502382 2015 BT_{243} 5 19.9 215°.14 1°.8/21.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 17.90	−26 42.2	2.097	2.883	14.5	22.5
4 21	16 13.17	−26 35.1	1.997	2.875	11.7	22.3
5 1	16 5.96	−26 17.3	1.918	2.867	8.3	22.1
5 11	15 56.85	−25 48.2	1.865	2.858	4.6	21.8
5 21	15 46.74	−25 8.8	1.839	2.848	1.8	21.6
5 31	15 36.68	−24 21.8	1.841	2.838	4.6	21.8
6 10	15 27.76	−23 31.8	1.871	2.827	8.5	22.0
6 20	15 20.76	−22 43.9	1.925	2.816	12.1	22.2

512681 2016 TS_{89} 5 19.9 278°.95 0°.8/19.5 18

4 11	16 11.98	−18 48.5	2.353	3.159	12.6	22.2
4 21	16 8.20	−18 31.7	2.247	3.141	9.9	22.0
5 1	16 2.41	−18 9.9	2.164	3.124	6.8	21.8
5 11	15 55.10	−17 44.3	2.107	3.106	3.3	21.5
5 21	15 46.94	−17 16.8	2.077	3.088	1.0	21.3
5 31	15 38.76	−16 50.0	2.075	3.070	4.5	21.5
6 10	15 31.40	−16 26.8	2.101	3.052	8.0	21.7
6 20	15 25.52	−16 9.7	2.151	3.034	11.3	21.9

238153 2003 SY_{46} 5 19.9 282°.37 6°.9/22.6 18

4 11	16 19.38	−36 28.8	2.044	2.799	15.8	20.3
4 21	16 15.20	−37 25.5	1.929	2.773	13.6	20.1
5 1	16 7.94	−38 10.6	1.834	2.747	10.9	19.9
5 11	15 58.10	−38 39.0	1.762	2.720	8.4	19.7
5 21	15 46.58	−38 46.7	1.715	2.694	6.9	19.5
5 31	15 34.71	−38 32.6	1.694	2.667	7.7	19.5
6 10	15 23.94	−37 59.6	1.699	2.639	10.3	19.6
6 20	15 15.46	−37 13.7	1.726	2.612	13.5	19.7

364117 2006 AS_{57} 5 19.9 221°.62 0°.7/20.4 18

4 11	16 16.55	−23 49.8	2.480	3.264	12.6	21.3
4 21	16 11.67	−23 34.5	2.373	3.253	10.0	21.1
5 1	16 4.71	−23 11.2	2.289	3.240	7.0	20.9
5 11	15 56.19	−22 40.1	2.231	3.227	3.5	20.6
5 21	15 46.83	−22 2.5	2.201	3.213	0.7	20.4
5 31	15 37.49	−21 20.9	2.201	3.198	4.0	20.6
6 10	15 29.04	−20 39.0	2.230	3.183	7.5	20.8
6 20	15 22.16	−20 0.4	2.284	3.166	10.8	21.0

353160 2009 HW_{73} 5 19.9 335°.46 8°.2/17.4 18

4 11	16 13.78	+ 1 14.5	1.772	2.583	15.8	19.7
4 21	16 10.10	+ 1 32.5	1.687	2.569	13.3	19.5
5 1	16 3.95	+ 1 38.9	1.621	2.555	10.6	19.3
5 11	15 55.92	+ 1 28.6	1.578	2.543	8.6	19.1
5 21	15 46.86	+ 0 58.1	1.560	2.530	8.3	19.1
5 31	15 37.81	+ 0 5.9	1.567	2.519	10.1	19.1
6 10	15 29.82	− 1 6.8	1.598	2.509	12.9	19.3
6 20	15 23.71	− 2 36.5	1.650	2.499	15.8	19.4

137312 1999 TK_{10} 5 19.9 204°.50 1°.8/18.2 18

4 11	16 7.40	−13 10.9	3.820	4.617	8.3	21.0
4 21	16 3.67	−12 43.1	3.724	4.613	6.5	20.9
5 1	15 58.83	−12 14.3	3.654	4.609	4.5	20.7
5 11	15 53.20	−11 45.9	3.611	4.604	2.5	20.6
5 21	15 47.18	−11 19.6	3.597	4.600	2.0	20.5
5 31	15 41.22	−10 57.1	3.613	4.595	3.6	20.6
6 10	15 35.75	−10 39.7	3.658	4.590	5.6	20.8
6 20	15 31.12	−10 28.6	3.728	4.584	7.6	20.9

128571 2004 PB_{100} 5 19.9 324°.61 0°.8/19.8 18

4 11	16 18.56	−15 26.1	1.613	2.431	16.8	19.4
4 21	16 14.35	−16 3.2	1.524	2.424	13.3	19.1
5 1	16 7.16	−16 42.1	1.456	2.418	9.2	18.8
5 11	15 57.60	−17 22.4	1.412	2.412	4.5	18.6
5 21	15 46.66	−18 3.4	1.394	2.406	1.0	18.3
5 31	15 35.66	−18 44.7	1.403	2.400	5.7	18.6
6 10	15 25.93	−19 26.8	1.437	2.395	10.4	18.8
6 20	15 18.50	−20 10.6	1.494	2.390	14.6	19.1

82847 2001 QJ_{52} 5 19.9 252°.09 0°.5/20.3 18

4 11	16 13.43	−22 39.2	2.253	3.052	13.3	20.0
4 21	16 9.42	−22 33.1	2.155	3.044	10.5	19.8
5 1	16 3.27	−22 20.0	2.080	3.036	7.3	19.5
5 11	15 55.52	−22 0.4	2.031	3.028	3.6	19.3
5 21	15 46.91	−21 35.3	2.009	3.020	0.6	19.0
5 31	15 38.36	−21 7.2	2.015	3.012	4.2	19.3
6 10	15 30.75	−20 39.4	2.048	3.004	7.9	19.5
6 20	15 24.77	−20 14.9	2.106	2.996	11.2	19.7

125633 2001 XY_{59} 5 19.9 194°.14 0°.2/19.9 18

4 11	16 16.26	−21 6.1	2.266	3.061	13.3	20.9
4 21	16 11.52	−20 50.0	2.171	3.059	10.5	20.7
5 1	16 4.63	−20 27.4	2.100	3.056	7.2	20.5
5 11	15 56.15	−19 59.1	2.054	3.053	3.5	20.2
5 21	15 46.86	−19 26.7	2.037	3.049	0.5	20.0
5 31	15 37.66	−18 53.0	2.048	3.045	4.3	20.3
6 10	15 29.46	−18 21.5	2.088	3.039	8.0	20.5
6 20	15 22.92	−17 55.3	2.151	3.034	11.3	20.7

39677 Anagaribaldi 5 19.9 230°.84 2°.1/18.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 10.80	−15 25.5	2.612	3.418	11.5	19.0
4 21	16 6.91	−14 44.5	2.518	3.412	9.0	18.8
5 1	16 1.31	−14 0.0	2.446	3.405	6.2	18.6
5 11	15 54.49	−13 14.1	2.402	3.398	3.3	18.4
5 21	15 47.05	−12 29.8	2.386	3.391	2.3	18.3
5 31	15 39.69	−11 50.0	2.398	3.384	4.8	18.5
6 10	15 33.10	−11 17.5	2.438	3.377	7.7	18.6
6 20	15 27.81	−10 54.4	2.503	3.369	10.5	18.8

392442 2010 RW_{161} 5 19.9 265°.23 0°.8/19.4 17

4 11	16 11.21	−20 3.9	2.412	3.216	12.3	21.2
4 21	16 7.46	−19 29.7	2.313	3.206	9.7	21.0
5 1	16 1.81	−18 48.8	2.238	3.197	6.6	20.8
5 11	15 54.77	−18 3.0	2.188	3.187	3.2	20.5
5 21	15 47.02	−17 14.6	2.167	3.178	1.0	20.3
5 31	15 39.34	−16 27.1	2.174	3.168	4.3	20.6
6 10	15 32.51	−15 43.9	2.208	3.158	7.8	20.8
6 20	15 27.13	−15 8.2	2.267	3.149	10.9	20.9

352060 2006 WF_{50} 5 19.9 220°.06 1°.3/19.1 18

4 11	16 12.24	−17 0.7	2.615	3.416	11.6	21.9
4 21	16 8.07	−16 39.4	2.518	3.410	9.1	21.7
5 1	16 2.13	−16 14.5	2.445	3.403	6.2	21.5
5 11	15 54.90	−15 47.7	2.398	3.397	3.1	21.3
5 21	15 47.01	−15 20.7	2.380	3.390	1.5	21.1
5 31	15 39.17	−14 56.0	2.391	3.382	4.3	21.3
6 10	15 32.11	−14 36.0	2.429	3.374	7.4	21.5
6 20	15 26.39	−14 22.7	2.492	3.367	10.3	21.7

335172 2004 YS_{9} 5 20.0 276°.06 1°.3/19.4 17

4 11	16 14.86	−17 37.3	1.954	2.766	14.5	21.3
4 21	16 10.99	−17 23.6	1.847	2.744	11.5	21.0
5 1	16 4.64	−17 5.3	1.761	2.722	8.0	20.8
5 11	15 56.33	−16 43.6	1.700	2.699	3.9	20.5
5 21	15 46.84	−16 20.7	1.666	2.676	1.5	20.2
5 31	15 37.24	−15 59.3	1.659	2.653	5.4	20.5
6 10	15 28.59	−15 42.8	1.678	2.630	9.7	20.7
6 20	15 21.78	−15 34.0	1.721	2.606	13.5	20.8

22928 Templehe 5 20.0 30°.32 0°.8/19.7 18

4 11	16 13.41	−20 8.5	1.251	2.093	19.4	18.1
4 21	16 10.71	−19 48.4	1.187	2.101	15.3	17.8
5 1	16 4.75	−19 19.3	1.142	2.109	10.4	17.6
5 11	15 56.37	−18 43.5	1.118	2.119	5.0	17.3
5 21	15 46.85	−18 4.5	1.118	2.129	1.1	17.1
5 31	15 37.70	−17 27.5	1.141	2.140	6.4	17.4
6 10	15 30.30	−16 57.8	1.188	2.152	11.5	17.7
6 20	15 25.53	−16 39.4	1.256	2.164	15.9	18.0

431894 2008 SN_{284} 5 20.0 236°.45 1°.1/20.6 18

4 11	16 14.51	−24 41.1	2.048	2.847	14.4	21.7
4 21	16 10.50	−24 28.7	1.954	2.841	11.5	21.5
5 1	16 4.13	−24 6.7	1.881	2.836	8.0	21.3
5 11	15 55.98	−23 35.3	1.834	2.830	4.2	21.1
5 21	15 46.91	−22 56.1	1.813	2.824	1.1	20.8
5 31	15 37.94	−22 12.1	1.820	2.818	4.5	21.0
6 10	15 30.05	−21 27.8	1.853	2.811	8.4	21.3
6 20	15 24.01	−20 47.4	1.911	2.805	12.0	21.5

264488 2001 PE 5 20.0 222°.78 19°.8/ 8.8 18

4 11	16 18.49	+19 46.2	1.328	2.096	22.3	20.1
4 21	16 14.54	+22 5.0	1.282	2.092	20.9	20.0
5 1	16 7.30	+23 56.3	1.252	2.088	20.0	19.9
5 11	15 57.62	+25 6.8	1.238	2.083	19.8	19.9
5 21	15 46.74	+25 27.6	1.240	2.078	20.4	19.9
5 31	15 36.16	+24 55.3	1.259	2.073	21.6	19.9
6 10	15 27.29	+23 33.6	1.293	2.067	23.2	20.0
6 20	15 21.05	+21 31.0	1.340	2.061	24.9	20.2

230303 2002 AB_{105} 5 20.0 85°.45 1°.3/19.4 17

4 11	16 16.44	−17 42.1	1.806	2.619	15.5	20.8
4 21	16 11.95	−17 28.6	1.737	2.635	12.1	20.6
5 1	16 5.02	−17 10.9	1.690	2.651	8.2	20.4
5 11	15 56.35	−16 50.4	1.668	2.667	4.0	20.2
5 21	15 46.89	−16 29.6	1.672	2.683	1.5	20.1
5 31	15 37.74	−16 11.1	1.703	2.698	5.3	20.3
6 10	15 29.90	−15 58.1	1.761	2.713	9.2	20.6
6 20	15 24.05	−15 52.7	1.842	2.729	12.7	20.9

122537 2000 QX_{218} 5 20.0 276°.88 1°.9/20.8 18

4 11	16 15.79	−25 3.8	1.825	2.628	15.7	20.1
4 21	16 12.06	−25 13.1	1.722	2.611	12.7	19.8
5 1	16 5.56	−25 13.4	1.640	2.594	9.0	19.6
5 11	15 56.84	−25 3.8	1.581	2.576	4.9	19.3
5 21	15 46.82	−24 44.2	1.549	2.559	1.9	19.0
5 31	15 36.71	−24 16.7	1.543	2.541	5.1	19.2
6 10	15 27.73	−23 45.5	1.563	2.523	9.5	19.4
6 20	15 20.87	−23 15.5	1.606	2.505	13.5	19.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
292601 2006 TX_{108}			5 20.0 262°.78		1°.2/19.5 17	
	h m	° ′			°	m
4 11	16 16.08	−17 53.6	1.649	2.469	16.4	21.1
4 21	16 12.27	−17 45.5	1.560	2.462	13.0	20.9
5 1	16 5.65	−17 32.8	1.492	2.455	8.9	20.6
5 11	15 56.84	−17 16.7	1.447	2.447	4.4	20.3
5 21	15 46.83	−16 59.1	1.428	2.439	1.4	20.1
5 31	15 36.86	−16 43.1	1.436	2.432	5.8	20.4
6 10	15 28.16	−16 32.2	1.468	2.424	10.4	20.6
6 20	15 21.65	−16 29.2	1.523	2.416	14.5	20.8
129204 2005 NN_{32}			5 20.0 274°.81		4°.1/17.4 18	
4 11	16 11.11	−10 16.2	2.206	3.021	13.0	19.8
4 21	16 7.41	− 9 27.4	2.123	3.020	10.3	19.6
5 1	16 1.79	− 8 38.2	2.062	3.018	7.3	19.4
5 11	15 54.78	− 7 52.1	2.028	3.016	4.8	19.2
5 21	15 47.08	− 7 12.8	2.020	3.015	4.3	19.2
5 31	15 39.50	− 6 43.8	2.040	3.013	6.6	19.3
6 10	15 32.82	− 6 27.4	2.085	3.012	9.5	19.5
6 20	15 27.65	− 6 24.5	2.154	3.010	12.3	19.7
221047 2005 QZ_{97}			5 20.0 258°.91		4°.6/17.8 17	
4 11	16 14.48	−10 40.7	1.796	2.617	15.2	21.1
4 21	16 10.67	− 9 57.6	1.705	2.605	12.2	20.9
5 1	16 4.37	− 9 13.5	1.635	2.593	8.7	20.6
5 11	15 56.17	− 8 32.4	1.590	2.581	5.5	20.4
5 21	15 46.92	− 7 58.5	1.570	2.569	4.8	20.3
5 31	15 37.70	− 7 36.2	1.577	2.556	7.6	20.5
6 10	15 29.57	− 7 28.1	1.609	2.543	11.3	20.7
6 20	15 23.34	− 7 35.5	1.663	2.530	14.8	20.8
501261 2013 WB_{6}			5 20.0 232°.78		3°.6/17.9 17	
4 11	16 14.69	−11 52.6	2.155	2.964	13.4	21.9
4 21	16 10.39	−11 9.9	2.058	2.952	10.7	21.7
5 1	16 3.94	−10 25.3	1.984	2.940	7.5	21.5
5 11	15 55.89	− 9 42.0	1.935	2.927	4.6	21.3
5 21	15 46.96	− 9 3.5	1.914	2.914	3.9	21.2
5 31	15 38.06	− 8 33.4	1.922	2.900	6.4	21.3
6 10	15 30.08	− 8 14.6	1.955	2.886	9.8	21.5
6 20	15 23.72	− 8 8.7	2.012	2.871	13.0	21.7
349933 2009 YF_{7}			5 20.0 14°.43		3°.6/14.8 18	
4 11	16 1.25	+ 6 21.0	6.264	7.029	5.6	19.6
4 21	15 58.49	+ 6 35.4	6.204	7.045	4.8	19.5
5 1	15 55.13	+ 6 45.1	6.170	7.062	4.1	19.5
5 11	15 51.39	+ 6 48.8	6.161	7.080	3.7	19.4
5 21	15 47.48	+ 6 45.8	6.180	7.097	3.7	19.5
5 31	15 43.63	+ 6 35.5	6.225	7.114	4.2	19.5
6 10	15 40.06	+ 6 17.8	6.296	7.132	4.9	19.6
6 20	15 36.96	+ 5 53.2	6.391	7.150	5.7	19.7
299243 2005 MP_{22}			5 20.0 231°.38		1°.7/18.9 18	
4 11	16 12.56	−15 37.7	2.690	3.490	11.3	21.6
4 21	16 8.30	−15 17.6	2.589	3.479	8.9	21.4
5 1	16 2.30	−14 54.9	2.511	3.469	6.1	21.2
5 11	15 55.03	−14 31.1	2.460	3.458	3.1	21.0
5 21	15 47.07	−14 8.1	2.438	3.446	1.8	20.8
5 31	15 39.14	−13 48.2	2.445	3.434	4.4	21.0
6 10	15 31.94	−13 33.5	2.479	3.422	7.4	21.2
6 20	15 26.03	−13 25.6	2.539	3.409	10.2	21.3
215858 2005 ES_{58}			5 20.0 47°.98		0°.3/19.9 17	
4 11	16 15.43	−20 54.5	1.350	2.182	18.7	20.4
4 21	16 12.10	−20 39.8	1.284	2.192	14.8	20.2
5 1	16 5.61	−20 16.2	1.237	2.202	10.1	19.9
5 11	15 56.79	−19 45.2	1.213	2.213	4.9	19.7
5 21	15 46.88	−19 9.7	1.212	2.224	0.7	19.4
5 31	15 37.33	−18 34.3	1.237	2.236	6.0	19.8
6 10	15 29.48	−18 4.1	1.285	2.247	10.9	20.1
6 20	15 24.19	−17 43.2	1.355	2.260	15.2	20.4
106415 2000 VR_{32}			5 20.0 137°.44		1°.1/19.3 18	
4 11	16 12.92	−16 47.3	2.684	3.482	11.4	19.6
4 21	16 8.47	−16 37.7	2.600	3.490	8.9	19.4
5 1	16 2.33	−16 25.5	2.539	3.497	6.0	19.2
5 11	15 55.00	−16 11.9	2.506	3.504	3.0	19.0
5 21	15 47.09	−15 58.4	2.501	3.511	1.3	18.9
5 31	15 39.30	−15 46.7	2.525	3.517	4.0	19.1
6 10	15 32.31	−15 38.7	2.577	3.524	7.0	19.3
6 20	15 26.65	−15 35.9	2.654	3.530	9.7	19.5
303917 2005 UM_{124}			5 20.0 334°.59		0°.9/19.4 16	
4 11	16 10.53	−20 58.9	2.193	3.002	13.2	20.1
4 21	16 7.10	−20 13.2	2.102	2.999	10.4	19.9
5 1	16 1.64	−19 19.1	2.034	2.995	7.1	19.6
5 11	15 54.74	−18 18.8	1.992	2.992	3.4	19.4
5 21	15 47.11	−17 15.5	1.977	2.989	1.1	19.2
5 31	15 39.63	−16 13.5	1.991	2.986	4.6	19.5
6 10	15 33.12	−15 17.4	2.031	2.983	8.2	19.7
6 20	15 28.18	−14 30.5	2.096	2.980	11.5	19.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
11919 1992 UD_{2}			5 20.0 239°.29		4°.3/20.9 18	
	h m	° ′			°	m
4 11	16 28.00	−27 29.8	2.043	2.809	15.5	18.9
4 21	16 21.83	−28 46.0	1.930	2.792	12.8	18.7
5 1	16 12.46	−29 58.5	1.840	2.775	9.5	18.5
5 11	16 0.37	−31 2.5	1.775	2.757	6.2	18.2
5 21	15 46.46	−31 53.4	1.739	2.738	4.3	18.1
5 31	15 32.07	−32 28.6	1.732	2.718	6.3	18.1
6 10	15 18.69	−32 48.9	1.754	2.697	9.9	18.3
6 20	15 7.54	−32 58.3	1.800	2.676	13.5	18.5
382082 2011 FM_{79}			5 20.0 58°.88		2°.3/19.0 17	
4 11	16 14.65	−15 24.9	1.707	2.529	15.8	21.3
4 21	16 10.79	−15 5.5	1.633	2.536	12.5	21.1
5 1	16 4.38	−14 43.2	1.580	2.543	8.5	20.9
5 11	15 56.12	−14 20.5	1.551	2.550	4.4	20.7
5 21	15 46.97	−14 0.0	1.548	2.557	2.5	20.6
5 31	15 38.03	−13 44.9	1.572	2.564	6.0	20.8
6 10	15 30.37	−13 37.9	1.621	2.571	10.0	21.0
6 20	15 24.74	−13 40.8	1.692	2.579	13.7	21.3
425764 2011 CD_{20}			5 20.0 131°.02		3°.8/22.0 17	
4 11	16 19.94	−30 56.0	2.056	2.828	15.2	22.4
4 21	16 14.80	−31 17.8	1.976	2.840	12.4	22.2
5 1	16 7.06	−31 27.7	1.916	2.851	9.2	22.0
5 11	15 57.41	−31 23.6	1.881	2.863	5.9	21.8
5 21	15 46.83	−31 5.0	1.873	2.873	3.8	21.7
5 31	15 36.48	−30 33.9	1.893	2.883	5.3	21.8
6 10	15 27.46	−29 54.5	1.939	2.893	8.4	22.0
6 20	15 20.54	−29 12.3	2.010	2.902	11.6	22.2
357537 2004 RJ_{238}			5 20.0 297°.30		2°.8/21.6 18	
4 11	16 13.06	−28 43.7	2.321	3.104	13.4	21.4
4 21	16 9.26	−28 57.7	2.220	3.094	10.9	21.2
5 1	16 3.27	−29 2.3	2.141	3.084	7.9	21.0
5 11	15 55.60	−28 56.4	2.087	3.074	4.8	20.7
5 21	15 47.02	−28 39.9	2.059	3.064	2.8	20.6
5 31	15 38.45	−28 14.2	2.060	3.054	4.5	20.7
6 10	15 30.82	−27 42.6	2.087	3.044	7.7	20.9
6 20	15 24.86	−27 9.2	2.139	3.035	10.8	21.0
3461 Mandelshtam			5 20.0 200°.32		0°.1/20.0 18	
4 11	16 18.33	−20 49.8	1.893	2.696	15.3	17.7
4 21	16 13.68	−20 47.2	1.802	2.693	12.1	17.5
5 1	16 6.41	−20 38.3	1.732	2.690	8.3	17.2
5 11	15 57.17	−20 23.5	1.687	2.686	4.1	17.0
5 21	15 46.85	−20 3.9	1.669	2.681	0.4	16.6
5 31	15 36.62	−19 42.0	1.679	2.676	5.0	17.0
6 10	15 27.57	−19 21.5	1.716	2.671	9.2	17.2
6 20	15 20.56	−19 5.7	1.776	2.665	13.0	17.4
247471 2002 JF_{51}			5 20.0 263°.64		0°.2/20.1 18	R
4 11	16 17.56	−25 59.2	1.813	2.611	16.0	19.8
4 21	16 13.40	−24 58.4	1.701	2.589	12.9	19.6
5 1	16 6.43	−23 39.9	1.610	2.565	9.0	19.3
5 11	15 57.26	−22 4.7	1.543	2.541	4.5	19.0
5 21	15 46.85	−20 16.4	1.505	2.517	0.5	18.6
5 31	15 36.44	−18 22.1	1.495	2.492	5.5	18.9
6 10	15 27.27	−16 30.9	1.512	2.466	10.3	19.1
6 20	15 20.27	−14 50.9	1.554	2.440	14.7	19.3
124763 2001 SW_{234}			5 20.0 144°.68		1°.4/20.6 18	
4 11	16 20.47	−23 30.3	1.594	2.401	17.5	20.1
4 21	16 15.81	−23 42.6	1.516	2.407	13.9	19.9
5 1	16 8.08	−23 46.3	1.457	2.413	9.7	19.7
5 11	15 58.03	−23 40.6	1.422	2.419	5.1	19.4
5 21	15 46.78	−23 25.8	1.413	2.424	1.4	19.2
5 31	15 35.74	−23 4.4	1.431	2.429	5.4	19.4
6 10	15 26.24	−22 41.0	1.474	2.434	10.0	19.7
6 20	15 19.22	−22 20.2	1.540	2.438	14.1	20.0
548 Kressida			5 20.0 162°.97		1°.8/19.2 18	R
4 11	16 19.40	−16 39.8	1.869	2.675	15.3	15.6
4 21	16 14.32	−16 20.1	1.787	2.681	12.1	15.4
5 1	16 6.72	−15 56.4	1.728	2.687	8.2	15.2
5 11	15 57.25	−15 30.5	1.693	2.692	4.1	14.9
5 21	15 46.87	−15 4.8	1.686	2.696	2.0	14.8
5 31	15 36.68	−14 42.4	1.707	2.699	5.6	15.0
6 10	15 27.75	−14 26.5	1.754	2.702	9.6	15.3
6 20	15 20.84	−14 19.5	1.825	2.703	13.2	15.5
41935 2000 WQ_{179}			5 20.0 297°.61		6°.8/17.6 18	
4 11	16 15.73	− 3 14.3	1.747	2.561	15.9	18.6
4 21	16 11.73	− 2 51.4	1.658	2.548	13.0	18.4
5 1	16 5.16	− 2 35.9	1.590	2.535	10.0	18.2
5 11	15 56.61	− 2 32.4	1.545	2.522	7.4	18.0
5 21	15 46.93	− 2 44.7	1.525	2.509	7.0	17.9
5 31	15 37.24	− 3 14.9	1.531	2.496	9.1	18.0
6 10	15 28.65	− 4 3.1	1.562	2.484	12.4	18.2
6 20	15 22.01	− 5 7.3	1.614	2.471	15.7	18.4

16993 1999 CC_{10} 5 20.0 50.°59 8.°4/17.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 15.67	− 4 37.4	1.221	2.062	19.8	16.7
4 21	16 12.18	− 3 36.9	1.170	2.077	16.0	16.5
5 1	16 5.56	− 2 43.9	1.138	2.092	12.1	16.3
5 11	15 56.73	− 2 5.8	1.127	2.107	9.1	16.2
5 21	15 46.94	− 1 48.6	1.138	2.123	8.7	16.2
5 31	15 37.63	− 1 55.7	1.172	2.139	11.1	16.4
6 10	15 30.07	− 2 26.8	1.228	2.155	14.6	16.6
6 20	15 25.05	− 3 18.5	1.303	2.172	18.0	16.9

505460 2013 TY_{78} 5 20.0 198.°22 0.°4/19.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 15.30	−21 56.1	2.261	3.057	13.3	22.0
4 21	16 10.77	−21 16.2	2.166	3.054	10.5	21.8
5 1	16 4.13	−20 27.5	2.094	3.051	7.2	21.6
5 11	15 55.96	−19 31.6	2.048	3.047	3.5	21.3
5 21	15 47.02	−18 31.3	2.031	3.042	0.7	21.1
5 31	15 38.23	−17 30.7	2.042	3.037	4.5	21.4
6 10	15 30.44	−16 34.1	2.081	3.032	8.1	21.6
6 20	15 24.31	−15 45.5	2.146	3.026	11.4	21.8

180113 2003 FN_{31} 5 20.0 43.°08 4.°2/17.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 10.65	−10 7.7	2.224	3.039	12.9	20.3
4 21	16 7.02	− 9 13.4	2.144	3.041	10.2	20.1
5 1	16 1.51	− 8 18.6	2.087	3.043	7.3	19.9
5 11	15 54.66	− 7 27.1	2.057	3.044	4.8	19.8
5 21	15 47.17	− 6 42.8	2.053	3.046	4.5	19.8
5 31	15 39.82	− 6 9.2	2.077	3.048	6.6	19.9
6 10	15 33.38	− 5 48.7	2.126	3.050	9.5	20.1
6 20	15 28.42	− 5 42.3	2.198	3.052	12.2	20.3

436994 2012 TB_{217} 5 20.0 202.°05 2.°0/18.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 13.24	−16 57.5	2.098	2.909	13.7	21.8
4 21	16 9.28	−16 19.5	2.011	2.908	10.7	21.6
5 1	16 3.18	−15 36.4	1.946	2.906	7.3	21.4
5 11	15 55.52	−14 50.7	1.906	2.904	3.7	21.2
5 21	15 47.09	−14 5.5	1.894	2.902	2.2	21.0
5 31	15 38.79	−13 24.6	1.910	2.900	5.3	21.3
6 10	15 31.50	−12 51.5	1.952	2.898	8.9	21.5
6 20	15 25.88	−12 28.7	2.018	2.895	12.2	21.7

339106 2004 RY_{206} 5 20.0 302.°59 6.°0/24.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 15.36	−40 53.3	2.347	3.079	14.6	19.8
4 21	16 11.26	−40 53.8	2.246	3.072	12.5	19.6
5 1	16 4.68	−40 36.3	2.165	3.065	10.1	19.5
5 11	15 56.29	−39 58.4	2.107	3.057	7.7	19.3
5 21	15 47.01	−38 59.4	2.075	3.050	6.2	19.2
5 31	15 37.92	−37 41.6	2.069	3.043	6.4	19.2
6 10	15 30.07	−36 10.6	2.091	3.036	8.4	19.3
6 20	15 24.20	−34 33.3	2.138	3.030	11.0	19.4

38991 2000 UE_{19} 5 20.0 142.°57 5.°8/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 15.18	− 4 8.6	2.236	3.038	13.3	18.5
4 21	16 10.44	− 3 23.5	2.164	3.047	10.7	18.4
5 1	16 3.76	− 2 42.9	2.115	3.056	8.1	18.2
5 11	15 55.74	− 2 10.7	2.092	3.065	6.2	18.1
5 21	15 47.08	− 1 50.5	2.096	3.073	6.0	18.1
5 31	15 38.63	− 1 44.6	2.127	3.081	7.7	18.2
6 10	15 31.15	− 1 53.8	2.184	3.088	10.2	18.4
6 20	15 25.22	− 2 17.6	2.263	3.095	12.7	18.6

486725 2014 DZ_{17} 5 20.0 64.°50 6.°4/21.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 32.68	−29 19.9	0.989	1.804	25.2	21.3
4 21	16 26.74	−30 42.1	0.953	1.842	20.4	21.1
5 1	16 16.02	−31 47.3	0.932	1.880	14.9	20.9
5 11	16 1.87	−32 27.8	0.932	1.917	9.6	20.8
5 21	15 46.45	−32 39.7	0.954	1.954	6.5	20.7
5 31	15 32.20	−32 25.8	0.999	1.991	8.6	21.0
6 10	15 21.11	−31 55.8	1.066	2.026	12.9	21.3
6 20	15 14.12	−31 20.1	1.153	2.062	17.0	21.7

336436 2008 UW_{265} 5 20.0 248.°59 0.°5/20.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 15.21	−23 41.5	2.242	3.036	13.5	21.2
4 21	16 10.94	−23 21.7	2.134	3.019	10.8	21.0
5 1	16 4.43	−22 52.8	2.048	3.003	7.5	20.8
5 11	15 56.21	−22 15.3	1.988	2.985	3.8	20.5
5 21	15 47.03	−21 30.9	1.955	2.967	0.6	20.2
5 31	15 37.85	−20 42.6	1.952	2.949	4.3	20.5
6 10	15 29.61	−19 54.6	1.975	2.930	8.2	20.7
6 20	15 23.05	−19 11.1	2.024	2.911	11.7	20.9

505513 2013 XO_{1} 5 20.0 332.°96 5.°8/19.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 24.55	− 2 26.7	1.467	2.275	18.7	20.2
4 21	16 19.37	− 3 10.6	1.377	2.265	15.3	19.9
5 1	16 10.83	− 4 11.1	1.307	2.255	11.4	19.7
5 11	15 59.56	− 5 30.7	1.261	2.246	7.5	19.4
5 21	15 46.66	− 7 9.4	1.240	2.238	5.9	19.3
5 31	15 33.61	− 9 4.1	1.247	2.230	8.5	19.4
6 10	15 21.96	−11 9.5	1.281	2.223	12.8	19.6
6 20	15 12.88	−13 20.1	1.337	2.217	17.0	19.9

99206 2001 HH_{25} 5 20.0 47.°19 1.°2/20.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 15.12	−23 17.4	1.922	2.726	15.0	19.9
4 21	16 11.12	−23 27.2	1.838	2.729	11.9	19.7
5 1	16 4.64	−23 29.9	1.776	2.732	8.3	19.5
5 11	15 56.31	−23 25.0	1.738	2.734	4.3	19.3
5 21	15 47.03	−23 13.1	1.726	2.737	1.2	19.0
5 31	15 37.88	−22 56.4	1.742	2.740	4.6	19.3
6 10	15 29.90	−22 38.1	1.784	2.743	8.6	19.5
6 20	15 23.87	−22 21.9	1.849	2.746	12.2	19.8

490201 2008 UQ_{352} 5 20.0 236.°64 0.°0/20.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 14.99	−23 14.7	2.417	3.207	12.7	22.5
4 21	16 10.53	−22 38.7	2.308	3.193	10.1	22.3
5 1	16 4.00	−21 53.3	2.223	3.178	7.0	22.1
5 11	15 55.95	−20 59.6	2.164	3.162	3.4	21.8
5 21	15 47.08	−19 59.9	2.134	3.146	0.4	21.5
5 31	15 38.25	−18 57.7	2.133	3.129	4.2	21.8
6 10	15 30.32	−17 57.6	2.160	3.112	7.8	22.0
6 20	15 23.94	−17 3.6	2.213	3.094	11.1	22.2

506722 2006 UM_{247} 5 20.0 116.°91 1.°7/18.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 11.80	−17 47.7	2.327	3.134	12.6	22.1
4 21	16 7.87	−17 0.2	2.244	3.139	9.9	21.9
5 1	16 2.06	−16 7.2	2.184	3.144	6.7	21.7
5 11	15 54.93	−15 11.2	2.151	3.149	3.4	21.5
5 21	15 47.19	−14 15.6	2.145	3.154	1.9	21.4
5 31	15 39.63	−13 24.0	2.169	3.158	4.8	21.6
6 10	15 33.00	−12 40.1	2.219	3.163	8.1	21.8
6 20	15 27.86	−12 6.3	2.294	3.167	11.1	22.0

326795 2003 SZ_{295} 5 20.0 164.°60 1.°6/20.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 19.37	−26 23.3	2.022	2.808	15.0	21.9
4 21	16 14.29	−26 12.1	1.936	2.814	12.0	21.7
5 1	16 6.69	−25 50.0	1.870	2.820	8.4	21.5
5 11	15 57.26	−25 16.8	1.830	2.824	4.6	21.3
5 21	15 46.94	−24 33.8	1.818	2.828	1.6	21.1
5 31	15 36.84	−23 44.3	1.834	2.831	4.6	21.3
6 10	15 28.00	−22 53.3	1.877	2.833	8.5	21.5
6 20	15 21.17	−22 5.6	1.945	2.835	12.0	21.7

463735 2014 QA_{355} 5 20.0 157.°73 4.°2/17.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 16.66	−12 34.1	1.630	2.453	16.5	22.4
4 21	16 12.47	−11 43.7	1.554	2.456	13.0	22.2
5 1	16 5.61	−10 50.6	1.500	2.460	9.1	21.9
5 11	15 56.79	− 9 59.4	1.469	2.463	5.4	21.7
5 21	15 47.00	− 9 14.8	1.465	2.466	4.5	21.7
5 31	15 37.44	− 8 41.4	1.486	2.468	7.6	21.9
6 10	15 29.23	− 8 22.8	1.532	2.470	11.5	22.1
6 20	15 23.16	− 8 20.2	1.600	2.472	15.1	22.3

183784 2004 BA_{29} 5 20.0 199.°56 1.°6/19.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 17.82	−16 41.5	2.053	2.856	14.2	21.4
4 21	16 13.00	−16 24.2	1.960	2.853	11.2	21.2
5 1	16 5.82	−16 3.0	1.890	2.849	7.7	21.0
5 11	15 56.88	−15 39.7	1.846	2.844	3.9	20.8
5 21	15 47.01	−15 16.2	1.829	2.839	1.8	20.6
5 31	15 37.21	−14 55.5	1.840	2.832	5.2	20.8
6 10	15 28.47	−14 40.4	1.879	2.826	9.1	21.0
6 20	15 21.54	−14 33.2	1.941	2.818	12.6	21.2

501723 2014 UJ_{50} 5 20.0 245.°91 0.°0/20.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 16.68	−22 43.7	1.701	2.512	16.4	21.8
4 21	16 12.80	−22 16.1	1.605	2.500	13.1	21.6
5 1	16 6.07	−21 37.4	1.528	2.488	9.1	21.3
5 11	15 57.14	−20 48.5	1.476	2.475	4.5	21.0
5 21	15 46.98	−19 52.1	1.450	2.462	0.5	20.7
5 31	15 36.85	−18 52.8	1.451	2.449	5.5	21.0
6 10	15 28.00	−17 56.7	1.478	2.435	10.2	21.2
6 20	15 21.37	−17 9.3	1.527	2.421	14.4	21.5

519940 2013 RP_{106} 5 20.0 290.°66 3.°0/20.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 18.71	−25 12.7	1.749	2.550	16.4	21.1
4 21	16 14.54	−26 0.2	1.657	2.542	13.3	20.9
5 1	16 7.39	−26 41.7	1.585	2.535	9.6	20.6
5 11	15 57.85	−27 14.5	1.536	2.528	5.6	20.4
5 21	15 46.90	−27 36.5	1.514	2.521	3.0	20.2
5 31	15 35.85	−27 47.5	1.518	2.514	5.6	20.4
6 10	15 26.06	−27 50.1	1.548	2.507	9.7	20.6
6 20	15 18.56	−27 48.3	1.601	2.500	13.6	20.8

499932 2011 HS_{41} 5 20.0 176.°46 2.°0/19.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 17.37	−13 51.9	2.002	2.809	14.4	20.8
4 21	16 12.66	−13 57.7	1.916	2.810	11.4	20.6
5 1	16 5.60	−14 3.7	1.852	2.811	7.8	20.3
5 11	15 56.78	−14 10.9	1.814	2.811	4.0	20.1
5 21	15 47.04	−14 20.5	1.803	2.811	2.1	20.0
5 31	15 37.37	−14 33.9	1.820	2.811	5.3	20.2
6 10	15 28.77	−14 52.3	1.863	2.811	9.1	20.4
6 20	15 22.00	−15 16.8	1.931	2.811	12.5	20.6

272737 2005 YV_{99} 5 20.0 209°.39 0°.9/19.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 16.23	−18 3.3	1.964	2.772	14.6	20.9
4 21	16 11.90	−18 0.5	1.875	2.770	11.5	20.7
5 1	16 5.15	−17 53.7	1.807	2.767	7.9	20.5
5 11	15 56.59	−17 44.0	1.765	2.764	3.8	20.2
5 21	15 47.05	−17 32.8	1.749	2.761	1.0	20.0
5 31	15 37.59	−17 22.3	1.762	2.757	5.0	20.3
6 10	15 29.23	−17 15.2	1.800	2.754	9.0	20.5
6 20	15 22.73	−17 13.9	1.863	2.750	12.6	20.7

475539 2006 TJ_{18} 5 20.0 199°.06 0°.7/20.5 16

4 11	16 14.53	−22 36.1	2.627	3.414	11.9	22.4
4 21	16 9.98	−22 41.6	2.530	3.412	9.4	22.2
5 1	16 3.54	−22 41.7	2.456	3.409	6.5	22.0
5 11	15 55.71	−22 36.3	2.409	3.406	3.3	21.8
5 21	15 47.15	−22 26.2	2.391	3.402	0.7	21.6
5 31	15 38.64	−22 12.7	2.401	3.398	3.7	21.8
6 10	15 30.95	−21 58.2	2.440	3.394	6.9	22.0
6 20	15 24.68	−21 45.2	2.504	3.390	9.8	22.2

59737 1999 LC_{6} 5 20.0 340°.99 7°.0/13.9 18

4 11	16 11.36	−18 27.3	1.321	2.164	18.4	17.0
4 21	16 8.99	−15 0.6	1.234	2.151	14.6	16.7
5 1	16 3.58	−11 5.9	1.171	2.138	10.3	16.5
5 11	15 55.91	− 6 56.7	1.135	2.126	7.2	16.2
5 21	15 47.13	− 2 52.5	1.128	2.115	8.2	16.3
5 31	15 38.61	+ 0 46.2	1.148	2.106	12.3	16.5
6 10	15 31.62	+ 3 44.4	1.193	2.098	16.7	16.7
6 20	15 27.03	+ 5 56.2	1.258	2.091	20.7	16.9

37769 1997 GJ_{18} 5 20.0 300°.45 7°.3/22.8 18

4 11	16 21.32	−38 31.6	2.333	3.066	14.7	18.9
4 21	16 16.38	−39 55.9	2.236	3.060	12.6	18.7
5 1	16 8.58	−41 9.5	2.160	3.053	10.4	18.6
5 11	15 58.44	−42 7.2	2.108	3.047	8.4	18.4
5 21	15 46.84	−42 45.0	2.082	3.041	7.3	18.3
5 31	15 35.01	−43 1.0	2.082	3.035	7.9	18.4
6 10	15 24.25	−42 57.4	2.108	3.029	9.7	18.5
6 20	15 15.59	−42 38.9	2.158	3.024	12.0	18.6

96789 1999 RB_{107} 5 20.0 171°.10 3°.2/21.8 18

4 11	16 18.51	−29 43.3	2.395	3.163	13.4	20.5
4 21	16 13.42	−30 7.4	2.304	3.167	10.9	20.3
5 1	16 6.05	−30 22.1	2.234	3.169	8.1	20.1
5 11	15 56.98	−30 25.7	2.189	3.172	5.1	19.9
5 21	15 47.03	−30 17.5	2.172	3.173	3.2	19.8
5 31	15 37.15	−29 58.8	2.184	3.175	4.7	19.9
6 10	15 28.32	−29 32.6	2.223	3.175	7.6	20.1
6 20	15 21.25	−29 3.1	2.288	3.176	10.5	20.3

111808 2002 CE_{273} 5 20.0 216°.89 1°.1/19.6 17

4 11	16 20.11	−17 27.6	1.906	2.709	15.2	20.7
4 21	16 15.13	−17 25.0	1.809	2.700	12.1	20.5
5 1	16 7.50	−17 18.9	1.733	2.691	8.3	20.2
5 11	15 57.80	−17 10.1	1.682	2.681	4.1	19.9
5 21	15 46.93	−16 59.9	1.659	2.670	1.3	19.7
5 31	15 36.04	−16 50.5	1.664	2.659	5.4	20.0
6 10	15 26.27	−16 44.7	1.696	2.646	9.7	20.2
6 20	15 18.52	−16 45.1	1.751	2.633	13.5	20.4

261921 2006 KR_{51} 5 20.0 29°.57 2°.9/18.9 17

4 11	16 13.76	−16 16.7	1.210	2.057	19.6	20.8
4 21	16 11.08	−15 44.3	1.147	2.063	15.4	20.5
5 1	16 5.09	−15 6.5	1.102	2.070	10.5	20.3
5 11	15 56.67	−14 27.0	1.078	2.078	5.4	20.0
5 21	15 47.06	−13 50.5	1.078	2.087	3.1	19.9
5 31	15 37.80	−13 22.2	1.101	2.096	7.4	20.2
6 10	15 30.28	−13 6.5	1.147	2.105	12.4	20.5
6 20	15 25.42	−13 5.5	1.213	2.115	16.8	20.7

467923 2011 YU_{28} 5 20.0 187°.01 10°.3/14.4 16

4 11	16 20.35	+10 0.0	2.235	2.992	14.6	22.3
4 21	16 14.56	+11 4.2	2.164	2.992	12.8	22.2
5 1	16 6.64	+11 55.3	2.113	2.991	11.3	22.1
5 11	15 57.20	+12 27.0	2.086	2.989	10.4	22.0
5 21	15 47.02	+12 35.0	2.085	2.986	10.6	22.0
5 31	15 37.00	+12 16.9	2.108	2.982	11.7	22.1
6 10	15 28.02	+11 33.7	2.154	2.977	13.5	22.2
6 20	15 20.73	+10 28.7	2.222	2.971	15.4	22.3

514536 2017 BE_{31} 5 20.0 118°.25 0°.7/19.4 18

4 11	16 7.26	−15 57.7	4.442	5.232	7.3	21.2
4 21	16 3.47	−16 1.6	4.349	5.235	5.7	21.0
5 1	15 58.70	−16 4.5	4.281	5.237	3.9	20.9
5 11	15 53.25	−16 7.1	4.242	5.239	1.9	20.8
5 21	15 47.44	−16 10.0	4.232	5.242	0.8	20.7
5 31	15 41.68	−16 13.8	4.252	5.244	2.5	20.8
6 10	15 36.33	−16 19.5	4.302	5.247	4.5	21.0
6 20	15 31.71	−16 27.7	4.378	5.249	6.3	21.1

203764 2002 RY_{195} 5 20.0 157°.48 0°.6/20.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 14.64	−22 35.5	2.146	2.945	13.8	21.3
4 21	16 10.45	−22 33.0	2.058	2.947	10.9	21.1
5 1	16 4.05	−22 23.5	1.993	2.948	7.6	20.9
5 11	15 56.01	−22 7.5	1.952	2.950	3.8	20.7
5 21	15 47.15	−21 46.0	1.939	2.951	0.7	20.4
5 31	15 38.40	−21 21.4	1.954	2.952	4.3	20.7
6 10	15 30.69	−20 57.0	1.996	2.953	8.0	20.9
6 20	15 24.72	−20 36.0	2.063	2.954	11.3	21.1

308520 2005 UW_{52} 5 20.0 202°.46 0°.7/19.6 18

4 11	16 12.71	−17 56.9	3.063	3.854	10.3	21.7
4 21	16 8.21	−17 48.6	2.964	3.849	8.1	21.6
5 1	16 2.17	−17 37.3	2.889	3.844	5.5	21.4
5 11	15 55.00	−17 23.9	2.841	3.839	2.7	21.2
5 21	15 47.26	−17 9.6	2.822	3.833	0.8	21.0
5 31	15 39.56	−16 56.0	2.833	3.827	3.5	21.2
6 10	15 32.51	−16 44.8	2.873	3.820	6.3	21.4
6 20	15 26.62	−16 37.6	2.939	3.813	8.9	21.5

465385 2008 FR_{23} 5 20.0 353°.10 0°.7/20.3 17

4 11	16 16.86	−20 6.1	1.488	2.311	17.7	20.9
4 21	16 13.29	−20 34.3	1.407	2.309	14.1	20.7
5 1	16 6.61	−20 58.5	1.346	2.307	9.8	20.4
5 11	15 57.48	−21 18.0	1.307	2.306	4.9	20.1
5 21	15 46.99	−21 32.3	1.293	2.305	0.8	19.8
5 31	15 36.55	−21 42.4	1.305	2.305	5.7	20.1
6 10	15 27.56	−21 51.1	1.342	2.305	10.5	20.4
6 20	15 21.05	−22 1.4	1.400	2.305	14.8	20.7

311233 2005 CT_{9} 5 20.0 163°.33 0°.4/19.9 17

4 11	16 19.12	−19 45.4	1.807	2.613	15.8	21.0
4 21	16 14.33	−19 39.2	1.725	2.618	12.5	20.8
5 1	16 6.88	−19 27.1	1.663	2.622	8.5	20.6
5 11	15 57.44	−19 9.9	1.626	2.625	4.1	20.3
5 21	15 47.00	−18 49.2	1.616	2.628	0.7	20.1
5 31	15 36.73	−18 27.7	1.634	2.631	5.2	20.4
6 10	15 27.76	−18 9.2	1.678	2.633	9.4	20.7
6 20	15 20.90	−17 56.7	1.746	2.634	13.2	20.9

215210 2000 SB_{351} 5 20.0 246°.05 0°.3/19.9 18

4 11	16 16.23	−18 1.4	2.519	3.312	12.2	20.5
4 21	16 11.44	−18 19.7	2.415	3.301	9.6	20.3
5 1	16 4.65	−18 36.3	2.335	3.290	6.6	20.1
5 11	15 56.32	−18 51.1	2.281	3.279	3.2	19.9
5 21	15 47.12	−19 4.4	2.255	3.267	0.5	19.6
5 31	15 37.86	−19 16.8	2.260	3.255	4.0	19.9
6 10	15 29.38	−19 29.8	2.292	3.243	7.5	20.1
6 20	15 22.36	−19 44.8	2.350	3.231	10.5	20.3

17663 1996 VK_{30} 5 20.1 158°.64 2°.1/18.8 18

4 11	16 16.08	−14 46.8	2.472	3.269	12.3	19.5
4 21	16 11.07	−14 22.2	2.389	3.277	9.6	19.3
5 1	16 4.20	−13 55.4	2.329	3.285	6.6	19.1
5 11	15 56.00	−13 28.2	2.295	3.291	3.5	18.9
5 21	15 47.17	−13 2.8	2.291	3.297	2.2	18.8
5 31	15 38.50	−12 41.7	2.316	3.303	4.8	19.0
6 10	15 30.73	−12 27.1	2.368	3.308	7.9	19.2
6 20	15 24.45	−12 20.6	2.446	3.311	10.7	19.4

523163 2016 TB_{98} 5 20.1 282°.39 2°.1/21.4 17

4 11	16 12.61	−28 12.2	2.333	3.119	13.2	21.3
4 21	16 8.84	−28 2.0	2.235	3.111	10.7	21.1
5 1	16 2.94	−27 41.2	2.158	3.104	7.7	20.9
5 11	15 55.48	−27 9.4	2.106	3.097	4.4	20.7
5 21	15 47.22	−26 27.7	2.081	3.089	2.1	20.5
5 31	15 39.04	−25 38.7	2.085	3.082	4.2	20.6
6 10	15 31.82	−24 46.7	2.116	3.075	7.5	20.8
6 20	15 26.23	−23 55.9	2.171	3.067	10.7	21.0

172073 2002 AF_{85} 5 20.1 269°.39 8°.6/14.6 16

4 11	16 11.91	+ 5 17.9	2.352	3.139	13.1	19.9
4 21	16 7.96	+ 6 15.7	2.273	3.131	11.3	19.8
5 1	16 2.18	+ 7 3.8	2.216	3.122	9.6	19.6
5 11	15 55.06	+ 7 37.4	2.183	3.114	8.6	19.6
5 21	15 47.27	+ 7 52.2	2.175	3.105	8.8	19.5
5 31	15 39.55	+ 7 45.9	2.192	3.096	10.1	19.6
6 10	15 32.66	+ 7 18.2	2.232	3.088	12.0	19.7
6 20	15 27.18	+ 6 31.1	2.294	3.079	13.9	19.8

13271 1998 QZ_{35} 5 20.1 257°.08 4°.4/22.3 18

4 11	16 17.12	−32 26.9	2.182	2.950	14.6	18.7
4 21	16 12.84	−32 53.2	2.076	2.936	12.1	18.5
5 1	16 5.98	−33 8.0	1.992	2.922	9.2	18.2
5 11	15 57.09	−33 8.8	1.931	2.908	6.3	18.0
5 21	15 47.04	−32 54.1	1.897	2.893	4.4	17.9
5 31	15 36.93	−32 25.0	1.891	2.878	5.6	17.9
6 10	15 27.89	−31 45.1	1.910	2.863	8.6	18.1
6 20	15 20.80	−30 59.7	1.955	2.848	11.8	18.2

205685 2001 YW_{77} 5 20.1 46°.33 2°.8/19.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 17.04	−14 20.5	1.324	2.160	18.8	19.7
4 21	16 13.46	−14 11.0	1.256	2.165	14.9	19.5
5 1	16 6.66	−14 0.1	1.206	2.171	10.2	19.2
5 11	15 57.45	−13 50.5	1.179	2.178	5.4	19.0
5 21	15 47.02	−13 44.8	1.176	2.184	3.0	18.9
5 31	15 36.85	−13 45.9	1.197	2.191	7.1	19.1
6 10	15 28.33	−13 56.3	1.242	2.198	11.9	19.4
6 20	15 22.40	−14 17.2	1.308	2.205	16.1	19.7

210931 2001 TZ_{125} 5 20.1 273°.75 5°.8/16.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 12.29	− 4 27.2	2.220	3.028	13.1	20.0
4 21	16 8.46	− 3 43.4	2.128	3.015	10.7	19.8
5 1	16 2.64	− 3 3.2	2.058	3.002	8.2	19.6
5 11	15 55.35	− 2 30.8	2.014	2.988	6.2	19.5
5 21	15 47.25	− 2 9.8	1.996	2.975	6.1	19.4
5 31	15 39.18	− 2 3.2	2.004	2.961	7.9	19.5
6 10	15 31.94	− 2 12.6	2.038	2.947	10.6	19.7
6 20	15 26.20	− 2 37.5	2.095	2.934	13.3	19.8

76838 2000 ST_{347} 5 20.1 239°.59 2°.6/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 7.14	−35 23.1	4.798	5.531	7.6	20.3
4 21	16 3.48	−35 20.2	4.691	5.525	6.3	20.2
5 1	15 58.76	−35 9.7	4.606	5.518	4.9	20.0
5 11	15 53.30	−34 51.4	4.549	5.512	3.5	19.9
5 21	15 47.48	−34 25.6	4.519	5.506	2.6	19.9
5 31	15 41.73	−33 53.3	4.519	5.499	3.0	19.9
6 10	15 36.43	−33 16.0	4.548	5.493	4.3	20.0
6 20	15 31.95	−32 35.8	4.603	5.486	5.7	20.1

290050 2005 QC_{48} 5 20.1 213°.93 4°.3/17.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 11.47	− 7 38.3	2.592	3.397	11.6	21.0
4 21	16 7.44	− 6 57.1	2.504	3.393	9.2	20.9
5 1	16 1.75	− 6 17.4	2.440	3.388	6.8	20.7
5 11	15 54.84	− 5 42.2	2.401	3.384	4.7	20.6
5 21	15 47.33	− 5 14.5	2.391	3.379	4.4	20.5
5 31	15 39.89	− 4 56.9	2.408	3.374	6.2	20.6
6 10	15 33.20	− 4 50.9	2.452	3.368	8.7	20.8
6 20	15 27.80	− 4 57.1	2.520	3.363	11.2	20.9

385464 2003 TQ_{16} 5 20.1 183°.52 0°.1/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 16.72	−20 15.6	2.736	3.521	11.5	22.2
4 21	16 11.56	−20 20.3	2.640	3.521	9.1	22.1
5 1	16 4.56	−20 21.1	2.568	3.521	6.2	21.9
5 11	15 56.22	−20 18.1	2.523	3.521	3.0	21.7
5 21	15 47.18	−20 12.0	2.507	3.519	0.3	21.4
5 31	15 38.20	−20 4.1	2.521	3.517	3.7	21.7
6 10	15 30.02	−19 56.4	2.564	3.515	6.8	21.9
6 20	15 23.22	−19 51.0	2.633	3.511	9.6	22.1

62374 2000 SW_{151} 5 20.1 176°.61 2°.6/21.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 15.77	−27 7.0	2.398	3.178	13.1	19.6
4 21	16 11.27	−27 35.7	2.306	3.179	10.6	19.4
5 1	16 4.61	−27 57.2	2.236	3.179	7.6	19.2
5 11	15 56.33	−28 9.9	2.191	3.179	4.5	19.0
5 21	15 47.17	−28 13.3	2.174	3.179	2.6	18.9
5 31	15 38.05	−28 8.2	2.185	3.179	4.4	19.0
6 10	15 29.87	−27 57.2	2.224	3.179	7.4	19.2
6 20	15 23.34	−27 43.4	2.288	3.179	10.4	19.4

156480 2002 CH_{62} 5 20.1 334°.89 7°.1/22.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 16.96	−32 33.0	1.528	2.323	18.6	19.1
4 21	16 14.01	−33 52.6	1.439	2.313	15.7	18.9
5 1	16 7.56	−35 1.8	1.369	2.303	12.3	18.6
5 11	15 58.17	−35 54.6	1.321	2.294	9.0	18.4
5 21	15 46.95	−36 26.2	1.296	2.285	7.1	18.3
5 31	15 35.52	−36 34.6	1.295	2.277	8.4	18.3
6 10	15 25.59	−36 23.4	1.317	2.270	11.7	18.5
6 20	15 18.47	−35 59.0	1.361	2.264	15.3	18.7

106637 2000 WU_{132} 5 20.1 203°.53 3°.6/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 14.75	−34 22.7	2.682	3.434	12.5	19.6
4 21	16 10.28	−34 17.9	2.583	3.431	10.4	19.4
5 1	16 3.80	−34 0.4	2.505	3.428	7.9	19.2
5 11	15 55.87	−33 29.1	2.452	3.425	5.3	19.1
5 21	15 47.23	−32 44.3	2.427	3.422	3.7	18.9
5 31	15 38.72	−31 48.3	2.430	3.418	4.5	19.0
6 10	15 31.18	−30 45.0	2.461	3.414	7.0	19.1
6 20	15 25.21	−29 39.3	2.519	3.409	9.6	19.3

308056 2004 TX_{91} 5 20.1 139°.60 0°.9/19.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 18.22	−20 23.5	1.636	2.450	16.8	21.5
4 21	16 13.80	−19 52.1	1.560	2.458	13.2	21.3
5 1	16 6.58	−19 12.1	1.504	2.465	9.0	21.1
5 11	15 57.32	−18 25.4	1.472	2.472	4.4	20.8
5 21	15 47.09	−17 35.3	1.467	2.478	1.2	20.6
5 31	15 37.13	−16 46.7	1.489	2.485	5.7	20.9
6 10	15 28.63	−16 4.6	1.536	2.490	10.2	21.2
6 20	15 22.39	−15 33.0	1.606	2.495	14.1	21.4

262354 2006 TK_{72} 5 20.1 179°.83 3°.2/18.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 17.63	−12 31.8	1.809	2.622	15.4	20.7
4 21	16 13.09	−12 15.9	1.726	2.623	12.2	20.5
5 1	16 6.02	−11 59.9	1.665	2.624	8.5	20.3
5 11	15 57.06	−11 46.0	1.629	2.624	4.8	20.1
5 21	15 47.11	−11 36.9	1.619	2.624	3.3	20.0
5 31	15 37.29	−11 35.1	1.636	2.623	6.4	20.2
6 10	15 28.66	−11 42.5	1.679	2.623	10.3	20.4
6 20	15 22.02	−12 0.1	1.745	2.621	13.8	20.6

248929 2006 WZ_{11} 5 20.1 109°.48 0°.6/19.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 12.03	−21 37.3	2.352	3.153	12.7	20.2
4 21	16 8.10	−20 50.4	2.265	3.157	10.0	20.0
5 1	16 2.27	−19 55.2	2.202	3.160	6.8	19.8
5 11	15 55.11	−18 53.9	2.165	3.164	3.2	19.6
5 21	15 47.32	−17 49.6	2.156	3.167	0.8	19.4
5 31	15 39.72	−16 46.3	2.176	3.171	4.3	19.7
6 10	15 33.07	−15 48.2	2.223	3.174	7.7	19.9
6 20	15 27.92	−14 58.7	2.296	3.178	10.7	20.1

455858 2005 UL_{34} 5 20.1 168°.96 0°.2/20.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 20.99	−21 44.7	1.734	2.536	16.5	22.5
4 21	16 15.97	−21 37.9	1.651	2.541	13.1	22.3
5 1	16 8.10	−21 23.2	1.588	2.545	9.0	22.0
5 11	15 58.10	−21 0.8	1.550	2.548	4.4	21.8
5 21	15 47.01	−20 32.4	1.538	2.550	0.5	21.5
5 31	15 36.10	−20 1.0	1.555	2.552	5.2	21.8
6 10	15 26.59	−19 31.1	1.597	2.553	9.7	22.1
6 20	15 19.36	−19 6.9	1.663	2.553	13.7	22.3

335141 2004 VZ_{38} 5 20.1 304°.38 1°.0/19.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 13.07	−19 55.4	1.788	2.606	15.4	21.2
4 21	16 9.69	−19 25.6	1.699	2.600	12.2	21.0
5 1	16 3.79	−18 47.9	1.632	2.594	8.3	20.7
5 11	15 56.00	−18 4.2	1.588	2.588	4.0	20.4
5 21	15 47.22	−17 17.6	1.571	2.582	1.2	20.2
5 31	15 38.55	−16 32.2	1.581	2.577	5.4	20.5
6 10	15 31.05	−15 52.8	1.616	2.572	9.7	20.7
6 20	15 25.51	−15 23.1	1.674	2.566	13.5	20.9

107768 2001 FN_{41} 5 20.1 327°.00 0°.1/20.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 13.03	−20 38.1	1.355	2.191	18.5	19.4
4 21	16 10.63	−20 35.5	1.270	2.180	14.7	19.1
5 1	16 5.00	−20 25.0	1.204	2.170	10.2	18.8
5 11	15 56.80	−20 7.3	1.159	2.160	5.0	18.5
5 21	15 47.13	−19 44.3	1.138	2.150	0.6	18.2
5 31	15 37.46	−19 19.4	1.142	2.142	6.2	18.5
6 10	15 29.28	−18 57.8	1.168	2.134	11.4	18.8
6 20	15 23.65	−18 43.7	1.216	2.126	16.1	19.0

308645 2006 AR_{72} 5 20.1 355°.55 4°.5/18.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 8.76	−13 55.0	1.008	1.877	21.0	20.1
4 21	16 7.86	−13 18.9	0.942	1.871	16.7	19.8
5 1	16 3.35	−12 38.8	0.893	1.866	11.6	19.5
5 11	15 56.04	−12 0.4	0.864	1.864	6.5	19.2
5 21	15 47.22	−11 29.7	0.855	1.862	4.7	19.1
5 31	15 38.57	−11 12.6	0.868	1.862	9.0	19.3
6 10	15 31.74	−11 13.2	0.901	1.863	14.3	19.6
6 20	15 27.81	−11 32.5	0.951	1.866	19.1	19.9

155284 2005 WC_{190} 5 20.1 149°.41 8°.2/24.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 22.26	−40 50.8	1.978	2.712	16.9	19.9
4 21	16 17.47	−41 52.2	1.893	2.716	14.6	19.8
5 1	16 9.45	−42 37.4	1.827	2.719	12.1	19.6
5 11	15 58.88	−43 0.8	1.784	2.722	9.7	19.5
5 21	15 46.92	−42 58.8	1.764	2.725	8.3	19.4
5 31	15 35.06	−42 31.5	1.770	2.728	8.6	19.4
6 10	15 24.74	−41 43.5	1.800	2.731	10.5	19.5
6 20	15 17.02	−40 42.3	1.854	2.733	13.0	19.7

392733 2012 RN_{13} 5 20.1 207°.85 3°.1/17.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 13.55	−12 8.9	2.543	3.345	11.8	22.0
4 21	16 9.14	−11 27.0	2.448	3.339	9.3	21.8
5 1	16 2.95	−10 43.3	2.378	3.333	6.6	21.6
5 11	15 55.46	−10 0.7	2.334	3.326	3.9	21.4
5 21	15 47.30	− 9 22.1	2.319	3.318	3.3	21.4
5 31	15 39.21	− 8 50.5	2.332	3.310	5.5	21.5
6 10	15 31.91	− 8 28.4	2.373	3.302	8.4	21.7
6 20	15 25.97	− 8 17.2	2.438	3.293	11.1	21.8

13670 1997 JD_{15} 5 20.1 74°.36 1°.4/19.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 18.64	−17 39.3	1.310	2.141	19.2	17.9
4 21	16 14.77	−17 33.7	1.244	2.151	15.2	17.7
5 1	16 7.59	−17 23.4	1.196	2.161	10.4	17.4
5 11	15 57.93	−17 9.9	1.171	2.171	5.1	17.1
5 21	15 47.06	−16 55.4	1.170	2.181	1.6	16.9
5 31	15 36.52	−16 43.3	1.194	2.191	6.5	17.3
6 10	15 27.74	−16 37.4	1.242	2.201	11.5	17.6
6 20	15 21.66	−16 40.4	1.311	2.212	15.9	17.9

102531 1999 UP_4 5 20.1 242°.41 1°.1/20.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 18.74	−23 37.5	1.916	2.713	15.3	20.4
4 21	16 14.27	−23 40.6	1.812	2.698	12.3	20.2
5 1	16 7.07	−23 35.5	1.728	2.682	8.7	19.9
5 11	15 57.70	−23 21.8	1.669	2.666	4.5	19.6
5 21	15 47.07	−22 59.8	1.637	2.649	1.2	19.4
5 31	15 36.35	−22 31.7	1.633	2.631	5.0	19.6
6 10	15 26.73	−22 1.5	1.655	2.613	9.3	19.8
6 20	15 19.17	−21 33.8	1.701	2.594	13.3	20.0

423881 2006 RN_{85} 5 20.1 198°.77 0°.9/20.5 17

4 11	16 18.59	−23 28.8	2.052	2.845	14.6	22.7
4 21	16 13.77	−23 26.7	1.958	2.842	11.6	22.4
5 1	16 6.47	−23 16.8	1.885	2.838	8.1	22.2
5 11	15 57.30	−22 58.7	1.838	2.834	4.2	22.0
5 21	15 47.13	−22 33.4	1.818	2.829	0.9	21.7
5 31	15 37.03	−22 3.4	1.826	2.824	4.6	22.0
6 10	15 28.05	−21 32.5	1.861	2.817	8.6	22.2
6 20	15 20.99	−21 4.6	1.921	2.810	12.2	22.4

379979 2012 TM_{52} 5 20.1 238°.80 2°.9/23.1 18

4 11	16 8.10	−35 23.5	4.566	5.298	8.0	20.9
4 21	16 4.33	−35 39.8	4.465	5.297	6.6	20.8
5 1	15 59.41	−35 48.8	4.387	5.297	5.2	20.7
5 11	15 53.67	−35 50.1	4.336	5.296	3.8	20.6
5 21	15 47.52	−35 43.4	4.313	5.295	2.9	20.5
5 31	15 41.39	−35 29.3	4.318	5.294	3.3	20.5
6 10	15 35.75	−35 9.4	4.352	5.293	4.6	20.6
6 20	15 30.95	−34 45.4	4.412	5.292	6.0	20.7

59360 1999 DY_1 5 20.1 202°.12 1°.2/20.5 18

4 11	16 20.66	−22 40.6	1.736	2.538	16.5	19.1
4 21	16 15.92	−22 55.2	1.646	2.535	13.2	18.9
5 1	16 8.25	−23 3.0	1.576	2.531	9.2	18.6
5 11	15 58.28	−23 2.8	1.530	2.527	4.8	18.3
5 21	15 47.03	−22 54.9	1.511	2.522	1.2	18.1
5 31	15 35.81	−22 40.9	1.519	2.517	5.2	18.3
6 10	15 25.92	−22 24.7	1.553	2.511	9.8	18.6
6 20	15 18.33	−22 10.4	1.610	2.505	13.8	18.8

288659 2004 PL_{56} 5 20.1 339°.18 5°.6/21.8 17

4 11	16 13.30	−29 4.9	1.115	1.950	21.7	20.1
4 21	16 11.92	−29 55.1	1.037	1.940	17.9	19.8
5 1	16 6.54	−30 32.0	0.975	1.931	13.4	19.6
5 11	15 57.81	−30 50.5	0.933	1.923	8.6	19.3
5 21	15 47.06	−30 47.6	0.912	1.916	5.6	19.1
5 31	15 36.26	−30 24.0	0.913	1.910	8.0	19.2
6 10	15 27.39	−29 46.3	0.935	1.905	12.8	19.4
6 20	15 21.87	−29 3.5	0.975	1.901	17.7	19.7

185844 2000 CY_{136} 5 20.1 215°.75 1°.6/19.2 18

4 11	16 17.00	−17 14.3	2.051	2.855	14.2	21.7
4 21	16 12.43	−16 50.3	1.955	2.848	11.2	21.5
5 1	16 5.52	−16 21.4	1.881	2.840	7.7	21.3
5 11	15 56.83	−15 49.6	1.833	2.831	3.9	21.0
5 21	15 47.19	−15 17.2	1.812	2.822	1.8	20.9
5 31	15 37.59	−14 47.4	1.820	2.812	5.3	21.1
6 10	15 29.02	−14 23.6	1.854	2.802	9.2	21.3
6 20	15 22.25	−14 8.5	1.913	2.791	12.7	21.5

102092 1999 RD_{155} 5 20.1 201°.26 5°.4/24.1 18

4 11	16 17.64	−40 49.3	3.209	3.916	11.5	20.9
4 21	16 12.47	−41 19.7	3.106	3.911	9.9	20.8
5 1	16 5.31	−41 38.3	3.023	3.906	8.1	20.6
5 11	15 56.66	−41 42.6	2.966	3.901	6.4	20.5
5 21	15 47.21	−41 31.2	2.935	3.895	5.4	20.4
5 31	15 37.80	−41 4.6	2.932	3.889	5.7	20.4
6 10	15 29.25	−40 25.5	2.956	3.882	7.1	20.5
6 20	15 22.20	−39 37.7	3.006	3.875	8.9	20.6

29125 Kyivphysfak 5 20.1 117°.06 0°.5/19.9 18

4 11	16 21.17	−18 52.6	1.587	2.399	17.3	18.3
4 21	16 16.21	−18 58.0	1.516	2.412	13.7	18.1
5 1	16 8.29	−18 58.7	1.465	2.425	9.3	17.9
5 11	15 58.20	−18 55.1	1.438	2.437	4.5	17.6
5 21	15 47.06	−18 48.4	1.437	2.449	0.7	17.4
5 31	15 36.20	−18 40.9	1.463	2.460	5.5	17.7
6 10	15 26.89	−18 35.7	1.515	2.471	10.1	18.0
6 20	15 19.98	−18 35.9	1.589	2.482	14.1	18.3

163730 2003 JT_{15} 5 20.1 292°.53 1°.5/20.5 17

4 11	16 17.16	−22 21.8	1.406	2.229	18.6	20.1
4 21	16 14.18	−22 46.4	1.305	2.207	15.0	19.8
5 1	16 7.74	−23 4.9	1.224	2.184	10.6	19.5
5 11	15 58.34	−23 15.7	1.164	2.162	5.6	19.2
5 21	15 47.01	−23 17.9	1.128	2.139	1.6	18.8
5 31	15 35.32	−23 12.6	1.117	2.117	6.3	19.1
6 10	15 24.98	−23 3.7	1.130	2.094	11.8	19.3
6 20	15 17.32	−22 56.0	1.163	2.072	16.8	19.5

73795 1995 FH_8 5 20.1 71°.20 4°.8/14.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 4.32	+ 3 1.9	4.293	5.074	7.7	19.2
4 21	16 1.22	+ 3 51.8	4.222	5.078	6.5	19.2
5 1	15 57.21	+ 4 36.8	4.175	5.083	5.4	19.1
5 11	15 52.58	+ 5 14.4	4.155	5.088	4.8	19.0
5 21	15 47.66	+ 5 42.8	4.163	5.092	5.0	19.1
5 31	15 42.81	+ 6 0.4	4.197	5.097	5.8	19.1
6 10	15 38.38	+ 6 6.9	4.257	5.102	6.9	19.2
6 20	15 34.64	+ 6 2.2	4.339	5.107	8.1	19.3

384046 2008 UH_{205} 5 20.1 270°.71 9°.1/14.5 17

4 11	16 14.77	+ 3 21.5	2.075	2.869	14.4	20.8
4 21	16 10.66	+ 4 27.8	1.980	2.845	12.4	20.6
5 1	16 4.34	+ 5 26.3	1.906	2.821	10.4	20.4
5 11	15 56.30	+ 6 10.7	1.856	2.797	9.2	20.3
5 21	15 47.27	+ 6 35.4	1.831	2.772	9.5	20.3
5 31	15 38.17	+ 6 36.7	1.831	2.747	11.1	20.3
6 10	15 29.94	+ 6 13.3	1.854	2.722	13.5	20.4
6 20	15 23.33	+ 5 27.0	1.897	2.696	16.0	20.5

497465 2005 YR_{130} 5 20.1 64°.76 6°.7/24.2 17

4 11	16 19.65	−38 32.9	1.734	2.494	18.1	21.0
4 21	16 15.23	−38 55.4	1.668	2.514	15.2	20.9
5 1	16 7.68	−38 58.1	1.620	2.534	12.0	20.7
5 11	15 57.89	−38 37.7	1.594	2.554	8.9	20.5
5 21	15 47.13	−37 53.4	1.592	2.574	6.9	20.5
5 31	15 36.85	−36 48.7	1.615	2.594	7.4	20.5
6 10	15 28.35	−35 30.6	1.664	2.615	9.8	20.7
6 20	15 22.45	−34 7.8	1.736	2.635	12.7	21.0

469482 2002 TW_{124} 5 20.1 300°.74 3°.7/22.1 17

4 11	16 13.89	−30 57.8	1.880	2.670	15.8	20.8
4 21	16 10.73	−31 2.5	1.771	2.647	13.1	20.5
5 1	16 4.81	−30 53.2	1.681	2.624	9.8	20.3
5 11	15 56.67	−30 27.9	1.615	2.600	6.2	20.0
5 21	15 47.23	−29 46.2	1.574	2.577	3.8	19.8
5 31	15 37.68	−28 50.4	1.559	2.555	5.6	19.9
6 10	15 29.29	−27 45.9	1.570	2.532	9.4	20.0
6 20	15 23.01	−26 39.5	1.605	2.509	13.2	20.2

117389 2004 YD_{23} 5 20.1 275°.27 5°.7/13.3 18

4 11	16 5.12	+ 9 18.2	4.419	5.176	7.9	19.7
4 21	16 1.84	+ 9 57.3	4.343	5.170	6.9	19.6
5 1	15 57.64	+10 29.4	4.290	5.165	6.1	19.5
5 11	15 52.80	+10 52.0	4.263	5.159	5.7	19.5
5 21	15 47.65	+11 3.5	4.261	5.154	5.8	19.5
5 31	15 42.55	+11 2.6	4.286	5.148	6.5	19.5
6 10	15 37.86	+10 49.3	4.334	5.142	7.5	19.6
6 20	15 33.85	+10 24.1	4.405	5.137	8.5	19.7

34144 Alexandersun 5 20.1 174°.27 1°.8/19.3 17

4 11	16 17.30	−17 18.7	1.525	2.348	17.4	19.3
4 21	16 13.39	−16 58.3	1.446	2.349	13.7	19.0
5 1	16 6.53	−16 32.6	1.387	2.350	9.4	18.8
5 11	15 57.43	−16 3.7	1.351	2.350	4.7	18.5
5 21	15 47.17	−15 34.6	1.340	2.350	2.0	18.3
5 31	15 37.08	−15 9.3	1.356	2.351	6.3	18.6
6 10	15 28.43	−14 51.7	1.396	2.350	11.0	18.9
6 20	15 22.13	−14 44.6	1.458	2.350	15.1	19.1

11137 Yarigatake 5 20.1 284°.01 1°.7/19.1 18

4 11	16 12.52	−16 53.6	2.233	3.042	13.0	18.2
4 21	16 8.86	−16 26.4	2.123	3.019	10.3	18.0
5 1	16 3.09	−15 54.4	2.036	2.996	7.1	17.7
5 11	15 55.69	−15 19.5	1.975	2.973	3.6	17.5
5 21	15 47.35	−14 44.3	1.940	2.950	1.9	17.3
5 31	15 38.94	−14 11.8	1.934	2.926	5.1	17.5
6 10	15 31.35	−13 45.4	1.955	2.902	8.8	17.7
6 20	15 25.30	−13 27.7	1.999	2.879	12.2	17.8

