 2011 VX_{18} 6 15.9 238°.31 2°.8/15.9 18

5 11	18 5.45	−31 13.7	2.684	3.507	11.0	22.8
5 21	17 59.90	−31 47.8	2.585	3.493	8.6	22.6
5 31	17 52.38	−32 18.1	2.511	3.479	5.9	22.4
6 10	17 43.44	−32 41.9	2.463	3.464	3.4	22.2
6 20	17 33.80	−32 57.3	2.444	3.448	3.1	22.1
6 30	17 24.35	−33 3.7	2.454	3.433	5.4	22.3
7 10	17 15.94	−33 1.9	2.491	3.416	8.3	22.4
7 20	17 9.26	−32 54.2	2.552	3.400	10.9	22.6

522585 2016 EL_{246} 6 15.9 63°.45 1°.7/15.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 7.63	−26 28.1	1.380	2.240	17.3	21.1
5 21	18 2.59	−26 45.7	1.321	2.252	13.2	20.8
5 31	17 54.46	−26 59.9	1.283	2.264	8.5	20.6
6 10	17 44.25	−27 8.2	1.267	2.277	3.6	20.3
6 20	17 33.31	−27 8.6	1.277	2.290	2.7	20.3
6 30	17 23.18	−27 1.9	1.311	2.302	7.4	20.6
7 10	17 15.20	−26 50.5	1.369	2.315	12.0	20.9
7 20	17 10.17	−26 37.6	1.447	2.328	15.9	21.2

141717 2002 LC_{14} 6 15.9 347°.97 0°.9/15.9 17

5 11	17 58.17	−25 27.8	1.010	1.903	19.6	19.7
5 21	17 56.48	−25 26.0	0.942	1.891	15.1	19.4
5 31	17 51.18	−25 20.4	0.892	1.881	9.8	19.1
6 10	17 43.19	−25 9.6	0.861	1.873	3.9	18.7
6 20	17 33.98	−24 53.0	0.852	1.866	2.7	18.6
6 30	17 25.43	−24 32.2	0.863	1.861	8.8	18.9
7 10	17 19.24	−24 10.6	0.895	1.858	14.5	19.2
7 20	17 16.48	−23 51.6	0.943	1.856	19.4	19.5

137868 2000 AA_{84} 6 15.9 81°.06 1°.3/15.8 18

5 11	18 6.69	−19 37.8	1.534	2.388	16.2	19.6
5 21	18 1.46	−19 43.5	1.473	2.401	12.3	19.4
5 31	17 53.57	−19 52.3	1.433	2.414	7.9	19.2
6 10	17 43.88	−20 3.3	1.417	2.427	3.2	18.9
6 20	17 33.57	−20 15.8	1.427	2.440	2.5	18.9
6 30	17 23.93	−20 29.3	1.463	2.453	7.0	19.2
7 10	17 16.11	−20 44.2	1.523	2.465	11.3	19.5
7 20	17 10.84	−21 0.8	1.604	2.478	14.9	19.7

442149 2010 VB_{106} 6 15.9 294°.19 5°.9/14.1 17

5 11	18 0.48	− 9 2.5	2.260	3.087	12.6	21.1
5 21	17 56.12	− 7 52.5	2.165	3.068	10.2	20.9
5 31	17 49.96	− 6 47.3	2.094	3.048	7.8	20.7
6 10	17 42.52	− 5 50.4	2.048	3.028	6.1	20.5
6 20	17 34.49	− 5 5.0	2.029	3.008	6.3	20.5
6 30	17 26.69	− 4 33.8	2.037	2.989	8.3	20.6
7 10	17 19.90	− 4 17.5	2.069	2.969	10.9	20.7
7 20	17 14.73	− 4 15.8	2.123	2.949	13.6	20.9

515082 2010 TM_3 6 15.9 221°.01 10°.6/15.1 18 R

5 11	18 26.84	−34 41.4	0.859	1.720	25.1	22.6
5 21	18 21.21	−36 40.9	0.786	1.710	20.6	22.3
5 31	18 8.97	−38 40.4	0.730	1.698	15.5	21.9
6 10	17 50.63	−40 21.6	0.692	1.684	11.3	21.6
6 20	17 28.40	−41 24.2	0.674	1.668	11.3	21.6
6 30	17 6.30	−41 37.5	0.677	1.651	15.9	21.7
7 10	16 48.45	−41 8.6	0.698	1.631	21.8	21.9
7 20	16 37.24	−40 14.8	0.733	1.609	27.4	22.2

325809 2010 RY_{111} 6 15.9 108°.20 5°.1/15.5 17

5 11	18 5.25	−12 38.8	1.532	2.381	16.5	20.7
5 21	18 0.34	−12 3.4	1.466	2.386	12.9	20.5
5 31	17 52.85	−11 35.8	1.420	2.392	9.1	20.3
6 10	17 43.63	−11 18.2	1.398	2.397	5.8	20.1
6 20	17 33.75	−11 12.5	1.401	2.402	5.6	20.1
6 30	17 24.44	−11 19.4	1.429	2.406	8.7	20.3
7 10	17 16.82	−11 38.1	1.481	2.411	12.4	20.5
7 20	17 11.64	−12 7.0	1.553	2.416	15.9	20.7

317956 2003 WV_{175} 6 15.9 109°.05 0°.9/15.8 17

5 11	18 7.83	−21 1.5	1.632	2.481	15.6	21.8
5 21	18 2.20	−21 2.9	1.568	2.494	11.9	21.6
5 31	17 53.98	−21 5.6	1.526	2.506	7.6	21.4
6 10	17 44.03	−21 8.7	1.508	2.519	2.9	21.1
6 20	17 33.48	−21 11.7	1.517	2.531	2.2	21.1
6 30	17 23.58	−21 14.6	1.553	2.542	6.7	21.4
7 10	17 15.45	−21 18.6	1.613	2.554	10.9	21.7
7 20	17 9.81	−21 24.5	1.695	2.565	14.5	21.9

196658 2003 SJ_{37} 6 15.9 330°.02 0°.3/15.9 18

5 11	18 3.63	−25 59.2	1.617	2.474	15.3	19.6
5 21	17 59.30	−25 34.0	1.536	2.467	11.8	19.3
5 31	17 52.30	−25 3.4	1.477	2.459	7.6	19.0
6 10	17 43.46	−24 27.2	1.442	2.453	2.9	18.7
6 20	17 33.85	−23 46.3	1.432	2.446	2.0	18.7
6 30	17 24.78	−23 3.2	1.448	2.440	6.8	19.0
7 10	17 17.40	−22 21.4	1.489	2.435	11.2	19.2
7 20	17 12.52	−21 44.1	1.551	2.430	15.1	19.4

190543 2000 RM_{80} 6 15.9 312°.15 4°.1/16.2 18

5 11	18 5.43	−31 53.0	1.451	2.308	16.8	20.8
5 21	18 1.81	−32 9.3	1.340	2.266	13.4	20.5
5 31	17 54.69	−32 17.8	1.248	2.224	9.4	20.1
6 10	17 44.65	−32 14.0	1.178	2.183	5.3	19.8
6 20	17 32.85	−31 53.9	1.132	2.141	4.6	19.6
6 30	17 21.00	−31 16.8	1.111	2.099	8.9	19.7
7 10	17 10.93	−30 26.5	1.111	2.058	14.1	19.9
7 20	17 4.05	−29 29.4	1.131	2.017	19.0	20.1

440550 2005 UX_{253} 6 15.9 262°.27 2°.0/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 3.74	−28 44.3	2.444	3.277	11.6	21.5
5 21	17 58.71	−29 5.6	2.347	3.263	8.9	21.3
5 31	17 51.68	−29 23.8	2.274	3.248	5.9	21.1
6 10	17 43.20	−29 36.8	2.227	3.233	2.9	20.9
6 20	17 34.03	−29 43.1	2.208	3.218	2.5	20.8
6 30	17 25.10	−29 42.6	2.218	3.203	5.4	21.0
7 10	17 17.28	−29 36.2	2.254	3.188	8.6	21.2
7 20	17 11.25	−29 26.0	2.314	3.172	11.5	21.3

475792 2006 XN_{31} 6 15.9 252°.06 1°.3/15.9 18

5 11	18 4.09	−25 38.0	2.405	3.240	11.7	21.8
5 21	17 58.98	−26 8.1	2.310	3.228	9.0	21.6
5 31	17 51.85	−26 37.6	2.239	3.216	5.8	21.3
6 10	17 43.27	−27 4.5	2.195	3.204	2.5	21.1
6 20	17 33.98	−27 27.1	2.179	3.191	2.0	21.0
6 30	17 24.90	−27 44.5	2.192	3.179	5.3	21.3
7 10	17 16.91	−27 57.0	2.231	3.166	8.6	21.4
7 20	17 10.70	−28 5.9	2.295	3.153	11.6	21.6

351958 2006 TB_{113} 6 15.9 280°.12 3°.2/15.9 18

5 11	18 2.15	−13 23.0	2.135	2.971	12.9	21.0
5 21	17 57.56	−13 23.8	2.042	2.958	10.1	20.8
5 31	17 50.97	−13 31.4	1.973	2.944	6.9	20.5
6 10	17 42.94	−13 46.4	1.928	2.930	4.0	20.3
6 20	17 34.22	−14 8.8	1.911	2.916	3.6	20.3
6 30	17 25.72	−14 38.1	1.921	2.902	6.5	20.4
7 10	17 18.31	−15 13.3	1.957	2.889	9.8	20.6
7 20	17 12.68	−15 53.4	2.017	2.875	13.0	20.8

339403 2005 CL_{14} 6 15.9 12°.26 2°.0/15.8 17

5 11	18 3.21	−17 53.7	1.858	2.706	14.1	21.0
5 21	17 58.55	−17 52.8	1.782	2.706	10.8	20.8
5 31	17 51.64	−17 55.6	1.728	2.707	7.0	20.6
6 10	17 43.18	−18 2.3	1.699	2.707	3.2	20.3
6 20	17 34.09	−18 12.4	1.696	2.708	2.7	20.3
6 30	17 25.40	−18 25.8	1.721	2.708	6.4	20.5
7 10	17 18.10	−18 42.6	1.770	2.709	10.2	20.8
7 20	17 12.89	−19 2.6	1.842	2.710	13.6	21.0

293782 2007 RY_{125} 6 15.9 279°.63 0°.5/15.8 18

5 11	18 3.68	−22 15.2	1.943	2.791	13.6	21.6
5 21	17 59.03	−22 9.6	1.849	2.774	10.4	21.3
5 31	17 52.05	−22 3.5	1.778	2.758	6.7	21.1
6 10	17 43.38	−21 56.6	1.731	2.742	2.6	20.8
6 20	17 33.92	−21 48.7	1.712	2.725	1.9	20.7
6 30	17 24.74	−21 40.4	1.719	2.709	6.2	20.9
7 10	17 16.87	−21 32.9	1.752	2.692	10.2	21.1
7 20	17 11.10	−21 27.8	1.807	2.675	13.8	21.3

254886 2005 SD_{32} 6 15.9 307°.68 4°.9/15.2 18

5 11	18 0.13	−11 11.7	2.029	2.868	13.4	20.5
5 21	17 56.07	−10 34.6	1.940	2.853	10.6	20.3
5 31	17 50.03	−10 3.7	1.874	2.839	7.7	20.1
6 10	17 42.59	− 9 41.5	1.832	2.825	5.3	19.9
6 20	17 34.51	− 9 29.9	1.817	2.811	5.3	19.9
6 30	17 26.70	− 9 30.0	1.827	2.798	7.7	20.0
7 10	17 20.02	− 9 41.8	1.863	2.785	10.8	20.2
7 20	17 15.13	−10 4.1	1.920	2.772	13.8	20.3

309676 2008 ET_{95} 6 15.9 31°.66 2°.7/16.3 18

5 11	18 3.98	−31 32.1	2.083	2.921	13.1	20.5
5 21	17 59.03	−31 35.9	2.008	2.924	10.2	20.3
5 31	17 51.88	−31 32.7	1.956	2.928	6.9	20.1
6 10	17 43.25	−31 20.8	1.929	2.932	3.7	19.9
6 20	17 34.09	−30 59.6	1.928	2.937	3.1	19.9
6 30	17 25.44	−30 30.0	1.955	2.941	5.9	20.1
7 10	17 18.25	−29 55.0	2.008	2.946	9.3	20.3
7 20	17 13.17	−29 17.8	2.084	2.950	12.3	20.5

418978 2009 HG_{105} 6 15.9 127°.88 3°.3/15.9 17

5 11	18 6.67	−15 7.0	1.566	2.414	16.2	21.1
5 21	18 1.46	−15 4.6	1.497	2.420	12.5	20.8
5 31	17 53.62	−15 9.2	1.450	2.426	8.4	20.6
6 10	17 43.96	−15 21.4	1.426	2.431	4.4	20.4
6 20	17 33.58	−15 40.6	1.428	2.437	3.8	20.4
6 30	17 23.74	−16 6.2	1.456	2.442	7.6	20.6
7 10	17 15.61	−16 37.4	1.509	2.446	11.7	20.8
7 20	17 9.95	−17 12.9	1.582	2.451	15.4	21.1

299848 2006 SC_{238} 6 15.9 256°.10 0°.9/15.9 18

5 11	18 3.69	−25 33.7	2.234	3.074	12.3	21.5
5 21	17 58.75	−25 43.6	2.143	3.064	9.4	21.3
5 31	17 51.73	−25 51.6	2.076	3.054	6.1	21.1
6 10	17 43.23	−25 56.3	2.034	3.044	2.5	20.8
6 20	17 34.07	−25 57.0	2.020	3.033	1.8	20.8
6 30	17 25.20	−25 53.5	2.034	3.023	5.5	21.0
7 10	17 17.53	−25 47.2	2.074	3.012	9.0	21.2
7 20	17 11.76	−25 39.6	2.138	3.001	12.1	21.4

323042 2002 RQ_{45} 6 15.9 317°.35 2°.1/15.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 2.40	−26 11.8	1.244	2.119	17.9	20.4
5 21	17 59.54	−26 36.7	1.154	2.093	14.0	20.1
5 31	17 53.20	−27 0.8	1.083	2.068	9.2	19.8
6 10	17 44.07	−27 20.7	1.033	2.043	4.0	19.4
6 20	17 33.37	−27 33.3	1.006	2.019	3.2	19.3
6 30	17 22.87	−27 37.1	1.001	1.995	8.7	19.5
7 10	17 14.35	−27 33.9	1.019	1.973	14.2	19.7
7 20	17 9.10	−27 26.8	1.054	1.952	19.1	19.9

152337 2005 UO_{55} 6 15.9 231°.73 0°.4/15.9 18

5 11	18 2.53	−24 41.7	2.761	3.593	10.4	21.1
5 21	17 57.46	−24 45.0	2.665	3.582	8.0	21.0
5 31	17 50.71	−24 46.9	2.594	3.572	5.1	20.8
6 10	17 42.81	−24 46.4	2.551	3.560	2.0	20.5
6 20	17 34.39	−24 43.1	2.535	3.549	1.4	20.5
6 30	17 26.20	−24 37.4	2.549	3.537	4.6	20.7
7 10	17 18.97	−24 30.0	2.591	3.525	7.6	20.8
7 20	17 13.24	−24 22.3	2.657	3.513	10.3	21.0