197943 2004 RO_{72} 5 20.1 257°.63 12°.2/25.2 18

4 11	16 26.90	−49 23.6	1.995	2.679	18.2	20.7
4 21	16 22.29	−51 8.0	1.906	2.673	16.6	20.5
5 1	16 13.57	−52 34.9	1.834	2.666	14.8	20.4
5 11	16 1.30	−53 35.7	1.782	2.660	13.2	20.2
5 21	15 46.75	−54 3.3	1.752	2.653	12.3	20.2
5 31	15 31.89	−53 54.5	1.744	2.646	12.4	20.2
6 10	15 18.82	−53 13.1	1.758	2.640	13.4	20.2
6 20	15 9.09	−52 7.3	1.793	2.633	15.2	20.3

488972 2005 UD_{313} 5 20.1 240°.99 1°.9/21.4 18

4 11	16 14.75	−27 28.4	3.056	3.823	10.8	22.9
4 21	16 10.09	−27 37.5	2.940	3.806	8.7	22.7
5 1	16 3.65	−27 39.5	2.848	3.789	6.3	22.6
5 11	15 55.88	−27 33.9	2.782	3.770	3.7	22.4
5 21	15 47.35	−27 20.5	2.745	3.752	1.9	22.2
5 31	15 38.77	−27 0.4	2.738	3.733	3.6	22.3
6 10	15 30.87	−26 36.0	2.760	3.713	6.3	22.4
6 20	15 24.23	−26 10.1	2.808	3.693	8.9	22.6

477943 2011 QH_{94} 5 20.1 179°.58 3°.6/22.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 15.71	−32 47.2	2.640	3.397	12.6	22.5
4 21	16 11.09	−32 58.6	2.545	3.398	10.4	22.3
5 1	16 4.42	−32 59.0	2.471	3.398	7.8	22.2
5 11	15 56.25	−32 47.0	2.423	3.399	5.2	22.0
5 21	15 47.32	−32 22.5	2.402	3.398	3.6	21.9
5 31	15 38.49	−31 47.0	2.410	3.398	4.6	22.0
6 10	15 30.62	−31 3.9	2.446	3.397	7.0	22.1
6 20	15 24.33	−30 17.5	2.507	3.396	9.7	22.3

506494 2003 UK_{336} 5 20.1 236°.47 1°.4/19.3 17

4 11	16 14.09	−18 0.6	2.126	2.933	13.6	22.6
4 21	16 10.08	−17 35.2	2.031	2.926	10.8	22.3
5 1	16 3.87	−17 4.5	1.959	2.919	7.4	22.1
5 11	15 56.04	−16 30.3	1.912	2.911	3.6	21.9
5 21	15 47.34	−15 55.1	1.892	2.903	1.5	21.7
5 31	15 38.70	−15 22.1	1.901	2.894	5.0	21.9
6 10	15 31.04	−14 54.7	1.936	2.886	8.7	22.1
6 20	15 25.04	−14 35.5	1.996	2.877	12.1	22.3

475692 2006 VQ_{102} 5 20.1 169°.04 0°.7/19.5 18

4 11	16 12.66	−20 35.5	2.922	3.711	10.8	22.0
4 21	16 8.21	−19 54.0	2.830	3.715	8.4	21.8
5 1	16 2.18	−19 6.4	2.762	3.718	5.7	21.6
5 11	15 55.07	−18 14.4	2.723	3.721	2.8	21.4
5 21	15 47.45	−17 20.3	2.712	3.723	0.8	21.3
5 31	15 39.98	−16 27.1	2.732	3.725	3.6	21.5
6 10	15 33.26	−15 37.8	2.780	3.727	6.5	21.7
6 20	15 27.78	−14 55.2	2.855	3.728	9.1	21.8

367283 2007 TE_{331} 5 20.1 168°.50 0°.1/20.1 17

4 11	16 18.51	−22 24.5	1.857	2.659	15.6	21.5
4 21	16 13.83	−22 1.3	1.773	2.663	12.3	21.3
5 1	16 6.54	−21 28.9	1.709	2.666	8.5	21.1
5 11	15 57.35	−20 48.4	1.671	2.669	4.2	20.8
5 21	15 47.22	−20 1.9	1.659	2.671	0.4	20.5
5 31	15 37.29	−19 13.7	1.676	2.673	5.0	20.9
6 10	15 28.64	−18 28.4	1.719	2.674	9.2	21.1
6 20	15 22.07	−17 50.4	1.785	2.674	12.9	21.4

194837 2002 AJ 5 20.1 164°.89 1°.5/19.4 16

4 11	16 20.33	−16 53.7	1.845	2.650	15.5	21.1
4 21	16 15.20	−16 42.7	1.763	2.656	12.2	20.9
5 1	16 7.47	−16 28.0	1.702	2.661	8.4	20.7
5 11	15 57.81	−16 11.0	1.666	2.665	4.2	20.4
5 21	15 47.18	−15 53.7	1.658	2.668	1.7	20.2
5 31	15 36.71	−15 38.7	1.678	2.671	5.5	20.5
6 10	15 27.51	−15 29.1	1.724	2.673	9.6	20.7
6 20	15 20.37	−15 27.0	1.793	2.674	13.3	21.0

367097 2006 QN_{187} 5 20.1 295°.85 2°.4/19.2 17

4 11	16 14.86	−15 56.8	1.481	2.312	17.4	21.2
4 21	16 11.95	−15 41.1	1.380	2.288	13.9	20.9
5 1	16 5.93	−15 21.3	1.299	2.264	9.7	20.6
5 11	15 57.36	−14 59.5	1.241	2.241	5.0	20.2
5 21	15 47.20	−14 38.6	1.207	2.217	2.6	20.0
5 31	15 36.79	−14 22.4	1.198	2.193	7.0	20.2
6 10	15 27.59	−14 14.9	1.213	2.170	12.1	20.4
6 20	15 20.75	−14 19.2	1.249	2.146	16.7	20.6

228217 1996 RU_{16} 5 20.1 160°.11 1°.4/19.4 17

4 11	16 14.97	−18 19.3	1.837	2.652	15.2	21.0
4 21	16 11.05	−17 55.0	1.754	2.653	12.0	20.8
5 1	16 4.65	−17 25.1	1.693	2.654	8.2	20.5
5 11	15 56.45	−16 51.3	1.655	2.655	4.0	20.3
5 21	15 47.32	−16 16.4	1.645	2.656	1.5	20.1
5 31	15 38.34	−15 44.0	1.662	2.656	5.4	20.4
6 10	15 30.55	−15 17.9	1.704	2.657	9.5	20.6
6 20	15 24.70	−15 0.8	1.770	2.657	13.1	20.8

352460 2008 AA_{86} 5 20.1 184°.52 4°.1/22.9 17

4 11	16 16.34	−34 33.8	2.711	3.458	12.5	21.8
4 21	16 11.59	−34 49.7	2.614	3.458	10.4	21.6
5 1	16 4.77	−34 54.1	2.539	3.458	8.0	21.5
5 11	15 56.43	−34 45.4	2.489	3.457	5.6	21.3
5 21	15 47.32	−34 23.0	2.466	3.456	4.1	21.2
5 31	15 38.30	−33 48.3	2.472	3.455	4.9	21.3
6 10	15 30.23	−33 4.7	2.505	3.453	7.1	21.4
6 20	15 23.76	−32 16.3	2.564	3.451	9.6	21.6

124659 2001 SO_{80} 5 20.1 163°.80 2°.5/18.5 17

4 11	16 16.49	−14 33.8	2.382	3.181	12.6	21.4
4 21	16 11.50	−13 55.4	2.298	3.188	9.9	21.3
5 1	16 4.58	−13 14.0	2.238	3.194	6.8	21.1
5 11	15 56.29	−12 32.3	2.204	3.199	3.7	20.9
5 21	15 47.35	−11 53.0	2.199	3.204	2.6	20.8
5 31	15 38.58	−11 19.2	2.224	3.208	5.2	21.0
6 10	15 30.76	−10 53.7	2.275	3.211	8.3	21.2
6 20	15 24.47	−10 38.1	2.352	3.214	11.2	21.4

426933 2013 XF_{12} 5 20.1 132°.16 0°.3/19.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 16.59	−19 39.4	2.174	2.973	13.7	21.6
4 21	16 11.88	−19 38.3	2.093	2.982	10.7	21.5
5 1	16 5.00	−19 32.6	2.034	2.991	7.3	21.3
5 11	15 56.55	−19 22.9	2.001	2.999	3.6	21.0
5 21	15 47.32	−19 10.4	1.995	3.007	0.5	20.8
5 31	15 38.26	−18 57.1	2.018	3.015	4.3	21.1
6 10	15 30.26	−18 45.6	2.068	3.022	8.0	21.3
6 20	15 23.97	−18 38.4	2.143	3.029	11.2	21.6

423581 2005 VS_{87} 5 20.1 71°.56 0°.1/20.1 15

4 11	16 19.36	−19 22.1	1.687	2.498	16.5	21.2
4 21	16 14.59	−19 41.9	1.621	2.516	13.0	21.0
5 1	16 7.09	−19 57.5	1.575	2.534	8.9	20.8
5 11	15 57.62	−20 8.8	1.554	2.553	4.3	20.6
5 21	15 47.22	−20 16.1	1.559	2.571	0.4	20.3
5 31	15 37.14	−20 20.9	1.592	2.590	5.0	20.7
6 10	15 28.49	−20 25.7	1.650	2.608	9.3	21.0
6 20	15 22.07	−20 33.1	1.732	2.626	13.0	21.3

272791 2005 YZ_{267} 5 20.1 357°.10 5°.8/22.4 17

4 11	16 11.32	−31 35.4	1.341	2.158	19.6	20.3
4 21	16 9.64	−32 16.9	1.263	2.153	16.3	20.0
5 1	16 4.52	−32 42.9	1.203	2.150	12.4	19.8
5 11	15 56.67	−32 49.7	1.164	2.147	8.4	19.6
5 21	15 47.30	−32 35.2	1.147	2.146	5.8	19.4
5 31	15 38.04	−32 1.3	1.153	2.147	7.4	19.5
6 10	15 30.46	−31 14.4	1.182	2.148	11.2	19.7
6 20	15 25.68	−30 22.5	1.231	2.151	15.3	20.0

434486 2005 RA_{32} 5 20.1 257°.57 5°.9/15.6 18

4 11	16 12.54	− 0 34.5	2.919	3.706	10.8	22.0
4 21	16 8.22	+ 0 14.0	2.814	3.682	9.0	21.8
5 1	16 2.32	+ 0 58.2	2.732	3.657	7.2	21.6
5 11	15 55.23	+ 1 34.5	2.676	3.632	6.0	21.5
5 21	15 47.47	+ 1 59.8	2.649	3.606	6.1	21.5
5 31	15 39.66	+ 2 11.3	2.648	3.579	7.5	21.5
6 10	15 32.45	+ 2 7.8	2.674	3.552	9.5	21.6
6 20	15 26.35	+ 1 49.5	2.723	3.525	11.6	21.7

293682 2007 PH_{33} 5 20.1 305°.14 5°.6/22.2 18

4 11	16 15.35	−31 24.9	1.323	2.135	20.1	20.0
4 21	16 13.17	−31 58.0	1.230	2.118	16.8	19.7
5 1	16 7.24	−32 15.5	1.154	2.101	12.7	19.4
5 11	15 58.17	−32 12.9	1.099	2.084	8.5	19.1
5 21	15 47.14	−31 47.3	1.066	2.068	5.7	18.9
5 31	15 35.94	−31 0.3	1.057	2.052	7.6	18.9
6 10	15 26.42	−29 58.7	1.070	2.036	12.1	19.1
6 20	15 19.94	−28 52.2	1.103	2.021	16.8	19.3

470289 2007 EM_{135} 5 20.1 32°.58 4°.6/17.9 17

4 11	16 12.06	−12 52.7	1.383	2.225	17.8	20.6
4 21	16 9.23	−11 54.9	1.324	2.237	14.0	20.4
5 1	16 3.59	−10 54.5	1.284	2.249	9.8	20.1
5 11	15 55.95	− 9 57.1	1.267	2.262	5.9	19.9
5 21	15 47.41	− 9 8.5	1.274	2.275	4.9	19.9
5 31	15 39.23	− 8 33.9	1.305	2.289	8.1	20.1
6 10	15 32.56	− 8 16.6	1.360	2.304	12.1	20.4
6 20	15 28.14	− 8 17.2	1.435	2.320	15.7	20.7

141292 2001 YR_{81} 5 20.1 207°.67 1°.1/20.9 18

4 11	16 14.07	−24 57.0	3.063	3.839	10.6	21.1
4 21	16 9.42	−24 52.6	2.959	3.832	8.5	21.0
5 1	16 3.11	−24 41.6	2.878	3.825	5.9	20.8
5 11	15 55.59	−24 24.2	2.823	3.817	3.2	20.6
5 21	15 47.44	−24 1.0	2.798	3.809	1.1	20.4
5 31	15 39.33	−23 33.7	2.803	3.800	3.3	20.6
6 10	15 31.92	−23 4.7	2.837	3.791	6.1	20.7
6 20	15 25.74	−22 36.7	2.897	3.781	8.7	20.9

61673 2000 QN_{121} 5 20.1 226°.15 0°.5/20.4 18

4 11	16 15.72	−23 3.1	2.023	2.824	14.5	19.6
4 21	16 11.58	−22 50.2	1.929	2.817	11.5	19.4
5 1	16 5.02	−22 28.8	1.855	2.811	8.0	19.1
5 11	15 56.66	−21 59.4	1.807	2.804	4.0	18.9
5 21	15 47.33	−21 23.5	1.786	2.797	0.6	18.6
5 31	15 38.07	−20 44.3	1.792	2.790	4.6	18.9
6 10	15 29.90	−20 5.9	1.825	2.783	8.6	19.1
6 20	15 23.58	−19 32.3	1.883	2.775	12.2	19.3

477985 2011 SE_{99} 5 20.1 336°.66 0°.8/19.7 17

4 11	16 12.22	−19 14.5	1.952	2.768	14.4	21.3
4 21	16 8.83	−19 0.2	1.864	2.763	11.4	21.1
5 1	16 3.14	−18 40.3	1.797	2.759	7.8	20.8
5 11	15 55.74	−18 16.1	1.755	2.755	3.8	20.6
5 21	15 47.43	−17 49.9	1.739	2.751	0.9	20.3
5 31	15 39.21	−17 24.4	1.751	2.747	4.9	20.6
6 10	15 32.03	−17 3.1	1.788	2.744	8.8	20.9
6 20	15 26.63	−16 48.7	1.849	2.741	12.4	21.1

499602 2010 TK_{153} 5 20.1 262°.93 2°.2/21.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 16.86	−27 5.5	1.671	2.474	17.0	21.5
4 21	16 13.24	−26 58.4	1.573	2.460	13.8	21.2
5 1	16 6.61	−26 38.1	1.494	2.446	9.9	21.0
5 11	15 57.60	−26 3.6	1.438	2.432	5.5	20.7
5 21	15 47.24	−25 15.6	1.408	2.418	2.2	20.4
5 31	15 36.85	−24 17.9	1.404	2.403	5.4	20.6
6 10	15 27.81	−23 16.7	1.425	2.388	10.1	20.8
6 20	15 21.11	−22 18.8	1.470	2.373	14.4	21.0

325040 2008 CN_{107} 5 20.1 220°.32 4°.9/22.5 17

4 11	16 22.30	−33 56.8	2.188	2.941	15.0	22.1
4 21	16 17.02	−34 25.3	2.082	2.930	12.5	21.9
5 1	16 8.95	−34 41.3	1.996	2.918	9.7	21.7
5 11	15 58.68	−34 41.6	1.935	2.905	6.7	21.5
5 21	15 47.14	−34 24.2	1.900	2.892	4.9	21.3
5 31	15 35.55	−33 49.9	1.893	2.877	6.0	21.4
6 10	15 25.12	−33 2.9	1.914	2.862	8.9	21.5
6 20	15 16.81	−32 9.1	1.959	2.846	12.1	21.7

369958 1993 TV_{45} 5 20.1 195°.44 0°.4/20.3 18

4 11	16 18.44	−21 31.9	2.353	3.141	13.1	22.1
4 21	16 13.33	−21 33.9	2.256	3.138	10.4	21.9
5 1	16 6.03	−21 30.4	2.182	3.135	7.2	21.7
5 11	15 57.11	−21 21.4	2.133	3.130	3.6	21.5
5 21	15 47.32	−21 7.7	2.114	3.126	0.5	21.2
5 31	15 37.56	−20 51.1	2.123	3.120	4.1	21.5
6 10	15 28.76	−20 34.2	2.161	3.114	7.7	21.7
6 20	15 21.61	−20 19.9	2.224	3.107	11.0	21.9

523034 2016 PZ_{125} 5 20.1 301°.23 0°.1/20.0 18

4 11	16 12.25	−22 31.8	2.122	2.927	13.8	21.2
4 21	16 8.67	−22 0.1	2.030	2.922	10.9	20.9
5 1	16 2.93	−21 19.4	1.960	2.918	7.5	20.7
5 11	15 55.60	−20 31.3	1.915	2.913	3.6	20.5
5 21	15 47.47	−19 38.1	1.897	2.909	0.4	20.2
5 31	15 39.46	−18 43.9	1.907	2.905	4.4	20.5
6 10	15 32.46	−17 53.0	1.944	2.901	8.2	20.7
6 20	15 27.13	−17 9.3	2.006	2.896	11.7	20.9

394012 2005 VA_{59} 5 20.1 191°.80 0°.0/20.1 16

4 11	16 12.72	−23 39.2	2.728	3.515	11.5	21.0
4 21	16 8.44	−22 53.7	2.632	3.514	9.1	20.8
5 1	16 2.46	−21 59.5	2.559	3.513	6.2	20.6
5 11	15 55.27	−20 58.1	2.514	3.511	3.0	20.4
5 21	15 47.51	−19 52.1	2.497	3.509	0.3	20.2
5 31	15 39.90	−18 45.0	2.511	3.507	3.6	20.5
6 10	15 33.12	−17 40.7	2.553	3.505	6.8	20.7
6 20	15 27.68	−16 42.8	2.622	3.502	9.6	20.8

155455 1998 ML_{24} 5 20.1 307°.05 5°.1/18.6 17

4 11	16 14.28	−11 24.5	1.185	2.034	19.8	19.6
4 21	16 12.44	−11 3.0	1.082	1.999	16.1	19.2
5 1	16 6.95	−10 41.3	0.997	1.964	11.6	18.9
5 11	15 58.21	−10 23.9	0.932	1.929	7.0	18.5
5 21	15 47.17	−10 15.9	0.889	1.894	5.3	18.3
5 31	15 35.43	−10 22.4	0.868	1.859	9.6	18.4
6 10	15 24.89	−10 47.2	0.868	1.825	15.5	18.5
6 20	15 17.13	−11 31.5	0.886	1.792	21.1	18.7

479706 2014 DL_{119} 5 20.1 292°.45 5°.2/22.7 16

4 11	16 16.11	−34 1.2	2.125	2.892	15.0	21.3
4 21	16 12.22	−34 38.3	2.025	2.881	12.5	21.1
5 1	16 5.70	−35 3.6	1.945	2.870	9.7	20.9
5 11	15 57.11	−35 13.7	1.889	2.859	6.9	20.7
5 21	15 47.32	−35 7.0	1.858	2.848	5.3	20.6
5 31	15 37.48	−34 43.9	1.854	2.837	6.2	20.6
6 10	15 28.75	−34 8.0	1.876	2.826	8.9	20.7
6 20	15 22.03	−33 24.8	1.921	2.816	11.9	20.9

404685 2014 HR_{171} 5 20.1 338°.58 2°.6/18.8 16

4 11	16 13.15	−12 19.7	2.261	3.070	12.9	21.0
4 21	16 9.13	−12 10.2	2.174	3.069	10.2	20.8
5 1	16 3.14	−12 1.0	2.110	3.068	7.1	20.6
5 11	15 55.69	−11 54.0	2.071	3.066	4.0	20.4
5 21	15 47.49	−11 50.9	2.060	3.065	2.8	20.3
5 31	15 39.37	−11 53.6	2.077	3.064	5.3	20.5
6 10	15 32.14	−12 3.5	2.121	3.063	8.5	20.6
6 20	15 26.41	−12 21.4	2.188	3.062	11.5	20.8

98109 2000 RN_{92} 5 20.1 180°.03 4°.5/22.3 18

4 11	16 20.63	−31 46.7	1.748	2.529	17.2	20.0
4 21	16 16.10	−32 7.5	1.661	2.530	14.2	19.8
5 1	16 8.48	−32 14.2	1.594	2.530	10.6	19.6
5 11	15 58.48	−32 3.8	1.549	2.531	6.9	19.4
5 21	15 47.22	−31 35.3	1.530	2.530	4.6	19.2
5 31	15 36.10	−30 50.9	1.538	2.530	6.1	19.3
6 10	15 26.49	−29 56.3	1.571	2.529	9.7	19.5
6 20	15 19.35	−28 58.8	1.628	2.527	13.4	19.7

380868 2006 BC_{241} 5 20.1 228°.96 2°.5/18.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 16.23	−13 37.1	2.432	3.231	12.4	21.9
4 21	16 11.50	−13 10.8	2.328	3.217	9.8	21.7
5 1	16 4.76	−12 42.5	2.246	3.202	6.8	21.5
5 11	15 56.52	−12 14.2	2.192	3.186	3.8	21.3
5 21	15 47.43	−11 48.3	2.166	3.170	2.7	21.2
5 31	15 38.32	−11 27.5	2.168	3.153	5.3	21.3
6 10	15 30.02	−11 14.1	2.199	3.136	8.5	21.5
6 20	15 23.18	−11 9.9	2.254	3.117	11.6	21.6

313103 2000 WD_{76} 5 20.1 199°.91 1°.2/20.7 17

4 11	16 19.82	−23 56.8	1.892	2.687	15.6	21.7
4 21	16 15.05	−23 59.9	1.799	2.684	12.5	21.5
5 1	16 7.56	−23 54.6	1.727	2.680	8.7	21.2
5 11	15 57.99	−23 40.3	1.680	2.676	4.6	21.0
5 21	15 47.29	−23 17.5	1.660	2.671	1.2	20.7
5 31	15 36.65	−22 48.8	1.667	2.665	4.9	21.0
6 10	15 27.24	−22 18.3	1.701	2.659	9.1	21.2
6 20	15 19.93	−21 50.3	1.760	2.652	12.9	21.4

475593 2006 UW_{60} 5 20.1 169°.66 1°.3/20.9 17

4 11	16 14.42	−24 54.7	2.670	3.452	11.8	22.4
4 21	16 9.92	−24 56.9	2.578	3.455	9.4	22.3
5 1	16 3.57	−24 52.3	2.508	3.457	6.6	22.1
5 11	15 55.88	−24 40.7	2.465	3.459	3.5	21.9
5 21	15 47.51	−24 22.8	2.450	3.460	1.3	21.7
5 31	15 39.23	−24 0.3	2.465	3.462	3.6	21.9
6 10	15 31.79	−23 35.9	2.507	3.463	6.7	22.1
6 20	15 25.77	−23 12.3	2.575	3.463	9.5	22.3

128314 Coraliejackman 5 20.1 212°.55 4°.0/17.5 18 R

4 11	16 16.44	−11 42.7	2.194	2.998	13.4	20.5
4 21	16 11.78	−10 41.5	2.099	2.990	10.6	20.3
5 1	16 4.99	− 9 37.3	2.027	2.981	7.6	20.1
5 11	15 56.63	− 8 33.9	1.981	2.971	4.8	19.9
5 21	15 47.44	− 7 35.7	1.964	2.960	4.3	19.8
5 31	15 38.31	− 6 47.1	1.975	2.949	6.7	19.9
6 10	15 30.13	− 6 11.5	2.013	2.936	10.0	20.1
6 20	15 23.56	− 5 50.8	2.074	2.923	13.0	20.3

203766 2002 RX_{202} 5 20.1 204°.19 3°.1/21.9 17

4 11	16 15.88	−30 14.3	2.303	3.077	13.7	20.6
4 21	16 11.54	−30 21.3	2.208	3.075	11.2	20.5
5 1	16 4.93	−30 17.3	2.134	3.072	8.2	20.3
5 11	15 56.63	−30 1.0	2.085	3.069	5.1	20.1
5 21	15 47.45	−29 32.7	2.063	3.066	3.1	19.9
5 31	15 38.36	−28 54.2	2.070	3.063	4.6	20.0
6 10	15 30.31	−28 9.5	2.103	3.060	7.7	20.2
6 20	15 24.02	−27 23.3	2.161	3.056	10.8	20.4

38039 1998 RD_{24} 5 20.1 351°.95 1°.0/19.6 18

4 11	16 10.65	−18 38.4	1.928	2.747	14.4	18.4
4 21	16 7.63	−18 21.6	1.842	2.743	11.3	18.2
5 1	16 2.35	−17 59.6	1.777	2.740	7.7	18.0
5 11	15 55.40	−17 34.0	1.737	2.737	3.8	17.7
5 21	15 47.58	−17 7.1	1.723	2.734	1.2	17.5
5 31	15 39.84	−16 41.9	1.736	2.732	4.9	17.8
6 10	15 33.15	−16 21.7	1.775	2.731	8.9	18.0
6 20	15 28.20	−16 9.1	1.836	2.730	12.4	18.2

497177 2004 TA_{34} 5 20.1 204°.17 0°.4/20.3 17

4 11	16 16.40	−22 29.3	2.397	3.187	12.8	23.0
4 21	16 11.71	−22 18.6	2.299	3.182	10.2	22.8
5 1	16 4.93	−22 1.1	2.223	3.176	7.0	22.6
5 11	15 56.61	−21 37.2	2.173	3.170	3.5	22.3
5 21	15 47.47	−21 8.1	2.152	3.164	0.4	22.1
5 31	15 38.38	−20 36.2	2.160	3.157	4.0	22.3
6 10	15 30.22	−20 4.8	2.195	3.149	7.6	22.5
6 20	15 23.64	−19 37.0	2.256	3.141	10.8	22.7

247787 2003 SL_{13} 5 20.1 190°.80 3°.2/21.5 17

4 11	16 20.89	−28 17.5	1.904	2.687	15.9	21.0
4 21	16 16.00	−28 38.3	1.812	2.686	12.9	20.8
5 1	16 8.29	−28 48.7	1.741	2.684	9.4	20.6
5 11	15 58.38	−28 46.5	1.694	2.682	5.7	20.3
5 21	15 47.29	−28 31.1	1.674	2.679	3.2	20.2
5 31	15 36.26	−28 4.0	1.681	2.676	5.3	20.3
6 10	15 26.54	−27 29.5	1.715	2.672	9.1	20.5
6 20	15 19.02	−26 53.2	1.773	2.668	12.7	20.7

510888 2013 CW_{152} 5 20.1 197°.29 5°.3/15.7 18

4 11	16 11.94	− 0 17.6	3.261	4.043	9.9	23.0
4 21	16 7.47	+ 0 27.7	3.174	4.039	8.2	22.9
5 1	16 1.66	+ 1 8.6	3.112	4.035	6.5	22.8
5 11	15 54.89	+ 1 41.7	3.077	4.030	5.4	22.7
5 21	15 47.65	+ 2 4.6	3.069	4.024	5.5	22.7
5 31	15 40.47	+ 2 15.3	3.090	4.018	6.6	22.8
6 10	15 33.87	+ 2 12.9	3.137	4.011	8.3	22.9
6 20	15 28.30	+ 1 57.9	3.207	4.003	10.1	23.0

506807 2007 MZ_2 5 20.1 340°.03 1°.6/19.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 10.96	−18 17.6	1.515	2.350	16.9	21.1
4 21	16 8.57	−17 54.4	1.430	2.341	13.4	20.8
5 1	16 3.38	−17 24.5	1.366	2.332	9.2	20.5
5 11	15 56.04	−16 50.2	1.324	2.324	4.5	20.2
5 21	15 47.52	−16 14.7	1.306	2.317	1.8	20.0
5 31	15 39.06	−15 42.4	1.314	2.310	6.1	20.3
6 10	15 31.90	−15 17.8	1.345	2.305	10.8	20.5
6 20	15 26.93	−15 4.1	1.398	2.300	15.0	20.8

432945 2012 EB_{17} 5 20.1 324°.50 4°.4/19.1 17

4 11	16 15.88	− 9 31.2	1.357	2.194	18.4	20.0
4 21	16 12.85	− 9 35.4	1.271	2.180	14.8	19.7
5 1	16 6.60	− 9 44.9	1.204	2.166	10.6	19.5
5 11	15 57.75	−10 3.0	1.158	2.153	6.3	19.2
5 21	15 47.35	−10 31.9	1.137	2.141	4.6	19.0
5 31	15 36.82	−11 13.1	1.140	2.130	8.0	19.2
6 10	15 27.66	−12 6.5	1.166	2.119	12.7	19.4
6 20	15 20.99	−13 10.9	1.212	2.109	17.2	19.6

419755 2010 VU_{96} 5 20.1 180°.41 0°.0/20.1 17

4 11	16 18.99	−20 40.5	2.068	2.864	14.4	22.5
4 21	16 14.02	−20 36.3	1.978	2.865	11.4	22.3
5 1	16 6.65	−20 26.1	1.911	2.866	7.8	22.0
5 11	15 57.49	−20 10.6	1.869	2.867	3.8	21.8
5 21	15 47.40	−19 50.8	1.854	2.866	0.4	21.5
5 31	15 37.41	−19 29.1	1.868	2.865	4.6	21.8
6 10	15 28.53	−19 8.9	1.910	2.863	8.5	22.1
6 20	15 21.52	−18 53.1	1.975	2.861	12.0	22.3

302326 2002 AB_{76} 5 20.1 96°.85 3°.0/19.0 18

4 11	16 20.92	−13 56.8	1.546	2.363	17.4	21.7
4 21	16 15.86	−13 37.1	1.485	2.384	13.7	21.5
5 1	16 7.98	−13 16.1	1.445	2.405	9.4	21.3
5 11	15 58.10	−12 56.4	1.428	2.425	5.0	21.1
5 21	15 47.35	−12 40.8	1.438	2.445	3.1	21.0
5 31	15 37.03	−12 32.2	1.474	2.464	6.6	21.3
6 10	15 28.29	−12 33.2	1.535	2.482	10.7	21.6
6 20	15 21.89	−12 44.7	1.619	2.501	14.4	21.8

505601 2014 DC_{50} 5 20.1 88°.86 6°.2/16.3 17

4 11	16 12.11	− 3 27.7	2.243	3.050	13.0	21.4
4 21	16 8.14	− 2 29.2	2.176	3.060	10.6	21.3
5 1	16 2.34	− 1 35.3	2.132	3.071	8.2	21.2
5 11	15 55.27	− 0 50.5	2.114	3.082	6.4	21.1
5 21	15 47.62	− 0 18.7	2.121	3.092	6.4	21.1
5 31	15 40.18	− 0 2.5	2.156	3.103	8.0	21.2
6 10	15 33.66	− 0 3.1	2.215	3.113	10.3	21.4
6 20	15 28.60	− 0 19.7	2.297	3.124	12.7	21.5

120913 1998 SE_{78} 5 20.1 162°.41 0°.3/20.3 16

4 11	16 19.65	−22 49.6	1.614	2.422	17.2	20.5
4 21	16 15.19	−22 32.0	1.533	2.427	13.7	20.2
5 1	16 7.76	−22 4.2	1.472	2.431	9.5	20.0
5 11	15 58.11	−21 27.0	1.436	2.434	4.7	19.7
5 21	15 47.34	−20 42.5	1.425	2.437	0.5	19.4
5 31	15 36.80	−19 55.1	1.441	2.439	5.4	19.8
6 10	15 27.76	−19 10.4	1.482	2.441	10.1	20.0
6 20	15 21.09	−18 33.2	1.547	2.442	14.2	20.3

333492 2004 XX_{148} 5 20.1 207°.40 3°.7/22.7 18

4 11	16 18.28	−33 40.3	2.604	3.354	12.9	22.2
4 21	16 13.24	−33 44.5	2.500	3.348	10.7	22.0
5 1	16 6.00	−33 36.5	2.417	3.340	8.1	21.8
5 11	15 57.15	−33 14.7	2.359	3.333	5.5	21.6
5 21	15 47.45	−32 38.9	2.329	3.324	3.8	21.5
5 31	15 37.82	−31 50.8	2.328	3.315	4.7	21.5
6 10	15 29.18	−30 54.3	2.355	3.306	7.3	21.7
6 20	15 22.21	−29 54.5	2.408	3.295	10.1	21.8

508636 2017 TO_8 5 20.1 203°.17 4°.0/17.7 17

4 11	16 15.26	−10 11.6	2.324	3.127	12.8	21.6
4 21	16 10.71	− 9 27.2	2.233	3.123	10.2	21.4
5 1	16 4.20	− 8 42.2	2.165	3.117	7.3	21.2
5 11	15 56.24	− 7 59.9	2.124	3.112	4.7	21.0
5 21	15 47.54	− 7 23.8	2.110	3.105	4.1	21.0
5 31	15 38.91	− 6 57.1	2.125	3.098	6.3	21.1
6 10	15 31.16	− 6 42.0	2.166	3.090	9.3	21.2
6 20	15 24.92	− 6 39.6	2.231	3.082	12.2	21.4

287945 2003 UJ_{84} 5 20.1 166°.18 0°.6/20.4 18

4 11	16 16.03	−22 1.9	2.115	2.913	14.0	21.3
4 21	16 11.69	−22 8.0	2.027	2.915	11.1	21.1
5 1	16 5.05	−22 8.1	1.961	2.916	7.7	20.9
5 11	15 56.72	−22 2.3	1.920	2.917	3.9	20.7
5 21	15 47.49	−21 51.1	1.906	2.918	0.7	20.4
5 31	15 38.36	−21 36.6	1.921	2.919	4.3	20.7
6 10	15 30.28	−21 21.7	1.962	2.919	8.1	21.0
6 20	15 23.96	−21 9.2	2.028	2.920	11.5	21.2

292522 2006 TH_{36} 5 20.1 2°.98 5°.5/21.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 22.36	−28 28.2	1.535	2.332	18.5	20.3
4 21	16 18.11	−29 51.3	1.453	2.331	15.2	20.1
5 1	16 10.33	−31 7.4	1.390	2.331	11.4	19.9
5 11	15 59.63	−32 10.9	1.349	2.331	7.6	19.6
5 21	15 47.19	−32 56.8	1.334	2.332	5.5	19.5
5 31	15 34.63	−33 23.2	1.344	2.332	7.4	19.6
6 10	15 23.62	−33 32.7	1.379	2.333	11.1	19.8
6 20	15 15.43	−33 30.9	1.436	2.334	14.9	20.1

39656 1995 US_{11} 5 20.1 305°.19 7°.1/21.9 18

4 11	16 18.70	−33 6.4	1.682	2.465	17.7	18.7
4 21	16 15.52	−34 20.7	1.569	2.434	15.0	18.4
5 1	16 8.86	−35 26.5	1.474	2.403	11.9	18.2
5 11	15 59.12	−36 18.2	1.402	2.372	8.8	17.9
5 21	15 47.22	−36 50.0	1.354	2.342	7.1	17.7
5 31	15 34.66	−36 59.0	1.331	2.311	8.4	17.7
6 10	15 23.23	−36 47.1	1.331	2.281	11.8	17.8
6 20	15 14.40	−36 20.6	1.354	2.251	15.7	18.0

122616 2000 RG_{51} 5 20.1 264°.56 1°.0/19.5 18

4 11	16 16.54	−19 3.3	2.215	3.014	13.4	21.0
4 21	16 12.19	−18 39.0	2.097	2.987	10.7	20.8
5 1	16 5.53	−18 8.3	2.001	2.959	7.4	20.5
5 11	15 57.04	−17 32.3	1.932	2.930	3.7	20.2
5 21	15 47.46	−16 53.2	1.890	2.901	1.2	20.0
5 31	15 37.72	−16 14.1	1.876	2.870	4.9	20.2
6 10	15 28.81	−15 38.8	1.890	2.839	8.9	20.4
6 20	15 21.54	−15 10.8	1.929	2.808	12.6	20.5

379359 2009 WX_{176} 5 20.1 188°.53 1°.2/19.4 17

4 11	16 15.47	−19 36.3	2.061	2.866	14.1	21.8
4 21	16 11.20	−18 58.2	1.972	2.866	11.1	21.6
5 1	16 4.68	−18 12.9	1.906	2.865	7.6	21.3
5 11	15 56.51	−17 22.3	1.865	2.864	3.7	21.1
5 21	15 47.52	−16 29.5	1.851	2.862	1.4	20.9
5 31	15 38.68	−15 38.6	1.866	2.860	5.0	21.2
6 10	15 30.91	−14 53.8	1.908	2.858	8.8	21.4
6 20	15 24.90	−14 18.5	1.974	2.855	12.2	21.6

342472 2008 UE_{129} 5 20.1 322°.08 1°.6/20.8 17

4 11	16 10.13	−24 44.3	1.405	2.237	18.1	20.3
4 21	16 8.64	−24 43.7	1.300	2.207	14.7	20.0
5 1	16 3.95	−24 30.9	1.215	2.177	10.5	19.7
5 11	15 56.58	−24 5.1	1.151	2.149	5.6	19.3
5 21	15 47.49	−23 27.0	1.110	2.121	1.6	19.0
5 31	15 38.12	−22 40.0	1.093	2.094	6.0	19.2
6 10	15 30.03	−21 50.7	1.098	2.068	11.5	19.4
6 20	15 24.44	−21 5.8	1.125	2.043	16.5	19.6

468711 2010 CW_{120} 5 20.1 79°.20 6°.5/16.9 17

4 11	16 14.04	− 4 3.6	1.915	2.729	14.7	20.9
4 21	16 10.05	− 3 16.8	1.845	2.734	12.0	20.7
5 1	16 3.85	− 2 35.1	1.795	2.739	9.1	20.6
5 11	15 56.09	− 2 3.4	1.771	2.745	6.9	20.4
5 21	15 47.58	− 1 45.6	1.771	2.750	6.7	20.4
5 31	15 39.26	− 1 44.5	1.798	2.756	8.6	20.6
6 10	15 32.01	− 2 0.9	1.849	2.761	11.3	20.7
6 20	15 26.50	− 2 33.6	1.923	2.767	14.1	20.9

180388 2003 YU_{171} 5 20.1 250°.22 4°.6/22.1 17

4 11	16 19.17	−31 7.3	1.754	2.539	17.0	20.7
4 21	16 15.15	−31 35.8	1.657	2.529	14.1	20.5
5 1	16 8.02	−31 51.6	1.580	2.518	10.6	20.3
5 11	15 58.41	−31 51.6	1.525	2.507	6.9	20.0
5 21	15 47.34	−31 34.0	1.495	2.496	4.6	19.9
5 31	15 36.22	−31 0.1	1.492	2.484	6.3	19.9
6 10	15 26.45	−30 14.8	1.514	2.472	10.0	20.1
6 20	15 19.11	−29 24.8	1.559	2.460	13.8	20.3

308729 2006 HZ_{38} 5 20.1 10°.23 1°.4/19.8 16

4 11	16 15.93	−16 26.2	1.204	2.047	19.9	20.0
4 21	16 13.14	−16 39.3	1.134	2.048	15.8	19.7
5 1	16 6.86	−16 50.5	1.082	2.050	10.8	19.4
5 11	15 57.87	−17 0.9	1.052	2.052	5.4	19.1
5 21	15 47.41	−17 11.6	1.044	2.055	1.6	18.9
5 31	15 37.11	−17 24.5	1.060	2.059	6.7	19.2
6 10	15 28.54	−17 42.0	1.099	2.064	12.1	19.5
6 20	15 22.79	−18 6.1	1.158	2.069	16.7	19.8

178543 1999 VP_1 5 20.1 263°.45 2°.3/20.9 18

4 11	16 19.27	−24 32.8	1.673	2.477	16.9	20.8
4 21	16 15.26	−25 2.6	1.575	2.463	13.7	20.5
5 1	16 8.15	−25 25.4	1.497	2.450	9.8	20.3
5 11	15 58.51	−25 39.0	1.442	2.436	5.5	20.0
5 21	15 47.34	−25 42.4	1.413	2.422	2.3	19.7
5 31	15 36.00	−25 36.2	1.410	2.408	5.6	19.9
6 10	15 25.92	−25 23.9	1.432	2.393	10.2	20.1
6 20	15 18.22	−25 10.2	1.478	2.379	14.4	20.3

133490 2003 SR_{271} 5 20.1 349°.23 14°.3/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 24.88	−56 6.1	1.862	2.517	20.2	19.3
4 21	16 21.40	−57 31.7	1.782	2.514	18.7	19.1
5 1	16 13.26	−58 33.0	1.716	2.511	17.1	19.0
5 11	16 1.26	−59 1.0	1.666	2.509	15.7	18.9
5 21	15 47.07	−58 49.1	1.636	2.507	14.6	18.8
5 31	15 33.09	−57 55.2	1.625	2.506	14.3	18.8
6 10	15 21.64	−56 24.9	1.634	2.505	14.8	18.8
6 20	15 14.13	−54 28.4	1.664	2.504	16.1	18.9

441738 2009 BL_{102} 5 20.1 309°.09 20°.6/ 4.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 11.65	+12 8.9	1.049	1.877	23.2	20.6
4 21	16 9.97	+15 38.0	1.003	1.868	21.6	20.4
5 1	16 4.76	+18 46.4	0.975	1.859	20.7	20.3
5 11	15 56.85	+21 14.9	0.964	1.851	20.8	20.3
5 21	15 47.51	+22 49.3	0.969	1.843	22.0	20.3
5 31	15 38.37	+23 22.0	0.989	1.836	23.9	20.4
6 10	15 30.97	+22 55.3	1.022	1.829	26.0	20.5
6 20	15 26.35	+21 37.4	1.065	1.822	28.2	20.7

507097 2009 FW_{72} 5 20.1 131°.20 0°.2/20.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 13.98	−21 22.0	2.283	3.082	13.1	21.7
4 21	16 9.87	−21 17.9	2.195	3.084	10.3	21.5
5 1	16 3.71	−21 8.1	2.130	3.087	7.1	21.3
5 11	15 56.04	−20 53.0	2.091	3.089	3.5	21.1
5 21	15 47.62	−20 34.0	2.079	3.091	0.3	20.8
5 31	15 39.30	−20 13.2	2.096	3.093	4.1	21.1
6 10	15 31.93	−19 53.4	2.139	3.095	7.6	21.4
6 20	15 26.16	−19 37.4	2.208	3.097	10.8	21.6

185189 2006 SA_{393} 5 20.1 238°.51 0°.1/20.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 13.30	−21 10.8	2.406	3.204	12.5	20.8
4 21	16 9.28	−21 2.6	2.310	3.199	9.9	20.6
5 1	16 3.29	−20 48.6	2.238	3.194	6.8	20.4
5 11	15 55.85	−20 29.7	2.190	3.189	3.3	20.1
5 21	15 47.64	−20 7.0	2.171	3.183	0.3	19.9
5 31	15 39.48	−19 42.8	2.180	3.178	4.0	20.2
6 10	15 32.18	−19 20.0	2.217	3.172	7.4	20.4
6 20	15 26.38	−19 1.1	2.278	3.166	10.6	20.6

504752 2009 WR_{64} 5 20.1 214°.86 1°.2/19.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 16.70	−17 46.2	2.327	3.124	12.9	23.4
4 21	16 11.99	−17 28.1	2.227	3.115	10.2	23.2
5 1	16 5.18	−17 5.6	2.150	3.106	7.0	22.9
5 11	15 56.79	−16 40.1	2.099	3.097	3.5	22.7
5 21	15 47.54	−16 13.5	2.076	3.087	1.3	22.5
5 31	15 38.32	−15 48.3	2.083	3.076	4.6	22.7
6 10	15 29.99	−15 27.4	2.117	3.064	8.2	22.9
6 20	15 23.24	−15 13.2	2.176	3.052	11.5	23.1

364160 2006 HZ_{50} 5 20.1 336°.38 3°.4/18.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 12.11	−16 56.0	1.258	2.104	19.0	20.4
4 21	16 9.95	−15 59.3	1.181	2.098	15.0	20.1
5 1	16 4.58	−14 53.2	1.123	2.092	10.4	19.8
5 11	15 56.72	−13 42.7	1.087	2.086	5.5	19.5
5 21	15 47.55	−12 33.9	1.074	2.081	3.7	19.4
5 31	15 38.52	−11 34.6	1.085	2.077	8.0	19.6
6 10	15 31.06	−10 51.3	1.118	2.073	13.0	19.9
6 20	15 26.16	−10 27.5	1.171	2.070	17.5	20.1

35837 1999 JH_{58} 5 20.1 269°.38 1°.4/20.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 16.40	−24 11.3	1.937	2.736	15.1	18.4
4 21	16 12.49	−24 18.0	1.832	2.719	12.1	18.1
5 1	16 5.95	−24 16.7	1.749	2.702	8.6	17.9
5 11	15 57.33	−24 6.6	1.689	2.685	4.6	17.6
5 21	15 47.48	−23 48.0	1.657	2.667	1.4	17.3
5 31	15 37.53	−23 23.0	1.651	2.650	4.8	17.5
6 10	15 28.64	−22 55.3	1.672	2.632	9.1	17.7
6 20	15 21.72	−22 29.3	1.717	2.613	13.0	17.9

14025 Fallada 5 20.1 208°.43 0°.0/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 15.05	−22 15.8	2.371	3.164	12.8	19.1
4 21	16 10.66	−21 49.2	2.273	3.159	10.2	18.9
5 1	16 4.23	−21 14.7	2.199	3.154	7.0	18.7
5 11	15 56.30	−20 33.6	2.150	3.148	3.4	18.5
5 21	15 47.60	−19 47.7	2.129	3.141	0.3	18.2
5 31	15 38.99	−19 0.2	2.138	3.134	4.1	18.5
6 10	15 31.30	−18 15.1	2.174	3.127	7.7	18.7
6 20	15 25.18	−17 35.6	2.235	3.119	10.9	18.9

73058 2002 FK_4 5 20.1 6°.02 3°.5/18.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 10.68	−15 18.2	1.100	1.959	20.3	18.3
4 21	16 9.13	−14 46.8	1.036	1.959	16.0	18.0
5 1	16 4.14	−14 10.7	0.989	1.960	11.1	17.7
5 11	15 56.53	−13 34.4	0.962	1.962	5.9	17.4
5 21	15 47.57	−13 2.8	0.957	1.965	3.7	17.3
5 31	15 38.85	−12 41.4	0.974	1.970	8.0	17.6
6 10	15 31.89	−12 34.3	1.013	1.975	13.2	17.9
6 20	15 27.68	−12 43.3	1.071	1.982	17.8	18.2

248088 2004 RL_{13} 5 20.1 283°.05 2°.5/21.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 13.96	−27 53.5	2.433	3.214	12.9	20.7
4 21	16 10.06	−28 6.2	2.322	3.196	10.5	20.5
5 1	16 4.00	−28 10.4	2.234	3.177	7.6	20.3
5 11	15 56.28	−28 5.1	2.170	3.159	4.6	20.1
5 21	15 47.60	−27 50.0	2.134	3.140	2.5	19.9
5 31	15 38.84	−27 26.5	2.126	3.122	4.3	20.0
6 10	15 30.92	−26 57.5	2.146	3.103	7.5	20.2
6 20	15 24.58	−26 26.8	2.190	3.084	10.6	20.3

260570 2005 EE_{263} 5 20.1 85°.36 2°.2/19.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 17.46	−17 36.7	1.523	2.346	17.4	21.0
4 21	16 13.31	−16 58.6	1.458	2.361	13.6	20.8
5 1	16 6.34	−16 14.2	1.414	2.377	9.3	20.5
5 11	15 57.37	−15 26.8	1.393	2.392	4.7	20.3
5 21	15 47.51	−14 40.5	1.398	2.407	2.4	20.2
5 31	15 38.04	−13 59.9	1.429	2.422	6.3	20.5
6 10	15 30.10	−13 29.5	1.485	2.437	10.6	20.8
6 20	15 24.46	−13 11.9	1.562	2.451	14.5	21.0

76935 2001 AY_{44} 5 20.1 5°.05 2°.1/19.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 10.93	−15 56.6	1.076	1.935	20.6	18.6
4 21	16 9.48	−15 58.2	1.011	1.934	16.3	18.3
5 1	16 4.49	−15 57.2	0.963	1.935	11.2	18.0
5 11	15 56.76	−15 56.0	0.936	1.937	5.6	17.7
5 21	15 47.56	−15 56.9	0.930	1.941	2.3	17.5
5 31	15 38.56	−16 3.0	0.947	1.946	7.2	17.9
6 10	15 31.35	−16 17.2	0.984	1.952	12.7	18.2
6 20	15 27.00	−16 40.9	1.041	1.960	17.4	18.5

501787 2014 VV_{21} 5 20.1 209°.90 1°.4/19.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 18.20	−18 17.2	1.934	2.739	14.9	22.7
4 21	16 13.61	−17 51.8	1.840	2.733	11.8	22.4
5 1	16 6.51	−17 20.4	1.768	2.726	8.1	22.2
5 11	15 57.51	−16 44.7	1.721	2.719	4.0	21.9
5 21	15 47.49	−16 7.3	1.701	2.711	1.6	21.7
5 31	15 37.53	−15 31.7	1.709	2.703	5.4	22.0
6 10	15 28.68	−15 2.0	1.744	2.693	9.5	22.2
6 20	15 21.77	−14 41.2	1.802	2.683	13.2	22.4

258585 2002 CD_{172} 5 20.1 79°.04 3°.7/18.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 19.13	−12 55.9	1.414	2.242	18.3	20.6
4 21	16 14.75	−12 30.8	1.355	2.259	14.4	20.4
5 1	16 7.38	−12 5.1	1.315	2.277	10.0	20.2
5 11	15 57.90	−11 42.3	1.298	2.294	5.5	20.0
5 21	15 47.47	−11 25.6	1.306	2.312	3.8	20.0
5 31	15 37.46	−11 18.5	1.340	2.329	7.3	20.2
6 10	15 29.09	−11 23.2	1.398	2.346	11.5	20.5
6 20	15 23.16	−11 40.1	1.477	2.363	15.3	20.8

50648 2000 EL_{89} 5 20.1 305°.81 1°.2/19.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 13.93	−17 44.3	1.993	2.805	14.3	19.0
4 21	16 10.14	−17 31.7	1.905	2.802	11.2	18.8
5 1	16 4.07	−17 15.0	1.839	2.800	7.7	18.6
5 11	15 56.29	−16 55.6	1.798	2.797	3.8	18.4
5 21	15 47.62	−16 35.4	1.784	2.795	1.3	18.2
5 31	15 39.03	−16 17.2	1.797	2.792	5.0	18.4
6 10	15 31.48	−16 3.7	1.836	2.790	8.8	18.6
6 20	15 25.69	−15 57.4	1.899	2.787	12.3	18.9

224559 2005 WU_{178} 5 20.1 145°.49 3°.1/21.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 22.77	−26 39.2	2.140	2.914	14.6	21.4
4 21	16 17.13	−27 27.7	2.054	2.923	11.8	21.2
5 1	16 8.89	−28 9.4	1.990	2.931	8.6	21.0
5 11	15 58.68	−28 41.7	1.951	2.938	5.2	20.8
5 21	15 47.40	−29 2.8	1.941	2.945	3.1	20.7
5 31	15 36.16	−29 12.8	1.959	2.951	5.0	20.8
6 10	15 26.09	−29 14.0	2.005	2.957	8.3	21.0
6 20	15 18.03	−29 10.2	2.076	2.963	11.5	21.2

235837 2004 YP_1 5 20.1 149°.13 8°.8/14.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 14.80	+ 6 17.1	2.371	3.148	13.3	20.7
4 21	16 10.15	+ 7 21.2	2.307	3.156	11.4	20.6
5 1	16 3.69	+ 8 14.8	2.265	3.163	9.8	20.5
5 11	15 55.97	+ 8 52.8	2.248	3.170	8.8	20.5
5 21	15 47.67	+ 9 11.2	2.255	3.176	9.0	20.5
5 31	15 39.56	+ 9 8.1	2.288	3.182	10.2	20.6
6 10	15 32.36	+ 8 43.6	2.345	3.188	11.9	20.7
6 20	15 26.60	+ 8 0.0	2.422	3.193	13.7	20.8

289388 2005 CT_{32} 5 20.1 217°.35 1°.8/21.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 16.35	−25 55.3	2.252	3.038	13.6	21.6
4 21	16 11.95	−26 1.7	2.154	3.033	11.0	21.4
5 1	16 5.27	−25 59.7	2.079	3.027	7.8	21.1
5 11	15 56.89	−25 48.6	2.029	3.021	4.3	20.9
5 21	15 47.57	−25 28.9	2.006	3.015	1.8	20.7
5 31	15 38.30	−25 2.4	2.011	3.008	4.3	20.9
6 10	15 30.01	−24 32.5	2.044	3.001	7.8	21.1
6 20	15 23.45	−24 3.1	2.101	2.994	11.1	21.3

284571 2007 TR_{56} 5 20.1 286°.91 1°.0/20.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 14.49	−23 11.2	2.025	2.827	14.4	21.2
4 21	16 10.73	−23 14.5	1.930	2.819	11.5	21.0
5 1	16 4.57	−23 10.6	1.856	2.811	8.0	20.8
5 11	15 56.59	−22 59.4	1.806	2.803	4.1	20.5
5 21	15 47.61	−22 41.6	1.784	2.795	1.0	20.2
5 31	15 38.64	−22 19.3	1.789	2.787	4.5	20.5
6 10	15 30.71	−21 56.1	1.820	2.779	8.5	20.7
6 20	15 24.60	−21 35.4	1.875	2.772	12.0	20.9

428068 2006 GE_{7} 5 20.1 349°.76 1°.2/20.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 16.23	−21 36.0	1.703	2.516	16.3	20.8
4 21	16 12.55	−22 6.1	1.617	2.513	13.0	20.6
5 1	16 6.07	−22 31.5	1.552	2.510	9.1	20.4
5 11	15 57.41	−22 51.1	1.511	2.508	4.7	20.1
5 21	15 47.54	−23 4.5	1.495	2.506	1.2	19.8
5 31	15 37.68	−23 12.4	1.506	2.505	5.1	20.1
6 10	15 29.07	−23 17.5	1.542	2.504	9.5	20.4
6 20	15 22.63	−23 22.7	1.601	2.504	13.4	20.6

204166 2004 BT_{29} 5 20.1 182°.41 5°.1/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 18.10	−36 42.8	2.468	3.210	13.7	20.9
4 21	16 13.35	−37 7.7	2.374	3.211	11.6	20.7
5 1	16 6.23	−37 19.4	2.300	3.211	9.1	20.6
5 11	15 57.35	−37 15.5	2.251	3.211	6.7	20.4
5 21	15 47.56	−36 54.7	2.228	3.210	5.2	20.3
5 31	15 37.86	−36 18.4	2.232	3.209	5.8	20.3
6 10	15 29.25	−35 30.2	2.264	3.208	7.9	20.5
6 20	15 22.48	−34 35.4	2.320	3.207	10.5	20.6

104758 2000 HR_{18} 5 20.1 204°.40 0°.6/19.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 14.60	−19 0.6	2.321	3.121	12.9	20.3
4 21	16 10.34	−18 51.1	2.228	3.118	10.1	20.1
5 1	16 4.04	−18 37.1	2.158	3.116	6.9	19.9
5 11	15 56.25	−18 19.6	2.114	3.113	3.4	19.6
5 21	15 47.66	−18 0.2	2.098	3.110	0.8	19.4
5 31	15 39.15	−17 41.0	2.110	3.106	4.3	19.7
6 10	15 31.54	−17 24.8	2.150	3.102	7.8	19.9
6 20	15 25.48	−17 13.7	2.214	3.098	11.0	20.1

234103 1999 UO_{52} 5 20.2 213°.12 3°.2/17.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 14.56	−11 37.7	2.656	3.454	11.5	21.6
4 21	16 9.97	−10 56.5	2.558	3.445	9.1	21.4
5 1	16 3.62	−10 13.9	2.483	3.436	6.4	21.2
5 11	15 56.00	− 9 32.4	2.435	3.425	3.9	21.1
5 21	15 47.70	− 8 55.0	2.416	3.415	3.3	21.0
5 31	15 39.44	− 8 24.6	2.427	3.403	5.4	21.1
6 10	15 31.92	− 8 3.5	2.464	3.391	8.2	21.3
6 20	15 25.71	− 7 52.9	2.527	3.378	10.9	21.4

140770 2001 UU_{125} 5 20.2 256°.83 5°.0/17.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 13.14	− 6 14.6	2.260	3.067	12.9	20.0
4 21	16 9.16	− 5 39.8	2.171	3.059	10.4	19.8
5 1	16 3.23	− 5 7.9	2.104	3.052	7.8	19.6
5 11	15 55.85	− 4 42.5	2.064	3.044	5.5	19.4
5 21	15 47.72	− 4 26.7	2.050	3.036	5.2	19.4
5 31	15 39.64	− 4 23.2	2.063	3.028	7.1	19.5
6 10	15 32.40	− 4 33.2	2.102	3.020	9.9	19.7
6 20	15 26.64	− 4 56.6	2.164	3.012	12.6	19.8

442155 2010 VA_{195} 5 20.2 301°.14 1°.0/20.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 16.43	−32 11.9	1.051	1.879	23.2	19.8
4 21	16 14.41	−30 31.7	0.967	1.870	18.9	19.5
5 1	16 8.15	−28 12.3	0.901	1.861	13.5	19.1
5 11	15 58.63	−25 14.1	0.855	1.853	7.1	18.7
5 21	15 47.46	−21 46.5	0.833	1.845	1.0	18.3
5 31	15 36.70	−18 8.6	0.836	1.837	7.5	18.7
6 10	15 28.21	−14 43.7	0.863	1.829	14.2	19.0
6 20	15 23.11	−11 49.7	0.910	1.822	20.0	19.3

323450 2004 HF_{33} 5 20.2 147°.95 5°.8/20.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 35.95	−24 5.2	1.249	2.046	21.9	20.3
4 21	16 29.92	−26 12.8	1.171	2.052	17.9	20.0
5 1	16 19.19	−28 21.7	1.112	2.058	13.2	19.8
5 11	16 4.36	−30 22.3	1.077	2.063	8.3	19.5
5 21	15 46.89	−32 3.6	1.067	2.068	5.8	19.4
5 31	15 29.11	−33 18.4	1.084	2.072	8.7	19.6
6 10	15 13.45	−34 7.3	1.126	2.076	13.5	19.8
6 20	15 1.68	−34 37.3	1.190	2.079	18.0	20.1

73816 1995 VJ_{11} 5 20.2 193°.30 1°.6/19.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 17.94	−17 3.8	1.996	2.800	14.5	21.1
4 21	16 13.28	−16 42.8	1.906	2.799	11.5	20.8
5 1	16 6.22	−16 17.3	1.838	2.796	7.9	20.6
5 11	15 57.37	−15 49.2	1.796	2.794	4.0	20.4
5 21	15 47.59	−15 20.9	1.780	2.790	1.8	20.2
5 31	15 37.90	−14 55.3	1.794	2.786	5.3	20.4
6 10	15 29.30	−14 35.7	1.833	2.782	9.2	20.7
6 20	15 22.56	−14 24.7	1.897	2.776	12.7	20.9

186341 2002 EC_{75} 5 20.2 4°.88 13°.2/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 25.84	−51 53.3	2.026	2.696	18.4	19.4
4 21	16 21.84	−54 1.5	1.949	2.696	16.9	19.3
5 1	16 13.60	−55 51.6	1.889	2.697	15.3	19.2
5 11	16 1.62	−57 14.7	1.849	2.698	14.1	19.1
5 21	15 47.15	−58 3.5	1.829	2.701	13.3	19.0
5 31	15 32.25	−58 14.8	1.831	2.703	13.3	19.0
6 10	15 19.16	−57 51.8	1.853	2.707	14.1	19.1
6 20	15 9.56	−57 2.2	1.895	2.711	15.3	19.2

248470 2005 UM_{81} 5 20.2 306°.36 3°.5/18.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 11.21	−12 15.7	2.116	2.933	13.4	19.9
4 21	16 7.87	−11 37.7	2.023	2.922	10.6	19.7
5 1	16 2.47	−10 58.0	1.952	2.910	7.5	19.5
5 11	15 55.54	−10 19.7	1.906	2.899	4.5	19.3
5 21	15 47.77	− 9 46.2	1.887	2.888	3.6	19.2
5 31	15 40.03	− 9 20.9	1.895	2.877	6.2	19.4
6 10	15 33.18	− 9 6.4	1.929	2.867	9.5	19.5
6 20	15 27.89	− 9 4.2	1.986	2.856	12.6	19.7

465903 2010 VU_{30} 5 20.2 259°.73 0°.2/20.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 18.38	−21 5.9	1.763	2.570	16.0	21.9
4 21	16 14.33	−21 4.9	1.658	2.551	12.9	21.7
5 1	16 7.41	−20 57.2	1.574	2.532	9.0	21.4
5 11	15 58.16	−20 42.6	1.514	2.512	4.5	21.1
5 21	15 47.51	−20 22.2	1.480	2.492	0.4	20.7
5 31	15 36.69	−19 58.5	1.473	2.472	5.3	21.0
6 10	15 27.00	−19 35.6	1.492	2.450	10.1	21.3
6 20	15 19.46	−19 17.4	1.535	2.429	14.4	21.5

4646 Kwee 5 20.2 295°.14 1°.5/20.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 15.34	−24 8.3	1.562	2.378	17.3	18.1
4 21	16 12.40	−24 13.3	1.460	2.357	14.0	17.8
5 1	16 6.35	−24 8.6	1.377	2.335	10.0	17.5
5 11	15 57.75	−23 53.2	1.317	2.314	5.3	17.2
5 21	15 47.56	−23 27.5	1.281	2.293	1.5	16.8
5 31	15 37.17	−22 54.2	1.271	2.271	5.7	17.1
6 10	15 28.04	−22 18.3	1.286	2.250	10.7	17.3
6 20	15 21.29	−21 45.6	1.322	2.229	15.3	17.5

328297 2008 GG_{133} 5 20.2 99°.69 0°.5/19.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 17.61	−20 12.9	1.753	2.563	16.0	21.2
4 21	16 13.21	−19 57.0	1.681	2.576	12.6	21.0
5 1	16 6.21	−19 34.2	1.630	2.590	8.6	20.8
5 11	15 57.35	−19 6.0	1.603	2.602	4.2	20.6
5 21	15 47.62	−18 34.6	1.603	2.615	0.7	20.3
5 31	15 38.18	−18 3.5	1.631	2.628	5.1	20.7
6 10	15 30.10	−17 36.7	1.684	2.640	9.3	21.0
6 20	15 24.10	−17 17.3	1.760	2.652	13.0	21.2

64231 2001 TQ_{117} 5 20.2 118°.13 0°.7/20.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 19.40	−22 12.9	2.118	2.909	14.2	19.4
4 21	16 14.19	−22 19.9	2.042	2.926	11.2	19.2
5 1	16 6.68	−22 20.7	1.989	2.942	7.7	19.0
5 11	15 57.53	−22 15.2	1.962	2.958	3.9	18.8
5 21	15 47.61	−22 4.1	1.962	2.974	0.7	18.6
5 31	15 37.92	−21 49.4	1.991	2.988	4.2	18.9
6 10	15 29.40	−21 34.1	2.047	3.003	7.9	19.1
6 20	15 22.74	−21 21.1	2.128	3.017	11.2	19.3

39644 1995 OE_{7} 5 20.2 349°.87 0°.4/20.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 13.56	−22 2.7	2.076	2.880	14.0	19.5
4 21	16 9.84	−21 59.9	1.988	2.879	11.1	19.3
5 1	16 3.87	−21 50.4	1.921	2.878	7.7	19.1
5 11	15 56.23	−21 34.8	1.879	2.877	3.8	18.8
5 21	15 47.72	−21 14.2	1.865	2.877	0.5	18.5
5 31	15 39.30	−20 51.0	1.878	2.876	4.3	18.8
6 10	15 31.91	−20 28.5	1.917	2.876	8.2	19.1
6 20	15 26.26	−20 9.9	1.980	2.875	11.6	19.3

270300 2001 VU_{129} 5 20.2 170°.91 5°.3/16.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 15.15	− 7 41.2	2.197	3.003	13.3	22.6
4 21	16 10.66	− 6 33.6	2.118	3.006	10.7	22.4
5 1	16 4.19	− 5 26.6	2.062	3.009	7.9	22.2
5 11	15 56.30	− 4 24.8	2.032	3.012	5.7	22.1
5 21	15 47.73	− 3 32.6	2.030	3.014	5.5	22.1
5 31	15 39.31	− 2 54.0	2.055	3.015	7.5	22.2
6 10	15 31.86	− 2 31.4	2.107	3.016	10.3	22.4
6 20	15 25.97	− 2 25.2	2.181	3.016	13.0	22.6

73904 1997 GM_{10} 5 20.2 178°.30 2°.6/21.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 20.68	−26 12.8	1.904	2.692	15.7	20.1
4 21	16 15.83	−26 38.6	1.815	2.693	12.7	19.9
5 1	16 8.20	−26 56.0	1.747	2.694	9.1	19.7
5 11	15 58.44	−27 3.1	1.704	2.695	5.2	19.4
5 21	15 47.52	−26 59.1	1.687	2.695	2.6	19.3
5 31	15 36.67	−26 45.4	1.698	2.695	5.1	19.4
6 10	15 27.08	−26 25.5	1.736	2.694	8.9	19.7
6 20	15 19.65	−26 4.0	1.798	2.692	12.6	19.9

475452 2006 RR_{66} 5 20.2 199°.11 3°.8/22.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 17.67	−32 52.8	2.868	3.616	11.9	22.3
4 21	16 12.64	−33 22.2	2.767	3.613	9.8	22.1
5 1	16 5.60	−33 42.3	2.687	3.609	7.5	22.0
5 11	15 57.05	−33 51.3	2.634	3.604	5.2	21.8
5 21	15 47.66	−33 48.2	2.608	3.599	3.8	21.7
5 31	15 38.27	−33 33.7	2.611	3.594	4.6	21.8
6 10	15 29.72	−33 10.1	2.642	3.588	6.9	21.9
6 20	15 22.65	−32 40.9	2.699	3.582	9.3	22.0

89166 2001 UE_{50} 5 20.2 305°.84 6°.5/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 11.41	−10 23.4	1.582	2.416	16.3	18.9
4 21	16 8.72	− 8 43.8	1.496	2.403	13.1	18.6
5 1	16 3.41	− 6 58.6	1.431	2.389	9.7	18.4
5 11	15 56.12	− 5 15.1	1.391	2.376	7.0	18.2
5 21	15 47.75	− 3 41.7	1.376	2.364	7.0	18.2
5 31	15 39.45	− 2 26.4	1.386	2.351	9.8	18.3
6 10	15 32.33	− 1 34.7	1.419	2.339	13.5	18.5
6 20	15 27.24	− 1 8.4	1.472	2.327	17.0	18.7

110859 2001 UW_{79} 5 20.2 274°.41 0°.2/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 6.10	−19 45.3	4.400	5.187	7.4	20.2
4 21	16 2.77	−19 38.0	4.298	5.182	5.8	20.1
5 1	15 58.44	−19 27.9	4.222	5.177	3.9	20.0
5 11	15 53.41	−19 15.8	4.173	5.171	1.9	19.8
5 21	15 48.02	−19 2.5	4.154	5.166	0.3	19.6
5 31	15 42.66	−18 49.0	4.164	5.160	2.3	19.8
6 10	15 37.70	−18 36.5	4.204	5.155	4.4	20.0
6 20	15 33.48	−18 26.3	4.270	5.149	6.2	20.1

185100 2006 SY_{16} 5 20.2 156°.43 0°.4/20.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 18.53	−23 5.6	2.035	2.829	14.6	21.5
4 21	16 13.68	−22 47.7	1.951	2.836	11.6	21.3
5 1	16 6.44	−22 21.1	1.888	2.843	8.0	21.1
5 11	15 57.46	−21 46.6	1.851	2.849	4.0	20.9
5 21	15 47.65	−21 6.0	1.842	2.854	0.5	20.6
5 31	15 38.03	−20 22.7	1.861	2.859	4.5	20.9
6 10	15 29.60	−19 41.0	1.907	2.863	8.4	21.2
6 20	15 23.08	−19 4.8	1.978	2.867	11.9	21.4

95332 2002 CQ_{117} 5 20.2 351°.90 7°.2/15.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 9.80	− 2 20.9	2.014	2.831	14.0	18.7
4 21	16 6.73	− 1 16.9	1.939	2.828	11.5	18.5
5 1	16 1.66	− 0 18.0	1.886	2.825	9.1	18.3
5 11	15 55.12	+ 0 30.3	1.857	2.822	7.4	18.2
5 21	15 47.86	+ 1 3.4	1.853	2.820	7.5	18.2
5 31	15 40.72	+ 1 17.9	1.874	2.819	9.2	18.3
6 10	15 34.51	+ 1 12.4	1.919	2.818	11.7	18.5
6 20	15 29.85	+ 0 48.0	1.985	2.817	14.2	18.6

30484 2000 PD_{6} 5 20.2 258°.75 4°.1/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 16.98	−31 38.3	2.385	3.150	13.6	19.2
4 21	16 12.60	−32 13.8	2.281	3.139	11.2	19.0
5 1	16 5.87	−32 39.9	2.199	3.129	8.5	18.8
5 11	15 57.29	−32 54.1	2.142	3.118	5.8	18.6
5 21	15 47.66	−32 55.1	2.112	3.107	4.1	18.5
5 31	15 37.95	−32 43.2	2.109	3.096	5.2	18.5
6 10	15 29.18	−32 21.2	2.133	3.084	7.9	18.7
6 20	15 22.16	−31 53.2	2.183	3.073	10.8	18.8

208544 2002 AE_{92} 5 20.2 358°.82 4°.2/18.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 8.21	−17 24.5	1.084	1.946	20.2	19.2
4 21	16 7.26	−16 6.3	1.016	1.942	16.0	18.9
5 1	16 2.92	−14 35.7	0.967	1.940	11.0	18.7
5 11	15 56.00	−12 59.6	0.939	1.939	6.0	18.4
5 21	15 47.78	−11 27.1	0.932	1.939	4.6	18.3
5 31	15 39.82	−10 8.4	0.948	1.940	8.9	18.5
6 10	15 33.58	− 9 11.2	0.985	1.943	14.0	18.8
6 20	15 30.03	− 8 39.3	1.041	1.947	18.6	19.1

511401 2014 HB_{10} 5 20.2 76°.03 3°.8/17.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 11.21	−11 39.1	2.304	3.117	12.6	21.6
4 21	16 7.51	−10 38.8	2.228	3.124	9.9	21.5
5 1	16 2.00	− 9 36.8	2.176	3.132	7.0	21.3
5 11	15 55.22	− 8 37.1	2.149	3.139	4.5	21.1
5 21	15 47.86	− 7 43.4	2.151	3.146	4.0	21.1
5 31	15 40.68	− 6 59.4	2.180	3.154	6.1	21.3
6 10	15 34.39	− 6 28.0	2.235	3.161	9.0	21.5
6 20	15 29.53	− 6 10.1	2.314	3.169	11.6	21.6

343804 2011 GA_{78} 5 20.2 31°.78 0°.4/19.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 12.82	−23 37.3	1.551	2.373	17.2	20.2
4 21	16 9.82	−22 44.3	1.479	2.381	13.5	20.0
5 1	16 4.07	−21 37.9	1.428	2.390	9.3	19.8
5 11	15 56.36	−20 21.1	1.400	2.399	4.5	19.5
5 21	15 47.76	−18 58.6	1.397	2.409	0.6	19.3
5 31	15 39.50	−17 37.2	1.421	2.419	5.5	19.6
6 10	15 32.69	−16 24.1	1.470	2.430	10.0	19.9
6 20	15 28.07	−15 24.2	1.541	2.441	14.0	20.2

334752 2003 QV_{104} 5 20.2 266°.51 7°.7/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 13.19	− 1 10.0	2.132	2.936	13.7	20.8
4 21	16 9.42	+ 0 5.4	2.038	2.916	11.5	20.6
5 1	16 3.56	+ 1 17.1	1.966	2.897	9.3	20.4
5 11	15 56.12	+ 2 19.1	1.919	2.876	7.9	20.3
5 21	15 47.78	+ 3 5.9	1.898	2.856	8.1	20.2
5 31	15 39.41	+ 3 33.2	1.903	2.835	9.8	20.3
6 10	15 31.88	+ 3 38.9	1.931	2.814	12.4	20.4
6 20	15 25.89	+ 3 23.2	1.981	2.792	15.0	20.5

352543 2008 CZ_{190} 5 20.2 1°.73 8°.2/24.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 16.66	−41 6.7	1.982	2.725	16.7	20.9
4 21	16 13.17	−42 4.8	1.897	2.724	14.4	20.7
5 1	16 6.66	−42 46.5	1.830	2.724	12.0	20.5
5 11	15 57.79	−43 6.9	1.785	2.724	9.7	20.4
5 21	15 47.62	−43 2.9	1.764	2.725	8.3	20.3
5 31	15 37.50	−42 34.7	1.766	2.726	8.6	20.3
6 10	15 28.79	−41 46.8	1.794	2.728	10.3	20.4
6 20	15 22.48	−40 45.8	1.844	2.730	12.7	20.6

253410 2003 QR_{19} 5 20.2 302°.31 4°.3/21.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 16.39	−28 6.5	1.392	2.207	19.2	20.4
4 21	16 13.83	−28 42.8	1.297	2.189	15.8	20.1
5 1	16 7.69	−29 8.0	1.219	2.171	11.7	19.8
5 11	15 58.56	−29 18.8	1.163	2.153	7.2	19.5
5 21	15 47.53	−29 12.5	1.130	2.136	4.3	19.3
5 31	15 36.24	−28 49.9	1.122	2.119	6.8	19.4
6 10	15 26.45	−28 16.2	1.136	2.102	11.6	19.6
6 20	15 19.48	−27 38.6	1.171	2.086	16.3	19.8

421835 2014 QJ_{119} 5 20.2 15°.66 3°.1/21.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 16.93	−26 40.3	1.256	2.081	20.3	21.2
4 21	16 14.14	−26 59.1	1.183	2.082	16.4	20.9
5 1	16 7.70	−27 4.9	1.127	2.084	11.8	20.7
5 11	15 58.40	−26 55.5	1.092	2.086	6.7	20.4
5 21	15 47.57	−26 30.8	1.079	2.088	3.1	20.2
5 31	15 36.93	−25 54.1	1.091	2.091	6.4	20.4
6 10	15 28.13	−25 12.2	1.126	2.094	11.4	20.7
6 20	15 22.29	−24 32.3	1.181	2.098	16.0	20.9

498515 2008 EQ_{6} 5 20.2 158°.07 3°.1/17.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 12.67	− 8 30.9	3.466	4.254	9.2	23.4
4 21	16 7.95	− 7 55.8	3.384	4.264	7.3	23.2
5 1	16 1.97	− 7 21.7	3.327	4.273	5.3	23.1
5 11	15 55.13	− 6 50.6	3.298	4.281	3.5	23.0
5 21	15 47.89	− 6 24.7	3.299	4.289	3.2	23.0
5 31	15 40.75	− 6 5.5	3.329	4.296	4.7	23.1
6 10	15 34.22	− 5 54.5	3.388	4.302	6.7	23.2
6 20	15 28.67	− 5 52.2	3.473	4.307	8.6	23.4

110003 2001 SE_{64} 5 20.2 95°.00 6°.2/15.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 15.87	− 9 15.9	1.855	2.670	15.0	19.2
4 21	16 11.38	− 7 23.7	1.795	2.689	12.0	19.0
5 1	16 4.70	− 5 30.3	1.758	2.708	8.8	18.9
5 11	15 56.53	− 3 43.0	1.748	2.727	6.5	18.8
5 21	15 47.76	− 2 8.9	1.765	2.745	6.6	18.8
5 31	15 39.36	− 0 53.9	1.809	2.763	8.8	19.0
6 10	15 32.20	− 0 1.4	1.878	2.781	11.7	19.2
6 20	15 26.85	+ 0 28.4	1.969	2.798	14.4	19.4