19919 Pogorelov 6 15.9 295°.63 4°.6/15.5 18 R

5 11	18 7.03	−31 13.0	1.758	2.601	14.9	17.4
5 21	18 2.33	−32 21.8	1.663	2.581	11.8	17.2
5 31	17 54.62	−33 28.9	1.590	2.560	8.4	16.9
6 10	17 44.52	−34 28.7	1.541	2.540	5.3	16.7
6 20	17 33.09	−35 16.0	1.518	2.519	5.1	16.6
6 30	17 21.75	−35 47.6	1.521	2.499	8.2	16.8
7 10	17 11.97	−36 3.9	1.548	2.478	12.0	16.9
7 20	17 4.89	−36 8.1	1.597	2.458	15.6	17.1

61296 2000 ON_{45} 6 15.9 318°.24 3°.0/15.3 18

5 11	18 2.23	−21 1.2	1.169	2.048	18.5	18.7
5 21	17 59.17	−20 3.7	1.088	2.029	14.4	18.4
5 31	17 52.75	−19 1.7	1.025	2.011	9.5	18.1
6 10	17 43.81	−17 57.9	0.983	1.993	4.4	17.8
6 20	17 33.65	−16 56.3	0.964	1.976	4.2	17.7
6 30	17 23.95	−16 2.0	0.968	1.959	9.5	17.9
7 10	17 16.32	−15 19.6	0.993	1.944	14.9	18.2
7 20	17 11.82	−14 51.9	1.036	1.929	19.8	18.4

205539 2001 ST_{172} 6 15.9 196°.81 5°.9/15.1 17

5 11	18 1.11	− 7 34.2	2.181	3.005	13.1	20.1
5 21	17 56.54	− 6 50.2	2.105	3.005	10.6	20.0
5 31	17 50.18	− 6 14.7	2.052	3.004	8.0	19.8
6 10	17 42.61	− 5 50.5	2.024	3.004	6.2	19.7
6 20	17 34.56	− 5 39.2	2.022	3.003	6.1	19.7
6 30	17 26.86	− 5 41.9	2.046	3.003	8.0	19.8
7 10	17 20.27	− 5 57.8	2.096	3.002	10.5	20.0
7 20	17 15.35	− 6 25.3	2.167	3.001	13.1	20.1

323052 2002 RW_{190} 6 15.9 333°.55 13°.0/14.8 18

5 11	18 6.38	−43 58.5	1.195	2.040	20.4	19.8
5 21	18 3.81	−45 56.6	1.123	2.023	17.7	19.6
5 31	17 56.61	−47 41.1	1.069	2.008	15.0	19.4
6 10	17 45.54	−48 59.4	1.034	1.994	13.2	19.2
6 20	17 32.33	−49 40.5	1.020	1.981	13.3	19.2
6 30	17 19.58	−49 39.9	1.024	1.969	15.2	19.3
7 10	17 9.84	−49 2.5	1.048	1.959	18.1	19.4
7 20	17 4.74	−47 58.5	1.087	1.949	21.3	19.6

38254 1999 RV_{9} 6 15.9 307°.56 0°.8/15.9 17

5 11	18 4.54	−25 23.3	1.719	2.571	14.8	20.1
5 21	17 59.91	−25 26.4	1.638	2.566	11.3	19.8
5 31	17 52.69	−25 27.0	1.580	2.561	7.3	19.6
6 10	17 43.65	−25 23.7	1.546	2.556	2.9	19.3
6 20	17 33.82	−25 15.7	1.537	2.551	2.1	19.2
6 30	17 24.46	−25 3.6	1.555	2.546	6.5	19.5
7 10	17 16.69	−24 49.4	1.598	2.542	10.8	19.7
7 20	17 11.33	−24 35.5	1.662	2.537	14.5	19.9

185091 2006 RG_{99} 6 15.9 199°.83 1°.9/15.9 17

5 11	18 8.03	−27 21.3	1.690	2.537	15.3	20.8
5 21	18 2.66	−27 40.7	1.612	2.536	11.8	20.6
5 31	17 54.49	−27 56.7	1.556	2.534	7.7	20.3
6 10	17 44.34	−28 6.7	1.523	2.532	3.4	20.1
6 20	17 33.34	−28 8.6	1.518	2.530	2.7	20.0
6 30	17 22.84	−28 2.6	1.538	2.527	6.9	20.3
7 10	17 14.08	−27 50.8	1.584	2.524	11.1	20.5
7 20	17 7.93	−27 36.3	1.651	2.521	14.8	20.7

232048 2001 UB_{11} 6 15.9 277°.83 2°.1/15.7 18

5 11	18 7.11	−25 21.0	1.714	2.563	15.0	20.0
5 21	18 2.17	−26 15.0	1.625	2.549	11.6	19.8
5 31	17 54.38	−27 11.0	1.557	2.536	7.6	19.5
6 10	17 44.40	−28 4.8	1.514	2.522	3.5	19.2
6 20	17 33.25	−28 52.6	1.497	2.508	3.0	19.2
6 30	17 22.31	−29 31.4	1.507	2.494	7.1	19.4
7 10	17 12.92	−30 1.1	1.542	2.481	11.4	19.6
7 20	17 6.09	−30 23.4	1.599	2.467	15.3	19.8

177672 2005 EQ_{58} 6 15.9 45.°06 1.°7/15.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 5.36	−20 30.3	1.227	2.098	18.4	20.3
5 21	18 0.94	−20 15.6	1.175	2.112	14.0	20.1
5 31	17 53.44	−20 2.6	1.142	2.126	8.9	19.8
6 10	17 43.91	−19 51.8	1.131	2.141	3.7	19.6
6 20	17 33.74	−19 43.3	1.144	2.157	2.9	19.6
6 30	17 24.45	−19 38.1	1.180	2.173	7.9	19.9
7 10	17 17.34	−19 37.5	1.240	2.189	12.7	20.2
7 20	17 13.15	−19 42.2	1.319	2.206	16.7	20.5

496162 2010 VZ_{210} 6 15.9 304.°47 4.°2/14.7 15

5 11	18 1.31	−15 5.9	2.108	2.949	12.9	21.1
5 21	17 56.95	−14 0.2	2.009	2.927	10.1	20.9
5 31	17 50.60	−12 55.0	1.935	2.905	7.1	20.7
6 10	17 42.84	−11 53.3	1.886	2.884	4.6	20.5
6 20	17 34.42	−10 58.2	1.864	2.862	4.7	20.4
6 30	17 26.27	−10 12.6	1.869	2.841	7.4	20.6
7 10	17 19.23	− 9 38.6	1.900	2.820	10.7	20.7
7 20	17 13.98	− 9 17.1	1.952	2.799	13.8	20.9

217831 2001 JJ_{9} 6 15.9 342.°69 1.°5/15.8 17

5 11	18 0.04	−20 47.3	1.166	2.048	18.3	19.8
5 21	17 57.44	−20 39.1	1.094	2.037	14.1	19.5
5 31	17 51.60	−20 32.8	1.040	2.027	9.1	19.2
6 10	17 43.37	−20 28.6	1.007	2.018	3.7	18.9
6 20	17 34.03	−20 26.5	0.996	2.010	2.9	18.8
6 30	17 25.21	−20 27.2	1.008	2.003	8.4	19.1
7 10	17 18.42	−20 31.7	1.041	1.998	13.7	19.4
7 20	17 14.69	−20 40.9	1.093	1.993	18.3	19.6

384571 2010 GB_{134} 6 15.9 172.°90 0.°4/15.9 18

5 11	18 4.83	−23 41.6	2.125	2.966	12.8	21.0
5 21	17 59.61	−23 56.5	2.045	2.967	9.8	20.8
5 31	17 52.27	−24 11.1	1.989	2.968	6.2	20.5
6 10	17 43.45	−24 23.8	1.958	2.969	2.4	20.3
6 20	17 34.03	−24 33.7	1.956	2.969	1.7	20.2
6 30	17 24.99	−24 40.6	1.981	2.970	5.6	20.5
7 10	17 17.24	−24 45.1	2.032	2.970	9.1	20.7
7 20	17 11.46	−24 48.5	2.107	2.970	12.3	20.9

493599 2015 MU_{83} 6 15.9 348.°93 0.°2/15.9 16

5 11	18 2.45	−24 29.2	2.069	2.915	12.9	21.4
5 21	17 57.80	−24 6.5	1.988	2.913	9.8	21.2
5 31	17 51.09	−23 40.8	1.931	2.911	6.3	20.9
6 10	17 43.00	−23 12.1	1.899	2.910	2.4	20.7
6 20	17 34.38	−22 41.1	1.895	2.909	1.7	20.6
6 30	17 26.20	−22 9.6	1.918	2.908	5.6	20.9
7 10	17 19.34	−21 39.5	1.967	2.907	9.3	21.1
7 20	17 14.42	−21 12.9	2.039	2.907	12.5	21.3

50242 2000 BU_{11} 6 15.9 43.°41 0.°1/15.9 18

5 11	18 5.50	−23 42.9	1.335	2.201	17.4	18.6
5 21	18 0.99	−23 41.9	1.277	2.212	13.3	18.3
5 31	17 53.48	−23 39.7	1.239	2.223	8.4	18.1
6 10	17 43.96	−23 35.1	1.223	2.234	3.2	17.8
6 20	17 33.74	−23 27.6	1.232	2.246	2.2	17.8
6 30	17 24.32	−23 18.1	1.266	2.259	7.4	18.1
7 10	17 16.97	−23 8.7	1.322	2.271	12.1	18.4
7 20	17 12.47	−23 1.5	1.399	2.284	16.0	18.7

252933 2002 PJ_{6} 6 15.9 43.°02 2.°8/16.3 17

5 11	18 7.48	−30 25.6	1.369	2.227	17.5	19.8
5 21	18 2.65	−30 23.0	1.305	2.233	13.6	19.6
5 31	17 54.60	−30 11.6	1.261	2.240	9.0	19.4
6 10	17 44.40	−29 48.9	1.240	2.247	4.4	19.1
6 20	17 33.45	−29 14.5	1.243	2.255	3.4	19.1
6 30	17 23.37	−28 30.8	1.272	2.263	7.7	19.3
7 10	17 15.51	−27 42.9	1.323	2.271	12.2	19.6
7 20	17 10.69	−26 55.8	1.395	2.279	16.2	19.9

38570 1999 VH_{199} 6 15.9 180.°30 5.°2/15.4 18

5 11	18 0.26	− 6 32.2	2.592	3.406	11.6	19.3
5 21	17 55.65	− 6 3.9	2.514	3.407	9.4	19.2
5 31	17 49.52	− 5 44.1	2.459	3.407	7.1	19.0
6 10	17 42.38	− 5 34.5	2.430	3.407	5.5	18.9
6 20	17 34.84	− 5 36.2	2.428	3.407	5.4	18.9
6 30	17 27.57	− 5 49.6	2.453	3.406	7.0	19.0
7 10	17 21.22	− 6 13.8	2.503	3.406	9.2	19.2
7 20	17 16.28	− 6 47.3	2.577	3.405	11.4	19.3

316903 2000 SD_{289} 6 15.9 241.°19 2.°1/16.1 17

5 11	18 10.13	−28 30.9	1.842	2.680	14.6	21.8
5 21	18 4.28	−28 41.9	1.745	2.663	11.4	21.5
5 31	17 55.62	−28 48.2	1.670	2.646	7.5	21.3
6 10	17 44.86	−28 47.1	1.621	2.628	3.5	21.0
6 20	17 33.06	−28 36.7	1.598	2.609	2.8	20.9
6 30	17 21.56	−28 17.3	1.602	2.589	6.8	21.1
7 10	17 11.66	−27 51.6	1.632	2.569	11.1	21.3
7 20	17 4.29	−27 23.2	1.685	2.548	14.9	21.5

98379 2000 TN_{33} 6 15.9 327.°08 3.°0/17.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 13.09	−37 40.8	1.180	2.030	20.3	17.6
5 21	18 7.68	−36 5.7	1.093	2.015	16.2	17.3
5 31	17 58.15	−33 59.0	1.025	2.000	11.1	17.0
6 10	17 45.80	−31 18.7	0.980	1.986	5.6	16.6
6 20	17 32.52	−28 10.1	0.960	1.973	3.6	16.4
6 30	17 20.42	−24 47.5	0.967	1.960	8.9	16.7
7 10	17 11.23	−21 29.2	0.998	1.949	14.8	17.0
7 20	17 5.86	−18 30.7	1.051	1.939	19.9	17.2

355657 2008 EA_{89} 6 15.9 106.°72 4.°9/16.0 16

5 11	18 6.67	−36 24.8	2.305	3.124	12.6	20.8
5 21	18 1.16	−37 15.3	2.230	3.129	10.1	20.7
5 31	17 53.34	−37 58.2	2.179	3.134	7.5	20.5
6 10	17 43.90	−38 29.5	2.153	3.139	5.4	20.4
6 20	17 33.77	−38 46.6	2.154	3.144	5.1	20.4
6 30	17 24.05	−38 48.8	2.182	3.148	6.9	20.5
7 10	17 15.76	−38 38.2	2.236	3.153	9.5	20.7
7 20	17 9.61	−38 18.3	2.313	3.157	12.0	20.8

389284 2009 HH_{72} 6 15.9 33.°01 3.°1/15.5 17

5 11	18 6.26	−26 59.6	1.745	2.593	14.8	19.8
5 21	18 1.25	−28 18.1	1.681	2.604	11.4	19.6
5 31	17 53.59	−29 36.3	1.640	2.616	7.5	19.4
6 10	17 44.04	−30 49.1	1.624	2.629	4.0	19.2
6 20	17 33.67	−31 51.8	1.635	2.642	3.7	19.2
6 30	17 23.78	−32 41.7	1.673	2.656	7.0	19.5
7 10	17 15.54	−33 18.8	1.735	2.670	10.7	19.7
7 20	17 9.78	−33 45.2	1.820	2.685	13.9	19.9

299802 2006 SV_{108} 6 15.9 135.°03 1.°0/15.9 18

5 11	18 3.96	−26 8.1	2.304	3.142	12.0	21.6
5 21	17 58.79	−26 18.9	2.227	3.147	9.2	21.4
5 31	17 51.66	−26 27.3	2.174	3.151	5.9	21.2
6 10	17 43.22	−26 32.0	2.147	3.156	2.4	21.0
6 20	17 34.27	−26 32.3	2.147	3.160	1.8	21.0
6 30	17 25.71	−26 28.2	2.176	3.164	5.2	21.2
7 10	17 18.38	−26 21.0	2.231	3.168	8.5	21.4
7 20	17 12.89	−26 12.5	2.310	3.172	11.4	21.6

149740 2004 NL_{6} 6 15.9 259.°01 1.°7/16.3 18

5 11	18 4.23	−30 8.9	2.414	3.246	11.8	20.1
5 21	17 59.00	−29 55.9	2.322	3.237	9.1	19.9
5 31	17 51.81	−29 36.6	2.253	3.227	6.0	19.7
6 10	17 43.29	−29 10.0	2.211	3.218	2.9	19.5
6 20	17 34.22	−28 36.0	2.197	3.208	2.2	19.4
6 30	17 25.54	−27 56.0	2.211	3.198	5.2	19.6
7 10	17 18.06	−27 12.7	2.252	3.188	8.5	19.8
7 20	17 12.43	−26 28.9	2.317	3.178	11.4	19.9

270335 2001 XW_{180} 6 15.9 64.°76 1.°6/16.3 17

5 11	18 9.06	−30 7.9	1.604	2.450	16.0	19.8
5 21	18 3.12	−29 31.3	1.546	2.468	12.2	19.6
5 31	17 54.51	−28 45.4	1.508	2.486	7.9	19.4
6 10	17 44.26	−27 49.8	1.496	2.504	3.4	19.2
6 20	17 33.63	−26 46.4	1.510	2.523	2.4	19.2
6 30	17 23.94	−25 39.3	1.550	2.541	6.6	19.5
7 10	17 16.27	−24 33.4	1.616	2.559	10.7	19.8
7 20	17 11.23	−23 33.1	1.704	2.577	14.3	20.0

304660 2006 WS_{49} 6 15.9 197.°08 0.°4/15.9 18

5 11	18 3.18	−24 31.5	2.689	3.521	10.7	21.7
5 21	17 57.96	−24 37.3	2.602	3.518	8.1	21.5
5 31	17 51.06	−24 41.6	2.538	3.516	5.2	21.3
6 10	17 42.99	−24 43.7	2.502	3.512	2.0	21.1
6 20	17 34.45	−24 43.1	2.495	3.509	1.4	21.0
6 30	17 26.19	−24 40.0	2.517	3.505	4.6	21.2
7 10	17 18.93	−24 35.1	2.566	3.500	7.7	21.4
7 20	17 13.23	−24 29.8	2.640	3.496	10.3	21.6

457515 2008 VP_{67} 6 15.9 121.°88 1.°0/15.9 16

5 11	18 9.98	−25 7.5	1.449	2.303	17.0	22.2
5 21	18 4.34	−25 21.6	1.384	2.312	13.0	22.0
5 31	17 55.63	−25 33.8	1.340	2.321	8.3	21.7
6 10	17 44.81	−25 41.5	1.319	2.329	3.3	21.5
6 20	17 33.20	−25 43.1	1.324	2.338	2.4	21.4
6 30	17 22.33	−25 38.9	1.355	2.346	7.3	21.7
7 10	17 13.53	−25 31.1	1.409	2.353	11.9	22.0
7 20	17 7.65	−25 22.6	1.485	2.360	15.8	22.3

391306 2006 ST_{401} 6 15.9 120.°82 4.°8/15.9 17

5 11	18 7.72	−35 58.7	2.389	3.206	12.3	21.6
5 21	18 1.89	−36 57.2	2.317	3.214	9.8	21.4
5 31	17 53.78	−37 48.6	2.268	3.222	7.3	21.2
6 10	17 44.08	−38 29.0	2.245	3.230	5.2	21.1
6 20	17 33.69	−38 55.4	2.249	3.237	5.0	21.1
6 30	17 23.68	−39 7.0	2.281	3.245	6.8	21.3
7 10	17 15.05	−39 5.5	2.339	3.252	9.3	21.4
7 20	17 8.51	−38 54.0	2.420	3.259	11.7	21.6

303711 2005 PW_{17} 6 15.9 333°.66 2°.0/15.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	17 59.62	−20 2.4	1.599	2.463	15.1	20.4
5 21	17 56.34	−19 36.6	1.512	2.446	11.7	20.2
5 31	17 50.55	−19 11.2	1.447	2.430	7.6	19.9
6 10	17 42.93	−18 47.1	1.405	2.414	3.4	19.6
6 20	17 34.47	−18 25.7	1.387	2.399	2.9	19.5
6 30	17 26.35	−18 8.5	1.395	2.385	7.2	19.7
7 10	17 19.73	−17 57.2	1.426	2.373	11.6	20.0
7 20	17 15.43	−17 52.7	1.478	2.361	15.5	20.2

200106 1995 SK_{67} 6 15.9 264°.26 1°.7/16.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	18 5.76	−27 36.1	1.901	2.745	14.0	21.6
5 21	18 0.77	−27 45.9	1.811	2.732	10.8	21.3
5 31	17 53.27	−27 52.0	1.742	2.720	7.1	21.1
6 10	17 43.94	−27 52.3	1.699	2.708	3.1	20.8
6 20	17 33.77	−27 45.5	1.683	2.695	2.4	20.8
6 30	17 23.95	−27 31.9	1.694	2.683	6.3	21.0
7 10	17 15.61	−27 13.6	1.730	2.670	10.3	21.2
7 20	17 9.56	−26 53.3	1.788	2.657	13.9	21.4

37994 1998 KV_{12} 6 15.9 153°.92 3°.8/15.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	18 4.89	−14 44.7	2.131	2.965	13.0	18.8
5 21	17 59.41	−13 56.8	2.058	2.971	10.1	18.6
5 31	17 52.01	−13 12.1	2.007	2.977	7.0	18.4
6 10	17 43.35	−12 32.6	1.983	2.982	4.3	18.2
6 20	17 34.25	−12 0.3	1.986	2.987	4.2	18.2
6 30	17 25.60	−11 36.9	2.018	2.991	6.8	18.4
7 10	17 18.21	−11 23.1	2.075	2.995	9.9	18.6
7 20	17 12.66	−11 19.0	2.155	2.999	12.8	18.8

285057 2011 HW_{25} 6 15.9 7°.18 5°.2/15.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	18 2.07	−11 16.4	1.594	2.443	15.9	20.4
5 21	17 57.95	−10 54.2	1.524	2.444	12.6	20.2
5 31	17 51.42	−10 41.6	1.474	2.444	8.9	20.0
6 10	17 43.21	−10 40.7	1.448	2.445	5.9	19.8
6 20	17 34.33	−10 52.3	1.447	2.447	5.6	19.8
6 30	17 25.91	−11 16.5	1.471	2.449	8.4	20.0
7 10	17 19.01	−11 51.7	1.518	2.451	12.0	20.2
7 20	17 14.36	−12 35.7	1.586	2.454	15.4	20.4

497072 2003 UA_{352} 6 15.9 235°.46 0°.7/15.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	18 7.95	−21 21.2	1.849	2.691	14.4	22.5
5 21	18 2.44	−21 25.0	1.756	2.678	11.1	22.3
5 31	17 54.36	−21 29.8	1.685	2.664	7.1	22.0
6 10	17 44.38	−21 34.8	1.640	2.650	2.8	21.7
6 20	17 33.48	−21 39.0	1.621	2.635	2.0	21.6
6 30	17 22.85	−21 42.5	1.630	2.619	6.5	21.8
7 10	17 13.67	−21 46.1	1.664	2.602	10.8	22.1
7 20	17 6.79	−21 51.1	1.722	2.585	14.6	22.3

63387 Brazos Bend 6 15.9 252°.18 1°.7/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	18 8.58	−26 13.9	1.873	2.713	14.3	19.2
5 21	18 3.11	−26 42.6	1.774	2.695	11.1	19.0
5 31	17 54.91	−27 10.4	1.698	2.676	7.3	18.7
6 10	17 44.64	−27 34.4	1.648	2.656	3.2	18.4
6 20	17 33.28	−27 51.9	1.624	2.636	2.5	18.3
6 30	17 22.10	−28 1.8	1.628	2.616	6.7	18.6
7 10	17 12.37	−28 5.1	1.657	2.595	10.9	18.8
7 20	17 5.05	−28 4.3	1.709	2.573	14.7	18.9

237022 2008 SA_{36} 6 15.9 226°.80 1°.1/15.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	18 5.70	−25 50.5	2.024	2.865	13.3	21.5
5 21	18 0.49	−26 1.9	1.939	2.860	10.2	21.3
5 31	17 52.96	−26 11.2	1.876	2.854	6.6	21.0
6 10	17 43.80	−26 16.6	1.838	2.848	2.7	20.8
6 20	17 33.92	−26 17.0	1.828	2.841	2.0	20.7
6 30	17 24.40	−26 12.6	1.845	2.834	5.9	21.0
7 10	17 16.26	−26 4.6	1.889	2.827	9.7	21.2
7 20	17 10.25	−25 55.3	1.955	2.820	13.0	21.4

308537 2005 UD_{160} 6 15.9 203°.57 1°.3/15.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	18 1.89	−18 32.1	2.672	3.505	10.7	21.1
5 21	17 56.96	−18 33.0	2.585	3.501	8.2	21.0
5 31	17 50.41	−18 36.1	2.522	3.498	5.3	20.8
6 10	17 42.77	−18 41.2	2.486	3.494	2.3	20.6
6 20	17 34.66	−18 48.2	2.479	3.490	1.9	20.5
6 30	17 26.79	−18 56.9	2.500	3.486	4.8	20.7
7 10	17 19.87	−19 7.7	2.549	3.481	7.8	20.9
7 20	17 14.42	−19 20.6	2.622	3.477	10.5	21.1

327819 2006 VJ_{152} 6 15.9 222°.65 3°.5/16.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	18 9.14	−31 47.1	1.814	2.651	14.8	21.1
5 21	18 3.53	−32 10.7	1.730	2.645	11.6	20.9
5 31	17 55.11	−32 27.7	1.667	2.638	8.0	20.7
6 10	17 44.67	−32 34.4	1.629	2.632	4.5	20.5
6 20	17 33.32	−32 28.5	1.618	2.624	3.9	20.4
6 30	17 22.44	−32 10.1	1.633	2.617	7.1	20.6
7 10	17 13.28	−31 42.1	1.673	2.608	11.0	20.8
7 20	17 6.73	−31 9.0	1.736	2.600	14.5	21.0

263576 2008 FT_{82} 6 15.9 149°.19 2°.7/15.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 7.23	−16 43.7	1.899	2.736	14.2	22.1
5 21	18 1.44	−16 24.8	1.827	2.745	10.9	21.9
5 31	17 53.43	−16 9.4	1.779	2.753	7.2	21.7
6 10	17 43.93	−15 58.3	1.756	2.761	3.7	21.5
6 20	17 33.88	−15 51.9	1.760	2.768	3.3	21.5
6 30	17 24.35	−15 51.0	1.791	2.774	6.7	21.7
7 10	17 16.28	−15 55.9	1.849	2.780	10.3	21.9
7 20	17 10.33	−16 6.6	1.929	2.785	13.6	22.1

413412 2004 TG_{177} 6 15.9 209°.48 0°.8/15.9 14 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	18 8.89	−21 40.3	1.778	2.621	14.8	23.1
5 21	18 3.14	−21 35.5	1.693	2.615	11.4	22.8
5 31	17 54.77	−21 30.8	1.629	2.609	7.3	22.6
6 10	17 44.53	−21 25.5	1.591	2.602	2.9	22.3
6 20	17 33.45	−21 19.2	1.580	2.594	2.1	22.2
6 30	17 22.77	−21 12.6	1.596	2.585	6.7	22.5
7 10	17 13.67	−21 6.9	1.638	2.576	11.0	22.7
7 20	17 6.98	−21 3.9	1.702	2.566	14.7	22.9

80433 1999 XW_{233} 6 15.9 168°.81 5°.5/15.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	18 5.39	−12 3.7	1.692	2.533	15.5	19.5
5 21	18 0.29	−11 10.7	1.620	2.535	12.3	19.3
5 31	17 52.82	−10 24.0	1.570	2.536	8.8	19.1
6 10	17 43.74	− 9 46.7	1.544	2.538	6.0	18.9
6 20	17 34.03	− 9 21.4	1.543	2.539	5.9	18.9
6 30	17 24.82	− 9 10.0	1.569	2.540	8.7	19.1
7 10	17 17.15	− 9 12.6	1.618	2.540	12.1	19.3
7 20	17 11.71	− 9 27.8	1.689	2.540	15.4	19.5

293378 2007 EL_{28} 6 15.9 107°.27 7°.4/15.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	18 4.18	− 5 17.0	1.810	2.633	15.4	21.6
5 21	17 59.10	− 4 27.3	1.748	2.644	12.6	21.5
5 31	17 51.92	− 3 50.0	1.708	2.655	9.8	21.3
6 10	17 43.36	− 3 28.5	1.692	2.665	7.8	21.2
6 20	17 34.31	− 3 24.8	1.701	2.676	7.7	21.2
6 30	17 25.78	− 3 39.3	1.735	2.686	9.5	21.4
7 10	17 18.66	− 4 10.3	1.793	2.696	12.2	21.6
7 20	17 13.57	− 4 54.6	1.871	2.706	14.8	21.7

299813 2006 SG_{132} 6 15.9 178°.16 0°.3/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	18 3.69	−23 40.5	2.340	3.178	11.9	21.0
5 21	17 58.51	−23 21.5	2.258	3.178	9.0	20.8
5 31	17 51.46	−23 0.3	2.200	3.179	5.7	20.6
6 10	17 43.18	−22 37.0	2.169	3.179	2.2	20.3
6 20	17 34.43	−22 12.0	2.166	3.179	1.6	20.3
6 30	17 26.07	−21 46.5	2.191	3.179	5.2	20.5
7 10	17 18.90	−21 22.4	2.242	3.179	8.5	20.7
7 20	17 13.49	−21 1.1	2.318	3.178	11.4	20.9

170022 Douglastucker 6 15.9 143°.09 1°.1/15.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	18 3.50	−20 11.0	2.051	2.895	13.1	20.8
5 21	17 58.62	−20 9.4	1.974	2.896	10.0	20.6
5 31	17 51.67	−20 9.4	1.919	2.898	6.4	20.4
6 10	17 43.29	−20 10.5	1.890	2.899	2.6	20.2
6 20	17 34.35	−20 12.6	1.888	2.900	2.0	20.1
6 30	17 25.79	−20 16.0	1.913	2.902	5.8	20.4
7 10	17 18.53	−20 21.0	1.964	2.903	9.4	20.6
7 20	17 13.20	−20 28.4	2.039	2.904	12.6	20.8

224311 2005 UE_{22} 6 15.9 144°.82 1°.6/16.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	18 7.13	−27 5.1	1.818	2.662	14.5	21.8
5 21	18 1.73	−27 18.3	1.744	2.666	11.1	21.6
5 31	17 53.80	−27 28.2	1.692	2.670	7.2	21.4
6 10	17 44.13	−27 32.4	1.665	2.674	3.1	21.2
6 20	17 33.77	−27 29.8	1.664	2.677	2.4	21.1
6 30	17 23.94	−27 20.7	1.691	2.680	6.3	21.4
7 10	17 15.73	−27 7.1	1.743	2.683	10.3	21.6
7 20	17 9.91	−26 51.8	1.817	2.685	13.7	21.8

442551 2011 YO_{59} 6 15.9 221°.99 4°.0/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	18 1.24	− 8 32.5	2.754	3.568	10.9	21.8
5 21	17 56.40	− 8 30.8	2.665	3.562	8.7	21.7
5 31	17 50.04	− 8 36.9	2.599	3.555	6.4	21.5
6 10	17 42.65	− 8 51.7	2.561	3.548	4.5	21.4
6 20	17 34.79	− 9 15.5	2.550	3.541	4.3	21.4
6 30	17 27.14	− 9 47.8	2.567	3.534	6.0	21.5
7 10	17 20.34	−10 27.5	2.612	3.526	8.4	21.6
7 20	17 14.88	−11 13.2	2.681	3.519	10.8	21.8

107932 2001 FZ_{108} 6 15.9 222°.30 2°.4/16.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	18 6.35	−29 37.1	2.157	2.991	12.9	20.6
5 21	18 0.93	−29 55.3	2.070	2.985	10.0	20.4
5 31	17 53.24	−30 9.0	2.006	2.979	6.7	20.2
6 10	17 43.93	−30 15.8	1.967	2.972	3.4	20.0
6 20	17 33.91	−30 14.1	1.956	2.965	2.8	19.9
6 30	17 24.25	−30 4.1	1.973	2.958	5.9	20.1
7 10	17 15.95	−29 47.6	2.016	2.950	9.4	20.3
7 20	17 9.75	−29 27.4	2.082	2.942	12.5	20.5

253828 2003 YR_{76} 6 15.9 160°.38 0°.9/15.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 8.89	−25 6.4	1.889	2.729	14.2	21.8
5 21	18 2.94	−25 20.5	1.814	2.735	10.9	21.6
5 31	17 54.52	−25 32.8	1.762	2.740	7.0	21.3
6 10	17 44.40	−25 41.4	1.735	2.745	2.8	21.1
6 20	17 33.60	−25 45.0	1.735	2.749	2.0	21.0
6 30	17 23.31	−25 43.7	1.763	2.752	6.1	21.3
7 10	17 14.60	−25 38.9	1.817	2.755	10.1	21.5
7 20	17 8.22	−25 32.9	1.894	2.757	13.5	21.8