160165 2001 UR 5 20.2 160°.10 2°.3/18.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 16.57	−15 25.2	2.074	2.881	14.0	21.6
4 21	16 12.01	−14 56.3	1.992	2.886	11.0	21.4
5 1	16 5.24	−14 24.0	1.932	2.890	7.6	21.2
5 11	15 56.87	−13 50.9	1.898	2.894	4.0	21.0
5 21	15 47.72	−13 19.5	1.891	2.898	2.4	20.9
5 31	15 38.73	−12 53.1	1.912	2.901	5.4	21.1
6 10	15 30.81	−12 34.5	1.960	2.904	9.0	21.3
6 20	15 24.61	−12 25.5	2.032	2.907	12.2	21.5

192303 1993 FJ_{7} 5 20.2 40°.16 2°.1/19.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 16.71	−16 35.6	1.236	2.076	19.6	19.9
4 21	16 13.57	−16 22.5	1.170	2.082	15.5	19.7
5 1	16 7.05	−16 5.2	1.122	2.089	10.6	19.4
5 11	15 57.98	−15 45.9	1.096	2.096	5.3	19.1
5 21	15 47.62	−15 27.9	1.093	2.103	2.3	19.0
5 31	15 37.55	−15 14.8	1.114	2.111	6.9	19.3
6 10	15 29.23	−15 10.6	1.159	2.119	12.0	19.6
6 20	15 23.63	−15 17.3	1.223	2.128	16.5	19.9

42064 2000 YE_{128} 5 20.2 312°.25 4°.4/22.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 14.76	−30 14.0	1.690	2.487	17.0	18.7
4 21	16 11.86	−30 44.2	1.590	2.470	14.1	18.5
5 1	16 5.93	−31 2.4	1.510	2.453	10.6	18.2
5 11	15 57.53	−31 5.8	1.452	2.436	6.9	18.0
5 21	15 47.65	−30 52.7	1.418	2.420	4.5	17.8
5 31	15 37.63	−30 24.0	1.410	2.404	6.2	17.8
6 10	15 28.88	−29 44.6	1.427	2.389	10.1	18.0
6 20	15 22.48	−29 0.5	1.466	2.374	14.0	18.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
368667 2005 JD_{106}			5 20.2 296°.17		1°.0/19.8 17	
	h m	° ′			°	m
4 11	16 15.46	−18 28.6	1.522	2.348	17.3	21.0
4 21	16 12.49	−18 25.0	1.420	2.325	13.8	20.7
5 1	16 6.43	−18 16.0	1.338	2.302	9.6	20.4
5 11	15 57.82	−18 2.9	1.279	2.279	4.8	20.0
5 21	15 47.63	−17 47.1	1.245	2.256	1.2	19.7
5 31	15 37.18	−17 31.7	1.236	2.234	6.2	20.0
6 10	15 27.93	−17 20.6	1.251	2.211	11.3	20.2
6 20	15 21.01	−17 17.5	1.287	2.189	16.0	20.4
496979 2002 QD_{132}			5 20.2 291°.95		2°.3/19.2 17	
4 11	16 15.18	−16 8.7	1.528	2.356	17.1	22.3
4 21	16 12.13	−15 49.9	1.430	2.336	13.7	22.0
5 1	16 6.08	−15 26.5	1.352	2.316	9.5	21.7
5 11	15 57.60	−15 0.9	1.298	2.297	4.9	21.4
5 21	15 47.66	−14 36.0	1.267	2.277	2.5	21.2
5 31	15 37.55	−14 15.7	1.263	2.257	6.7	21.4
6 10	15 28.65	−14 4.1	1.282	2.238	11.6	21.6
6 20	15 22.04	−14 4.0	1.323	2.218	16.1	21.8
477198 2009 HW_{35}			5 20.2 119°.87		2°.1/19.1 17	
4 11	16 14.62	−13 35.2	2.429	3.231	12.3	21.7
4 21	16 10.14	−13 28.4	2.348	3.239	9.7	21.5
5 1	16 3.80	−13 21.2	2.289	3.246	6.7	21.4
5 11	15 56.14	−13 15.0	2.257	3.253	3.6	21.2
5 21	15 47.81	−13 11.3	2.253	3.260	2.2	21.1
5 31	15 39.61	−13 11.9	2.278	3.267	4.7	21.3
6 10	15 32.28	−13 18.0	2.329	3.273	7.8	21.5
6 20	15 26.39	−13 30.6	2.406	3.279	10.6	21.7
17855 Geffert			5 20.2 113°.45		0°.2/20.3 18	
4 11	16 13.86	−22 37.3	2.497	3.289	12.3	18.2
4 21	16 9.53	−22 17.8	2.416	3.301	9.7	18.0
5 1	16 3.36	−21 51.4	2.358	3.313	6.6	17.9
5 11	15 55.90	−21 19.1	2.327	3.324	3.3	17.7
5 21	15 47.84	−20 42.8	2.323	3.335	0.3	17.4
5 31	15 39.97	−20 5.0	2.349	3.346	3.7	17.7
6 10	15 33.02	−19 28.9	2.402	3.357	7.0	17.9
6 20	15 27.54	−18 57.5	2.480	3.367	9.9	18.2
63760 2001 QP_{282}			5 20.2 255°.92		2°.2/19.3 17	
4 11	16 19.34	−15 55.8	1.651	2.467	16.6	19.6
4 21	16 15.22	−15 41.4	1.549	2.448	13.3	19.4
5 1	16 8.12	−15 23.2	1.468	2.428	9.3	19.1
5 11	15 58.59	−15 3.1	1.410	2.408	4.8	18.8
5 21	15 47.58	−14 43.6	1.378	2.387	2.3	18.5
5 31	15 36.38	−14 27.8	1.372	2.366	6.5	18.8
6 10	15 26.33	−14 19.3	1.392	2.344	11.2	19.0
6 20	15 18.51	−14 21.0	1.435	2.321	15.6	19.2
434129 2002 QX_{62}			5 20.2 318°.29		1°.6/20.9 16	
4 11	16 12.35	−24 37.7	1.646	2.463	16.6	20.7
4 21	16 9.85	−24 42.4	1.544	2.442	13.4	20.5
5 1	16 4.48	−24 37.2	1.463	2.421	9.5	20.2
5 11	15 56.81	−24 21.5	1.404	2.401	5.1	19.9
5 21	15 47.75	−23 55.9	1.370	2.381	1.6	19.6
5 31	15 38.55	−23 23.0	1.362	2.362	5.3	19.8
6 10	15 30.52	−22 47.6	1.378	2.343	10.0	20.0
6 20	15 24.69	−22 14.8	1.416	2.325	14.4	20.2
471325 2011 KT_{19}			5 20.2 35°.57		1°.0/12.9 16	
4 11	15 53.83	+ 8 41.0	27.311	28.062	1.4	21.8
4 21	15 52.62	+ 8 54.6	27.248	28.071	1.2	21.8
5 1	15 51.29	+ 9 6.9	27.211	28.080	1.1	21.8
5 11	15 49.87	+ 9 17.8	27.199	28.089	1.0	21.8
5 21	15 48.41	+ 9 27.0	27.214	28.099	1.0	21.8
5 31	15 46.96	+ 9 34.4	27.256	28.108	1.1	21.8
6 10	15 45.56	+ 9 39.8	27.322	28.117	1.3	21.8
6 20	15 44.25	+ 9 43.3	27.412	28.126	1.5	21.8
323361 2003 WQ_{3}			5 20.2 218°.15		0°.6/19.9 17	
4 11	16 19.02	−19 48.8	2.040	2.838	14.5	22.3
4 21	16 14.25	−19 35.6	1.940	2.828	11.5	22.1
5 1	16 7.01	−19 16.3	1.862	2.819	7.9	21.9
5 11	15 57.87	−18 51.8	1.810	2.808	3.9	21.6
5 21	15 47.67	−18 23.7	1.785	2.796	0.7	21.3
5 31	15 37.47	−17 54.8	1.788	2.784	4.9	21.6
6 10	15 28.32	−17 28.8	1.819	2.771	9.0	21.8
6 20	15 21.03	−17 8.9	1.874	2.757	12.7	22.0
259447 2003 SU_{51}			5 20.2 183°.30		0°.5/19.9 17	
4 11	16 19.79	−19 43.9	2.130	2.924	14.1	22.0
4 21	16 14.62	−19 33.4	2.039	2.925	11.1	21.8
5 1	16 7.11	−19 17.4	1.970	2.925	7.6	21.6
5 11	15 57.85	−18 56.7	1.927	2.925	3.7	21.3
5 21	15 47.68	−18 32.7	1.911	2.923	0.7	21.1
5 31	15 37.61	−18 8.2	1.925	2.921	4.6	21.3
6 10	15 28.62	−17 46.1	1.966	2.918	8.5	21.6
6 20	15 21.44	−17 29.6	2.033	2.914	11.9	21.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
69160 2029 $P–L$			5 20.2 225°.67		0°.6/20.5 18	
	h m	° ′			°	m
4 11	16 19.19	−22 53.5	1.980	2.775	15.0	20.3
4 21	16 14.55	−22 44.8	1.878	2.764	12.0	20.1
5 1	16 7.32	−22 27.8	1.798	2.752	8.3	19.9
5 11	15 58.06	−22 2.5	1.743	2.740	4.2	19.6
5 21	15 47.66	−21 30.1	1.715	2.727	0.6	19.3
5 31	15 37.24	−20 53.5	1.715	2.713	4.8	19.5
6 10	15 27.92	−20 16.8	1.742	2.698	9.0	19.8
6 20	15 20.57	−19 44.5	1.793	2.683	12.9	20.0
307301 2002 QG_{20}			5 20.2 288°.09		2°.4/18.7 18	
4 11	16 14.03	−16 31.7	2.081	2.891	13.8	21.0
4 21	16 10.42	−15 49.2	1.963	2.859	11.0	20.7
5 1	16 4.49	−15 0.1	1.867	2.826	7.7	20.5
5 11	15 56.70	−14 6.8	1.796	2.793	4.1	20.2
5 21	15 47.79	−13 12.7	1.753	2.760	2.6	20.0
5 31	15 38.69	−12 22.1	1.737	2.726	5.9	20.1
6 10	15 30.42	−11 39.5	1.748	2.692	9.9	20.3
6 20	15 23.81	−11 8.5	1.782	2.657	13.6	20.5
193019 2000 EX_{42}			5 20.2 51°.65		5°.4/17.9 18	
4 11	16 15.33	−12 33.4	1.213	2.058	19.6	19.8
4 21	16 12.32	−11 27.8	1.153	2.067	15.5	19.5
5 1	16 6.06	−10 19.2	1.112	2.077	10.9	19.3
5 11	15 57.44	− 9 14.0	1.093	2.088	6.7	19.1
5 21	15 47.74	− 8 19.4	1.097	2.098	5.7	19.1
5 31	15 38.43	− 7 41.5	1.125	2.109	9.1	19.3
6 10	15 30.87	− 7 24.1	1.175	2.120	13.5	19.6
6 20	15 25.90	− 7 27.8	1.245	2.132	17.5	19.8
463128 2011 VV_{13}			5 20.2 135°.57		0°.3/20.1 16	
4 11	16 20.65	−18 42.3	1.533	2.349	17.7	21.7
4 21	16 16.21	−18 55.4	1.456	2.353	14.0	21.5
5 1	16 8.67	−19 4.5	1.398	2.358	9.6	21.2
5 11	15 58.77	−19 9.9	1.363	2.362	4.7	20.9
5 21	15 47.62	−19 12.0	1.354	2.366	0.6	20.6
5 31	15 36.61	−19 12.7	1.372	2.370	5.7	21.0
6 10	15 27.10	−19 14.9	1.415	2.374	10.4	21.3
6 20	15 20.05	−19 21.6	1.480	2.377	14.6	21.6
183693 2003 YX_{28}			5 20.2 141°.80		1°.1/19.7 17	
4 11	16 18.91	−18 31.5	1.867	2.672	15.3	21.6
4 21	16 14.13	−18 14.5	1.789	2.682	12.1	21.4
5 1	16 6.84	−17 52.2	1.732	2.691	8.2	21.2
5 11	15 57.73	−17 26.1	1.700	2.699	4.0	21.0
5 21	15 47.73	−16 58.4	1.696	2.707	1.3	20.8
5 31	15 37.95	−16 32.2	1.719	2.714	5.2	21.1
6 10	15 29.42	−16 11.1	1.769	2.721	9.2	21.3
6 20	15 22.90	−15 57.7	1.842	2.727	12.8	21.6
353551 2011 SK_{194}			5 20.2 212°.95		3°.7/17.7 17	
4 11	16 12.13	−10 38.1	2.481	3.288	12.0	21.5
4 21	16 8.20	− 9 52.5	2.393	3.284	9.5	21.3
5 1	16 2.51	− 9 6.2	2.327	3.280	6.8	21.1
5 11	15 55.54	− 8 22.3	2.288	3.276	4.3	21.0
5 21	15 47.93	− 7 43.9	2.276	3.272	3.8	20.9
5 31	15 40.40	− 7 14.2	2.293	3.267	5.9	21.0
6 10	15 33.66	− 6 55.4	2.337	3.263	8.6	21.2
6 20	15 28.26	− 6 48.5	2.404	3.258	11.3	21.4
390592 2001 SQ_{59}			5 20.2 178°.45		11°.3/22.3 18	
4 11	16 33.91	−38 1.0	1.421	2.177	21.6	20.8
4 21	16 28.76	−40 17.0	1.341	2.179	18.7	20.6
5 1	16 18.76	−42 21.8	1.279	2.180	15.5	20.4
5 11	16 4.41	−44 3.5	1.239	2.181	12.7	20.2
5 21	15 47.13	−45 10.5	1.221	2.181	11.3	20.1
5 31	15 29.33	−45 37.2	1.227	2.180	12.2	20.2
6 10	15 13.67	−45 27.4	1.256	2.179	14.7	20.3
6 20	15 2.06	−44 52.3	1.306	2.177	17.8	20.5
474967 2005 TT_{59}			5 20.2 207°.07		2°.5/21.7 17	
4 11	16 15.50	−28 12.2	2.646	3.419	12.2	22.3
4 21	16 11.03	−28 32.9	2.549	3.416	9.9	22.1
5 1	16 4.57	−28 45.8	2.473	3.413	7.2	22.0
5 11	15 56.62	−28 49.8	2.424	3.410	4.4	21.8
5 21	15 47.87	−28 44.7	2.402	3.406	2.6	21.6
5 31	15 39.14	−28 31.5	2.409	3.403	4.1	21.7
6 10	15 31.24	−28 12.6	2.444	3.399	6.9	21.9
6 20	15 24.83	−27 51.1	2.504	3.395	9.6	22.1
401067 2011 UP_{54}			5 20.2 281°.21		0°.8/20.5 16	
4 11	16 15.46	−21 30.8	2.312	3.107	13.1	21.1
4 21	16 11.21	−21 50.9	2.216	3.102	10.4	20.9
5 1	16 4.81	−22 6.7	2.143	3.097	7.2	20.7
5 11	15 56.79	−22 18.0	2.095	3.091	3.7	20.5
5 21	15 47.86	−22 24.6	2.074	3.086	0.8	20.3
5 31	15 38.92	−22 27.7	2.082	3.080	4.0	20.5
6 10	15 30.87	−22 29.0	2.118	3.075	7.6	20.7
6 20	15 24.41	−22 31.0	2.178	3.070	10.8	20.9

463444 2013 NE_{12} 5 20.2 335°.40 2°.5/19.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 8.77	−17 15.2	1.137	1.995	19.8	20.5
4 21	16 7.90	−16 49.0	1.055	1.979	15.8	20.2
5 1	16 3.62	−16 15.1	0.991	1.963	10.9	19.8
5 11	15 56.57	−15 36.8	0.947	1.948	5.6	19.5
5 21	15 47.87	−14 58.7	0.925	1.935	2.8	19.3
5 31	15 39.10	−14 26.7	0.925	1.923	7.7	19.5
6 10	15 31.89	−14 6.6	0.945	1.912	13.3	19.8
6 20	15 27.42	−14 2.1	0.985	1.903	18.3	20.0

158846 2004 NY_{7} 5 20.2 329°.40 6°.3/18.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 11.31	−10 13.8	1.084	1.944	20.4	19.3
4 21	16 9.95	− 9 33.1	1.007	1.929	16.5	19.0
5 1	16 5.06	− 8 52.5	0.947	1.915	12.0	18.7
5 11	15 57.28	− 8 18.3	0.907	1.902	7.7	18.4
5 21	15 47.80	− 7 57.0	0.888	1.890	6.5	18.3
5 31	15 38.26	− 7 54.5	0.891	1.878	10.2	18.5
6 10	15 30.32	− 8 13.8	0.914	1.868	15.2	18.7
6 20	15 25.20	− 8 54.6	0.954	1.859	19.9	18.9

429506 2011 BS_{13} 5 20.2 206°.28 1°.9/21.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 18.97	−25 31.9	2.024	2.812	14.9	22.1
4 21	16 14.35	−25 41.8	1.929	2.808	12.0	21.9
5 1	16 7.16	−25 43.1	1.855	2.804	8.5	21.7
5 11	15 58.00	−25 34.8	1.806	2.799	4.7	21.4
5 21	15 47.76	−25 17.1	1.784	2.793	1.9	21.2
5 31	15 37.55	−24 51.7	1.790	2.787	4.7	21.4
6 10	15 28.48	−24 22.6	1.822	2.781	8.6	21.6
6 20	15 21.37	−23 54.1	1.880	2.774	12.2	21.8

369906 2013 AF_{57} 5 20.2 193°.11 3°.9/18.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 13.23	− 8 27.3	2.435	3.240	12.2	20.8
4 21	16 9.09	− 8 3.5	2.350	3.239	9.7	20.6
5 1	16 3.15	− 7 41.6	2.288	3.239	7.0	20.5
5 11	15 55.89	− 7 24.4	2.252	3.238	4.6	20.3
5 21	15 47.97	− 7 14.2	2.243	3.237	4.0	20.3
5 31	15 40.13	− 7 13.1	2.262	3.236	6.0	20.4
6 10	15 33.10	− 7 22.3	2.308	3.235	8.7	20.6
6 20	15 27.46	− 7 41.8	2.378	3.234	11.3	20.7

398948 2013 DK_{5} 5 20.2 235°.67 5°.6/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 16.59	−38 9.1	2.517	3.255	13.6	21.0
4 21	16 12.27	−38 41.4	2.422	3.253	11.6	20.8
5 1	16 5.62	−39 0.5	2.348	3.251	9.3	20.6
5 11	15 57.20	−39 3.7	2.297	3.249	7.1	20.5
5 21	15 47.85	−38 49.6	2.272	3.247	5.7	20.4
5 31	15 38.55	−38 19.0	2.274	3.245	6.2	20.4
6 10	15 30.30	−37 35.3	2.302	3.243	8.0	20.5
6 20	15 23.83	−36 43.5	2.355	3.240	10.4	20.7

509473 2007 RM_{286} 5 20.2 229°.89 3°.0/21.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 17.91	−29 30.3	2.561	3.326	12.7	22.2
4 21	16 13.11	−29 49.9	2.452	3.314	10.4	22.0
5 1	16 6.12	−30 0.8	2.366	3.301	7.7	21.8
5 11	15 57.45	−30 1.4	2.305	3.288	4.8	21.6
5 21	15 47.83	−29 51.0	2.272	3.275	3.0	21.5
5 31	15 38.15	−29 30.7	2.269	3.260	4.4	21.5
6 10	15 29.32	−29 3.2	2.292	3.246	7.3	21.7
6 20	15 22.10	−28 32.3	2.342	3.231	10.3	21.9

255124 2005 UU_{119} 5 20.2 358°.62 1°.7/19.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 9.74	−19 14.7	1.829	2.653	14.9	19.9
4 21	16 7.08	−18 23.6	1.746	2.651	11.7	19.6
5 1	16 2.11	−17 24.1	1.685	2.649	8.0	19.4
5 11	15 55.47	−16 19.3	1.649	2.648	4.0	19.2
5 21	15 48.01	−15 13.6	1.638	2.648	1.9	19.0
5 31	15 40.70	−14 12.1	1.655	2.649	5.5	19.3
6 10	15 34.49	−13 19.8	1.697	2.650	9.4	19.5
6 20	15 30.07	−12 40.0	1.761	2.652	13.0	19.7

55702 Thymoitos 5 20.2 149°.82 0°.6/20.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 6.01	−24 16.1	4.588	5.365	7.3	19.7
4 21	16 2.69	−24 2.8	4.491	5.366	5.8	19.6
5 1	15 58.41	−23 45.2	4.418	5.367	4.0	19.4
5 11	15 53.46	−23 23.8	4.374	5.368	2.1	19.3
5 21	15 48.19	−22 59.4	4.358	5.369	0.6	19.2
5 31	15 42.98	−22 33.3	4.373	5.370	2.1	19.3
6 10	15 38.18	−22 6.8	4.417	5.371	4.1	19.4
6 20	15 34.12	−21 41.6	4.487	5.372	5.8	19.6

209954 2006 FJ_{41} 5 20.2 286°.01 0°.3/20.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 17.35	−20 48.2	1.479	2.301	17.9	20.9
4 21	16 14.19	−20 56.2	1.379	2.280	14.4	20.6
5 1	16 7.76	−20 57.9	1.298	2.259	10.1	20.3
5 11	15 58.60	−20 53.0	1.239	2.238	5.1	19.9
5 21	15 47.71	−20 42.0	1.205	2.217	0.5	19.5
5 31	15 36.55	−20 27.2	1.196	2.196	6.0	19.9
6 10	15 26.66	−20 12.7	1.211	2.174	11.4	20.1
6 20	15 19.28	−20 3.0	1.248	2.153	16.2	20.3

61751 2000 QN_{157} 5 20.2 356°.55 4°.9/17.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 9.60	−14 3.6	1.335	2.184	18.0	18.4
4 21	16 7.73	−12 51.1	1.263	2.180	14.2	18.1
5 1	16 2.96	−11 32.1	1.210	2.177	10.0	17.9
5 11	15 56.01	−10 13.0	1.179	2.175	6.0	17.6
5 21	15 47.96	− 9 1.1	1.173	2.174	5.2	17.6
5 31	15 40.10	− 8 3.6	1.190	2.174	8.6	17.8
6 10	15 33.66	− 7 25.9	1.229	2.175	12.9	18.0
6 20	15 29.51	− 7 9.9	1.288	2.177	16.9	18.2

2240 Tsai 5 20.2 143°.75 0°.0/20.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 13.81	−21 4.0	2.748	3.537	11.4	17.5
4 21	16 9.38	−20 53.9	2.661	3.545	8.9	17.4
5 1	16 3.25	−20 38.9	2.598	3.552	6.1	17.2
5 11	15 55.92	−20 19.5	2.562	3.559	3.0	17.0
5 21	15 48.00	−19 57.2	2.554	3.566	0.3	16.8
5 31	15 40.19	−19 33.8	2.576	3.573	3.5	17.1
6 10	15 33.19	−19 11.7	2.626	3.579	6.5	17.3
6 20	15 27.51	−18 53.2	2.701	3.584	9.3	17.4

254543 2005 EJ_{182} 5 20.2 15°.91 3°.7/21.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 16.86	−26 51.5	1.322	2.143	19.7	19.8
4 21	16 13.99	−27 29.5	1.248	2.145	16.0	19.6
5 1	16 7.59	−27 56.5	1.193	2.148	11.6	19.4
5 11	15 58.43	−28 9.6	1.159	2.151	6.9	19.1
5 21	15 47.76	−28 7.3	1.148	2.155	3.7	18.9
5 31	15 37.24	−27 51.3	1.162	2.160	6.4	19.1
6 10	15 28.46	−27 26.9	1.198	2.165	11.0	19.4
6 20	15 22.52	−27 0.5	1.256	2.171	15.4	19.6

215983 2005 SC_{33} 5 20.2 258°.62 3°.8/17.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 11.38	−10 30.1	2.410	3.220	12.2	21.0
4 21	16 7.72	− 9 41.7	2.320	3.213	9.7	20.8
5 1	16 2.26	− 8 52.5	2.252	3.206	6.9	20.6
5 11	15 55.49	− 8 5.8	2.211	3.200	4.5	20.4
5 21	15 48.04	− 7 24.9	2.198	3.193	4.0	20.4
5 31	15 40.66	− 6 53.2	2.212	3.185	6.1	20.5
6 10	15 34.07	− 6 33.0	2.252	3.178	8.9	20.7
6 20	15 28.84	− 6 25.4	2.316	3.171	11.6	20.8

344004 2011 QV_{73} 5 20.2 249°.90 1°.5/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 6.90	−28 43.6	4.604	5.365	7.5	21.0
4 21	16 3.45	−28 44.8	4.501	5.362	6.0	20.9
5 1	15 58.97	−28 40.7	4.422	5.359	4.4	20.8
5 11	15 53.77	−28 31.2	4.371	5.355	2.7	20.6
5 21	15 48.20	−28 16.6	4.348	5.352	1.5	20.5
5 31	15 42.66	−27 58.0	4.355	5.349	2.4	20.6
6 10	15 37.55	−27 36.7	4.391	5.345	4.1	20.7
6 20	15 33.20	−27 14.3	4.454	5.342	5.8	20.8

117697 2005 EA_{287} 5 20.2 10°.29 1°.8/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 16.86	−23 37.9	1.936	2.736	15.1	19.9
4 21	16 12.76	−24 7.9	1.849	2.736	12.1	19.6
5 1	16 6.12	−24 32.0	1.784	2.737	8.5	19.4
5 11	15 57.53	−24 48.9	1.743	2.738	4.6	19.2
5 21	15 47.87	−24 58.0	1.729	2.739	1.8	19.0
5 31	15 38.24	−25 0.3	1.742	2.740	4.7	19.2
6 10	15 29.76	−24 58.2	1.781	2.741	8.6	19.4
6 20	15 23.23	−24 55.1	1.845	2.743	12.1	19.7

349395 2007 XX_{40} 5 20.2 222°.71 1°.7/19.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 15.89	−14 38.5	2.518	3.315	12.1	21.1
4 21	16 11.26	−14 35.2	2.419	3.307	9.5	20.9
5 1	16 4.71	−14 30.8	2.343	3.298	6.6	20.7
5 11	15 56.72	−14 26.5	2.293	3.290	3.4	20.5
5 21	15 47.94	−14 23.7	2.272	3.280	1.8	20.4
5 31	15 39.16	−14 23.9	2.280	3.271	4.5	20.6
6 10	15 31.16	−14 28.7	2.316	3.261	7.7	20.7
6 20	15 24.57	−14 39.2	2.377	3.251	10.7	20.9

83536 2001 SF_{163} 5 20.2 237°.76 3°.3/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 16.86	−29 19.9	2.341	3.114	13.5	18.9
4 21	16 12.47	−29 48.9	2.243	3.109	11.1	18.7
5 1	16 5.78	−30 9.2	2.166	3.103	8.2	18.5
5 11	15 57.33	−30 18.9	2.115	3.098	5.2	18.3
5 21	15 47.89	−30 17.2	2.090	3.092	3.3	18.2
5 31	15 38.43	−30 4.9	2.094	3.086	4.7	18.3
6 10	15 29.93	−29 44.8	2.125	3.080	7.7	18.4
6 20	15 23.16	−29 20.7	2.181	3.074	10.8	18.6

219623 2001 TY_{193} 5 20.2 106°.73 0°.1/20.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 17.20	−22 8.3	1.843	2.648	15.5	20.9
4 21	16 12.87	−21 50.5	1.768	2.660	12.3	20.7
5 1	16 6.04	−21 24.5	1.713	2.671	8.4	20.5
5 11	15 57.40	−20 51.1	1.684	2.682	4.1	20.2
5 21	15 47.92	−20 12.8	1.680	2.693	0.3	20.0
5 31	15 38.69	−19 33.0	1.705	2.703	4.8	20.3
6 10	15 30.74	−18 56.1	1.756	2.713	8.9	20.6
6 20	15 24.81	−18 25.9	1.830	2.723	12.5	20.8

140583 2001 TZ_{225} 5 20.2 192°.84 3°.0/18.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 14.77	−10 51.9	2.474	3.275	12.1	19.9
4 21	16 10.31	−10 36.5	2.385	3.274	9.6	19.7
5 1	16 4.00	−10 21.8	2.319	3.273	6.8	19.5
5 11	15 56.35	−10 9.9	2.279	3.271	4.0	19.3
5 21	15 48.01	−10 2.9	2.268	3.269	3.1	19.3
5 31	15 39.73	−10 2.5	2.285	3.266	5.3	19.4
6 10	15 32.26	−10 10.0	2.329	3.264	8.2	19.6
6 20	15 26.18	−10 26.2	2.398	3.261	11.0	19.8

350928 2002 TO_{163} 5 20.2 238°.17 4°.9/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 14.57	− 4 32.3	2.760	3.552	11.3	21.8
4 21	16 10.01	− 3 52.9	2.657	3.534	9.2	21.6
5 1	16 3.76	− 3 16.3	2.578	3.516	7.0	21.4
5 11	15 56.24	− 2 45.7	2.526	3.498	5.3	21.3
5 21	15 48.02	− 2 24.1	2.501	3.479	5.1	21.2
5 31	15 39.77	− 2 13.9	2.505	3.459	6.7	21.3
6 10	15 32.18	− 2 16.5	2.536	3.438	9.0	21.4
6 20	15 25.80	− 2 32.1	2.590	3.417	11.4	21.5

338618 2003 SX_{226} 5 20.2 297°.95 7°.2/22.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 21.11	−33 59.6	1.849	2.617	16.8	20.4
4 21	16 17.21	−35 22.3	1.739	2.593	14.3	20.2
5 1	16 9.98	−36 37.1	1.649	2.569	11.4	19.9
5 11	15 59.83	−37 37.9	1.582	2.545	8.7	19.7
5 21	15 47.69	−38 19.3	1.539	2.521	7.2	19.6
5 31	15 34.98	−38 38.2	1.523	2.497	8.3	19.6
6 10	15 23.36	−38 36.4	1.531	2.473	11.2	19.7
6 20	15 14.18	−38 19.1	1.562	2.450	14.5	19.8

321749 2010 NB_{7} 5 20.2 238°.52 5°.6/17.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 18.43	− 7 20.5	1.928	2.735	14.9	21.6
4 21	16 13.88	− 6 36.0	1.831	2.719	12.1	21.4
5 1	16 6.87	− 5 52.9	1.754	2.703	9.0	21.2
5 11	15 57.93	− 5 15.5	1.703	2.686	6.3	21.0
5 21	15 47.89	− 4 48.1	1.678	2.668	5.8	20.9
5 31	15 37.78	− 4 34.7	1.681	2.649	8.2	21.0
6 10	15 28.66	− 4 37.3	1.709	2.630	11.6	21.2
6 20	15 21.36	− 4 56.5	1.759	2.609	14.9	21.3

272716 2005 YS_{41} 5 20.2 212°.05 0°.8/20.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 16.84	−23 16.3	2.050	2.847	14.5	21.7
4 21	16 12.57	−23 13.1	1.957	2.843	11.5	21.5
5 1	16 5.90	−23 2.2	1.885	2.839	8.0	21.3
5 11	15 57.41	−22 43.5	1.838	2.834	4.1	21.1
5 21	15 47.94	−22 18.2	1.818	2.830	0.8	20.8
5 31	15 38.53	−21 48.8	1.826	2.824	4.4	21.1
6 10	15 30.19	−21 18.8	1.861	2.819	8.4	21.3
6 20	15 23.70	−20 52.2	1.920	2.813	12.0	21.5

68541 2001 WE_{40} 5 20.2 237°.24 1°.5/19.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 17.86	−19 39.8	1.685	2.498	16.4	19.8
4 21	16 13.90	−18 57.8	1.589	2.487	13.1	19.5
5 1	16 7.10	−18 6.2	1.514	2.475	9.0	19.3
5 11	15 58.10	−17 7.2	1.463	2.462	4.5	19.0
5 21	15 47.88	−16 4.4	1.439	2.449	1.7	18.8
5 31	15 37.68	−15 3.5	1.441	2.436	6.0	19.0
6 10	15 28.73	−14 10.2	1.469	2.422	10.7	19.2
6 20	15 21.96	−13 29.3	1.520	2.407	14.9	19.4

169254 2001 SH_{120} 5 20.2 318°.03 0°.3/20.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 12.69	−21 12.9	1.969	2.780	14.5	20.0
4 21	16 9.36	−20 50.6	1.877	2.773	11.5	19.8
5 1	16 3.71	−20 20.4	1.807	2.766	7.9	19.6
5 11	15 56.33	−19 43.9	1.761	2.760	3.9	19.3
5 21	15 48.04	−19 3.1	1.742	2.754	0.5	19.0
5 31	15 39.81	−18 21.8	1.750	2.748	4.7	19.3
6 10	15 32.63	−17 44.0	1.784	2.742	8.7	19.5
6 20	15 27.22	−17 13.3	1.842	2.737	12.3	19.8

395483 2011 UH_{55} 5 20.2 186°.48 0°.4/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 12.81	−20 14.3	2.773	3.565	11.2	22.2
4 21	16 8.64	−19 52.7	2.679	3.565	8.8	22.0
5 1	16 2.79	−19 26.0	2.609	3.564	6.0	21.8
5 11	15 55.74	−18 55.3	2.565	3.563	2.9	21.6
5 21	15 48.09	−18 22.2	2.550	3.562	0.6	21.4
5 31	15 40.53	−17 49.2	2.565	3.560	3.6	21.6
6 10	15 33.72	−17 18.9	2.607	3.559	6.7	21.8
6 20	15 28.19	−16 53.6	2.676	3.557	9.4	22.0

320670 2008 CU_{183} 5 20.2 78°.84 1°.6/20.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 19.76	−23 33.7	1.570	2.379	17.6	21.2
4 21	16 15.43	−23 51.6	1.500	2.392	14.0	21.0
5 1	16 8.09	−24 1.2	1.450	2.406	9.8	20.8
5 11	15 58.52	−24 1.6	1.424	2.420	5.2	20.5
5 21	15 47.86	−23 53.0	1.423	2.433	1.6	20.3
5 31	15 37.48	−23 37.7	1.448	2.447	5.2	20.6
6 10	15 28.66	−23 19.9	1.498	2.460	9.7	20.9
6 20	15 22.27	−23 4.0	1.572	2.474	13.6	21.1

80940 2000 DD_{86} 5 20.2 58°.23 3°.4/21.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 19.38	−26 42.5	1.540	2.345	18.1	19.4
4 21	16 15.42	−27 19.4	1.466	2.354	14.6	19.2
5 1	16 8.28	−27 46.5	1.412	2.362	10.5	19.0
5 11	15 58.70	−28 1.2	1.380	2.371	6.2	18.8
5 21	15 47.84	−28 2.3	1.373	2.380	3.4	18.6
5 31	15 37.17	−27 51.1	1.392	2.389	5.8	18.8
6 10	15 28.08	−27 32.2	1.435	2.398	10.0	19.0
6 20	15 21.55	−27 10.9	1.501	2.407	13.9	19.3

461652 2005 GM_{15} 5 20.2 21°.36 1°.5/19.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 12.93	−18 57.2	1.180	2.028	19.9	21.4
4 21	16 10.78	−18 34.9	1.117	2.034	15.7	21.1
5 1	16 5.26	−18 4.5	1.072	2.041	10.7	20.9
5 11	15 57.24	−17 28.9	1.048	2.049	5.3	20.6
5 21	15 47.98	−16 52.0	1.047	2.058	1.7	20.4
5 31	15 39.03	−16 19.0	1.069	2.068	6.7	20.7
6 10	15 31.85	−15 55.1	1.114	2.079	11.9	21.0
6 20	15 27.35	−15 43.7	1.179	2.091	16.4	21.3

214199 2005 EQ_{40} 5 20.2 326°.32 3°.2/19.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 12.09	−15 22.8	1.277	2.123	18.8	19.8
4 21	16 10.16	−14 55.5	1.193	2.109	15.0	19.5
5 1	16 4.99	−14 23.4	1.127	2.095	10.4	19.2
5 11	15 57.24	−13 49.9	1.083	2.082	5.6	18.9
5 21	15 47.97	−13 19.4	1.062	2.070	3.4	18.7
5 31	15 38.66	−12 56.8	1.064	2.059	7.6	18.9
6 10	15 30.79	−12 46.7	1.088	2.048	12.7	19.2
6 20	15 25.46	−12 51.6	1.132	2.038	17.4	19.4

189624 2001 DF_{82} 5 20.2 189°.63 0°.4/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 16.60	−19 58.7	2.662	3.449	11.8	21.9
4 21	16 11.69	−19 44.3	2.565	3.448	9.3	21.8
5 1	16 4.93	−19 25.1	2.492	3.446	6.4	21.6
5 11	15 56.83	−19 1.7	2.445	3.443	3.1	21.3
5 21	15 48.03	−18 35.7	2.428	3.440	0.5	21.1
5 31	15 39.30	−18 9.2	2.440	3.435	3.8	21.4
6 10	15 31.38	−17 44.8	2.481	3.431	7.0	21.6
6 20	15 24.86	−17 24.9	2.547	3.425	9.9	21.7

295617 2008 SA_{208} 5 20.2 268°.67 7°.1/16.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 15.57	− 2 18.2	2.107	2.909	13.9	20.4
4 21	16 11.46	− 1 24.9	2.005	2.885	11.6	20.2
5 1	16 5.13	− 0 35.8	1.925	2.860	9.2	20.0
5 11	15 57.08	+ 0 4.0	1.869	2.835	7.4	19.9
5 21	15 48.00	+ 0 29.8	1.840	2.810	7.3	19.8
5 31	15 38.82	+ 0 37.9	1.837	2.784	9.2	19.9
6 10	15 30.46	+ 0 26.4	1.858	2.757	12.0	20.0
6 20	15 23.69	− 0 4.2	1.902	2.730	14.9	20.1

291471 2006 DY_{83} 5 20.2 180°.35 1°.4/18.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 5.15	−13 50.4	4.675	5.469	6.9	21.3
4 21	16 1.98	−13 28.2	4.582	5.469	5.4	21.1
5 1	15 57.94	−13 5.0	4.514	5.469	3.7	21.0
5 11	15 53.29	−12 42.2	4.475	5.469	2.0	20.9
5 21	15 48.34	−12 20.8	4.465	5.469	1.5	20.8
5 31	15 43.44	−12 2.1	4.485	5.469	2.8	20.9
6 10	15 38.91	−11 47.2	4.533	5.469	4.5	21.1
6 20	15 35.04	−11 37.0	4.608	5.469	6.2	21.2

298309 2003 DK_{18} 5 20.2 153°.75 3°.6/18.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 14.24	− 9 38.6	2.339	3.144	12.6	20.6
4 21	16 9.98	− 9 19.5	2.256	3.146	10.0	20.4
5 1	16 3.83	− 9 2.0	2.195	3.148	7.1	20.2
5 11	15 56.31	− 8 48.5	2.160	3.150	4.5	20.1
5 21	15 48.09	− 8 41.3	2.153	3.151	3.7	20.0
5 31	15 39.96	− 8 42.2	2.174	3.153	5.8	20.1
6 10	15 32.70	− 8 52.5	2.221	3.154	8.7	20.3
6 20	15 26.90	− 9 12.5	2.293	3.156	11.5	20.5

55252 2001 RZ_{107} 5 20.2 10°.78 0°.6/20.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 14.29	−22 33.9	2.022	2.826	14.4	19.7
4 21	16 10.55	−22 31.7	1.935	2.826	11.4	19.5
5 1	16 4.49	−22 22.4	1.870	2.827	7.9	19.3
5 11	15 56.72	−22 6.3	1.830	2.827	4.0	19.0
5 21	15 48.05	−21 44.6	1.816	2.828	0.6	18.8
5 31	15 39.49	−21 19.9	1.830	2.829	4.4	19.1
6 10	15 31.99	−20 55.4	1.870	2.830	8.3	19.3
6 20	15 26.29	−20 34.6	1.935	2.831	11.7	19.5

490758 2010 TB_{167} 5 20.2 184°.53 1°.2/20.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 19.09	−25 18.5	2.025	2.814	14.9	22.0
4 21	16 14.35	−25 6.3	1.933	2.814	11.9	21.8
5 1	16 7.11	−24 44.1	1.863	2.814	8.4	21.6
5 11	15 58.01	−24 11.7	1.818	2.813	4.4	21.3
5 21	15 47.95	−23 30.5	1.801	2.812	1.2	21.1
5 31	15 38.02	−22 43.7	1.811	2.810	4.5	21.3
6 10	15 29.27	−21 55.9	1.849	2.807	8.5	21.6
6 20	15 22.48	−21 11.9	1.912	2.804	12.1	21.8

248379 2005 RT_{27} 5 20.2 278°.15 4°.2/22.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 15.90	−32 25.7	2.379	3.143	13.6	20.2
4 21	16 11.84	−32 54.9	2.274	3.131	11.3	20.0
5 1	16 5.46	−33 13.7	2.190	3.118	8.6	19.8
5 11	15 57.25	−33 20.0	2.131	3.105	5.9	19.6
5 21	15 48.01	−33 12.4	2.098	3.092	4.2	19.4
5 31	15 38.69	−32 51.7	2.093	3.079	5.3	19.5
6 10	15 30.32	−32 21.0	2.114	3.067	7.9	19.6
6 20	15 23.67	−31 44.6	2.160	3.054	10.8	19.8

506959 2008 QL_{41} 5 20.2 307°.72 3°.7/18.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 12.55	−13 50.1	1.603	2.434	16.3	21.2
4 21	16 9.84	−13 9.2	1.508	2.415	13.0	21.0
5 1	16 4.42	−12 24.0	1.433	2.397	9.1	20.7
5 11	15 56.86	−11 38.4	1.382	2.378	5.3	20.4
5 21	15 48.04	−10 56.8	1.356	2.360	4.0	20.3
5 31	15 39.15	−10 24.3	1.355	2.342	7.3	20.4
6 10	15 31.38	−10 4.9	1.377	2.325	11.7	20.6
6 20	15 25.68	−10 1.0	1.421	2.308	15.7	20.8

117866 2105 *P–L* 5 20.2 280°.34 5°.9/22.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 19.60	−31 50.0	1.504	2.298	18.9	19.9
4 21	16 16.41	−32 35.2	1.404	2.279	15.9	19.6
5 1	16 9.59	−33 7.8	1.322	2.260	12.2	19.3
5 11	15 59.68	−33 22.8	1.261	2.241	8.4	19.0
5 21	15 47.79	−33 16.4	1.224	2.222	5.9	18.8
5 31	15 35.58	−32 48.4	1.211	2.202	7.6	18.9
6 10	15 24.84	−32 3.8	1.222	2.182	11.6	19.0
6 20	15 16.95	−31 10.9	1.255	2.163	15.9	19.2

35740 1999 GK_{24} 5 20.2 326°.36 3°.5/18.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 11.18	−15 32.0	1.180	2.034	19.5	18.5
4 21	16 9.71	−14 58.9	1.097	2.018	15.6	18.2
5 1	16 4.86	−14 19.7	1.032	2.002	10.9	17.9
5 11	15 57.25	−13 38.5	0.988	1.988	5.9	17.5
5 21	15 48.00	−13 0.1	0.966	1.974	3.7	17.4
5 31	15 38.69	−12 30.8	0.966	1.961	8.1	17.6
6 10	15 30.89	−12 15.7	0.988	1.950	13.5	17.8
6 20	15 25.79	−12 17.7	1.029	1.939	18.4	18.0

354089 2001 XK_{15} 5 20.2 234°.83 0°.2/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 13.93	−21 11.4	2.707	3.497	11.5	21.7
4 21	16 9.68	−20 49.5	2.600	3.484	9.1	21.5
5 1	16 3.62	−20 21.4	2.516	3.471	6.3	21.3
5 11	15 56.22	−19 48.2	2.459	3.457	3.1	21.1
5 21	15 48.11	−19 11.4	2.431	3.443	0.4	20.8
5 31	15 40.00	−18 33.5	2.432	3.429	3.7	21.1
6 10	15 32.64	−17 57.6	2.462	3.414	7.0	21.2
6 20	15 26.61	−17 26.3	2.517	3.398	9.9	21.4

58097 Alimov 5 20.2 203°.61 2°.7/21.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 21.15	−27 40.5	2.452	3.218	13.2	19.5
4 21	16 15.73	−28 9.3	2.349	3.213	10.7	19.3
5 1	16 7.99	−28 30.7	2.269	3.207	7.8	19.1
5 11	15 58.47	−28 42.8	2.214	3.200	4.7	18.9
5 21	15 47.92	−28 44.6	2.188	3.192	2.7	18.7
5 31	15 37.32	−28 36.8	2.191	3.184	4.5	18.8
6 10	15 27.65	−28 21.9	2.223	3.175	7.6	19.0
6 20	15 19.69	−28 3.5	2.280	3.165	10.6	19.2

301132 2008 WX_{127} 5 20.2 315°.69 0°.6/20.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 14.60	−18 26.9	1.165	2.012	20.2	20.7
4 21	16 12.75	−18 39.7	1.078	1.993	16.2	20.3
5 1	16 7.21	−18 48.5	1.008	1.976	11.3	20.0
5 11	15 58.55	−18 53.8	0.958	1.959	5.7	19.6
5 21	15 47.90	−18 56.5	0.930	1.942	0.8	19.2
5 31	15 36.97	−18 58.8	0.926	1.926	6.9	19.6
6 10	15 27.59	−19 4.5	0.943	1.911	13.0	19.8
6 20	15 21.16	−19 17.0	0.979	1.897	18.3	20.1

185764 1999 TL_{92} 5 20.2 248°.71 5°.8/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 11.18	− 3 13.8	2.695	3.494	11.3	20.5
4 21	16 7.40	− 2 6.3	2.602	3.480	9.3	20.3
5 1	16 1.99	− 1 1.2	2.532	3.467	7.3	20.1
5 11	15 55.41	− 0 2.8	2.489	3.452	5.9	20.0
5 21	15 48.20	+ 0 45.1	2.474	3.438	6.0	20.0
5 31	15 41.01	+ 1 19.2	2.485	3.423	7.6	20.1
6 10	15 34.49	+ 1 37.5	2.523	3.409	9.7	20.2
6 20	15 29.16	+ 1 39.7	2.583	3.393	11.9	20.3

221996 1997 YN_{1} 5 20.2 138°.97 5°.8/17.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 17.27	− 3 41.4	2.313	3.107	13.1	20.7
4 21	16 12.19	− 2 56.0	2.243	3.121	10.6	20.6
5 1	16 5.23	− 2 15.2	2.197	3.134	8.1	20.5
5 11	15 56.95	− 1 43.1	2.177	3.147	6.2	20.4
5 21	15 48.08	− 1 22.8	2.183	3.158	5.9	20.4
5 31	15 39.41	− 1 16.7	2.218	3.170	7.6	20.5
6 10	15 31.71	− 1 25.6	2.279	3.180	10.0	20.6
6 20	15 25.54	− 1 48.8	2.363	3.190	12.3	20.8

176127 2001 EM_{11} 5 20.2 61°.48 7°.5/17.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 17.03	− 5 39.8	1.385	2.215	18.4	19.4
4 21	16 13.07	− 4 36.4	1.335	2.236	14.8	19.2
5 1	16 6.29	− 3 38.8	1.306	2.257	11.1	19.0
5 11	15 57.56	− 2 53.6	1.298	2.278	8.2	18.9
5 21	15 48.03	− 2 26.2	1.315	2.299	7.7	19.0
5 31	15 38.97	− 2 20.2	1.355	2.321	10.0	19.1
6 10	15 31.50	− 2 35.9	1.419	2.342	13.3	19.4
6 20	15 26.34	− 3 11.1	1.502	2.364	16.5	19.6

71248 2000 AJ_{13} 5 20.2 217°.47 1°.5/21.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 16.57	−25 1.1	2.189	2.978	13.9	19.9
4 21	16 12.27	−25 6.4	2.093	2.974	11.1	19.7
5 1	16 5.67	−25 3.8	2.019	2.969	7.9	19.4
5 11	15 57.33	−24 52.7	1.970	2.964	4.3	19.2
5 21	15 48.04	−24 33.6	1.949	2.959	1.5	19.0
5 31	15 38.79	−24 8.4	1.955	2.953	4.3	19.2
6 10	15 30.54	−23 40.6	1.989	2.948	7.9	19.4
6 20	15 24.05	−23 13.9	2.048	2.942	11.3	19.6

377676 2005 UZ_{401} 5 20.2 9°.83 4°.1/17.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 10.21	−17 4.8	1.343	2.188	18.1	20.2
4 21	16 8.18	−15 35.9	1.273	2.189	14.2	19.9
5 1	16 3.25	−13 56.4	1.224	2.192	9.8	19.7
5 11	15 56.21	−12 12.9	1.197	2.195	5.5	19.4
5 21	15 48.15	−10 33.7	1.195	2.200	4.4	19.4
5 31	15 40.37	− 9 7.8	1.218	2.205	8.1	19.6
6 10	15 34.08	− 8 1.9	1.264	2.211	12.5	19.9
6 20	15 30.06	− 7 19.3	1.330	2.218	16.5	20.1

300029 2006 UM_{100} 5 20.2 203°.31 3°.6/17.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 12.12	−11 40.1	2.471	3.278	12.0	21.2
4 21	16 8.24	−10 44.4	2.383	3.276	9.5	21.0
5 1	16 2.61	− 9 46.8	2.319	3.273	6.7	20.8
5 11	15 55.71	− 8 50.7	2.281	3.271	4.3	20.6
5 21	15 48.19	− 7 59.7	2.272	3.268	3.8	20.6
5 31	15 40.76	− 7 17.2	2.290	3.265	5.9	20.7
6 10	15 34.14	− 6 45.9	2.336	3.262	8.6	20.9
6 20	15 28.86	− 6 27.4	2.405	3.258	11.3	21.1

198476 2004 XE_{38} 5 20.2 182°.19 4°.8/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 14.43	− 7 55.3	2.361	3.164	12.6	21.0
4 21	16 10.09	− 6 54.4	2.278	3.165	10.1	20.8
5 1	16 3.88	− 5 54.1	2.218	3.165	7.4	20.7
5 11	15 56.34	− 4 58.2	2.185	3.165	5.3	20.5
5 21	15 48.15	− 4 10.9	2.179	3.164	5.1	20.5
5 31	15 40.07	− 3 35.6	2.201	3.163	7.0	20.6
6 10	15 32.85	− 3 14.6	2.250	3.161	9.6	20.8
6 20	15 27.08	− 3 8.6	2.322	3.159	12.2	21.0

429683 2011 HC_{10} 5 20.2 244°.85 4°.1/18.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 14.65	−10 45.7	1.990	2.804	14.2	21.1
4 21	16 10.76	−10 7.6	1.901	2.797	11.3	20.9
5 1	16 4.63	− 9 28.9	1.835	2.790	8.1	20.7
5 11	15 56.82	− 8 53.2	1.792	2.783	5.1	20.5
5 21	15 48.11	− 8 24.1	1.777	2.776	4.3	20.4
5 31	15 39.46	− 8 5.0	1.789	2.768	6.8	20.6
6 10	15 31.78	− 7 58.2	1.826	2.760	10.2	20.8
6 20	15 25.82	− 8 4.9	1.886	2.752	13.4	21.0

268452 2005 WR_{69} 5 20.2 224°.35 0°.7/19.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 16.81	−19 25.1	2.087	2.889	14.1	21.5
4 21	16 12.50	−19 9.4	1.990	2.881	11.2	21.3
5 1	16 5.85	−18 48.0	1.915	2.872	7.7	21.1
5 11	15 57.44	−18 21.9	1.865	2.863	3.8	20.8
5 21	15 48.06	−17 53.1	1.842	2.854	0.9	20.5
5 31	15 38.70	−17 24.4	1.848	2.844	4.7	20.8
6 10	15 30.35	−16 59.1	1.881	2.834	8.7	21.0
6 20	15 23.74	−16 40.4	1.938	2.823	12.2	21.2

302242 2001 WL_{98} 5 20.2 236°.02 0°.8/19.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 18.70	−20 53.4	1.704	2.513	16.4	21.6
4 21	16 14.61	−20 23.0	1.607	2.502	13.1	21.4
5 1	16 7.65	−19 43.0	1.530	2.489	9.1	21.1
5 11	15 58.45	−18 54.8	1.477	2.476	4.5	20.8
5 21	15 47.98	−18 1.0	1.451	2.462	1.0	20.5
5 31	15 37.49	−17 6.6	1.451	2.448	5.7	20.8
6 10	15 28.26	−16 17.1	1.478	2.433	10.4	21.0
6 20	15 21.22	−15 37.5	1.527	2.418	14.6	21.3

300244 2007 EY_{8} 5 20.2 353°.56 4°.5/15.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 5.31	− 1 31.9	3.791	4.585	8.4	20.8
4 21	16 2.32	− 0 42.5	3.710	4.584	6.9	20.7
5 1	15 58.28	+ 0 3.5	3.654	4.582	5.5	20.6
5 11	15 53.52	+ 0 43.5	3.625	4.581	4.6	20.5
5 21	15 48.40	+ 1 15.1	3.623	4.580	4.6	20.5
5 31	15 43.34	+ 1 36.7	3.648	4.579	5.6	20.6
6 10	15 38.73	+ 1 47.3	3.700	4.578	7.1	20.7
6 20	15 34.91	+ 1 46.7	3.775	4.577	8.6	20.8

36104 1999 RY_{116} 5 20.2 74°.32 7°.0/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 20.14	−38 18.7	1.836	2.591	17.4	18.3
4 21	16 15.88	−38 58.3	1.760	2.601	14.7	18.1
5 1	16 8.52	−39 20.5	1.702	2.612	11.8	18.0
5 11	15 58.82	−39 21.3	1.667	2.623	8.9	17.8
5 21	15 47.96	−38 58.7	1.656	2.634	7.1	17.7
5 31	15 37.35	−38 14.2	1.670	2.645	7.6	17.8
6 10	15 28.35	−37 13.9	1.709	2.656	9.9	17.9
6 20	15 21.85	−36 5.2	1.772	2.667	12.7	18.1

172457 2003 RU_{1} 5 20.2 292°.46 0°.4/20.1 18

4 11	16 16.55	−19 57.3	1.474	2.299	17.8	20.6
4 21	16 13.67	−19 54.9	1.368	2.272	14.3	20.3
5 1	16 7.53	−19 45.8	1.282	2.245	10.1	19.9
5 11	15 58.64	−19 30.2	1.218	2.217	5.0	19.6
5 21	15 47.96	−19 9.4	1.178	2.190	0.6	19.2
5 31	15 36.90	−18 46.5	1.163	2.162	6.2	19.5
6 10	15 27.03	−18 26.2	1.172	2.135	11.7	19.7
6 20	15 19.62	−18 13.1	1.203	2.108	16.7	19.9

8863 1991 UV_{2} 5 20.2 244°.77 0°.0/20.3 18

4 11	16 19.32	−19 33.6	2.372	3.161	13.0	18.5
4 21	16 14.34	−19 45.9	2.260	3.142	10.4	18.3
5 1	16 7.11	−19 55.0	2.170	3.123	7.2	18.1
5 11	15 58.11	−20 0.6	2.106	3.103	3.6	17.8
5 21	15 48.03	−20 3.2	2.071	3.083	0.3	17.5
5 31	15 37.80	−20 3.6	2.065	3.062	4.2	17.8
6 10	15 28.37	−20 4.0	2.088	3.040	8.0	18.0
6 20	15 20.52	−20 6.4	2.135	3.018	11.4	18.1

490733 2010 RQ_{167} 5 20.3 276°.26 4°.8/22.8 18

4 11	16 16.52	−33 58.3	2.409	3.166	13.7	21.6
4 21	16 12.36	−34 34.3	2.307	3.156	11.4	21.4
5 1	16 5.84	−34 59.6	2.226	3.147	8.9	21.2
5 11	15 57.49	−35 11.5	2.169	3.137	6.3	21.1
5 21	15 48.09	−35 8.5	2.139	3.127	4.8	20.9
5 31	15 38.63	−34 51.1	2.136	3.118	5.6	21.0
6 10	15 30.14	−34 22.2	2.159	3.108	8.0	21.1
6 20	15 23.39	−33 46.2	2.208	3.098	10.7	21.3

175048 2004 FV_{94} 5 20.3 347°.61 2°.9/19.1 18

4 11	16 15.24	−11 46.6	1.997	2.809	14.2	19.4
4 21	16 11.23	−11 44.3	1.911	2.807	11.3	19.1
5 1	16 4.96	−11 43.4	1.848	2.806	7.9	18.9
5 11	15 57.00	−11 45.6	1.809	2.804	4.4	18.7
5 21	15 48.15	−11 52.7	1.798	2.803	3.0	18.6
5 31	15 39.34	−12 6.3	1.813	2.802	5.7	18.8
6 10	15 31.55	−12 27.5	1.855	2.801	9.3	19.0
6 20	15 25.47	−12 56.7	1.921	2.800	12.6	19.2

141803 2002 NY_{35} 5 20.3 303°.17 0°.3/20.1 17

4 11	16 13.86	−22 31.5	1.462	2.289	17.8	19.8
4 21	16 11.28	−21 59.0	1.370	2.275	14.3	19.5
5 1	16 5.64	−21 13.8	1.297	2.261	9.9	19.2
5 11	15 57.56	−20 17.2	1.247	2.247	4.9	18.9
5 21	15 48.09	−19 12.7	1.221	2.233	0.6	18.5
5 31	15 38.63	−18 6.3	1.221	2.220	6.0	18.8
6 10	15 30.55	−17 5.0	1.244	2.207	11.1	19.1
6 20	15 24.86	−16 14.9	1.289	2.195	15.8	19.3

1464 Armisticia 5 20.3 90°.40 2°.8/18.9 18 R

4 11	16 15.30	−11 41.3	2.191	2.997	13.3	15.9
4 21	16 10.98	−11 33.6	2.109	3.002	10.5	15.7
5 1	16 4.62	−11 26.7	2.050	3.006	7.4	15.5
5 11	15 56.77	−11 22.6	2.017	3.011	4.2	15.3
5 21	15 48.17	−11 23.0	2.011	3.015	3.0	15.2
5 31	15 39.68	−11 29.8	2.033	3.020	5.4	15.4
6 10	15 32.13	−11 43.9	2.082	3.024	8.6	15.6
6 20	15 26.17	−12 6.0	2.155	3.029	11.7	15.8

254200 2004 RF_{58} 5 20.3 312°.53 4°.1/17.8 17

4 11	16 10.91	−10 36.0	2.134	2.951	13.3	20.1
4 21	16 7.73	− 9 53.7	2.039	2.937	10.6	19.9
5 1	16 2.53	− 9 10.7	1.967	2.924	7.6	19.6
5 11	15 55.80	− 8 30.3	1.921	2.910	4.9	19.5
5 21	15 48.25	− 7 56.2	1.900	2.897	4.3	19.4
5 31	15 40.70	− 7 32.0	1.907	2.884	6.6	19.5
6 10	15 34.01	− 7 20.0	1.939	2.872	9.7	19.7
6 20	15 28.82	− 7 21.5	1.994	2.860	12.8	19.8

34770 2001 QJ_{243} 5 20.3 198°.23 0°.6/20.6 18

4 11	16 14.74	−22 50.4	2.417	3.209	12.7	20.0
4 21	16 10.53	−22 44.1	2.323	3.207	10.1	19.8
5 1	16 4.32	−22 31.2	2.252	3.205	7.0	19.6
5 11	15 56.63	−22 12.1	2.207	3.203	3.5	19.4
5 21	15 48.18	−21 47.9	2.189	3.201	0.6	19.1
5 31	15 39.80	−21 20.7	2.200	3.198	3.8	19.4
6 10	15 32.31	−20 53.6	2.239	3.196	7.3	19.6
6 20	15 26.34	−20 29.5	2.303	3.193	10.4	19.8

59798 1999 PO_{1} 5 20.3 261°.32 6°.7/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 22.08	−37 33.0	2.390	3.123	14.4	19.5
4 21	16 17.05	−38 50.0	2.294	3.120	12.3	19.3
5 1	16 9.28	−39 56.6	2.219	3.116	10.0	19.1
5 11	15 59.29	−40 48.1	2.168	3.113	7.9	19.0
5 21	15 47.96	−41 20.8	2.144	3.109	6.8	18.9
5 31	15 36.43	−41 33.3	2.146	3.105	7.3	19.0
6 10	15 25.94	−41 28.0	2.175	3.102	9.2	19.1
6 20	15 17.45	−41 9.1	2.228	3.098	11.5	19.2

379314 2009 WN_{14} 5 20.3 217°.17 1°.2/19.6 17

4 11	16 16.65	−18 7.2	2.112	2.915	13.9	22.3
4 21	16 12.31	−17 49.0	2.017	2.908	11.0	22.1
5 1	16 5.69	−17 26.0	1.944	2.902	7.5	21.9
5 11	15 57.37	−16 59.6	1.896	2.895	3.8	21.6
5 21	15 48.13	−16 31.8	1.876	2.887	1.3	21.5
5 31	15 38.92	−16 5.5	1.884	2.879	4.8	21.7
6 10	15 30.69	−15 43.8	1.920	2.871	8.7	21.9
6 20	15 24.18	−15 29.5	1.979	2.862	12.1	22.1

371627 2007 AP_{7} 5 20.3 149°.85 1°.1/20.9 17

4 11	16 17.70	−24 46.7	1.884	2.682	15.5	22.1
4 21	16 13.41	−24 34.8	1.800	2.686	12.4	21.9
5 1	16 6.55	−24 12.8	1.737	2.691	8.7	21.6
5 11	15 57.80	−23 40.9	1.699	2.695	4.5	21.4
5 21	15 48.10	−23 0.7	1.687	2.698	1.1	21.2
5 31	15 38.58	−22 15.7	1.703	2.702	4.6	21.4
6 10	15 30.32	−21 30.7	1.745	2.705	8.7	21.7
6 20	15 24.08	−20 50.2	1.811	2.708	12.4	21.9

208397 2001 SV_{197} 5 20.3 250°.81 0°.5/20.5 18

4 11	16 14.79	−22 17.9	2.278	3.074	13.2	21.1
4 21	16 10.77	−22 15.9	2.179	3.066	10.5	20.9
5 1	16 4.61	−22 7.6	2.103	3.058	7.3	20.7
5 11	15 56.83	−21 53.3	2.053	3.050	3.7	20.4
5 21	15 48.17	−21 33.8	2.030	3.041	0.5	20.2
5 31	15 39.53	−21 11.3	2.035	3.033	4.1	20.4
6 10	15 31.79	−20 48.8	2.067	3.024	7.7	20.6
6 20	15 25.65	−20 29.3	2.124	3.016	11.0	20.8

373592 2002 CA_{59} 5 20.3 120°.69 20°.8/ 7.3 18

4 11	16 20.39	+16 23.2	1.156	1.947	23.7	20.7
4 21	16 16.38	+19 52.5	1.131	1.960	22.0	20.6
5 1	16 8.91	+22 51.2	1.123	1.972	21.0	20.6
5 11	15 58.99	+25 3.2	1.132	1.984	20.9	20.6
5 21	15 48.02	+26 18.4	1.158	1.995	21.6	20.7
5 31	15 37.61	+26 34.2	1.200	2.006	22.9	20.8
6 10	15 29.17	+25 56.2	1.255	2.016	24.4	21.0
6 20	15 23.53	+24 34.1	1.321	2.025	25.9	21.1

76405 2000 FM_{13} 5 20.3 77°.62 8°.0/17.6 18

4 11	16 18.16	− 1 27.1	1.609	2.422	17.1	18.7
4 21	16 13.75	− 0 47.5	1.547	2.433	14.0	18.5
5 1	16 6.74	− 0 17.2	1.505	2.444	10.9	18.3
5 11	15 57.86	− 0 1.7	1.486	2.455	8.5	18.2
5 21	15 48.11	− 0 5.0	1.491	2.467	8.1	18.2
5 31	15 38.65	− 0 29.0	1.522	2.478	10.0	18.3
6 10	15 30.54	− 1 13.1	1.576	2.489	12.9	18.5
6 20	15 24.53	− 2 14.3	1.651	2.500	15.8	18.7

523692 2014 EZ_{51} 5 20.3 268°.88 0°.1/21.6 17

4 11	15 51.30	−26 0.1	54.581	55.349	0.7	21.3
4 21	15 50.75	−25 59.4	54.476	55.344	0.5	21.3
5 1	15 50.14	−25 58.3	54.397	55.339	0.4	21.3
5 11	15 49.48	−25 56.8	54.345	55.334	0.2	21.2
5 21	15 48.80	−25 55.1	54.322	55.329	0.1	21.2
5 31	15 48.12	−25 53.2	54.328	55.324	0.2	21.2
6 10	15 47.47	−25 51.2	54.363	55.319	0.4	21.3
6 20	15 46.87	−25 49.2	54.425	55.314	0.5	21.3

364166 2006 JB 5 20.3 153°.21 1°.8/20.9 17

4 11	16 21.56	−23 33.3	1.623	2.427	17.4	21.2
4 21	16 17.00	−23 57.9	1.542	2.431	13.9	21.0
5 1	16 9.35	−24 15.2	1.481	2.434	9.8	20.7
5 11	15 59.32	−24 23.7	1.443	2.438	5.3	20.5
5 21	15 48.00	−24 22.8	1.431	2.441	1.8	20.2
5 31	15 36.77	−24 14.0	1.445	2.444	5.3	20.5
6 10	15 27.02	−24 1.2	1.485	2.446	9.9	20.7
6 20	15 19.70	−23 48.7	1.549	2.448	13.9	21.0

96903 1999 TJ_{83} 5 20.3 10°.19 4°.9/17.1 18

4 11	16 10.29	− 9 49.7	1.970	2.793	14.0	19.6
4 21	16 7.26	− 8 45.5	1.894	2.795	11.1	19.4
5 1	16 2.16	− 7 40.6	1.841	2.797	8.1	19.2
5 11	15 55.59	− 6 39.9	1.813	2.799	5.5	19.1
5 21	15 48.30	− 5 47.9	1.811	2.802	5.2	19.1
5 31	15 41.17	− 5 9.1	1.835	2.806	7.4	19.2
6 10	15 35.01	− 4 46.0	1.884	2.809	10.4	19.4
6 20	15 30.46	− 4 39.4	1.955	2.814	13.3	19.6

376798 2000 SU_{288} 5 20.3 196°.41 5°.9/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 21.66	−37 23.9	2.338	3.075	14.6	21.5
4 21	16 16.55	−38 1.9	2.241	3.072	12.4	21.3
5 1	16 8.79	−38 26.8	2.164	3.069	9.8	21.2
5 11	15 58.98	−38 34.9	2.111	3.065	7.4	21.0
5 21	15 48.04	−38 24.1	2.084	3.061	5.9	20.9
5 31	15 37.11	−37 54.9	2.084	3.057	6.5	20.9
6 10	15 27.35	−37 11.0	2.111	3.051	8.6	21.0
6 20	15 19.62	−36 18.2	2.163	3.046	11.2	21.2

436923 2012 TA_{101} 5 20.3 279°.08 6°.7/22.7 17

4 11	16 20.62	−35 36.7	2.031	2.787	15.9	21.2
4 21	16 16.41	−36 41.3	1.925	2.770	13.5	21.0
5 1	16 9.17	−37 35.2	1.839	2.753	10.8	20.8
5 11	15 59.39	−38 13.3	1.776	2.736	8.2	20.6
5 21	15 48.00	−38 31.9	1.739	2.718	6.7	20.5
5 31	15 36.30	−38 29.4	1.727	2.701	7.5	20.5
6 10	15 25.73	−38 8.6	1.741	2.683	10.1	20.6
6 20	15 17.41	−37 35.1	1.778	2.665	13.1	20.7

205716 2002 AQ_{78} 5 20.3 54°.71 4°.4/22.2 17

4 11	16 18.68	−30 19.8	1.337	2.146	20.1	20.5
4 21	16 15.40	−30 37.1	1.268	2.155	16.4	20.3
5 1	16 8.54	−30 38.0	1.217	2.164	12.1	20.0
5 11	15 58.97	−30 19.8	1.186	2.174	7.5	19.8
5 21	15 48.05	−29 42.4	1.179	2.183	4.4	19.6
5 31	15 37.47	−28 49.6	1.196	2.193	6.5	19.8
6 10	15 28.77	−27 49.1	1.237	2.203	10.8	20.1
6 20	15 22.97	−26 49.3	1.300	2.214	15.1	20.3

377897 2006 DZ_{92} 5 20.3 154°.60 2°.0/19.1 17

4 11	16 16.14	−15 47.5	2.380	3.179	12.6	22.0
4 21	16 11.45	−15 17.0	2.297	3.187	9.9	21.9
5 1	16 4.84	−14 43.2	2.237	3.194	6.8	21.7
5 11	15 56.87	−14 8.2	2.204	3.201	3.6	21.5
5 21	15 48.24	−13 34.6	2.199	3.207	2.1	21.4
5 31	15 39.75	−13 5.2	2.223	3.212	4.8	21.6
6 10	15 32.20	−12 42.5	2.275	3.217	8.0	21.8
6 20	15 26.15	−12 28.4	2.351	3.222	10.9	22.0

91020 1998 DQ_{22} 5 20.3 27°.62 1°.8/21.1 17

4 11	16 15.73	−25 22.1	1.654	2.464	16.8	19.7
4 21	16 12.30	−25 24.2	1.574	2.466	13.5	19.5
5 1	16 6.04	−25 15.7	1.515	2.470	9.5	19.3
5 11	15 57.65	−24 56.2	1.478	2.473	5.2	19.0
5 21	15 48.17	−24 26.7	1.466	2.477	1.8	18.8
5 31	15 38.84	−23 50.5	1.481	2.481	5.1	19.0
6 10	15 30.90	−23 12.4	1.521	2.485	9.4	19.3
6 20	15 25.18	−22 37.5	1.583	2.489	13.3	19.6

141069 2001 XX_{14} 5 20.3 45°.21 0°.4/20.1 17

4 11	16 16.27	−17 49.7	2.048	2.853	14.2	19.5
4 21	16 11.99	−18 8.0	1.969	2.862	11.2	19.3
5 1	16 5.45	−18 24.0	1.913	2.871	7.6	19.1
5 11	15 57.25	−18 38.0	1.882	2.881	3.7	18.9
5 21	15 48.21	−18 50.3	1.878	2.890	0.6	18.7
5 31	15 39.28	−19 2.1	1.902	2.900	4.4	19.0
6 10	15 31.42	−19 14.9	1.953	2.910	8.2	19.2
6 20	15 25.31	−19 30.2	2.028	2.920	11.5	19.5

60265 1999 XY_{22} 5 20.3 296°.10 0°.2/20.4 18

4 11	16 14.18	−20 39.0	2.241	3.042	13.2	18.4
4 21	16 10.47	−20 45.8	2.131	3.021	10.6	18.2
5 1	16 4.55	−20 48.1	2.043	3.000	7.3	18.0
5 11	15 56.90	−20 46.1	1.981	2.979	3.7	17.7
5 21	15 48.23	−20 40.2	1.945	2.957	0.3	17.4
5 31	15 39.42	−20 32.1	1.938	2.936	4.3	17.7
6 10	15 31.42	−20 24.2	1.958	2.915	8.1	17.8
6 20	15 25.00	−20 19.0	2.002	2.894	11.6	18.0

431939 2008 TL_{174} 5 20.3 84°.72 2°.8/18.6 17

4 11	16 14.68	−15 25.3	1.908	2.724	14.7	21.6
4 21	16 10.71	−14 35.3	1.837	2.736	11.5	21.4
5 1	16 4.51	−13 41.3	1.788	2.748	7.9	21.2
5 11	15 56.74	−12 46.5	1.765	2.761	4.3	21.0
5 21	15 48.25	−11 55.1	1.768	2.773	3.0	21.0
5 31	15 40.02	−11 11.2	1.798	2.785	5.9	21.2
6 10	15 32.94	−10 38.4	1.854	2.797	9.5	21.4
6 20	15 27.66	−10 18.5	1.934	2.809	12.7	21.6

501672 2014 TT_{22} 5 20.3 146°.62 3°.4/18.6 17

4 11	16 17.39	−14 31.0	1.705	2.523	16.1	21.5
4 21	16 13.21	−13 44.4	1.629	2.528	12.7	21.3
5 1	16 6.43	−12 53.9	1.574	2.534	8.8	21.1
5 11	15 57.77	−12 3.1	1.543	2.538	4.9	20.9
5 21	15 48.17	−11 16.3	1.538	2.543	3.5	20.8
5 31	15 38.79	−10 38.1	1.560	2.547	6.7	21.0
6 10	15 30.69	−10 12.2	1.608	2.551	10.7	21.2
6 20	15 24.65	−10 0.6	1.677	2.554	14.3	21.5

147848 2005 UB_{68} 5 20.3 281°.73 0°.8/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 14.58	−17 20.0	2.337	3.139	12.7	20.2
4 21	16 10.50	−17 25.0	2.240	3.131	10.1	20.0
5 1	16 4.39	−17 27.7	2.166	3.123	6.9	19.8
5 11	15 56.75	−17 28.8	2.118	3.116	3.4	19.5
5 21	15 48.25	−17 29.3	2.097	3.108	0.9	19.3
5 31	15 39.75	−17 30.5	2.105	3.101	4.3	19.6
6 10	15 32.07	−17 34.2	2.140	3.093	7.8	19.8
6 20	15 25.91	−17 42.1	2.200	3.086	11.0	19.9

412271 2013 JQ_{3} 5 20.3 44°.28 2°.8/21.5 17

4 11	16 17.05	−27 54.5	1.278	2.099	20.2	20.6
4 21	16 14.13	−27 52.2	1.210	2.107	16.3	20.4
5 1	16 7.66	−27 33.7	1.159	2.115	11.7	20.2
5 11	15 58.54	−26 58.2	1.130	2.124	6.6	19.9
5 21	15 48.11	−26 7.1	1.123	2.133	2.8	19.7
5 31	15 38.03	−25 5.7	1.142	2.142	6.0	19.9
6 10	15 29.83	−24 2.2	1.183	2.152	11.0	20.2
6 20	15 24.48	−23 4.2	1.246	2.162	15.4	20.5

203363 2001 VD_{119} 5 20.3 85°.72 1°.5/20.9 18

4 11	16 18.43	−25 34.2	1.421	2.236	18.8	20.4
4 21	16 14.81	−25 22.4	1.347	2.243	15.1	20.1
5 1	16 7.94	−24 57.4	1.293	2.250	10.6	19.9
5 11	15 58.63	−24 19.1	1.260	2.257	5.6	19.6
5 21	15 48.11	−23 29.5	1.253	2.264	1.5	19.4
5 31	15 37.89	−22 33.6	1.271	2.271	5.6	19.7
6 10	15 29.36	−21 38.3	1.313	2.278	10.5	19.9
6 20	15 23.44	−20 49.8	1.377	2.285	14.8	20.2

100088 1993 DC 5 20.3 142°.38 0°.8/19.8 18

4 11	16 22.30	−17 50.0	2.475	3.256	12.7	21.3
4 21	16 16.13	−17 44.4	2.396	3.275	10.0	21.1
5 1	16 7.96	−17 35.3	2.339	3.292	6.8	20.9
5 11	15 58.38	−17 23.7	2.311	3.308	3.3	20.7
5 21	15 48.15	−17 10.5	2.311	3.323	1.0	20.6
5 31	15 38.12	−16 57.9	2.343	3.336	4.1	20.8
6 10	15 29.10	−16 47.8	2.403	3.349	7.4	21.1
6 20	15 21.70	−16 42.4	2.489	3.361	10.4	21.3

471901 2013 BR_{38} 5 20.3 255°.54 4°.6/23.0 18

4 11	16 16.86	−34 38.1	2.428	3.182	13.6	21.5
4 21	16 12.62	−34 59.6	2.322	3.169	11.4	21.3
5 1	16 6.02	−35 9.0	2.237	3.157	8.9	21.1
5 11	15 57.62	−35 3.9	2.176	3.144	6.3	21.0
5 21	15 48.19	−34 43.4	2.141	3.131	4.7	20.8
5 31	15 38.74	−34 8.3	2.134	3.118	5.4	20.9
6 10	15 30.26	−33 22.4	2.154	3.105	7.9	21.0
6 20	15 23.54	−32 30.4	2.199	3.091	10.7	21.1

126147 2001 YD_{134} 5 20.3 248°.70 2°.5/21.3 17

4 11	16 20.04	−26 12.9	1.622	2.424	17.5	20.8
4 21	16 16.13	−26 26.5	1.525	2.411	14.2	20.5
5 1	16 9.01	−26 29.6	1.447	2.398	10.2	20.3
5 11	15 59.31	−26 20.4	1.391	2.384	5.8	20.0
5 21	15 48.06	−25 58.3	1.361	2.371	2.5	19.7
5 31	15 36.68	−25 25.5	1.358	2.356	5.6	19.9
6 10	15 26.66	−24 47.0	1.379	2.341	10.3	20.1
6 20	15 19.11	−24 9.0	1.423	2.326	14.7	20.3

417806 2007 ED_{171} 5 20.3 85°.28 1°.6/21.1 14 C

4 11	16 19.49	−25 46.1	1.776	2.572	16.4	22.0
4 21	16 14.79	−25 41.1	1.710	2.594	13.0	21.8
5 1	16 7.44	−25 25.4	1.664	2.615	9.1	21.6
5 11	15 58.21	−24 58.9	1.642	2.636	4.9	21.4
5 21	15 48.17	−24 23.3	1.647	2.657	1.6	21.2
5 31	15 38.51	−23 41.9	1.679	2.678	4.7	21.5
6 10	15 30.29	−22 59.7	1.738	2.698	8.7	21.7
6 20	15 24.26	−22 21.5	1.820	2.718	12.3	22.0

146143 2000 SF_{58} 5 20.3 252°.40 0°.6/20.6 18

4 11	16 14.47	−22 49.7	2.538	3.328	12.2	21.1
4 21	16 10.35	−22 45.2	2.431	3.314	9.7	20.9
5 1	16 4.26	−22 34.4	2.347	3.299	6.8	20.7
5 11	15 56.69	−22 17.6	2.289	3.285	3.5	20.4
5 21	15 48.28	−21 55.6	2.258	3.270	0.6	20.2
5 31	15 39.85	−21 30.3	2.257	3.255	3.8	20.4
6 10	15 32.19	−21 4.6	2.283	3.240	7.2	20.6
6 20	15 25.97	−20 41.4	2.335	3.224	10.3	20.7

504570 2008 TC_{36} 5 20.3 263°.59 4°.4/22.2 17

4 11	16 18.43	−31 0.0	1.944	2.723	15.8	21.7
4 21	16 14.39	−31 35.3	1.848	2.715	13.0	21.5
5 1	16 7.54	−31 59.7	1.772	2.708	9.8	21.2
5 11	15 58.48	−32 10.4	1.720	2.700	6.5	21.0
5 21	15 48.14	−32 5.5	1.694	2.692	4.5	20.9
5 31	15 37.74	−31 45.8	1.694	2.684	5.8	21.0
6 10	15 28.54	−31 15.2	1.720	2.676	9.1	21.1
6 20	15 21.48	−30 39.0	1.770	2.668	12.5	21.3

143463 2003 BG_{90} 5 20.3 62°.89 1°.7/19.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 20.27	−17 22.1	1.531	2.348	17.6	19.9
4 21	16 15.41	−17 3.6	1.481	2.381	13.7	19.7
5 1	16 7.80	−16 40.9	1.452	2.413	9.3	19.5
5 11	15 58.34	−16 16.0	1.447	2.446	4.6	19.3
5 21	15 48.18	−15 51.7	1.468	2.478	1.8	19.2
5 31	15 38.56	−15 31.5	1.515	2.510	5.7	19.6
6 10	15 30.58	−15 18.4	1.587	2.542	9.9	19.9
6 20	15 24.90	−15 14.5	1.683	2.573	13.5	20.2

505499 2013 WS_{69} 5 20.3 229°.59 0°.6/20.6 18

4 11	16 18.17	−22 26.3	2.251	3.041	13.5	22.6
4 21	16 13.54	−22 24.6	2.146	3.029	10.8	22.3
5 1	16 6.60	−22 16.2	2.063	3.016	7.5	22.1
5 11	15 57.90	−22 1.3	2.006	3.003	3.8	21.9
5 21	15 48.19	−21 40.6	1.977	2.989	0.6	21.6
5 31	15 38.44	−21 16.2	1.976	2.974	4.2	21.8
6 10	15 29.60	−20 51.1	2.003	2.959	8.1	22.0
6 20	15 22.46	−20 28.9	2.055	2.943	11.5	22.2

499669 2010 VD_{164} 5 20.3 244°.05 1°.0/20.7 17

4 11	16 20.59	−22 54.2	2.027	2.818	14.8	23.5
4 21	16 15.86	−23 1.1	1.917	2.799	11.9	23.3
5 1	16 8.47	−23 1.3	1.828	2.780	8.4	23.0
5 11	15 58.94	−22 54.0	1.764	2.760	4.4	22.7
5 21	15 48.11	−22 39.4	1.728	2.739	1.0	22.4
5 31	15 37.10	−22 19.2	1.719	2.717	4.7	22.7
6 10	15 27.08	−21 56.9	1.738	2.695	9.0	22.9
6 20	15 19.00	−21 36.2	1.782	2.672	12.9	23.0

250599 2005 EZ_{98} 5 20.3 147°.03 4°.4/22.4 17

4 11	16 20.83	−31 41.0	1.708	2.491	17.5	20.9
4 21	16 16.46	−31 58.9	1.626	2.496	14.4	20.7
5 1	16 8.98	−32 2.4	1.563	2.500	10.7	20.4
5 11	15 59.15	−31 48.6	1.523	2.505	7.0	20.2
5 21	15 48.10	−31 16.8	1.508	2.509	4.5	20.1
5 31	15 37.24	−30 29.7	1.519	2.512	6.0	20.2
6 10	15 27.93	−29 33.2	1.557	2.516	9.6	20.4
6 20	15 21.09	−28 34.5	1.617	2.519	13.3	20.6

417653 2006 YY_{7} 5 20.3 191°.32 3°.9/22.3 17

4 11	16 21.50	−31 19.9	2.234	2.995	14.5	21.5
4 21	16 16.32	−31 43.5	2.137	2.994	11.9	21.4
5 1	16 8.58	−31 56.0	2.061	2.992	8.9	21.2
5 11	15 58.89	−31 55.3	2.011	2.989	5.9	21.0
5 21	15 48.13	−31 40.3	1.987	2.986	3.9	20.8
5 31	15 37.40	−31 12.1	1.992	2.981	5.2	20.9
6 10	15 27.80	−30 34.6	2.024	2.976	8.2	21.1
6 20	15 20.16	−29 52.8	2.081	2.971	11.3	21.3

353670 2011 UX_{204} 5 20.3 335°.26 8°.9/15.0 18

4 11	16 11.42	+ 2 57.7	2.038	2.840	14.3	19.7
4 21	16 8.12	+ 4 3.6	1.963	2.834	12.2	19.6
5 1	16 2.78	+ 5 0.7	1.910	2.829	10.2	19.4
5 11	15 55.95	+ 5 42.9	1.880	2.823	9.0	19.3
5 21	15 48.36	+ 6 5.4	1.875	2.818	9.1	19.3
5 31	15 40.87	+ 6 5.3	1.894	2.814	10.6	19.4
6 10	15 34.29	+ 5 42.1	1.935	2.809	12.7	19.5
6 20	15 29.28	+ 4 57.8	1.998	2.805	15.0	19.7

62883 2000 UQ_{93} 5 20.3 321°.43 0°.2/20.1 17

4 11	16 12.89	−23 53.1	2.204	3.003	13.5	19.0
4 21	16 9.24	−22 57.5	2.111	3.000	10.7	18.8
5 1	16 3.51	−21 50.7	2.040	2.996	7.3	18.6
5 11	15 56.29	−20 34.8	1.995	2.993	3.6	18.3
5 21	15 48.35	−19 13.1	1.978	2.990	0.4	18.1
5 31	15 40.56	−17 50.8	1.990	2.987	4.3	18.4
6 10	15 33.76	−16 33.3	2.030	2.985	8.0	18.6
6 20	15 28.59	−15 25.2	2.095	2.982	11.4	18.8

261937 2006 OD_{4} 5 20.3 245°.46 0°.8/19.9 18

4 11	16 18.55	−19 31.8	1.990	2.791	14.7	21.6
4 21	16 14.16	−19 13.0	1.883	2.773	11.7	21.4
5 1	16 7.23	−18 47.6	1.797	2.755	8.1	21.1
5 11	15 58.30	−18 16.7	1.737	2.735	4.0	20.9
5 21	15 48.18	−17 42.2	1.704	2.715	1.0	20.6
5 31	15 37.97	−17 7.3	1.699	2.695	5.1	20.8
6 10	15 28.74	−16 36.1	1.721	2.674	9.4	21.0
6 20	15 21.39	−16 12.0	1.767	2.652	13.3	21.2

355228 2007 BT_{60} 5 20.3 242°.71 6°.7/24.5 18

4 11	16 18.27	−41 13.1	2.555	3.275	13.9	20.8
4 21	16 13.82	−41 57.6	2.460	3.272	12.0	20.7
5 1	16 6.89	−42 28.3	2.385	3.270	9.9	20.5
5 11	15 58.07	−42 41.7	2.333	3.267	8.0	20.4
5 21	15 48.21	−42 35.7	2.306	3.265	6.8	20.3
5 31	15 38.36	−42 10.4	2.306	3.262	7.0	20.3
6 10	15 29.59	−41 29.1	2.331	3.259	8.5	20.4
6 20	15 22.71	−40 36.8	2.381	3.257	10.6	20.5

209580 2004 XN_{98} 5 20.3 100°.12 0°.4/20.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 19.72	−21 56.3	1.546	2.358	17.7	21.2
4 21	16 15.47	−21 54.5	1.474	2.369	14.0	21.0
5 1	16 8.22	−21 44.5	1.422	2.380	9.7	20.8
5 11	15 58.74	−21 26.7	1.393	2.391	4.8	20.5
5 21	15 48.17	−21 2.5	1.390	2.402	0.5	20.2
5 31	15 37.87	−20 35.2	1.413	2.412	5.3	20.6
6 10	15 29.11	−20 9.5	1.461	2.422	10.0	20.9
6 20	15 22.77	−19 49.4	1.532	2.432	14.0	21.2

112774 2002 PQ_{158} 5 20.3 92°.03 2°.5/18.9 17

4 11	16 14.67	−14 28.7	1.991	2.804	14.2	20.3
4 21	16 10.75	−14 3.4	1.911	2.808	11.2	20.1
5 1	16 4.62	−13 35.8	1.852	2.811	7.7	19.9
5 11	15 56.87	−13 8.3	1.818	2.815	4.2	19.7
5 21	15 48.31	−12 43.8	1.811	2.818	2.7	19.6
5 31	15 39.89	−12 25.1	1.832	2.821	5.6	19.8
6 10	15 32.51	−12 14.8	1.879	2.825	9.2	20.0
6 20	15 26.86	−12 14.4	1.949	2.828	12.4	20.2

250856 2005 UY_{273} 5 20.3 311°.78 6°.1/24.4 18

4 11	16 15.31	−39 15.2	2.117	2.864	15.6	19.5
4 21	16 11.87	−39 21.6	2.013	2.850	13.3	19.3
5 1	16 5.73	−39 10.0	1.928	2.837	10.7	19.1
5 11	15 57.54	−38 37.4	1.866	2.823	8.0	18.9
5 21	15 48.25	−37 42.7	1.828	2.810	6.2	18.7
5 31	15 39.04	−36 28.1	1.817	2.797	6.6	18.7
6 10	15 31.08	−34 59.2	1.832	2.784	9.0	18.8
6 20	15 25.20	−33 23.7	1.872	2.772	11.9	19.0

346748 2009 BF_{17} 5 20.3 194°.60 0°.5/20.0 17

4 11	16 15.01	−20 11.0	2.249	3.049	13.2	22.3
4 21	16 10.88	−19 54.3	2.158	3.048	10.5	22.1
5 1	16 4.65	−19 31.7	2.090	3.047	7.2	21.8
5 11	15 56.89	−19 4.5	2.047	3.045	3.5	21.6
5 21	15 48.33	−18 34.3	2.031	3.043	0.6	21.4
5 31	15 39.85	−18 4.0	2.044	3.041	4.3	21.6
6 10	15 32.32	−17 36.6	2.085	3.039	7.9	21.9
6 20	15 26.39	−17 15.1	2.150	3.036	11.1	22.1

369049 2008 CT_{121} 5 20.3 51°.27 3°.8/22.3 17

4 11	16 18.06	−31 20.8	1.347	2.154	20.1	20.2
4 21	16 14.61	−31 9.2	1.288	2.174	16.3	20.0
5 1	16 7.76	−30 38.2	1.246	2.194	11.9	19.8
5 11	15 58.50	−29 47.0	1.226	2.215	7.2	19.6
5 21	15 48.22	−28 37.9	1.230	2.236	3.8	19.5
5 31	15 38.51	−27 17.4	1.258	2.257	6.0	19.6
6 10	15 30.74	−25 54.3	1.311	2.278	10.2	19.9
6 20	15 25.72	−24 37.2	1.386	2.300	14.3	20.2

169071 2001 FR_{185} 5 20.3 344°.36 0°.1/21.2 16

4 11	15 52.79	−24 34.9	31.420	32.192	1.2	23.2
4 21	15 51.95	−24 33.1	31.318	32.190	0.9	23.2
5 1	15 51.00	−24 30.6	31.242	32.188	0.6	23.1
5 11	15 49.97	−24 27.7	31.193	32.185	0.3	23.1
5 21	15 48.89	−24 24.3	31.174	32.183	0.1	23.1
5 31	15 47.82	−24 20.8	31.184	32.181	0.3	23.1
6 10	15 46.80	−24 17.0	31.222	32.179	0.6	23.1
6 20	15 45.86	−24 13.3	31.288	32.177	0.9	23.2

267413 2002 AN_{202} 5 20.3 70°.65 0°.1/20.2 17

4 11	16 16.29	−21 29.6	1.731	2.543	16.1	20.7
4 21	16 12.40	−21 12.7	1.658	2.554	12.7	20.5
5 1	16 5.91	−20 47.8	1.607	2.566	8.7	20.3
5 11	15 57.55	−20 16.1	1.579	2.578	4.3	20.0
5 21	15 48.30	−19 40.1	1.577	2.589	0.4	19.7
5 31	15 39.31	−19 3.4	1.603	2.601	4.9	20.1
6 10	15 31.65	−18 30.3	1.653	2.613	9.2	20.4
6 20	15 26.06	−18 4.4	1.728	2.625	12.9	20.6

243452 2009 HD_{73} 5 20.3 265°.86 3°.8/17.9 18

4 11	16 12.30	−10 53.8	2.279	3.090	12.7	20.8
4 21	16 8.65	−10 10.9	2.191	3.085	10.1	20.6
5 1	16 3.08	− 9 27.1	2.125	3.080	7.2	20.4
5 11	15 56.11	− 8 45.8	2.085	3.075	4.6	20.2
5 21	15 48.42	− 8 10.4	2.072	3.069	3.9	20.2
5 31	15 40.79	− 7 43.9	2.087	3.064	6.1	20.3
6 10	15 34.01	− 7 28.9	2.128	3.059	9.1	20.5
6 20	15 28.67	− 7 26.2	2.192	3.053	12.0	20.7

380593 2004 RY_{323} 5 20.3 232°.69 5°.3/22.9 18

4 11	16 20.52	−35 8.7	2.273	3.023	14.6	21.6
4 21	16 15.78	−35 43.0	2.168	3.011	12.3	21.4
5 1	16 8.39	−36 5.2	2.083	2.999	9.6	21.2
5 11	15 58.90	−36 12.0	2.022	2.987	7.0	21.0
5 21	15 48.20	−36 1.2	1.988	2.974	5.3	20.9
5 31	15 37.41	−35 33.4	1.981	2.961	6.1	20.9
6 10	15 27.70	−34 52.1	2.000	2.947	8.7	21.0
6 20	15 19.97	−34 2.8	2.045	2.933	11.6	21.2

106707 2000 WF_{170} 5 20.3 115°.22 2°.2/21.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 14.92	−28 13.6	2.534	3.310	12.6	19.8
4 21	16 10.62	−28 14.0	2.448	3.318	10.1	19.6
5 1	16 4.37	−28 5.3	2.385	3.327	7.3	19.4
5 11	15 56.71	−27 47.0	2.346	3.335	4.3	19.2
5 21	15 48.38	−27 19.8	2.336	3.343	2.2	19.1
5 31	15 40.19	−26 45.8	2.354	3.350	3.8	19.2
6 10	15 32.93	−26 8.2	2.400	3.358	6.8	19.4
6 20	15 27.20	−25 30.6	2.472	3.366	9.6	19.6

239953 2001 FU_{95} 5 20.3 41°.46 5°.7/18.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 14.61	− 7 48.7	1.567	2.395	16.7	19.9
4 21	16 11.05	− 7 9.7	1.509	2.411	13.4	19.7
5 1	16 4.94	− 6 34.6	1.472	2.428	9.7	19.5
5 11	15 57.05	− 6 7.8	1.458	2.445	6.6	19.4
5 21	15 48.36	− 5 53.4	1.469	2.463	5.8	19.4
5 31	15 40.00	− 5 54.1	1.505	2.481	8.2	19.5
6 10	15 32.99	− 6 10.7	1.565	2.500	11.5	19.8
6 20	15 28.02	− 6 42.2	1.647	2.519	14.7	20.0

262758 2006 XZ_{60} 5 20.3 42°.77 2°.2/19.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 14.53	−13 19.1	2.244	3.051	13.0	20.1
4 21	16 10.42	−13 14.6	2.160	3.053	10.3	20.0
5 1	16 4.31	−13 9.9	2.098	3.056	7.1	19.8
5 11	15 56.72	−13 6.7	2.062	3.058	3.8	19.6
5 21	15 48.38	−13 6.5	2.054	3.061	2.3	19.5
5 31	15 40.13	−13 11.0	2.074	3.064	5.0	19.6
6 10	15 32.78	−13 21.5	2.120	3.067	8.3	19.8
6 20	15 26.96	−13 39.0	2.191	3.070	11.3	20.0

7671 Albis 5 20.3 178°.09 0°.4/20.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 21.33	−22 5.2	1.689	2.492	16.8	18.8
4 21	16 16.66	−21 59.8	1.604	2.494	13.4	18.6
5 1	16 9.05	−21 46.3	1.539	2.495	9.3	18.3
5 11	15 59.21	−21 24.6	1.498	2.496	4.7	18.1
5 21	15 48.19	−20 56.3	1.484	2.496	0.5	17.7
5 31	15 37.29	−20 24.5	1.497	2.496	5.2	18.1
6 10	15 27.79	−19 53.7	1.536	2.494	9.8	18.4
6 20	15 20.58	−19 28.4	1.598	2.492	13.9	18.6

225975 2002 CW_{160} 5 20.3 106°.76 6°.4/23.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 22.26	−37 10.6	1.997	2.746	16.4	20.7
4 21	16 17.30	−37 53.1	1.920	2.760	13.8	20.5
5 1	16 9.42	−38 20.3	1.863	2.773	10.9	20.3
5 11	15 59.35	−38 28.3	1.829	2.787	8.1	20.2
5 21	15 48.19	−38 15.3	1.820	2.800	6.4	20.1
5 31	15 37.25	−37 42.4	1.837	2.812	7.0	20.2
6 10	15 27.79	−36 54.6	1.881	2.825	9.3	20.3
6 20	15 20.68	−35 58.5	1.948	2.837	12.0	20.5

42819 1999 NF_5 5 20.3 189°.28 0°.5/20.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 19.93	−22 51.5	2.054	2.845	14.6	19.1
4 21	16 15.03	−22 39.9	1.961	2.844	11.7	18.8
5 1	16 7.66	−22 20.2	1.890	2.843	8.1	18.6
5 11	15 58.45	−21 52.7	1.844	2.841	4.1	18.4
5 21	15 48.26	−21 18.7	1.826	2.838	0.5	18.1
5 31	15 38.16	−20 41.3	1.836	2.834	4.5	18.4
6 10	15 29.19	−20 4.5	1.874	2.829	8.5	18.6
6 20	15 22.12	−19 32.3	1.936	2.824	12.1	18.8

118429 1999 TE_{163} 5 20.3 196°.60 0°.8/19.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 13.30	−18 10.3	2.841	3.634	10.9	20.8
4 21	16 9.07	−17 57.7	2.745	3.632	8.6	20.6
5 1	16 3.20	−17 41.7	2.673	3.629	5.9	20.4
5 11	15 56.13	−17 23.3	2.628	3.626	2.9	20.2
5 21	15 48.45	−17 3.9	2.612	3.623	0.9	20.0
5 31	15 40.81	−16 45.4	2.625	3.620	3.7	20.2
6 10	15 33.88	−16 29.9	2.667	3.616	6.6	20.4
6 20	15 28.18	−16 19.1	2.734	3.612	9.3	20.6

137313 1999 TR_{12} 5 20.3 258°.70 0°.8/20.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 18.70	−23 0.2	1.789	2.592	16.0	21.4
4 21	16 14.73	−22 59.3	1.684	2.574	12.9	21.1
5 1	16 7.89	−22 50.2	1.600	2.556	9.1	20.9
5 11	15 58.76	−22 32.3	1.540	2.537	4.7	20.6
5 21	15 48.24	−22 6.3	1.506	2.517	0.8	20.2
5 31	15 37.56	−21 35.0	1.498	2.498	5.1	20.5
6 10	15 28.00	−21 2.6	1.517	2.477	9.8	20.7
6 20	15 20.58	−20 33.8	1.559	2.457	14.0	20.9

428017 2006 BB_{159} 5 20.3 79°.63 1°.6/21.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 16.11	−25 30.1	1.871	2.670	15.5	21.2
4 21	16 12.30	−25 26.1	1.785	2.672	12.4	21.0
5 1	16 5.92	−25 11.9	1.721	2.673	8.8	20.8
5 11	15 57.63	−24 47.4	1.680	2.675	4.7	20.6
5 21	15 48.34	−24 13.8	1.666	2.676	1.6	20.3
5 31	15 39.19	−23 34.1	1.679	2.678	4.6	20.6
6 10	15 31.25	−22 52.9	1.718	2.679	8.7	20.8
6 20	15 25.33	−22 14.8	1.780	2.681	12.4	21.0

183403 Gal 5 20.3 17°.46 4°.4/18.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 13.47	− 8 4.1	2.180	2.990	13.3	20.1
4 21	16 9.60	− 7 35.8	2.099	2.991	10.6	20.0
5 1	16 3.75	− 7 9.9	2.040	2.991	7.7	19.8
5 11	15 56.46	− 6 49.5	2.007	2.992	5.2	19.6
5 21	15 48.43	− 6 37.4	2.000	2.993	4.6	19.6
5 31	15 40.51	− 6 36.1	2.020	2.994	6.6	19.7
6 10	15 33.49	− 6 46.6	2.067	2.995	9.5	19.9
6 20	15 27.99	− 7 9.0	2.136	2.996	12.3	20.1

393131 2013 BL_{47} 5 20.3 308°.01 1°.5/19.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 13.39	−16 35.4	2.156	2.966	13.4	21.1
4 21	16 9.75	−16 25.0	2.063	2.959	10.6	20.9
5 1	16 3.99	−16 11.8	1.992	2.951	7.3	20.7
5 11	15 56.63	−15 57.0	1.946	2.944	3.7	20.4
5 21	15 48.42	−15 42.6	1.927	2.937	1.6	20.3
5 31	15 40.22	−15 30.7	1.936	2.930	4.8	20.5
6 10	15 32.92	−15 23.8	1.971	2.924	8.4	20.7
6 20	15 27.21	−15 23.7	2.031	2.917	11.7	20.9

34933 6652 $P–L$ 5 20.3 349°.12 1°.1/19.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 11.55	−18 17.1	1.843	2.664	14.9	18.2
4 21	16 8.68	−18 3.9	1.757	2.659	11.8	18.0
5 1	16 3.44	−17 45.9	1.691	2.654	8.1	17.7
5 11	15 56.42	−17 24.7	1.650	2.649	4.0	17.5
5 21	15 48.44	−17 2.3	1.634	2.645	1.2	17.3
5 31	15 40.52	−16 41.8	1.645	2.642	5.1	17.5
6 10	15 33.66	−16 26.4	1.681	2.640	9.1	17.7
6 20	15 28.62	−16 18.5	1.741	2.638	12.8	18.0

192127 2006 DY_{77} 5 20.3 243°.75 6°.3/16.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 14.99	− 3 51.0	2.257	3.058	13.2	21.1
4 21	16 10.84	− 2 49.8	2.161	3.042	10.8	20.9
5 1	16 4.66	− 1 51.2	2.088	3.026	8.4	20.7
5 11	15 56.95	− 1 0.0	2.041	3.009	6.6	20.5
5 21	15 48.40	− 0 20.6	2.020	2.992	6.6	20.5
5 31	15 39.84	+ 0 3.0	2.026	2.974	8.4	20.6
6 10	15 32.08	+ 0 9.0	2.058	2.956	11.0	20.7
6 20	15 25.81	− 0 2.8	2.112	2.937	13.7	20.8

152551 3190 T_{-3} 5 20.3 176°.90 1°.5/19.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 17.70	−17 23.3	2.196	2.995	13.6	21.6
4 21	16 12.97	−17 0.3	2.108	2.997	10.7	21.4
5 1	16 6.09	−16 32.9	2.042	2.999	7.3	21.2
5 11	15 57.63	−16 2.8	2.003	3.000	3.7	20.9
5 21	15 48.36	−15 32.3	1.991	3.001	1.6	20.8
5 31	15 39.20	−15 4.3	2.008	3.001	4.8	21.0
6 10	15 31.04	−14 41.8	2.052	3.000	8.4	21.2
6 20	15 24.54	−14 27.0	2.121	2.998	11.7	21.4

64270 2001 TA_{197} 5 20.3 272°.23 3°.0/17.1 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 5.70	− 5 28.4	4.431	5.223	7.3	19.9
4 21	16 2.54	− 5 1.9	4.337	5.216	5.9	19.7
5 1	15 58.45	− 4 37.3	4.269	5.209	4.4	19.6
5 11	15 53.72	− 4 16.3	4.228	5.202	3.2	19.5
5 21	15 48.66	− 4 0.5	4.216	5.195	3.1	19.5
5 31	15 43.63	− 3 51.1	4.232	5.188	4.1	19.6
6 10	15 38.98	− 3 48.9	4.276	5.181	5.6	19.7
6 20	15 34.99	− 3 54.1	4.345	5.174	7.1	19.8

409270 2004 RP_{23} 5 20.3 309°.98 8°.1/16.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 11.44	− 8 39.6	1.199	2.052	19.3	20.4
4 21	16 9.96	− 7 19.5	1.110	2.026	15.8	20.1
5 1	16 5.17	− 5 55.4	1.039	2.001	11.9	19.8
5 11	15 57.62	− 4 35.6	0.989	1.977	8.7	19.6
5 21	15 48.35	− 3 29.4	0.961	1.953	8.6	19.5
5 31	15 38.85	− 2 46.2	0.955	1.929	11.9	19.5
6 10	15 30.69	− 2 31.8	0.969	1.906	16.5	19.7
6 20	15 25.10	− 2 47.3	1.000	1.884	21.0	19.9

129539 1996 NO_1 5 20.3 330°.41 0°.3/20.4 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 7.40	−24 23.5	1.091	1.945	20.7	18.9
4 21	16 7.29	−23 51.8	1.004	1.924	16.7	18.5
5 1	16 3.59	−23 1.1	0.933	1.903	11.8	18.2
5 11	15 56.90	−21 52.3	0.883	1.884	6.0	17.8
5 21	15 48.41	−20 29.5	0.854	1.866	0.5	17.3
5 31	15 39.80	−19 0.8	0.846	1.849	6.9	17.7
6 10	15 32.84	−17 37.4	0.860	1.834	13.1	18.0
6 20	15 28.79	−16 28.4	0.892	1.820	18.7	18.2

426498 2013 RK_{33} 5 20.3 259°.01 1°.2/19.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 17.47	−18 22.4	1.892	2.699	15.1	21.9
4 21	16 13.47	−18 5.9	1.787	2.681	12.0	21.6
5 1	16 6.87	−17 43.9	1.704	2.662	8.3	21.4
5 11	15 58.21	−17 17.5	1.645	2.643	4.2	21.1
5 21	15 48.32	−16 48.9	1.613	2.624	1.3	20.8
5 31	15 38.32	−16 21.2	1.608	2.604	5.4	21.0
6 10	15 29.32	−15 58.2	1.630	2.583	9.7	21.3
6 20	15 22.25	−15 43.1	1.675	2.562	13.7	21.5

438454 2007 BT_{32} 5 20.3 62°.90 0°.4/20.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 13.32	−20 4.3	2.290	3.092	13.0	21.7
4 21	16 9.44	−19 50.8	2.210	3.101	10.2	21.5
5 1	16 3.61	−19 32.1	2.153	3.111	6.9	21.3
5 11	15 56.38	−19 9.3	2.122	3.120	3.4	21.1
5 21	15 48.48	−18 44.2	2.118	3.130	0.5	20.9
5 31	15 40.73	−18 19.2	2.143	3.140	4.0	21.2
6 10	15 33.92	−17 57.2	2.194	3.150	7.5	21.4
6 20	15 28.65	−17 40.4	2.271	3.160	10.5	21.6

106756 2000 XS_5 5 20.3 274°.89 3°.7/22.2 18

4 11	16 16.27	−30 36.4	2.373	3.143	13.5	19.5
4 21	16 12.14	−31 6.6	2.273	3.135	11.1	19.4
5 1	16 5.73	−31 27.5	2.194	3.127	8.3	19.2
5 11	15 57.55	−31 37.2	2.140	3.119	5.5	19.0
5 21	15 48.38	−31 34.6	2.113	3.111	3.7	18.8
5 31	15 39.17	−31 20.6	2.113	3.103	4.9	18.9
6 10	15 30.88	−30 57.9	2.141	3.095	7.7	19.1
6 20	15 24.29	−30 30.4	2.193	3.087	10.7	19.2

248366 2005 QQ_{169} 5 20.3 348°.50 11°.5/26.0 16

4 11	16 13.80	−45 17.3	1.607	2.353	19.8	19.3
4 21	16 12.22	−46 34.8	1.521	2.341	17.7	19.1
5 1	16 6.92	−47 31.4	1.452	2.331	15.4	18.9
5 11	15 58.53	−47 59.8	1.401	2.322	13.2	18.7
5 21	15 48.29	−47 54.7	1.371	2.315	11.7	18.6
5 31	15 38.00	−47 14.7	1.362	2.309	11.7	18.6
6 10	15 29.48	−46 5.1	1.374	2.304	13.2	18.7
6 20	15 24.01	−44 35.3	1.407	2.300	15.5	18.8

67676 2000 SP_{285} 5 20.3 333°.39 4°.6/22.2 18

4 11	16 14.95	−30 20.9	1.286	2.104	20.3	18.8
4 21	16 12.92	−30 39.0	1.203	2.096	16.7	18.5
5 1	16 7.23	−30 40.3	1.138	2.088	12.4	18.2
5 11	15 58.61	−30 21.7	1.093	2.082	7.9	17.9
5 21	15 48.31	−29 42.3	1.071	2.075	4.6	17.7
5 31	15 38.06	−28 45.4	1.072	2.070	6.8	17.8
6 10	15 29.55	−27 39.1	1.095	2.065	11.5	18.1
6 20	15 23.98	−26 32.5	1.140	2.061	16.1	18.3

490098 2008 UL_{27} 5 20.3 174°.69 0°.4/20.5 17

4 11	16 17.51	−21 44.5	2.379	3.168	12.9	22.5
4 21	16 12.77	−21 47.2	2.288	3.170	10.3	22.4
5 1	16 5.94	−21 44.4	2.219	3.172	7.1	22.2
5 11	15 57.58	−21 36.3	2.176	3.173	3.6	21.9
5 21	15 48.41	−21 23.7	2.162	3.174	0.5	21.7
5 31	15 39.31	−21 8.2	2.176	3.174	3.9	22.0
6 10	15 31.14	−20 52.5	2.219	3.174	7.4	22.2
6 20	15 24.55	−20 39.2	2.286	3.174	10.6	22.4

390857 2004 RS_{243} 5 20.3 285°.23 1°.1/19.7 18

4 11	16 12.84	−17 54.7	2.385	3.189	12.5	21.3
4 21	16 9.20	−17 38.5	2.279	3.172	9.9	21.1
5 1	16 3.58	−17 18.1	2.196	3.154	6.8	20.9
5 11	15 56.46	−16 54.8	2.139	3.137	3.4	20.7
5 21	15 48.49	−16 30.5	2.109	3.120	1.2	20.5
5 31	15 40.48	−16 7.6	2.108	3.103	4.4	20.7
6 10	15 33.23	−15 48.7	2.133	3.085	7.9	20.9
6 20	15 27.43	−15 36.2	2.184	3.068	11.1	21.0

388637 2007 TE_{119} 5 20.3 134°.46 0°.5/20.0 17

4 11	16 15.72	−19 32.5	2.649	3.439	11.7	22.5
4 21	16 11.00	−19 21.0	2.567	3.451	9.2	22.4
5 1	16 4.51	−19 5.1	2.509	3.463	6.3	22.2
5 11	15 56.79	−18 45.8	2.477	3.475	3.1	22.0
5 21	15 48.48	−18 24.6	2.474	3.486	0.6	21.8
5 31	15 40.31	−18 3.4	2.501	3.496	3.7	22.1
6 10	15 32.99	−17 44.6	2.555	3.507	6.8	22.3
6 20	15 27.06	−17 30.2	2.636	3.516	9.6	22.5

178013 2006 QP_{166} 5 20.3 249°.58 3°.6/21.9 17

4 11	16 19.41	−29 42.8	1.803	2.589	16.5	21.1
4 21	16 15.42	−29 58.4	1.703	2.577	13.6	20.9
5 1	16 8.43	−30 1.7	1.622	2.564	10.1	20.6
5 11	15 59.06	−29 50.3	1.565	2.551	6.3	20.4
5 21	15 48.30	−29 23.2	1.533	2.537	3.7	20.2
5 31	15 37.46	−28 42.5	1.528	2.523	5.6	20.3
6 10	15 27.89	−27 53.0	1.549	2.509	9.6	20.5
6 20	15 20.60	−27 1.3	1.593	2.495	13.5	20.7

512792 2016 UJ_{77} 5 20.3 226°.29 2°.6/18.8 18

4 11	16 13.38	− 9 54.9	3.044	3.837	10.3	21.3
4 21	16 9.00	− 9 50.7	2.948	3.832	8.2	21.1
5 1	16 3.11	− 9 48.2	2.876	3.826	5.8	21.0
5 11	15 56.12	− 9 48.7	2.831	3.821	3.5	20.8
5 21	15 48.54	− 9 53.5	2.815	3.815	2.7	20.7
5 31	15 40.98	−10 3.9	2.828	3.809	4.5	20.9
6 10	15 34.04	−10 20.6	2.870	3.803	6.9	21.0
6 20	15 28.19	−10 43.8	2.937	3.797	9.3	21.2

177628 2004 JA_{12} 5 20.3 332°.77 0°.0/20.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 10.14	−21 27.4	1.654	2.481	16.1	19.7
4 21	16 8.10	−21 17.6	1.556	2.460	12.9	19.5
5 1	16 3.39	−20 59.4	1.478	2.441	9.0	19.2
5 11	15 56.57	−20 33.8	1.422	2.422	4.5	18.9
5 21	15 48.49	−20 2.6	1.392	2.404	0.3	18.5
5 31	15 40.33	−19 29.4	1.387	2.387	5.2	18.8
6 10	15 33.27	−18 58.6	1.406	2.371	9.9	19.1
6 20	15 28.25	−18 34.5	1.448	2.356	14.1	19.3

292838 2006 UN_{284} 5 20.3 76°.63 0°.8/20.7 17

4 11	16 16.22	−22 12.1	2.237	3.032	13.5	21.1
4 21	16 11.86	−22 26.9	2.157	3.042	10.7	21.0
5 1	16 5.35	−22 36.4	2.098	3.052	7.4	20.8
5 11	15 57.30	−22 40.2	2.066	3.062	3.8	20.6
5 21	15 48.45	−22 39.0	2.060	3.072	0.9	20.3
5 31	15 39.73	−22 33.9	2.083	3.082	4.0	20.6
6 10	15 32.02	−22 27.4	2.133	3.092	7.5	20.8
6 20	15 25.96	−22 22.0	2.209	3.102	10.6	21.1

185185 2006 SF_{357} 5 20.3 189°.05 0°.4/20.5 17

4 11	16 20.29	−21 3.5	1.991	2.786	14.9	21.4
4 21	16 15.45	−21 13.0	1.899	2.785	11.8	21.2
5 1	16 8.06	−21 17.2	1.830	2.784	8.2	21.0
5 11	15 58.73	−21 15.9	1.785	2.783	4.1	20.8
5 21	15 48.34	−21 9.6	1.768	2.780	0.5	20.5
5 31	15 37.99	−21 0.0	1.780	2.778	4.6	20.8
6 10	15 28.75	−20 49.9	1.818	2.774	8.7	21.0
6 20	15 21.46	−20 42.4	1.880	2.771	12.3	21.2

143937 2003 YK_{106} 5 20.3 7°.26 2°.6/21.6 17

4 11	16 15.26	−27 40.3	1.400	2.217	18.9	19.6
4 21	16 12.58	−27 36.7	1.322	2.218	15.3	19.4
5 1	16 6.63	−27 18.1	1.263	2.218	11.0	19.1
5 11	15 58.16	−26 43.7	1.225	2.219	6.2	18.9
5 21	15 48.39	−25 54.7	1.212	2.221	2.6	18.6
5 31	15 38.81	−24 55.9	1.222	2.223	5.7	18.8
6 10	15 30.86	−23 54.3	1.257	2.225	10.5	19.1
6 20	15 25.52	−22 57.4	1.314	2.229	14.9	19.4

59565 1999 JT_{46} 5 20.3 71°.26 0°.9/19.9 18

4 11	16 17.62	−18 2.4	1.702	2.516	16.2	18.2
4 21	16 13.54	−18 1.9	1.628	2.525	12.8	18.0
5 1	16 6.80	−17 57.3	1.574	2.535	8.8	17.8
5 11	15 58.09	−17 49.9	1.545	2.544	4.3	17.6
5 21	15 48.40	−17 41.0	1.542	2.553	1.0	17.3
5 31	15 38.91	−17 33.0	1.565	2.563	5.2	17.6
6 10	15 30.73	−17 28.8	1.614	2.572	9.5	17.9
6 20	15 24.65	−17 30.7	1.686	2.581	13.3	18.2

499393 2010 BA_2 5 20.3 182°.41 0°.5/20.6 17

4 11	16 18.68	−22 8.5	2.653	3.432	12.0	22.7
4 21	16 13.47	−22 8.6	2.557	3.433	9.5	22.5
5 1	16 6.32	−22 3.2	2.483	3.433	6.6	22.4
5 11	15 57.75	−21 52.4	2.437	3.433	3.3	22.1
5 21	15 48.44	−21 37.0	2.420	3.432	0.5	21.9
5 31	15 39.18	−21 18.6	2.433	3.430	3.6	22.2
6 10	15 30.76	−20 59.7	2.474	3.427	6.9	22.4
6 20	15 23.80	−20 42.9	2.542	3.424	9.8	22.5

504612 2008 UK_{233} 5 20.3 260°.13 3°.6/21.9 17

4 11	16 17.91	−29 18.7	2.013	2.795	15.2	21.8
4 21	16 13.86	−29 45.3	1.915	2.787	12.4	21.6
5 1	16 7.15	−30 2.1	1.838	2.778	9.2	21.4
5 11	15 58.36	−30 6.6	1.784	2.769	5.8	21.1
5 21	15 48.38	−29 57.9	1.757	2.760	3.6	21.0
5 31	15 38.34	−29 37.0	1.757	2.750	5.3	21.1
6 10	15 29.41	−29 7.6	1.783	2.741	8.7	21.2
6 20	15 22.49	−28 34.5	1.833	2.732	12.2	21.4

375237 2008 FA_{136} 5 20.3 350°.24 0°.0/20.3 18

4 11	16 7.28	−20 20.6	4.240	5.026	7.7	20.9
4 21	16 3.88	−20 17.8	4.144	5.025	6.1	20.8
5 1	15 59.43	−20 12.2	4.072	5.025	4.1	20.6
5 11	15 54.25	−20 4.3	4.027	5.024	2.0	20.5
5 21	15 48.70	−19 54.8	4.012	5.024	0.2	20.3
5 31	15 43.18	−19 44.8	4.027	5.024	2.3	20.5
6 10	15 38.09	−19 35.5	4.070	5.023	4.4	20.6
6 20	15 33.76	−19 27.9	4.140	5.023	6.3	20.8

156134 2001 TC_{27} 5 20.3 86°.56 6°.1/15.9 18

4 11	16 20.09	− 8 41.6	1.993	2.794	14.6	20.4
4 21	16 14.46	− 6 42.8	1.944	2.830	11.6	20.3
5 1	16 6.80	− 4 44.7	1.920	2.865	8.6	20.2
5 11	15 57.84	− 2 54.2	1.924	2.899	6.4	20.1
5 21	15 48.45	− 1 18.0	1.956	2.932	6.4	20.2
5 31	15 39.54	− 0 1.4	2.016	2.964	8.4	20.4
6 10	15 31.90	+ 0 53.1	2.103	2.996	11.0	20.6
6 20	15 26.06	+ 1 25.5	2.212	3.027	13.5	20.8

304614 2006 VT_{96} 5 20.3 192°.54 0°.2/20.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 13.48	−23 8.8	2.495	3.287	12.3	21.0
4 21	16 9.50	−22 42.5	2.402	3.286	9.7	20.8
5 1	16 3.64	−22 8.3	2.332	3.285	6.7	20.6
5 11	15 56.43	−21 27.5	2.287	3.284	3.4	20.4
5 21	15 48.54	−20 41.9	2.271	3.283	0.3	20.1
5 31	15 40.75	−19 54.5	2.284	3.282	3.7	20.4
6 10	15 33.83	−19 8.8	2.325	3.281	7.1	20.6
6 20	15 28.36	−18 28.2	2.391	3.279	10.1	20.8

24018 1999 RU_{134} 5 20.3 266°.97 3°.5/16.2 18

4 11	16 5.20	− 3 6.3	4.472	5.263	7.3	18.9
4 21	16 2.15	− 2 29.7	4.385	5.259	5.9	18.8
5 1	15 58.20	− 1 55.7	4.323	5.256	4.6	18.7
5 11	15 53.63	− 1 26.2	4.288	5.252	3.6	18.6
5 21	15 48.75	− 1 3.0	4.282	5.249	3.6	18.6
5 31	15 43.91	− 0 47.2	4.304	5.245	4.5	18.7
6 10	15 39.45	− 0 39.9	4.352	5.242	5.9	18.8
6 20	15 35.64	− 0 41.1	4.426	5.238	7.3	18.9

128517 2004 PX_{38} 5 20.3 216°.67 1°.2/20.9 17

4 11	16 17.39	−24 50.6	2.158	2.947	14.1	21.3
4 21	16 13.03	−24 44.3	2.060	2.941	11.3	21.1
5 1	16 6.34	−24 29.3	1.984	2.934	7.9	20.9
5 11	15 57.87	−24 5.2	1.933	2.928	4.2	20.6
5 21	15 48.44	−23 33.2	1.909	2.920	1.2	20.4
5 31	15 39.05	−22 55.8	1.914	2.912	4.3	20.6
6 10	15 30.68	−22 17.0	1.946	2.904	8.1	20.8
6 20	15 24.08	−21 40.7	2.002	2.896	11.6	21.0

395359 2011 QF_{97} 5 20.3 161°.82 5°.2/16.2 18

4 11	16 11.91	− 5 13.1	2.694	3.494	11.3	21.3
4 21	16 7.94	− 4 6.1	2.616	3.498	9.1	21.1
5 1	16 2.41	− 3 1.1	2.562	3.501	7.0	21.0
5 11	15 55.77	− 2 2.1	2.534	3.504	5.4	20.9
5 21	15 48.61	− 1 12.8	2.534	3.507	5.4	20.9
5 31	15 41.56	− 0 36.3	2.562	3.509	6.9	21.0
6 10	15 35.25	− 0 14.2	2.616	3.512	9.1	21.1
6 20	15 30.14	− 0 7.0	2.694	3.513	11.2	21.3

235214 2003 SX_{208} 5 20.3 238°.39 0°.1/20.4 18

4 11	16 15.19	−22 26.8	2.036	2.838	14.4	20.4
4 21	16 11.36	−22 7.1	1.944	2.834	11.4	20.2
5 1	16 5.20	−21 39.0	1.873	2.830	7.9	20.0
5 11	15 57.31	−21 3.5	1.827	2.825	3.9	19.7
5 21	15 48.50	−20 22.7	1.809	2.821	0.3	19.4
5 31	15 39.77	−19 39.7	1.818	2.816	4.5	19.7
6 10	15 32.09	−18 58.9	1.853	2.811	8.4	20.0
6 20	15 26.19	−18 24.0	1.913	2.807	12.0	20.2

405429 2004 SF_{35} 5 20.3 229°.37 1°.4/21.0 14 C

4 11	16 20.27	−25 26.2	1.761	2.557	16.5	22.7
4 21	16 15.98	−25 16.7	1.662	2.547	13.3	22.4
5 1	16 8.75	−24 55.8	1.583	2.535	9.4	22.1
5 11	15 59.21	−24 22.9	1.528	2.523	5.1	21.9
5 21	15 48.36	−23 39.0	1.500	2.511	1.4	21.6
5 31	15 37.48	−22 47.6	1.499	2.498	5.1	21.8
6 10	15 27.87	−21 54.2	1.523	2.484	9.7	22.0
6 20	15 20.52	−21 5.0	1.572	2.469	13.9	22.2

152070 2004 RV_{5} 5 20.3 45°.89 14°.1/12.9 17

4 11	16 14.72	+13 22.7	1.678	2.457	17.9	19.3
4 21	16 11.07	+15 2.4	1.631	2.464	16.1	19.2
5 1	16 4.96	+16 22.4	1.603	2.471	14.8	19.1
5 11	15 57.14	+17 14.0	1.595	2.479	14.1	19.1
5 21	15 48.52	+17 31.5	1.607	2.486	14.4	19.1
5 31	15 40.20	+17 12.7	1.640	2.494	15.5	19.2
6 10	15 33.14	+16 19.8	1.691	2.502	17.1	19.3
6 20	15 28.03	+14 58.1	1.760	2.511	18.8	19.5

155827 2000 WA_{178} 5 20.3 258°.95 3°.3/19.0 18

4 11	16 18.63	−10 53.6	2.100	2.902	14.0	20.2
4 21	16 14.06	−10 47.0	1.994	2.884	11.2	20.0
5 1	16 7.13	−10 41.9	1.911	2.864	8.0	19.8
5 11	15 58.33	−10 40.3	1.852	2.845	4.7	19.5
5 21	15 48.42	−10 44.3	1.821	2.824	3.4	19.4
5 31	15 38.37	−10 55.7	1.818	2.804	6.1	19.5
6 10	15 29.17	−11 15.8	1.842	2.783	9.7	19.7
6 20	15 21.66	−11 45.2	1.890	2.761	13.2	19.9

507000 2008 TM_{29} 5 20.3 238°.82 2°.8/21.6 17

4 11	16 18.92	−27 49.5	2.230	3.007	14.0	22.8
4 21	16 14.38	−28 10.3	2.125	2.995	11.4	22.6
5 1	16 7.38	−28 22.5	2.041	2.982	8.3	22.4
5 11	15 58.46	−28 24.5	1.982	2.969	5.0	22.2
5 21	15 48.42	−28 15.6	1.950	2.955	2.8	22.0
5 31	15 38.28	−27 56.8	1.946	2.941	4.7	22.1
6 10	15 29.11	−27 31.3	1.970	2.927	8.1	22.3
6 20	15 21.75	−27 3.1	2.018	2.912	11.5	22.4

46988 1998 TJ_{5} 5 20.3 263°.32 0°.6/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 16.00	−18 47.0	2.090	2.894	14.0	19.4
4 21	16 12.00	−18 46.1	1.991	2.883	11.1	19.2
5 1	16 5.69	−18 41.3	1.915	2.872	7.7	18.9
5 11	15 57.59	−18 33.0	1.863	2.862	3.8	18.7
5 21	15 48.49	−18 22.7	1.839	2.851	0.7	18.4
5 31	15 39.35	−18 12.1	1.842	2.839	4.6	18.7
6 10	15 31.15	−18 4.0	1.873	2.828	8.5	18.9
6 20	15 24.67	−18 0.7	1.927	2.817	12.1	19.1

75486 1999 XO_{174} 5 20.3 233°.89 2°.3/19.5 18

4 11	16 19.24	−14 15.1	1.823	2.632	15.5	18.9
4 21	16 14.84	−14 10.7	1.729	2.624	12.3	18.6
5 1	16 7.79	−14 5.4	1.657	2.615	8.6	18.4
5 11	15 58.69	−14 0.8	1.610	2.607	4.6	18.1
5 21	15 48.41	−13 58.8	1.589	2.597	2.4	17.9
5 31	15 38.09	−14 1.4	1.595	2.588	5.9	18.1
6 10	15 28.87	−14 10.7	1.628	2.578	10.0	18.4
6 20	15 21.64	−14 28.1	1.683	2.567	13.9	18.6

237030 2008 SB_{68} 5 20.3 126°.01 4°.9/17.1 18

4 11	16 15.06	− 7 50.0	2.300	3.104	12.9	20.5
4 21	16 10.61	− 6 49.7	2.230	3.117	10.3	20.4
5 1	16 4.31	− 5 50.7	2.184	3.131	7.6	20.2
5 11	15 56.73	− 4 57.1	2.163	3.143	5.4	20.1
5 21	15 48.57	− 4 12.8	2.170	3.156	5.1	20.1
5 31	15 40.62	− 3 40.9	2.205	3.168	6.9	20.2
6 10	15 33.60	− 3 23.4	2.266	3.179	9.5	20.4
6 20	15 28.06	− 3 20.7	2.351	3.190	12.0	20.6

335140 2004 VO_{27} 5 20.3 209°.80 5°.3/23.5 18

4 11	16 20.49	−36 33.0	2.363	3.104	14.3	21.7
4 21	16 15.62	−36 56.4	2.262	3.098	12.1	21.6
5 1	16 8.20	−37 6.3	2.181	3.092	9.5	21.4
5 11	15 58.83	−36 59.7	2.124	3.085	7.0	21.2
5 21	15 48.40	−36 35.2	2.094	3.078	5.3	21.1
5 31	15 38.01	−35 53.9	2.091	3.070	6.0	21.1
6 10	15 28.73	−34 59.9	2.115	3.062	8.3	21.2
6 20	15 21.39	−33 58.9	2.165	3.053	11.0	21.4

327709 2006 SF_{76} 5 20.3 182°.90 0°.1/20.4 17

4 11	16 19.35	−21 8.7	2.007	2.803	14.7	22.1
4 21	16 14.64	−21 2.8	1.917	2.804	11.7	21.9
5 1	16 7.46	−20 50.4	1.849	2.804	8.1	21.6
5 11	15 58.44	−20 32.1	1.806	2.804	4.0	21.4
5 21	15 48.44	−20 9.0	1.791	2.803	0.3	21.1
5 31	15 38.52	−19 43.9	1.804	2.801	4.6	21.4
6 10	15 29.73	−19 20.0	1.843	2.799	8.6	21.7
6 20	15 22.83	−19 0.9	1.907	2.797	12.2	21.9

250302 2003 QM_{39} 5 20.3 251°.13 1°.8/21.1 17

4 11	16 20.23	−25 25.5	1.860	2.653	15.9	21.8
4 21	16 15.95	−25 28.4	1.752	2.634	12.9	21.6
5 1	16 8.78	−25 21.6	1.664	2.614	9.2	21.3
5 11	15 59.28	−25 3.8	1.600	2.594	5.1	21.0
5 21	15 48.37	−24 35.3	1.562	2.573	1.8	20.7
5 31	15 37.27	−23 58.1	1.552	2.551	5.1	20.9
6 10	15 27.29	−23 17.0	1.569	2.528	9.5	21.1
6 20	15 19.44	−22 37.3	1.609	2.505	13.7	21.3

488846 2005 RE_{25} 5 20.3 245°.62 4°.6/23.6 16

4 11	16 18.64	−38 1.6	3.230	3.947	11.2	23.5
4 21	16 13.56	−38 22.6	3.107	3.926	9.6	23.4
5 1	16 6.50	−38 32.7	3.007	3.904	7.7	23.2
5 11	15 57.93	−38 29.8	2.931	3.881	5.8	23.0
5 21	15 48.48	−38 12.5	2.883	3.858	4.7	22.9
5 31	15 38.95	−37 41.4	2.864	3.834	5.1	22.9
6 10	15 30.15	−36 58.8	2.872	3.810	6.8	23.0
6 20	15 22.75	−36 8.7	2.908	3.784	8.9	23.1

480804 2016 PF_{65} 5 20.3 66°.76 12°.6/13.1 17

4 11	16 15.28	+18 40.0	2.231	2.964	15.3	20.9
4 21	16 10.87	+19 50.9	2.186	2.974	14.1	20.9
5 1	16 4.52	+20 42.5	2.159	2.984	13.1	20.8
5 11	15 56.83	+21 8.9	2.153	2.994	12.7	20.8
5 21	15 48.57	+21 6.4	2.168	3.004	12.8	20.8
5 31	15 40.57	+20 33.9	2.204	3.014	13.6	20.9
6 10	15 33.59	+19 33.5	2.260	3.025	14.7	21.0
6 20	15 28.20	+18 9.5	2.334	3.035	15.9	21.1

438551 2007 TL_{267} 5 20.3 163°.74 3°.0/21.8 17

4 11	16 18.75	−28 16.2	2.333	3.106	13.6	21.8
4 21	16 14.01	−28 47.9	2.242	3.109	11.1	21.6
5 1	16 6.97	−29 11.5	2.173	3.111	8.1	21.4
5 11	15 58.19	−29 25.3	2.129	3.113	5.0	21.2
5 21	15 48.46	−29 28.3	2.112	3.115	3.0	21.1
5 31	15 38.76	−29 21.4	2.124	3.117	4.6	21.2
6 10	15 30.06	−29 7.2	2.163	3.118	7.6	21.4
6 20	15 23.10	−28 49.3	2.227	3.119	10.6	21.6

75347 1999 XO_{62} 5 20.3 344°.29 1°.0/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 17.49	−16 5.1	1.333	2.166	18.8	19.0
4 21	16 14.46	−16 31.8	1.252	2.161	15.0	18.7
5 1	16 8.08	−16 58.8	1.191	2.156	10.4	18.4
5 11	15 59.02	−17 26.2	1.151	2.151	5.2	18.1
5 21	15 48.39	−17 54.2	1.136	2.147	1.1	17.8
5 31	15 37.71	−18 23.2	1.145	2.144	6.2	18.1
6 10	15 28.53	−18 54.5	1.177	2.142	11.5	18.4
6 20	15 21.98	−19 29.7	1.231	2.140	16.1	18.7

155092 2005 SX_{169} 5 20.3 184°.68 3°.9/22.3 17

4 11	16 20.70	−30 56.4	2.115	2.883	15.0	22.0
4 21	16 15.88	−31 22.6	2.022	2.884	12.3	21.8
5 1	16 8.43	−31 37.7	1.951	2.883	9.2	21.6
5 11	15 58.98	−31 39.6	1.903	2.883	6.0	21.4
5 21	15 48.43	−31 26.9	1.882	2.882	3.9	21.2
5 31	15 37.92	−31 1.1	1.889	2.880	5.3	21.3
6 10	15 28.59	−30 26.0	1.923	2.878	8.4	21.5
6 20	15 21.27	−29 46.6	1.982	2.875	11.6	21.7

55891 1997 XF_{3} 5 20.3 156°.88 0°.5/20.6 18

4 11	16 19.32	−22 20.3	2.175	2.965	14.0	19.7
4 21	16 14.38	−22 19.5	2.089	2.972	11.1	19.6
5 1	16 7.15	−22 12.3	2.026	2.978	7.7	19.4
5 11	15 58.25	−21 58.6	1.988	2.984	3.9	19.1
5 21	15 48.50	−21 39.5	1.978	2.989	0.6	18.9
5 31	15 38.88	−21 17.1	1.996	2.994	4.2	19.2
6 10	15 30.34	−20 54.6	2.042	2.998	7.9	19.4
6 20	15 23.57	−20 35.1	2.113	3.002	11.2	19.6

233668 2008 RS_{27} 5 20.3 269°.98 3°.6/18.3 18

4 11	16 16.09	−12 17.0	2.139	2.945	13.6	20.8
4 21	16 12.06	−11 38.2	2.026	2.919	10.9	20.5
5 1	16 5.77	−10 56.8	1.936	2.892	7.8	20.3
5 11	15 57.69	−10 15.8	1.872	2.864	4.7	20.0
5 21	15 48.53	− 9 38.7	1.834	2.836	3.8	19.9
5 31	15 39.21	− 9 9.1	1.825	2.807	6.4	20.0
6 10	15 30.70	− 8 50.4	1.842	2.777	10.0	20.2
6 20	15 23.78	− 8 44.4	1.882	2.747	13.5	20.3

263699 2008 HV_{11} 5 20.3 230°.49 1°.9/18.3 18

4 11	16 6.13	−10 35.8	4.611	5.404	7.0	21.0
4 21	16 2.87	−10 19.2	4.516	5.401	5.5	20.9
5 1	15 58.72	−10 3.0	4.447	5.398	3.9	20.8
5 11	15 53.93	− 9 48.5	4.406	5.395	2.4	20.6
5 21	15 48.83	− 9 36.7	4.393	5.391	2.0	20.6
5 31	15 43.75	− 9 28.7	4.411	5.388	3.2	20.7
6 10	15 39.05	− 9 25.4	4.456	5.385	4.8	20.8
6 20	15 35.00	− 9 27.3	4.528	5.381	6.4	20.9

105430 2000 QR_{174} 5 20.3 219°.86 1°.8/19.1 17

4 11	16 13.12	−16 33.7	2.491	3.293	12.0	20.4
4 21	16 9.20	−15 56.9	2.397	3.288	9.5	20.2
5 1	16 3.46	−15 15.9	2.326	3.283	6.5	20.0
5 11	15 56.40	−14 32.8	2.281	3.278	3.4	19.8
5 21	15 48.65	−13 50.4	2.265	3.273	2.0	19.7
5 31	15 40.97	−13 11.6	2.277	3.267	4.6	19.9
6 10	15 34.09	−12 39.4	2.317	3.262	7.8	20.0
6 20	15 28.59	−12 16.0	2.382	3.256	10.7	20.2

132118 2002 CG_{228} 5 20.3 203°.95 1°.9/19.3 17

4 11	16 18.99	−17 59.2	1.828	2.635	15.6	20.9
4 21	16 14.56	−17 20.7	1.737	2.631	12.3	20.6
5 1	16 7.54	−16 35.2	1.668	2.627	8.5	20.4
5 11	15 58.54	−15 45.2	1.623	2.621	4.3	20.1
5 21	15 48.50	−14 54.1	1.606	2.615	2.1	20.0
5 31	15 38.53	−14 6.4	1.616	2.608	5.8	20.2
6 10	15 29.75	−13 26.8	1.652	2.601	10.0	20.4
6 20	15 22.98	−12 58.6	1.712	2.593	13.8	20.6

511103 2013 VE_{4} 5 20.3 224°.26 4°.0/18.1 17

4 11	16 16.11	−11 11.3	2.069	2.878	13.9	21.8
4 21	16 11.94	−10 27.0	1.977	2.870	11.1	21.6
5 1	16 5.56	− 9 41.3	1.907	2.861	7.9	21.3
5 11	15 57.52	− 8 57.8	1.862	2.852	5.0	21.1
5 21	15 48.58	− 8 20.1	1.845	2.843	4.2	21.1
5 31	15 39.67	− 7 52.0	1.855	2.833	6.7	21.2
6 10	15 31.71	− 7 36.3	1.891	2.823	10.0	21.4
6 20	15 25.42	− 7 34.2	1.950	2.812	13.2	21.6

189584 2000 VR_{54} 5 20.3 262°.58 1°.8/21.3 18

4 11	16 18.36	−26 3.7	2.180	2.964	14.1	21.1
4 21	16 14.06	−26 3.7	2.063	2.940	11.4	20.8
5 1	16 7.26	−25 54.4	1.968	2.915	8.2	20.6
5 11	15 58.49	−25 34.9	1.897	2.890	4.6	20.3
5 21	15 48.50	−25 5.5	1.854	2.864	1.8	20.0
5 31	15 38.34	−24 28.1	1.839	2.837	4.5	20.2
6 10	15 29.09	−23 46.7	1.852	2.810	8.4	20.4
6 20	15 21.62	−23 5.8	1.889	2.782	12.1	20.5

410291 2007 TM_{237} 5 20.3 194°.97 2°.0/19.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 19.03	−16 51.4	1.841	2.649	15.4	22.1
4 21	16 14.55	−16 21.7	1.753	2.647	12.2	21.9
5 1	16 7.51	−15 46.9	1.686	2.645	8.4	21.6
5 11	15 58.52	−15 9.3	1.644	2.642	4.3	21.4
5 21	15 48.51	−14 31.8	1.629	2.638	2.2	21.2
5 31	15 38.58	−13 58.3	1.641	2.634	5.7	21.4
6 10	15 29.83	−13 32.5	1.680	2.629	9.9	21.7
6 20	15 23.07	−13 17.2	1.742	2.624	13.6	21.9

237655 2001 SC_{172} 5 20.3 299°.63 3°.7/18.7 17

4 11	16 14.15	−16 0.6	1.286	2.128	18.9	20.8
4 21	16 11.95	−15 9.9	1.198	2.111	15.1	20.5
5 1	16 6.44	−14 10.7	1.128	2.095	10.6	20.1
5 11	15 58.27	−13 7.3	1.081	2.079	5.8	19.8
5 21	15 48.52	−12 5.5	1.056	2.063	4.0	19.7
5 31	15 38.68	−11 12.5	1.056	2.048	8.2	19.8
6 10	15 30.29	−10 35.1	1.078	2.033	13.4	20.1
6 20	15 24.46	−10 16.9	1.119	2.018	18.1	20.3

302215 2001 UA_{191} 5 20.3 308°.70 5°.3/22.4 16

4 11	16 18.06	−32 17.9	2.000	2.773	15.6	21.0
4 21	16 14.26	−33 12.8	1.900	2.761	13.0	20.8
5 1	16 7.65	−33 58.1	1.821	2.749	10.0	20.5
5 11	15 58.76	−34 29.9	1.765	2.738	7.1	20.3
5 21	15 48.49	−34 45.4	1.735	2.727	5.4	20.2
5 31	15 38.04	−34 44.2	1.731	2.716	6.4	20.3
6 10	15 28.69	−34 29.0	1.753	2.705	9.3	20.4
6 20	15 21.44	−34 4.6	1.799	2.694	12.5	20.6

69385 1995 DH_{6} 5 20.3 336°.77 4°.6/21.9 17

4 11	16 15.81	−28 16.9	1.263	2.086	20.3	19.2
4 21	16 13.73	−28 58.4	1.181	2.078	16.7	18.9
5 1	16 7.95	−29 28.0	1.117	2.070	12.3	18.7
5 11	15 59.12	−29 41.7	1.073	2.063	7.7	18.4
5 21	15 48.47	−29 37.3	1.052	2.057	4.6	18.2
5 31	15 37.75	−29 15.9	1.054	2.051	7.0	18.3
6 10	15 28.74	−28 43.1	1.078	2.047	11.7	18.5
6 20	15 22.71	−28 6.5	1.122	2.043	16.4	18.8

312892 2011 UE_{268} 5 20.3 185°.88 1°.0/19.7 17

4 11	16 14.22	−17 2.9	2.851	3.643	10.9	21.8
4 21	16 9.82	−16 52.8	2.757	3.642	8.6	21.6
5 1	16 3.77	−16 40.1	2.686	3.642	5.9	21.4
5 11	15 56.54	−16 25.8	2.643	3.641	2.9	21.2
5 21	15 48.69	−16 11.3	2.629	3.639	1.1	21.1
5 31	15 40.89	−15 58.2	2.644	3.637	3.7	21.3
6 10	15 33.79	−15 48.5	2.687	3.635	6.7	21.5
6 20	15 27.93	−15 43.6	2.757	3.633	9.3	21.6

295196 2008 FQ_{107} 5 20.3 328°.09 1°.9/21.2 18

4 11	16 16.01	−24 47.8	2.314	3.102	13.3	20.3
4 21	16 11.86	−25 15.4	2.221	3.099	10.7	20.1
5 1	16 5.53	−25 37.2	2.149	3.097	7.6	19.9
5 11	15 57.53	−25 51.9	2.103	3.095	4.3	19.6
5 21	15 48.61	−25 59.2	2.084	3.092	1.9	19.5
5 31	15 39.68	−25 59.8	2.093	3.090	4.1	19.6
6 10	15 31.66	−25 55.9	2.129	3.088	7.5	19.8
6 20	15 25.26	−25 50.3	2.191	3.086	10.6	20.0

28829 Abelsky 5 20.3 267°.38 1°.8/21.1 18

4 11	16 18.28	−24 44.2	1.871	2.668	15.6	19.1
4 21	16 14.38	−24 56.1	1.765	2.650	12.6	18.9
5 1	16 7.70	−24 59.8	1.680	2.632	9.0	18.6
5 11	15 58.79	−24 54.2	1.619	2.613	5.0	18.4
5 21	15 48.51	−24 39.2	1.584	2.595	1.8	18.1
5 31	15 38.07	−24 16.4	1.577	2.576	5.0	18.3
6 10	15 28.70	−23 49.6	1.595	2.556	9.3	18.5
6 20	15 21.39	−23 23.5	1.637	2.537	13.3	18.7

392152 2009 HO_{65} 5 20.3 78°.84 1°.5/19.7 17

4 11	16 17.57	−14 52.3	2.231	3.031	13.3	21.0
4 21	16 12.75	−15 0.1	2.159	3.048	10.5	20.9
5 1	16 5.90	−15 7.1	2.110	3.066	7.2	20.7
5 11	15 57.60	−15 14.3	2.087	3.084	3.6	20.5
5 21	15 48.62	−15 22.7	2.092	3.101	1.6	20.4
5 31	15 39.83	−15 33.3	2.125	3.119	4.5	20.6
6 10	15 32.04	−15 47.5	2.186	3.136	7.8	20.8
6 20	15 25.87	−16 6.2	2.272	3.153	10.9	21.1

93104 2000 SK_{45} 5 20.3 246°.97 3°.1/22.3 18

4 11	16 17.84	−31 21.1	2.004	2.781	15.4	19.3
4 21	16 13.77	−31 3.2	1.902	2.770	12.7	19.1
5 1	16 7.06	−30 29.8	1.820	2.759	9.3	18.8
5 11	15 58.35	−29 39.8	1.762	2.747	5.7	18.6
5 21	15 48.56	−28 34.1	1.730	2.735	3.1	18.4
5 31	15 38.84	−27 16.5	1.727	2.723	4.9	18.5
6 10	15 30.33	−25 53.1	1.750	2.711	8.6	18.7
6 20	15 23.86	−24 31.1	1.798	2.698	12.3	18.9

231259 2005 YW_{203} 5 20.4 220°.70 0°.9/19.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 16.18	−19 7.6	1.909	2.718	14.9	21.0
4 21	16 12.28	−18 52.3	1.821	2.716	11.8	20.8
5 1	16 5.94	−18 31.3	1.755	2.714	8.1	20.6
5 11	15 57.76	−18 5.9	1.713	2.711	4.0	20.3
5 21	15 48.61	−17 38.3	1.697	2.709	1.0	20.1
5 31	15 39.54	−17 11.5	1.709	2.706	4.9	20.3
6 10	15 31.57	−16 49.0	1.747	2.703	9.0	20.6
6 20	15 25.47	−16 33.7	1.809	2.700	12.7	20.8

84154 2002 RS_{81} 5 20.4 262°.28 0°.7/20.0 18

4 11	16 17.61	−20 0.9	1.790	2.599	15.8	20.3
4 21	16 13.82	−19 44.6	1.687	2.582	12.6	20.0
5 1	16 7.28	−19 21.1	1.605	2.564	8.7	19.8
5 11	15 58.56	−18 51.3	1.546	2.545	4.4	19.5
5 21	15 48.55	−18 17.2	1.514	2.526	0.8	19.1
5 31	15 38.41	−17 42.4	1.510	2.507	5.4	19.4
6 10	15 29.36	−17 11.0	1.530	2.487	10.0	19.6
6 20	15 22.35	−16 47.3	1.574	2.468	14.1	19.8

177878 2005 QO_{101} 5 20.4 125°.11 4°.6/23.3 18

4 11	16 16.84	−35 10.5	2.427	3.179	13.7	20.6
4 21	16 12.55	−35 30.9	2.337	3.182	11.4	20.5
5 1	16 5.98	−35 38.7	2.267	3.185	8.9	20.3
5 11	15 57.73	−35 31.8	2.222	3.189	6.3	20.1
5 21	15 48.62	−35 9.5	2.203	3.192	4.7	20.0
5 31	15 39.61	−34 33.3	2.212	3.195	5.4	20.1
6 10	15 31.66	−33 47.0	2.248	3.198	7.6	20.2
6 20	15 25.47	−32 55.5	2.308	3.201	10.3	20.4

254199 2004 RB_{57} 5 20.4 285°.64 1°.3/19.6 18

4 11	16 13.46	−16 52.2	2.391	3.194	12.4	20.3
4 21	16 9.74	−16 40.7	2.284	3.176	9.9	20.0
5 1	16 4.03	−16 26.1	2.199	3.157	6.8	19.8
5 11	15 56.80	−16 9.7	2.141	3.139	3.5	19.6
5 21	15 48.69	−15 53.0	2.110	3.120	1.4	19.4
5 31	15 40.51	−15 38.4	2.107	3.101	4.5	19.6
6 10	15 33.09	−15 28.0	2.131	3.082	7.9	19.7
6 20	15 27.08	−15 24.0	2.180	3.063	11.2	19.9

3278 Běhounek 5 20.4 73°.62 1°.5/19.6 18

4 11	16 14.48	−15 22.1	2.398	3.200	12.5	16.6
4 21	16 10.35	−15 20.0	2.311	3.202	9.8	16.4
5 1	16 4.31	−15 16.4	2.246	3.203	6.7	16.2
5 11	15 56.87	−15 12.6	2.207	3.204	3.5	16.0
5 21	15 48.70	−15 10.0	2.196	3.205	1.6	15.8
5 31	15 40.60	−15 10.0	2.214	3.207	4.4	16.0
6 10	15 33.33	−15 14.3	2.258	3.208	7.6	16.2
6 20	15 27.50	−15 24.2	2.328	3.209	10.6	16.4

270349 2001 XE_{267} 5 20.4 230°.50 0°.8/20.1 18

4 11	16 20.34	−16 49.0	2.083	2.880	14.3	20.8
4 21	16 15.47	−17 5.3	1.983	2.871	11.3	20.6
5 1	16 8.15	−17 20.3	1.906	2.861	7.8	20.3
5 11	15 58.91	−17 34.2	1.854	2.852	3.9	20.1
5 21	15 48.56	−17 47.4	1.830	2.841	0.9	19.8
5 31	15 38.11	−18 0.9	1.834	2.831	4.7	20.1
6 10	15 28.62	−18 16.0	1.866	2.819	8.7	20.3
6 20	15 20.92	−18 34.5	1.923	2.808	12.3	20.5

136737 1995 VA_{12} 5 20.4 256°.73 1°.8/19.6 18

4 11	16 18.16	−16 41.0	1.802	2.613	15.6	20.5
4 21	16 14.18	−16 24.2	1.701	2.597	12.4	20.3
5 1	16 7.50	−16 3.2	1.620	2.580	8.6	20.0
5 11	15 58.67	−15 39.6	1.564	2.562	4.4	19.7
5 21	15 48.57	−15 15.7	1.534	2.544	2.0	19.5
5 31	15 38.35	−14 54.8	1.532	2.526	5.8	19.7
6 10	15 29.19	−14 40.3	1.555	2.507	10.2	19.9
6 20	15 22.02	−14 35.0	1.601	2.488	14.3	20.1

182934 2002 GJ_{32} 5 20.4 86°.02 0°.0/20.6 11 C

4 11	15 52.09	−21 18.5	43.841	44.623	0.8	22.0
4 21	15 51.46	−21 16.3	43.745	44.625	0.6	22.0
5 1	15 50.75	−21 13.9	43.676	44.628	0.4	21.9
5 11	15 49.99	−21 11.2	43.634	44.631	0.2	21.9
5 21	15 49.20	−21 8.4	43.621	44.633	0.0	21.9
5 31	15 48.42	−21 5.5	43.638	44.636	0.2	21.9
6 10	15 47.66	−21 2.7	43.683	44.639	0.4	21.9
6 20	15 46.96	−21 0.0	43.756	44.642	0.6	22.0

479894 2014 HH_{26} 5 20.4 280°.83 1°.9/21.3 18

4 11	16 16.09	−24 59.0	2.378	3.164	13.0	21.2
4 21	16 11.96	−25 24.1	2.275	3.152	10.5	21.0
5 1	16 5.64	−25 43.3	2.194	3.141	7.5	20.8
5 11	15 57.64	−25 55.6	2.138	3.130	4.2	20.6
5 21	15 48.66	−26 0.5	2.110	3.118	1.9	20.4
5 31	15 39.60	−25 58.6	2.110	3.107	4.1	20.6
6 10	15 31.37	−25 52.3	2.138	3.096	7.5	20.7
6 20	15 24.72	−25 44.2	2.190	3.084	10.7	20.9

161082 2002 NS_8 5 20.4 250°.11 6°.7/16.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 14.88	− 2 9.3	2.173	2.974	13.6	20.2
4 21	16 10.85	− 1 20.8	2.084	2.963	11.2	20.0
5 1	16 4.77	− 0 37.6	2.018	2.953	8.8	19.9
5 11	15 57.15	− 0 4.1	1.976	2.942	7.1	19.7
5 21	15 48.70	+ 0 15.6	1.960	2.930	6.9	19.7
5 31	15 40.27	+ 0 18.4	1.971	2.919	8.6	19.8
6 10	15 32.70	+ 0 3.3	2.007	2.907	11.2	19.9
6 20	15 26.65	− 0 29.0	2.065	2.895	13.8	20.1

251543 2009 BM_{62} 5 20.4 93°.47 18°.6/31.5 18

4 11	16 35.69	−55 46.0	1.201	1.900	27.5	20.3
4 21	16 32.81	−57 45.6	1.145	1.911	25.4	20.2
5 1	16 23.02	−59 13.1	1.100	1.922	23.1	20.0
5 11	16 7.17	−59 53.5	1.068	1.933	21.0	19.9
5 21	15 47.99	−59 34.4	1.052	1.943	19.3	19.8
5 31	15 29.59	−58 13.2	1.053	1.954	18.6	19.8
6 10	15 15.64	−56 1.3	1.071	1.964	19.2	19.9
6 20	15 7.79	−53 18.1	1.108	1.974	20.7	20.0

254648 2005 JS_{133} 5 20.4 131°.67 2°.7/19.4 17

4 11	16 19.97	−13 32.0	1.728	2.540	16.1	20.3
4 21	16 15.36	−13 24.2	1.651	2.547	12.8	20.1
5 1	16 8.09	−13 15.9	1.596	2.554	8.9	19.9
5 11	15 58.85	−13 9.2	1.564	2.560	4.8	19.6
5 21	15 48.60	−13 6.1	1.559	2.567	2.8	19.5
5 31	15 38.51	−13 8.8	1.581	2.573	6.1	19.7
6 10	15 29.70	−13 19.1	1.629	2.578	10.1	20.0
6 20	15 22.98	−13 38.1	1.700	2.584	13.8	20.2