158010 2000 QU_{109} 6 15.9 226°.81 1°.8/15.7 18

5 11	18 5.16	−18 54.5	2.223	3.058	12.5	21.0
5 21	17 59.80	−18 37.8	2.130	3.048	9.6	20.8
5 31	17 52.42	−18 22.2	2.060	3.036	6.3	20.6
6 10	17 43.60	−18 8.3	2.017	3.025	2.9	20.3
6 20	17 34.14	−17 56.3	2.002	3.012	2.5	20.3
6 30	17 24.96	−17 47.3	2.015	3.000	5.9	20.5
7 10	17 16.95	−17 42.1	2.054	2.986	9.4	20.7
7 20	17 10.77	−17 41.3	2.117	2.972	12.6	20.8

460 Scania 6 15.9 268°.79 2°.3/15.6 18

5 11	18 3.39	−18 11.1	1.941	2.786	13.6	15.3
5 21	17 58.73	−17 48.4	1.853	2.776	10.5	15.0
5 31	17 51.85	−17 27.5	1.788	2.765	6.9	14.8
6 10	17 43.41	−17 9.2	1.747	2.754	3.4	14.5
6 20	17 34.28	−16 54.6	1.734	2.744	3.0	14.5
6 30	17 25.47	−16 44.6	1.747	2.733	6.6	14.7
7 10	17 17.96	−16 40.2	1.786	2.722	10.3	14.9
7 20	17 12.46	−16 42.0	1.847	2.711	13.7	15.1

330860 2009 QN_{30} 6 15.9 275°.47 6°.9/14.2 18

5 11	18 4.27	−11 7.7	1.647	2.490	15.8	20.2
5 21	17 59.62	− 9 40.4	1.565	2.479	12.7	20.0
5 31	17 52.52	− 8 17.1	1.506	2.468	9.5	19.8
6 10	17 43.69	− 7 3.2	1.470	2.457	7.1	19.6
6 20	17 34.10	− 6 3.4	1.460	2.446	7.4	19.6
6 30	17 24.92	− 5 21.8	1.475	2.435	10.1	19.7
7 10	17 17.23	− 4 59.9	1.513	2.424	13.5	19.9
7 20	17 11.79	− 4 56.8	1.571	2.413	16.8	20.1

214966 2007 YE_{61} 6 15.9 137°.64 1°.4/15.9 18

5 11	18 4.84	−26 15.8	2.393	3.227	11.8	20.8
5 21	17 59.45	−26 44.9	2.316	3.233	9.0	20.6
5 31	17 52.12	−27 12.4	2.263	3.239	5.8	20.4
6 10	17 43.47	−27 36.3	2.237	3.245	2.6	20.2
6 20	17 34.28	−27 55.0	2.239	3.251	2.0	20.1
6 30	17 25.43	−28 8.0	2.270	3.256	5.2	20.4
7 10	17 17.77	−28 16.1	2.327	3.261	8.3	20.6
7 20	17 11.91	−28 20.6	2.408	3.266	11.1	20.8

436187 2009 WE_{53} 6 15.9 212°.67 1°.9/16.1 18

5 11	18 7.86	−28 26.4	2.271	3.101	12.5	21.9
5 21	18 1.97	−28 41.7	2.180	3.093	9.6	21.7
5 31	17 53.86	−28 53.2	2.111	3.085	6.3	21.5
6 10	17 44.18	−28 58.8	2.070	3.076	3.0	21.2
6 20	17 33.78	−28 57.1	2.056	3.067	2.4	21.2
6 30	17 23.70	−28 48.1	2.071	3.056	5.7	21.4
7 10	17 14.92	−28 33.6	2.112	3.046	9.1	21.6
7 20	17 8.15	−28 16.0	2.178	3.034	12.2	21.7

50578 2000 EH_{41} 6 15.9 148°.97 1°.4/15.8 18

5 11	18 7.09	−19 47.2	1.916	2.756	14.0	19.7
5 21	18 1.41	−19 40.8	1.843	2.764	10.7	19.5
5 31	17 53.46	−19 36.0	1.793	2.771	6.9	19.3
6 10	17 43.99	−19 32.5	1.768	2.778	2.9	19.1
6 20	17 33.95	−19 30.3	1.771	2.784	2.3	19.0
6 30	17 24.40	−19 29.8	1.802	2.789	6.2	19.3
7 10	17 16.32	−19 31.8	1.858	2.795	10.0	19.5
7 20	17 10.39	−19 36.9	1.938	2.799	13.3	19.7

200300 2000 BK_{14} 6 15.9 172°.52 1°.0/15.9 18

5 11	18 4.71	−19 13.7	2.763	3.589	10.6	21.4
5 21	17 59.01	−19 19.9	2.680	3.593	8.1	21.2
5 31	17 51.69	−19 27.7	2.621	3.596	5.2	21.0
6 10	17 43.29	−19 36.8	2.591	3.599	2.2	20.8
6 20	17 34.44	−19 46.8	2.589	3.601	1.7	20.8
6 30	17 25.87	−19 57.5	2.617	3.603	4.7	21.0
7 10	17 18.28	−20 9.0	2.673	3.603	7.6	21.2
7 20	17 12.18	−20 21.8	2.754	3.603	10.2	21.3

301146 2008 XN_{53} 6 15.9 258°.42 4°.2/15.4 17

5 11	18 6.54	−16 6.9	1.443	2.298	17.0	21.0
5 21	18 1.85	−15 23.9	1.360	2.286	13.3	20.7
5 31	17 54.21	−14 43.9	1.296	2.273	9.1	20.5
6 10	17 44.42	−14 9.4	1.256	2.260	5.1	20.2
6 20	17 33.61	−13 42.8	1.241	2.247	4.9	20.1
6 30	17 23.19	−13 26.6	1.251	2.233	8.9	20.3
7 10	17 14.52	−13 22.0	1.283	2.220	13.5	20.6
7 20	17 8.54	−13 29.1	1.336	2.205	17.6	20.8

61692 2000 QE_{129} 6 15.9 107°.25 1°.2/16.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 6.91	−27 8.2	1.757	2.603	14.8	19.2
5 21	18 1.56	−27 2.7	1.686	2.609	11.3	19.0
5 31	17 53.68	−26 52.6	1.636	2.615	7.3	18.8
6 10	17 44.10	−26 36.4	1.612	2.621	3.0	18.5
6 20	17 33.90	−26 14.1	1.614	2.627	2.1	18.5
6 30	17 24.32	−25 46.9	1.643	2.633	6.3	18.8
7 10	17 16.43	−25 17.8	1.697	2.638	10.4	19.0
7 20	17 10.96	−24 49.7	1.773	2.644	13.9	19.2

188419 2004 FT_{45} 6 15.9 78°.72 3°.6/15.8 17

5 11	18 5.81	−14 52.9	1.565	2.414	16.1	20.4
5 21	18 0.72	−14 38.5	1.505	2.428	12.5	20.2
5 31	17 53.12	−14 30.8	1.466	2.442	8.4	19.9
6 10	17 43.88	−14 30.8	1.452	2.456	4.6	19.8
6 20	17 34.06	−14 38.6	1.462	2.469	4.1	19.8
6 30	17 24.89	−14 54.2	1.499	2.483	7.6	20.0
7 10	17 17.43	−15 16.8	1.560	2.496	11.5	20.3
7 20	17 12.36	−15 45.3	1.642	2.510	14.9	20.5

499535 2010 RJ_{83} 6 15.9 275°.73 0°.3/15.9 18

5 11	18 2.54	−22 17.0	2.350	3.190	11.8	22.0
5 21	17 57.85	−22 19.1	2.251	3.172	9.0	21.8
5 31	17 51.22	−22 21.3	2.175	3.154	5.8	21.5
6 10	17 43.18	−22 22.9	2.126	3.136	2.2	21.3
6 20	17 34.48	−22 23.5	2.104	3.118	1.6	21.2
6 30	17 25.98	−22 23.3	2.110	3.099	5.3	21.4
7 10	17 18.53	−22 22.9	2.143	3.081	8.8	21.6
7 20	17 12.80	−22 23.5	2.200	3.062	11.9	21.8

399944 2006 AS_{16} 6 15.9 258°.21 0°.1/15.9 16

5 11	18 3.14	−24 47.8	2.650	3.483	10.8	21.7
5 21	17 58.06	−24 32.4	2.547	3.465	8.3	21.5
5 31	17 51.22	−24 14.2	2.469	3.446	5.3	21.3
6 10	17 43.15	−23 52.9	2.418	3.428	2.0	21.0
6 20	17 34.53	−23 28.8	2.395	3.409	1.4	20.9
6 30	17 26.13	−23 2.8	2.401	3.389	4.8	21.2
7 10	17 18.73	−22 36.5	2.435	3.370	8.0	21.3
7 20	17 12.90	−22 11.7	2.493	3.350	10.9	21.5

19074 4236 $T\text{-}_3$ 6 15.9 29°.10 1°.1/15.9 18

5 11	18 2.97	−25 8.9	1.993	2.840	13.3	18.0
5 21	17 58.38	−25 33.9	1.921	2.845	10.1	17.8
5 31	17 51.59	−25 58.0	1.871	2.851	6.5	17.6
6 10	17 43.31	−26 19.1	1.847	2.857	2.7	17.4
6 20	17 34.43	−26 35.8	1.850	2.863	2.0	17.4
6 30	17 25.97	−26 47.6	1.880	2.869	5.7	17.6
7 10	17 18.88	−26 55.2	1.935	2.876	9.3	17.8
7 20	17 13.84	−27 0.0	2.013	2.883	12.5	18.1

309010 2006 UB_{82} 6 15.9 260°.58 5°.5/16.1 18

5 11	18 7.25	−37 54.3	2.266	3.082	12.9	20.8
5 21	18 1.87	−38 42.9	2.177	3.072	10.5	20.6
5 31	17 53.99	−39 23.3	2.111	3.062	7.9	20.4
6 10	17 44.29	−39 51.2	2.071	3.052	5.9	20.3
6 20	17 33.72	−40 3.4	2.056	3.042	5.7	20.2
6 30	17 23.47	−39 59.0	2.069	3.032	7.5	20.3
7 10	17 14.64	−39 40.3	2.106	3.021	10.1	20.5
7 20	17 8.08	−39 11.0	2.167	3.011	12.7	20.6

253764 2003 WS_{109} 6 15.9 221°.34 1°.7/16.0 17

5 11	18 8.74	−26 55.5	1.774	2.617	14.8	21.9
5 21	18 3.21	−27 13.3	1.689	2.610	11.4	21.6
5 31	17 54.93	−27 28.2	1.625	2.603	7.5	21.4
6 10	17 44.66	−27 37.6	1.587	2.595	3.3	21.1
6 20	17 33.48	−27 39.7	1.575	2.587	2.5	21.0
6 30	17 22.70	−27 34.4	1.590	2.578	6.7	21.3
7 10	17 13.55	−27 23.6	1.630	2.569	10.9	21.5
7 20	17 6.93	−27 10.1	1.692	2.559	14.6	21.7

163700 2003 FP_{49} 6 15.9 324°.80 3°.0/16.1 18

5 11	18 1.09	−16 6.4	1.089	1.970	19.4	19.0
5 21	17 58.66	−16 18.1	1.009	1.951	15.2	18.7
5 31	17 52.73	−16 40.8	0.947	1.932	10.2	18.4
6 10	17 44.04	−17 15.1	0.905	1.914	4.9	18.0
6 20	17 33.84	−17 59.8	0.885	1.897	3.9	17.9
6 30	17 23.89	−18 52.5	0.887	1.881	9.3	18.1
7 10	17 15.97	−19 50.3	0.909	1.867	15.0	18.4
7 20	17 11.35	−20 50.9	0.949	1.853	20.1	18.6

302845 2003 FO_{100} 6 15.9 45°.62 2°.7/15.8 16

5 11	18 1.83	−15 17.5	2.125	2.965	12.8	20.6
5 21	17 57.25	−15 13.9	2.050	2.968	9.9	20.4
5 31	17 50.76	−15 15.4	1.998	2.972	6.6	20.2
6 10	17 42.99	−15 22.4	1.971	2.975	3.5	20.0
6 20	17 34.70	−15 34.8	1.971	2.979	3.1	20.0
6 30	17 26.76	−15 52.4	1.999	2.983	6.0	20.1
7 10	17 20.01	−16 14.8	2.053	2.987	9.3	20.4
7 20	17 15.04	−16 41.3	2.129	2.990	12.3	20.6

461922 2006 SF_{29} 6 15.9 18°.52 3°.6/15.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 4.26	−18 16.4	1.300	2.167	17.7	20.9
5 21	18 0.12	−17 26.3	1.235	2.170	13.7	20.6
5 31	17 53.03	−16 37.8	1.191	2.172	9.1	20.4
6 10	17 43.93	−15 53.5	1.169	2.175	4.7	20.1
6 20	17 34.09	−15 16.4	1.170	2.179	4.4	20.1
6 30	17 24.94	−14 49.2	1.196	2.183	8.7	20.4
7 10	17 17.77	−14 33.7	1.244	2.187	13.2	20.6
7 20	17 13.36	−14 30.1	1.312	2.192	17.2	20.9

320708 2008 DG_{43} 6 15.9 126°.94 2°.0/15.9 17

5 11	18 9.98	−26 41.3	1.754	2.595	15.0	21.1
5 21	18 3.98	−27 15.3	1.687	2.607	11.5	20.9
5 31	17 55.29	−27 47.0	1.641	2.618	7.5	20.7
6 10	17 44.77	−28 13.2	1.621	2.629	3.4	20.5
6 20	17 33.53	−28 31.4	1.628	2.639	2.7	20.5
6 30	17 22.88	−28 41.0	1.662	2.649	6.6	20.7
7 10	17 13.99	−28 43.7	1.721	2.659	10.5	21.0
7 20	17 7.64	−28 42.0	1.803	2.668	14.0	21.2

253147 2002 VJ_{72} 6 15.9 175°.69 0°.9/15.9 17

5 11	18 8.37	−24 50.8	2.016	2.852	13.6	21.8
5 21	18 2.49	−25 11.6	1.936	2.855	10.4	21.6
5 31	17 54.25	−25 31.3	1.879	2.857	6.7	21.4
6 10	17 44.37	−25 47.8	1.848	2.858	2.7	21.1
6 20	17 33.79	−25 59.7	1.845	2.859	1.9	21.0
6 30	17 23.62	−26 6.5	1.870	2.859	5.9	21.3
7 10	17 14.89	−26 9.3	1.922	2.858	9.7	21.5
7 20	17 8.35	−26 9.8	1.996	2.857	13.0	21.7

315145 2007 EU_{169} 6 15.9 122°.92 3°.5/15.4 18

5 11	18 0.24	−12 40.6	2.602	3.431	11.1	21.0
5 21	17 55.67	−12 9.8	2.526	3.435	8.7	20.9
5 31	17 49.59	−11 43.6	2.474	3.439	6.1	20.7
6 10	17 42.52	−11 23.3	2.448	3.443	4.0	20.6
6 20	17 35.09	−11 10.0	2.450	3.447	3.8	20.6
6 30	17 27.96	−11 4.5	2.480	3.451	5.9	20.7
7 10	17 21.78	−11 6.9	2.536	3.455	8.4	20.9
7 20	17 17.02	−11 16.7	2.615	3.458	10.8	21.1