63569 2001 QK_{22} 5 20.4 125°.72 6°.5/16.5 18

4 11	16 16.83	− 4 3.1	2.092	2.894	14.0	19.2
4 21	16 12.17	− 2 52.7	2.028	2.909	11.4	19.1
5 1	16 5.50	− 1 46.4	1.986	2.924	8.8	18.9
5 11	15 57.42	− 0 49.3	1.970	2.938	6.9	18.8
5 21	15 48.71	− 0 6.2	1.980	2.951	6.8	18.8
5 31	15 40.25	+ 0 19.8	2.018	2.964	8.5	19.0
6 10	15 32.84	+ 0 27.2	2.080	2.977	11.0	19.1
6 20	15 27.06	+ 0 16.8	2.164	2.989	13.4	19.3

108650 2001 NX_{15} 5 20.4 200°.40 4°.5/17.6 18

4 11	16 14.07	− 7 15.6	2.468	3.269	12.2	19.9
4 21	16 9.91	− 6 37.6	2.381	3.267	9.8	19.7
5 1	16 3.95	− 6 1.5	2.318	3.264	7.2	19.5
5 11	15 56.69	− 5 30.5	2.280	3.261	5.0	19.4
5 21	15 48.76	− 5 7.7	2.270	3.258	4.6	19.3
5 31	15 40.89	− 4 55.4	2.288	3.254	6.4	19.5
6 10	15 33.82	− 4 55.4	2.332	3.250	9.0	19.6
6 20	15 28.09	− 5 7.6	2.400	3.246	11.6	19.8

390010 2012 TR_{314} 5 20.4 216°.06 0°.4/20.6 17

4 11	16 16.39	−22 8.7	2.331	3.123	13.1	22.2
4 21	16 12.07	−22 5.7	2.234	3.118	10.4	22.0
5 1	16 5.63	−21 56.6	2.159	3.112	7.2	21.8
5 11	15 57.60	−21 41.6	2.109	3.106	3.7	21.5
5 21	15 48.70	−21 21.6	2.088	3.100	0.5	21.2
5 31	15 39.82	−20 58.8	2.095	3.093	4.0	21.5
6 10	15 31.85	−20 36.1	2.129	3.086	7.6	21.7
6 20	15 25.46	−20 16.3	2.189	3.079	10.8	21.9

101974 1999 RC_{49} 5 20.4 248°.41 1°.9/21.3 18 R

4 11	16 20.56	−25 51.4	1.938	2.726	15.5	20.7
4 21	16 16.14	−25 56.8	1.828	2.707	12.6	20.4
5 1	16 8.91	−25 52.6	1.739	2.687	9.0	20.2
5 11	15 59.43	−25 37.7	1.674	2.667	5.0	19.9
5 21	15 48.57	−25 11.8	1.637	2.646	1.9	19.6
5 31	15 37.53	−24 37.1	1.626	2.625	4.9	19.8
6 10	15 27.56	−23 57.7	1.643	2.602	9.2	20.0
6 20	15 19.66	−23 18.9	1.684	2.579	13.2	20.2

480189 2015 FP_{336} 5 20.4 29°.33 6°.0/17.2 17

4 11	16 12.23	− 7 30.2	1.752	2.578	15.4	20.9
4 21	16 9.09	− 6 29.0	1.686	2.585	12.3	20.7
5 1	16 3.67	− 5 29.9	1.640	2.593	9.1	20.6
5 11	15 56.61	− 4 38.2	1.619	2.601	6.6	20.4
5 21	15 48.78	− 3 58.9	1.623	2.610	6.2	20.4
5 31	15 41.15	− 3 35.9	1.652	2.620	8.4	20.6
6 10	15 34.66	− 3 31.1	1.706	2.629	11.4	20.8
6 20	15 29.97	− 3 44.1	1.780	2.640	14.4	21.0

198878 2005 SJ_{93} 5 20.4 29°.16 2°.5/19.3 18

4 11	16 14.65	−18 57.5	1.113	1.962	20.8	20.6
4 21	16 12.48	−18 8.4	1.050	1.967	16.4	20.4
5 1	16 6.75	−17 8.6	1.004	1.973	11.3	20.1
5 11	15 58.36	−16 2.5	0.979	1.980	5.7	19.8
5 21	15 48.65	−14 56.4	0.977	1.987	2.7	19.6
5 31	15 39.30	−13 57.8	0.998	1.995	7.5	19.9
6 10	15 31.81	−13 13.8	1.041	2.004	12.8	20.3
6 20	15 27.14	−12 48.1	1.104	2.013	17.5	20.6

34674 2000 YE_{78} 5 20.4 243°.19 4°.4/17.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 13.99	− 5 46.6	2.786	3.580	11.1	18.6
4 21	16 9.71	− 5 18.1	2.686	3.566	9.0	18.4
5 1	16 3.78	− 4 52.4	2.609	3.551	6.7	18.2
5 11	15 56.62	− 4 32.1	2.558	3.536	4.8	18.1
5 21	15 48.78	− 4 19.8	2.536	3.520	4.5	18.0
5 31	15 40.92	− 4 17.6	2.542	3.505	6.1	18.1
6 10	15 33.71	− 4 26.5	2.575	3.488	8.5	18.3
6 20	15 27.68	− 4 46.7	2.632	3.472	10.9	18.4

105249 2000 QB_4 5 20.4 235°.24 2°.6/19.1 17

4 11	16 18.38	−16 3.8	1.726	2.540	16.1	20.4
4 21	16 14.36	−15 29.2	1.632	2.530	12.8	20.1
5 1	16 7.60	−14 49.2	1.559	2.519	8.9	19.9
5 11	15 58.72	−14 6.6	1.510	2.507	4.7	19.6
5 21	15 48.63	−13 24.8	1.488	2.495	2.8	19.4
5 31	15 38.52	−12 48.3	1.492	2.483	6.4	19.6
6 10	15 29.59	−12 21.3	1.521	2.470	10.7	19.8
6 20	15 22.73	−12 6.8	1.574	2.456	14.7	20.1

134743 2000 AY_{230} 5 20.4 234°.09 3°.6/18.5 18

4 11	16 18.81	−12 8.8	2.136	2.937	13.8	21.1
4 21	16 14.14	−11 31.4	2.032	2.921	11.1	20.9
5 1	16 7.17	−10 51.9	1.950	2.904	7.9	20.6
5 11	15 58.42	−10 13.2	1.894	2.886	4.7	20.4
5 21	15 48.65	− 9 38.8	1.866	2.867	3.7	20.3
5 31	15 38.81	− 9 12.0	1.866	2.847	6.3	20.4
6 10	15 29.86	− 8 55.9	1.893	2.827	9.9	20.6
6 20	15 22.57	− 8 52.2	1.944	2.806	13.2	20.8

479680 2014 DN_{85} 5 20.4 353°.58 4°.7/22.8 16

4 11	16 16.59	−32 49.9	2.115	2.885	14.9	21.0
4 21	16 12.76	−33 22.1	2.024	2.884	12.4	20.8
5 1	16 6.38	−33 42.5	1.955	2.883	9.5	20.6
5 11	15 58.06	−33 48.7	1.908	2.882	6.5	20.4
5 21	15 48.68	−33 39.4	1.888	2.882	4.7	20.3
5 31	15 39.33	−33 15.6	1.894	2.881	5.7	20.3
6 10	15 31.12	−32 41.1	1.927	2.881	8.4	20.5
6 20	15 24.85	−32 0.9	1.983	2.881	11.4	20.7

230119 2001 DQ_{38} 5 20.4 55°.57 8°.5/16.1 17

4 11	16 14.26	− 0 47.0	1.727	2.542	16.0	19.6
4 21	16 10.61	+ 0 25.9	1.670	2.555	13.3	19.4
5 1	16 4.65	+ 1 30.7	1.634	2.568	10.6	19.3
5 11	15 57.07	+ 2 20.9	1.621	2.581	8.8	19.2
5 21	15 48.76	+ 2 51.3	1.632	2.594	8.8	19.2
5 31	15 40.73	+ 2 58.7	1.668	2.608	10.5	19.4
6 10	15 33.89	+ 2 43.0	1.727	2.621	13.0	19.5
6 20	15 28.89	+ 2 6.3	1.806	2.635	15.5	19.7

405109 2002 CB_{246} 5 20.4 181°.47 4°.7/18.2 16

4 11	16 18.55	−10 58.5	1.687	2.503	16.3	22.3
4 21	16 14.31	−10 11.2	1.607	2.504	13.0	22.1
5 1	16 7.42	− 9 22.8	1.549	2.505	9.3	21.9
5 11	15 58.55	− 8 37.7	1.514	2.505	5.8	21.7
5 21	15 48.66	− 8 0.5	1.506	2.504	4.9	21.6
5 31	15 38.91	− 7 35.5	1.524	2.503	7.7	21.8
6 10	15 30.40	− 7 25.5	1.566	2.502	11.4	22.0
6 20	15 23.96	− 7 31.5	1.631	2.500	15.0	22.2

502239 2015 BJ_{94} 5 20.4 130°.05 0°.6/20.6 17

4 11	16 18.18	−22 5.7	1.760	2.567	16.1	21.7
4 21	16 14.13	−22 7.3	1.678	2.570	12.8	21.5
5 1	16 7.36	−22 1.7	1.616	2.573	8.9	21.3
5 11	15 58.55	−21 48.9	1.578	2.576	4.5	21.0
5 21	15 48.67	−21 30.1	1.567	2.579	0.6	20.7
5 31	15 38.91	−21 7.7	1.582	2.581	4.9	21.1
6 10	15 30.42	−20 45.6	1.623	2.584	9.2	21.3
6 20	15 24.05	−20 27.6	1.688	2.586	13.0	21.6

359426 Lacks 5 20.4 250°.25 1°.7/21.5 18

4 11	16 14.07	−27 12.8	2.544	3.324	12.4	21.5
4 21	16 10.14	−27 2.0	2.442	3.316	10.0	21.3
5 1	16 4.25	−26 41.9	2.362	3.307	7.1	21.1
5 11	15 56.90	−26 12.3	2.308	3.299	4.0	20.9
5 21	15 48.79	−25 34.3	2.281	3.290	1.7	20.7
5 31	15 40.71	−24 50.3	2.283	3.281	3.7	20.8
6 10	15 33.48	−24 3.7	2.313	3.273	6.9	21.0
6 20	15 27.73	−23 18.5	2.369	3.263	10.0	21.2

198901 2005 UX_{30} 5 20.4 224°.57 0°.8/20.0 16

4 11	16 18.99	−20 17.8	1.452	2.273	18.2	22.0
4 21	16 15.38	−19 56.9	1.368	2.269	14.5	21.8
5 1	16 8.58	−19 27.2	1.304	2.265	10.0	21.5
5 11	15 59.29	−18 50.1	1.261	2.261	5.0	21.2
5 21	15 48.62	−18 8.4	1.244	2.256	1.0	20.9
5 31	15 38.03	−17 26.7	1.253	2.251	6.0	21.2
6 10	15 28.93	−16 50.6	1.286	2.246	11.1	21.5
6 20	15 22.32	−16 24.7	1.340	2.240	15.6	21.7

151051 2001 UC_{225} 5 20.4 171°.99 5°.9/23.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 22.21	−35 50.9	2.080	2.831	15.7	20.5
4 21	16 17.37	−36 34.7	1.991	2.833	13.3	20.3
5 1	16 9.67	−37 5.3	1.921	2.835	10.4	20.1
5 11	15 59.74	−37 18.7	1.875	2.836	7.7	20.0
5 21	15 48.59	−37 12.7	1.854	2.837	6.0	19.9
5 31	15 37.48	−36 47.6	1.860	2.838	6.7	19.9
6 10	15 27.67	−36 7.8	1.893	2.838	9.1	20.1
6 20	15 20.08	−35 19.2	1.949	2.838	12.0	20.2

29086 1980 PY_2 5 20.4 232°.56 3°.7/21.6 18

4 11	16 22.84	−27 42.1	2.026	2.802	15.3	18.5
4 21	16 17.91	−28 34.8	1.925	2.793	12.5	18.3
5 1	16 10.13	−29 21.0	1.845	2.784	9.3	18.1
5 11	16 0.06	−29 57.4	1.791	2.775	5.9	17.8
5 21	15 48.58	−30 21.5	1.763	2.765	3.7	17.7
5 31	15 36.90	−30 32.6	1.763	2.755	5.5	17.8
6 10	15 26.29	−30 32.9	1.790	2.744	9.0	18.0
6 20	15 17.77	−30 26.5	1.842	2.733	12.5	18.2

99142 2001 FK_{106} 5 20.4 250°.78 3°.3/18.8 18

4 11	16 15.34	−12 15.9	1.960	2.773	14.4	19.4
4 21	16 11.47	−11 51.1	1.875	2.772	11.4	19.2
5 1	16 5.32	−11 25.7	1.813	2.770	8.0	19.0
5 11	15 57.48	−11 2.5	1.775	2.769	4.7	18.8
5 21	15 48.76	−10 44.3	1.764	2.768	3.4	18.7
5 31	15 40.12	−10 34.0	1.780	2.766	6.1	18.8
6 10	15 32.51	−10 33.6	1.822	2.765	9.6	19.0
6 20	15 26.63	−10 44.1	1.887	2.764	12.9	19.2

144352 2004 DY_{37} 5 20.4 353°.01 5°.7/17.0 18

4 11	16 12.45	− 6 34.2	2.034	2.849	13.9	19.8
4 21	16 9.03	− 5 37.4	1.956	2.848	11.2	19.6
5 1	16 3.55	− 4 42.8	1.900	2.848	8.4	19.4
5 11	15 56.57	− 3 54.9	1.868	2.847	6.2	19.3
5 21	15 48.84	− 3 18.2	1.863	2.846	5.9	19.3
5 31	15 41.21	− 2 56.1	1.883	2.846	7.9	19.4
6 10	15 34.53	− 2 50.6	1.929	2.846	10.7	19.6
6 20	15 29.43	− 3 1.6	1.997	2.846	13.5	19.8

216077 2006 QG_{53} 5 20.4 282°.94 4°.7/18.3 17

4 11	16 15.92	−11 21.6	1.552	2.379	16.9	20.7
4 21	16 12.67	−10 40.8	1.464	2.367	13.6	20.5
5 1	16 6.59	− 9 58.6	1.396	2.355	9.7	20.2
5 11	15 58.29	− 9 19.3	1.351	2.343	6.0	20.0
5 21	15 48.72	− 8 47.6	1.330	2.331	4.9	19.9
5 31	15 39.11	− 8 28.0	1.336	2.319	8.0	20.0
6 10	15 30.72	− 8 23.9	1.365	2.307	12.2	20.2
6 20	15 24.50	− 8 36.4	1.414	2.296	16.1	20.4

180753 2004 NY_{14} 5 20.4 310°.06 5°.2/17.5 17

4 11	16 12.22	− 7 2.9	2.125	2.939	13.4	20.6
4 21	16 8.87	− 6 21.8	2.035	2.927	10.9	20.4
5 1	16 3.48	− 5 42.7	1.967	2.916	8.1	20.2
5 11	15 56.58	− 5 9.6	1.923	2.905	5.7	20.0
5 21	15 48.84	− 4 46.2	1.906	2.894	5.3	19.9
5 31	15 41.11	− 4 35.5	1.915	2.883	7.3	20.0
6 10	15 34.24	− 4 39.3	1.950	2.873	10.2	20.2
6 20	15 28.88	− 4 57.8	2.007	2.863	13.1	20.4

331532 2000 SJ_{192} 5 20.4 311°.24 1°.8/19.8 15

4 11	16 15.16	−16 6.7	1.502	2.331	17.3	20.4
4 21	16 12.65	−16 8.3	1.392	2.298	13.9	20.1
5 1	16 7.04	−16 7.8	1.301	2.265	9.8	19.8
5 11	15 58.76	−16 6.6	1.233	2.232	5.1	19.4
5 21	15 48.67	−16 6.4	1.189	2.200	1.9	19.1
5 31	15 38.10	−16 9.8	1.170	2.167	6.5	19.3
6 10	15 28.54	−16 19.5	1.175	2.136	11.8	19.5
6 20	15 21.26	−16 38.1	1.200	2.105	16.7	19.7

439618 2014 EO_{46} 5 20.4 335°.56 11°.5/13.3 16

4 11	16 9.40	+ 5 18.0	1.697	2.511	16.3	20.5
4 21	16 7.18	+ 6 48.2	1.621	2.493	14.2	20.3
5 1	16 2.60	+ 8 7.8	1.564	2.477	12.5	20.2
5 11	15 56.23	+ 9 8.4	1.529	2.461	11.5	20.1
5 21	15 48.87	+ 9 43.0	1.516	2.447	11.9	20.1
5 31	15 41.52	+ 9 47.0	1.525	2.433	13.5	20.1
6 10	15 35.19	+ 9 19.6	1.555	2.420	15.7	20.2
6 20	15 30.63	+ 8 23.6	1.602	2.408	18.1	20.4

313060 2000 SZ_{52} 5 20.4 187°.36 5°.7/17.4 16

4 11	16 18.65	− 7 42.0	1.905	2.712	15.0	21.8
4 21	16 14.06	− 6 43.3	1.824	2.712	12.1	21.6
5 1	16 7.09	− 5 45.5	1.764	2.712	9.0	21.4
5 11	15 58.36	− 4 53.5	1.729	2.710	6.3	21.2
5 21	15 48.74	− 4 12.0	1.720	2.708	5.9	21.2
5 31	15 39.22	− 3 45.2	1.739	2.705	8.2	21.3
6 10	15 30.81	− 3 35.5	1.783	2.701	11.3	21.5
6 20	15 24.23	− 3 43.2	1.849	2.697	14.4	21.7

68450 2001 SN_{26} 5 20.4 315°.72 2°.3/19.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 14.80	−16 56.1	1.590	2.416	16.7	19.9
4 21	16 11.72	−16 25.5	1.505	2.410	13.2	19.7
5 1	16 5.86	−15 49.1	1.441	2.404	9.1	19.4
5 11	15 57.89	−15 9.7	1.399	2.398	4.7	19.1
5 21	15 48.76	−14 30.9	1.383	2.392	2.4	19.0
5 31	15 39.69	−13 57.0	1.393	2.387	6.2	19.2
6 10	15 31.88	−13 32.4	1.427	2.382	10.7	19.4
6 20	15 26.20	−13 19.8	1.483	2.377	14.8	19.7

292222 2006 SX_{50} 5 20.4 295°.93 1°.1/20.1 17

4 11	16 17.81	−17 8.9	1.479	2.304	17.7	20.8
4 21	16 14.63	−17 19.1	1.384	2.287	14.2	20.5
5 1	16 8.26	−17 27.1	1.307	2.270	9.9	20.2
5 11	15 59.28	−17 33.5	1.254	2.253	5.0	19.9
5 21	15 48.66	−17 39.3	1.225	2.236	1.2	19.6
5 31	15 37.81	−17 46.2	1.221	2.220	6.1	19.8
6 10	15 28.20	−17 56.9	1.242	2.204	11.3	20.1
6 20	15 21.01	−18 13.8	1.284	2.188	15.9	20.3

253817 2003 YF_{48} 5 20.4 102°.27 1°.7/19.8 18

4 11	16 19.92	−16 0.8	1.624	2.439	16.9	20.2
4 21	16 15.55	−16 0.4	1.550	2.447	13.3	20.0
5 1	16 8.35	−15 57.8	1.496	2.456	9.2	19.7
5 11	15 59.06	−15 54.3	1.466	2.464	4.6	19.5
5 21	15 48.69	−15 51.5	1.462	2.472	1.8	19.3
5 31	15 38.51	−15 51.6	1.485	2.480	5.7	19.6
6 10	15 29.71	−15 57.0	1.533	2.488	10.1	19.9
6 20	15 23.14	−16 9.4	1.604	2.496	14.0	20.1

123767 2001 AR_{48} 5 20.4 167°.94 15°.7/28.6 18

4 11	16 34.12	−52 6.0	1.353	2.056	24.7	19.5
4 21	16 30.29	−53 40.4	1.281	2.060	22.5	19.3
5 1	16 20.59	−54 47.4	1.221	2.062	20.1	19.1
5 11	16 5.85	−55 13.6	1.178	2.065	17.8	19.0
5 21	15 48.23	−54 48.6	1.152	2.066	16.2	18.9
5 31	15 30.99	−53 29.7	1.145	2.067	15.8	18.8
6 10	15 17.15	−51 26.5	1.159	2.068	16.9	18.9
6 20	15 8.40	−48 56.1	1.193	2.067	19.0	19.0

109443 2001 QC_{201} 5 20.4 174°.51 5°.8/23.4 18

4 11	16 23.05	−36 20.2	2.238	2.979	15.0	20.0
4 21	16 17.85	−37 3.4	2.146	2.982	12.7	19.8
5 1	16 9.92	−37 33.8	2.074	2.984	10.0	19.6
5 11	15 59.86	−37 47.6	2.027	2.985	7.4	19.4
5 21	15 48.65	−37 42.6	2.005	2.986	5.9	19.4
5 31	15 37.46	−37 19.3	2.011	2.987	6.5	19.4
6 10	15 27.50	−36 41.4	2.044	2.986	8.8	19.5
6 20	15 19.64	−35 54.5	2.101	2.986	11.5	19.7

496948 2001 XP_{122} 5 20.4 204°.14 0°.8/19.9 17

4 11	16 18.45	−18 48.2	2.302	3.095	13.2	22.8
4 21	16 13.68	−18 36.8	2.204	3.090	10.4	22.6
5 1	16 6.75	−18 21.0	2.129	3.084	7.2	22.4
5 11	15 58.20	−18 1.5	2.080	3.078	3.6	22.2
5 21	15 48.77	−17 39.9	2.059	3.071	0.9	21.9
5 31	15 39.35	−17 18.4	2.068	3.063	4.4	22.2
6 10	15 30.85	−17 0.0	2.104	3.055	8.0	22.4
6 20	15 23.96	−16 47.0	2.165	3.046	11.3	22.6

420489 2012 FF_{2} 5 20.4 190°.13 4°.0/22.2 17

4 11	16 21.40	−30 27.4	1.832	2.611	16.6	21.9
4 21	16 16.90	−30 49.0	1.742	2.610	13.6	21.7
5 1	16 9.44	−30 58.3	1.671	2.609	10.1	21.5
5 11	15 59.68	−30 52.6	1.625	2.608	6.5	21.2
5 21	15 48.67	−30 31.0	1.604	2.606	4.0	21.1
5 31	15 37.71	−29 55.2	1.610	2.603	5.7	21.2
6 10	15 28.11	−29 10.3	1.642	2.600	9.3	21.4
6 20	15 20.82	−28 22.3	1.698	2.597	12.9	21.6

273960 2007 KR_{2} 5 20.4 306°.88 10°.9/14.3 18

4 11	16 13.36	+ 2 47.9	1.649	2.462	16.7	19.2
4 21	16 10.57	+ 4 8.6	1.556	2.434	14.4	19.0
5 1	16 5.15	+ 5 21.6	1.483	2.406	12.3	18.8
5 11	15 57.62	+ 6 18.5	1.431	2.377	11.0	18.6
5 21	15 48.80	+ 6 51.6	1.403	2.350	11.3	18.6
5 31	15 39.80	+ 6 55.2	1.397	2.322	13.2	18.6
6 10	15 31.79	+ 6 27.5	1.412	2.294	16.0	18.7
6 20	15 25.70	+ 5 30.4	1.445	2.268	19.0	18.8

35582 1998 HD_{45} 5 20.4 168°.74 0°.1/20.5 18

4 11	16 17.24	−22 24.9	2.196	2.989	13.7	19.0
4 21	16 12.78	−22 5.6	2.107	2.992	10.9	18.8
5 1	16 6.12	−21 38.5	2.041	2.995	7.5	18.6
5 11	15 57.86	−21 4.6	2.000	2.997	3.8	18.3
5 21	15 48.80	−20 25.8	1.987	2.999	0.3	18.0
5 31	15 39.87	−19 45.0	2.003	3.001	4.2	18.4
6 10	15 31.96	−19 6.1	2.046	3.002	7.9	18.6
6 20	15 25.75	−18 32.6	2.114	3.003	11.2	18.8

210502 1998 HK_{53} 5 20.4 27°.15 1°.6/19.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 13.80	−19 35.1	1.172	2.018	20.1	19.8
4 21	16 11.64	−19 3.0	1.111	2.026	15.9	19.5
5 1	16 6.10	−18 21.4	1.067	2.036	10.9	19.3
5 11	15 58.04	−17 33.7	1.045	2.046	5.4	19.0
5 21	15 48.79	−16 44.4	1.046	2.057	1.7	18.8
5 31	15 39.89	−15 59.6	1.071	2.070	6.7	19.1
6 10	15 32.76	−15 25.3	1.117	2.082	11.9	19.5
6 20	15 28.32	−15 5.0	1.184	2.096	16.4	19.8

97250 1999 XW_{107} 5 20.4 142°.41 0°.9/20.9 18

4 11	16 18.04	−24 16.0	2.503	3.282	12.6	20.6
4 21	16 13.08	−24 10.6	2.418	3.294	10.0	20.5
5 1	16 6.15	−23 57.9	2.357	3.305	7.0	20.3
5 11	15 57.82	−23 38.2	2.322	3.316	3.7	20.1
5 21	15 48.81	−23 12.3	2.315	3.326	0.9	19.9
5 31	15 39.95	−22 42.6	2.337	3.335	3.7	20.1
6 10	15 32.05	−22 12.0	2.388	3.344	6.9	20.3
6 20	15 25.69	−21 43.6	2.464	3.352	9.9	20.5

12106 Menghuan 5 20.4 203°.72 2°.2/19.2 17

4 11	16 17.64	−17 24.6	1.800	2.612	15.6	19.5
4 21	16 13.57	−16 44.1	1.713	2.609	12.3	19.3
5 1	16 6.93	−15 57.2	1.646	2.606	8.5	19.0
5 11	15 58.36	−15 6.4	1.604	2.602	4.4	18.8
5 21	15 48.77	−14 15.6	1.589	2.598	2.3	18.6
5 31	15 39.28	−13 29.3	1.602	2.594	5.9	18.9
6 10	15 30.97	−12 51.9	1.640	2.589	10.0	19.1
6 20	15 24.64	−12 26.5	1.701	2.584	13.8	19.3

174191 2002 QL_{9} 5 20.4 325°.19 4°.9/18.8 18

4 11	16 15.80	−10 3.8	1.382	2.217	18.2	19.9
4 21	16 12.92	− 9 44.8	1.300	2.208	14.6	19.6
5 1	16 6.96	− 9 28.1	1.238	2.199	10.5	19.3
5 11	15 58.56	− 9 17.9	1.197	2.190	6.5	19.1
5 21	15 48.75	− 9 17.7	1.179	2.182	5.0	19.0
5 31	15 38.91	− 9 30.7	1.187	2.174	8.2	19.1
6 10	15 30.43	− 9 58.5	1.217	2.167	12.6	19.4
6 20	15 24.33	−10 40.6	1.267	2.160	16.9	19.6

384881 2012 SL_{60} 5 20.4 254°.07 0°.6/20.7 17

4 11	16 16.10	−22 51.4	2.057	2.856	14.3	22.1
4 21	16 12.22	−22 44.6	1.959	2.847	11.5	21.8
5 1	16 5.96	−22 30.2	1.883	2.838	8.0	21.6
5 11	15 57.89	−22 8.5	1.831	2.828	4.1	21.3
5 21	15 48.80	−21 40.5	1.807	2.819	0.6	21.0
5 31	15 39.71	−21 8.9	1.810	2.809	4.4	21.3
6 10	15 31.63	−20 37.5	1.840	2.799	8.4	21.5
6 20	15 25.34	−20 9.9	1.894	2.790	12.0	21.7

312658 2010 KX_{78} 5 20.4 276°.64 4°.1/22.9 18

4 11	16 15.75	−33 13.4	2.371	3.133	13.7	20.5
4 21	16 11.84	−33 29.2	2.270	3.125	11.4	20.4
5 1	16 5.64	−33 33.1	2.190	3.117	8.7	20.2
5 11	15 57.70	−33 23.4	2.135	3.109	5.9	20.0
5 21	15 48.81	−32 59.3	2.106	3.101	4.2	19.8
5 31	15 39.94	−32 22.4	2.104	3.093	5.1	19.9
6 10	15 32.04	−31 36.3	2.130	3.085	7.7	20.0
6 20	15 25.86	−30 45.9	2.180	3.076	10.6	20.2

483090 2015 MW_{62} 5 20.4 288°.16 4°.2/18.1 17

4 11	16 13.33	− 8 26.0	2.311	3.119	12.7	21.1
4 21	16 9.58	− 7 59.5	2.218	3.108	10.2	20.9
5 1	16 3.91	− 7 34.9	2.146	3.097	7.4	20.8
5 11	15 56.79	− 7 15.0	2.100	3.087	4.9	20.6
5 21	15 48.88	− 7 2.6	2.082	3.076	4.3	20.5
5 31	15 40.98	− 7 0.0	2.090	3.065	6.3	20.6
6 10	15 33.86	− 7 8.7	2.125	3.055	9.2	20.8
6 20	15 28.16	− 7 29.0	2.184	3.044	12.0	20.9

232724 2004 CA_{57} 5 20.4 109°.88 1°.3/21.0 18

4 11	16 17.33	−23 52.8	2.210	3.000	13.8	20.5
4 21	16 12.87	−24 2.9	2.128	3.009	11.0	20.3
5 1	16 6.20	−24 6.2	2.067	3.018	7.7	20.1
5 11	15 57.92	−24 2.3	2.032	3.027	4.1	19.9
5 21	15 48.81	−23 51.8	2.025	3.035	1.3	19.7
5 31	15 39.84	−23 36.3	2.045	3.044	4.0	19.9
6 10	15 31.90	−23 18.8	2.094	3.052	7.6	20.2
6 20	15 25.68	−23 2.4	2.166	3.061	10.8	20.4

262409 2006 US_{33} 5 20.4 40°.88 2°.0/21.1 17

4 11	16 19.37	−23 39.2	1.536	2.347	17.8	20.9
4 21	16 15.61	−24 8.5	1.457	2.350	14.3	20.7
5 1	16 8.71	−24 30.6	1.398	2.354	10.1	20.4
5 11	15 59.37	−24 43.7	1.362	2.357	5.5	20.2
5 21	15 48.71	−24 47.2	1.351	2.361	2.0	20.0
5 31	15 38.14	−24 42.5	1.366	2.365	5.4	20.2
6 10	15 29.03	−24 33.2	1.405	2.369	10.0	20.5
6 20	15 22.40	−24 23.7	1.467	2.374	14.1	20.7

24458 2000 RP_{100} 5 20.4 333°.55 2°.2/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 8.51	−32 30.0	4.062	4.811	8.6	18.8
4 21	16 5.07	−32 19.7	3.958	4.807	7.1	18.7
5 1	16 0.42	−32 1.4	3.878	4.804	5.3	18.6
5 11	15 54.92	−31 35.2	3.824	4.800	3.5	18.5
5 21	15 49.01	−31 1.5	3.799	4.796	2.3	18.4
5 31	15 43.17	−30 21.8	3.802	4.793	2.9	18.4
6 10	15 37.85	−29 38.1	3.835	4.790	4.6	18.5
6 20	15 33.44	−28 52.9	3.895	4.786	6.5	18.6

365158 2009 DN_{103} 5 20.4 130°.49 3°.8/18.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 19.09	−12 28.3	1.577	2.397	17.0	21.0
4 21	16 14.93	−12 1.7	1.502	2.402	13.5	20.8
5 1	16 7.95	−11 34.3	1.448	2.407	9.5	20.5
5 11	15 58.89	−11 9.6	1.418	2.412	5.5	20.3
5 21	15 48.75	−10 50.8	1.413	2.417	3.9	20.2
5 31	15 38.80	−10 41.5	1.434	2.422	7.0	20.4
6 10	15 30.21	−10 43.9	1.480	2.426	11.1	20.7
6 20	15 23.84	−10 59.0	1.548	2.430	14.9	20.9

505546 2013 YH_{120} 5 20.4 157°.37 2°.1/19.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 15.51	−15 26.4	2.090	2.898	13.8	21.8
4 21	16 11.47	−15 3.9	2.006	2.900	10.9	21.6
5 1	16 5.26	−14 38.7	1.944	2.902	7.5	21.4
5 11	15 57.46	−14 12.7	1.907	2.903	4.0	21.2
5 21	15 48.85	−13 48.4	1.897	2.905	2.2	21.1
5 31	15 40.34	−13 28.6	1.915	2.906	5.2	21.3
6 10	15 32.83	−13 15.8	1.959	2.907	8.7	21.5
6 20	15 26.97	−13 11.9	2.028	2.908	12.0	21.7

423798 2006 HU_{53} 5 20.4 354°.51 0°.5/20.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 16.86	−17 17.8	1.396	2.226	18.3	19.6
4 21	16 13.97	−18 14.1	1.314	2.220	14.6	19.3
5 1	16 7.83	−19 12.2	1.252	2.215	10.2	19.1
5 11	15 59.07	−20 10.7	1.212	2.211	5.1	18.8
5 21	15 48.73	−21 7.3	1.197	2.209	0.5	18.4
5 31	15 38.29	−22 0.6	1.207	2.207	5.7	18.8
6 10	15 29.23	−22 50.4	1.241	2.207	10.8	19.1
6 20	15 22.70	−23 38.1	1.297	2.209	15.2	19.3

392178 2009 KN_{19} 5 20.4 347°.78 8°.9/16.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 13.05	+ 2 55.1	1.925	2.728	15.0	20.1
4 21	16 9.65	+ 3 44.2	1.851	2.723	12.8	20.0
5 1	16 4.07	+ 4 23.0	1.797	2.719	10.6	19.8
5 11	15 56.89	+ 4 45.7	1.767	2.715	9.1	19.7
5 21	15 48.89	+ 4 48.2	1.760	2.712	9.1	19.7
5 31	15 40.99	+ 4 27.9	1.778	2.709	10.5	19.8
6 10	15 34.07	+ 3 45.3	1.820	2.707	12.8	19.9
6 20	15 28.81	+ 2 42.9	1.882	2.705	15.2	20.1

469271 2016 JL_{32} 5 20.4 296°.28 2°.3/19.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 13.80	−18 33.1	1.647	2.470	16.3	20.6
4 21	16 11.02	−17 42.2	1.546	2.450	13.0	20.4
5 1	16 5.49	−16 41.4	1.466	2.429	9.0	20.1
5 11	15 57.80	−15 33.4	1.409	2.408	4.7	19.8
5 21	15 48.83	−14 22.9	1.379	2.388	2.5	19.6
5 31	15 39.77	−13 16.0	1.374	2.367	6.4	19.8
6 10	15 31.84	−12 19.0	1.394	2.347	11.1	20.0
6 20	15 25.98	−11 36.7	1.436	2.327	15.3	20.2

456087 2006 BF_{106} 5 20.4 80°.74 2°.5/19.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 19.06	−15 53.6	1.371	2.200	18.7	22.2
4 21	16 15.34	−15 33.8	1.302	2.207	14.8	21.9
5 1	16 8.46	−15 10.3	1.252	2.215	10.2	21.7
5 11	15 59.20	−14 45.6	1.224	2.223	5.3	21.4
5 21	15 48.75	−14 23.1	1.221	2.231	2.6	21.3
5 31	15 38.55	−14 6.5	1.244	2.238	6.7	21.5
6 10	15 29.95	−13 59.4	1.290	2.246	11.5	21.8
6 20	15 23.87	−14 3.8	1.357	2.254	15.7	22.1

120129 2003 FT_{117} 5 20.4 98°.64 3°.7/18.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 17.44	−11 56.1	1.791	2.606	15.5	20.2
4 21	16 13.20	−11 25.3	1.720	2.617	12.3	20.0
5 1	16 6.52	−10 54.2	1.671	2.628	8.6	19.8
5 11	15 58.09	−10 26.0	1.646	2.639	5.1	19.6
5 21	15 48.83	−10 4.0	1.647	2.650	3.9	19.6
5 31	15 39.79	− 9 51.3	1.676	2.660	6.6	19.7
6 10	15 31.97	− 9 49.9	1.729	2.671	10.1	20.0
6 20	15 26.07	−10 0.6	1.806	2.681	13.5	20.2

147992 1996 BA_{11} 5 20.4 127°.30 2°.4/22.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 14.66	−29 25.2	2.454	3.229	13.0	20.6
4 21	16 10.67	−29 18.6	2.363	3.231	10.5	20.4
5 1	16 4.64	−29 1.5	2.293	3.233	7.6	20.2
5 11	15 57.13	−28 33.4	2.249	3.236	4.6	20.0
5 21	15 48.89	−27 55.1	2.232	3.238	2.4	19.9
5 31	15 40.77	−27 9.1	2.243	3.239	4.0	20.0
6 10	15 33.60	−26 19.2	2.282	3.241	7.0	20.2
6 20	15 27.99	−25 29.7	2.346	3.243	9.9	20.4

430770 2004 RZ_{250} 5 20.4 286°.14 8°.3/24.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 20.04	−40 27.6	1.852	2.597	17.6	21.2
4 21	16 16.55	−41 16.4	1.747	2.579	15.3	21.0
5 1	16 9.70	−41 48.5	1.661	2.560	12.7	20.8
5 11	16 0.05	−41 58.1	1.596	2.541	10.1	20.6
5 21	15 48.69	−41 41.0	1.554	2.523	8.5	20.4
5 31	15 37.14	−40 56.7	1.536	2.504	8.8	20.4
6 10	15 26.99	−39 49.9	1.543	2.485	11.1	20.5
6 20	15 19.45	−38 28.8	1.573	2.466	14.1	20.6

262163 2006 SG_{94} 5 20.4 164°.95 5°.4/17.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 16.78	− 9 39.3	1.948	2.758	14.6	21.6
4 21	16 12.49	− 8 21.2	1.870	2.762	11.7	21.4
5 1	16 5.95	− 7 1.7	1.815	2.766	8.5	21.2
5 11	15 57.80	− 5 45.9	1.786	2.769	5.9	21.0
5 21	15 48.86	− 4 39.5	1.784	2.772	5.6	21.0
5 31	15 40.10	− 3 47.5	1.809	2.774	7.9	21.2
6 10	15 32.43	− 3 13.1	1.859	2.776	11.0	21.4
6 20	15 26.52	− 2 57.4	1.932	2.777	14.0	21.5

309183 2007 CE_{47} 5 20.4 273°.73 6°.5/16.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 14.25	− 7 18.5	1.746	2.568	15.6	20.3
4 21	16 10.89	− 6 5.6	1.665	2.561	12.6	20.1
5 1	16 5.09	− 4 53.0	1.604	2.555	9.5	19.9
5 11	15 57.47	− 3 46.8	1.568	2.548	7.0	19.7
5 21	15 48.88	− 2 52.8	1.557	2.541	6.8	19.7
5 31	15 40.37	− 2 16.2	1.571	2.534	9.1	19.8
6 10	15 32.95	− 2 0.1	1.610	2.528	12.3	20.0
6 20	15 27.39	− 2 4.7	1.669	2.521	15.5	20.2

203026 2000 AN_{226} 5 20.4 132°.02 1°.7/21.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 16.36	−25 48.9	2.028	2.822	14.7	20.8
4 21	16 12.42	−25 48.2	1.941	2.823	11.8	20.6
5 1	16 6.07	−25 38.2	1.874	2.824	8.4	20.4
5 11	15 57.93	−25 18.4	1.832	2.826	4.6	20.2
5 21	15 48.86	−24 49.7	1.817	2.827	1.7	20.0
5 31	15 39.89	−24 14.7	1.829	2.828	4.4	20.2
6 10	15 32.03	−23 37.5	1.868	2.830	8.1	20.4
6 20	15 26.03	−23 2.3	1.932	2.831	11.6	20.6

179972 2002 XV_{34} 5 20.4 253°.41 0°.9/20.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 19.43	−21 54.1	1.792	2.595	16.0	20.3
4 21	16 15.34	−22 10.4	1.695	2.585	12.8	20.1
5 1	16 8.42	−22 21.1	1.619	2.574	9.0	19.8
5 11	15 59.26	−22 25.4	1.566	2.563	4.7	19.5
5 21	15 48.77	−22 23.3	1.540	2.551	0.9	19.2
5 31	15 38.16	−22 16.1	1.541	2.540	5.0	19.5
6 10	15 28.69	−22 7.1	1.567	2.528	9.5	19.7
6 20	15 21.35	−21 59.8	1.618	2.516	13.5	19.9

512261 2016 ED_{129} 5 20.4 339°.51 2°.1/21.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 13.91	−24 35.8	1.272	2.105	19.6	20.9
4 21	16 12.04	−24 49.8	1.190	2.096	15.8	20.6
5 1	16 6.70	−24 52.9	1.126	2.088	11.3	20.4
5 11	15 58.57	−24 43.9	1.083	2.080	6.2	20.0
5 21	15 48.81	−24 23.0	1.063	2.074	2.1	19.8
5 31	15 39.03	−23 53.4	1.066	2.068	6.1	20.0
6 10	15 30.85	−23 20.7	1.092	2.063	11.3	20.3
6 20	15 25.42	−22 51.3	1.138	2.059	16.1	20.5

109998 2001 SN_{62} 5 20.4 195°.31 0°.3/20.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 18.46	−21 46.0	2.061	2.857	14.4	20.1
4 21	16 14.00	−21 40.4	1.969	2.855	11.5	19.9
5 1	16 7.14	−21 28.0	1.898	2.853	8.0	19.6
5 11	15 58.47	−21 9.3	1.853	2.850	4.0	19.4
5 21	15 48.83	−20 45.4	1.835	2.847	0.3	19.1
5 31	15 39.25	−20 18.9	1.845	2.844	4.4	19.4
6 10	15 30.73	−19 53.1	1.882	2.840	8.4	19.6
6 20	15 24.04	−19 31.6	1.944	2.835	11.9	19.8

232165 2002 CC_{308} 5 20.4 144°.26 0°.8/19.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 10.08	−17 12.8	3.941	4.727	8.3	22.2
4 21	16 6.14	−16 59.4	3.853	4.736	6.4	22.1
5 1	16 1.08	−16 43.8	3.790	4.744	4.4	22.0
5 11	15 55.25	−16 27.1	3.755	4.752	2.2	21.8
5 21	15 49.05	−16 10.4	3.750	4.760	0.9	21.7
5 31	15 42.91	−15 54.8	3.775	4.768	2.8	21.9
6 10	15 37.28	−15 41.9	3.828	4.775	4.9	22.0
6 20	15 32.48	−15 32.6	3.909	4.782	6.9	22.2

432357 2009 VJ_{114} 5 20.4 313°.51 4°.3/19.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 19.20	− 8 22.0	1.721	2.534	16.1	20.6
4 21	16 14.94	− 8 26.4	1.635	2.528	13.0	20.3
5 1	16 8.01	− 8 36.0	1.569	2.523	9.3	20.1
5 11	15 58.99	− 8 53.3	1.528	2.518	5.8	19.9
5 21	15 48.80	− 9 20.1	1.512	2.514	4.4	19.8
5 31	15 38.60	− 9 57.3	1.524	2.509	7.0	19.9
6 10	15 29.55	−10 44.8	1.561	2.505	10.8	20.1
6 20	15 22.54	−11 41.8	1.621	2.501	14.5	20.4

430560 2002 NC_{32} 5 20.4 241°.54 4°.0/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 23.37	−35 2.8	2.296	3.040	14.6	21.4
4 21	16 18.01	−34 44.7	2.176	3.019	12.2	21.2
5 1	16 10.00	−34 9.9	2.076	2.998	9.4	21.0
5 11	15 59.94	−33 16.0	2.002	2.976	6.3	20.8
5 21	15 48.74	−32 2.8	1.955	2.952	4.1	20.6
5 31	15 37.55	−30 33.3	1.937	2.928	5.1	20.6
6 10	15 27.50	−28 53.6	1.948	2.903	8.3	20.7
6 20	15 19.47	−27 11.5	1.986	2.877	11.8	20.9

243996 2001 RP_{149} 5 20.4 205°.70 0°.5/20.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 19.91	−20 36.8	1.610	2.421	17.1	21.5
4 21	16 15.82	−20 18.9	1.523	2.418	13.7	21.2
5 1	16 8.76	−19 52.8	1.456	2.415	9.5	21.0
5 11	15 59.40	−19 19.5	1.412	2.411	4.7	20.7
5 21	15 48.78	−18 41.5	1.394	2.406	0.7	20.4
5 31	15 38.22	−18 2.6	1.403	2.401	5.6	20.7
6 10	15 29.04	−17 27.9	1.437	2.396	10.3	20.9
6 20	15 22.16	−17 1.7	1.494	2.390	14.6	21.2

504727 2009 UG_{143} 5 20.4 215°.33 0°.5/20.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 19.59	−21 59.7	2.407	3.190	13.0	24.0
4 21	16 14.61	−22 2.5	2.303	3.181	10.3	23.8
5 1	16 7.45	−21 59.6	2.221	3.171	7.2	23.6
5 11	15 58.61	−21 51.1	2.165	3.161	3.7	23.3
5 21	15 48.83	−21 37.4	2.137	3.149	0.5	23.0
5 31	15 39.00	−21 20.2	2.139	3.137	4.0	23.3
6 10	15 30.04	−21 2.3	2.169	3.124	7.6	23.5
6 20	15 22.68	−20 46.4	2.225	3.111	10.9	23.7

244282 2002 ER_{70} 5 20.4 30°.22 7°.3/24.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 20.16	−40 8.8	2.323	3.051	14.9	20.1
4 21	16 15.74	−41 14.0	2.235	3.053	12.8	19.9
5 1	16 8.58	−42 5.9	2.167	3.056	10.6	19.8
5 11	15 59.29	−42 40.1	2.123	3.059	8.5	19.6
5 21	15 48.78	−42 53.7	2.103	3.062	7.3	19.6
5 31	15 38.23	−42 46.1	2.109	3.065	7.6	19.6
6 10	15 28.84	−42 20.5	2.141	3.068	9.3	19.7
6 20	15 21.53	−41 42.1	2.196	3.072	11.4	19.8

504714 2009 SY_{290} 5 20.4 300°.96 4°.6/21.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 21.66	−26 24.7	1.588	2.387	17.9	21.7
4 21	16 18.01	−27 39.4	1.486	2.369	14.7	21.5
5 1	16 10.90	−28 50.5	1.404	2.350	11.0	21.2
5 11	16 0.79	−29 53.5	1.345	2.332	7.0	20.9
5 21	15 48.67	−30 43.6	1.311	2.314	4.6	20.7
5 31	15 36.03	−31 18.0	1.303	2.296	6.9	20.8
6 10	15 24.58	−31 37.8	1.320	2.278	11.1	21.0
6 20	15 15.70	−31 47.4	1.359	2.261	15.3	21.2

106184 2000 UG_9 5 20.4 266°.89 0°.7/20.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 19.87	−22 48.4	1.730	2.534	16.5	20.6
4 21	16 15.99	−22 45.1	1.619	2.509	13.3	20.3
5 1	16 9.10	−22 33.2	1.529	2.484	9.4	20.0
5 11	15 59.72	−22 12.1	1.461	2.458	4.9	19.7
5 21	15 48.75	−21 42.5	1.420	2.432	0.7	19.3
5 31	15 37.48	−21 7.1	1.406	2.405	5.3	19.6
6 10	15 27.30	−20 30.7	1.417	2.377	10.3	19.8
6 20	15 19.33	−19 58.4	1.452	2.349	14.8	20.0

386355 2008 TU_8 5 20.4 235°.99 0°.6/20.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 16.89	−22 23.3	2.109	2.906	14.1	21.6
4 21	16 12.78	−22 22.8	2.013	2.899	11.3	21.4
5 1	16 6.33	−22 15.5	1.938	2.892	7.9	21.2
5 11	15 58.09	−22 1.7	1.888	2.884	4.0	20.9
5 21	15 48.87	−21 42.2	1.865	2.877	0.6	20.7
5 31	15 39.64	−21 19.3	1.870	2.869	4.3	20.9
6 10	15 31.40	−20 56.1	1.902	2.861	8.2	21.2
6 20	15 24.91	−20 36.0	1.958	2.852	11.7	21.4

62765 2000 UH_{14} 5 20.4 298°.44 1°.0/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 15.70	−16 37.4	2.192	2.996	13.4	19.1
4 21	16 11.69	−16 45.4	2.097	2.989	10.6	18.9
5 1	16 5.50	−16 51.8	2.024	2.981	7.3	18.6
5 11	15 57.66	−16 57.2	1.976	2.974	3.7	18.4
5 21	15 48.90	−17 2.5	1.956	2.967	1.1	18.2
5 31	15 40.11	−17 9.1	1.964	2.960	4.5	18.4
6 10	15 32.20	−17 18.6	1.999	2.953	8.2	18.6
6 20	15 25.88	−17 32.4	2.058	2.946	11.5	18.8

231548 2008 SO_{248} 5 20.4 50°.91 0°.7/20.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 16.21	−19 4.5	1.897	2.706	15.0	20.5
4 21	16 12.36	−18 56.8	1.812	2.707	11.9	20.3
5 1	16 6.08	−18 44.1	1.749	2.707	8.2	20.0
5 11	15 57.96	−18 27.4	1.709	2.708	4.0	19.8
5 21	15 48.89	−18 8.5	1.697	2.709	0.8	19.5
5 31	15 39.90	−17 50.0	1.712	2.709	4.8	19.8
6 10	15 32.02	−17 34.9	1.752	2.710	8.9	20.1
6 20	15 26.01	−17 26.0	1.817	2.710	12.5	20.3

313914 2004 PF_{103} 5 20.4 212°.00 1°.0/19.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 20.51	−20 5.1	1.998	2.794	14.8	21.7
4 21	16 15.70	−19 33.6	1.899	2.786	11.8	21.4
5 1	16 8.37	−18 54.4	1.822	2.777	8.1	21.2
5 11	15 59.12	−18 8.6	1.770	2.767	4.0	20.9
5 21	15 48.81	−17 19.1	1.745	2.757	1.1	20.7
5 31	15 38.52	−16 29.6	1.750	2.745	5.1	20.9
6 10	15 29.32	−15 44.9	1.781	2.732	9.2	21.2
6 20	15 22.02	−15 8.8	1.837	2.719	13.0	21.4

101637 1999 CA_{43} 5 20.4 154°.13 8°.6/15.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 15.93	+ 0 5.6	1.844	2.649	15.5	19.7
4 21	16 11.94	+ 1 17.8	1.774	2.652	13.0	19.5
5 1	16 5.65	+ 2 22.5	1.726	2.654	10.5	19.4
5 11	15 57.70	+ 3 13.4	1.701	2.657	8.9	19.3
5 21	15 48.92	+ 3 44.9	1.702	2.659	8.9	19.3
5 31	15 40.31	+ 3 53.7	1.727	2.661	10.6	19.4
6 10	15 32.79	+ 3 39.0	1.775	2.662	13.0	19.5
6 20	15 27.07	+ 3 2.8	1.844	2.664	15.6	19.7

506935 2008 GU_8 5 20.4 62°.49 9°.0/24.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 28.15	−43 8.8	2.299	2.999	15.7	21.2
4 21	16 22.46	−44 55.4	2.222	3.013	13.8	21.1
5 1	16 13.51	−46 28.5	2.166	3.026	11.7	21.0
5 11	16 1.89	−47 41.3	2.133	3.040	10.0	20.9
5 21	15 48.64	−48 28.8	2.124	3.054	9.0	20.9
5 31	15 35.22	−48 49.0	2.142	3.067	9.3	20.9
6 10	15 23.11	−48 44.8	2.185	3.081	10.5	21.0
6 20	15 13.49	−48 22.0	2.250	3.095	12.3	21.2

463454 2013 PB_1 5 20.4 36°.21 5°.5/23.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 17.05	−34 17.7	1.371	2.170	20.2	20.7
4 21	16 14.26	−34 24.4	1.303	2.180	16.8	20.5
5 1	16 7.95	−34 10.1	1.252	2.190	12.7	20.2
5 11	15 59.02	−33 32.3	1.221	2.201	8.5	20.0
5 21	15 48.85	−32 31.3	1.214	2.213	5.6	19.9
5 31	15 39.06	−31 12.2	1.231	2.225	6.8	20.0
6 10	15 31.17	−29 44.1	1.271	2.238	10.6	20.2
6 20	15 26.09	−28 16.8	1.334	2.251	14.5	20.5

377394 2004 RO_{340} 5 20.4 174°.65 3°.2/22.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 18.15	−31 52.7	2.016	2.789	15.4	20.2
4 21	16 13.93	−31 34.1	1.925	2.791	12.6	20.0
5 1	16 7.14	−31 0.0	1.854	2.791	9.3	19.8
5 11	15 58.48	−30 9.7	1.808	2.792	5.8	19.6
5 21	15 48.88	−29 4.4	1.788	2.792	3.2	19.4
5 31	15 39.49	−27 47.9	1.796	2.793	4.8	19.5
6 10	15 31.36	−26 26.6	1.832	2.793	8.3	19.7
6 20	15 25.25	−25 7.1	1.892	2.792	11.8	19.9

168393 1998 AU_4 5 20.4 215°.54 1°.0/21.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 16.09	−24 25.6	2.687	3.466	11.8	21.6
4 21	16 11.62	−24 23.3	2.584	3.459	9.5	21.4
5 1	16 5.26	−24 14.3	2.503	3.451	6.7	21.2
5 11	15 57.49	−23 58.4	2.449	3.443	3.6	21.0
5 21	15 48.95	−23 36.4	2.424	3.434	1.0	20.8
5 31	15 40.41	−23 10.1	2.427	3.425	3.5	20.9
6 10	15 32.66	−22 42.1	2.459	3.416	6.7	21.1
6 20	15 26.30	−22 15.4	2.517	3.406	9.7	21.3

475802 Zurek 5 20.4 222°.18 0°.4/20.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 13.70	−23 38.4	2.777	3.561	11.4	22.3
4 21	16 9.63	−23 16.9	2.675	3.554	9.0	22.1
5 1	16 3.82	−22 48.3	2.596	3.547	6.3	21.9
5 11	15 56.74	−22 13.1	2.544	3.540	3.2	21.7
5 21	15 49.00	−21 32.9	2.521	3.533	0.4	21.4
5 31	15 41.31	−20 50.1	2.527	3.525	3.4	21.7
6 10	15 34.37	−20 7.9	2.561	3.517	6.5	21.9
6 20	15 28.73	−19 29.3	2.621	3.509	9.4	22.0

501751 2014 UJ_{136} 5 20.4 198°.59 1°.5/21.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 21.61	−23 38.4	1.855	2.648	15.9	22.6
4 21	16 16.91	−23 54.2	1.763	2.646	12.8	22.4
5 1	16 9.41	−24 2.9	1.692	2.643	9.0	22.2
5 11	15 59.72	−24 3.4	1.645	2.640	4.8	21.9
5 21	15 48.82	−23 55.5	1.625	2.635	1.5	21.7
5 31	15 37.90	−23 40.9	1.632	2.631	4.8	21.9
6 10	15 28.20	−23 23.0	1.666	2.626	9.1	22.1
6 20	15 20.64	−23 6.0	1.724	2.620	13.0	22.3

159507 2000 WT_{151} 5 20.4 193°.79 7°.2/16.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 16.82	+ 0 23.5	2.293	3.082	13.3	20.8
4 21	16 12.21	+ 1 13.1	2.213	3.081	11.1	20.7
5 1	16 5.65	+ 1 55.8	2.155	3.078	9.0	20.5
5 11	15 57.67	+ 2 26.9	2.121	3.075	7.4	20.4
5 21	15 48.96	+ 2 42.8	2.114	3.072	7.4	20.4
5 31	15 40.32	+ 2 41.0	2.134	3.068	8.8	20.5
6 10	15 32.57	+ 2 20.8	2.179	3.064	11.0	20.6
6 20	15 26.30	+ 1 43.6	2.246	3.059	13.4	20.8

70871 1999 VS_{156} 5 20.4 312.°87 0.°8/20.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 15.72	−22 42.2	1.833	2.641	15.5	19.6
4 21	16 12.24	−22 44.2	1.743	2.635	12.4	19.3
5 1	16 6.16	−22 38.7	1.673	2.629	8.7	19.1
5 11	15 58.09	−22 25.8	1.627	2.624	4.5	18.8
5 21	15 48.92	−22 6.3	1.607	2.619	0.8	18.6
5 31	15 39.77	−21 42.8	1.614	2.614	4.7	18.8
6 10	15 31.75	−21 18.9	1.647	2.609	9.0	19.1
6 20	15 25.71	−20 58.6	1.703	2.604	12.8	19.3

276121 2002 GK_{80} 5 20.4 81.°90 1.°1/20.9 17

4 11	16 21.12	−22 56.2	1.881	2.675	15.7	21.0
4 21	16 16.05	−23 10.1	1.816	2.700	12.4	20.8
5 1	16 8.46	−23 17.1	1.772	2.725	8.6	20.6
5 11	15 59.07	−23 16.7	1.753	2.749	4.5	20.4
5 21	15 48.87	−23 9.3	1.762	2.773	1.1	20.2
5 31	15 38.99	−22 56.9	1.798	2.797	4.5	20.5
6 10	15 30.46	−22 42.9	1.861	2.820	8.3	20.8
6 20	15 24.00	−22 30.6	1.948	2.843	11.7	21.0

367246 2007 LA_{20} 5 20.4 168.°58 2.°8/18.5 18

4 11	16 16.01	−14 37.6	2.302	3.104	12.9	21.6
4 21	16 11.59	−13 44.8	2.217	3.108	10.2	21.4
5 1	16 5.22	−12 48.3	2.155	3.111	7.1	21.3
5 11	15 57.44	−11 51.0	2.120	3.114	4.0	21.1
5 21	15 48.98	−10 56.5	2.113	3.116	3.0	21.0
5 31	15 40.65	−10 8.8	2.135	3.118	5.5	21.2
6 10	15 33.25	− 9 31.1	2.183	3.119	8.6	21.4
6 20	15 27.38	− 9 5.3	2.256	3.120	11.6	21.5

127532 2002 WH_{9} 5 20.4 340.°46 1.°5/19.0 18

4 11	16 7.32	−13 5.3	4.306	5.098	7.5	20.0
4 21	16 3.96	−12 55.1	4.212	5.098	5.9	19.9
5 1	15 59.60	−12 44.6	4.144	5.098	4.1	19.8
5 11	15 54.56	−12 34.9	4.104	5.097	2.3	19.7
5 21	15 49.17	−12 26.9	4.093	5.097	1.5	19.6
5 31	15 43.80	−12 21.8	4.111	5.097	3.0	19.7
6 10	15 38.85	−12 20.5	4.158	5.097	4.8	19.8
6 20	15 34.61	−12 23.5	4.231	5.097	6.6	20.0

301565 2009 HE_{33} 5 20.4 113.°70 1.°8/19.1 18

4 11	16 14.46	−16 54.5	2.484	3.283	12.2	21.2
4 21	16 10.18	−16 11.3	2.408	3.297	9.5	21.0
5 1	16 4.12	−15 24.0	2.354	3.311	6.5	20.9
5 11	15 56.85	−14 34.9	2.328	3.324	3.4	20.7
5 21	15 49.03	−13 46.8	2.330	3.338	1.9	20.6
5 31	15 41.39	−13 3.1	2.361	3.350	4.5	20.8
6 10	15 34.64	−12 26.7	2.419	3.363	7.5	21.0
6 20	15 29.29	−11 59.5	2.503	3.375	10.3	21.2

356858 2011 WU_{46} 5 20.4 144.°16 1.°6/21.7 18

4 11	16 15.15	−28 33.2	2.774	3.543	11.8	21.0
4 21	16 10.70	−28 5.9	2.683	3.550	9.4	20.8
5 1	16 4.48	−27 28.5	2.615	3.557	6.7	20.6
5 11	15 57.04	−26 41.5	2.574	3.563	3.8	20.5
5 21	15 49.02	−25 46.4	2.561	3.570	1.6	20.3
5 31	15 41.17	−24 46.0	2.578	3.575	3.4	20.5
6 10	15 34.19	−23 44.2	2.623	3.581	6.3	20.6
6 20	15 28.61	−22 45.0	2.695	3.586	9.0	20.8

507063 2008 WW_{39} 5 20.4 223.°92 0.°7/20.1 17

4 11	16 16.83	−19 1.3	2.271	3.068	13.2	22.2
4 21	16 12.51	−18 51.6	2.172	3.060	10.5	22.0
5 1	16 6.04	−18 37.2	2.096	3.052	7.2	21.8
5 11	15 57.95	−18 19.2	2.046	3.044	3.6	21.5
5 21	15 48.96	−17 59.0	2.023	3.035	0.8	21.3
5 31	15 39.97	−17 38.8	2.029	3.026	4.3	21.5
6 10	15 31.87	−17 21.4	2.063	3.016	8.0	21.7
6 20	15 25.36	−17 9.3	2.121	3.006	11.3	21.9

322445 2011 TS_{14} 5 20.4 203.°34 1.°0/19.7 18

4 11	16 14.30	−17 54.6	2.771	3.564	11.2	22.3
4 21	16 10.04	−17 35.8	2.674	3.560	8.8	22.1
5 1	16 4.08	−17 13.3	2.600	3.555	6.1	21.9
5 11	15 56.88	−16 48.4	2.553	3.550	3.0	21.7
5 21	15 49.04	−16 22.7	2.535	3.545	1.1	21.5
5 31	15 41.23	−15 58.3	2.546	3.540	3.8	21.7
6 10	15 34.14	−15 37.6	2.585	3.534	6.8	21.9
6 20	15 28.32	−15 22.4	2.650	3.528	9.6	22.1

497455 2005 YY_{59} 5 20.4 104.°63 1.°4/19.8 17

4 11	16 18.15	−16 58.2	1.929	2.736	14.9	22.4
4 21	16 13.70	−16 49.1	1.854	2.747	11.7	22.2
5 1	16 6.87	−16 36.8	1.800	2.759	8.0	22.0
5 11	15 58.33	−16 22.6	1.772	2.770	4.0	21.8
5 21	15 48.95	−16 8.4	1.770	2.781	1.5	21.7
5 31	15 39.76	−15 56.5	1.796	2.792	5.0	21.9
6 10	15 31.73	−15 49.6	1.849	2.802	8.8	22.2
6 20	15 25.56	−15 49.5	1.925	2.813	12.2	22.4

6637 Inoue 5 20.4 121.°01 0.°6/20.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 18.21	−23 54.4	1.652	2.459	16.9	17.6
4 21	16 14.34	−23 34.5	1.572	2.464	13.5	17.4
5 1	16 7.62	−23 3.7	1.513	2.469	9.4	17.2
5 11	15 58.80	−22 22.7	1.477	2.474	4.8	16.9
5 21	15 48.92	−21 33.9	1.467	2.479	0.6	16.6
5 31	15 39.24	−20 41.5	1.483	2.483	5.0	17.0
6 10	15 30.97	−19 51.4	1.525	2.487	9.6	17.2
6 20	15 24.93	−19 8.5	1.591	2.491	13.6	17.5

316589 2011 UQ_{162} 5 20.4 311.°99 1.°7/19.7 18

4 11	16 15.55	−14 34.2	2.286	3.089	13.0	20.0
4 21	16 11.42	−14 38.5	2.195	3.086	10.2	19.8
5 1	16 5.24	−14 42.3	2.126	3.083	7.1	19.6
5 11	15 57.53	−14 46.7	2.083	3.080	3.7	19.4
5 21	15 49.00	−14 52.9	2.068	3.077	1.8	19.2
5 31	15 40.48	−15 2.2	2.081	3.075	4.6	19.4
6 10	15 32.82	−15 15.8	2.121	3.072	8.0	19.6
6 20	15 26.67	−15 34.8	2.186	3.069	11.1	19.8

274674 2008 TR_{187} 5 20.4 297.°22 5.°9/17.2 16

4 11	16 13.70	− 9 16.2	1.737	2.561	15.5	21.1
4 21	16 10.79	− 8 13.2	1.634	2.534	12.6	20.8
5 1	16 5.31	− 7 7.8	1.551	2.506	9.4	20.6
5 11	15 57.77	− 6 5.1	1.492	2.478	6.5	20.3
5 21	15 48.98	− 5 11.0	1.459	2.450	6.1	20.2
5 31	15 40.00	− 4 31.3	1.450	2.422	8.8	20.3
6 10	15 31.96	− 4 10.3	1.466	2.395	12.6	20.5
6 20	15 25.80	− 4 9.5	1.503	2.367	16.3	20.6

253011 2002 RN_{111} 5 20.4 345.°23 21.°6/24.4 18

4 11	16 31.93	−50 38.2	1.073	1.815	27.9	19.9
4 21	16 31.16	−54 8.9	1.012	1.811	26.0	19.7
5 1	16 23.57	−57 19.1	0.965	1.809	24.1	19.5
5 11	16 8.76	−59 50.1	0.932	1.806	22.5	19.4
5 21	15 48.22	−61 22.5	0.915	1.804	21.7	19.3
5 31	15 26.13	−61 44.8	0.913	1.803	21.8	19.3
6 10	15 7.78	−61 2.5	0.927	1.802	22.9	19.4
6 20	14 56.68	−59 33.6	0.953	1.802	24.6	19.5

278643 2008 RL_{19} 5 20.4 226.°26 0.°7/20.8 17

4 11	16 16.95	−23 37.8	2.110	2.904	14.2	21.3
4 21	16 12.84	−23 27.3	2.013	2.898	11.3	21.1
5 1	16 6.39	−23 8.6	1.938	2.891	7.9	20.9
5 11	15 58.17	−22 41.7	1.888	2.884	4.1	20.7
5 21	15 48.98	−22 8.1	1.865	2.877	0.7	20.4
5 31	15 39.82	−21 30.4	1.870	2.869	4.3	20.6
6 10	15 31.67	−20 52.7	1.902	2.861	8.2	20.9
6 20	15 25.29	−20 18.8	1.959	2.853	11.7	21.1

236673 2006 QC_{3} 5 20.4 251.°83 0.°4/20.7 17

4 11	16 10.67	−22 37.5	3.781	4.559	8.7	21.6
4 21	16 6.83	−22 28.8	3.666	4.542	6.9	21.4
5 1	16 1.72	−22 15.5	3.576	4.526	4.8	21.3
5 11	15 55.68	−21 58.3	3.513	4.509	2.5	21.1
5 21	15 49.14	−21 37.8	3.480	4.492	0.4	20.9
5 31	15 42.57	−21 15.4	3.477	4.475	2.6	21.0
6 10	15 36.49	−20 52.8	3.502	4.457	5.0	21.2
6 20	15 31.29	−20 31.8	3.555	4.439	7.2	21.3

363080 2000 QY_{129} 5 20.4 330.°47 14.°9/ 8.2 16

4 11	16 6.95	+ 5 51.4	1.391	2.221	18.4	19.6
4 21	16 6.19	+ 8 6.7	1.292	2.173	16.6	19.3
5 1	16 2.62	+10 17.9	1.212	2.126	15.2	19.1
5 11	15 56.65	+12 12.3	1.153	2.079	14.9	18.9
5 21	15 49.05	+13 37.2	1.113	2.034	16.1	18.8
5 31	15 41.02	+14 21.4	1.092	1.989	18.5	18.8
6 10	15 33.92	+14 19.6	1.088	1.946	21.5	18.9
6 20	15 28.89	+13 32.3	1.098	1.905	24.6	18.9

67441 2000 QU_{139} 5 20.4 292.°54 6.°2/17.7 18

4 11	16 15.17	− 9 46.5	1.407	2.243	17.9	19.0
4 21	16 12.47	− 8 48.0	1.319	2.226	14.5	18.8
5 1	16 6.73	− 7 47.8	1.250	2.209	10.7	18.5
5 11	15 58.56	− 6 51.7	1.204	2.193	7.2	18.2
5 21	15 48.95	− 6 6.2	1.181	2.176	6.5	18.1
5 31	15 39.24	− 5 37.7	1.182	2.160	9.6	18.3
6 10	15 30.80	− 5 30.0	1.205	2.144	13.8	18.5
6 20	15 24.68	− 5 44.1	1.249	2.128	18.0	18.7

149382 2002 YJ_{10} 5 20.4 104.°53 0.°6/20.8 17

4 11	16 18.84	−23 29.1	1.802	2.603	16.0	20.3
4 21	16 14.49	−23 16.1	1.727	2.615	12.7	20.1
5 1	16 7.54	−22 53.9	1.673	2.628	8.8	19.9
5 11	15 58.70	−22 23.0	1.643	2.640	4.5	19.7
5 21	15 48.96	−21 45.4	1.640	2.652	0.7	19.4
5 31	15 39.47	−21 4.7	1.664	2.663	4.7	19.7
6 10	15 31.31	−20 25.3	1.714	2.675	8.8	20.0
6 20	15 25.22	−19 51.6	1.789	2.686	12.5	20.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
228660 2002 GP_{11}			5 20.4 45°.41	4°.7/19.1 18		
	h m	° ′			°	m
4 11	16 18.41	− 8 40.4	1.492	2.317	17.6	19.4
4 21	16 14.30	− 8 30.7	1.436	2.337	14.0	19.2
5 1	16 7.44	− 8 25.7	1.401	2.358	10.0	19.0
5 11	15 58.64	− 8 28.4	1.388	2.379	6.2	18.9
5 21	15 48.97	− 8 41.1	1.401	2.401	4.8	18.8
5 31	15 39.67	− 9 5.2	1.438	2.423	7.4	19.0
6 10	15 31.85	− 9 40.8	1.501	2.446	11.1	19.3
6 20	15 26.26	−10 26.7	1.585	2.468	14.6	19.6
8105 1994 WH_{2}			5 20.4 141°.22	3°.6/18.8 18		
4 11	16 19.13	−13 56.0	1.588	2.407	17.0	17.7
4 21	16 14.96	−13 15.5	1.514	2.413	13.5	17.5
5 1	16 8.01	−12 31.8	1.460	2.419	9.4	17.3
5 11	15 58.99	−11 48.8	1.430	2.425	5.3	17.0
5 21	15 48.95	−11 10.5	1.425	2.430	3.7	16.9
5 31	15 39.10	−10 41.4	1.447	2.435	7.0	17.2
6 10	15 30.63	−10 24.9	1.494	2.439	11.1	17.4
6 20	15 24.37	−10 22.6	1.562	2.443	14.9	17.6
505865 2015 DM_{78}			5 20.4 222°.19	6°.2/23.2 17		
4 11	16 21.83	−35 21.7	1.972	2.729	16.3	21.7
4 21	16 17.41	−36 11.1	1.878	2.725	13.7	21.5
5 1	16 9.97	−36 47.8	1.803	2.720	10.8	21.3
5 11	16 0.12	−37 7.4	1.752	2.715	8.0	21.1
5 21	15 48.87	−37 7.0	1.725	2.709	6.3	21.0
5 31	15 37.55	−36 46.5	1.725	2.704	7.0	21.1
6 10	15 27.51	−36 10.0	1.751	2.698	9.6	21.2
6 20	15 19.79	−35 23.7	1.800	2.692	12.7	21.4
144082 2004 BP_{51}			5 20.4 281°.51	1°.0/20.9 17		
4 11	16 15.44	−23 50.7	2.086	2.883	14.2	20.1
4 21	16 11.71	−23 50.4	1.991	2.877	11.4	19.9
5 1	16 5.65	−23 42.3	1.917	2.870	8.0	19.7
5 11	15 57.83	−23 26.5	1.868	2.864	4.2	19.4
5 21	15 49.02	−23 3.7	1.846	2.857	1.0	19.2
5 31	15 40.24	−22 36.3	1.851	2.851	4.3	19.4
6 10	15 32.44	−22 7.7	1.883	2.844	8.1	19.6
6 20	15 26.41	−21 41.7	1.940	2.838	11.6	19.8
450791 2007 TM_{259}			5 20.4 213°.05	0°.6/20.9 15		
4 11	16 10.83	−23 44.8	3.981	4.754	8.4	23.7
4 21	16 6.87	−23 40.1	3.875	4.747	6.7	23.5
5 1	16 1.70	−23 30.8	3.793	4.740	4.6	23.4
5 11	15 55.66	−23 17.3	3.739	4.733	2.4	23.2
5 21	15 49.18	−23 0.3	3.714	4.725	0.6	23.0
5 31	15 42.70	−22 40.8	3.719	4.717	2.5	23.2
6 10	15 36.71	−22 20.6	3.754	4.709	4.7	23.3
6 20	15 31.58	−22 1.2	3.815	4.700	6.8	23.5
67969 2000 WO_{191}			5 20.4 54°.04	5°.7/18.0 18		
4 11	16 16.45	−10 10.2	1.422	2.254	17.9	18.5
4 21	16 13.13	− 9 14.9	1.353	2.258	14.3	18.2
5 1	16 6.89	− 8 19.3	1.304	2.263	10.4	18.0
5 11	15 58.49	− 7 29.3	1.277	2.267	6.8	17.8
5 21	15 49.00	− 6 50.3	1.275	2.271	5.9	17.8
5 31	15 39.73	− 6 27.3	1.297	2.276	8.8	17.9
6 10	15 31.89	− 6 23.1	1.342	2.281	12.7	18.2
6 20	15 26.35	− 6 37.6	1.408	2.286	16.4	18.4
37000 2000 TG_{25}			5 20.4 294°.70	0°.8/20.8 18		
4 11	16 15.60	−23 28.5	1.721	2.532	16.2	19.0
4 21	16 12.58	−23 20.8	1.615	2.509	13.1	18.7
5 1	16 6.72	−23 3.3	1.528	2.485	9.3	18.4
5 11	15 58.56	−22 36.0	1.465	2.462	4.8	18.1
5 21	15 48.98	−22 0.0	1.427	2.439	0.8	17.7
5 31	15 39.21	−21 18.4	1.415	2.416	5.2	18.0
6 10	15 30.53	−20 36.4	1.429	2.393	9.9	18.2
6 20	15 23.96	−19 59.0	1.465	2.370	14.3	18.4
235852 2005 AX_{27}			5 20.4 108°.35	2°.7/19.0 17		
4 11	16 15.46	−14 33.0	2.006	2.817	14.2	21.0
4 21	16 11.50	−14 0.5	1.927	2.822	11.2	20.8
5 1	16 5.34	−13 25.3	1.870	2.828	7.8	20.6
5 11	15 57.60	−12 50.1	1.838	2.834	4.3	20.4
5 21	15 49.06	−12 18.0	1.834	2.840	2.8	20.3
5 31	15 40.68	−11 52.2	1.857	2.845	5.6	20.5
6 10	15 33.34	−11 35.5	1.906	2.851	9.1	20.7
6 20	15 27.71	−11 29.5	1.978	2.856	12.4	20.9
242431 2004 NT_{26}			5 20.4 256°.18	10°.3/12.5 17		
4 11	16 13.64	+13 31.5	2.566	3.315	13.1	20.6
4 21	16 9.61	+14 39.9	2.494	3.306	11.8	20.5
5 1	16 3.83	+15 35.1	2.442	3.296	10.8	20.4
5 11	15 56.80	+16 11.6	2.414	3.287	10.4	20.4
5 21	15 49.11	+16 25.5	2.408	3.277	10.6	20.4
5 31	15 41.49	+16 14.6	2.426	3.267	11.5	20.4
6 10	15 34.63	+15 39.3	2.465	3.257	12.9	20.5
6 20	15 29.08	+14 42.0	2.523	3.247	14.3	20.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
172352 2002 VG_{127}			5 20.4 259°.13	0°.4/20.2 17		
	h m	° ′			°	m
4 11	16 14.95	−21 12.5	2.306	3.102	13.0	20.6
4 21	16 11.08	−20 44.5	2.199	3.087	10.4	20.4
5 1	16 5.11	−20 8.9	2.115	3.071	7.2	20.2
5 11	15 57.54	−19 26.9	2.057	3.055	3.6	19.9
5 21	15 49.07	−18 40.7	2.026	3.038	0.5	19.7
5 31	15 40.58	−17 53.5	2.024	3.021	4.3	19.9
6 10	15 32.95	−17 9.3	2.049	3.004	8.0	20.1
6 20	15 26.85	−16 31.5	2.100	2.987	11.4	20.3
379420 2010 AP_{75}			5 20.4 130°.89	0°.9/21.0 17		
4 11	16 17.74	−25 28.0	2.182	2.968	14.0	21.1
4 21	16 13.18	−24 59.5	2.099	2.979	11.2	20.9
5 1	16 6.42	−24 20.8	2.039	2.989	7.8	20.7
5 11	15 58.09	−23 32.7	2.004	2.999	4.1	20.5
5 21	15 49.05	−22 37.3	1.997	3.009	0.9	20.2
5 31	15 40.22	−21 38.5	2.019	3.018	4.0	20.5
6 10	15 32.52	−20 40.8	2.069	3.027	7.7	20.7
6 20	15 26.56	−19 48.7	2.143	3.035	11.0	21.0
497907 2006 VA_{20}			5 20.4 177°.10	0°.2/20.5 17		
4 11	16 19.51	−22 12.6	2.114	2.905	14.3	22.5
4 21	16 14.74	−21 58.3	2.024	2.907	11.3	22.3
5 1	16 7.62	−21 36.5	1.956	2.909	7.9	22.1
5 11	15 58.77	−21 7.9	1.913	2.910	3.9	21.9
5 21	15 49.02	−20 33.8	1.898	2.910	0.3	21.6
5 31	15 39.37	−19 57.4	1.912	2.910	4.3	21.9
6 10	15 30.81	−19 22.4	1.953	2.909	8.2	22.1
6 20	15 24.05	−18 52.4	2.019	2.908	11.7	22.4
414048 2007 RD_{209}			5 20.4 149°.77	3°.1/18.9 16		
4 11	16 20.03	−13 58.5	1.843	2.650	15.4	22.6
4 21	16 15.26	−13 22.0	1.766	2.659	12.2	22.4
5 1	16 8.01	−12 42.9	1.711	2.668	8.5	22.2
5 11	15 58.95	−12 4.2	1.681	2.675	4.8	22.0
5 21	15 49.02	−11 29.4	1.677	2.682	3.3	21.9
5 31	15 39.28	−11 2.0	1.701	2.688	6.2	22.1
6 10	15 30.76	−10 45.2	1.752	2.694	10.0	22.3
6 20	15 24.20	−10 40.5	1.825	2.699	13.4	22.5
505606 2014 DP_{106}			5 20.4 121°.99	3°.6/18.1 17		
4 11	16 14.54	−10 35.1	2.472	3.274	12.1	22.3
4 21	16 10.24	− 9 51.4	2.398	3.287	9.6	22.1
5 1	16 4.21	− 9 7.6	2.347	3.299	6.8	22.0
5 11	15 56.96	− 8 26.8	2.323	3.311	4.3	21.8
5 21	15 49.15	− 7 51.9	2.327	3.322	3.7	21.8
5 31	15 41.51	− 7 25.8	2.359	3.334	5.7	21.9
6 10	15 34.71	− 7 10.3	2.417	3.345	8.3	22.1
6 20	15 29.29	− 7 6.1	2.500	3.355	10.9	22.3
513074 2017 WX_{20}			5 20.4 144°.23	0°.3/20.6 18		
4 11	16 15.98	−22 2.1	2.602	3.388	12.0	22.7
4 21	16 11.47	−21 53.6	2.516	3.397	9.5	22.5
5 1	16 5.11	−21 39.4	2.453	3.405	6.6	22.3
5 11	15 57.44	−21 19.9	2.416	3.412	3.3	22.1
5 21	15 49.13	−20 56.5	2.407	3.419	0.3	21.8
5 31	15 40.93	−20 31.2	2.428	3.426	3.5	22.1
6 10	15 33.58	−20 6.6	2.477	3.432	6.7	22.4
6 20	15 27.64	−19 45.3	2.551	3.438	9.6	22.5
237966 2002 RC_{165}			5 20.4 302°.11	2°.9/18.9 17		
4 11	16 13.53	−14 58.7	1.890	2.708	14.7	20.9
4 21	16 10.33	−14 21.3	1.797	2.697	11.7	20.6
5 1	16 4.78	−13 39.9	1.726	2.686	8.1	20.4
5 11	15 57.44	−12 57.4	1.679	2.675	4.5	20.2
5 21	15 49.12	−12 17.3	1.659	2.665	3.0	20.0
5 31	15 40.80	−11 43.6	1.665	2.654	6.0	20.2
6 10	15 33.48	−11 19.9	1.697	2.644	9.9	20.4
6 20	15 27.93	−11 8.5	1.751	2.634	13.4	20.6
235331 2003 UM_{198}			5 20.4 211°.12	4°.8/17.3 18		
4 11	16 14.23	− 9 8.6	2.192	3.001	13.3	20.8
4 21	16 10.37	− 8 7.5	2.106	2.997	10.6	20.6
5 1	16 4.51	− 7 5.8	2.043	2.994	7.8	20.4
5 11	15 57.20	− 6 7.9	2.006	2.990	5.4	20.2
5 21	15 49.14	− 5 17.9	1.996	2.986	5.0	20.2
5 31	15 41.16	− 4 39.9	2.014	2.982	7.1	20.3
6 10	15 34.07	− 4 16.5	2.057	2.977	10.0	20.5
6 20	15 28.49	− 4 8.7	2.123	2.972	12.8	20.7
18928 Pontremoli			5 20.4 238°.01	4°.3/23.1 18		
4 11	16 17.36	−34 12.4	2.503	3.255	13.3	18.8
4 21	16 13.08	−34 31.2	2.400	3.247	11.1	18.6
5 1	16 6.54	−34 38.4	2.318	3.239	8.6	18.5
5 11	15 58.28	−34 31.8	2.261	3.230	6.0	18.3
5 21	15 49.08	−34 10.7	2.230	3.221	4.4	18.2
5 31	15 39.87	−33 36.2	2.227	3.212	5.1	18.2
6 10	15 31.61	−32 51.8	2.252	3.203	7.5	18.3
6 20	15 25.04	−32 2.1	2.301	3.194	10.3	18.5

29693 1998 *YC* 5 20.4 198.°77 1.°4/21.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 20.60	−25 5.0	1.645	2.446	17.3	18.6
4 21	16 16.46	−24 59.3	1.557	2.444	13.9	18.4
5 1	16 9.29	−24 42.6	1.489	2.442	9.8	18.1
5 11	15 59.78	−24 14.2	1.444	2.439	5.3	17.9
5 21	15 48.99	−23 35.3	1.425	2.436	1.4	17.6
5 31	15 38.28	−22 49.5	1.433	2.432	5.2	17.8
6 10	15 28.98	−22 2.3	1.466	2.428	9.8	18.1
6 20	15 22.04	−21 19.5	1.522	2.424	14.0	18.3

100465 1996 TM_{16} 5 20.4 287.°39 0.°9/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 14.23	−20 18.7	2.128	2.932	13.7	20.7
4 21	16 10.79	−19 45.9	2.016	2.908	11.0	20.4
5 1	16 5.09	−19 5.1	1.926	2.884	7.6	20.2
5 11	15 57.63	−18 17.7	1.861	2.859	3.8	19.9
5 21	15 49.12	−17 26.3	1.823	2.834	1.0	19.6
5 31	15 40.52	−16 34.6	1.813	2.809	4.8	19.8
6 10	15 32.77	−15 47.0	1.830	2.784	8.8	20.0
6 20	15 26.66	−15 7.6	1.871	2.759	12.5	20.2

523521 2017 OA_{43} 5 20.4 194.°19 1.°2/21.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 18.73	−25 31.8	1.976	2.767	15.1	21.7
4 21	16 14.41	−25 16.8	1.884	2.766	12.1	21.5
5 1	16 7.56	−24 51.2	1.813	2.764	8.6	21.3
5 11	15 58.81	−24 15.0	1.767	2.762	4.6	21.0
5 21	15 49.06	−23 29.7	1.748	2.759	1.2	20.8
5 31	15 39.41	−22 38.7	1.757	2.756	4.5	21.0
6 10	15 30.93	−21 47.0	1.792	2.752	8.5	21.3
6 20	15 24.40	−20 59.4	1.852	2.748	12.2	21.5

167834 2005 CJ_{47} 5 20.4 92.°15 4.°8/23.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 19.20	−33 48.5	2.057	2.821	15.5	20.4
4 21	16 14.86	−34 13.8	1.976	2.831	12.8	20.2
5 1	16 7.89	−34 25.7	1.916	2.841	9.8	20.0
5 11	15 58.96	−34 21.7	1.878	2.850	6.8	19.9
5 21	15 49.05	−34 1.0	1.867	2.860	4.9	19.8
5 31	15 39.31	−33 25.4	1.882	2.869	5.7	19.8
6 10	15 30.85	−32 39.3	1.924	2.879	8.4	20.0
6 20	15 24.46	−31 48.4	1.990	2.888	11.4	20.2

126166 2002 AM_4 5 20.4 153.°59 8.°6/28.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 30.10	−50 31.7	2.413	3.067	16.0	19.9
4 21	16 23.47	−50 38.6	2.322	3.075	14.3	19.8
5 1	16 13.71	−50 23.2	2.248	3.082	12.3	19.6
5 11	16 1.75	−49 40.6	2.195	3.089	10.3	19.5
5 21	15 48.90	−48 28.7	2.167	3.095	8.9	19.4
5 31	15 36.63	−46 49.7	2.165	3.101	8.6	19.4
6 10	15 26.21	−44 50.2	2.191	3.106	9.7	19.5
6 20	15 18.43	−42 39.3	2.243	3.111	11.5	19.6

180449 2004 BG_{128} 5 20.4 0.°82 2.°0/19.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 13.02	−17 27.3	1.244	2.089	19.2	20.1
4 21	16 11.08	−17 9.8	1.172	2.087	15.3	19.9
5 1	16 5.89	−16 46.4	1.118	2.086	10.5	19.6
5 11	15 58.17	−16 19.8	1.086	2.086	5.3	19.3
5 21	15 49.10	−15 53.5	1.076	2.087	2.1	19.1
5 31	15 40.15	−15 31.9	1.090	2.088	6.7	19.4
6 10	15 32.77	−15 19.4	1.126	2.091	11.8	19.7
6 20	15 27.96	−15 18.7	1.183	2.095	16.4	20.0

2558 Viv 5 20.5 286.°31 1.°1/20.8 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 19.19	−21 41.4	1.404	2.225	18.7	17.0
4 21	16 16.17	−22 2.4	1.307	2.207	15.1	16.7
5 1	16 9.68	−22 17.5	1.229	2.189	10.7	16.4
5 11	16 0.27	−22 25.6	1.173	2.171	5.6	16.1
5 21	15 48.98	−22 26.1	1.141	2.153	1.1	15.7
5 31	15 37.36	−22 20.5	1.134	2.134	6.0	16.0
6 10	15 27.09	−22 12.4	1.150	2.116	11.5	16.2
6 20	15 19.48	−22 6.5	1.188	2.098	16.4	16.5

87115 2000 LR_{28} 5 20.5 277.°53 3.°2/18.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 16.67	−13 38.3	1.890	2.703	14.9	19.5
4 21	16 12.99	−13 9.7	1.783	2.679	11.9	19.2
5 1	16 6.79	−12 38.3	1.697	2.655	8.4	19.0
5 11	15 58.56	−12 6.8	1.635	2.630	4.8	18.7
5 21	15 49.09	−11 38.4	1.600	2.605	3.3	18.5
5 31	15 39.43	−11 16.7	1.591	2.580	6.4	18.7
6 10	15 30.69	−11 5.1	1.609	2.554	10.5	18.8
6 20	15 23.77	−11 5.5	1.649	2.528	14.3	19.0

463671 2014 OJ_2 5 20.5 274.°66 5.°4/18.0 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 18.34	−11 3.0	1.512	2.336	17.4	22.1
4 21	16 15.01	−10 11.2	1.409	2.311	14.1	21.8
5 1	16 8.60	− 9 16.0	1.326	2.284	10.3	21.5
5 11	15 59.63	− 8 22.2	1.266	2.257	6.6	21.2
5 21	15 49.03	− 7 35.6	1.231	2.230	5.7	21.0
5 31	15 38.11	− 7 2.3	1.221	2.202	9.0	21.2
6 10	15 28.31	− 6 47.1	1.234	2.173	13.5	21.3
6 20	15 20.77	− 6 51.9	1.268	2.145	17.9	21.5

219781 2002 AA_{25} 5 20.5 206.°95 1.°3/19.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 17.78	−17 50.4	2.458	3.249	12.5	21.6
4 21	16 13.05	−17 23.0	2.357	3.242	9.9	21.4
5 1	16 6.33	−16 50.9	2.280	3.235	6.8	21.1
5 11	15 58.13	−16 15.6	2.230	3.227	3.5	20.9
5 21	15 49.14	−15 39.2	2.208	3.218	1.4	20.8
5 31	15 40.17	−15 4.6	2.216	3.209	4.4	20.9
6 10	15 32.03	−14 34.9	2.251	3.198	7.8	21.1
6 20	15 25.38	−14 12.4	2.312	3.187	10.9	21.3

476345 2008 AV_{105} 5 20.5 142.°15 6.°2/17.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 16.39	− 0 15.0	2.491	3.277	12.5	21.7
4 21	16 11.70	+ 0 12.8	2.415	3.283	10.3	21.6
5 1	16 5.24	+ 0 33.6	2.363	3.289	8.1	21.4
5 11	15 57.52	+ 0 43.8	2.335	3.295	6.5	21.3
5 21	15 49.18	+ 0 40.9	2.335	3.300	6.3	21.3
5 31	15 40.97	+ 0 23.6	2.362	3.305	7.6	21.4
6 10	15 33.59	− 0 8.4	2.415	3.310	9.7	21.5
6 20	15 27.57	− 0 53.5	2.491	3.315	11.9	21.7

277513 2005 WT_{184} 5 20.5 40.°87 5.°0/17.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 15.06	−10 29.9	1.719	2.541	15.8	20.7
4 21	16 11.58	− 9 35.4	1.643	2.543	12.6	20.5
5 1	16 5.62	− 8 40.2	1.588	2.544	9.0	20.2
5 11	15 57.85	− 7 48.9	1.556	2.546	5.9	20.1
5 21	15 49.16	− 7 6.4	1.551	2.547	5.2	20.0
5 31	15 40.61	− 6 37.1	1.571	2.549	7.7	20.2
6 10	15 33.23	− 6 23.8	1.616	2.550	11.2	20.4
6 20	15 27.76	− 6 27.2	1.683	2.552	14.6	20.6

173776 2001 SE_{19} 5 20.5 211.°32 1.°1/19.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 15.12	−17 36.3	2.686	3.479	11.5	21.0
4 21	16 10.79	−17 18.7	2.587	3.473	9.1	20.8
5 1	16 4.70	−16 57.5	2.511	3.466	6.2	20.6
5 11	15 57.30	−16 34.0	2.462	3.460	3.1	20.4
5 21	15 49.20	−16 9.8	2.442	3.452	1.2	20.2
5 31	15 41.12	−15 47.1	2.451	3.444	4.0	20.4
6 10	15 33.77	−15 28.3	2.487	3.436	7.1	20.6
6 20	15 27.73	−15 15.1	2.550	3.428	9.9	20.8

117193 2004 RY_{151} 5 20.5 281.°36 1.°8/19.7 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 17.60	−15 50.6	1.921	2.729	14.9	19.9
4 21	16 13.78	−15 43.0	1.810	2.704	11.9	19.7
5 1	16 7.39	−15 32.8	1.720	2.678	8.3	19.4
5 11	15 58.90	−15 21.4	1.655	2.652	4.3	19.1
5 21	15 49.09	−15 10.7	1.616	2.626	1.9	18.9
5 31	15 39.04	−15 3.0	1.605	2.599	5.6	19.0
6 10	15 29.87	−15 1.1	1.619	2.572	9.9	19.2
6 20	15 22.53	−15 7.2	1.658	2.545	13.8	19.4

455294 2002 CM_{262} 5 20.5 39.°10 4.°7/22.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 19.08	−30 53.2	1.383	2.187	19.8	20.9
4 21	16 15.98	−31 14.9	1.308	2.191	16.3	20.7
5 1	16 9.33	−31 20.6	1.250	2.195	12.1	20.4
5 11	15 59.91	−31 7.2	1.213	2.199	7.8	20.2
5 21	15 49.04	−30 33.8	1.200	2.203	4.8	20.0
5 31	15 38.36	−29 43.7	1.211	2.208	6.6	20.1
6 10	15 29.46	−28 44.0	1.246	2.213	10.8	20.4
6 20	15 23.40	−27 43.2	1.303	2.218	15.0	20.6

107192 2001 BZ_{28} 5 20.5 56.°81 1.°5/19.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 17.91	−18 11.8	1.390	2.218	18.5	20.0
4 21	16 14.42	−17 53.4	1.325	2.230	14.6	19.8
5 1	16 7.85	−17 29.1	1.279	2.242	10.0	19.5
5 11	15 59.02	−17 1.1	1.256	2.255	5.0	19.3
5 21	15 49.10	−16 32.4	1.257	2.268	1.6	19.1
5 31	15 39.49	−16 7.0	1.283	2.281	6.1	19.4
6 10	15 31.47	−15 49.2	1.334	2.294	10.8	19.7
6 20	15 25.91	−15 41.6	1.406	2.307	15.0	20.0

150553 2000 SM_{196} 5 20.5 355.°87 6.°0/17.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 10.60	−11 14.0	1.335	2.183	18.0	19.3
4 21	16 8.80	−10 3.6	1.264	2.178	14.4	19.0
5 1	16 4.10	− 8 50.3	1.212	2.175	10.4	18.8
5 11	15 57.23	− 7 40.8	1.181	2.173	6.9	18.6
5 21	15 49.21	− 6 42.1	1.174	2.172	6.2	18.5
5 31	15 41.33	− 6 0.9	1.191	2.171	9.2	18.7
6 10	15 34.82	− 5 41.2	1.230	2.172	13.3	18.9
6 20	15 30.56	− 5 43.7	1.288	2.174	17.1	19.1

507964 2015 BU_{64} 5 20.5 191.°84 1.°0/20.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 20.72	−22 52.4	2.105	2.893	14.4	22.1
4 21	16 15.85	−23 3.8	2.011	2.892	11.5	21.9
5 1	16 8.53	−23 9.0	1.939	2.890	8.1	21.7
5 11	15 59.33	−23 7.4	1.892	2.888	4.2	21.5
5 21	15 49.10	−22 59.3	1.873	2.885	1.0	21.2
5 31	15 38.87	−22 46.1	1.882	2.881	4.3	21.5
6 10	15 29.70	−22 30.8	1.919	2.877	8.2	21.7
6 20	15 22.37	−22 16.8	1.980	2.872	11.7	21.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
35183 1993 UY_2			5 20.5 274°.05		1°.6/21.0 18	
	h m	° ′			°	m
4 11	16 20.33	−22 42.5	2.498	3.276	12.7	18.0
4 21	16 15.38	−23 27.6	2.385	3.259	10.2	17.8
5 1	16 8.19	−24 10.2	2.296	3.242	7.3	17.6
5 11	15 59.21	−24 48.6	2.233	3.226	4.0	17.4
5 21	15 49.10	−25 21.5	2.199	3.209	1.6	17.2
5 31	15 38.77	−25 48.2	2.195	3.192	4.0	17.3
6 10	15 29.15	−26 9.8	2.219	3.174	7.4	17.5
6 20	15 21.06	−26 28.0	2.270	3.157	10.6	17.6
51401 2001 DX_{82}			5 20.5 316°.59		1°.8/21.1 16	
4 11	16 18.63	−23 48.3	1.240	2.068	20.3	20.0
4 21	16 15.93	−24 2.5	1.160	2.063	16.4	19.7
5 1	16 9.54	−24 6.5	1.099	2.059	11.6	19.4
5 11	16 0.16	−23 59.2	1.058	2.055	6.2	19.1
5 21	15 49.05	−23 40.5	1.040	2.051	1.8	18.8
5 31	15 37.94	−23 13.4	1.046	2.047	6.2	19.0
6 10	15 28.56	−22 43.8	1.075	2.044	11.7	19.3
6 20	15 22.12	−22 18.0	1.124	2.040	16.7	19.6
303218 2004 KX			5 20.5 352°.09		2°.6/22.2 17	
4 11	16 13.48	−30 30.3	1.891	2.682	15.7	20.1
4 21	16 10.49	−30 4.1	1.800	2.678	12.8	19.9
5 1	16 4.96	−29 22.2	1.730	2.676	9.3	19.6
5 11	15 57.56	−28 24.4	1.684	2.673	5.5	19.4
5 21	15 49.21	−27 12.7	1.664	2.671	2.7	19.2
5 31	15 41.03	−25 51.7	1.671	2.670	4.7	19.3
6 10	15 34.06	−24 28.0	1.704	2.669	8.5	19.6
6 20	15 29.06	−23 8.2	1.761	2.669	12.1	19.8
235318 2003 UD_{171}			5 20.5 176°.01		1°.0/21.1 17	
4 11	16 16.92	−24 21.9	2.242	3.030	13.6	21.1
4 21	16 12.66	−24 16.9	2.151	3.031	10.9	21.0
5 1	16 6.20	−24 4.0	2.082	3.032	7.6	20.7
5 11	15 58.11	−23 43.1	2.038	3.033	4.0	20.5
5 21	15 49.18	−23 15.4	2.022	3.033	1.0	20.3
5 31	15 40.34	−22 43.3	2.035	3.033	4.0	20.5
6 10	15 32.48	−22 10.1	2.074	3.033	7.6	20.7
6 20	15 26.30	−21 39.5	2.139	3.033	10.9	20.9
215848 2005 EA_6			5 20.5 15°.93		1°.5/20.9 17	
4 11	16 16.46	−22 48.2	1.259	2.091	19.8	19.9
4 21	16 13.94	−23 7.8	1.188	2.094	15.9	19.6
5 1	16 7.96	−23 19.0	1.136	2.098	11.1	19.4
5 11	15 59.26	−23 20.7	1.104	2.102	5.9	19.1
5 21	15 49.11	−23 13.3	1.096	2.107	1.5	18.8
5 31	15 39.11	−22 59.2	1.112	2.113	5.9	19.1
6 10	15 30.81	−22 43.3	1.150	2.120	11.1	19.4
6 20	15 25.28	−22 30.3	1.209	2.127	15.7	19.7
278659 2008 RT_{64}			5 20.5 253°.46		2°.7/19.1 18	
4 11	16 15.95	−14 37.7	1.970	2.781	14.4	21.4
4 21	16 12.15	−14 8.9	1.876	2.771	11.5	21.2
5 1	16 6.01	−13 37.0	1.804	2.762	8.0	20.9
5 11	15 58.09	−13 4.6	1.756	2.752	4.4	20.7
5 21	15 49.19	−12 34.6	1.736	2.742	2.8	20.6
5 31	15 40.28	−12 10.4	1.742	2.732	5.8	20.7
6 10	15 32.35	−11 55.0	1.775	2.722	9.6	21.0
6 20	15 26.17	−11 50.4	1.831	2.711	13.1	21.1
432448 2010 CS_{62}			5 20.5 139°.05		2°.3/19.1 18	
4 11	16 16.98	−14 31.1	2.378	3.175	12.7	21.8
4 21	16 12.31	−14 3.1	2.299	3.187	10.0	21.7
5 1	16 5.72	−13 33.1	2.243	3.198	6.9	21.5
5 11	15 57.79	−13 3.1	2.213	3.208	3.7	21.3
5 21	15 49.21	−12 35.4	2.212	3.218	2.4	21.2
5 31	15 40.79	−12 12.8	2.239	3.227	4.9	21.4
6 10	15 33.29	−11 57.4	2.294	3.236	8.0	21.6
6 20	15 27.28	−11 50.6	2.374	3.244	10.8	21.8
346183 2007 WE_{42}			5 20.5 226°.06		1°.2/19.9 18	
4 11	16 16.83	−16 24.6	2.360	3.157	12.8	21.0
4 21	16 12.45	−16 24.0	2.263	3.151	10.1	20.8
5 1	16 6.01	−16 21.4	2.189	3.145	7.0	20.6
5 11	15 58.03	−16 17.7	2.141	3.138	3.5	20.4
5 21	15 49.20	−16 14.1	2.120	3.131	1.3	20.2
5 31	15 40.35	−16 12.2	2.129	3.123	4.4	20.4
6 10	15 32.32	−16 13.7	2.165	3.116	7.8	20.6
6 20	15 25.80	−16 20.4	2.225	3.108	11.0	20.8
424014 2006 WU_{129}			5 20.5 227°.43		2°.8/21.9 17	
4 11	16 19.89	−28 30.3	1.910	2.694	15.8	21.9
4 21	16 15.67	−28 34.6	1.812	2.686	12.9	21.7
5 1	16 8.66	−28 27.2	1.734	2.677	9.4	21.5
5 11	15 59.50	−28 6.4	1.680	2.668	5.6	21.2
5 21	15 49.12	−27 32.4	1.652	2.659	2.8	21.0
5 31	15 38.72	−26 47.6	1.651	2.649	5.0	21.1
6 10	15 29.53	−25 56.9	1.677	2.638	8.9	21.3
6 20	15 22.45	−25 6.2	1.728	2.628	12.7	21.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
189119 2001 VZ_{91}			5 20.5 229°.45		4°.4/17.7 18	
	h m	° ′			°	m
4 11	16 17.15	− 9 22.4	2.302	3.101	13.0	21.9
4 21	16 12.70	− 8 32.6	2.202	3.088	10.4	21.7
5 1	16 6.19	− 7 42.1	2.125	3.073	7.6	21.5
5 11	15 58.13	− 6 54.5	2.074	3.058	5.1	21.3
5 21	15 49.20	− 6 13.5	2.051	3.043	4.6	21.3
5 31	15 40.25	− 5 42.8	2.056	3.026	6.7	21.4
6 10	15 32.11	− 5 25.0	2.087	3.009	9.7	21.5
6 20	15 25.46	− 5 21.3	2.142	2.991	12.7	21.7
244646 2003 FM_{88}			5 20.5 345°.30		4°.0/19.2 17	
4 11	16 13.72	−13 45.9	1.139	1.991	20.2	19.7
4 21	16 11.97	−13 20.9	1.066	1.984	16.1	19.4
5 1	16 6.73	−12 53.6	1.010	1.978	11.3	19.1
5 11	15 58.73	−12 28.1	0.975	1.973	6.3	18.8
5 21	15 49.16	−12 9.0	0.961	1.969	4.1	18.7
5 31	15 39.62	−12 0.8	0.971	1.965	8.2	18.9
6 10	15 31.72	−12 7.1	1.001	1.963	13.4	19.1
6 20	15 26.56	−12 29.0	1.051	1.961	18.1	19.4
420748 2012 UM_{140}			5 20.5 297°.96		2°.2/17.8 15	
4 11	16 6.85	−12 18.0	4.239	5.033	7.6	21.0
4 21	16 3.64	−11 26.9	4.142	5.028	6.0	20.9
5 1	15 59.46	−10 34.3	4.071	5.023	4.2	20.7
5 11	15 54.60	− 9 42.4	4.029	5.017	2.6	20.6
5 21	15 49.41	− 8 52.9	4.016	5.012	2.3	20.6
5 31	15 44.26	− 8 8.0	4.033	5.007	3.6	20.7
6 10	15 39.52	− 7 29.4	4.078	5.002	5.4	20.8
6 20	15 35.50	− 6 58.2	4.150	4.997	7.1	20.9
216451 Irsha			5 20.5 38°.63		5°.5/18.6 17	
4 11	16 16.00	−10 54.5	1.197	2.043	19.8	19.9
4 21	16 13.16	−10 10.9	1.143	2.056	15.8	19.7
5 1	16 7.09	− 9 28.1	1.106	2.069	11.2	19.5
5 11	15 58.68	− 8 51.7	1.090	2.084	6.9	19.3
5 21	15 49.18	− 8 27.1	1.098	2.099	5.6	19.3
5 31	15 40.06	− 8 18.2	1.129	2.115	8.8	19.5
6 10	15 32.66	− 8 27.2	1.182	2.131	13.0	19.8
6 20	15 27.83	− 8 53.4	1.254	2.148	17.0	20.1
135145 2001 QA_{211}			5 20.5 171°.80		3°.4/18.1 18	
4 11	16 13.92	−11 32.1	2.504	3.306	12.0	19.9
4 21	16 9.86	−10 43.9	2.419	3.308	9.5	19.7
5 1	16 4.04	− 9 54.5	2.357	3.310	6.7	19.6
5 11	15 56.97	− 9 6.9	2.322	3.311	4.2	19.4
5 21	15 49.28	− 8 24.3	2.315	3.312	3.6	19.4
5 31	15 41.69	− 7 49.8	2.337	3.313	5.6	19.5
6 10	15 34.90	− 7 25.8	2.385	3.314	8.4	19.7
6 20	15 29.44	− 7 13.5	2.458	3.314	11.0	19.8
472512 2015 CM_{35}			5 20.5 103°.20		2°.9/19.3 16	
4 11	16 19.42	−12 48.0	1.877	2.684	15.2	21.3
4 21	16 14.72	−12 34.9	1.806	2.699	12.0	21.1
5 1	16 7.62	−12 21.8	1.756	2.713	8.3	20.9
5 11	15 58.81	−12 10.7	1.732	2.727	4.6	20.7
5 21	15 49.18	−12 4.0	1.735	2.740	3.0	20.6
5 31	15 39.76	−12 3.6	1.765	2.754	5.8	20.8
6 10	15 31.54	−12 11.4	1.821	2.767	9.4	21.0
6 20	15 25.22	−12 28.1	1.901	2.779	12.8	21.3
302379 2002 CT_{50}			5 20.5 104°.36		5°.9/16.7 18	
4 11	16 13.02	− 3 4.9	2.413	3.214	12.4	21.0
4 21	16 9.16	− 2 13.1	2.341	3.220	10.2	20.8
5 1	16 3.55	− 1 25.9	2.290	3.226	7.9	20.7
5 11	15 56.72	− 0 47.2	2.266	3.232	6.2	20.6
5 21	15 49.30	− 0 20.6	2.268	3.238	6.1	20.6
5 31	15 42.00	− 0 8.5	2.297	3.244	7.6	20.7
6 10	15 35.52	− 0 11.9	2.351	3.250	9.8	20.9
6 20	15 30.38	− 0 30.4	2.428	3.256	12.0	21.0
304732 2006 XF_{37}			5 20.5 196°.19		3°.9/18.2 18	
4 11	16 14.35	− 7 50.9	2.606	3.404	11.7	20.9
4 21	16 10.15	− 7 27.3	2.518	3.403	9.4	20.7
5 1	16 4.24	− 7 5.8	2.454	3.401	6.8	20.5
5 11	15 57.08	− 6 49.1	2.415	3.399	4.6	20.4
5 21	15 49.28	− 6 39.4	2.405	3.397	4.0	20.3
5 31	15 41.53	− 6 38.5	2.423	3.395	5.7	20.4
6 10	15 34.52	− 6 47.7	2.467	3.393	8.3	20.6
6 20	15 28.78	− 7 7.0	2.537	3.390	10.8	20.8
121309 1999 RG_{209}			5 20.5 239°.80		2°.9/22.4 18	
4 11	16 16.25	−30 57.4	2.928	3.684	11.5	21.3
4 21	16 11.82	−31 6.8	2.815	3.670	9.4	21.1
5 1	16 5.51	−31 7.1	2.726	3.655	7.1	20.9
5 11	15 57.77	−30 57.3	2.661	3.641	4.6	20.7
5 21	15 49.24	−30 37.2	2.625	3.625	2.9	20.6
5 31	15 40.66	−30 7.8	2.618	3.610	4.0	20.6
6 10	15 32.82	−29 31.9	2.639	3.594	6.5	20.8
6 20	15 26.32	−28 53.0	2.687	3.577	9.1	20.9

49833 1999 XB_{84} 5 20.5 182°.13 1°.9/19.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 19.51	−16 20.8	2.024	2.825	14.5	20.3
4 21	16 14.82	−16 0.0	1.936	2.826	11.5	20.1
5 1	16 7.76	−15 35.6	1.870	2.826	7.9	19.9
5 11	15 58.94	−15 9.3	1.829	2.826	4.1	19.6
5 21	15 49.20	−14 43.6	1.816	2.825	2.0	19.5
5 31	15 39.53	−14 21.2	1.831	2.824	5.2	19.7
6 10	15 30.93	−14 5.2	1.873	2.822	9.0	19.9
6 20	15 24.14	−13 57.7	1.939	2.819	12.5	20.1

98420 2000 UN_{24} 5 20.5 197°.91 2°.6/19.2 17

4 11	16 19.23	−15 48.6	1.846	2.654	15.4	20.7
4 21	16 14.85	−15 11.7	1.757	2.651	12.2	20.5
5 1	16 7.92	−14 30.1	1.690	2.648	8.5	20.2
5 11	15 59.07	−13 46.5	1.648	2.645	4.5	20.0
5 21	15 49.20	−13 4.4	1.633	2.640	2.7	19.9
5 31	15 39.39	−12 27.8	1.645	2.635	6.0	20.1
6 10	15 30.73	−12 0.5	1.684	2.630	10.0	20.3
6 20	15 24.03	−11 45.2	1.745	2.624	13.7	20.5

193501 2000 YL_{23} 5 20.5 187°.76 1°.2/21.7 18

4 11	16 10.77	−27 15.2	4.388	5.147	7.9	22.0
4 21	16 6.74	−27 9.3	4.285	5.146	6.3	21.9
5 1	16 1.61	−26 58.1	4.206	5.145	4.5	21.8
5 11	15 55.70	−26 41.5	4.155	5.143	2.6	21.6
5 21	15 49.40	−26 20.1	4.133	5.141	1.2	21.5
5 31	15 43.13	−25 55.1	4.142	5.138	2.3	21.6
6 10	15 37.33	−25 28.1	4.180	5.135	4.3	21.7
6 20	15 32.34	−25 0.7	4.246	5.132	6.1	21.9

54667 2000 WJ_{36} 5 20.5 3°.94 6°.4/18.0 18

4 11	16 15.29	− 8 54.0	1.329	2.168	18.6	18.6
4 21	16 12.52	− 8 2.7	1.259	2.167	15.0	18.3
5 1	16 6.70	− 7 12.9	1.208	2.167	11.0	18.1
5 11	15 58.58	− 6 30.5	1.179	2.168	7.4	17.9
5 21	15 49.24	− 6 1.4	1.173	2.168	6.6	17.8
5 31	15 40.05	− 5 50.2	1.191	2.170	9.4	18.0
6 10	15 32.32	− 5 59.3	1.231	2.172	13.4	18.2
6 20	15 26.98	− 6 28.0	1.291	2.174	17.3	18.5

261251 2005 UW_{80} 5 20.5 209°.09 3°.2/18.2 18

4 11	16 13.89	− 8 27.1	3.189	3.978	10.0	21.5
4 21	16 9.49	− 8 4.0	3.091	3.971	7.9	21.3
5 1	16 3.65	− 7 42.3	3.018	3.964	5.8	21.1
5 11	15 56.77	− 7 23.9	2.972	3.956	3.8	21.0
5 21	15 49.35	− 7 10.7	2.955	3.948	3.3	21.0
5 31	15 41.93	− 7 4.5	2.967	3.939	4.9	21.1
6 10	15 35.09	− 7 6.3	3.008	3.930	7.1	21.2
6 20	15 29.29	− 7 16.7	3.074	3.920	9.3	21.3

40398 1999 NL_{57} 5 20.5 274°.99 9°.1/15.1 18

4 11	16 16.77	− 2 20.8	1.691	2.505	16.3	18.8
4 21	16 13.32	− 0 51.3	1.593	2.478	13.7	18.6
5 1	16 7.18	+ 0 36.8	1.515	2.451	11.1	18.3
5 11	15 58.87	+ 1 55.5	1.461	2.423	9.3	18.2
5 21	15 49.22	+ 2 56.9	1.431	2.395	9.6	18.1
5 31	15 39.36	+ 3 34.3	1.426	2.366	11.8	18.2
6 10	15 30.48	+ 3 43.9	1.443	2.337	15.0	18.3
6 20	15 23.54	+ 3 25.9	1.480	2.308	18.4	18.4

250327 2003 SH_{75} 5 20.5 257°.89 5°.5/22.5 17

4 11	16 22.32	−32 8.8	1.735	2.512	17.4	21.4
4 21	16 18.33	−32 52.8	1.632	2.496	14.6	21.2
5 1	16 11.02	−33 25.3	1.548	2.480	11.2	20.9
5 11	16 0.93	−33 41.8	1.487	2.463	7.8	20.7
5 21	15 49.10	−33 39.0	1.450	2.446	5.5	20.5
5 31	15 36.98	−33 16.8	1.439	2.428	6.9	20.5
6 10	15 26.15	−32 39.2	1.454	2.410	10.5	20.7
6 20	15 17.84	−31 53.2	1.491	2.392	14.3	20.9

174211 2002 QH_{92} 5 20.5 302°.39 2°.7/19.5 17

4 11	16 15.81	−15 19.0	1.439	2.271	17.8	20.3
4 21	16 13.23	−15 4.2	1.341	2.248	14.3	20.0
5 1	16 7.51	−14 45.9	1.261	2.225	10.1	19.7
5 11	15 59.18	−14 26.8	1.204	2.202	5.4	19.4
5 21	15 49.19	−14 9.7	1.170	2.180	2.8	19.1
5 31	15 38.92	−13 58.4	1.162	2.157	7.0	19.3
6 10	15 29.83	−13 56.6	1.177	2.135	12.1	19.5
6 20	15 23.10	−14 6.9	1.212	2.114	16.8	19.7

513674 2011 WY_{72} 5 20.5 225°.94 1°.1/21.3 18

4 11	16 15.41	−25 50.3	3.075	3.845	10.7	23.2
4 21	16 10.92	−25 35.0	2.963	3.832	8.6	23.1
5 1	16 4.76	−25 12.2	2.875	3.819	6.1	22.9
5 11	15 57.37	−24 42.0	2.813	3.806	3.3	22.7
5 21	15 49.32	−24 5.3	2.781	3.791	1.1	22.5
5 31	15 41.27	−23 24.1	2.779	3.777	3.2	22.6
6 10	15 33.90	−22 41.4	2.805	3.761	6.0	22.8
6 20	15 27.74	−22 0.1	2.859	3.746	8.7	22.9

230874 2004 RM_{210} 5 20.5 236°.27 5°.4/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 20.28	−36 42.2	2.139	2.888	15.4	21.2
4 21	16 15.93	−36 56.2	2.036	2.878	13.0	21.0
5 1	16 8.83	−36 54.7	1.953	2.868	10.2	20.8
5 11	15 59.60	−36 34.6	1.893	2.857	7.4	20.6
5 21	15 49.19	−35 54.6	1.859	2.846	5.5	20.5
5 31	15 38.81	−34 56.4	1.852	2.835	6.2	20.5
6 10	15 29.65	−33 45.1	1.871	2.823	8.8	20.6
6 20	15 22.59	−32 27.5	1.915	2.811	11.9	20.8

250801 2005 UD_2 5 20.5 248°.41 1°.2/21.1 18

4 11	16 16.24	−23 33.0	2.522	3.306	12.4	20.4
4 21	16 12.00	−23 48.6	2.421	3.299	9.9	20.3
5 1	16 5.74	−23 58.8	2.342	3.291	7.0	20.1
5 11	15 57.95	−24 3.1	2.289	3.283	3.8	19.8
5 21	15 49.29	−24 1.6	2.264	3.274	1.2	19.6
5 31	15 40.59	−23 55.4	2.268	3.266	3.7	19.8
6 10	15 32.68	−23 46.6	2.299	3.257	7.0	20.0
6 20	15 26.22	−23 37.7	2.356	3.249	10.1	20.2

200277 1999 XY_{217} 5 20.5 265°.49 4°.0/18.6 18

4 11	16 16.67	− 9 47.6	2.138	2.943	13.7	20.5
4 21	16 12.60	− 9 24.3	2.036	2.925	11.0	20.3
5 1	16 6.31	− 9 1.9	1.955	2.907	7.9	20.0
5 11	15 58.29	− 8 43.3	1.899	2.888	5.0	19.8
5 21	15 49.27	− 8 31.4	1.871	2.869	4.1	19.7
5 31	15 40.15	− 8 28.8	1.870	2.850	6.4	19.8
6 10	15 31.85	− 8 37.2	1.895	2.831	9.8	20.0
6 20	15 25.14	− 8 57.3	1.944	2.811	13.0	20.2

414189 2008 CG_{159} 5 20.5 133°.00 0°.2/20.6 17

4 11	16 21.70	−21 17.2	1.987	2.779	15.0	22.3
4 21	16 16.54	−21 15.5	1.909	2.793	11.9	22.2
5 1	16 8.92	−21 7.6	1.853	2.806	8.2	22.0
5 11	15 59.50	−20 53.8	1.822	2.819	4.1	21.7
5 21	15 49.22	−20 35.2	1.819	2.832	0.3	21.4
5 31	15 39.14	−20 14.2	1.845	2.843	4.4	21.8
6 10	15 30.28	−19 54.1	1.897	2.854	8.4	22.0
6 20	15 23.37	−19 38.1	1.975	2.864	11.9	22.3

413035 2001 AQ_{49} 5 20.5 210°.76 0°.7/19.8 18

4 11	16 9.89	−17 41.8	4.137	4.921	7.9	22.7
4 21	16 6.09	−17 25.4	4.033	4.914	6.2	22.6
5 1	16 1.19	−17 6.5	3.954	4.907	4.2	22.4
5 11	15 55.52	−16 46.2	3.903	4.900	2.1	22.3
5 21	15 49.44	−16 25.4	3.882	4.892	0.8	22.1
5 31	15 43.38	−16 5.5	3.891	4.884	2.7	22.3
6 10	15 37.76	−15 48.0	3.929	4.876	4.8	22.4
6 20	15 32.93	−15 34.0	3.994	4.867	6.8	22.6

157550 2005 UM_{59} 5 20.5 143°.11 0°.5/20.6 16

4 11	16 21.42	−21 1.9	1.394	2.213	18.9	20.8
4 21	16 17.57	−21 12.6	1.317	2.215	15.1	20.6
5 1	16 10.35	−21 16.5	1.258	2.218	10.6	20.3
5 11	16 0.48	−21 13.5	1.222	2.220	5.4	20.0
5 21	15 49.16	−21 3.9	1.210	2.222	0.5	19.6
5 31	15 37.94	−20 50.4	1.223	2.224	5.8	20.0
6 10	15 28.33	−20 37.2	1.261	2.225	10.9	20.3
6 20	15 21.39	−20 28.5	1.321	2.227	15.4	20.6

32826 1992 DC_1 5 20.5 80°.15 4°.3/18.9 18

4 11	16 20.07	−11 40.8	1.402	2.228	18.5	18.3
4 21	16 15.99	−11 12.7	1.339	2.242	14.6	18.1
5 1	16 8.89	−10 45.0	1.296	2.256	10.3	17.9
5 11	15 59.58	−10 21.7	1.275	2.269	6.1	17.7
5 21	15 49.22	−10 6.4	1.279	2.283	4.5	17.6
5 31	15 39.18	−10 2.4	1.309	2.296	7.6	17.8
6 10	15 30.72	−10 11.7	1.362	2.310	11.8	18.1
6 20	15 24.68	−10 34.4	1.437	2.323	15.6	18.4

24470 2000 SJ_{310} 5 20.5 280°.18 2°.0/22.9 18

4 11	16 8.84	−32 23.4	4.464	5.209	8.0	18.3
4 21	16 5.30	−32 8.1	4.356	5.203	6.5	18.2
5 1	16 0.66	−31 45.3	4.271	5.196	4.9	18.0
5 11	15 55.25	−31 15.2	4.214	5.190	3.2	17.9
5 21	15 49.47	−30 38.2	4.185	5.184	2.0	17.8
5 31	15 43.74	−29 55.7	4.186	5.177	2.6	17.9
6 10	15 38.49	−29 9.8	4.216	5.171	4.2	18.0
6 20	15 34.07	−28 22.5	4.274	5.165	6.0	18.1

153665 2001 TL_{164} 5 20.5 131°.31 1°.3/21.1 18

4 11	16 20.50	−23 52.1	2.043	2.832	14.8	21.0
4 21	16 15.64	−24 0.6	1.963	2.843	11.8	20.8
5 1	16 8.34	−24 1.8	1.904	2.854	8.3	20.6
5 11	15 59.24	−23 55.1	1.870	2.864	4.4	20.4
5 21	15 49.25	−23 41.1	1.863	2.874	1.3	20.2
5 31	15 39.40	−23 21.7	1.885	2.883	4.3	20.5
6 10	15 30.73	−23 0.3	1.933	2.892	8.1	20.7
6 20	15 23.97	−22 40.4	2.007	2.901	11.5	20.9

107092 2001 AD_{29} 5 20.5 174.°96 2.°6/21.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 21.56	−27 20.0	1.815	2.602	16.4	20.7
4 21	16 17.01	−27 29.9	1.728	2.605	13.3	20.4
5 1	16 9.60	−27 29.0	1.660	2.606	9.6	20.2
5 11	15 59.99	−27 15.8	1.617	2.607	5.6	20.0
5 21	15 49.20	−26 50.2	1.600	2.608	2.6	19.8
5 31	15 38.51	−26 14.7	1.610	2.608	5.0	19.9
6 10	15 29.15	−25 34.1	1.647	2.608	9.1	20.2
6 20	15 22.02	−24 53.8	1.707	2.607	12.9	20.4

432736 2011 DT_{23} 5 20.5 46.°30 6.°8/22.7 17

4 11	16 23.10	−33 31.4	1.718	2.490	17.8	20.7
4 21	16 18.84	−34 50.2	1.639	2.495	14.9	20.5
5 1	16 11.25	−35 57.6	1.579	2.501	11.7	20.3
5 11	16 0.98	−36 48.2	1.542	2.508	8.6	20.1
5 21	15 49.15	−37 17.5	1.529	2.514	6.8	20.0
5 31	15 37.28	−37 24.7	1.542	2.521	7.7	20.1
6 10	15 26.90	−37 13.2	1.580	2.527	10.5	20.3
6 20	15 19.13	−36 49.4	1.641	2.534	13.6	20.5

382967 2004 XQ_{120} 5 20.5 196.°62 1.°2/21.2 17

4 11	16 18.29	−25 2.1	2.466	3.245	12.8	22.1
4 21	16 13.59	−24 58.1	2.367	3.242	10.3	21.9
5 1	16 6.81	−24 46.2	2.291	3.238	7.2	21.7
5 11	15 58.47	−24 26.4	2.241	3.234	3.9	21.5
5 21	15 49.30	−23 59.4	2.219	3.230	1.2	21.2
5 31	15 40.17	−23 27.2	2.226	3.224	3.8	21.4
6 10	15 31.93	−22 53.2	2.261	3.219	7.2	21.6
6 20	15 25.26	−22 20.8	2.322	3.212	10.3	21.8

502997 2015 FF_{95} 5 20.5 236.°01 3.°3/22.5 18

4 11	16 19.28	−31 14.6	2.259	3.025	14.2	21.7
4 21	16 14.82	−31 15.0	2.151	3.012	11.7	21.5
5 1	16 7.92	−31 3.1	2.065	2.999	8.7	21.3
5 11	15 59.12	−30 37.2	2.003	2.985	5.6	21.0
5 21	15 49.26	−29 57.3	1.968	2.970	3.3	20.9
5 31	15 39.38	−29 5.5	1.961	2.955	4.7	20.9
6 10	15 30.53	−28 6.2	1.982	2.940	8.0	21.1
6 20	15 23.50	−27 5.0	2.028	2.924	11.3	21.3

146200 2000 UY_{12} 5 20.5 158.°93 1.°1/19.7 18

4 11	16 13.89	−19 15.7	2.670	3.463	11.6	20.6
4 21	16 9.79	−18 35.5	2.581	3.467	9.1	20.5
5 1	16 3.98	−17 49.8	2.515	3.471	6.2	20.3
5 11	15 56.98	−17 0.4	2.477	3.474	3.1	20.1
5 21	15 49.39	−16 9.8	2.467	3.478	1.2	19.9
5 31	15 41.92	−15 21.2	2.487	3.480	3.9	20.1
6 10	15 35.24	−14 37.6	2.535	3.483	7.0	20.3
6 20	15 29.86	−14 1.6	2.608	3.485	9.8	20.5

210457 1993 FH_{9} 5 20.5 59.°42 0.°7/20.1 17

4 11	16 15.20	−18 56.9	2.084	2.890	14.0	20.6
4 21	16 11.34	−18 47.2	2.006	2.898	11.0	20.4
5 1	16 5.31	−18 33.0	1.949	2.907	7.5	20.2
5 11	15 57.72	−18 15.4	1.917	2.916	3.7	20.0
5 21	15 49.35	−17 56.2	1.913	2.924	0.8	19.8
5 31	15 41.12	−17 37.7	1.936	2.933	4.4	20.1
6 10	15 33.91	−17 22.7	1.986	2.942	8.1	20.3
6 20	15 28.38	−17 13.5	2.060	2.951	11.3	20.5

171362 2006 KV_{110} 5 20.5 319.°69 1.°9/21.1 17

4 11	16 14.93	−23 42.4	1.263	2.097	19.7	20.2
4 21	16 13.13	−24 0.9	1.174	2.080	16.0	19.9
5 1	16 7.77	−24 10.3	1.102	2.064	11.4	19.6
5 11	15 59.44	−24 9.0	1.052	2.049	6.2	19.2
5 21	15 49.24	−23 56.8	1.023	2.034	1.9	18.9
5 31	15 38.82	−23 35.9	1.018	2.020	6.2	19.1
6 10	15 29.90	−23 11.5	1.036	2.007	11.8	19.4
6 20	15 23.78	−22 49.5	1.073	1.995	16.8	19.7

120388 2005 QD_{39} 5 20.5 330.°23 5.°3/23.3 18

4 11	16 16.03	−34 25.8	1.989	2.759	15.7	19.6
4 21	16 12.74	−34 55.0	1.895	2.752	13.2	19.4
5 1	16 6.73	−35 10.7	1.820	2.745	10.2	19.1
5 11	15 58.61	−35 9.9	1.768	2.738	7.3	19.0
5 21	15 49.31	−34 51.1	1.740	2.732	5.4	18.8
5 31	15 39.99	−34 15.6	1.739	2.726	6.2	18.9
6 10	15 31.85	−33 27.7	1.764	2.720	8.9	19.0
6 20	15 25.79	−32 33.3	1.812	2.714	12.1	19.2

190416 1999 UH_{8} 5 20.5 251.°41 2.°2/21.4 18

4 11	16 20.22	−25 1.4	2.179	2.961	14.2	20.5
4 21	16 15.67	−25 32.3	2.072	2.947	11.5	20.2
5 1	16 8.61	−25 57.5	1.987	2.933	8.3	20.0
5 11	15 59.55	−26 15.1	1.927	2.918	4.7	19.8
5 21	15 49.26	−26 24.3	1.894	2.903	2.2	19.6
5 31	15 38.80	−26 25.3	1.890	2.887	4.5	19.7
6 10	15 29.24	−26 20.5	1.913	2.871	8.2	19.9
6 20	15 21.48	−26 13.0	1.961	2.855	11.7	20.1

150256 1999 PN_{7} 5 20.5 277.°43 2.°9/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 16.36	−29 59.1	2.505	3.273	12.9	20.3
4 21	16 12.37	−30 4.3	2.385	3.249	10.6	20.1
5 1	16 6.18	−29 59.4	2.288	3.224	7.9	19.9
5 11	15 58.27	−29 43.1	2.215	3.198	4.9	19.7
5 21	15 49.34	−29 15.2	2.169	3.172	2.9	19.5
5 31	15 40.27	−28 37.1	2.152	3.146	4.3	19.5
6 10	15 32.00	−27 52.2	2.162	3.120	7.4	19.7
6 20	15 25.29	−27 4.9	2.198	3.093	10.6	19.8

459102 2012 BS_{104} 5 20.5 50.°78 2.°5/19.5 17

4 11	16 17.30	−16 25.5	1.383	2.214	18.4	21.1
4 21	16 14.00	−15 59.1	1.317	2.223	14.5	20.9
5 1	16 7.64	−15 28.1	1.269	2.233	10.0	20.6
5 11	15 59.03	−14 55.4	1.245	2.243	5.2	20.4
5 21	15 49.31	−14 24.7	1.244	2.253	2.6	20.2
5 31	15 39.86	−14 0.2	1.269	2.264	6.5	20.5
6 10	15 31.96	−13 45.9	1.317	2.275	11.2	20.8
6 20	15 26.47	−13 43.8	1.387	2.286	15.3	21.0

443424 2014 HP_{95} 5 20.5 282.°02 2.°5/19.1 18

4 11	16 13.89	−13 22.7	2.405	3.209	12.4	21.1
4 21	16 10.16	−13 4.2	2.301	3.193	9.8	20.9
5 1	16 4.50	−12 44.5	2.220	3.176	6.9	20.7
5 11	15 57.37	−12 25.6	2.165	3.159	3.9	20.4
5 21	15 49.39	−12 9.6	2.137	3.143	2.6	20.3
5 31	15 41.36	−11 58.7	2.138	3.126	5.0	20.4
6 10	15 34.07	−11 55.0	2.165	3.109	8.3	20.6
6 20	15 28.15	−11 59.9	2.217	3.093	11.3	20.8

510848 2013 CF_{60} 5 20.5 150.°33 4.°3/17.7 17

4 11	16 13.23	− 7 41.3	2.544	3.345	11.8	21.7
4 21	16 9.30	− 6 59.8	2.462	3.348	9.5	21.5
5 1	16 3.68	− 6 19.9	2.405	3.351	7.0	21.3
5 11	15 56.86	− 5 44.9	2.373	3.354	4.8	21.2
5 21	15 49.44	− 5 17.6	2.369	3.357	4.4	21.2
5 31	15 42.11	− 5 0.6	2.393	3.360	6.2	21.3
6 10	15 35.54	− 4 55.4	2.443	3.362	8.6	21.5
6 20	15 30.26	− 5 2.2	2.517	3.364	11.1	21.6

187732 2008 FM_{80} 5 20.5 244.°94 4.°7/16.8 17

4 11	16 12.22	− 8 7.9	2.569	3.372	11.7	20.7
4 21	16 8.57	− 7 0.1	2.477	3.364	9.4	20.5
5 1	16 3.23	− 5 51.9	2.409	3.356	7.0	20.4
5 11	15 56.66	− 4 47.2	2.368	3.347	5.1	20.2
5 21	15 49.45	− 3 50.0	2.355	3.338	4.9	20.2
5 31	15 42.29	− 3 4.1	2.370	3.329	6.7	20.3
6 10	15 35.84	− 2 32.1	2.410	3.320	9.1	20.4
6 20	15 30.64	− 2 14.9	2.475	3.311	11.6	20.6

182756 2001 XZ_{148} 5 20.5 144.°97 0.°5/20.2 18

4 11	16 15.30	−19 40.1	3.068	3.851	10.4	22.9
4 21	16 10.63	−19 23.9	2.983	3.863	8.2	22.8
5 1	16 4.45	−19 3.6	2.921	3.874	5.6	22.6
5 11	15 57.19	−18 40.2	2.887	3.884	2.8	22.4
5 21	15 49.43	−18 15.1	2.883	3.895	0.5	22.3
5 31	15 41.79	−17 50.1	2.908	3.904	3.2	22.5
6 10	15 34.85	−17 27.4	2.963	3.913	6.0	22.7
6 20	15 29.09	−17 8.8	3.043	3.922	8.5	22.9

371097 2005 UU_{509} 5 20.5 210.°53 1.°6/19.5 17

4 11	16 17.84	−17 28.3	2.282	3.078	13.2	22.6
4 21	16 13.32	−16 57.0	2.184	3.071	10.4	22.4
5 1	16 6.68	−16 20.8	2.108	3.064	7.2	22.2
5 11	15 58.45	−15 41.4	2.059	3.055	3.7	21.9
5 21	15 49.36	−15 1.3	2.037	3.047	1.7	21.8
5 31	15 40.30	−14 23.7	2.045	3.037	4.8	22.0
6 10	15 32.14	−13 52.1	2.080	3.027	8.4	22.2
6 20	15 25.56	−13 29.0	2.140	3.017	11.6	22.4

99328 2001 UY_{123} 5 20.5 184.°32 3.°6/16.1 18

4 11	16 5.97	− 0 49.3	4.801	5.582	6.9	20.0
4 21	16 2.86	− 0 17.2	4.717	5.582	5.7	19.9
5 1	15 58.92	+ 0 11.7	4.659	5.582	4.5	19.8
5 11	15 54.39	+ 0 35.4	4.628	5.582	3.7	19.7
5 21	15 49.59	+ 0 52.6	4.625	5.581	3.7	19.7
5 31	15 44.82	+ 1 2.0	4.650	5.581	4.5	19.8
6 10	15 40.39	+ 1 3.1	4.702	5.580	5.7	19.9
6 20	15 36.58	+ 0 55.9	4.778	5.580	6.9	19.9

356878 2011 WC_{125} 5 20.5 232.°88 2.°2/18.9 17

4 11	16 13.26	−15 13.0	2.645	3.445	11.5	21.5
4 21	16 9.40	−14 33.5	2.547	3.436	9.1	21.3
5 1	16 3.81	−13 50.4	2.472	3.428	6.3	21.1
5 11	15 56.96	−13 6.2	2.424	3.419	3.5	20.9
5 21	15 49.45	−12 23.5	2.405	3.410	2.3	20.8
5 31	15 41.97	−11 45.2	2.414	3.401	4.6	21.0
6 10	15 35.21	−11 14.2	2.451	3.391	7.6	21.1
6 20	15 29.71	−10 52.2	2.512	3.381	10.4	21.3

143913 2003 YF_{74} 5 20.5 214.°08 1.°4/21.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 20.84	−24 34.5	1.942	2.732	15.4	21.3
4 21	16 16.31	−24 38.2	1.845	2.725	12.4	21.0
5 1	16 9.09	−24 33.3	1.768	2.718	8.8	20.8
5 11	15 59.79	−24 19.2	1.716	2.711	4.7	20.5
5 21	15 49.30	−23 56.1	1.692	2.702	1.4	20.3
5 31	15 38.78	−23 26.4	1.694	2.693	4.7	20.5
6 10	15 29.40	−22 54.0	1.724	2.684	8.8	20.7
6 20	15 22.04	−22 23.5	1.778	2.674	12.6	20.9

36906 2000 SZ_{179} 5 20.5 185.°22 0.°4/20.2 18

4 11	16 17.16	−22 8.0	2.213	3.006	13.6	19.0
4 21	16 12.82	−21 28.1	2.121	3.006	10.8	18.8
5 1	16 6.32	−20 39.3	2.051	3.006	7.4	18.6
5 11	15 58.25	−19 43.3	2.007	3.005	3.7	18.4
5 21	15 49.39	−18 42.8	1.992	3.004	0.5	18.1
5 31	15 40.66	−17 41.9	2.005	3.002	4.3	18.4
6 10	15 32.93	−16 45.1	2.046	3.000	8.0	18.6
6 20	15 26.86	−15 56.4	2.112	2.997	11.4	18.8

125025 2001 TM_{188} 5 20.5 35.°21 3.°6/21.7 18

4 11	16 19.15	−26 26.3	1.196	2.021	21.0	18.6
4 21	16 16.40	−27 2.3	1.130	2.029	17.0	18.4
5 1	16 9.85	−27 26.6	1.082	2.037	12.3	18.2
5 11	16 0.35	−27 36.2	1.054	2.047	7.2	17.9
5 21	15 49.28	−27 29.9	1.048	2.056	3.6	17.7
5 31	15 38.44	−27 10.0	1.066	2.066	6.5	17.9
6 10	15 29.54	−26 42.5	1.107	2.077	11.4	18.2
6 20	15 23.69	−26 14.2	1.169	2.088	15.9	18.5

198567 2004 XK_{162} 5 20.5 156.°21 3.°7/22.8 18

4 11	16 19.75	−32 19.9	2.369	3.127	13.8	21.0
4 21	16 14.96	−32 33.4	2.279	3.133	11.4	20.9
5 1	16 7.85	−32 35.4	2.211	3.139	8.6	20.7
5 11	15 59.04	−32 24.0	2.167	3.144	5.7	20.5
5 21	15 49.36	−31 59.0	2.151	3.148	3.8	20.4
5 31	15 39.79	−31 22.1	2.162	3.153	4.8	20.5
6 10	15 31.30	−30 37.2	2.202	3.156	7.5	20.7
6 20	15 24.59	−29 49.1	2.266	3.160	10.4	20.8

510089 2010 MD_{36} 5 20.5 242.°86 10.°0/27.0 18

4 11	16 28.27	−54 38.4	2.940	3.553	14.1	22.1
4 21	16 22.76	−55 53.2	2.837	3.541	13.0	22.0
5 1	16 13.96	−56 52.4	2.752	3.528	11.8	21.9
5 11	16 2.42	−57 30.3	2.687	3.515	10.8	21.8
5 21	15 49.18	−57 42.3	2.645	3.502	10.1	21.7
5 31	15 35.69	−57 26.7	2.625	3.488	10.1	21.7
6 10	15 23.49	−56 45.8	2.628	3.474	10.7	21.7
6 20	15 13.76	−55 44.6	2.654	3.460	11.7	21.7

185050 2006 RL_{6} 5 20.5 260.°33 1.°0/20.9 18

4 11	16 19.75	−23 24.8	1.826	2.624	15.9	21.1
4 21	16 15.79	−23 26.8	1.719	2.605	12.8	20.8
5 1	16 8.98	−23 20.7	1.632	2.585	9.1	20.5
5 11	15 59.87	−23 5.7	1.569	2.565	4.8	20.2
5 21	15 49.33	−22 42.4	1.533	2.544	1.0	19.9
5 31	15 38.58	−22 12.9	1.523	2.523	5.0	20.1
6 10	15 28.90	−21 41.5	1.540	2.501	9.6	20.4
6 20	15 21.32	−21 12.9	1.581	2.479	13.8	20.6

350955 2002 YA_{14} 5 20.5 183.°82 3.°6/18.5 18

4 11	16 15.74	− 9 10.1	2.516	3.313	12.1	20.8
4 21	16 11.35	− 8 48.1	2.428	3.314	9.6	20.7
5 1	16 5.15	− 8 27.6	2.364	3.313	6.9	20.5
5 11	15 57.64	− 8 11.1	2.326	3.313	4.4	20.3
5 21	15 49.46	− 8 0.8	2.316	3.312	3.7	20.3
5 31	15 41.33	− 7 58.6	2.334	3.311	5.6	20.4
6 10	15 33.98	− 8 5.8	2.380	3.310	8.3	20.6
6 20	15 27.98	− 8 22.7	2.450	3.308	11.0	20.7

177936 2005 UD_{10} 5 20.5 314.°74 2.°5/19.4 18

4 11	16 13.98	−13 46.8	2.020	2.834	14.0	19.7
4 21	16 10.66	−13 36.0	1.922	2.819	11.2	19.5
5 1	16 5.09	−13 24.3	1.845	2.804	7.8	19.2
5 11	15 57.77	−13 13.7	1.794	2.790	4.3	19.0
5 21	15 49.45	−13 6.2	1.768	2.776	2.6	18.8
5 31	15 41.05	−13 4.2	1.770	2.762	5.5	19.0
6 10	15 33.53	−13 9.6	1.798	2.749	9.2	19.2
6 20	15 27.66	−13 23.7	1.849	2.736	12.7	19.4

261927 2006 KU_{111} 5 20.5 339.°18 1.°4/21.0 17

4 11	16 19.84	−22 49.6	1.454	2.270	18.4	21.0
4 21	16 16.34	−23 9.3	1.373	2.269	14.8	20.8
5 1	16 9.55	−23 21.7	1.311	2.268	10.4	20.5
5 11	16 0.18	−23 25.5	1.271	2.268	5.5	20.2
5 21	15 49.34	−23 20.6	1.256	2.267	1.4	20.0
5 31	15 38.53	−23 8.9	1.266	2.266	5.5	20.2
6 10	15 29.23	−22 54.5	1.300	2.266	10.5	20.5
6 20	15 22.48	−22 42.0	1.357	2.266	14.9	20.8

39684 1996 PD_{8} 5 20.5 223.°35 1.°4/19.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 15.23	−17 17.7	2.281	3.083	13.0	19.2
4 21	16 11.28	−16 58.0	2.188	3.079	10.3	19.0
5 1	16 5.29	−16 34.4	2.118	3.075	7.1	18.8
5 11	15 57.79	−16 8.4	2.073	3.071	3.6	18.6
5 21	15 49.48	−15 42.2	2.056	3.066	1.5	18.4
5 31	15 41.21	−15 18.3	2.068	3.062	4.5	18.6
6 10	15 33.81	−14 59.5	2.106	3.057	8.0	18.8
6 20	15 27.94	−14 47.9	2.169	3.052	11.2	19.0

270501 2002 EV_{155} 5 20.5 359.°23 1.°8/21.2 17

4 11	16 15.82	−23 48.3	1.541	2.358	17.5	19.9
4 21	16 12.96	−24 9.5	1.459	2.356	14.1	19.7
5 1	16 7.10	−24 22.7	1.398	2.355	10.0	19.4
5 11	15 58.91	−24 26.9	1.358	2.354	5.4	19.2
5 21	15 49.41	−24 22.0	1.344	2.354	1.8	18.9
5 31	15 39.95	−24 10.0	1.354	2.355	5.2	19.2
6 10	15 31.86	−23 54.6	1.389	2.356	9.8	19.4
6 20	15 26.09	−23 40.2	1.447	2.359	14.0	19.7

380073 2013 SK_{30} 5 20.5 299.°45 9.°7/14.5 18

4 11	16 13.36	− 1 9.5	1.638	2.459	16.5	20.1
4 21	16 10.52	+ 0 31.5	1.559	2.447	13.9	19.9
5 1	16 5.14	+ 2 8.5	1.501	2.435	11.4	19.7
5 11	15 57.83	+ 3 32.8	1.466	2.423	9.8	19.6
5 21	15 49.47	+ 4 36.6	1.455	2.412	10.1	19.6
5 31	15 41.13	+ 5 13.7	1.468	2.401	12.2	19.7
6 10	15 33.89	+ 5 21.7	1.502	2.389	14.9	19.8
6 20	15 28.56	+ 5 1.8	1.555	2.379	17.8	20.0

338753 2003 UB_{178} 5 20.5 233.°52 2.°7/21.8 17

4 11	16 18.48	−27 40.0	2.160	2.940	14.3	21.0
4 21	16 14.26	−27 58.4	2.062	2.934	11.7	20.8
5 1	16 7.59	−28 7.9	1.985	2.927	8.5	20.6
5 11	15 59.04	−28 7.1	1.933	2.920	5.1	20.4
5 21	15 49.41	−27 55.6	1.907	2.913	2.7	20.2
5 31	15 39.76	−27 34.6	1.910	2.906	4.6	20.3
6 10	15 31.11	−27 7.5	1.939	2.898	8.0	20.5
6 20	15 24.28	−26 38.5	1.993	2.891	11.4	20.7

493195 2014 UU_{28} 5 20.5 157.°71 0.°9/20.9 16

4 11	16 22.05	−22 36.8	2.016	2.804	15.0	23.2
4 21	16 16.97	−22 45.1	1.930	2.811	11.9	23.0
5 1	16 9.36	−22 46.8	1.867	2.818	8.3	22.8
5 11	15 59.86	−22 41.5	1.828	2.824	4.3	22.5
5 21	15 49.38	−22 29.7	1.817	2.829	0.9	22.3
5 31	15 39.00	−22 13.4	1.835	2.833	4.4	22.6
6 10	15 29.79	−21 55.7	1.879	2.837	8.4	22.8
6 20	15 22.53	−21 40.0	1.949	2.841	11.9	23.0

128148 2003 QH_{69} 5 20.5 304.°14 9.°5/15.5 18

4 11	16 14.12	+ 1 9.1	1.746	2.557	16.0	19.2
4 21	16 11.01	+ 2 18.5	1.662	2.541	13.6	19.0
5 1	16 5.45	+ 3 20.3	1.597	2.525	11.2	18.8
5 11	15 58.00	+ 4 7.3	1.556	2.509	9.7	18.7
5 21	15 49.47	+ 4 33.4	1.538	2.493	9.8	18.7
5 31	15 40.90	+ 4 34.3	1.543	2.478	11.6	18.7
6 10	15 33.34	+ 4 8.7	1.571	2.462	14.2	18.8
6 20	15 27.60	+ 3 18.8	1.619	2.447	17.0	19.0

255639 2006 QR_{7} 5 20.5 204.°89 2.°5/19.2 17

4 11	16 18.97	−15 25.7	2.000	2.803	14.5	21.7
4 21	16 14.51	−14 51.8	1.907	2.799	11.5	21.4
5 1	16 7.67	−14 13.8	1.837	2.793	8.0	21.2
5 11	15 59.03	−13 34.3	1.792	2.788	4.3	21.0
5 21	15 49.43	−12 56.4	1.774	2.781	2.6	20.8
5 31	15 39.86	−12 23.6	1.785	2.774	5.7	21.0
6 10	15 31.32	−11 59.4	1.821	2.766	9.5	21.2
6 20	15 24.58	−11 46.1	1.882	2.758	13.0	21.4

304761 2007 BV_{26} 5 20.5 162.°65 0.°7/20.1 18

4 11	16 14.56	−18 44.6	2.988	3.775	10.6	22.5
4 21	16 10.17	−18 30.5	2.898	3.780	8.3	22.4
5 1	16 4.22	−18 12.9	2.831	3.785	5.7	22.2
5 11	15 57.16	−17 52.7	2.792	3.789	2.8	22.0
5 21	15 49.54	−17 31.2	2.782	3.793	0.7	21.8
5 31	15 41.99	−17 10.4	2.801	3.796	3.4	22.1
6 10	15 35.13	−16 52.1	2.849	3.799	6.2	22.3
6 20	15 29.45	−16 38.2	2.923	3.802	8.8	22.4

118019 1504 $T\text{-}_{2}$ 5 20.5 279.°00 0.°2/20.4 18

4 11	16 15.28	−20 56.3	2.051	2.854	14.2	20.2
4 21	16 11.67	−20 42.2	1.956	2.847	11.3	20.0
5 1	16 5.75	−20 21.5	1.883	2.840	7.8	19.8
5 11	15 58.10	−19 55.0	1.836	2.833	3.9	19.5
5 21	15 49.49	−19 24.5	1.814	2.827	0.3	19.2
5 31	15 40.90	−18 52.9	1.821	2.820	4.4	19.5
6 10	15 33.29	−18 23.9	1.854	2.813	8.4	19.8
6 20	15 27.41	−18 0.5	1.911	2.806	11.9	20.0

402920 Tsawout 5 20.5 219°.43 2°.8/17.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 9.97	− 7 46.5	4.084	4.871	8.0	22.7
4 21	16 6.17	− 7 22.3	3.984	4.862	6.4	22.5
5 1	16 1.30	− 6 59.3	3.909	4.853	4.6	22.4
5 11	15 55.66	− 6 39.3	3.862	4.843	3.2	22.3
5 21	15 49.62	− 6 23.7	3.844	4.833	2.9	22.2
5 31	15 43.59	− 6 13.8	3.855	4.822	4.0	22.3
6 10	15 37.98	− 6 10.7	3.895	4.811	5.8	22.4
6 20	15 33.13	− 6 14.9	3.960	4.800	7.5	22.5

106969 2000 YB_{87} 5 20.5 134°.91 1°.3/21.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 15.34	−25 41.0	2.696	3.474	11.9	20.1
4 21	16 11.05	−25 36.6	2.608	3.481	9.5	19.9
5 1	16 4.95	−25 24.7	2.542	3.488	6.7	19.7
5 11	15 57.56	−25 5.4	2.503	3.495	3.7	19.6
5 21	15 49.53	−24 39.7	2.492	3.502	1.3	19.4
5 31	15 41.60	−24 9.4	2.510	3.508	3.4	19.6
6 10	15 34.50	−23 37.3	2.556	3.514	6.4	19.8
6 20	15 28.79	−23 6.6	2.628	3.520	9.2	19.9

335080 2004 SN 5 20.5 294°.14 1°.2/20.1 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 17.32	−17 39.0	1.750	2.564	15.9	21.2
4 21	16 14.00	−17 36.2	1.638	2.535	12.8	20.9
5 1	16 7.88	−17 29.4	1.546	2.506	8.9	20.6
5 11	15 59.41	−17 19.9	1.479	2.477	4.6	20.3
5 21	15 49.43	−17 8.9	1.436	2.448	1.3	20.0
5 31	15 39.09	−16 58.9	1.421	2.418	5.6	20.2
6 10	15 29.70	−16 53.1	1.430	2.389	10.4	20.4
6 20	15 22.30	−16 54.4	1.463	2.360	14.8	20.6

134529 1999 RD_{40} 5 20.5 267°.41 4°.8/17.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 17.69	−12 36.6	1.825	2.638	15.4	20.8
4 21	16 13.95	−11 24.6	1.716	2.612	12.4	20.5
5 1	16 7.61	−10 6.1	1.629	2.585	8.9	20.2
5 11	15 59.17	− 8 45.5	1.567	2.557	5.7	20.0
5 21	15 49.45	− 7 28.8	1.532	2.529	5.1	19.9
5 31	15 39.55	− 6 22.5	1.524	2.501	8.0	20.0
6 10	15 30.60	− 5 32.1	1.541	2.471	12.0	20.1
6 20	15 23.53	− 5 0.9	1.580	2.441	15.8	20.3

39013 2000 UA_{47} 5 20.5 155°.31 0°.1/20.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 18.61	−20 47.6	2.044	2.841	14.5	19.4
4 21	16 14.22	−20 48.9	1.958	2.845	11.5	19.2
5 1	16 7.46	−20 44.7	1.894	2.848	8.0	19.0
5 11	15 58.93	−20 35.4	1.854	2.852	4.0	18.8
5 21	15 49.47	−20 22.0	1.842	2.855	0.2	18.5
5 31	15 40.09	−20 6.5	1.858	2.857	4.3	18.8
6 10	15 31.78	−19 51.8	1.901	2.859	8.3	19.1
6 20	15 25.28	−19 40.9	1.969	2.862	11.7	19.3

342572 2008 UQ_{259} 5 20.5 153°.14 0°.6/20.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 18.06	−21 26.9	2.016	2.814	14.6	21.0
4 21	16 13.89	−21 37.9	1.928	2.815	11.6	20.8
5 1	16 7.31	−21 43.6	1.862	2.816	8.1	20.6
5 11	15 58.90	−21 43.8	1.821	2.817	4.1	20.3
5 21	15 49.50	−21 39.0	1.806	2.818	0.6	20.0
5 31	15 40.14	−21 30.9	1.820	2.819	4.3	20.3
6 10	15 31.84	−21 22.2	1.860	2.820	8.3	20.6
6 20	15 25.37	−21 15.6	1.924	2.821	11.8	20.8

278153 2007 DN_{19} 5 20.5 132°.51 2°.5/19.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 18.74	−14 48.4	2.066	2.868	14.2	21.9
4 21	16 14.05	−14 17.0	1.990	2.880	11.2	21.7
5 1	16 7.17	−13 42.8	1.936	2.892	7.7	21.5
5 11	15 58.72	−13 8.5	1.908	2.903	4.2	21.3
5 21	15 49.52	−12 36.8	1.908	2.914	2.6	21.2
5 31	15 40.51	−12 10.9	1.936	2.925	5.4	21.4
6 10	15 32.59	−11 53.4	1.990	2.934	8.9	21.6
6 20	15 26.39	−11 45.9	2.069	2.944	12.0	21.8

509016 2005 ME_{38} 5 20.5 313°.63 2°.2/21.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 13.82	−26 41.8	1.865	2.667	15.5	21.2
4 21	16 11.13	−26 43.3	1.755	2.642	12.6	21.0
5 1	16 5.79	−26 34.0	1.666	2.617	9.1	20.7
5 11	15 58.31	−26 13.1	1.599	2.592	5.2	20.4
5 21	15 49.53	−25 40.7	1.558	2.568	2.2	20.2
5 31	15 40.55	−24 59.2	1.544	2.544	4.9	20.3
6 10	15 32.59	−24 13.4	1.555	2.521	9.1	20.5
6 20	15 26.57	−23 28.4	1.589	2.498	13.1	20.7