222558 2001 VS_{36} 6 15.9 214°.60 0°.3/15.9 18

5 11	18 6.32	−23 1.4	2.033	2.873	13.3	21.1
5 21	18 0.90	−22 53.5	1.947	2.868	10.2	20.9
5 31	17 53.24	−22 44.5	1.883	2.861	6.5	20.7
6 10	17 43.99	−22 33.6	1.845	2.855	2.5	20.4
6 20	17 34.07	−22 20.8	1.834	2.848	1.8	20.3
6 30	17 24.51	−22 6.9	1.851	2.840	5.9	20.6
7 10	17 16.32	−21 53.4	1.895	2.832	9.7	20.8
7 20	17 10.19	−21 42.1	1.961	2.824	13.1	21.0

497528 2006 BY_{194} 6 15.9 240°.38 4°.5/16.6 17

5 11	18 11.08	−33 55.9	1.477	2.321	17.2	21.6
5 21	18 5.65	−34 7.3	1.397	2.315	13.7	21.3
5 31	17 56.79	−34 7.7	1.337	2.308	9.6	21.1
6 10	17 45.46	−33 52.6	1.300	2.301	5.7	20.8
6 20	17 33.07	−33 19.8	1.288	2.294	4.9	20.8
6 30	17 21.35	−32 30.9	1.301	2.286	8.3	20.9
7 10	17 11.86	−31 31.4	1.338	2.279	12.7	21.2
7 20	17 5.58	−30 28.4	1.395	2.271	16.7	21.4

62627 2000 SH_{352} 6 15.9 144°.59 4°.9/15.9 18

5 11	18 9.05	−33 34.7	1.795	2.631	15.0	19.0
5 21	18 3.59	−34 29.8	1.721	2.633	11.9	18.8
5 31	17 55.25	−35 18.4	1.669	2.635	8.5	18.6
6 10	17 44.83	−35 55.5	1.641	2.636	5.6	18.4
6 20	17 33.49	−36 17.1	1.640	2.638	5.2	18.4
6 30	17 22.64	−36 22.3	1.664	2.640	7.8	18.6
7 10	17 13.57	−36 13.4	1.713	2.641	11.2	18.8
7 20	17 7.19	−35 54.8	1.784	2.643	14.4	19.0

239265 2007 GB_{18} 6 15.9 282°.71 4°.3/16.1 17

5 11	18 8.70	−30 59.7	1.316	2.175	18.1	20.7
5 21	18 4.35	−31 32.6	1.232	2.160	14.3	20.4
5 31	17 56.31	−31 59.4	1.168	2.145	9.8	20.1
6 10	17 45.41	−32 14.9	1.125	2.130	5.5	19.8
6 20	17 33.04	−32 14.8	1.106	2.114	4.8	19.8
6 30	17 21.10	−31 58.3	1.111	2.099	9.0	19.9
7 10	17 11.39	−31 29.3	1.138	2.084	13.9	20.2
7 20	17 5.13	−30 53.6	1.185	2.069	18.4	20.4

39972 1998 HT 6 15.9 318°.24 3°.2/15.8 17

5 11	18 1.38	−16 30.6	1.500	2.362	16.1	18.6
5 21	17 57.95	−16 18.1	1.410	2.342	12.5	18.3
5 31	17 51.80	−16 10.9	1.341	2.321	8.4	18.0
6 10	17 43.59	−16 10.2	1.295	2.302	4.3	17.8
6 20	17 34.32	−16 16.6	1.273	2.283	3.8	17.7
6 30	17 25.30	−16 30.4	1.276	2.264	8.0	17.9
7 10	17 17.81	−16 51.6	1.301	2.247	12.5	18.1
7 20	17 12.81	−17 19.5	1.347	2.230	16.7	18.3

102452 1999 TV_{217} 6 15.9 264°.31 2°.1/15.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 6.94	−19 6.6	1.771	2.616	14.8	20.7
5 21	18 1.88	−18 49.3	1.670	2.593	11.5	20.4
5 31	17 54.17	−18 33.4	1.592	2.570	7.6	20.1
6 10	17 44.47	−18 19.2	1.538	2.546	3.4	19.8
6 20	17 33.72	−18 7.2	1.510	2.521	2.9	19.7
6 30	17 23.15	−17 58.5	1.509	2.496	7.2	19.9
7 10	17 13.98	−17 54.4	1.533	2.470	11.6	20.1
7 20	17 7.14	−17 55.9	1.579	2.444	15.6	20.3

277230 2005 QX_{176} 6 15.9 288°.47 0°.1/15.9 17

5 11	18 5.35	−22 23.7	1.600	2.455	15.6	20.8
5 21	18 0.95	−22 41.1	1.509	2.438	12.0	20.6
5 31	17 53.71	−23 0.3	1.440	2.422	7.8	20.3
6 10	17 44.32	−23 19.7	1.394	2.405	3.0	19.9
6 20	17 33.82	−23 37.4	1.374	2.388	2.1	19.8
6 30	17 23.56	−23 52.5	1.379	2.371	7.1	20.1
7 10	17 14.90	−24 5.6	1.409	2.354	11.8	20.3
7 20	17 8.80	−24 17.8	1.460	2.338	15.9	20.5

137940 2000 BQ_{37} 6 15.9 288°.23 0°.6/15.9 18

5 11	18 5.78	−24 52.7	1.536	2.393	16.0	20.4
5 21	18 1.42	−24 54.8	1.444	2.374	12.4	20.1
5 31	17 54.08	−24 54.7	1.374	2.356	8.0	19.8
6 10	17 44.47	−24 50.9	1.326	2.337	3.2	19.5
6 20	17 33.72	−24 42.2	1.304	2.318	2.2	19.4
6 30	17 23.27	−24 29.1	1.308	2.300	7.3	19.6
7 10	17 14.54	−24 13.9	1.334	2.281	12.2	19.8
7 20	17 8.53	−23 59.4	1.382	2.263	16.5	20.1

105797 2000 SD_{124} 6 15.9 275°.45 0°.7/15.9 18

5 11	18 2.48	−20 54.0	2.246	3.087	12.2	19.6
5 21	17 57.85	−21 0.1	2.155	3.077	9.3	19.4
5 31	17 51.24	−21 7.6	2.088	3.067	6.0	19.2
6 10	17 43.24	−21 15.8	2.047	3.057	2.4	18.9
6 20	17 34.61	−21 24.3	2.033	3.047	1.7	18.9
6 30	17 26.23	−21 32.8	2.047	3.036	5.4	19.1
7 10	17 18.96	−21 41.8	2.088	3.026	8.9	19.3
7 20	17 13.47	−21 51.7	2.152	3.016	12.0	19.5

447412 2006 BP_{192} 6 15.9 264°.44 6°.9/16.9 17

5 11	18 12.94	−48 34.7	3.030	3.785	11.4	22.1
5 21	18 5.94	−49 5.4	2.919	3.757	9.8	21.9
5 31	17 56.48	−49 23.5	2.831	3.728	8.3	21.8
6 10	17 45.26	−49 24.5	2.767	3.699	7.2	21.7
6 20	17 33.23	−49 5.6	2.729	3.670	7.0	21.6
6 30	17 21.52	−48 26.5	2.719	3.639	7.9	21.6
7 10	17 11.23	−47 29.9	2.734	3.609	9.5	21.7
7 20	17 3.16	−46 20.4	2.774	3.577	11.3	21.8

300034 2006 UN_{113} 6 15.9 144°.63 3°.0/15.5 17

5 11	18 2.30	−15 29.8	2.330	3.165	12.0	21.6
5 21	17 57.42	−15 0.4	2.254	3.169	9.3	21.4
5 31	17 50.80	−14 34.3	2.201	3.173	6.3	21.2
6 10	17 43.03	−14 12.6	2.174	3.176	3.6	21.0
6 20	17 34.83	−13 56.3	2.175	3.180	3.4	21.0
6 30	17 26.99	−13 46.5	2.204	3.183	6.0	21.2
7 10	17 20.25	−13 43.6	2.259	3.186	8.9	21.4
7 20	17 15.16	−13 47.4	2.338	3.189	11.7	21.6

243608 1998 XE_{23} 6 15.9 62°.55 1°.1/15.8 17

5 11	18 7.95	−23 9.7	1.235	2.102	18.5	20.3
5 21	18 3.04	−22 37.2	1.178	2.113	14.1	20.1
5 31	17 54.92	−22 2.0	1.140	2.124	9.0	19.8
6 10	17 44.68	−21 24.9	1.125	2.135	3.5	19.5
6 20	17 33.76	−20 47.3	1.133	2.147	2.6	19.5
6 30	17 23.77	−20 12.4	1.166	2.159	8.0	19.9
7 10	17 16.05	−19 43.2	1.222	2.171	12.9	20.2
7 20	17 11.38	−19 22.1	1.298	2.183	17.1	20.5

144958 2005 EV_{50} 6 15.9 4°.77 6°.2/15.4 18

5 11	18 2.80	−12 10.3	1.282	2.146	18.2	19.6
5 21	17 59.05	−11 22.4	1.218	2.146	14.4	19.4
5 31	17 52.42	−10 43.4	1.172	2.146	10.3	19.2
6 10	17 43.78	−10 16.9	1.149	2.146	6.9	19.0
6 20	17 34.32	−10 5.9	1.148	2.148	6.7	19.0
6 30	17 25.46	−10 11.6	1.171	2.149	9.9	19.1
7 10	17 18.47	−10 33.1	1.215	2.152	14.0	19.4
7 20	17 14.18	−11 7.8	1.278	2.155	17.8	19.6

434656 2005 YR_{90} 6 15.9 268°.12 4°.2/15.8 17

5 11	18 4.83	−12 12.1	1.913	2.749	14.2	21.2
5 21	18 0.00	−12 2.8	1.815	2.728	11.3	21.0
5 31	17 52.85	−12 1.4	1.739	2.707	7.9	20.7
6 10	17 43.95	−12 9.2	1.687	2.686	4.9	20.5
6 20	17 34.15	−12 26.7	1.662	2.664	4.6	20.4
6 30	17 24.50	−12 53.8	1.664	2.642	7.5	20.6
7 10	17 16.06	−13 29.7	1.691	2.620	11.2	20.7
7 20	17 9.63	−14 12.8	1.740	2.597	14.7	20.9

140918 2001 VZ_{62} 6 15.9 39°.33 1°.4/15.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 4.14	−23 0.8	1.710	2.563	14.8	18.3
5 21	17 59.23	−22 8.4	1.652	2.581	11.2	18.1
5 31	17 52.07	−21 13.3	1.617	2.599	7.1	17.9
6 10	17 43.51	−20 17.1	1.607	2.617	2.9	17.7
6 20	17 34.58	−19 22.3	1.623	2.636	2.4	17.7
6 30	17 26.39	−18 32.0	1.666	2.655	6.4	18.0
7 10	17 19.83	−17 49.0	1.734	2.675	10.3	18.3
7 20	17 15.50	−17 14.9	1.825	2.695	13.6	18.5

41338 1999 YF_{4} 6 15.9 256°.31 0°.1/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	18 5.38	−21 35.9	1.898	2.743	13.9	19.0
5 21	18 0.44	−22 0.4	1.813	2.736	10.7	18.8
5 31	17 53.10	−22 27.3	1.750	2.730	6.8	18.5
6 10	17 44.02	−22 54.8	1.712	2.723	2.6	18.2
6 20	17 34.13	−23 21.2	1.701	2.715	1.8	18.1
6 30	17 24.54	−23 45.4	1.718	2.708	6.1	18.4
7 10	17 16.32	−24 7.3	1.760	2.701	10.1	18.6
7 20	17 10.28	−24 27.7	1.825	2.694	13.7	18.8

300914 2008 CS_{3} 6 15.9 225°.55 6°.7/16.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	18 10.68	−45 19.3	2.660	3.439	12.2	21.4
5 21	18 4.29	−45 57.2	2.571	3.430	10.3	21.3
5 31	17 55.45	−46 23.0	2.503	3.421	8.4	21.1
6 10	17 44.88	−46 32.3	2.460	3.411	7.1	21.0
6 20	17 33.57	−46 22.5	2.443	3.400	6.8	21.0
6 30	17 22.68	−45 53.4	2.453	3.390	7.9	21.1
7 10	17 13.29	−45 8.1	2.489	3.378	9.7	21.2
7 20	17 6.17	−44 11.1	2.547	3.367	11.8	21.3

355697 2008 FC_{42} 6 15.9 177°.69 3°.7/15.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	18 1.43	−12 14.2	2.541	3.368	11.4	21.4
5 21	17 56.64	−11 45.8	2.461	3.369	8.9	21.2
5 31	17 50.27	−11 22.4	2.405	3.369	6.3	21.0
6 10	17 42.84	−11 5.3	2.375	3.370	4.1	20.9
6 20	17 34.99	−10 55.7	2.373	3.370	4.0	20.9
6 30	17 27.44	−10 54.1	2.399	3.370	6.1	21.0
7 10	17 20.87	−11 0.5	2.451	3.370	8.7	21.2
7 20	17 15.76	−11 14.4	2.527	3.369	11.2	21.3

440655 2005 WQ_{207} 6 15.9 315°.90 1°.6/15.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	18 5.42	−23 46.1	2.069	2.910	13.1	20.3
5 21	18 0.09	−22 29.1	1.976	2.898	10.0	20.0
5 31	17 52.64	−21 5.2	1.908	2.887	6.5	19.8
6 10	17 43.78	−19 36.7	1.866	2.875	2.8	19.5
6 20	17 34.37	−18 7.0	1.853	2.865	2.5	19.5
6 30	17 25.43	−16 40.5	1.869	2.854	6.3	19.7
7 10	17 17.85	−15 21.6	1.912	2.844	10.0	19.9
7 20	17 12.27	−14 13.5	1.979	2.834	13.3	20.1

443489 2014 JC_{22} 6 15.9 8°.07 3°.6/16.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	18 1.86	−11 41.3	2.019	2.856	13.5	21.2
5 21	17 57.42	−11 52.0	1.942	2.856	10.6	21.0
5 31	17 50.99	−12 11.8	1.888	2.857	7.3	20.8
6 10	17 43.17	−12 40.9	1.859	2.859	4.4	20.6
6 20	17 34.77	−13 18.7	1.857	2.860	4.0	20.6
6 30	17 26.69	−14 3.9	1.881	2.862	6.6	20.8
7 10	17 19.81	−14 54.7	1.932	2.865	9.9	21.0
7 20	17 14.76	−15 49.2	2.005	2.867	12.9	21.2

214398 2005 NX_{20} 6 15.9 350°.07 6°.3/16.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	18 1.79	−33 57.1	1.118	1.993	19.4	19.4
5 21	17 59.46	−34 41.3	1.050	1.984	15.5	19.1
5 31	17 53.31	−35 15.4	1.000	1.977	11.2	18.9
6 10	17 44.29	−35 33.1	0.970	1.970	7.3	18.6
6 20	17 33.98	−35 29.7	0.962	1.965	6.6	18.6
6 30	17 24.36	−35 5.3	0.975	1.962	10.1	18.8
7 10	17 17.26	−34 24.8	1.008	1.960	14.6	19.0
7 20	17 13.78	−33 35.4	1.059	1.960	18.8	19.2

353519 2011 SS_{123} 6 15.9 176°.74 0°.3/15.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	18 2.96	−22 31.4	2.324	3.163	11.9	21.7
5 21	17 58.07	−22 29.0	2.243	3.164	9.0	21.5
5 31	17 51.30	−22 26.2	2.185	3.164	5.8	21.3
6 10	17 43.28	−22 22.5	2.154	3.164	2.2	21.0
6 20	17 34.74	−22 17.8	2.151	3.164	1.5	21.0
6 30	17 26.55	−22 12.4	2.175	3.164	5.1	21.2
7 10	17 19.51	−22 7.3	2.227	3.164	8.5	21.4
7 20	17 14.21	−22 3.6	2.302	3.164	11.4	21.6