209583 2004 XE_{106} 5 20.5 196°.60 2°.4/21.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 22.26	−27 32.8	1.883	2.665	16.1	21.6
4 21	16 17.56	−27 35.7	1.789	2.663	13.0	21.4
5 1	16 10.04	−27 27.4	1.715	2.660	9.4	21.1
5 11	16 0.34	−27 6.4	1.666	2.656	5.4	20.9
5 21	15 49.44	−26 33.0	1.643	2.652	2.4	20.7
5 31	15 38.57	−25 49.7	1.649	2.647	4.9	20.8
6 10	15 28.98	−25 1.7	1.680	2.641	9.0	21.0
6 20	15 21.56	−24 14.4	1.736	2.634	12.8	21.3

245730 2006 DU_{50} 5 20.5 220°.71 3°.5/18.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 20.08	−14 9.6	1.708	2.520	16.3	21.6
4 21	16 15.87	−13 27.6	1.617	2.512	13.0	21.4
5 1	16 8.90	−12 41.5	1.546	2.504	9.1	21.2
5 11	15 59.78	−11 54.5	1.500	2.494	5.2	20.9
5 21	15 49.47	−11 10.9	1.479	2.484	3.7	20.8
5 31	15 39.14	−10 35.3	1.486	2.473	6.9	20.9
6 10	15 29.99	−10 11.7	1.518	2.462	11.1	21.2
6 20	15 22.93	−10 2.5	1.573	2.450	15.0	21.4

508727 2017 UF_{28} 5 20.5 107°.18 3°.5/21.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 21.51	−27 50.2	1.935	2.717	15.7	21.5
4 21	16 16.93	−28 34.7	1.851	2.723	12.8	21.3
5 1	16 9.58	−29 11.0	1.788	2.728	9.4	21.1
5 11	16 0.10	−29 36.4	1.749	2.734	5.9	20.9
5 21	15 49.45	−29 49.2	1.737	2.740	3.6	20.7
5 31	15 38.82	−29 49.7	1.752	2.745	5.3	20.8
6 10	15 29.42	−29 40.9	1.793	2.751	8.7	21.1
6 20	15 22.14	−29 27.1	1.859	2.756	12.1	21.3

425558 2010 RK_{139} 5 20.5 211°.66 0°.3/20.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 20.38	−20 58.8	2.065	2.858	14.5	22.9
4 21	16 15.70	−20 40.5	1.966	2.851	11.6	22.7
5 1	16 8.56	−20 14.9	1.889	2.843	8.0	22.4
5 11	15 59.55	−19 43.0	1.837	2.834	4.0	22.1
5 21	15 49.49	−19 6.3	1.812	2.824	0.4	21.8
5 31	15 39.43	−18 28.2	1.817	2.814	4.6	22.1
6 10	15 30.40	−17 52.5	1.848	2.803	8.7	22.4
6 20	15 23.21	−17 23.0	1.904	2.791	12.4	22.6

95153 2002 AP_{170} 5 20.5 103°.26 0°.6/20.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 19.20	−22 29.2	1.900	2.699	15.4	20.7
4 21	16 14.80	−22 29.5	1.824	2.710	12.2	20.5
5 1	16 7.90	−22 22.6	1.768	2.722	8.5	20.3
5 11	15 59.16	−22 8.6	1.737	2.734	4.3	20.1
5 21	15 49.52	−21 48.8	1.733	2.745	0.6	19.8
5 31	15 40.06	−21 25.5	1.757	2.756	4.4	20.1
6 10	15 31.82	−21 2.4	1.807	2.767	8.5	20.4
6 20	15 25.56	−20 43.0	1.881	2.778	12.0	20.6

507106 2009 KK_{5} 5 20.5 15°.76 5°.3/17.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 12.96	− 7 12.8	2.014	2.829	14.0	21.0
4 21	16 9.62	− 6 26.9	1.938	2.831	11.3	20.8
5 1	16 4.20	− 5 43.4	1.884	2.833	8.4	20.6
5 11	15 57.29	− 5 6.5	1.854	2.836	5.9	20.5
5 21	15 49.61	− 4 39.9	1.851	2.839	5.5	20.4
5 31	15 42.05	− 4 26.9	1.874	2.843	7.4	20.6
6 10	15 35.44	− 4 28.9	1.922	2.846	10.3	20.7
6 20	15 30.42	− 4 45.8	1.992	2.850	13.1	20.9

166953 2003 KE_{30} 5 20.5 333°.43 2°.9/19.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 16.81	−13 44.4	1.209	2.052	19.8	19.5
4 21	16 14.46	−13 49.1	1.129	2.042	15.9	19.2
5 1	16 8.60	−13 54.6	1.068	2.034	11.2	18.9
5 11	15 59.89	−14 3.3	1.027	2.026	6.0	18.6
5 21	15 49.47	−14 17.1	1.009	2.018	3.0	18.3
5 31	15 38.95	−14 38.1	1.014	2.012	7.3	18.6
6 10	15 29.96	−15 8.0	1.042	2.006	12.7	18.9
6 20	15 23.72	−15 47.5	1.090	2.001	17.5	19.1

324423 2006 SD_{323} 5 20.5 254°.84 0°.4/20.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 19.72	−21 15.2	1.767	2.571	16.1	22.0
4 21	16 15.78	−21 20.6	1.667	2.558	13.0	21.7
5 1	16 8.99	−21 19.8	1.588	2.544	9.1	21.4
5 11	15 59.92	−21 12.7	1.533	2.530	4.7	21.1
5 21	15 49.48	−20 59.8	1.504	2.516	0.4	20.8
5 31	15 38.89	−20 43.3	1.501	2.501	5.0	21.1
6 10	15 29.43	−20 26.8	1.525	2.486	9.7	21.3
6 20	15 22.08	−20 13.9	1.572	2.471	13.8	21.5

403237 2008 VE_{11} 5 20.5 150°.48 0°.9/19.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 10.92	−16 5.5	4.241	5.024	7.8	22.4
4 21	16 6.85	−15 57.3	4.152	5.032	6.1	22.3
5 1	16 1.73	−15 47.8	4.088	5.040	4.2	22.1
5 11	15 55.89	−15 37.7	4.052	5.048	2.1	22.0
5 21	15 49.69	−15 27.9	4.047	5.056	0.9	21.9
5 31	15 43.54	−15 19.5	4.071	5.063	2.6	22.1
6 10	15 37.84	−15 13.5	4.125	5.070	4.6	22.2
6 20	15 32.92	−15 10.9	4.206	5.077	6.5	22.3

293983 2007 TG_{66} 5 20.5 120°.53 0°.2/20.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 18.97	−22 50.4	1.577	2.389	17.4	20.5
4 21	16 15.14	−22 16.4	1.500	2.395	13.9	20.3
5 1	16 8.39	−21 31.0	1.443	2.401	9.6	20.0
5 11	15 59.49	−20 35.8	1.409	2.407	4.8	19.8
5 21	15 49.51	−19 34.4	1.400	2.413	0.3	19.4
5 31	15 39.77	−18 32.1	1.419	2.418	5.3	19.8
6 10	15 31.48	−17 35.0	1.463	2.423	10.0	20.1
6 20	15 25.50	−16 48.3	1.529	2.428	14.1	20.4

345849 2007 OW_3 5 20.5 278°.87 0°.7/20.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 16.69	−23 14.8	2.013	2.811	14.6	22.1
4 21	16 13.08	−23 7.2	1.903	2.790	11.8	21.8
5 1	16 6.96	−22 51.3	1.814	2.768	8.3	21.6
5 11	15 58.85	−22 27.1	1.750	2.746	4.3	21.3
5 21	15 49.54	−21 55.6	1.712	2.724	0.7	21.0
5 31	15 40.09	−21 19.5	1.702	2.702	4.5	21.2
6 10	15 31.56	−20 42.8	1.718	2.679	8.8	21.4
6 20	15 24.86	−20 9.8	1.759	2.657	12.6	21.6

83490 2001 SB_{106} 5 20.5 248°.81 0°.2/20.7 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 14.94	−23 17.7	2.349	3.141	13.0	19.1
4 21	16 11.11	−22 50.9	2.249	3.133	10.3	18.9
5 1	16 5.23	−22 15.6	2.170	3.124	7.2	18.7
5 11	15 57.83	−21 32.7	2.118	3.115	3.7	18.4
5 21	15 49.60	−20 44.2	2.093	3.105	0.2	18.1
5 31	15 41.41	−19 53.2	2.097	3.096	3.9	18.4
6 10	15 34.10	−19 3.9	2.128	3.086	7.5	18.6
6 20	15 28.32	−18 19.8	2.185	3.076	10.8	18.8

191325 2003 LQ_2 5 20.5 6°.46 0°.2/20.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 14.47	−24 35.5	1.587	2.403	17.1	19.3
4 21	16 11.65	−23 51.3	1.505	2.403	13.7	19.1
5 1	16 6.03	−22 53.2	1.444	2.403	9.5	18.8
5 11	15 58.33	−21 43.1	1.406	2.404	4.8	18.6
5 21	15 49.58	−20 24.8	1.394	2.406	0.2	18.2
5 31	15 41.02	−19 4.7	1.407	2.408	5.2	18.6
6 10	15 33.83	−17 49.9	1.446	2.410	9.8	18.9
6 20	15 28.82	−16 46.4	1.508	2.413	13.9	19.1

174090 2002 GY_{142} 5 20.5 93°.32 1°.3/19.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 18.25	−19 33.3	1.508	2.328	17.7	20.6
4 21	16 14.67	−19 2.7	1.433	2.334	14.0	20.3
5 1	16 8.13	−18 24.0	1.378	2.339	9.6	20.1
5 11	15 59.39	−17 39.4	1.345	2.344	4.8	19.8
5 21	15 49.53	−16 52.5	1.338	2.349	1.4	19.6
5 31	15 39.87	−16 8.1	1.357	2.355	5.8	19.9
6 10	15 31.67	−15 31.4	1.401	2.360	10.5	20.2
6 20	15 25.79	−15 6.0	1.466	2.365	14.7	20.4

480525 2015 MJ_{10} 5 20.5 298°.49 2°.0/21.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 14.22	−28 9.8	2.213	2.999	13.9	21.2
4 21	16 10.87	−27 55.1	2.105	2.982	11.3	21.0
5 1	16 5.26	−27 28.9	2.019	2.965	8.1	20.8
5 11	15 57.92	−26 50.7	1.957	2.948	4.7	20.5
5 21	15 49.60	−26 1.5	1.922	2.931	2.0	20.3
5 31	15 41.25	−25 4.4	1.915	2.915	4.2	20.4
6 10	15 33.84	−24 4.0	1.935	2.898	7.8	20.6
6 20	15 28.10	−23 5.2	1.980	2.882	11.3	20.8

309245 2007 RJ_{29} 5 20.5 174°.47 1°.5/21.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 20.15	−25 59.5	1.632	2.433	17.4	20.4
4 21	16 16.18	−25 44.8	1.547	2.434	14.0	20.2
5 1	16 9.21	−25 17.4	1.483	2.435	9.9	19.9
5 11	15 59.95	−24 37.2	1.441	2.436	5.4	19.7
5 21	15 49.50	−23 45.9	1.426	2.437	1.5	19.4
5 31	15 39.20	−22 47.7	1.437	2.437	5.1	19.6
6 10	15 30.34	−21 49.0	1.473	2.437	9.7	19.9
6 20	15 23.83	−20 55.8	1.533	2.436	13.8	20.2

133828 2003 XK_{28} 5 20.5 272°.47 0°.8/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 16.63	−22 49.6	2.028	2.827	14.5	20.5
4 21	16 12.88	−22 51.5	1.931	2.818	11.6	20.3
5 1	16 6.70	−22 46.4	1.855	2.809	8.2	20.1
5 11	15 58.66	−22 34.3	1.803	2.799	4.3	19.8
5 21	15 49.57	−22 15.9	1.778	2.790	0.8	19.5
5 31	15 40.43	−21 53.4	1.781	2.781	4.4	19.8
6 10	15 32.29	−21 30.2	1.810	2.772	8.4	20.0
6 20	15 25.95	−21 9.8	1.864	2.762	12.0	20.2

186297 2002 CV_{89} 5 20.5 153°.24 0°.9/19.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 14.88	−18 4.9	3.014	3.801	10.5	22.2
4 21	16 10.39	−17 47.6	2.927	3.809	8.3	22.0
5 1	16 4.38	−17 27.0	2.863	3.817	5.7	21.8
5 11	15 57.28	−17 4.2	2.827	3.824	2.8	21.7
5 21	15 49.64	−16 40.7	2.820	3.830	0.9	21.5
5 31	15 42.10	−16 18.4	2.842	3.837	3.4	21.7
6 10	15 35.25	−15 59.2	2.894	3.843	6.2	21.9
6 20	15 29.57	−15 44.9	2.971	3.848	8.7	22.1

186428 2002 RE_{86} 5 20.5 214°.76 2°.6/21.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 21.46	−27 6.6	2.022	2.802	15.2	20.8
4 21	16 16.83	−27 23.8	1.923	2.796	12.3	20.6
5 1	16 9.52	−27 31.9	1.845	2.788	9.0	20.4
5 11	16 0.11	−27 29.3	1.792	2.781	5.3	20.1
5 21	15 49.50	−27 15.4	1.765	2.772	2.6	19.9
5 31	15 38.82	−26 51.6	1.766	2.763	4.8	20.1
6 10	15 29.26	−26 21.7	1.795	2.754	8.6	20.3
6 20	15 21.70	−25 50.2	1.848	2.744	12.2	20.5

114654 2003 ER_{57} 5 20.5 335°.63 14°.0/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 7.80	+ 3 56.8	1.183	2.028	20.0	17.6
4 21	16 7.26	+ 5 28.2	1.103	1.999	17.6	17.3
5 1	16 3.61	+ 6 48.3	1.040	1.972	15.4	17.1
5 11	15 57.41	+ 7 45.0	0.996	1.946	14.1	16.9
5 21	15 49.62	+ 8 7.6	0.970	1.922	14.5	16.9
5 31	15 41.62	+ 7 48.7	0.964	1.900	16.5	16.9
6 10	15 34.87	+ 6 47.0	0.975	1.880	19.6	17.0
6 20	15 30.52	+ 5 7.3	1.002	1.862	22.9	17.1

232220 2002 JZ_{31} 5 20.5 32°.16 2°.3/19.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 16.11	−16 39.0	1.166	2.011	20.3	20.1
4 21	16 13.62	−16 21.0	1.107	2.022	16.0	19.8
5 1	16 7.70	−15 58.3	1.066	2.033	11.0	19.6
5 11	15 59.24	−15 34.0	1.046	2.046	5.6	19.3
5 21	15 49.55	−15 11.7	1.049	2.059	2.5	19.1
5 31	15 40.18	−14 55.4	1.075	2.073	6.9	19.5
6 10	15 32.59	−14 49.1	1.123	2.087	11.9	19.8
6 20	15 27.71	−14 54.8	1.192	2.103	16.4	20.1

461853 2006 GN_5 5 20.5 357°.85 5°.1/18.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 14.75	−12 2.5	1.216	2.062	19.5	20.6
4 21	16 12.52	−11 18.8	1.146	2.060	15.6	20.3
5 1	16 7.01	−10 33.4	1.094	2.059	11.1	20.1
5 11	15 58.97	− 9 51.7	1.063	2.058	6.8	19.8
5 21	15 49.56	− 9 19.3	1.055	2.058	5.3	19.7
5 31	15 40.28	− 9 1.7	1.070	2.058	8.7	19.9
6 10	15 32.56	− 9 2.0	1.107	2.059	13.3	20.2
6 20	15 27.42	− 9 20.8	1.163	2.061	17.6	20.4

106320 2000 UN_{98} 5 20.5 189°.15 1°.6/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 15.88	−26 30.8	2.863	3.634	11.4	20.9
4 21	16 11.47	−26 31.4	2.765	3.633	9.1	20.7
5 1	16 5.28	−26 24.6	2.689	3.632	6.5	20.5
5 11	15 57.79	−26 10.3	2.640	3.630	3.7	20.4
5 21	15 49.62	−25 48.9	2.620	3.628	1.6	20.2
5 31	15 41.49	−25 22.1	2.628	3.626	3.4	20.3
6 10	15 34.11	−24 52.4	2.665	3.623	6.2	20.5
6 20	15 28.06	−24 22.8	2.729	3.620	8.9	20.7

308813 2006 QD_{124} 5 20.5 283°.84 4°.8/22.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 20.26	−31 25.8	1.682	2.467	17.6	20.6
4 21	16 16.96	−31 48.8	1.567	2.438	14.7	20.3
5 1	16 10.33	−31 58.6	1.471	2.408	11.2	20.0
5 11	16 0.84	−31 51.2	1.397	2.378	7.5	19.7
5 21	15 49.46	−31 24.1	1.347	2.348	4.8	19.5
5 31	15 37.64	−30 37.9	1.323	2.317	6.5	19.5
6 10	15 27.00	−29 37.9	1.324	2.286	10.7	19.7
6 20	15 18.84	−28 32.0	1.347	2.254	15.1	19.8

389530 2010 JC_{63} 5 20.5 328°.76 3°.9/22.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 11.88	−28 48.7	1.594	2.405	17.3	20.0
4 21	16 10.25	−29 13.8	1.485	2.375	14.3	19.7
5 1	16 5.61	−29 27.5	1.396	2.345	10.7	19.5
5 11	15 58.42	−29 27.2	1.328	2.317	6.8	19.1
5 21	15 49.58	−29 11.5	1.284	2.289	4.0	18.9
5 31	15 40.41	−28 41.3	1.265	2.263	6.0	19.0
6 10	15 32.36	−28 1.3	1.269	2.238	10.3	19.1
6 20	15 26.62	−27 17.6	1.295	2.213	14.7	19.3

433970 1999 TS_{115} 5 20.5 283°.22 7°.1/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 22.84	−33 56.5	1.657	2.432	18.2	21.4
4 21	16 19.37	−35 1.5	1.546	2.405	15.6	21.1
5 1	16 12.27	−35 56.2	1.454	2.378	12.4	20.8
5 11	16 1.96	−36 34.4	1.383	2.351	9.1	20.6
5 21	15 49.41	−36 50.8	1.336	2.323	7.2	20.4
5 31	15 36.23	−36 42.7	1.314	2.296	8.3	20.4
6 10	15 24.26	−36 13.1	1.316	2.268	11.7	20.5
6 20	15 14.99	−35 29.4	1.340	2.239	15.7	20.6

270573 2002 JD_{76} 5 20.5 74°.58 3°.8/18.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 15.38	−14 30.6	1.794	2.613	15.4	20.1
4 21	16 11.73	−13 20.2	1.724	2.623	12.1	19.9
5 1	16 5.73	−12 5.0	1.675	2.633	8.5	19.7
5 11	15 58.06	−10 49.9	1.650	2.644	5.0	19.5
5 21	15 49.63	− 9 40.1	1.653	2.655	4.0	19.5
5 31	15 41.43	− 8 41.0	1.682	2.665	6.8	19.7
6 10	15 34.43	− 7 56.7	1.737	2.676	10.3	19.9
6 20	15 29.26	− 7 29.3	1.815	2.686	13.6	20.1

505338 2013 AJ_{74} 5 20.5 157°.28 5°.5/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 14.74	− 0 27.0	2.954	3.735	10.8	22.0
4 21	16 10.22	+ 0 9.2	2.878	3.742	9.0	21.9
5 1	16 4.23	+ 0 39.8	2.824	3.748	7.1	21.7
5 11	15 57.20	+ 1 1.8	2.798	3.754	5.8	21.7
5 21	15 49.67	+ 1 12.7	2.798	3.759	5.6	21.7
5 31	15 42.24	+ 1 10.8	2.827	3.764	6.8	21.7
6 10	15 35.48	+ 0 55.7	2.882	3.768	8.6	21.9
6 20	15 29.85	+ 0 28.2	2.961	3.772	10.5	22.0

284977 2010 GV_{96} 5 20.5 347°.27 9°.7/15.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 12.98	+ 2 4.5	1.742	2.554	16.0	20.0
4 21	16 10.00	+ 3 18.2	1.671	2.549	13.6	19.8
5 1	16 4.67	+ 4 22.7	1.621	2.545	11.3	19.7
5 11	15 57.61	+ 5 10.8	1.594	2.542	9.9	19.6
5 21	15 49.65	+ 5 36.8	1.589	2.539	10.0	19.6
5 31	15 41.78	+ 5 37.0	1.608	2.537	11.6	19.7
6 10	15 34.99	+ 5 11.0	1.650	2.535	14.0	19.8
6 20	15 29.98	+ 4 21.5	1.710	2.533	16.5	20.0

130448 2000 QP_{43} 5 20.6 182°.98 3°.1/19.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 18.64	−15 12.0	1.549	2.370	17.2	20.2
4 21	16 14.91	−14 35.2	1.469	2.371	13.7	20.0
5 1	16 8.31	−13 54.0	1.410	2.371	9.5	19.7
5 11	15 59.51	−13 11.7	1.374	2.370	5.2	19.5
5 21	15 49.56	−12 32.4	1.363	2.370	3.3	19.4
5 31	15 39.72	−12 0.7	1.378	2.370	6.8	19.6
6 10	15 31.24	−11 40.6	1.418	2.369	11.2	19.8
6 20	15 24.99	−11 34.2	1.480	2.368	15.2	20.1

417877 2007 PP_{19} 5 20.6 301°.78 3°.5/19.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 14.67	−16 11.3	1.302	2.143	18.8	21.3
4 21	16 12.64	−15 27.1	1.210	2.122	15.1	21.0
5 1	16 7.33	−14 34.7	1.135	2.101	10.6	20.7
5 11	15 59.29	−13 37.9	1.083	2.081	5.8	20.3
5 21	15 49.57	−12 41.9	1.053	2.061	3.7	20.1
5 31	15 39.64	−11 53.4	1.048	2.041	7.9	20.3
6 10	15 31.05	−11 19.0	1.064	2.022	13.2	20.5
6 20	15 24.99	−11 2.7	1.101	2.003	18.1	20.8

50712 2000 EV_{134} 5 20.6 175°.31 5°.7/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 14.45	− 5 41.2	2.256	3.060	13.1	19.2
4 21	16 10.55	− 4 41.6	2.176	3.061	10.6	19.0
5 1	16 4.73	− 3 44.3	2.120	3.062	8.0	18.8
5 11	15 57.55	− 2 53.8	2.088	3.062	6.1	18.7
5 21	15 49.67	− 2 14.1	2.084	3.063	5.8	18.7
5 31	15 41.89	− 1 48.6	2.107	3.063	7.6	18.8
6 10	15 34.97	− 1 39.0	2.155	3.063	10.1	18.9
6 20	15 29.50	− 1 45.5	2.225	3.063	12.7	19.1

519975 2013 TA_{167} 5 20.6 190°.34 4°.2/22.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 21.45	−29 42.8	1.879	2.658	16.2	22.2
4 21	16 17.12	−30 26.1	1.790	2.658	13.3	22.0
5 1	16 9.89	−30 59.7	1.721	2.657	10.0	21.7
5 11	16 0.37	−31 20.5	1.676	2.657	6.5	21.5
5 21	15 49.54	−31 26.4	1.656	2.656	4.3	21.4
5 31	15 38.67	−31 17.9	1.664	2.655	5.7	21.5
6 10	15 29.06	−30 58.4	1.697	2.655	9.1	21.7
6 20	15 21.65	−30 33.0	1.754	2.653	12.6	21.9

249177 2008 CT_{63} 5 20.6 260°.84 1°.5/19.8 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 19.07	−19 1.9	1.842	2.647	15.5	21.4
4 21	16 15.16	−18 28.8	1.732	2.625	12.4	21.1
5 1	16 8.53	−17 47.6	1.644	2.601	8.7	20.8
5 11	15 59.72	−17 0.0	1.579	2.577	4.4	20.5
5 21	15 49.57	−16 8.7	1.542	2.553	1.6	20.3
5 31	15 39.23	−15 18.2	1.532	2.527	5.6	20.5
6 10	15 29.90	−14 33.6	1.548	2.501	10.2	20.7
6 20	15 22.54	−13 59.3	1.587	2.474	14.4	20.9

369598 2011 CF_{31} 5 20.6 160°.37 0°.3/20.4 17 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 19.49	−20 29.4	2.059	2.855	14.4	22.1
4 21	16 14.87	−20 17.8	1.974	2.860	11.4	21.9
5 1	16 7.90	−20 0.1	1.910	2.865	7.9	21.6
5 11	15 59.20	−19 37.2	1.872	2.869	3.9	21.4
5 21	15 49.61	−19 10.7	1.861	2.873	0.4	21.1
5 31	15 40.13	−18 43.3	1.878	2.876	4.4	21.5
6 10	15 31.73	−18 18.4	1.923	2.879	8.3	21.7
6 20	15 25.15	−17 58.9	1.992	2.881	11.8	21.9

499928 2011 HA_{26} 5 20.6 7°.52 1°.3/20.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 19.51	−20 4.3	1.530	2.347	17.6	20.3
4 21	16 15.94	−20 54.4	1.450	2.347	14.1	20.1
5 1	16 9.26	−21 42.6	1.390	2.349	9.9	19.8
5 11	16 0.12	−22 27.1	1.354	2.351	5.2	19.5
5 21	15 49.57	−23 5.9	1.342	2.353	1.3	19.3
5 31	15 38.98	−23 38.6	1.356	2.357	5.3	19.6
6 10	15 29.76	−24 6.4	1.396	2.361	10.0	19.8
6 20	15 22.94	−24 31.9	1.458	2.365	14.1	20.1

28840 2000 JB_{44} 5 20.6 71°.12 0°.8/20.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 19.30	−18 29.8	1.614	2.429	16.9	18.0
4 21	16 15.28	−18 30.2	1.543	2.440	13.4	17.8
5 1	16 8.46	−18 26.2	1.492	2.451	9.2	17.5
5 11	15 59.56	−18 18.7	1.464	2.462	4.6	17.3
5 21	15 49.61	−18 9.1	1.462	2.474	0.9	17.0
5 31	15 39.87	−18 0.0	1.486	2.485	5.2	17.4
6 10	15 31.50	−17 54.4	1.536	2.496	9.7	17.7
6 20	15 25.35	−17 54.9	1.609	2.508	13.6	17.9

389800 2011 UD_{152} 5 20.6 287°.51 3°.4/22.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 18.27	−28 52.9	2.240	3.015	14.0	21.0
4 21	16 14.12	−29 30.3	2.143	3.010	11.5	20.9
5 1	16 7.57	−29 59.8	2.067	3.004	8.5	20.7
5 11	15 59.14	−30 19.0	2.016	2.998	5.5	20.5
5 21	15 49.63	−30 26.9	1.991	2.993	3.5	20.3
5 31	15 40.03	−30 23.6	1.995	2.987	4.9	20.4
6 10	15 31.39	−30 11.7	2.025	2.982	7.9	20.6
6 20	15 24.51	−29 54.9	2.080	2.976	11.0	20.7

300085 2006 UF_{226} 5 20.6 142°.22 5°.9/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 21.20	−37 18.8	2.449	3.183	14.0	20.8
4 21	16 16.41	−38 10.3	2.359	3.188	11.9	20.6
5 1	16 9.12	−38 50.0	2.290	3.191	9.6	20.4
5 11	15 59.90	−39 14.3	2.245	3.195	7.3	20.3
5 21	15 49.60	−39 21.0	2.226	3.199	6.0	20.2
5 31	15 39.29	−39 10.2	2.233	3.202	6.4	20.3
6 10	15 30.03	−38 44.7	2.268	3.206	8.3	20.4
6 20	15 22.66	−38 9.3	2.327	3.209	10.6	20.5

112962 2002 RV_{14} 5 20.6 290°.61 1°.3/21.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 17.53	−23 44.1	1.574	2.386	17.4	20.0
4 21	16 14.62	−23 47.1	1.469	2.363	14.1	19.7
5 1	16 8.57	−23 40.8	1.384	2.340	10.1	19.4
5 11	15 59.91	−23 24.2	1.321	2.317	5.4	19.1
5 21	15 49.59	−22 57.9	1.283	2.294	1.3	18.7
5 31	15 38.99	−22 24.3	1.270	2.271	5.5	18.9
6 10	15 29.56	−21 48.6	1.282	2.248	10.6	19.2
6 20	15 22.48	−21 16.3	1.317	2.225	15.3	19.4

368789 2005 XF_{8} 5 20.6 243°.32 3°.8/18.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 17.50	−12 0.4	2.218	3.020	13.4	22.1
4 21	16 13.23	−11 9.8	2.113	3.002	10.7	21.9
5 1	16 6.81	−10 16.4	2.031	2.983	7.7	21.7
5 11	15 58.72	− 9 23.3	1.974	2.964	4.8	21.4
5 21	15 49.67	− 8 34.5	1.945	2.944	4.0	21.4
5 31	15 40.55	− 7 53.9	1.945	2.923	6.4	21.5
6 10	15 32.26	− 7 25.1	1.971	2.901	9.7	21.6
6 20	15 25.51	− 7 9.8	2.021	2.879	12.9	21.8

137322 1999 TR_{32} 5 20.6 312°.07 1°.3/20.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 13.16	−19 44.2	1.292	2.132	18.9	19.9
4 21	16 11.73	−19 21.6	1.190	2.103	15.3	19.5
5 1	16 6.92	−18 48.7	1.107	2.073	10.8	19.2
5 11	15 59.23	−18 7.0	1.044	2.044	5.5	18.8
5 21	15 49.64	−17 19.8	1.004	2.016	1.5	18.4
5 31	15 39.63	−16 32.3	0.988	1.988	6.9	18.7
6 10	15 30.87	−15 51.4	0.994	1.961	12.7	18.9
6 20	15 24.71	−15 23.2	1.019	1.935	18.1	19.1

191930 2005 SC_{257} 5 20.6 282°.53 2°.7/19.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 17.82	−16 38.2	1.321	2.154	19.0	21.5
4 21	16 15.14	−16 11.0	1.230	2.138	15.3	21.2
5 1	16 9.07	−15 37.5	1.157	2.121	10.7	20.9
5 11	16 0.20	−15 0.3	1.106	2.105	5.7	20.6
5 21	15 49.60	−14 23.3	1.078	2.088	2.8	20.4
5 31	15 38.81	−13 51.6	1.075	2.071	7.3	20.6
6 10	15 29.41	−13 30.6	1.095	2.055	12.7	20.8
6 20	15 22.62	−13 23.8	1.135	2.038	17.6	21.0

107352 2001 CQ_{26} 5 20.6 211°.72 3°.1/19.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 20.02	−13 33.1	1.992	2.794	14.6	20.5
4 21	16 15.42	−13 3.0	1.898	2.788	11.7	20.3
5 1	16 8.41	−12 30.7	1.825	2.780	8.2	20.1
5 11	15 59.54	−11 58.6	1.778	2.772	4.7	19.9
5 21	15 49.65	−11 29.8	1.758	2.763	3.2	19.7
5 31	15 39.74	−11 7.6	1.766	2.753	6.0	19.9
6 10	15 30.85	−10 54.9	1.800	2.742	9.8	20.1
6 20	15 23.76	−10 53.3	1.859	2.731	13.3	20.3

426923 2013 WL_{107} 5 20.6 289°.75 1°.6/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 16.53	−28 8.0	1.773	2.570	16.4	20.5
4 21	16 13.18	−27 32.0	1.680	2.563	13.2	20.2
5 1	16 7.08	−26 40.2	1.606	2.556	9.5	20.0
5 11	15 58.92	−25 33.0	1.556	2.549	5.2	19.7
5 21	15 49.68	−24 12.9	1.532	2.543	1.6	19.5
5 31	15 40.54	−22 45.4	1.536	2.536	4.8	19.7
6 10	15 32.68	−21 17.8	1.565	2.529	9.2	19.9
6 20	15 26.94	−19 57.1	1.619	2.523	13.2	20.1

123879 2001 DP_{34} 5 20.6 34°.22 6°.7/17.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 14.88	− 5 41.6	1.652	2.475	16.3	19.2
4 21	16 11.55	− 4 50.3	1.586	2.482	13.2	19.0
5 1	16 5.76	− 4 3.5	1.540	2.489	9.9	18.9
5 11	15 58.17	− 3 26.4	1.518	2.497	7.3	18.7
5 21	15 49.72	− 3 3.9	1.520	2.505	6.8	18.7
5 31	15 41.45	− 2 59.1	1.547	2.514	8.9	18.9
6 10	15 34.39	− 3 13.3	1.598	2.523	12.0	19.1
6 20	15 29.25	− 3 45.0	1.670	2.532	15.0	19.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
62928 2000 VV_{14}			5 20.6 157°.89		2°.6/19.0 18	
	h m	° ′			°	m
4 11	16 16.57	−15 42.8	2.092	2.897	13.9	20.2
4 21	16 12.44	−14 56.7	2.009	2.901	11.0	20.0
5 1	16 6.16	−14 6.1	1.948	2.905	7.6	19.8
5 11	15 58.32	−13 14.1	1.913	2.909	4.2	19.6
5 21	15 49.71	−12 24.1	1.906	2.912	2.7	19.5
5 31	15 41.23	−11 40.1	1.926	2.915	5.5	19.7
6 10	15 33.76	−11 5.6	1.973	2.917	9.0	19.9
6 20	15 27.96	−10 42.9	2.045	2.919	12.2	20.1
280342 2003 SL_{172}			5 20.6 242°.36		3°.5/18.6 17	
4 11	16 15.48	−12 32.0	2.032	2.842	14.1	20.9
4 21	16 11.74	−11 51.8	1.942	2.837	11.2	20.7
5 1	16 5.80	−11 9.7	1.875	2.831	7.9	20.5
5 11	15 58.20	−10 28.9	1.833	2.825	4.7	20.3
5 21	15 49.73	− 9 52.9	1.818	2.819	3.7	20.2
5 31	15 41.28	− 9 25.2	1.830	2.813	6.2	20.3
6 10	15 33.79	− 9 8.7	1.868	2.807	9.6	20.5
6 20	15 27.96	− 9 4.9	1.929	2.801	12.9	20.7
343417 2010 CE_{248}			5 20.6 337°.17		5°.5/18.1 17	
4 11	16 14.90	− 7 56.8	1.753	2.573	15.6	20.6
4 21	16 11.59	− 7 15.9	1.673	2.570	12.6	20.4
5 1	16 5.85	− 6 37.0	1.614	2.566	9.2	20.2
5 11	15 58.28	− 6 4.9	1.578	2.563	6.3	20.0
5 21	15 49.73	− 5 43.6	1.567	2.560	5.7	20.0
5 31	15 41.24	− 5 36.5	1.583	2.557	8.0	20.1
6 10	15 33.84	− 5 45.5	1.622	2.555	11.3	20.3
6 20	15 28.28	− 6 10.3	1.684	2.553	14.6	20.5
216247 2006 VX_{89}			5 20.6 112°.46		2°.2/18.9 18	
4 11	16 14.08	−16 30.7	2.477	3.277	12.2	20.5
4 21	16 10.08	−15 34.9	2.397	3.287	9.5	20.3
5 1	16 4.32	−14 34.4	2.340	3.296	6.6	20.1
5 11	15 57.34	−13 32.2	2.310	3.305	3.5	20.0
5 21	15 49.78	−12 31.7	2.308	3.314	2.3	19.9
5 31	15 42.39	−11 36.6	2.336	3.323	4.8	20.1
6 10	15 35.85	−10 50.2	2.391	3.332	7.8	20.3
6 20	15 30.68	−10 14.6	2.471	3.340	10.5	20.5
266915 2009 XX_{12}			5 20.6 256°.81		0°.9/20.2 17	
4 11	16 17.09	−19 30.5	1.871	2.679	15.2	20.8
4 21	16 13.40	−19 12.7	1.776	2.670	12.1	20.6
5 1	16 7.17	−18 48.6	1.702	2.661	8.4	20.4
5 11	15 58.99	−18 19.4	1.653	2.651	4.2	20.1
5 21	15 49.70	−17 47.3	1.630	2.642	0.9	19.8
5 31	15 40.40	−17 15.5	1.635	2.632	5.0	20.1
6 10	15 32.17	−16 47.9	1.665	2.623	9.3	20.3
6 20	15 25.83	−16 27.9	1.719	2.613	13.1	20.5
120180 2003 QH_{104}			5 20.6 316°.53		8°.8/16.8 18	
4 11	16 15.42	+ 0 13.9	1.706	2.517	16.3	19.3
4 21	16 12.10	+ 1 6.3	1.625	2.507	13.7	19.1
5 1	16 6.28	+ 1 50.1	1.565	2.497	11.1	19.0
5 11	15 58.53	+ 2 18.8	1.527	2.488	9.2	18.8
5 21	15 49.74	+ 2 27.4	1.514	2.479	9.0	18.8
5 31	15 40.95	+ 2 12.4	1.524	2.470	10.8	18.9
6 10	15 33.23	+ 1 33.6	1.557	2.461	13.6	19.0
6 20	15 27.41	+ 0 33.4	1.611	2.453	16.5	19.2
285477 2000 BH_{10}			5 20.6 214°.28		2°.1/19.4 18	
4 11	16 16.22	−15 11.2	2.258	3.060	13.1	21.4
4 21	16 12.12	−14 47.3	2.165	3.056	10.4	21.2
5 1	16 5.96	−14 20.7	2.095	3.051	7.2	21.0
5 11	15 58.27	−13 53.3	2.050	3.046	3.9	20.7
5 21	15 49.75	−13 27.5	2.033	3.041	2.2	20.6
5 31	15 41.27	−13 6.1	2.045	3.035	5.0	20.8
6 10	15 33.65	−12 51.5	2.083	3.029	8.4	21.0
6 20	15 27.57	−12 45.5	2.146	3.023	11.5	21.2
499668 2010 VO_{161}			5 20.6 242°.76		0°.5/20.8 17	
4 11	16 19.73	−22 56.5	1.870	2.667	15.6	22.5
4 21	16 15.65	−22 46.6	1.767	2.654	12.6	22.3
5 1	16 8.85	−22 27.9	1.686	2.640	8.8	22.0
5 11	15 59.89	−22 0.6	1.629	2.625	4.6	21.8
5 21	15 49.68	−21 25.8	1.598	2.610	0.5	21.4
5 31	15 39.37	−20 46.6	1.595	2.595	4.8	21.7
6 10	15 30.16	−20 7.5	1.619	2.579	9.3	21.9
6 20	15 22.97	−19 33.2	1.666	2.562	13.3	22.1
508109 2015 DD_{179}			5 20.6 269°.49		2°.2/21.8 17	
4 11	16 17.27	−28 8.1	1.824	2.618	16.1	20.9
4 21	16 13.75	−27 54.2	1.730	2.611	13.1	20.6
5 1	16 7.51	−27 26.9	1.656	2.604	9.4	20.4
5 11	15 59.18	−26 45.6	1.606	2.598	5.4	20.1
5 21	15 49.72	−25 51.7	1.582	2.591	2.2	19.9
5 31	15 40.31	−24 48.8	1.584	2.584	4.8	20.1
6 10	15 32.14	−23 42.9	1.613	2.577	8.9	20.3
6 20	15 26.05	−22 40.3	1.665	2.570	12.8	20.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
457615 2009 BD_{85}			5 20.6 14°.51		2°.5/21.6 17	
	h m	° ′			°	m
4 11	16 12.17	−26 4.7	1.022	1.872	22.2	20.2
4 21	16 11.34	−26 9.7	0.962	1.876	17.9	19.9
5 1	16 6.64	−25 58.6	0.917	1.882	12.7	19.6
5 11	15 58.96	−25 31.1	0.892	1.889	7.1	19.4
5 21	15 49.73	−24 48.9	0.887	1.898	2.5	19.1
5 31	15 40.79	−23 57.6	0.905	1.908	6.4	19.4
6 10	15 33.86	−23 5.7	0.943	1.920	11.9	19.7
6 20	15 29.99	−22 20.7	1.001	1.933	16.8	20.0
228529 2001 UE_{116}			5 20.6 179°.11		0°.6/20.9 18	
4 11	16 20.37	−22 9.3	2.192	2.979	13.9	21.7
4 21	16 15.55	−22 14.7	2.101	2.981	11.1	21.5
5 1	16 8.42	−22 14.1	2.031	2.982	7.8	21.3
5 11	15 59.54	−22 7.6	1.987	2.982	4.0	21.0
5 21	15 49.72	−21 55.5	1.970	2.982	0.6	20.8
5 31	15 39.94	−21 39.8	1.983	2.982	4.1	21.0
6 10	15 31.17	−21 23.2	2.023	2.980	7.9	21.3
6 20	15 24.14	−21 8.8	2.088	2.979	11.2	21.5
48910 1998 MF_{48}			5 20.6 316°.45		2°.3/19.8 18	
4 11	16 14.06	−16 27.2	1.320	2.160	18.6	19.2
4 21	16 12.24	−16 14.9	1.225	2.137	15.0	18.9
5 1	16 7.15	−15 58.1	1.148	2.114	10.5	18.6
5 11	15 59.32	−15 39.1	1.093	2.092	5.5	18.2
5 21	15 49.73	−15 20.8	1.061	2.071	2.4	18.0
5 31	15 39.84	−15 7.1	1.052	2.050	6.9	18.2
6 10	15 31.22	−15 2.3	1.066	2.031	12.4	18.4
6 20	15 25.11	−15 9.4	1.100	2.012	17.4	18.6
132646 2002 LT_{45}			5 20.6 295°.03		2°.3/19.7 18	
4 11	16 17.28	−14 39.9	1.930	2.740	14.8	19.6
4 21	16 13.71	−14 32.6	1.815	2.709	11.9	19.4
5 1	16 7.57	−14 23.9	1.720	2.678	8.4	19.1
5 11	15 59.34	−14 15.2	1.651	2.647	4.5	18.8
5 21	15 49.74	−14 8.6	1.607	2.616	2.3	18.6
5 31	15 39.82	−14 6.4	1.591	2.584	5.7	18.7
6 10	15 30.70	−14 11.0	1.601	2.553	10.0	18.9
6 20	15 23.36	−14 24.3	1.634	2.521	14.0	19.1
272062 2005 EC_{196}			5 20.6 357°.85		1°.4/21.1 17	
4 11	16 11.37	−23 26.4	1.104	1.953	20.9	19.7
4 21	16 10.54	−23 33.1	1.033	1.949	16.8	19.4
5 1	16 6.08	−23 28.3	0.979	1.945	11.9	19.1
5 11	15 58.73	−23 11.7	0.944	1.943	6.3	18.8
5 21	15 49.77	−22 44.7	0.931	1.943	1.4	18.5
5 31	15 40.87	−22 11.7	0.941	1.944	6.2	18.8
6 10	15 33.73	−21 39.0	0.971	1.946	11.8	19.1
6 20	15 29.47	−21 12.6	1.021	1.950	16.8	19.4
377713 2005 WE_{99}			5 20.6 335°.55		1°.4/21.4 17	
4 11	16 16.03	−27 50.5	1.671	2.474	17.0	20.0
4 21	16 12.91	−27 9.4	1.583	2.470	13.7	19.7
5 1	16 6.96	−26 11.8	1.515	2.467	9.7	19.5
5 11	15 58.91	−24 58.5	1.470	2.465	5.3	19.2
5 21	15 49.77	−23 32.6	1.451	2.462	1.4	19.0
5 31	15 40.81	−22 0.4	1.459	2.460	4.9	19.2
6 10	15 33.20	−20 29.7	1.493	2.458	9.4	19.4
6 20	15 27.78	−19 7.8	1.550	2.456	13.5	19.7
285376 1999 TB_{125}			5 20.6 306°.14		1°.4/21.1 17	
4 11	16 15.51	−23 58.7	1.376	2.202	18.8	20.6
4 21	16 13.52	−24 2.4	1.275	2.177	15.3	20.3
5 1	16 8.15	−23 55.4	1.191	2.151	11.0	19.9
5 11	15 59.87	−23 36.8	1.129	2.126	5.9	19.6
5 21	15 49.72	−23 6.8	1.090	2.102	1.4	19.2
5 31	15 39.18	−22 28.4	1.075	2.077	6.0	19.4
6 10	15 29.94	−21 47.6	1.084	2.053	11.6	19.6
6 20	15 23.30	−21 11.0	1.113	2.030	16.7	19.9
193032 2000 ED_{80}			5 20.6 112°.59		3°.2/21.8 18	
4 11	16 23.81	−27 8.5	1.465	2.265	19.1	21.0
4 21	16 19.51	−27 34.6	1.392	2.275	15.5	20.8
5 1	16 11.78	−27 49.4	1.337	2.285	11.2	20.5
5 11	16 1.41	−27 50.3	1.305	2.295	6.6	20.3
5 21	15 49.67	−27 36.5	1.297	2.305	3.3	20.1
5 31	15 38.13	−27 10.1	1.316	2.314	5.8	20.3
6 10	15 28.30	−26 36.7	1.359	2.323	10.3	20.6
6 20	15 21.22	−26 2.7	1.424	2.331	14.4	20.8
417957 2007 TF_{77}			5 20.6 206°.93		0°.7/20.2 17	
4 11	16 20.22	−20 49.0	1.887	2.686	15.4	22.4
4 21	16 15.82	−20 18.7	1.793	2.681	12.3	22.1
5 1	16 8.81	−19 40.0	1.720	2.676	8.5	21.9
5 11	15 59.82	−18 54.1	1.672	2.669	4.3	21.6
5 21	15 49.74	−18 3.7	1.651	2.662	0.8	21.4
5 31	15 39.71	−17 13.1	1.658	2.655	5.0	21.6
6 10	15 30.83	−16 27.0	1.691	2.647	9.3	21.9
6 20	15 23.92	−15 49.5	1.749	2.638	13.2	22.1

275820 2001 RX_{48} 5 20.6 145°.34 5°.2/23.1 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 31.51	−36 11.6	2.838	3.546	12.8	22.2
4 21	16 24.13	−37 17.4	2.749	3.562	10.8	22.0
5 1	16 14.27	−38 13.1	2.683	3.577	8.6	21.9
5 11	16 2.49	−38 54.8	2.643	3.591	6.5	21.8
5 21	15 49.63	−39 19.7	2.633	3.604	5.3	21.7
5 31	15 36.75	−39 27.1	2.653	3.617	5.8	21.8
6 10	15 24.88	−39 19.4	2.701	3.628	7.6	21.9
6 20	15 14.86	−39 0.7	2.777	3.638	9.7	22.1

311450 2005 UB_{293} 5 20.6 235°.30 0°.5/20.9 18

4 11	16 14.45	−23 53.2	2.616	3.402	12.0	21.7
4 21	16 10.55	−23 32.7	2.515	3.395	9.5	21.5
5 1	16 4.79	−23 4.6	2.437	3.388	6.7	21.3
5 11	15 57.68	−22 29.5	2.385	3.381	3.5	21.1
5 21	15 49.84	−21 48.9	2.361	3.373	0.5	20.8
5 31	15 42.04	−21 5.5	2.367	3.366	3.5	21.0
6 10	15 35.03	−20 22.5	2.400	3.358	6.8	21.2
6 20	15 29.38	−19 43.1	2.459	3.350	9.8	21.4

377765 2005 YH_{87} 5 20.6 135°.49 0°.9/21.0 17

4 11	16 18.23	−23 46.3	1.943	2.739	15.1	21.9
4 21	16 14.14	−23 39.8	1.858	2.744	12.1	21.7
5 1	16 7.57	−23 24.8	1.795	2.748	8.5	21.4
5 11	15 59.15	−23 1.4	1.756	2.752	4.4	21.2
5 21	15 49.78	−22 30.9	1.744	2.756	0.9	21.0
5 31	15 40.53	−21 56.4	1.760	2.760	4.4	21.2
6 10	15 32.43	−21 21.7	1.802	2.763	8.4	21.5
6 20	15 26.25	−20 50.9	1.868	2.767	12.0	21.7

215298 2001 SC_{83} 5 20.6 253°.20 4°.3/17.7 16

4 11	16 14.05	−10 7.3	2.318	3.124	12.7	20.6
4 21	16 10.36	− 9 11.7	2.222	3.112	10.2	20.5
5 1	16 4.74	− 8 14.8	2.149	3.100	7.4	20.3
5 11	15 57.69	− 7 20.3	2.102	3.088	4.9	20.1
5 21	15 49.85	− 6 32.1	2.083	3.076	4.5	20.0
5 31	15 42.02	− 5 53.9	2.091	3.063	6.5	20.1
6 10	15 34.98	− 5 28.6	2.126	3.051	9.4	20.3
6 20	15 29.34	− 5 17.5	2.184	3.038	12.3	20.4

475230 2005 VD_{125} 5 20.6 229°.35 4°.7/24.6 18

4 11	16 19.08	−39 44.5	2.993	3.706	12.1	21.7
4 21	16 14.22	−39 41.6	2.881	3.696	10.3	21.5
5 1	16 7.33	−39 24.7	2.790	3.684	8.3	21.3
5 11	15 58.95	−38 51.9	2.723	3.673	6.3	21.2
5 21	15 49.81	−38 2.8	2.684	3.661	4.9	21.1
5 31	15 40.75	−36 58.9	2.674	3.648	5.1	21.1
6 10	15 32.61	−35 44.1	2.692	3.635	6.8	21.2
6 20	15 26.02	−34 23.4	2.736	3.622	9.1	21.3

313656 2003 SY_{176} 5 20.6 161°.61 4°.7/22.3 17

4 11	16 24.57	−30 7.9	1.766	2.543	17.2	21.3
4 21	16 19.84	−30 56.4	1.680	2.546	14.2	21.1
5 1	16 11.94	−31 34.6	1.615	2.550	10.6	20.8
5 11	16 1.53	−31 58.8	1.573	2.553	7.0	20.6
5 21	15 49.70	−32 6.2	1.556	2.555	4.7	20.5
5 31	15 37.86	−31 57.2	1.566	2.557	6.2	20.6
6 10	15 27.43	−31 35.7	1.603	2.559	9.7	20.8
6 20	15 19.45	−31 7.4	1.662	2.560	13.2	21.0

157324 2004 TN_{6} 5 20.6 273°.95 5°.4/18.6 18

4 11	16 19.33	− 5 55.5	1.894	2.698	15.2	20.1
4 21	16 15.12	− 5 39.9	1.795	2.682	12.4	19.9
5 1	16 8.40	− 5 29.3	1.718	2.665	9.3	19.6
5 11	15 59.69	− 5 27.5	1.665	2.648	6.4	19.4
5 21	15 49.79	− 5 37.5	1.638	2.630	5.6	19.3
5 31	15 39.75	− 6 1.3	1.639	2.613	7.8	19.4
6 10	15 30.64	− 6 39.6	1.664	2.596	11.2	19.6
6 20	15 23.34	− 7 31.4	1.713	2.578	14.6	19.7

492363 2014 HK_{47} 5 20.6 343°.45 2°.1/19.5 15

4 11	16 13.42	−15 24.0	2.117	2.929	13.6	21.5
4 21	16 10.09	−15 3.3	2.029	2.925	10.7	21.3
5 1	16 4.67	−14 39.9	1.963	2.921	7.4	21.1
5 11	15 57.69	−14 15.9	1.922	2.918	4.0	20.9
5 21	15 49.89	−13 53.7	1.907	2.916	2.2	20.8
5 31	15 42.12	−13 36.0	1.920	2.913	5.0	21.0
6 10	15 35.26	−13 25.2	1.960	2.911	8.5	21.2
6 20	15 29.96	−13 23.0	2.023	2.909	11.8	21.4

132577 2002 JQ_{114} 5 20.6 8°.83 5°.1/18.9 18

4 11	16 18.62	− 6 39.3	1.778	2.589	15.8	19.5
4 21	16 14.51	− 6 31.2	1.698	2.589	12.7	19.3
5 1	16 7.88	− 6 28.6	1.639	2.589	9.4	19.1
5 11	15 59.36	− 6 34.9	1.605	2.590	6.2	18.9
5 21	15 49.82	− 6 52.2	1.596	2.591	5.2	18.8
5 31	15 40.35	− 7 22.0	1.613	2.592	7.4	18.9
6 10	15 31.99	− 8 4.4	1.656	2.594	10.8	19.1
6 20	15 25.55	− 8 58.0	1.722	2.595	14.1	19.4

500071 2011 VE_{19} 5 20.6 252°.81 1°.1/21.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 17.24	−22 48.0	2.411	3.197	12.8	21.2
4 21	16 13.02	−23 6.0	2.311	3.190	10.3	21.0
5 1	16 6.68	−23 19.0	2.233	3.183	7.2	20.8
5 11	15 58.72	−23 26.6	2.181	3.176	3.9	20.6
5 21	15 49.85	−23 28.7	2.157	3.168	1.1	20.3
5 31	15 40.92	−23 26.4	2.162	3.160	3.8	20.5
6 10	15 32.80	−23 21.6	2.194	3.153	7.3	20.7
6 20	15 26.22	−23 17.0	2.251	3.145	10.4	20.9

437138 2012 VN_{3} 5 20.6 198°.90 1°.2/19.9 17

4 11	16 16.06	−17 58.8	2.251	3.051	13.2	22.0
4 21	16 12.04	−17 38.9	2.160	3.050	10.5	21.8
5 1	16 5.94	−17 14.7	2.092	3.048	7.2	21.6
5 11	15 58.31	−16 47.6	2.049	3.046	3.6	21.3
5 21	15 49.87	−16 19.7	2.033	3.044	1.3	21.1
5 31	15 41.48	−15 53.6	2.046	3.042	4.4	21.4
6 10	15 33.99	−15 32.2	2.087	3.039	8.0	21.6
6 20	15 28.06	−15 17.8	2.151	3.037	11.2	21.8

423876 2006 RA_{57} 5 20.6 219°.09 1°.3/19.9 17

4 11	16 19.98	−18 17.5	2.145	2.940	14.0	22.2
4 21	16 15.34	−17 55.5	2.044	2.930	11.1	22.0
5 1	16 8.37	−17 28.3	1.965	2.919	7.7	21.7
5 11	15 59.60	−16 57.1	1.911	2.908	3.9	21.5
5 21	15 49.82	−16 24.1	1.885	2.896	1.3	21.3
5 31	15 40.01	−15 52.3	1.888	2.883	4.8	21.5
6 10	15 31.13	−15 25.1	1.918	2.869	8.7	21.7
6 20	15 23.97	−15 5.3	1.973	2.855	12.2	21.9

344035 2012 MQ_{5} 5 20.6 340°.47 9°.4/15.4 17

4 11	16 12.12	− 3 39.4	1.437	2.273	17.6	19.9
4 21	16 9.92	− 2 0.8	1.365	2.265	14.6	19.7
5 1	16 4.99	− 0 25.1	1.314	2.259	11.7	19.5
5 11	15 58.00	+ 0 58.5	1.284	2.253	9.7	19.3
5 21	15 49.90	+ 2 1.8	1.278	2.247	9.8	19.3
5 31	15 41.88	+ 2 38.0	1.294	2.243	12.0	19.4
6 10	15 35.11	+ 2 44.7	1.331	2.239	15.1	19.6
6 20	15 30.42	+ 2 23.2	1.387	2.235	18.3	19.8

100295 1995 EC_{5} 5 20.6 76°.91 1°.5/19.8 18

4 11	16 15.72	−17 12.9	2.055	2.862	14.1	20.2
4 21	16 11.96	−16 53.7	1.969	2.863	11.1	20.0
5 1	16 5.98	−16 30.5	1.905	2.863	7.7	19.8
5 11	15 58.36	−16 5.0	1.866	2.864	3.9	19.6
5 21	15 49.89	−15 39.5	1.854	2.865	1.6	19.4
5 31	15 41.48	−15 16.9	1.870	2.865	4.8	19.7
6 10	15 34.07	−14 59.9	1.912	2.866	8.5	19.9
6 20	15 28.33	−14 50.8	1.978	2.866	11.9	20.1

420323 2012 AA_{9} 5 20.6 69°.57 1°.8/21.5 17

4 11	16 18.70	−26 30.5	1.502	2.311	18.3	21.2
4 21	16 15.32	−26 17.0	1.425	2.316	14.7	21.0
5 1	16 8.79	−25 49.8	1.366	2.320	10.5	20.8
5 11	15 59.91	−25 8.6	1.330	2.325	5.7	20.5
5 21	15 49.82	−24 15.5	1.319	2.330	1.8	20.3
5 31	15 39.93	−23 15.2	1.334	2.334	5.2	20.5
6 10	15 31.60	−22 14.4	1.373	2.339	10.0	20.8
6 20	15 25.72	−21 19.8	1.435	2.344	14.2	21.0

512455 2016 QE_{33} 5 20.6 221°.63 2°.8/18.9 17

4 11	16 14.90	−12 45.7	2.386	3.189	12.5	21.7
4 21	16 10.96	−12 18.9	2.295	3.185	9.9	21.6
5 1	16 5.12	−11 50.9	2.226	3.181	7.0	21.4
5 11	15 57.89	−11 24.1	2.184	3.177	4.0	21.2
5 21	15 49.91	−11 1.0	2.169	3.172	2.9	21.1
5 31	15 41.96	−10 44.1	2.182	3.168	5.2	21.2
6 10	15 34.81	−10 35.5	2.223	3.163	8.3	21.4
6 20	15 29.07	−10 36.4	2.287	3.158	11.2	21.6

251823 1999 TS_{164} 5 20.6 237°.86 0°.4/20.8 18

4 11	16 19.30	−23 26.8	1.823	2.623	15.9	21.2
4 21	16 15.35	−23 5.1	1.724	2.612	12.8	20.9
5 1	16 8.67	−22 33.0	1.646	2.601	9.0	20.7
5 11	15 59.85	−21 51.0	1.592	2.589	4.6	20.4
5 21	15 49.82	−21 1.0	1.565	2.577	0.4	20.0
5 31	15 39.77	−20 7.0	1.564	2.564	4.9	20.3
6 10	15 30.87	−19 14.4	1.591	2.551	9.4	20.6
6 20	15 24.03	−18 28.3	1.641	2.537	13.4	20.8

122696 2000 SC_{16} 5 20.6 273°.58 3°.1/22.3 18

4 11	16 17.79	−29 58.6	1.826	2.613	16.3	19.9
4 21	16 14.23	−29 53.9	1.734	2.609	13.3	19.7
5 1	16 7.89	−29 35.0	1.662	2.605	9.8	19.4
5 11	15 59.44	−29 0.9	1.614	2.601	6.0	19.2
5 21	15 49.84	−28 12.2	1.591	2.597	3.1	19.0
5 31	15 40.33	−27 12.2	1.595	2.593	5.0	19.1
6 10	15 32.09	−26 6.7	1.625	2.589	8.9	19.3
6 20	15 25.98	−25 2.4	1.679	2.585	12.7	19.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
502340 2015 BJ_{189}			5 20.6 246°.71		2°.1/19.7 17	
	h m	° ′			°	m
4 11	16 17.74	−16 8.2	1.803	2.615	15.5	21.3
4 21	16 13.96	−15 49.5	1.714	2.610	12.4	21.1
5 1	16 7.61	−15 27.3	1.645	2.604	8.6	20.8
5 11	15 59.28	−15 3.5	1.601	2.598	4.5	20.6
5 21	15 49.85	−14 40.6	1.583	2.592	2.2	20.4
5 31	15 40.43	−14 21.7	1.591	2.586	5.6	20.6
6 10	15 32.11	−14 10.0	1.626	2.579	9.8	20.9
6 20	15 25.73	−14 7.7	1.683	2.573	13.6	21.1
317872 2003 UG_{55}			5 20.6 275°.74		2°.5/22.2 18	
4 11	16 16.74	−30 2.8	2.007	2.789	15.2	19.9
4 21	16 13.11	−29 42.1	1.909	2.782	12.4	19.7
5 1	16 6.97	−29 7.0	1.832	2.775	9.1	19.4
5 11	15 58.92	−28 17.0	1.779	2.767	5.4	19.2
5 21	15 49.87	−27 13.5	1.752	2.760	2.6	19.0
5 31	15 40.90	−26 0.1	1.753	2.752	4.5	19.1
6 10	15 33.07	−24 43.0	1.781	2.745	8.3	19.3
6 20	15 27.17	−23 28.4	1.834	2.737	11.9	19.5
417693 2007 BF_{52}			5 20.6 17°.92		2°.2/19.9 17	
4 11	16 17.18	−15 22.5	1.507	2.333	17.4	20.9
4 21	16 13.92	−15 18.1	1.431	2.335	13.8	20.7
5 1	16 7.76	−15 11.9	1.376	2.338	9.6	20.5
5 11	15 59.40	−15 5.7	1.343	2.341	5.0	20.2
5 21	15 49.85	−15 1.7	1.335	2.345	2.2	20.0
5 31	15 40.41	−15 2.2	1.353	2.349	6.0	20.3
6 10	15 32.32	−15 9.7	1.395	2.354	10.5	20.5
6 20	15 26.47	−15 25.7	1.458	2.359	14.6	20.8
225886 2001 YQ_{89}			5 20.6 109°.23		1°.3/20.0 18	
4 11	16 20.30	−16 58.3	2.005	2.804	14.6	20.8
4 21	16 15.45	−16 52.4	1.932	2.821	11.5	20.6
5 1	16 8.30	−16 43.4	1.881	2.837	7.9	20.4
5 11	15 59.48	−16 32.6	1.855	2.853	4.0	20.2
5 21	15 49.87	−16 21.7	1.857	2.868	1.4	20.0
5 31	15 40.45	−16 12.6	1.887	2.883	4.7	20.3
6 10	15 32.18	−16 7.8	1.944	2.897	8.4	20.5
6 20	15 25.74	−16 9.1	2.025	2.911	11.8	20.8
391884 2008 UC_{27}			5 20.6 285°.73		0°.2/20.7 17	
4 11	16 17.13	−20 59.2	1.865	2.671	15.3	21.2
4 21	16 13.63	−21 1.2	1.764	2.656	12.3	21.0
5 1	16 7.51	−20 57.3	1.684	2.641	8.6	20.7
5 11	15 59.31	−20 47.7	1.628	2.625	4.4	20.4
5 21	15 49.87	−20 33.3	1.598	2.610	0.2	20.1
5 31	15 40.30	−20 16.1	1.595	2.595	4.8	20.4
6 10	15 31.74	−19 59.6	1.618	2.580	9.1	20.6
6 20	15 25.11	−19 47.2	1.665	2.565	13.1	20.8
462239 2008 CY_{39}			5 20.6 341°.33		7°.2/23.4 17	
4 11	16 11.98	−33 43.8	1.202	2.021	21.4	20.4
4 21	16 11.41	−34 29.0	1.118	2.007	18.0	20.1
5 1	16 7.02	−34 55.9	1.052	1.994	14.1	19.8
5 11	15 59.42	−34 59.2	1.004	1.983	10.1	19.5
5 21	15 49.85	−34 35.5	0.976	1.973	7.3	19.4
5 31	15 40.16	−33 46.0	0.971	1.964	8.4	19.4
6 10	15 32.23	−32 38.1	0.986	1.957	12.3	19.6
6 20	15 27.42	−31 22.4	1.022	1.951	16.7	19.8
373541 2001 TL_{209}			5 20.6 230°.83		3°.5/22.4 18	
4 11	16 20.48	−30 27.4	2.077	2.848	15.1	21.5
4 21	16 16.15	−30 38.5	1.974	2.838	12.4	21.3
5 1	16 9.16	−30 37.9	1.892	2.828	9.3	21.1
5 11	16 0.09	−30 23.6	1.835	2.817	5.9	20.8
5 21	15 49.85	−29 55.0	1.803	2.806	3.5	20.7
5 31	15 39.55	−29 13.8	1.800	2.794	5.0	20.7
6 10	15 30.35	−28 24.6	1.823	2.782	8.5	20.9
6 20	15 23.13	−27 32.9	1.871	2.769	12.0	21.1
430287 2013 WM_{65}			5 20.6 227°.28		3°.2/19.2 17	
4 11	16 18.80	−11 43.6	2.063	2.866	14.2	21.8
4 21	16 14.42	−11 30.1	1.969	2.858	11.3	21.6
5 1	16 7.74	−11 17.0	1.897	2.851	8.0	21.3
5 11	15 59.31	−11 6.6	1.851	2.843	4.7	21.1
5 21	15 49.88	−11 1.0	1.831	2.835	3.3	21.0
5 31	15 40.43	−11 2.6	1.840	2.827	5.8	21.1
6 10	15 31.91	−11 12.8	1.875	2.818	9.4	21.3
6 20	15 25.08	−11 32.5	1.934	2.809	12.7	21.5
2674 Pandarus			5 20.6 16°.05		0°.4/20.2 18	A
4 11	16 8.00	−19 4.9	4.048	4.836	8.0	16.1
4 21	16 4.79	−18 52.2	3.954	4.837	6.3	16.0
5 1	16 0.50	−18 36.7	3.885	4.839	4.3	15.9
5 11	15 55.47	−18 19.3	3.843	4.840	2.1	15.7
5 21	15 50.05	−18 1.1	3.830	4.842	0.5	15.5
5 31	15 44.67	−17 43.2	3.847	4.844	2.5	15.7
6 10	15 39.73	−17 27.2	3.893	4.846	4.6	15.9
6 20	15 35.58	−17 14.2	3.965	4.848	6.6	16.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
21093 1992 EK_{6}			5 20.6 134°.59		2°.1/19.6 18	
	h m	° ′			°	m
4 11	16 17.59	−14 56.3	2.024	2.830	14.3	19.1
4 21	16 13.43	−14 43.3	1.941	2.833	11.3	18.9
5 1	16 6.99	−14 28.5	1.880	2.837	7.8	18.7
5 11	15 58.89	−14 13.7	1.844	2.841	4.2	18.5
5 21	15 49.91	−14 0.8	1.836	2.844	2.2	18.3
5 31	15 41.02	−13 52.2	1.855	2.847	5.1	18.5
6 10	15 33.15	−13 50.2	1.900	2.850	8.8	18.8
6 20	15 27.00	−13 56.1	1.970	2.853	12.1	19.0
139568 2001 QL_{81}			5 20.6 257°.60		4°.5/23.1 18	
4 11	16 18.23	−33 29.3	2.288	3.047	14.2	19.5
4 21	16 14.19	−33 55.0	2.188	3.040	11.9	19.3
5 1	16 7.70	−34 9.2	2.109	3.033	9.1	19.1
5 11	15 59.33	−34 9.4	2.054	3.025	6.4	19.0
5 21	15 49.89	−33 54.4	2.025	3.018	4.6	18.8
5 31	15 40.41	−33 25.2	2.024	3.010	5.4	18.9
6 10	15 31.94	−32 45.3	2.049	3.003	8.0	19.0
6 20	15 25.30	−31 59.7	2.099	2.995	10.9	19.2
478179 2011 UX_{199}			5 20.6 228°.83		1°.6/21.8 18	
4 11	16 16.29	−27 32.1	2.988	3.754	11.1	22.7
4 21	16 11.85	−27 21.4	2.876	3.741	9.0	22.6
5 1	16 5.66	−27 2.4	2.788	3.728	6.4	22.4
5 11	15 58.16	−26 34.8	2.725	3.714	3.7	22.2
5 21	15 49.95	−25 59.4	2.691	3.700	1.6	22.0
5 31	15 41.73	−25 18.1	2.688	3.685	3.3	22.1
6 10	15 34.20	−24 33.8	2.712	3.670	6.1	22.3
6 20	15 27.95	−23 49.9	2.764	3.654	8.9	22.4
24456 2000 RO_{25}			5 20.6 239°.64		0°.6/19.9 18	
4 11	16 7.21	−18 21.8	4.535	5.321	7.3	19.4
4 21	16 4.06	−18 1.8	4.436	5.319	5.7	19.3
5 1	15 59.95	−17 39.4	4.362	5.316	3.9	19.2
5 11	15 55.18	−17 15.5	4.317	5.313	1.9	19.0
5 21	15 50.07	−16 51.1	4.300	5.311	0.6	18.9
5 31	15 45.00	−16 27.5	4.314	5.308	2.4	19.1
6 10	15 40.31	−16 6.1	4.356	5.306	4.3	19.2
6 20	15 36.30	−15 48.0	4.425	5.303	6.1	19.3
26811 Hiesinger			5 20.6 257°.75		2°.2/21.4 18	
4 11	16 21.68	−25 19.6	1.579	2.381	17.8	18.8
4 21	16 18.00	−25 33.1	1.478	2.364	14.5	18.5
5 1	16 11.01	−25 37.1	1.395	2.347	10.5	18.2
5 11	16 1.28	−25 29.6	1.336	2.329	5.9	17.9
5 21	15 49.81	−25 9.9	1.301	2.311	2.2	17.6
5 31	15 38.08	−24 39.9	1.292	2.292	5.6	17.8
6 10	15 27.64	−24 4.6	1.309	2.273	10.6	18.0
6 20	15 19.68	−23 30.0	1.348	2.254	15.2	18.3
374278 2005 NL_{95}			5 20.6 352°.85		1°.2/21.1 17	
4 11	16 10.21	−23 17.4	1.115	1.966	20.6	20.3
4 21	16 9.65	−23 21.0	1.041	1.958	16.6	20.0
5 1	16 5.52	−23 13.0	0.984	1.951	11.7	19.7
5 11	15 58.55	−22 53.2	0.946	1.946	6.2	19.4
5 21	15 49.93	−22 23.5	0.930	1.942	1.2	19.1
5 31	15 41.32	−21 48.2	0.937	1.940	6.1	19.4
6 10	15 34.40	−21 13.7	0.964	1.940	11.8	19.7
6 20	15 30.30	−20 46.2	1.011	1.941	16.8	20.0
39189 2000 WT_{172}			5 20.6 201°.77		7°.1/15.3 18	
4 11	16 13.42	+ 2 47.0	2.709	3.491	11.7	20.3
4 21	16 9.48	+ 3 47.7	2.631	3.488	9.9	20.2
5 1	16 3.94	+ 4 41.6	2.575	3.485	8.3	20.0
5 11	15 57.26	+ 5 24.3	2.545	3.482	7.3	20.0
5 21	15 50.00	+ 5 52.3	2.541	3.479	7.3	20.0
5 31	15 42.79	+ 6 3.1	2.563	3.475	8.5	20.0
6 10	15 36.27	+ 5 56.2	2.609	3.471	10.2	20.1
6 20	15 30.94	+ 5 32.3	2.678	3.467	12.1	20.3
303934 2005 VF_{62}			5 20.6 172°.44		3°.7/17.6 18	
4 11	16 13.32	−10 25.9	2.702	3.502	11.3	21.2
4 21	16 9.40	− 9 26.4	2.617	3.504	9.0	21.0
5 1	16 3.88	− 8 25.8	2.556	3.505	6.5	20.9
5 11	15 57.22	− 7 27.5	2.522	3.507	4.3	20.7
5 21	15 50.00	− 6 34.9	2.516	3.508	3.9	20.7
5 31	15 42.87	− 5 51.2	2.538	3.508	5.7	20.8
6 10	15 36.45	− 5 18.8	2.588	3.509	8.1	21.0
6 20	15 31.25	− 4 58.9	2.663	3.509	10.6	21.1
307285 2002 PX_{81}			5 20.6 265°.16		5°.3/17.3 18	
4 11	16 15.38	− 6 56.6	2.245	3.048	13.1	21.1
4 21	16 11.57	− 6 4.5	2.143	3.028	10.7	20.9
5 1	16 5.72	− 5 13.1	2.063	3.008	8.0	20.7
5 11	15 58.30	− 4 26.6	2.009	2.987	5.8	20.6
5 21	15 49.96	− 3 49.1	1.981	2.966	5.5	20.5
5 31	15 41.54	− 3 24.2	1.981	2.945	7.5	20.6
6 10	15 33.88	− 3 14.6	2.007	2.923	10.4	20.7
6 20	15 27.68	− 3 20.8	2.055	2.901	13.2	20.8

222589 2001 WB_{49} 5 20.6 222°.18 0°.6/20.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 18.88	−22 56.7	2.025	2.819	14.7	21.5
4 21	16 14.71	−22 51.2	1.928	2.812	11.8	21.3
5 1	16 8.06	−22 38.0	1.853	2.806	8.3	21.1
5 11	15 59.51	−22 17.3	1.802	2.798	4.3	20.8
5 21	15 49.91	−21 50.0	1.779	2.791	0.6	20.5
5 31	15 40.29	−21 18.7	1.783	2.783	4.4	20.8
6 10	15 31.72	−20 47.4	1.815	2.775	8.4	21.0
6 20	15 24.99	−20 19.6	1.870	2.766	12.1	21.2

255383 2005 WG_{142} 5 20.6 163°.96 0°.1/20.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 14.78	−21 11.9	2.621	3.411	11.8	21.3
4 21	16 10.77	−21 5.6	2.530	3.413	9.4	21.1
5 1	16 4.95	−20 54.3	2.461	3.414	6.5	20.9
5 11	15 57.81	−20 38.6	2.419	3.415	3.3	20.7
5 21	15 49.99	−20 19.5	2.404	3.416	0.1	20.4
5 31	15 42.22	−19 59.1	2.419	3.417	3.5	20.7
6 10	15 35.22	−19 39.6	2.461	3.418	6.7	20.9
6 20	15 29.57	−19 23.4	2.529	3.419	9.6	21.1

87092 2000 LK_{3} 5 20.6 301°.25 4°.3/18.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 13.76	−15 6.2	1.589	2.418	16.5	18.7
4 21	16 11.28	−13 52.8	1.490	2.396	13.2	18.4
5 1	16 6.06	−12 30.2	1.412	2.374	9.4	18.1
5 11	15 58.65	−11 3.2	1.357	2.352	5.6	17.9
5 21	15 49.95	− 9 38.3	1.328	2.331	4.6	17.8
5 31	15 41.13	− 8 23.0	1.325	2.310	7.9	17.9
6 10	15 33.42	− 7 24.0	1.345	2.289	12.3	18.1
6 20	15 27.76	− 6 45.3	1.387	2.268	16.4	18.3

116136 2003 WH_{144} 5 20.6 86°.95 0°.9/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 21.79	−21 2.8	1.557	2.366	17.7	20.3
4 21	16 17.67	−21 29.3	1.479	2.371	14.2	20.0
5 1	16 10.45	−21 50.9	1.420	2.377	9.9	19.8
5 11	16 0.82	−22 6.6	1.385	2.382	5.1	19.5
5 21	15 49.87	−22 15.9	1.375	2.387	0.9	19.2
5 31	15 38.98	−22 20.1	1.392	2.392	5.2	19.5
6 10	15 29.54	−22 21.9	1.434	2.398	9.9	19.8
6 20	15 22.51	−22 24.8	1.499	2.403	14.0	20.1

438338 2006 QX_{71} 5 20.6 252°.35 0°.6/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 16.46	−22 46.5	2.301	3.092	13.2	21.7
4 21	16 12.51	−22 44.7	2.199	3.082	10.6	21.5
5 1	16 6.39	−22 36.4	2.120	3.072	7.4	21.3
5 11	15 58.64	−22 21.7	2.066	3.062	3.9	21.1
5 21	15 49.96	−22 1.5	2.040	3.052	0.6	20.8
5 31	15 41.24	−21 37.8	2.042	3.041	3.9	21.0
6 10	15 33.38	−21 13.6	2.071	3.031	7.6	21.2
6 20	15 27.10	−20 52.0	2.126	3.020	10.9	21.4

147807 2005 SH_{72} 5 20.6 206°.36 0°.7/20.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 14.99	−18 52.1	2.896	3.684	10.9	21.4
4 21	16 10.74	−18 38.5	2.797	3.679	8.6	21.3
5 1	16 4.85	−18 21.1	2.721	3.674	5.9	21.1
5 11	15 57.75	−18 0.8	2.671	3.668	3.0	20.9
5 21	15 50.00	−17 39.0	2.651	3.662	0.7	20.7
5 31	15 42.27	−17 17.5	2.660	3.656	3.5	20.9
6 10	15 35.20	−16 58.6	2.697	3.649	6.5	21.1
6 20	15 29.34	−16 44.1	2.761	3.642	9.2	21.2