393675 2004 RS_{187} 6 15.9 321°.18 8°.6/13.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	17 59.00	− 4 17.3	1.881	2.709	14.7	20.5
5 21	17 55.48	− 2 57.2	1.792	2.686	12.4	20.3
5 31	17 49.90	− 1 46.3	1.724	2.664	10.2	20.1
6 10	17 42.82	− 0 49.7	1.679	2.643	8.7	19.9
6 20	17 35.02	− 0 12.0	1.659	2.622	9.0	19.9
6 30	17 27.44	+ 0 4.0	1.663	2.601	10.8	20.0
7 10	17 21.00	− 0 1.7	1.689	2.581	13.4	20.1
7 20	17 16.41	− 0 27.3	1.735	2.562	16.1	20.2

310168 2011 SG 6 15.9 314°.02 0°.7/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 3.12	−21 56.1	1.990	2.837	13.3	21.0
5 21	17 58.51	−21 49.1	1.909	2.833	10.2	20.8
5 31	17 51.74	−21 42.0	1.850	2.830	6.5	20.6
6 10	17 43.48	−21 34.5	1.817	2.827	2.5	20.3
6 20	17 34.60	−21 26.6	1.811	2.824	1.8	20.3
6 30	17 26.11	−21 19.0	1.832	2.822	5.8	20.5
7 10	17 18.94	−21 12.7	1.878	2.819	9.6	20.8
7 20	17 13.76	−21 8.9	1.947	2.816	12.9	21.0

26266 Andrewmerrill 6 15.9 32°.41 3°.9/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	18 4.32	−16 57.2	1.393	2.255	17.1	18.3
5 21	18 0.00	−16 13.3	1.329	2.259	13.2	18.1
5 31	17 52.91	−15 32.8	1.285	2.264	8.8	17.8
6 10	17 43.96	−14 58.0	1.264	2.269	4.8	17.6
6 20	17 34.32	−14 31.4	1.268	2.275	4.5	17.6
6 30	17 25.33	−14 14.8	1.296	2.281	8.4	17.8
7 10	17 18.19	−14 9.3	1.347	2.287	12.6	18.1
7 20	17 13.65	−14 14.4	1.418	2.294	16.4	18.3

311910 2007 AB_{18} 6 15.9 253°.65 1°.4/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	18 3.04	−17 47.8	2.519	3.351	11.3	21.0
5 21	17 58.11	−17 58.4	2.420	3.336	8.7	20.8
5 31	17 51.37	−18 12.4	2.346	3.321	5.7	20.6
6 10	17 43.35	−18 29.5	2.298	3.305	2.5	20.4
6 20	17 34.70	−18 49.1	2.278	3.289	2.0	20.3
6 30	17 26.21	−19 10.8	2.287	3.273	5.2	20.5
7 10	17 18.66	−19 34.1	2.323	3.257	8.4	20.7
7 20	17 12.67	−19 59.1	2.384	3.240	11.3	20.8

49197 1998 SC_{104} 6 15.9 343°.62 1°.2/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	18 1.02	−20 18.4	1.180	2.060	18.3	18.4
5 21	17 58.28	−20 25.5	1.108	2.050	14.1	18.1
5 31	17 52.29	−20 36.8	1.054	2.041	9.1	17.8
6 10	17 43.88	−20 51.4	1.022	2.033	3.7	17.4
6 20	17 34.32	−21 8.2	1.012	2.026	2.7	17.3
6 30	17 25.26	−21 26.5	1.025	2.020	8.3	17.7
7 10	17 18.21	−21 46.4	1.059	2.015	13.5	17.9
7 20	17 14.22	−22 8.0	1.112	2.012	18.1	18.2

328196 2008 EQ_{16} 6 15.9 108°.70 3°.9/15.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	18 5.45	−15 4.9	1.621	2.470	15.7	21.4
5 21	18 0.52	−14 36.7	1.552	2.475	12.2	21.2
5 31	17 53.12	−14 13.9	1.505	2.480	8.3	20.9
6 10	17 44.03	−13 58.0	1.482	2.484	4.7	20.7
6 20	17 34.30	−13 50.4	1.484	2.489	4.4	20.7
6 30	17 25.11	−13 51.7	1.512	2.494	7.7	20.9
7 10	17 17.53	−14 2.1	1.564	2.499	11.6	21.2
7 20	17 12.29	−14 20.6	1.637	2.503	15.1	21.4

510813 2013 BQ_{41} 6 15.9 243°.61 3°.1/15.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	18 2.08	−13 39.4	2.330	3.162	12.1	21.8
5 21	17 57.40	−13 33.0	2.243	3.156	9.4	21.6
5 31	17 50.91	−13 32.1	2.180	3.150	6.5	21.4
6 10	17 43.16	−13 37.4	2.142	3.143	3.8	21.2
6 20	17 34.87	−13 49.2	2.132	3.136	3.5	21.2
6 30	17 26.83	−14 7.5	2.150	3.130	6.0	21.3
7 10	17 19.82	−14 31.5	2.194	3.123	9.1	21.5
7 20	17 14.44	−15 0.7	2.262	3.116	11.9	21.7

304655 2006 WL_{26} 6 15.9 232°.98 2°.4/16.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	18 4.96	−30 11.8	2.385	3.216	11.9	21.5
5 21	17 59.76	−30 31.1	2.296	3.209	9.2	21.4
5 31	17 52.50	−30 45.9	2.230	3.202	6.2	21.2
6 10	17 43.79	−30 54.2	2.191	3.195	3.3	20.9
6 20	17 34.44	−30 54.4	2.179	3.187	2.8	20.9
6 30	17 25.41	−30 46.6	2.196	3.180	5.5	21.1
7 10	17 17.57	−30 32.3	2.238	3.172	8.7	21.2
7 20	17 11.62	−30 14.0	2.305	3.164	11.6	21.4

221027 2005 QU_{31} 6 15.9 305°.06 5°.0/15.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	18 2.75	−14 3.3	1.468	2.326	16.6	20.2
5 21	17 58.98	−13 22.8	1.383	2.309	13.1	19.9
5 31	17 52.46	−12 47.5	1.317	2.292	9.2	19.6
6 10	17 43.89	−12 20.6	1.275	2.276	5.7	19.4
6 20	17 34.34	−12 4.5	1.256	2.260	5.5	19.3
6 30	17 25.09	−12 1.1	1.262	2.244	9.1	19.5
7 10	17 17.43	−12 10.8	1.291	2.228	13.3	19.7
7 20	17 12.28	−12 32.6	1.339	2.213	17.3	19.9

98339 2000 SG_{296} 6 15.9 156°.44 2°.2/15.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 11	18 9.24	−20 23.5	1.805	2.645	14.7	19.6
5 21	18 3.14	−19 36.0	1.732	2.652	11.3	19.4
5 31	17 54.65	−18 47.1	1.681	2.658	7.3	19.2
6 10	17 44.58	−17 58.4	1.656	2.664	3.4	19.0
6 20	17 33.97	−17 12.1	1.659	2.669	3.0	18.9
6 30	17 23.97	−16 30.7	1.689	2.673	6.9	19.2
7 10	17 15.59	−15 56.8	1.745	2.677	10.8	19.4
7 20	17 9.51	−15 31.8	1.824	2.680	14.2	19.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
235215 2003 SL_{217}			6 15.9 165°.86		3°.1/16.1 17	
	h m	° ′			°	m
5 11	18 6.73	−30 41.8	1.994	2.830	13.7	20.8
5 21	18 1.46	−31 13.1	1.916	2.831	10.6	20.6
5 31	17 53.73	−31 39.4	1.860	2.832	7.2	20.4
6 10	17 44.29	−31 57.5	1.830	2.833	4.0	20.2
6 20	17 34.13	−32 5.4	1.827	2.834	3.5	20.2
6 30	17 24.39	−32 2.7	1.851	2.834	6.4	20.4
7 10	17 16.17	−31 51.5	1.900	2.835	9.9	20.6
7 20	17 10.22	−31 34.6	1.972	2.835	13.0	20.8
251298 2006 XY_{38}			6 15.9 194°.72		3°.0/16.7 18	
5 11	18 6.45	−34 36.3	2.497	3.316	11.8	20.4
5 21	18 0.70	−34 26.1	2.412	3.315	9.3	20.2
5 31	17 52.96	−34 7.2	2.350	3.314	6.4	20.0
6 10	17 43.91	−33 37.8	2.314	3.313	3.8	19.9
6 20	17 34.42	−32 57.8	2.307	3.311	3.2	19.8
6 30	17 25.40	−32 8.7	2.328	3.310	5.5	20.0
7 10	17 17.70	−31 13.8	2.376	3.308	8.3	20.2
7 20	17 11.91	−30 16.6	2.449	3.306	11.0	20.3
498469 2008 CB_{43}			6 15.9 219°.80		1°.4/16.0 17	
5 11	18 9.09	−26 15.2	1.917	2.755	14.1	22.4
5 21	18 3.36	−26 35.2	1.828	2.747	10.9	22.2
5 31	17 55.04	−26 53.1	1.761	2.738	7.1	21.9
6 10	17 44.84	−27 6.7	1.720	2.728	3.0	21.7
6 20	17 33.74	−27 13.8	1.705	2.718	2.3	21.6
6 30	17 22.97	−27 14.3	1.719	2.707	6.3	21.8
7 10	17 13.69	−27 9.6	1.758	2.696	10.4	22.0
7 20	17 6.75	−27 2.0	1.821	2.684	13.9	22.2
343402 2010 CV_{170}			6 15.9 266°.38		3°.3/16.3 17	
5 11	18 6.52	−31 36.7	1.902	2.741	14.2	21.3
5 21	18 1.45	−31 57.0	1.820	2.737	11.1	21.1
5 31	17 53.80	−32 10.9	1.760	2.732	7.6	20.9
6 10	17 44.34	−32 15.4	1.725	2.728	4.3	20.6
6 20	17 34.10	−32 8.5	1.716	2.723	3.7	20.6
6 30	17 24.30	−31 50.7	1.734	2.718	6.7	20.8
7 10	17 16.10	−31 24.5	1.777	2.714	10.3	21.0
7 20	17 10.28	−30 53.7	1.842	2.709	13.6	21.2
313100 2000 WS_{46}			6 15.9 229°.46		2°.0/15.7 18	
5 11	18 1.99	−16 56.6	2.987	3.813	9.9	22.2
5 21	17 56.97	−16 39.5	2.888	3.800	7.6	22.0
5 31	17 50.49	−16 24.3	2.814	3.786	5.1	21.9
6 10	17 42.98	−16 11.4	2.767	3.772	2.6	21.7
6 20	17 35.03	−16 1.4	2.750	3.757	2.4	21.6
6 30	17 27.26	−15 54.8	2.761	3.742	4.8	21.8
7 10	17 20.29	−15 52.2	2.800	3.726	7.5	21.9
7 20	17 14.63	−15 53.7	2.865	3.710	9.9	22.1
475828 2007 BU_{3}			6 15.9 181°.58		5°.6/17.7 18	
5 11	18 11.71	−44 47.3	2.879	3.654	11.5	21.8
5 21	18 4.58	−44 50.4	2.794	3.655	9.6	21.7
5 31	17 55.36	−44 40.5	2.731	3.655	7.6	21.5
6 10	17 44.80	−44 14.5	2.694	3.655	6.0	21.4
6 20	17 33.85	−43 31.5	2.685	3.654	5.6	21.4
6 30	17 23.52	−42 32.8	2.704	3.653	6.7	21.5
7 10	17 14.67	−41 22.0	2.751	3.652	8.5	21.6
7 20	17 7.91	−40 4.1	2.822	3.650	10.5	21.7
75251 1999 XN_{3}			6 15.9 55°.94		0°.7/15.9 18	
5 11	18 8.01	−21 43.5	1.371	2.231	17.4	18.1
5 21	18 3.06	−22 32.8	1.311	2.243	13.3	17.9
5 31	17 55.02	−23 25.9	1.272	2.255	8.5	17.7
6 10	17 44.83	−24 19.1	1.257	2.268	3.3	17.4
6 20	17 33.79	−25 8.4	1.266	2.280	2.3	17.4
6 30	17 23.42	−25 51.2	1.301	2.293	7.4	17.7
7 10	17 15.09	−26 27.2	1.360	2.307	12.0	18.0
7 20	17 9.67	−26 57.5	1.440	2.320	16.0	18.3
260333 2004 TJ_{217}			6 15.9 333°.13		5°.9/14.9 18	
5 11	17 59.10	−10 33.0	1.840	2.685	14.3	20.4
5 21	17 55.58	− 9 38.5	1.756	2.671	11.5	20.2
5 31	17 49.95	− 8 50.4	1.694	2.658	8.5	20.0
6 10	17 42.86	− 8 12.2	1.655	2.645	6.2	19.8
6 20	17 35.11	− 7 46.8	1.642	2.633	6.2	19.8
6 30	17 27.66	− 7 36.0	1.654	2.622	8.6	19.9
7 10	17 21.43	− 7 40.1	1.690	2.611	11.8	20.0
7 20	17 17.12	− 7 57.9	1.746	2.601	14.8	20.2
189609 2000 XX_{39}			6 15.9 206°.26		6°.2/17.1 18	
5 11	18 13.05	−42 41.2	2.364	3.155	13.2	19.6
5 21	18 6.18	−43 3.8	2.276	3.150	10.9	19.5
5 31	17 56.69	−43 13.4	2.210	3.144	8.6	19.3
6 10	17 45.41	−43 5.7	2.169	3.137	6.7	19.2
6 20	17 33.42	−42 38.4	2.155	3.130	6.3	19.1
6 30	17 21.99	−41 52.4	2.168	3.122	7.7	19.2
7 10	17 12.27	−40 51.4	2.207	3.114	10.0	19.3
7 20	17 5.01	−39 41.3	2.270	3.105	12.5	19.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
100972 1998 QP_{22}			6 15.9 276°.28		0°.7/15.9 18	
	h m	° ′			°	m
5 11	18 6.82	−24 3.8	1.648	2.499	15.4	19.7
5 21	18 2.13	−24 21.2	1.553	2.480	11.9	19.4
5 31	17 54.55	−24 38.8	1.479	2.460	7.7	19.2
6 10	17 44.75	−24 54.4	1.429	2.439	3.1	18.8
6 20	17 33.78	−25 6.2	1.405	2.419	2.1	18.7
6 30	17 23.02	−25 13.4	1.407	2.398	7.1	19.0
7 10	17 13.82	−25 17.0	1.434	2.378	11.8	19.2
7 20	17 7.21	−25 18.9	1.482	2.357	15.9	19.4
67668 2000 SU_{274}			6 15.9 265°.52		4°.4/15.5 18	
5 11	18 5.63	−14 41.5	1.532	2.383	16.4	20.0
5 21	18 1.07	−14 6.4	1.447	2.370	12.9	19.7
5 31	17 53.74	−13 36.3	1.382	2.357	8.9	19.5
6 10	17 44.39	−13 13.5	1.341	2.343	5.3	19.2
6 20	17 34.06	−12 59.9	1.324	2.329	5.0	19.2
6 30	17 24.07	−12 57.1	1.333	2.315	8.6	19.3
7 10	17 15.69	−13 5.6	1.366	2.301	12.9	19.5
7 20	17 9.81	−13 24.6	1.419	2.287	16.9	19.8
171738 2000 WB_{110}			6 15.9 207°.93		1°.7/16.2 17	
5 11	18 9.33	−28 7.0	1.664	2.509	15.6	20.7
5 21	18 3.79	−28 5.8	1.584	2.506	12.0	20.4
5 31	17 55.39	−27 59.1	1.525	2.503	7.9	20.2
6 10	17 44.97	−27 44.7	1.490	2.499	3.5	19.9
6 20	17 33.71	−27 21.7	1.482	2.494	2.5	19.8
6 30	17 23.00	−26 51.6	1.500	2.490	6.9	20.1
7 10	17 14.11	−26 17.7	1.543	2.485	11.2	20.3
7 20	17 7.88	−25 43.8	1.608	2.479	15.0	20.5
246979 1999 TA_{230}			6 15.9 275°.59		5°.8/14.4 18	
5 11	18 1.33	− 7 31.5	2.483	3.300	11.9	21.0
5 21	17 56.77	− 6 30.5	2.384	3.278	9.7	20.8
5 31	17 50.50	− 5 35.2	2.307	3.255	7.6	20.6
6 10	17 43.04	− 4 48.7	2.257	3.232	6.0	20.5
6 20	17 35.00	− 4 13.6	2.234	3.209	6.2	20.5
6 30	17 27.13	− 3 51.9	2.238	3.185	7.9	20.5
7 10	17 20.15	− 3 44.3	2.267	3.161	10.3	20.6
7 20	17 14.65	− 3 50.1	2.318	3.137	12.8	20.8
90749 1993 QZ_{7}			6 15.9 218°.52		5°.6/16.6 18	
5 11	18 7.98	−42 36.8	2.898	3.686	11.1	20.6
5 21	18 1.99	−43 11.2	2.809	3.679	9.2	20.5
5 31	17 53.89	−43 35.5	2.742	3.671	7.3	20.3
6 10	17 44.33	−43 46.5	2.701	3.663	5.9	20.2
6 20	17 34.14	−43 42.0	2.687	3.655	5.6	20.2
6 30	17 24.29	−43 21.8	2.700	3.646	6.8	20.3
7 10	17 15.69	−42 48.3	2.739	3.637	8.7	20.4
7 20	17 9.01	−42 5.1	2.802	3.627	10.7	20.5
412033 2013 CV_{117}			6 15.9 39°.76		0°.9/16.0 16	
5 11	18 7.39	−19 46.5	1.244	2.110	18.4	21.1
5 21	18 2.91	−20 10.0	1.178	2.113	14.2	20.9
5 31	17 55.12	−20 38.9	1.132	2.116	9.1	20.6
6 10	17 44.94	−21 11.3	1.108	2.119	3.6	20.3
6 20	17 33.73	−21 44.6	1.108	2.122	2.5	20.2
6 30	17 23.15	−22 16.9	1.132	2.125	8.0	20.6
7 10	17 14.70	−22 47.7	1.179	2.129	13.1	20.9
7 20	17 9.35	−23 17.5	1.245	2.133	17.5	21.1
287227 2002 TD_{16}			6 15.9 254°.97		0°.2/15.9 18	
5 11	18 7.54	−23 51.4	1.817	2.662	14.5	22.0
5 21	18 2.34	−23 52.0	1.721	2.644	11.2	21.8
5 31	17 54.49	−23 51.4	1.647	2.627	7.2	21.5
6 10	17 44.68	−23 48.1	1.598	2.609	2.8	21.2
6 20	17 33.89	−23 41.5	1.576	2.590	1.9	21.1
6 30	17 23.36	−23 31.8	1.580	2.571	6.6	21.3
7 10	17 14.30	−23 20.9	1.610	2.551	10.9	21.6
7 20	17 7.59	−23 10.7	1.663	2.531	14.8	21.7
201638 2003 SO_{311}			6 15.9 282°.10		3°.2/16.1 18	
5 11	18 6.21	−30 26.9	1.872	2.713	14.2	20.2
5 21	18 1.29	−30 57.8	1.789	2.708	11.1	20.0
5 31	17 53.77	−31 24.0	1.729	2.702	7.5	19.8
6 10	17 44.37	−31 42.1	1.693	2.696	4.1	19.6
6 20	17 34.13	−31 49.7	1.683	2.690	3.6	19.5
6 30	17 24.28	−31 46.3	1.700	2.685	6.8	19.7
7 10	17 15.99	−31 34.1	1.742	2.679	10.5	19.9
7 20	17 10.09	−31 16.2	1.806	2.674	13.8	20.1
227911 2007 EC_{197}			6 15.9 187°.32		2°.8/15.7 18	
5 11	18 5.26	−16 45.0	1.976	2.816	13.7	21.0
5 21	18 0.06	−16 20.1	1.897	2.816	10.6	20.8
5 31	17 52.71	−15 58.2	1.840	2.815	7.0	20.6
6 10	17 43.90	−15 40.2	1.809	2.814	3.7	20.4
6 20	17 34.49	−15 27.1	1.805	2.813	3.4	20.4
6 30	17 25.48	−15 20.0	1.829	2.811	6.6	20.6
7 10	17 17.80	−15 19.4	1.877	2.809	10.2	20.8
7 20	17 12.12	−15 25.4	1.949	2.807	13.4	21.0

286418 2001 YH_{149} 6 15.9 177°.87 2°.7/16.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 5.36	−31 10.3	2.611	3.436	11.2	21.4
5 21	17 59.88	−31 37.3	2.528	3.437	8.7	21.2
5 31	17 52.50	−31 59.8	2.469	3.438	5.9	21.0
6 10	17 43.80	−32 15.4	2.437	3.438	3.4	20.8
6 20	17 34.56	−32 22.7	2.433	3.438	2.9	20.8
6 30	17 25.63	−32 21.4	2.457	3.438	5.3	21.0
7 10	17 17.83	−32 13.0	2.509	3.438	8.1	21.1
7 20	17 11.79	−31 59.6	2.585	3.437	10.7	21.3

370297 2002 QR_{147} 6 15.9 342°.99 2°.6/16.1 17

5 11	18 0.70	−27 8.8	1.097	1.981	19.0	21.0
5 21	17 58.49	−27 34.5	1.025	1.969	14.8	20.7
5 31	17 52.68	−27 57.3	0.971	1.958	9.8	20.3
6 10	17 44.14	−28 13.6	0.938	1.948	4.5	20.0
6 20	17 34.27	−28 20.4	0.926	1.939	3.5	19.9
6 30	17 24.95	−28 17.1	0.936	1.932	8.8	20.2
7 10	17 17.91	−28 6.3	0.967	1.926	14.2	20.5
7 20	17 14.29	−27 51.9	1.016	1.922	18.9	20.7

262692 2006 WQ_{189} 6 15.9 196°.02 2°.7/15.9 17

5 11	18 6.59	−15 41.1	1.947	2.784	14.0	21.2
5 21	18 1.16	−15 37.1	1.865	2.782	10.8	21.0
5 31	17 53.48	−15 38.2	1.806	2.779	7.2	20.7
6 10	17 44.22	−15 44.7	1.771	2.776	3.7	20.5
6 20	17 34.27	−15 56.6	1.764	2.773	3.3	20.5
6 30	17 24.67	−16 13.6	1.785	2.769	6.6	20.7
7 10	17 16.40	−16 35.5	1.831	2.764	10.3	20.9
7 20	17 10.19	−17 1.6	1.900	2.759	13.6	21.1

292232 2006 SY_{62} 6 15.9 257°.78 3°.9/15.9 17

5 11	18 9.25	−30 41.0	1.675	2.518	15.6	21.0
5 21	18 4.10	−31 25.0	1.586	2.505	12.3	20.7
5 31	17 55.87	−32 5.0	1.519	2.492	8.4	20.5
6 10	17 45.28	−32 36.3	1.476	2.478	4.8	20.2
6 20	17 33.51	−32 55.0	1.459	2.465	4.3	20.2
6 30	17 22.04	−32 59.5	1.467	2.451	7.8	20.3
7 10	17 12.32	−32 51.9	1.500	2.436	11.9	20.5
7 20	17 5.41	−32 36.1	1.554	2.422	15.7	20.7

336149 2008 QA_{40} 6 15.9 275°.70 0°.9/16.1 16

5 11	18 5.93	−25 38.1	1.853	2.699	14.2	21.9
5 21	18 1.11	−25 41.3	1.756	2.680	11.0	21.6
5 31	17 53.71	−25 41.9	1.681	2.660	7.1	21.4
6 10	17 44.40	−25 38.4	1.630	2.640	2.9	21.1
6 20	17 34.13	−25 29.8	1.606	2.620	2.0	21.0
6 30	17 24.11	−25 16.5	1.610	2.600	6.4	21.2
7 10	17 15.52	−25 0.2	1.638	2.580	10.7	21.4
7 20	17 9.24	−24 43.7	1.688	2.559	14.5	21.6

386613 2009 JN_{18} 6 15.9 45°.65 1°.9/16.1 17

5 11	18 6.33	−17 40.7	1.217	2.085	18.7	20.6
5 21	18 1.87	−18 1.5	1.165	2.100	14.3	20.4
5 31	17 54.28	−18 29.5	1.132	2.115	9.2	20.1
6 10	17 44.57	−19 3.2	1.122	2.131	3.9	19.9
6 20	17 34.11	−19 40.3	1.135	2.148	2.9	19.8
6 30	17 24.47	−20 18.8	1.172	2.165	7.9	20.2
7 10	17 16.98	−20 57.5	1.232	2.182	12.7	20.5
7 20	17 12.46	−21 35.7	1.312	2.200	16.7	20.8

275685 2000 SF_{81} 6 15.9 255°.43 7°.6/14.8 18

5 11	18 3.48	− 4 34.0	2.017	2.833	14.3	21.0
5 21	17 58.75	− 3 38.3	1.928	2.817	11.9	20.8
5 31	17 51.95	− 2 52.7	1.860	2.801	9.5	20.6
6 10	17 43.66	− 2 21.2	1.817	2.784	7.8	20.5
6 20	17 34.66	− 2 6.7	1.798	2.767	7.9	20.4
6 30	17 25.89	− 2 10.8	1.806	2.750	9.7	20.5
7 10	17 18.25	− 2 32.8	1.837	2.732	12.3	20.6
7 20	17 12.46	− 3 10.7	1.889	2.714	15.1	20.8

7870 1987 UP_{2} 6 15.9 253°.84 1°.0/15.9 18

5 11	18 9.25	−21 53.5	1.771	2.614	14.9	18.0
5 21	18 3.74	−21 38.2	1.670	2.592	11.5	17.7
5 31	17 55.47	−21 21.9	1.590	2.569	7.5	17.4
6 10	17 45.10	−21 4.0	1.536	2.546	3.0	17.1
6 20	17 33.66	−20 44.7	1.508	2.521	2.3	17.0
6 30	17 22.41	−20 25.2	1.507	2.496	7.0	17.2
7 10	17 12.64	−20 7.5	1.532	2.470	11.6	17.4
7 20	17 5.30	−19 53.9	1.579	2.443	15.6	17.6

130597 2000 RT_{93} 6 15.9 218°.26 1°.8/16.0 17

5 11	18 9.99	−26 44.2	1.757	2.598	15.0	20.2
5 21	18 4.31	−27 10.3	1.671	2.591	11.6	20.0
5 31	17 55.80	−27 34.4	1.606	2.583	7.6	19.7
6 10	17 45.20	−27 53.4	1.567	2.575	3.4	19.5
6 20	17 33.62	−28 4.8	1.554	2.566	2.6	19.4
6 30	17 22.40	−28 8.0	1.568	2.557	6.8	19.6
7 10	17 12.83	−28 4.6	1.608	2.547	11.1	19.9
7 20	17 5.84	−27 57.3	1.670	2.536	14.8	20.1

111573 2002 AV_{15} 6 15.9 206°.60 3°.2/16.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 2.95	−12 18.7	2.310	3.138	12.3	19.1
5 21	17 58.06	−12 25.5	2.227	3.137	9.6	19.0
5 31	17 51.36	−12 39.5	2.167	3.135	6.6	18.8
6 10	17 43.39	−13 1.1	2.134	3.133	3.9	18.6
6 20	17 34.88	−13 30.0	2.128	3.131	3.6	18.6
6 30	17 26.63	−14 5.2	2.150	3.129	6.0	18.7
7 10	17 19.44	−14 45.7	2.199	3.127	9.1	18.9
7 20	17 13.90	−15 30.1	2.271	3.125	11.9	19.1

42393 6012 $P–L$ 6 15.9 148°.62 0°.5/15.9 18

5 11	18 2.68	−22 9.5	2.687	3.520	10.7	20.5
5 21	17 57.59	−22 0.4	2.608	3.526	8.1	20.3
5 31	17 50.90	−21 50.8	2.554	3.531	5.1	20.1
6 10	17 43.17	−21 40.4	2.527	3.537	2.0	19.9
6 20	17 35.05	−21 29.6	2.529	3.542	1.4	19.9
6 30	17 27.27	−21 18.7	2.559	3.547	4.6	20.1
7 10	17 20.49	−21 8.9	2.617	3.552	7.5	20.3
7 20	17 15.22	−21 0.9	2.699	3.556	10.1	20.5

473882 2016 EF_{141} 6 15.9 20°.78 0°.5/15.9 17

5 11	18 2.80	−22 23.8	1.092	1.974	19.3	20.9
5 21	17 59.60	−22 22.3	1.038	1.981	14.7	20.7
5 31	17 53.02	−22 21.4	1.002	1.989	9.4	20.4
6 10	17 44.14	−22 20.2	0.987	1.999	3.6	20.1
6 20	17 34.42	−22 18.3	0.995	2.009	2.5	20.1
6 30	17 25.55	−22 16.2	1.025	2.021	8.2	20.5
7 10	17 18.98	−22 15.6	1.076	2.033	13.3	20.8
7 20	17 15.56	−22 17.8	1.146	2.047	17.7	21.1

190022 2004 PX_{58} 6 15.9 299°.83 2°.4/15.7 18

5 11	18 3.48	−18 45.5	1.602	2.459	15.5	20.8
5 21	17 59.46	−18 23.5	1.510	2.439	12.0	20.6
5 31	17 52.77	−18 3.2	1.439	2.419	8.0	20.3
6 10	17 44.07	−17 45.7	1.391	2.399	3.7	20.0
6 20	17 34.38	−17 31.7	1.368	2.380	3.2	19.9
6 30	17 24.95	−17 22.7	1.371	2.360	7.5	20.1
7 10	17 17.01	−17 20.0	1.398	2.341	12.1	20.3
7 20	17 11.49	−17 24.1	1.445	2.322	16.1	20.5

250895 2005 VT_{75} 6 15.9 268°.68 3°.7/16.1 18

5 11	18 5.43	−33 47.5	2.435	3.258	11.9	20.5
5 21	18 0.30	−34 21.0	2.338	3.243	9.4	20.3
5 31	17 52.98	−34 48.8	2.264	3.227	6.7	20.1
6 10	17 44.08	−35 7.8	2.216	3.211	4.3	19.9
6 20	17 34.40	−35 15.8	2.196	3.195	4.0	19.9
6 30	17 24.95	−35 12.2	2.203	3.179	6.2	20.0
7 10	17 16.69	−34 58.6	2.236	3.162	9.1	20.2
7 20	17 10.36	−34 37.7	2.293	3.146	11.8	20.3

93638 2000 UP_{81} 6 15.9 195°.35 1°.2/16.0 18

5 11	18 6.96	−25 59.0	2.286	3.119	12.3	19.4
5 21	18 1.29	−26 18.4	2.200	3.116	9.4	19.2
5 31	17 53.51	−26 36.1	2.138	3.114	6.1	19.0
6 10	17 44.24	−26 50.1	2.102	3.110	2.6	18.8
6 20	17 34.33	−26 59.1	2.094	3.106	1.9	18.7
6 30	17 24.72	−27 2.7	2.114	3.102	5.4	18.9
7 10	17 16.36	−27 2.2	2.162	3.097	8.8	19.1
7 20	17 9.92	−26 59.0	2.233	3.092	11.9	19.3

468777 2011 WC_{90} 6 15.9 111°.50 4°.0/14.9 18

5 11	18 12.82	−17 58.1	1.728	2.562	15.6	21.0
5 21	18 5.62	−16 27.8	1.669	2.584	12.0	20.8
5 31	17 56.07	−14 57.1	1.634	2.605	8.0	20.6
6 10	17 45.11	−13 30.0	1.625	2.626	4.7	20.5
6 20	17 33.85	−12 11.1	1.644	2.646	4.7	20.5
6 30	17 23.45	−11 4.5	1.692	2.665	7.9	20.7
7 10	17 14.86	−10 12.9	1.765	2.683	11.5	21.0
7 20	17 8.68	− 9 36.9	1.861	2.701	14.6	21.2

20915 4302 $P–L$ 6 15.9 66°.56 1°.1/15.8 18

5 11	18 2.37	−20 58.2	2.233	3.075	12.2	19.0
5 21	17 57.65	−20 43.0	2.158	3.080	9.3	18.8
5 31	17 51.07	−20 27.9	2.106	3.085	6.0	18.6
6 10	17 43.27	−20 13.1	2.081	3.090	2.4	18.4
6 20	17 35.01	−19 59.1	2.083	3.095	1.9	18.4
6 30	17 27.15	−19 46.8	2.112	3.101	5.3	18.6
7 10	17 20.47	−19 37.0	2.168	3.106	8.7	18.8
7 20	17 15.55	−19 30.8	2.248	3.111	11.6	19.0

357137 2002 AP_{133} 6 15.9 75°.36 4°.6/16.9 17

5 11	18 14.20	− 8 3.0	1.363	2.194	19.1	20.6
5 21	18 7.35	− 9 1.4	1.314	2.223	15.0	20.5
5 31	17 57.54	−10 18.0	1.284	2.251	10.3	20.3
6 10	17 45.78	−11 50.3	1.279	2.279	6.0	20.1
6 20	17 33.40	−13 32.9	1.301	2.306	4.9	20.1
6 30	17 21.89	−15 19.7	1.349	2.333	8.3	20.4
7 10	17 12.50	−17 5.0	1.423	2.360	12.4	20.7
7 20	17 6.01	−18 44.9	1.520	2.386	16.0	21.0

87505 2000 QD_{174} 6 15.9 3°.20 7°.7/17.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 7.80	−40 33.0	1.379	2.220	18.4	19.2
5 21	18 3.55	−40 58.5	1.311	2.219	15.1	19.0
5 31	17 55.64	−41 6.8	1.263	2.219	11.6	18.7
6 10	17 45.18	−40 51.9	1.235	2.219	8.6	18.6
6 20	17 33.77	−40 10.9	1.230	2.221	7.8	18.5
6 30	17 23.29	−39 6.1	1.249	2.223	10.0	18.7
7 10	17 15.33	−37 44.7	1.289	2.226	13.4	18.9
7 20	17 10.79	−36 15.9	1.350	2.230	16.9	19.1

470932 2009 FN_{50} 6 15.9 201°.44 0°.5/16.0 18

5 11	18 4.45	−23 54.8	2.356	3.192	11.9	21.5
5 21	17 59.30	−24 10.3	2.271	3.189	9.1	21.3
5 31	17 52.20	−24 25.3	2.209	3.187	5.8	21.1
6 10	17 43.75	−24 38.6	2.174	3.184	2.3	20.9
6 20	17 34.71	−24 49.0	2.167	3.181	1.5	20.8
6 30	17 25.96	−24 56.5	2.189	3.178	5.1	21.0
7 10	17 18.35	−25 1.5	2.237	3.174	8.5	21.2
7 20	17 12.52	−25 5.3	2.309	3.170	11.4	21.4

68478 2001 TR_{26} 6 15.9 85°.19 2°.2/16.2 18

5 11	18 7.97	−28 55.2	1.666	2.513	15.5	19.7
5 21	18 2.62	−29 5.2	1.600	2.523	11.9	19.5
5 31	17 54.56	−29 9.5	1.555	2.532	7.8	19.2
6 10	17 44.67	−29 6.0	1.535	2.542	3.7	19.0
6 20	17 34.13	−28 53.3	1.540	2.552	2.9	19.0
6 30	17 24.26	−28 32.7	1.572	2.561	6.7	19.2
7 10	17 16.24	−28 6.9	1.628	2.571	10.7	19.5
7 20	17 10.79	−27 39.7	1.707	2.580	14.2	19.7

229921 1995 SC_{43} 6 15.9 156°.59 1°.8/16.1 18

5 11	18 7.08	−27 34.5	2.032	2.870	13.4	21.0
5 21	18 1.59	−27 55.8	1.955	2.873	10.3	20.8
5 31	17 53.79	−28 14.1	1.901	2.877	6.7	20.6
6 10	17 44.38	−28 26.9	1.873	2.880	3.1	20.4
6 20	17 34.31	−28 32.7	1.872	2.883	2.4	20.3
6 30	17 24.68	−28 31.4	1.898	2.886	5.9	20.6
7 10	17 16.50	−28 24.6	1.951	2.888	9.5	20.8
7 20	17 10.48	−28 14.7	2.026	2.890	12.7	21.0

436561 2011 HY_{25} 6 15.9 182°.98 5°.1/15.2 18

5 11	18 11.82	−31 48.0	1.906	2.735	14.5	20.2
5 21	18 5.83	−33 23.6	1.827	2.735	11.5	20.0
5 31	17 56.90	−34 57.1	1.772	2.736	8.2	19.8
6 10	17 45.71	−36 21.8	1.742	2.735	5.5	19.6
6 20	17 33.34	−37 31.5	1.740	2.735	5.5	19.6
6 30	17 21.20	−38 22.8	1.766	2.735	8.0	19.8
7 10	17 10.66	−38 56.0	1.817	2.734	11.3	20.0
7 20	17 2.74	−39 14.5	1.891	2.734	14.3	20.2

175521 2006 SY_{60} 6 15.9 220°.08 1°.0/15.9 18

5 11	18 4.72	−24 56.5	2.292	3.128	12.1	20.5
5 21	17 59.62	−25 25.0	2.206	3.125	9.3	20.3
5 31	17 52.47	−25 53.1	2.144	3.122	6.0	20.1
6 10	17 43.88	−26 18.9	2.109	3.118	2.5	19.9
6 20	17 34.63	−26 40.6	2.101	3.114	1.8	19.8
6 30	17 25.66	−26 57.5	2.122	3.110	5.3	20.0
7 10	17 17.86	−27 10.1	2.169	3.106	8.7	20.2
7 20	17 11.90	−27 19.6	2.240	3.102	11.7	20.4

470682 2008 ST_{276} 6 15.9 77°.00 7°.5/16.4 17

5 11	18 11.16	−40 33.1	1.810	2.628	15.6	20.8
5 21	18 5.44	−41 39.2	1.746	2.637	12.9	20.7
5 31	17 56.59	−42 33.2	1.703	2.647	10.1	20.5
6 10	17 45.52	−43 8.6	1.684	2.656	7.9	20.4
6 20	17 33.55	−43 21.4	1.690	2.666	7.6	20.4
6 30	17 22.25	−43 11.3	1.720	2.675	9.3	20.5
7 10	17 13.01	−42 42.1	1.774	2.685	11.9	20.7
7 20	17 6.72	−42 0.0	1.850	2.694	14.5	20.9

14531 1997 PM_{2} 6 15.9 207°.18 1°.3/16.2 18

5 11	18 5.66	−27 49.7	2.417	3.248	11.8	19.3
5 21	18 0.19	−27 52.2	2.329	3.244	9.0	19.1
5 31	17 52.76	−27 51.0	2.264	3.239	5.9	18.9
6 10	17 43.96	−27 44.5	2.225	3.233	2.6	18.7
6 20	17 34.60	−27 32.3	2.215	3.228	1.9	18.6
6 30	17 25.57	−27 14.8	2.234	3.222	5.2	18.8
7 10	17 17.73	−26 53.8	2.279	3.215	8.4	19.0
7 20	17 11.71	−26 31.6	2.349	3.208	11.4	19.2

101053 1998 QN_{110} 6 15.9 313°.24 4°.1/16.6 18

5 11	18 5.83	−33 43.7	1.690	2.534	15.4	19.4
5 21	18 1.38	−33 52.8	1.603	2.520	12.2	19.2
5 31	17 54.02	−33 52.2	1.536	2.507	8.6	18.9
6 10	17 44.57	−33 38.6	1.494	2.494	5.1	18.7
6 20	17 34.18	−33 10.2	1.476	2.482	4.4	18.6
6 30	17 24.26	−32 28.1	1.484	2.469	7.5	18.8
7 10	17 16.13	−31 36.6	1.516	2.458	11.4	19.0
7 20	17 10.69	−30 40.9	1.570	2.446	15.1	19.2

475162 2005 UF_{410} 6 15.9 221°.08 1°.4/16.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 11	18 3.93	−26 16.3	2.547	3.380	11.2	21.5
5 21	17 58.85	−26 45.1	2.460	3.376	8.6	21.3
5 31	17 51.91	−27 12.6	2.396	3.371	5.6	21.1
6 10	17 43.65	−27 37.0	2.359	3.367	2.5	20.9
6 20	17 34.80	−27 56.8	2.350	3.362	1.9	20.8
6 30	17 26.20	−28 11.2	2.370	3.357	5.0	21.0
7 10	17 18.64	−28 20.9	2.417	3.352	8.1	21.2
7 20	17 12.74	−28 27.0	2.489	3.347	10.8	21.4

192661 1999 RU_{155} 6 15.9 290°.51 9°.4/14.3 18

5 11	18 1.94	− 2 7.2	1.798	2.616	15.7	20.0
5 21	17 57.85	− 0 56.1	1.712	2.598	13.3	19.8
5 31	17 51.52	+ 0 2.8	1.647	2.580	11.1	19.6
6 10	17 43.57	+ 0 44.0	1.605	2.562	9.6	19.5
6 20	17 34.84	+ 1 3.4	1.586	2.544	9.7	19.5
6 30	17 26.34	+ 0 58.8	1.591	2.526	11.5	19.5
7 10	17 19.08	+ 0 31.1	1.619	2.508	14.0	19.6
7 20	17 13.81	− 0 16.5	1.666	2.490	16.8	19.8

333598 2007 FQ_{20} 6 15.9 353°.07 11°.3/16.6 17

5 11	17 59.39	+ 0 9.9	1.290	2.128	19.6	19.2
5 21	17 56.52	+ 0 52.9	1.225	2.122	16.7	19.0
5 31	17 50.92	+ 1 13.2	1.177	2.116	13.9	18.8
6 10	17 43.38	+ 1 4.7	1.149	2.112	11.8	18.6
6 20	17 34.99	+ 0 24.7	1.141	2.109	11.5	18.6
6 30	17 27.04	− 0 45.8	1.155	2.108	13.1	18.7
7 10	17 20.77	− 2 21.2	1.190	2.107	15.9	18.9
7 20	17 17.02	− 4 14.0	1.243	2.108	19.0	19.1

389432 2010 CB_{42} 6 15.9 183°.91 1°.2/16.1 17

5 11	18 6.92	−26 57.7	2.241	3.074	12.5	22.2
5 21	18 1.25	−27 2.1	2.158	3.074	9.6	22.0
5 31	17 53.47	−27 3.0	2.098	3.074	6.2	21.8
6 10	17 44.25	−26 59.2	2.065	3.074	2.6	21.6
6 20	17 34.44	−26 49.8	2.060	3.073	1.9	21.5
6 30	17 25.02	−26 35.4	2.083	3.071	5.4	21.8
7 10	17 16.91	−26 17.8	2.133	3.069	8.9	22.0
7 20	17 10.76	−25 59.2	2.206	3.067	11.9	22.2

179567 2002 EU_{80} 6 15.9 32°.30 4°.9/15.5 16

5 11	18 0.89	−10 14.0	2.133	2.965	13.0	20.2
5 21	17 56.55	− 9 39.2	2.060	2.968	10.4	20.0
5 31	17 50.41	− 9 11.7	2.010	2.972	7.6	19.8
6 10	17 43.06	− 8 53.6	1.985	2.975	5.3	19.7
6 20	17 35.24	− 8 46.4	1.987	2.979	5.2	19.7
6 30	17 27.79	− 8 50.6	2.015	2.983	7.3	19.8
7 10	17 21.47	− 9 5.7	2.068	2.987	10.0	20.0
7 20	17 16.84	− 9 30.4	2.143	2.991	12.7	20.2

141133 2001 XM_{91} 6 16.0 13°.43 1°.6/15.7 18

5 11	18 3.02	−21 5.5	2.000	2.847	13.3	19.6
5 21	17 58.36	−20 29.3	1.923	2.847	10.1	19.4
5 31	17 51.63	−19 51.9	1.869	2.849	6.5	19.2
6 10	17 43.54	−19 14.5	1.841	2.850	2.8	19.0
6 20	17 34.93	−18 38.6	1.839	2.851	2.4	19.0
6 30	17 26.77	−18 6.0	1.865	2.853	6.0	19.2
7 10	17 19.95	−17 38.6	1.917	2.855	9.6	19.4
7 20	17 15.07	−17 17.7	1.991	2.857	12.8	19.6

428651 2008 GK_{43} 6 16.0 255°.41 1°.1/16.1 17

5 11	18 7.53	−25 39.5	1.767	2.613	14.8	21.5
5 21	18 2.45	−25 52.8	1.676	2.599	11.4	21.3
5 31	17 54.65	−26 4.3	1.606	2.585	7.4	21.0
6 10	17 44.82	−26 11.8	1.561	2.571	3.1	20.7
6 20	17 34.01	−26 13.7	1.543	2.556	2.2	20.6
6 30	17 23.50	−26 9.8	1.551	2.541	6.7	20.9
7 10	17 14.53	−26 1.8	1.584	2.526	11.0	21.1
7 20	17 8.02	−25 52.2	1.639	2.510	14.8	21.3

511217 2014 AH_{48} 6 16.0 239°.69 0°.9/16.1 18

5 11	18 7.83	−26 26.0	2.354	3.183	12.1	22.6
5 21	18 2.02	−26 27.4	2.250	3.164	9.3	22.4
5 31	17 54.06	−26 25.6	2.170	3.145	6.1	22.1
6 10	17 44.52	−26 19.3	2.117	3.126	2.5	21.9
6 20	17 34.23	−26 7.7	2.092	3.105	1.8	21.8
6 30	17 24.16	−25 51.2	2.096	3.084	5.4	22.0
7 10	17 15.25	−25 31.5	2.128	3.062	9.0	22.2
7 20	17 8.24	−25 10.9	2.183	3.039	12.2	22.3

156992 2003 LD_{6} 6 16.0 14°.50 18°.5/ 6.7 18

5 11	18 3.18	+10 40.5	1.406	2.188	21.0	18.2
5 21	17 59.06	+14 20.7	1.369	2.192	19.6	18.1
5 31	17 52.34	+17 34.0	1.352	2.197	18.7	18.0
6 10	17 43.86	+20 7.5	1.354	2.202	18.6	18.0
6 20	17 34.73	+21 52.8	1.375	2.209	19.2	18.1
6 30	17 26.18	+22 47.3	1.414	2.217	20.3	18.2
7 10	17 19.33	+22 54.6	1.466	2.226	21.6	18.3
7 20	17 14.93	+22 22.3	1.531	2.235	22.8	18.5