522712 2016 LV_{60} 5 20.6 270°.67 4°.4/18.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 16.18	−11 9.5	1.870	2.684	15.0	21.5
4 21	16 12.66	−10 26.4	1.774	2.670	12.0	21.3
5 1	16 6.71	− 9 41.8	1.700	2.655	8.7	21.1
5 11	15 58.87	− 8 59.4	1.650	2.640	5.5	20.8
5 21	15 49.95	− 8 23.5	1.626	2.625	4.5	20.7
5 31	15 40.97	− 7 58.0	1.629	2.610	7.1	20.9
6 10	15 32.96	− 7 46.1	1.657	2.595	10.8	21.0
6 20	15 26.73	− 7 49.2	1.707	2.579	14.3	21.2

523132 2016 SD_{54} 5 20.6 346°.64 2°.8/21.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 19.95	−23 12.4	1.809	2.608	16.0	20.3
4 21	16 16.11	−24 20.1	1.716	2.601	13.0	20.1
5 1	16 9.41	−25 25.6	1.645	2.594	9.3	19.9
5 11	16 0.37	−26 25.8	1.597	2.589	5.4	19.6
5 21	15 49.90	−27 17.8	1.576	2.584	2.8	19.4
5 31	15 39.20	−28 0.0	1.582	2.579	5.3	19.6
6 10	15 29.59	−28 33.0	1.615	2.576	9.2	19.8
6 20	15 22.08	−28 59.3	1.671	2.573	13.0	20.0

125341 2001 VV_{52} 5 20.6 268°.09 4°.2/22.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 21.22	−29 12.4	1.526	2.323	18.6	20.4
4 21	16 17.91	−29 39.5	1.427	2.307	15.4	20.1
5 1	16 11.12	−29 54.5	1.346	2.291	11.5	19.8
5 11	16 1.40	−29 54.0	1.287	2.274	7.2	19.6
5 21	15 49.86	−29 35.9	1.252	2.257	4.2	19.3
5 31	15 38.03	−29 1.2	1.242	2.239	6.4	19.4
6 10	15 27.60	−28 15.3	1.257	2.221	10.9	19.6
6 20	15 19.83	−27 25.8	1.294	2.204	15.4	19.8

462166 2007 TJ_{226} 5 20.6 309°.90 3°.8/22.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 16.15	−28 16.4	1.304	2.124	19.9	20.7
4 21	16 14.32	−28 34.5	1.211	2.106	16.4	20.4
5 1	16 8.86	−28 38.6	1.135	2.089	12.1	20.1
5 11	16 0.34	−28 25.8	1.081	2.072	7.4	19.8
5 21	15 49.91	−27 54.8	1.048	2.055	3.8	19.5
5 31	15 39.22	−27 8.0	1.039	2.040	6.5	19.6
6 10	15 30.07	−26 12.4	1.053	2.024	11.6	19.9
6 20	15 23.78	−25 16.5	1.087	2.009	16.6	20.1

330515 2007 RQ_{275} 5 20.6 213°.72 19°.1/14.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 25.68	+18 55.8	1.312	2.071	22.9	20.6
4 21	16 21.04	+20 35.3	1.258	2.068	21.3	20.4
5 1	16 12.89	+21 47.2	1.219	2.064	19.9	20.3
5 11	16 2.07	+22 18.7	1.196	2.060	19.1	20.2
5 21	15 49.87	+22 1.2	1.190	2.056	19.3	20.2
5 31	15 37.90	+20 51.5	1.203	2.051	20.4	20.3
6 10	15 27.68	+18 54.5	1.233	2.046	22.1	20.4
6 20	15 20.22	+16 19.9	1.278	2.040	24.0	20.5

276520 2003 RX_{13} 5 20.6 315°.73 4°.9/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 14.46	−33 59.4	1.590	2.382	18.2	19.5
4 21	16 12.47	−33 55.6	1.482	2.356	15.3	19.3
5 1	16 7.27	−33 32.0	1.392	2.329	11.8	19.0
5 11	15 59.43	−32 45.2	1.323	2.303	7.9	18.7
5 21	15 49.96	−31 34.4	1.277	2.278	5.0	18.4
5 31	15 40.32	−30 2.8	1.257	2.253	6.3	18.4
6 10	15 32.02	−28 18.6	1.261	2.229	10.4	18.6
6 20	15 26.19	−26 32.0	1.288	2.206	14.8	18.8

98696 2000 XY_{23} 5 20.6 215°.18 4°.1/22.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 22.71	−30 49.5	1.833	2.609	16.7	20.2
4 21	16 18.34	−31 11.5	1.737	2.603	13.8	20.0
5 1	16 10.92	−31 21.1	1.661	2.597	10.3	19.7
5 11	16 1.11	−31 15.4	1.608	2.590	6.7	19.5
5 21	15 49.91	−30 53.1	1.581	2.582	4.2	19.3
5 31	15 38.66	−30 15.8	1.581	2.574	5.7	19.4
6 10	15 28.71	−29 28.2	1.606	2.566	9.4	19.6
6 20	15 21.08	−28 37.0	1.656	2.557	13.1	19.8

212363 2006 GK_{12} 5 20.6 333°.09 1°.9/20.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 11.12	−16 59.5	1.077	1.935	20.6	20.1
4 21	16 10.57	−16 56.8	0.993	1.916	16.6	19.8
5 1	16 6.40	−16 49.6	0.927	1.897	11.7	19.4
5 11	15 59.16	−16 40.1	0.880	1.880	6.0	19.1
5 21	15 49.98	−16 31.0	0.854	1.865	2.0	18.7
5 31	15 40.51	−16 26.3	0.849	1.850	7.3	19.0
6 10	15 32.58	−16 30.1	0.865	1.838	13.3	19.3
6 20	15 27.54	−16 45.5	0.900	1.827	18.7	19.5

184712 2005 SA_{141} 5 20.6 250°.28 1°.0/20.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 14.74	−17 59.5	2.402	3.201	12.5	21.0
4 21	16 10.93	−17 44.7	2.308	3.197	9.9	20.8
5 1	16 5.18	−17 26.0	2.236	3.192	6.8	20.6
5 11	15 58.00	−17 4.7	2.190	3.188	3.4	20.4
5 21	15 50.04	−16 42.6	2.172	3.183	1.1	20.2
5 31	15 42.11	−16 21.8	2.183	3.179	4.1	20.4
6 10	15 34.98	−16 5.1	2.220	3.174	7.5	20.6
6 20	15 29.29	−15 54.2	2.283	3.169	10.6	20.8

229549 2005 YG_{150} 5 20.6 89°.29 0°.4/20.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 18.40	−19 27.8	1.835	2.641	15.5	20.8
4 21	16 14.40	−19 26.3	1.754	2.647	12.3	20.6
5 1	16 7.86	−19 19.9	1.695	2.652	8.5	20.3
5 11	15 59.42	−19 9.2	1.660	2.657	4.3	20.1
5 21	15 49.99	−18 55.7	1.651	2.663	0.5	19.8
5 31	15 40.67	−18 41.7	1.669	2.668	4.7	20.1
6 10	15 32.51	−18 30.2	1.714	2.674	8.9	20.4
6 20	15 26.32	−18 24.0	1.782	2.679	12.6	20.6

203776 2002 SG_{34} 5 20.6 295°.43 2°.7/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 18.54	−25 40.0	1.933	2.726	15.4	19.7
4 21	16 14.91	−26 14.1	1.827	2.707	12.5	19.4
5 1	16 8.55	−26 41.7	1.741	2.689	9.1	19.2
5 11	15 59.96	−27 1.0	1.680	2.670	5.4	18.9
5 21	15 49.97	−27 10.6	1.644	2.652	2.7	18.7
5 31	15 39.72	−27 10.5	1.636	2.633	5.0	18.8
6 10	15 30.44	−27 3.5	1.653	2.615	9.0	19.0
6 20	15 23.13	−26 53.3	1.695	2.597	12.8	19.2

510320 2011 RC_{18} 5 20.6 207°.63 5°.1/16.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 13.56	− 7 2.1	2.514	3.315	12.0	21.6
4 21	16 9.76	− 5 53.6	2.428	3.312	9.7	21.5
5 1	16 4.24	− 4 45.7	2.366	3.309	7.3	21.3
5 11	15 57.48	− 3 42.4	2.330	3.305	5.4	21.2
5 21	15 50.08	− 2 47.9	2.321	3.301	5.3	21.2
5 31	15 42.74	− 2 5.8	2.341	3.297	7.0	21.3
6 10	15 36.14	− 1 38.3	2.386	3.292	9.4	21.4
6 20	15 30.84	− 1 26.3	2.455	3.288	11.8	21.6

115324 2003 SP_{220} 5 20.6 313°.55 1°.2/21.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 18.07	−21 30.5	1.755	2.562	16.1	19.0
4 21	16 14.65	−22 1.8	1.657	2.549	13.0	18.8
5 1	16 8.42	−22 29.3	1.580	2.536	9.2	18.5
5 11	15 59.90	−22 51.8	1.526	2.523	4.9	18.2
5 21	15 49.97	−23 8.6	1.499	2.510	1.2	18.0
5 31	15 39.85	−23 20.0	1.497	2.498	4.9	18.2
6 10	15 30.80	−23 28.3	1.522	2.486	9.4	18.4
6 20	15 23.83	−23 36.2	1.569	2.474	13.5	18.6

177313 2003 YT_{32} 5 20.6 196°.16 2°.8/19.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 18.94	−15 31.8	1.821	2.631	15.5	21.3
4 21	16 14.82	−14 52.4	1.735	2.629	12.3	21.0
5 1	16 8.16	−14 8.3	1.670	2.627	8.6	20.8
5 11	15 59.59	−13 22.6	1.629	2.625	4.7	20.6
5 21	15 50.00	−12 38.8	1.615	2.622	2.9	20.4
5 31	15 40.48	−12 1.3	1.628	2.618	6.1	20.6
6 10	15 32.10	−11 33.8	1.667	2.614	10.1	20.8
6 20	15 25.65	−11 18.7	1.729	2.610	13.7	21.1

257298 2009 HA_{59} 5 20.6 220°.52 5°.5/20.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 36.25	−22 45.3	1.254	2.052	21.8	20.0
4 21	16 31.03	−24 53.2	1.167	2.048	17.9	19.7
5 1	16 21.12	−27 6.7	1.098	2.044	13.3	19.4
5 11	16 6.92	−29 17.3	1.052	2.040	8.3	19.1
5 21	15 49.69	−31 13.4	1.032	2.035	5.5	19.0
5 31	15 31.64	−32 45.9	1.039	2.029	8.5	19.1
6 10	15 15.31	−33 52.6	1.070	2.024	13.6	19.4
6 20	15 2.68	−34 38.7	1.124	2.018	18.5	19.6

506245 2016 NK_{46} 5 20.6 312°.11 2°.5/19.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 15.11	−15 21.1	1.879	2.695	14.9	21.6
4 21	16 11.78	−14 53.7	1.791	2.689	11.8	21.3
5 1	16 6.06	−14 23.0	1.723	2.683	8.2	21.1
5 11	15 58.55	−13 51.3	1.681	2.677	4.4	20.9
5 21	15 50.05	−13 21.6	1.664	2.672	2.6	20.7
5 31	15 41.57	−12 57.4	1.674	2.666	5.7	20.9
6 10	15 34.12	−12 41.8	1.710	2.661	9.5	21.1
6 20	15 28.45	−12 36.8	1.769	2.656	13.1	21.3

513888 2013 SL_{101} 5 20.6 184°.15 1°.2/19.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 17.48	−20 4.9	2.321	3.114	13.1	21.8
4 21	16 13.08	−19 18.2	2.229	3.115	10.4	21.6
5 1	16 6.63	−18 24.0	2.160	3.114	7.1	21.4
5 11	15 58.71	−17 24.4	2.116	3.114	3.6	21.1
5 21	15 50.05	−16 22.5	2.102	3.112	1.2	21.0
5 31	15 41.49	−15 22.3	2.116	3.111	4.4	21.2
6 10	15 33.87	−14 27.9	2.159	3.109	7.9	21.4
6 20	15 27.81	−13 42.7	2.227	3.106	11.1	21.6

191824 2004 UA_{3} 5 20.6 210°.29 6°.2/16.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 16.66	− 3 26.9	2.352	3.146	12.9	21.1
4 21	16 12.35	− 2 30.0	2.264	3.140	10.6	20.9
5 1	16 6.11	− 1 36.5	2.199	3.134	8.3	20.8
5 11	15 58.46	− 0 50.9	2.160	3.126	6.5	20.6
5 21	15 50.06	− 0 17.2	2.148	3.118	6.3	20.6
5 31	15 41.68	+ 0 1.4	2.162	3.110	8.0	20.7
6 10	15 34.10	+ 0 3.3	2.203	3.101	10.4	20.8
6 20	15 27.95	− 0 11.2	2.266	3.092	12.9	21.0

302030 2000 SB_{206} 5 20.6 263°.06 3°.7/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 19.57	−29 31.9	2.369	3.136	13.6	20.2
4 21	16 15.15	−30 15.9	2.269	3.130	11.2	20.1
5 1	16 8.37	−30 52.3	2.191	3.123	8.4	19.9
5 11	15 59.74	−31 18.8	2.137	3.116	5.5	19.7
5 21	15 50.00	−31 33.7	2.111	3.110	3.7	19.5
5 31	15 40.15	−31 37.0	2.113	3.103	4.9	19.6
6 10	15 31.18	−31 30.8	2.142	3.096	7.7	19.8
6 20	15 23.91	−31 18.5	2.196	3.089	10.7	19.9

359663 2011 SW_{82} 5 20.6 168°.41 3°.2/18.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 13.64	−12 27.6	2.525	3.328	11.9	20.9
4 21	16 9.82	−11 37.4	2.440	3.329	9.4	20.8
5 1	16 4.28	−10 45.4	2.377	3.331	6.7	20.6
5 11	15 57.50	− 9 54.5	2.342	3.332	4.1	20.4
5 21	15 50.10	− 9 7.8	2.334	3.333	3.3	20.4
5 31	15 42.79	− 8 28.7	2.355	3.334	5.4	20.5
6 10	15 36.24	− 7 59.7	2.402	3.335	8.1	20.7
6 20	15 31.01	− 7 42.2	2.474	3.335	10.8	20.9

43647 2002 EU_{74} 5 20.6 102°.09 2°.1/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 16.68	−27 18.7	2.523	3.298	12.6	19.6
4 21	16 12.43	−27 30.1	2.437	3.307	10.2	19.4
5 1	16 6.19	−27 33.6	2.374	3.315	7.3	19.2
5 11	15 58.50	−27 28.5	2.336	3.324	4.3	19.0
5 21	15 50.07	−27 14.9	2.325	3.332	2.1	18.9
5 31	15 41.72	−26 54.4	2.343	3.340	3.8	19.0
6 10	15 34.28	−26 29.7	2.389	3.348	6.7	19.2
6 20	15 28.34	−26 4.2	2.460	3.356	9.6	19.4

187211 2005 SS_{105} 5 20.6 249°.08 0°.0/20.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 16.42	−20 25.7	2.912	3.694	11.0	20.9
4 21	16 12.03	−20 24.5	2.797	3.675	8.7	20.8
5 1	16 5.87	−20 19.3	2.705	3.655	6.1	20.5
5 11	15 58.36	−20 10.3	2.639	3.636	3.1	20.3
5 21	15 50.07	−19 58.4	2.603	3.615	0.1	20.0
5 31	15 41.68	−19 44.9	2.596	3.594	3.4	20.3
6 10	15 33.90	−19 31.8	2.619	3.573	6.5	20.4
6 20	15 27.33	−19 21.2	2.667	3.551	9.3	20.6

304754 2006 YT_{52} 5 20.6 163°.53 2°.0/19.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 14.36	−14 19.0	2.915	3.708	10.7	21.8
4 21	16 10.15	−13 52.6	2.827	3.712	8.4	21.7
5 1	16 4.38	−13 24.6	2.763	3.716	5.8	21.5
5 11	15 57.52	−12 56.6	2.726	3.720	3.2	21.4
5 21	15 50.11	−12 30.6	2.718	3.723	2.1	21.3
5 31	15 42.77	−12 8.6	2.739	3.726	4.1	21.4
6 10	15 36.10	−11 52.7	2.788	3.729	6.8	21.6
6 20	15 30.60	−11 44.0	2.863	3.731	9.3	21.8

235223 2003 SA_{238} 5 20.6 293°.33 0°.7/20.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 15.69	−20 11.9	1.897	2.706	15.0	21.1
4 21	16 12.31	−19 52.0	1.804	2.698	11.9	20.9
5 1	16 6.49	−19 25.1	1.732	2.690	8.3	20.6
5 11	15 58.79	−18 52.7	1.685	2.683	4.2	20.4
5 21	15 50.06	−18 16.9	1.664	2.675	0.7	20.1
5 31	15 41.33	−17 41.0	1.670	2.668	4.8	20.4
6 10	15 33.65	−17 9.2	1.702	2.661	9.0	20.6
6 20	15 27.81	−16 44.9	1.757	2.654	12.7	20.8

521362 2015 MH_{139} 5 20.6 306°.84 2°.3/22.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 14.98	−28 56.7	2.275	3.055	13.7	21.1
4 21	16 11.44	−28 47.5	2.177	3.049	11.1	20.9
5 1	16 5.71	−28 27.1	2.101	3.043	8.1	20.7
5 11	15 58.34	−27 55.1	2.049	3.037	4.8	20.5
5 21	15 50.10	−27 12.4	2.025	3.032	2.3	20.3
5 31	15 41.91	−26 21.6	2.028	3.026	4.1	20.4
6 10	15 34.67	−25 27.1	2.058	3.021	7.4	20.6
6 20	15 29.08	−24 33.4	2.114	3.015	10.6	20.8

321106 2008 TD_{66} 5 20.6 243°.97 1°.1/20.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 16.95	−18 34.0	2.061	2.864	14.2	21.4
4 21	16 13.09	−18 14.1	1.965	2.856	11.3	21.1
5 1	16 6.92	−17 49.0	1.890	2.847	7.8	20.9
5 11	15 58.99	−17 20.0	1.841	2.838	3.9	20.7
5 21	15 50.08	−16 49.2	1.818	2.829	1.2	20.4
5 31	15 41.16	−16 19.8	1.824	2.820	4.7	20.7
6 10	15 33.20	−15 54.9	1.856	2.811	8.7	20.9
6 20	15 26.94	−15 37.6	1.912	2.801	12.2	21.1

141336 2002 AH_{2} 5 20.7 118°.84 5°.1/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 25.06	−36 24.9	2.864	3.583	12.5	19.9
4 21	16 19.06	−37 24.9	2.781	3.601	10.5	19.8
5 1	16 10.83	−38 14.7	2.720	3.617	8.4	19.6
5 11	16 0.90	−38 51.3	2.685	3.634	6.4	19.5
5 21	15 50.04	−39 12.5	2.678	3.650	5.2	19.5
5 31	15 39.19	−39 18.0	2.700	3.665	5.6	19.5
6 10	15 29.28	−39 10.1	2.749	3.680	7.3	19.7
6 20	15 21.04	−38 52.4	2.825	3.695	9.3	19.8

394780 2008 GM_{114} 5 20.7 40°.64 7°.4/17.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 16.24	+ 1 30.5	2.111	2.904	14.2	20.4
4 21	16 12.10	+ 1 59.5	2.045	2.914	11.9	20.3
5 1	16 5.95	+ 2 18.7	2.000	2.924	9.5	20.2
5 11	15 58.38	+ 2 24.1	1.979	2.934	7.8	20.1
5 21	15 50.14	+ 2 12.9	1.984	2.945	7.5	20.1
5 31	15 42.06	+ 1 43.6	2.014	2.956	8.8	20.2
6 10	15 34.94	+ 0 57.1	2.070	2.967	11.0	20.3
6 20	15 29.39	− 0 4.3	2.148	2.979	13.3	20.5

314627 2006 GY_{26} 5 20.7 286°.46 1°.5/21.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 20.67	−22 2.7	1.473	2.288	18.3	20.9
4 21	16 17.44	−22 33.9	1.376	2.271	14.8	20.6
5 1	16 10.82	−23 0.4	1.297	2.254	10.6	20.3
5 11	16 1.34	−23 20.5	1.241	2.237	5.7	20.0
5 21	15 50.02	−23 32.9	1.209	2.221	1.5	19.6
5 31	15 38.35	−23 38.1	1.203	2.204	5.7	19.9
6 10	15 27.94	−23 38.9	1.221	2.187	11.0	20.1
6 20	15 20.09	−23 39.5	1.261	2.171	15.7	20.3

198013 2004 RJ_{201} 5 20.7 264°.50 5°.2/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 21.66	−32 47.9	2.053	2.816	15.5	20.4
4 21	16 17.48	−33 33.3	1.945	2.799	13.0	20.1
5 1	16 10.41	−34 8.5	1.857	2.782	10.1	19.9
5 11	16 0.97	−34 29.6	1.793	2.764	7.1	19.7
5 21	15 50.04	−34 34.0	1.754	2.746	5.3	19.5
5 31	15 38.84	−34 21.3	1.743	2.728	6.3	19.6
6 10	15 28.67	−33 54.4	1.757	2.709	9.2	19.7
6 20	15 20.59	−33 18.6	1.795	2.691	12.6	19.9

190670 2001 AU_{19} 5 20.7 229°.12 1°.0/21.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 18.56	−23 59.6	2.188	2.975	13.9	20.9
4 21	16 14.34	−23 56.9	2.087	2.967	11.2	20.7
5 1	16 7.79	−23 46.6	2.008	2.958	7.9	20.4
5 11	15 59.45	−23 28.3	1.954	2.948	4.2	20.2
5 21	15 50.10	−23 3.0	1.927	2.939	1.0	19.9
5 31	15 40.72	−22 32.7	1.929	2.928	4.1	20.1
6 10	15 32.29	−22 1.0	1.958	2.918	7.9	20.3
6 20	15 25.57	−21 31.6	2.012	2.907	11.4	20.5

371005 2005 TC_{138} 5 20.7 139°.32 6°.5/16.6 17

4 11	16 15.89	− 7 42.5	1.800	2.617	15.4	20.8
4 21	16 12.27	− 6 15.2	1.726	2.620	12.4	20.6
5 1	16 6.31	− 4 47.6	1.674	2.622	9.3	20.4
5 11	15 58.65	− 3 26.3	1.647	2.625	7.0	20.3
5 21	15 50.14	− 2 17.5	1.646	2.628	6.8	20.3
5 31	15 41.78	− 1 26.6	1.670	2.630	9.0	20.4
6 10	15 34.53	− 0 56.8	1.719	2.632	12.0	20.6
6 20	15 29.08	− 0 48.5	1.790	2.634	15.0	20.8

8101 Yasue 5 20.7 208°.61 0°.5/20.4 18

4 11	16 16.90	−19 31.7	2.238	3.035	13.4	18.7
4 21	16 12.83	−19 25.5	2.146	3.033	10.6	18.5
5 1	16 6.62	−19 14.6	2.075	3.030	7.3	18.3
5 11	15 58.81	−18 59.9	2.031	3.028	3.7	18.1
5 21	15 50.14	−18 42.7	2.013	3.025	0.5	17.8
5 31	15 41.49	−18 25.2	2.024	3.022	4.1	18.1
6 10	15 33.74	−18 9.9	2.063	3.019	7.8	18.3
6 20	15 27.58	−17 59.3	2.126	3.016	11.1	18.5

439305 2012 VD_{42} 5 20.7 214°.99 0°.8/20.3 17

4 11	16 17.98	−17 20.6	2.232	3.029	13.4	21.0
4 21	16 13.69	−17 29.2	2.140	3.028	10.6	20.8
5 1	16 7.23	−17 35.5	2.071	3.026	7.4	20.6
5 11	15 59.13	−17 40.3	2.027	3.024	3.7	20.4
5 21	15 50.14	−17 44.3	2.011	3.022	0.8	20.2
5 31	15 41.14	−17 48.7	2.023	3.020	4.2	20.4
6 10	15 33.03	−17 55.3	2.063	3.018	7.9	20.6
6 20	15 26.51	−18 5.7	2.127	3.016	11.2	20.8

508949 2004 SU_{34} 5 20.7 270°.85 0°.6/20.9 18

4 11	16 19.65	−22 5.4	2.061	2.854	14.5	22.0
4 21	16 15.58	−22 10.1	1.945	2.829	11.7	21.7
5 1	16 8.93	−22 8.7	1.851	2.803	8.3	21.5
5 11	16 0.18	−22 1.0	1.781	2.776	4.3	21.2
5 21	15 50.11	−21 47.0	1.738	2.749	0.6	20.8
5 31	15 39.76	−21 28.7	1.723	2.722	4.5	21.1
6 10	15 30.26	−21 9.1	1.735	2.694	8.8	21.2
6 20	15 22.55	−20 51.7	1.771	2.666	12.7	21.4

7626 Iafe 5 20.7 208°.54 1°.8/21.6 18

4 11	16 17.40	−25 42.5	2.658	3.433	12.1	18.0
4 21	16 13.00	−26 1.4	2.560	3.430	9.7	17.9
5 1	16 6.65	−26 14.0	2.483	3.426	7.0	17.7
5 11	15 58.82	−26 19.7	2.433	3.423	4.0	17.5
5 21	15 50.17	−26 18.2	2.411	3.419	1.8	17.3
5 31	15 41.49	−26 10.4	2.418	3.415	3.6	17.4
6 10	15 33.59	−25 58.5	2.453	3.411	6.6	17.6
6 20	15 27.10	−25 45.1	2.514	3.407	9.5	17.8

259299 2003 EQ_{51} 5 20.7 110°.57 2°.9/19.2 17

4 11	16 19.57	−14 8.6	1.969	2.772	14.7	21.0
4 21	16 14.89	−13 33.8	1.899	2.790	11.6	20.8
5 1	16 7.95	−12 56.9	1.852	2.808	8.1	20.6
5 11	15 59.41	−12 20.6	1.830	2.825	4.5	20.5
5 21	15 50.15	−11 48.1	1.836	2.841	3.0	20.4
5 31	15 41.13	−11 22.5	1.869	2.857	5.7	20.6
6 10	15 33.26	−11 6.5	1.929	2.873	9.1	20.8
6 20	15 27.19	−11 1.3	2.013	2.888	12.3	21.1

191239 2002 VW_{13} 5 20.7 285°.73 0°.1/20.7 16

4 11	16 19.28	−20 42.6	1.329	2.155	19.3	21.2
4 21	16 16.68	−20 45.7	1.230	2.134	15.6	20.9
5 1	16 10.52	−20 41.5	1.150	2.112	11.1	20.5
5 11	16 1.29	−20 30.0	1.091	2.090	5.7	20.1
5 21	15 50.07	−20 11.8	1.056	2.068	0.2	19.7
5 31	15 38.43	−19 49.9	1.045	2.046	6.3	20.0
6 10	15 28.13	−19 29.3	1.057	2.024	12.1	20.3
6 20	15 20.54	−19 15.2	1.090	2.003	17.4	20.5

355148 2006 VC_{15} 5 20.7 198°.17 1°.7/21.6 17

4 11	16 18.37	−25 16.1	2.694	3.466	12.0	21.7
4 21	16 13.72	−25 35.5	2.594	3.464	9.7	21.5
5 1	16 7.13	−25 49.1	2.518	3.461	6.9	21.3
5 11	15 59.06	−25 56.0	2.467	3.458	3.9	21.1
5 21	15 50.16	−25 55.9	2.445	3.454	1.7	20.9
5 31	15 41.24	−25 49.9	2.453	3.450	3.6	21.1
6 10	15 33.09	−25 39.9	2.489	3.446	6.6	21.3
6 20	15 26.36	−25 28.5	2.550	3.442	9.5	21.4

344512 2002 RM_{128} 5 20.7 312°.50 2°.0/19.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 13.00	−20 0.7	1.710	2.532	15.9	20.6
4 21	16 10.58	−19 0.1	1.608	2.510	12.7	20.4
5 1	16 5.55	−17 47.4	1.526	2.489	8.8	20.1
5 11	15 58.47	−16 25.7	1.469	2.468	4.5	19.8
5 21	15 50.20	−14 59.7	1.437	2.447	2.1	19.6
5 31	15 41.85	−13 36.1	1.432	2.427	6.0	19.8
6 10	15 34.56	−12 22.0	1.452	2.407	10.6	20.0
6 20	15 29.22	−11 22.8	1.494	2.388	14.7	20.2

266512 2008 EW_{72} 5 20.7 303°.88 0°.8/20.4 17

4 11	16 18.16	−17 43.2	1.491	2.314	17.7	20.1
4 21	16 15.26	−17 56.5	1.393	2.295	14.2	19.8
5 1	16 9.20	−18 7.5	1.315	2.276	10.0	19.5
5 11	16 0.51	−18 16.5	1.259	2.258	5.1	19.2
5 21	15 50.13	−18 24.3	1.227	2.239	0.8	18.8
5 31	15 39.45	−18 32.3	1.221	2.221	5.8	19.1
6 10	15 29.95	−18 43.2	1.239	2.204	11.0	19.4
6 20	15 22.80	−18 59.3	1.279	2.187	15.7	19.6

389614 2011 HN_{44} 5 20.7 229°.94 2°.2/19.7 17

4 11	16 17.89	−14 50.7	1.964	2.771	14.6	21.0
4 21	16 13.88	−14 40.6	1.875	2.768	11.6	20.8
5 1	16 7.51	−14 28.8	1.808	2.765	8.1	20.6
5 11	15 59.34	−14 17.0	1.766	2.763	4.3	20.3
5 21	15 50.18	−14 7.3	1.751	2.760	2.2	20.2
5 31	15 41.04	−14 1.9	1.763	2.757	5.3	20.4
6 10	15 32.91	−14 3.1	1.802	2.753	9.1	20.6
6 20	15 26.55	−14 12.1	1.864	2.750	12.6	20.8

69945 1998 UD_{38} 5 20.7 259°.95 0°.5/20.9 18

4 11	16 19.35	−21 6.5	2.217	3.007	13.7	19.4
4 21	16 15.04	−21 21.8	2.108	2.990	11.0	19.2
5 1	16 8.37	−21 33.0	2.021	2.973	7.7	18.9
5 11	15 59.84	−21 39.6	1.960	2.956	4.0	18.7
5 21	15 50.17	−21 41.7	1.926	2.938	0.5	18.4
5 31	15 40.32	−21 40.4	1.921	2.920	4.2	18.6
6 10	15 31.30	−21 37.8	1.944	2.902	8.1	18.8
6 20	15 23.93	−21 36.4	1.991	2.884	11.6	19.0

137535 1999 VE_{62} 5 20.7 153°.80 0°.1/20.6 17

4 11	16 21.10	−21 25.3	1.941	2.736	15.2	21.3
4 21	16 16.42	−21 12.1	1.858	2.743	12.1	21.1
5 1	16 9.22	−20 51.7	1.796	2.750	8.4	20.8
5 11	16 0.16	−20 24.9	1.759	2.756	4.2	20.6
5 21	15 50.16	−19 53.4	1.749	2.761	0.2	20.3
5 31	15 40.29	−19 20.2	1.768	2.766	4.5	20.6
6 10	15 31.61	−18 49.2	1.813	2.771	8.6	20.9
6 20	15 24.87	−18 24.0	1.883	2.775	12.2	21.1

28871 2000 KA_{6} 5 20.7 247°.54 1°.3/19.9 18

4 11	16 15.66	−17 36.2	2.249	3.050	13.2	18.9
4 21	16 11.85	−17 16.3	2.153	3.044	10.5	18.6
5 1	16 5.96	−16 52.3	2.080	3.037	7.2	18.4
5 11	15 58.51	−16 25.5	2.033	3.030	3.7	18.2
5 21	15 50.21	−15 58.2	2.013	3.023	1.4	18.0
5 31	15 41.92	−15 33.0	2.021	3.016	4.5	18.2
6 10	15 34.48	−15 12.7	2.056	3.009	8.1	18.4
6 20	15 28.58	−14 59.6	2.115	3.001	11.3	18.6

248352 2005 QV_{130} 5 20.7 85°.27 6°.8/24.2 18

4 11	16 22.09	−39 23.9	2.365	3.092	14.7	20.5
4 21	16 17.43	−40 24.7	2.280	3.099	12.6	20.4
5 1	16 10.10	−41 12.5	2.215	3.106	10.3	20.2
5 11	16 0.70	−41 43.1	2.173	3.113	8.2	20.1
5 21	15 50.13	−41 54.0	2.157	3.119	6.9	20.1
5 31	15 39.56	−41 44.8	2.167	3.126	7.2	20.1
6 10	15 30.12	−41 18.7	2.202	3.133	8.8	20.2
6 20	15 22.70	−40 40.7	2.262	3.140	11.0	20.3

320859 2008 FA_{117} 5 20.7 267°.58 0°.9/20.3 17

4 11	16 17.70	−19 30.7	1.696	2.509	16.3	21.3
4 21	16 14.21	−19 12.9	1.609	2.505	13.0	21.1
5 1	16 7.99	−18 48.5	1.542	2.501	9.0	20.8
5 11	15 59.66	−18 18.7	1.499	2.497	4.5	20.6
5 21	15 50.18	−17 46.0	1.481	2.493	1.0	20.3
5 31	15 40.72	−17 14.1	1.490	2.489	5.3	20.6
6 10	15 32.47	−16 47.0	1.525	2.485	9.8	20.8
6 20	15 26.30	−16 28.2	1.582	2.481	13.8	21.1

9473 Ghent 5 20.7 164°.25 2°.3/19.5 18

4 11	16 16.58	−15 22.2	2.030	2.837	14.2	19.0
4 21	16 12.70	−14 56.8	1.945	2.838	11.2	18.8
5 1	16 6.60	−14 28.5	1.882	2.839	7.8	18.6
5 11	15 58.84	−13 59.4	1.844	2.840	4.2	18.4
5 21	15 50.21	−13 32.2	1.833	2.841	2.4	18.2
5 31	15 41.66	−13 9.9	1.849	2.841	5.3	18.4
6 10	15 34.10	−12 55.2	1.892	2.842	8.9	18.7
6 20	15 28.23	−12 50.0	1.959	2.842	12.2	18.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
15653 1080 T-1			5 20.7 145°35	2°9/18.9 18		
	h m	° ′			°	m
4 11	16 19.03	−14 30.1	2.215	3.012	13.5	18.8
4 21	16 14.26	−13 42.1	2.137	3.024	10.7	18.6
5 1	16 7.45	−12 50.9	2.081	3.035	7.4	18.4
5 11	15 59.17	−11 59.4	2.052	3.045	4.2	18.3
5 21	15 50.20	−11 11.1	2.051	3.054	3.0	18.2
5 31	15 41.42	−10 29.6	2.078	3.063	5.5	18.4
6 10	15 33.63	− 9 58.0	2.133	3.071	8.7	18.6
6 20	15 27.45	− 9 38.0	2.212	3.079	11.7	18.8
396166 2013 EK_{80}			5 20.7 210°58	2°5/18.9 18		
4 11	16 14.15	−12 25.1	2.953	3.746	10.6	21.5
4 21	16 10.05	−11 58.4	2.855	3.740	8.4	21.3
5 1	16 4.41	−11 30.8	2.782	3.734	5.9	21.1
5 11	15 57.63	−11 4.2	2.736	3.727	3.5	21.0
5 21	15 50.26	−10 40.8	2.719	3.721	2.6	20.9
5 31	15 42.90	−10 22.5	2.730	3.713	4.5	21.0
6 10	15 36.17	−10 11.1	2.770	3.706	7.0	21.2
6 20	15 30.55	−10 7.7	2.835	3.698	9.5	21.3
228602 2002 AH_{164}			5 20.7 208°89	0°9/21.2 18		
4 11	16 19.53	−24 19.3	2.409	3.188	13.1	21.5
4 21	16 14.85	−24 8.6	2.307	3.181	10.5	21.3
5 1	16 8.01	−23 49.9	2.226	3.174	7.4	21.1
5 11	15 59.55	−23 23.3	2.172	3.166	3.9	20.8
5 21	15 50.20	−22 49.8	2.146	3.157	0.9	20.6
5 31	15 40.84	−22 11.7	2.149	3.148	3.8	20.8
6 10	15 32.38	−21 32.7	2.180	3.138	7.4	21.0
6 20	15 25.50	−20 56.3	2.237	3.127	10.6	21.2
492306 2014 AK_{48}			5 20.7 217°47	1°2/21.3 17		
4 11	16 17.89	−24 41.4	2.234	3.020	13.7	22.0
4 21	16 13.75	−24 38.2	2.137	3.015	11.0	21.8
5 1	16 7.35	−24 27.0	2.061	3.010	7.8	21.6
5 11	15 59.25	−24 7.5	2.011	3.005	4.2	21.4
5 21	15 50.22	−23 40.6	1.988	2.999	1.2	21.1
5 31	15 41.19	−23 8.5	1.994	2.993	4.0	21.3
6 10	15 33.11	−22 34.8	2.026	2.987	7.7	21.6
6 20	15 26.71	−22 3.2	2.084	2.980	11.0	21.8
169544 2002 EZ_{87}			5 20.7 359°39	4°4/18.9 17		
4 11	16 15.51	−13 31.2	1.284	2.125	19.0	19.4
4 21	16 13.12	−12 48.8	1.212	2.124	15.2	19.2
5 1	16 7.55	−12 3.2	1.158	2.123	10.7	18.9
5 11	15 59.54	−11 19.0	1.126	2.122	6.2	18.7
5 21	15 50.21	−10 41.5	1.117	2.122	4.5	18.6
5 31	15 40.99	−10 16.1	1.132	2.123	8.0	18.8
6 10	15 33.26	−10 6.5	1.170	2.124	12.6	19.0
6 20	15 28.01	−10 14.1	1.228	2.126	16.9	19.3
67823 2000 VU_{33}			5 20.7 152°29	1°2/20.2 18		
4 11	16 22.31	−18 5.1	1.937	2.733	15.2	19.9
4 21	16 17.31	−17 52.1	1.856	2.742	12.0	19.7
5 1	16 9.81	−17 34.7	1.796	2.751	8.3	19.4
5 11	16 0.47	−17 14.1	1.762	2.759	4.2	19.2
5 21	15 50.19	−16 52.0	1.755	2.766	1.2	19.0
5 31	15 40.05	−16 31.3	1.776	2.772	4.9	19.3
6 10	15 31.08	−16 15.0	1.824	2.777	8.9	19.5
6 20	15 24.06	−16 5.7	1.896	2.782	12.4	19.8
278942 2008 UF_{45}			5 20.7 347°81	3°1/19.0 17		
4 11	16 15.67	−14 23.4	1.858	2.673	15.0	21.1
4 21	16 12.20	−13 43.8	1.775	2.673	11.9	20.9
5 1	16 6.36	−13 0.9	1.714	2.672	8.3	20.7
5 11	15 58.76	−12 17.9	1.677	2.672	4.7	20.5
5 21	15 50.24	−11 38.3	1.666	2.672	3.2	20.4
5 31	15 41.81	−11 6.3	1.683	2.671	6.1	20.5
6 10	15 34.44	−10 45.0	1.724	2.671	9.8	20.8
6 20	15 28.87	−10 36.3	1.789	2.671	13.3	21.0
241687 2000 SZ_{16}			5 20.7 277°08	0°1/20.7 18		
4 11	16 14.74	−22 53.5	2.268	3.063	13.3	20.4
4 21	16 11.20	−22 26.2	2.167	3.053	10.6	20.2
5 1	16 5.56	−21 50.4	2.089	3.043	7.4	20.0
5 11	15 58.33	−21 7.1	2.036	3.033	3.8	19.7
5 21	15 50.26	−20 18.4	2.010	3.022	0.1	19.4
5 31	15 42.19	−19 27.6	2.013	3.012	4.0	19.7
6 10	15 35.01	−18 38.9	2.043	3.002	7.7	19.9
6 20	15 29.38	−17 55.8	2.098	2.992	11.1	20.1
471426 2011 UY_{44}			5 20.7 154°50	1°2/21.5 17		
4 11	16 16.53	−25 20.6	3.169	3.936	10.5	23.4
4 21	16 11.86	−25 21.8	3.077	3.944	8.4	23.3
5 1	16 5.60	−25 16.9	3.009	3.952	5.9	23.1
5 11	15 58.22	−25 5.9	2.968	3.959	3.3	23.0
5 21	15 50.27	−24 49.3	2.956	3.966	1.2	22.8
5 31	15 42.38	−24 28.4	2.974	3.972	3.0	23.0
6 10	15 35.19	−24 5.6	3.021	3.978	5.6	23.2
6 20	15 29.18	−23 43.0	3.095	3.984	8.1	23.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
394701 2008 CJ_{213}			5 20.7 68°13	2°7/19.1 17		
	h m	° ′			°	m
4 11	16 14.57	−13 26.1	2.273	3.079	12.9	21.5
4 21	16 10.77	−12 58.0	2.197	3.089	10.2	21.3
5 1	16 5.06	−12 28.7	2.144	3.099	7.1	21.1
5 11	15 58.00	−12 0.4	2.116	3.110	4.0	21.0
5 21	15 50.27	−11 35.9	2.116	3.120	2.8	20.9
5 31	15 42.68	−11 17.6	2.143	3.131	5.1	21.1
6 10	15 35.99	−11 7.5	2.198	3.141	8.2	21.3
6 20	15 30.75	−11 6.8	2.276	3.152	11.0	21.5
361 Bononia			5 20.7 141°87	2°4/22.7 18		
4 11	16 14.31	−31 0.9	3.904	4.649	9.0	15.1
4 21	16 9.92	−31 17.2	3.811	4.658	7.4	15.0
5 1	16 4.18	−31 26.7	3.742	4.666	5.5	14.9
5 11	15 57.48	−31 29.0	3.699	4.675	3.6	14.8
5 21	15 50.29	−31 23.8	3.686	4.683	2.4	14.7
5 31	15 43.14	−31 12.0	3.701	4.690	3.1	14.7
6 10	15 36.55	−30 55.0	3.746	4.698	4.8	14.9
6 20	15 30.94	−30 35.1	3.818	4.705	6.7	15.0
316321 2010 RG_{104}			5 20.7 36°93	2°4/21.6 17		
4 11	16 19.11	−25 39.6	1.431	2.244	18.8	21.0
4 21	16 15.94	−25 54.4	1.356	2.249	15.2	20.8
5 1	16 9.50	−25 58.4	1.299	2.253	10.9	20.5
5 11	16 0.52	−25 50.2	1.265	2.259	6.1	20.3
5 21	15 50.18	−25 29.8	1.254	2.264	2.4	20.0
5 31	15 39.98	−25 0.2	1.269	2.270	5.5	20.2
6 10	15 31.36	−24 26.7	1.308	2.276	10.2	20.5
6 20	15 25.32	−23 55.1	1.369	2.282	14.5	20.8
411679 2011 YT_{1}			5 20.7 126°16	0°3/20.6 17		
4 11	16 22.44	−20 9.0	1.714	2.517	16.6	21.9
4 21	16 17.77	−20 5.6	1.639	2.529	13.2	21.7
5 1	16 10.30	−19 56.3	1.584	2.540	9.1	21.4
5 11	16 0.77	−19 41.6	1.553	2.551	4.6	21.2
5 21	15 50.19	−19 22.9	1.549	2.561	0.3	20.9
5 31	15 39.80	−19 3.0	1.572	2.571	4.9	21.3
6 10	15 30.78	−18 45.4	1.621	2.581	9.3	21.5
6 20	15 23.95	−18 33.5	1.694	2.590	13.2	21.8
512978 2017 UA_{9}			5 20.7 208°13	2°4/21.9 17		
4 11	16 20.84	−27 39.8	2.199	2.973	14.3	22.2
4 21	16 16.23	−27 49.8	2.099	2.968	11.6	22.0
5 1	16 9.17	−27 50.4	2.021	2.962	8.4	21.8
5 11	16 0.22	−27 40.4	1.968	2.956	5.0	21.5
5 21	15 50.21	−27 19.7	1.942	2.949	2.5	21.4
5 31	15 40.18	−26 49.8	1.945	2.942	4.4	21.5
6 10	15 31.16	−26 14.6	1.974	2.934	7.9	21.7
6 20	15 23.96	−25 38.3	2.029	2.925	11.3	21.9
182875 2002 CG_{233}			5 20.7 23°06	4°2/18.6 17		
4 11	16 12.40	−11 53.8	1.693	2.522	15.7	19.6
4 21	16 9.67	−11 8.3	1.629	2.533	12.4	19.4
5 1	16 4.60	−10 22.1	1.586	2.546	8.8	19.2
5 11	15 57.85	− 9 39.4	1.567	2.559	5.4	19.1
5 21	15 50.30	− 9 4.4	1.573	2.573	4.3	19.0
5 31	15 42.97	− 8 40.8	1.604	2.588	6.9	19.2
6 10	15 36.80	− 8 31.1	1.660	2.604	10.3	19.4
6 20	15 32.44	− 8 35.7	1.738	2.620	13.6	19.7
504731 2009 VS_{37}			5 20.7 178°93	0°8/20.1 17		
4 11	16 21.22	−24 32.6	2.185	2.966	14.2	21.6
4 21	16 16.13	−23 7.0	2.089	2.967	11.3	21.4
5 1	16 8.80	−21 27.2	2.017	2.968	7.8	21.1
5 11	15 59.89	−19 36.0	1.972	2.968	3.9	20.9
5 21	15 50.24	−17 38.5	1.957	2.968	0.9	20.7
5 31	15 40.82	−15 41.5	1.973	2.968	4.6	20.9
6 10	15 32.54	−13 52.1	2.019	2.967	8.5	21.2
6 20	15 26.04	−12 16.2	2.091	2.966	11.9	21.4
170793 2004 DY_{11}			5 20.7 70°61	1°1/20.1 17		
4 11	16 16.24	−17 55.1	2.085	2.890	14.0	20.3
4 21	16 12.41	−17 42.8	2.001	2.893	11.1	20.1
5 1	16 6.40	−17 26.4	1.939	2.896	7.6	19.9
5 11	15 58.76	−17 7.5	1.902	2.900	3.9	19.7
5 21	15 50.28	−16 47.8	1.892	2.903	1.2	19.5
5 31	15 41.88	−16 29.8	1.910	2.907	4.5	19.7
6 10	15 34.46	−16 16.2	1.954	2.910	8.2	19.9
6 20	15 28.70	−16 9.1	2.023	2.914	11.6	20.2
392991 2012 XN_{94}			5 20.7 251°77	1°4/19.9 18		
4 11	16 15.85	−17 34.8	2.234	3.035	13.3	21.7
4 21	16 12.05	−17 14.8	2.137	3.027	10.5	21.5
5 1	16 6.14	−16 50.6	2.062	3.019	7.3	21.3
5 11	15 58.65	−16 23.7	2.013	3.010	3.7	21.1
5 21	15 50.29	−15 56.2	1.991	3.002	1.4	20.9
5 31	15 41.91	−15 30.8	1.998	2.993	4.5	21.1
6 10	15 34.39	−15 10.3	2.031	2.984	8.2	21.3
6 20	15 28.42	−14 57.1	2.089	2.975	11.4	21.5

9865 Akiraohta 5 20.7 303°.03 0°.4/20.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 15.18	−22 5.9	1.271	2.106	19.5	17.4
4 21	16 13.56	−21 42.3	1.172	2.081	15.8	17.1
5 1	16 8.42	−21 5.5	1.091	2.055	11.2	16.7
5 11	16 0.29	−20 16.2	1.030	2.030	5.7	16.4
5 21	15 50.22	−19 17.1	0.993	2.005	0.5	15.9
5 31	15 39.78	−18 14.0	0.979	1.980	6.5	16.2
6 10	15 30.70	−17 15.0	0.987	1.956	12.6	16.5
6 20	15 24.32	−16 27.5	1.015	1.932	18.0	16.7

235309 2003 UL_{122} 5 20.7 216°.46 1°.3/21.3 18

4 11	16 18.54	−24 10.9	2.182	2.970	14.0	21.2
4 21	16 14.34	−24 18.9	2.087	2.966	11.2	21.0
5 1	16 7.83	−24 19.8	2.013	2.962	8.0	20.7
5 11	15 59.54	−24 13.2	1.964	2.957	4.3	20.5
5 21	15 50.27	−23 59.4	1.942	2.953	1.3	20.3
5 31	15 40.98	−23 40.1	1.949	2.948	4.1	20.5
6 10	15 32.65	−23 18.4	1.982	2.943	7.8	20.7
6 20	15 26.05	−22 57.7	2.041	2.938	11.2	20.9

178595 2000 AU_{250} 5 20.7 180°.60 0°.7/20.3 17

4 11	16 21.10	−19 14.2	2.037	2.831	14.6	21.5
4 21	16 16.36	−19 3.2	1.947	2.833	11.6	21.3
5 1	16 9.20	−18 47.1	1.879	2.834	8.0	21.1
5 11	16 0.21	−18 26.6	1.837	2.834	4.0	20.9
5 21	15 50.25	−18 3.6	1.822	2.833	0.8	20.6
5 31	15 40.35	−17 40.5	1.835	2.832	4.6	20.9
6 10	15 31.51	−17 20.5	1.876	2.831	8.6	21.1
6 20	15 24.50	−17 6.5	1.940	2.828	12.1	21.3

91354 1999 JY_{55} 5 20.7 10°.68 1°.4/19.9 18

4 11	16 13.51	−21 0.9	1.413	2.245	18.1	19.1
4 21	16 11.31	−20 13.4	1.339	2.246	14.3	18.9
5 1	16 6.15	−19 14.5	1.284	2.249	9.9	18.6
5 11	15 58.78	−18 7.3	1.252	2.252	4.9	18.4
5 21	15 50.30	−16 56.8	1.245	2.256	1.5	18.1
5 31	15 42.01	−15 49.6	1.262	2.261	5.9	18.4
6 10	15 35.14	−14 52.2	1.303	2.266	10.7	18.7
6 20	15 30.56	−14 9.3	1.366	2.272	15.0	19.0

393371 1999 TY_{286} 5 20.7 253°.68 2°.6/18.6 17

4 11	16 14.03	−14 52.4	2.731	3.527	11.3	21.6
4 21	16 10.18	−13 57.8	2.623	3.511	8.9	21.4
5 1	16 4.63	−12 58.8	2.540	3.494	6.3	21.2
5 11	15 57.83	−11 58.0	2.484	3.477	3.6	21.0
5 21	15 50.33	−10 58.7	2.456	3.459	2.7	20.9
5 31	15 42.82	−10 4.3	2.458	3.441	4.9	21.1
6 10	15 35.98	− 9 18.2	2.488	3.423	7.8	21.2
6 20	15 30.34	− 8 42.5	2.542	3.405	10.5	21.4

375979 2009 WU_{239} 5 20.7 138°.29 0°.8/21.1 17

4 11	16 19.57	−23 55.8	2.205	2.990	13.9	22.1
4 21	16 14.92	−23 45.4	2.122	3.001	11.1	21.9
5 1	16 8.05	−23 27.1	2.061	3.011	7.8	21.7
5 11	15 59.56	−23 1.0	2.025	3.020	4.1	21.5
5 21	15 50.28	−22 28.6	2.017	3.029	0.8	21.3
5 31	15 41.15	−21 52.6	2.038	3.038	3.9	21.5
6 10	15 33.08	−21 16.6	2.086	3.046	7.6	21.8
6 20	15 26.73	−20 44.1	2.160	3.053	10.8	22.0

371616 2006 XS_{57} 5 20.7 302°.99 0°.2/20.6 17

4 11	16 15.35	−23 12.5	1.513	2.334	17.6	20.6
4 21	16 12.90	−22 36.3	1.418	2.318	14.2	20.3
5 1	16 7.44	−21 46.6	1.341	2.302	9.9	20.0
5 11	15 59.56	−20 44.7	1.287	2.286	5.1	19.7
5 21	15 50.28	−19 34.0	1.258	2.271	0.3	19.3
5 31	15 40.92	−18 20.3	1.255	2.255	5.6	19.6
6 10	15 32.85	−17 11.1	1.276	2.241	10.7	19.9
6 20	15 27.07	−16 12.9	1.319	2.226	15.3	20.1

213445 2002 AE_{51} 5 20.7 174°.39 5°.4/17.0 18

4 11	16 14.87	− 2 5.6	2.819	3.605	11.2	21.1
4 21	16 10.60	− 1 24.8	2.737	3.607	9.2	21.0
5 1	16 4.77	− 0 48.6	2.680	3.608	7.2	20.9
5 11	15 57.84	− 0 20.4	2.648	3.610	5.7	20.8
5 21	15 50.34	− 0 2.8	2.644	3.611	5.5	20.7
5 31	15 42.91	+ 0 2.2	2.667	3.611	6.8	20.8
6 10	15 36.16	− 0 6.3	2.717	3.612	8.8	21.0
6 20	15 30.57	− 0 27.8	2.791	3.611	10.8	21.1

470889 2009 BN_{138} 5 20.7 150°.89 2°.4/22.0 17

4 11	16 17.45	−28 2.2	2.162	2.943	14.3	21.7
4 21	16 13.51	−28 4.6	2.071	2.944	11.6	21.5
5 1	16 7.24	−27 56.7	2.002	2.945	8.4	21.3
5 11	15 59.23	−27 37.9	1.958	2.946	4.9	21.1
5 21	15 50.29	−27 8.7	1.940	2.947	2.4	21.0
5 31	15 41.43	−26 31.2	1.950	2.948	4.3	21.1
6 10	15 33.61	−25 49.6	1.987	2.949	7.7	21.3
6 20	15 27.57	−25 8.2	2.049	2.950	11.0	21.5

225539 2000 SJ_{90} 5 20.7 218°.24 0°.8/21.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 18.26	−25 50.2	2.025	2.815	14.9	20.5
4 21	16 14.24	−25 13.4	1.929	2.810	11.9	20.3
5 1	16 7.78	−24 24.4	1.854	2.805	8.4	20.1
5 11	15 59.51	−23 23.7	1.805	2.800	4.4	19.8
5 21	15 50.29	−22 14.1	1.782	2.794	0.8	19.5
5 31	15 41.16	−20 59.9	1.788	2.788	4.3	19.8
6 10	15 33.13	−19 47.0	1.822	2.782	8.4	20.0
6 20	15 26.96	−18 40.9	1.880	2.775	12.1	20.2

319541 2006 RB_{86} 5 20.7 169°.79 8°.1/23.7 17

4 11	16 26.92	−37 53.1	1.823	2.568	17.8	21.6
4 21	16 22.24	−39 10.7	1.737	2.570	15.3	21.4
5 1	16 14.05	−40 14.8	1.670	2.572	12.4	21.2
5 11	16 2.98	−40 59.1	1.625	2.573	9.7	21.0
5 21	15 50.18	−41 18.5	1.604	2.574	8.2	20.9
5 31	15 37.23	−41 11.7	1.609	2.575	8.7	21.0
6 10	15 25.79	−40 42.6	1.638	2.575	10.9	21.1
6 20	15 17.07	−39 58.7	1.690	2.575	13.8	21.3

64045 2001 SA_{240} 5 20.7 82°.19 0°.1/20.7 17

4 11	16 21.14	−20 22.6	1.378	2.199	19.0	20.0
4 21	16 17.50	−20 24.0	1.306	2.206	15.2	19.7
5 1	16 10.55	−20 18.7	1.252	2.213	10.5	19.5
5 11	16 1.07	−20 6.9	1.221	2.220	5.3	19.2
5 21	15 50.24	−19 50.2	1.215	2.227	0.2	18.8
5 31	15 39.59	−19 31.6	1.233	2.234	5.7	19.3
6 10	15 30.56	−19 15.5	1.276	2.241	10.7	19.6
6 20	15 24.13	−19 5.8	1.340	2.248	15.2	19.8

17699 1997 GX_{7} 5 20.7 166°.52 0°.6/20.3 18

4 11	16 15.37	−19 1.7	2.957	3.742	10.7	19.6
4 21	16 11.03	−18 49.0	2.865	3.746	8.5	19.4
5 1	16 5.09	−18 32.6	2.797	3.750	5.8	19.3
5 11	15 58.01	−18 13.4	2.756	3.753	2.9	19.1
5 21	15 50.35	−17 52.7	2.744	3.756	0.6	18.9
5 31	15 42.75	−17 32.3	2.762	3.758	3.3	19.1
6 10	15 35.82	−17 14.4	2.808	3.760	6.2	19.3
6 20	15 30.09	−17 0.5	2.880	3.762	8.8	19.5

369887 2012 RZ_{19} 5 20.7 267°.54 1°.8/19.5 17

4 11	16 16.65	−19 4.1	2.095	2.897	14.0	21.0
4 21	16 12.94	−18 12.3	1.986	2.877	11.2	20.8
5 1	16 6.93	−17 11.6	1.898	2.855	7.8	20.5
5 11	15 59.14	−16 4.4	1.837	2.834	4.0	20.2
5 21	15 50.31	−14 54.3	1.802	2.812	1.9	20.1
5 31	15 41.40	−13 46.2	1.796	2.789	5.3	20.2
6 10	15 33.38	−12 45.2	1.818	2.767	9.2	20.4
6 20	15 27.03	−11 55.5	1.863	2.744	12.9	20.6

341716 2007 VQ_{199} 5 20.7 108°.37 0°.0/20.7 17

4 11	16 16.44	−21 26.6	2.134	2.932	13.9	21.7
4 21	16 12.58	−21 14.1	2.048	2.935	11.0	21.5
5 1	16 6.52	−20 55.1	1.984	2.938	7.6	21.3
5 11	15 58.84	−20 30.5	1.944	2.941	3.9	21.0
5 21	15 50.33	−20 1.8	1.932	2.944	0.1	20.7
5 31	15 41.89	−19 31.7	1.948	2.947	4.1	21.1
6 10	15 34.45	−19 3.7	1.991	2.950	7.9	21.3
6 20	15 28.67	−18 40.6	2.058	2.953	11.2	21.5

414993 2011 EA_{78} 5 20.7 70°.09 11°.5/13.5 18

4 11	16 21.48	+ 5 51.2	1.784	2.568	16.8	21.2
4 21	16 16.15	+ 8 18.7	1.761	2.610	14.4	21.1
5 1	16 8.61	+10 30.6	1.760	2.651	12.5	21.1
5 11	15 59.68	+12 17.8	1.784	2.692	11.6	21.1
5 21	15 50.31	+13 34.2	1.832	2.732	11.9	21.2
5 31	15 41.46	+14 17.1	1.903	2.771	13.1	21.4
6 10	15 33.99	+14 28.0	1.996	2.810	14.7	21.6
6 20	15 28.41	+14 11.0	2.107	2.848	16.3	21.8

24846 1995 WM 5 20.7 167°.88 0°.7/20.3 18

4 11	16 19.42	−21 8.2	1.848	2.650	15.6	18.8
4 21	16 15.26	−20 36.0	1.763	2.653	12.4	18.6
5 1	16 8.53	−19 55.2	1.699	2.655	8.6	18.4
5 11	15 59.91	−19 7.3	1.660	2.657	4.3	18.1
5 21	15 50.30	−18 15.4	1.647	2.659	0.7	17.8
5 31	15 40.82	−17 23.7	1.662	2.660	4.9	18.1
6 10	15 32.54	−16 36.9	1.704	2.661	9.1	18.4
6 20	15 26.24	−15 59.2	1.769	2.662	12.9	18.6

39177 2000 WJ_{157} 5 20.7 270°.96 4°.7/22.4 18

4 11	16 21.54	−30 7.4	1.637	2.426	17.9	18.6
4 21	16 18.07	−30 43.9	1.536	2.409	14.8	18.4
5 1	16 11.25	−31 9.3	1.453	2.392	11.2	18.1
5 11	16 1.63	−31 19.8	1.393	2.375	7.3	17.8
5 21	15 50.24	−31 12.8	1.357	2.358	4.7	17.6
5 31	15 38.54	−30 48.6	1.346	2.341	6.4	17.7
6 10	15 28.13	−30 11.6	1.361	2.323	10.5	17.9
6 20	15 20.25	−29 28.5	1.398	2.305	14.6	18.1

501842 2014 WK_{141} 5 20.7 93°.82 0°.6/20.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 18.64	−21 40.4	1.629	2.440	17.0	21.7
4 21	16 14.93	−21 7.6	1.553	2.448	13.5	21.5
5 1	16 8.43	−20 25.1	1.497	2.456	9.3	21.2
5 11	15 59.87	−19 34.7	1.466	2.464	4.7	21.0
5 21	15 50.30	−18 39.8	1.459	2.471	0.6	20.7
5 31	15 40.95	−17 45.3	1.480	2.479	5.2	21.1
6 10	15 32.97	−16 56.6	1.526	2.486	9.7	21.3
6 20	15 27.18	−16 18.0	1.595	2.494	13.6	21.6

506240 2016 NX_{25} 5 20.7 8°.48 0°.4/20.4 17

4 11	16 14.08	−24 18.5	1.579	2.397	17.1	20.5
4 21	16 11.48	−23 18.1	1.499	2.398	13.6	20.3
5 1	16 6.12	−22 2.8	1.439	2.399	9.4	20.0
5 11	15 58.73	−20 35.3	1.403	2.401	4.7	19.7
5 21	15 50.34	−19 0.7	1.392	2.404	0.5	19.4
5 31	15 42.16	−17 26.4	1.408	2.407	5.3	19.8
6 10	15 35.32	−16 0.1	1.449	2.411	9.9	20.1
6 20	15 30.62	−14 47.9	1.512	2.416	14.0	20.3

201583 2003 SJ_{87} 5 20.7 277°.65 3°.1/21.8 17 R

4 11	16 20.67	−26 28.7	1.981	2.766	15.3	20.2
4 21	16 16.63	−27 9.5	1.876	2.751	12.5	20.0
5 1	16 9.83	−27 44.1	1.791	2.735	9.2	19.8
5 11	16 0.76	−28 9.9	1.731	2.719	5.6	19.5
5 21	15 50.28	−28 25.1	1.697	2.703	3.1	19.3
5 31	15 39.54	−28 29.5	1.691	2.687	5.1	19.4
6 10	15 29.77	−28 25.4	1.710	2.670	8.9	19.6
6 20	15 21.98	−28 16.7	1.754	2.654	12.6	19.8

21930 1999 VP_{61} 5 20.7 229°.70 0°.4/20.3 18

4 11	16 11.20	−19 28.1	3.959	4.740	8.3	19.9
4 21	16 7.43	−19 13.5	3.850	4.729	6.6	19.8
5 1	16 2.48	−18 55.6	3.766	4.717	4.5	19.6
5 11	15 56.68	−18 35.3	3.709	4.706	2.3	19.5
5 21	15 50.42	−18 13.6	3.682	4.694	0.4	19.3
5 31	15 44.16	−17 52.0	3.685	4.682	2.6	19.5
6 10	15 38.35	−17 31.8	3.717	4.669	4.9	19.6
6 20	15 33.35	−17 14.7	3.777	4.656	7.0	19.7

340509 2006 JT_{8} 5 20.7 9°.48 0°.1/20.8 17

4 11	16 15.67	−22 35.4	1.794	2.603	15.7	21.2
4 21	16 12.45	−22 15.8	1.710	2.603	12.5	21.0
5 1	16 6.69	−21 47.1	1.647	2.604	8.7	20.8
5 11	15 59.02	−21 10.5	1.608	2.605	4.4	20.5
5 21	15 50.35	−20 28.1	1.595	2.607	0.2	20.1
5 31	15 41.78	−19 43.9	1.608	2.608	4.6	20.5
6 10	15 34.38	−19 2.4	1.647	2.610	8.9	20.8
6 20	15 28.93	−18 27.7	1.710	2.612	12.7	21.0

346566 2008 VF_{9} 5 20.7 325°.55 4°.8/17.7 17

4 11	16 13.57	−12 39.0	1.731	2.555	15.6	20.6
4 21	16 10.75	−11 22.1	1.646	2.548	12.4	20.4
5 1	16 5.50	−10 0.1	1.584	2.542	8.9	20.1
5 11	15 58.43	− 8 38.6	1.545	2.536	5.7	19.9
5 21	15 50.38	− 7 23.7	1.533	2.530	5.1	19.9
5 31	15 42.39	− 6 21.6	1.546	2.524	7.8	20.0
6 10	15 35.49	− 5 36.9	1.584	2.519	11.4	20.2
6 20	15 30.43	− 5 11.7	1.644	2.514	14.8	20.4

470333 2007 RP_{34} 5 20.7 248°.40 3°.8/18.3 16

4 11	16 16.18	−11 5.2	2.375	3.175	12.6	22.0
4 21	16 12.17	−10 20.2	2.271	3.159	10.1	21.8
5 1	16 6.19	− 9 33.7	2.191	3.142	7.3	21.6
5 11	15 58.71	− 8 48.6	2.136	3.124	4.6	21.4
5 21	15 50.37	− 8 8.4	2.109	3.106	3.9	21.3
5 31	15 41.97	− 7 36.6	2.110	3.087	6.1	21.4
6 10	15 34.32	− 7 15.8	2.138	3.068	9.1	21.6
6 20	15 28.06	− 7 7.5	2.190	3.049	12.1	21.8

300228 2006 XN_{54} 5 20.7 220°.39 2°.2/22.3 18

4 11	16 17.41	−29 21.5	3.019	3.776	11.2	22.3
4 21	16 12.85	−29 21.1	2.909	3.766	9.1	22.1
5 1	16 6.49	−29 12.2	2.821	3.755	6.7	21.9
5 11	15 58.80	−28 54.1	2.760	3.744	4.1	21.7
5 21	15 50.37	−28 27.0	2.727	3.732	2.2	21.6
5 31	15 41.93	−27 52.4	2.724	3.719	3.5	21.7
6 10	15 34.19	−27 13.1	2.750	3.706	6.1	21.8
6 20	15 27.73	−26 32.3	2.802	3.693	8.7	22.0

139939 2001 RX_{134} 5 20.7 148°.52 5°.5/17.4 18

4 11	16 14.80	− 5 29.4	2.278	3.080	13.0	19.9
4 21	16 10.97	− 4 38.4	2.199	3.083	10.6	19.7
5 1	16 5.25	− 3 50.4	2.143	3.085	8.0	19.6
5 11	15 58.16	− 3 9.3	2.113	3.087	6.0	19.4
5 21	15 50.39	− 2 39.0	2.109	3.089	5.7	19.4
5 31	15 42.71	− 2 22.3	2.132	3.091	7.4	19.5
6 10	15 35.87	− 2 20.6	2.181	3.093	9.8	19.7
6 20	15 30.46	− 2 34.0	2.253	3.095	12.4	19.9

300951 2008 CK_{193} 5 20.7 157°.87 2°.2/19.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 14.74	−14 26.3	2.705	3.501	11.4	21.6
4 21	16 10.63	−13 53.8	2.619	3.505	9.0	21.4
5 1	16 4.87	−13 19.0	2.556	3.510	6.2	21.2
5 11	15 57.93	−12 44.2	2.520	3.514	3.5	21.1
5 21	15 50.40	−12 11.6	2.512	3.517	2.3	21.0
5 31	15 42.95	−11 43.7	2.533	3.521	4.4	21.1
6 10	15 36.23	−11 22.8	2.583	3.524	7.2	21.3
6 20	15 30.77	−11 10.2	2.657	3.527	9.9	21.5

105834 2000 SC_{150} 5 20.7 146°.37 1°.1/19.9 18

4 11	16 15.10	−18 7.9	2.786	3.576	11.2	20.1
4 21	16 10.87	−17 40.2	2.699	3.583	8.8	19.9
5 1	16 5.01	−17 8.5	2.637	3.591	6.0	19.8
5 11	15 57.99	−16 34.3	2.601	3.598	3.1	19.6
5 21	15 50.40	−15 59.6	2.594	3.604	1.2	19.4
5 31	15 42.91	−15 26.8	2.616	3.611	3.7	19.6
6 10	15 36.17	−14 58.4	2.667	3.617	6.6	19.8
6 20	15 30.67	−14 36.4	2.744	3.622	9.3	20.0

4113 Rascana 5 20.7 49°.17 5°.3/18.9 18 R

4 11	16 18.61	−10 44.6	1.271	2.107	19.4	16.6
4 21	16 15.45	−10 5.7	1.208	2.115	15.5	16.4
5 1	16 9.08	− 9 27.6	1.163	2.124	11.1	16.2
5 11	16 0.31	− 8 55.5	1.141	2.133	6.9	15.9
5 21	15 50.33	− 8 34.1	1.141	2.142	5.5	15.9
5 31	15 40.61	− 8 27.5	1.166	2.152	8.5	16.1
6 10	15 32.51	− 8 37.9	1.213	2.162	12.8	16.3
6 20	15 26.92	− 9 4.8	1.281	2.172	16.8	16.6

41669 2000 TW_{28} 5 20.7 215°.55 3°.3/22.2 18

4 11	16 22.41	−29 8.0	1.800	2.582	16.7	19.4
4 21	16 18.15	−29 20.8	1.705	2.577	13.7	19.2
5 1	16 10.90	−29 21.7	1.629	2.570	10.1	19.0
5 11	16 1.28	−29 8.3	1.577	2.564	6.2	18.7
5 21	15 50.30	−28 40.1	1.551	2.556	3.4	18.5
5 31	15 39.29	−27 59.1	1.552	2.549	5.3	18.6
6 10	15 29.56	−27 10.6	1.578	2.540	9.3	18.8
6 20	15 22.12	−26 20.6	1.629	2.532	13.2	19.0

108 Hecuba 5 20.7 38°.83 1°.9/21.8 18

4 11	16 15.91	−26 25.6	2.307	3.091	13.4	13.1
4 21	16 12.13	−26 34.1	2.219	3.094	10.8	13.0
5 1	16 6.21	−26 34.4	2.152	3.098	7.7	12.8
5 11	15 58.71	−26 26.0	2.111	3.101	4.4	12.6
5 21	15 50.39	−26 9.3	2.096	3.105	1.9	12.4
5 31	15 42.12	−25 46.0	2.110	3.109	3.9	12.5
6 10	15 34.79	−25 19.3	2.151	3.113	7.2	12.7
6 20	15 29.06	−24 52.6	2.217	3.117	10.3	12.9

38342 1999 RT_{139} 5 20.7 298°.02 2°.3/21.8 18

4 11	16 17.33	−26 44.1	1.791	2.589	16.2	19.1
4 21	16 14.08	−26 50.7	1.696	2.579	13.2	18.9
5 1	16 8.05	−26 46.8	1.621	2.570	9.5	18.6
5 11	15 59.83	−26 31.2	1.569	2.560	5.5	18.4
5 21	15 50.36	−26 4.2	1.542	2.551	2.3	18.1
5 31	15 40.83	−25 28.1	1.542	2.542	4.9	18.3
6 10	15 32.47	−24 47.6	1.568	2.533	9.1	18.5
6 20	15 26.19	−24 7.9	1.616	2.524	13.0	18.7

70356 1999 RP_{185} 5 20.7 163°.14 0°.7/21.1 18

4 11	16 21.80	−23 28.0	1.944	2.734	15.4	20.7
4 21	16 17.09	−23 20.9	1.858	2.739	12.3	20.5
5 1	16 9.80	−23 5.5	1.793	2.744	8.6	20.3
5 11	16 0.58	−22 41.8	1.753	2.749	4.5	20.0
5 21	15 50.35	−22 11.0	1.740	2.752	0.7	19.7
5 31	15 40.24	−21 35.9	1.755	2.755	4.4	20.0
6 10	15 31.31	−21 0.7	1.798	2.757	8.5	20.3
6 20	15 24.38	−20 29.6	1.864	2.759	12.2	20.5

345890 2007 RE_{73} 5 20.7 254°.83 3°.5/18.8 17

4 11	16 15.59	−12 38.6	2.039	2.850	14.0	21.5
4 21	16 11.98	−11 58.6	1.951	2.845	11.2	21.3
5 1	16 6.17	−11 16.6	1.885	2.840	7.9	21.1
5 11	15 58.73	−10 35.8	1.843	2.836	4.7	20.9
5 21	15 50.42	− 9 59.8	1.829	2.831	3.6	20.8
5 31	15 42.14	− 9 32.0	1.841	2.826	6.1	21.0
6 10	15 34.79	− 9 15.3	1.880	2.821	9.5	21.1
6 20	15 29.07	− 9 11.1	1.942	2.816	12.7	21.3

144541 2004 EZ_{93} 5 20.7 293°.02 1°.9/19.8 18

4 11	16 15.66	−15 31.2	2.093	2.901	13.8	20.0
4 21	16 12.12	−15 18.4	1.995	2.889	11.0	19.8
5 1	16 6.35	−15 3.3	1.919	2.877	7.7	19.6
5 11	15 58.87	−14 47.5	1.868	2.865	4.1	19.3
5 21	15 50.41	−14 33.0	1.844	2.853	2.0	19.1
5 31	15 41.90	−14 22.2	1.847	2.841	5.0	19.3
6 10	15 34.25	−14 17.5	1.877	2.830	8.7	19.5
6 20	15 28.21	−14 20.6	1.930	2.818	12.2	19.7

106342 2000 UP_{110} 5 20.7 105°.26 3°.0/19.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 21.43	−14 18.9	1.611	2.424	17.0	20.1
4 21	16 16.99	−13 54.0	1.543	2.439	13.5	19.9
5 1	16 9.79	−13 27.0	1.495	2.453	9.4	19.6
5 11	16 0.57	−13 0.7	1.471	2.467	5.1	19.4
5 21	15 50.38	−12 38.3	1.473	2.480	3.1	19.3
5 31	15 40.44	−12 23.0	1.502	2.493	6.3	19.6
6 10	15 31.90	−12 17.4	1.555	2.506	10.4	19.8
6 20	15 25.54	−12 23.1	1.632	2.518	14.1	20.1

263665 2008 GU_{110} 5 20.7 15°.14 11°.8/14.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 14.90	+12 45.0	2.013	2.780	15.7	19.9
4 21	16 11.28	+13 48.4	1.956	2.783	14.1	19.8
5 1	16 5.57	+14 35.0	1.919	2.788	12.7	19.7
5 11	15 58.37	+14 58.4	1.903	2.792	11.9	19.6
5 21	15 50.45	+14 54.3	1.908	2.798	12.0	19.7
5 31	15 42.71	+14 21.3	1.936	2.803	12.9	19.7
6 10	15 35.98	+13 20.9	1.985	2.809	14.4	19.8
6 20	15 30.87	+11 57.3	2.053	2.816	16.0	20.0

75378 1999 XQ_{85} 5 20.7 184°.96 1°.5/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 21.00	−17 2.1	2.196	2.988	13.8	20.4
4 21	16 16.09	−16 42.6	2.104	2.989	10.9	20.2
5 1	16 8.94	−16 19.3	2.035	2.988	7.6	20.0
5 11	16 0.12	−15 53.5	1.991	2.987	3.9	19.7
5 21	15 50.41	−15 27.4	1.976	2.985	1.6	19.6
5 31	15 40.74	−15 3.5	1.989	2.983	4.7	19.8
6 10	15 32.04	−14 44.9	2.030	2.979	8.4	20.0
6 20	15 25.02	−14 33.7	2.096	2.975	11.7	20.2

83782 2001 TL_{201} 5 20.7 355°.26 3°.9/19.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 16.46	− 9 34.4	2.043	2.851	14.1	18.7
4 21	16 12.62	− 9 19.0	1.959	2.850	11.3	18.5
5 1	16 6.60	− 9 5.6	1.897	2.850	8.1	18.3
5 11	15 58.96	− 8 57.1	1.860	2.849	5.1	18.1
5 21	15 50.44	− 8 55.7	1.849	2.849	4.0	18.1
5 31	15 41.97	− 9 3.6	1.866	2.849	6.2	18.2
6 10	15 34.43	− 9 21.7	1.909	2.849	9.4	18.4
6 20	15 28.53	− 9 50.2	1.975	2.849	12.5	18.6

230346 2002 CN_{263} 5 20.7 143°.45 1°.2/21.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 12.67	−26 22.3	3.525	4.293	9.5	21.1
4 21	16 8.76	−26 18.6	3.431	4.298	7.6	21.0
5 1	16 3.48	−26 8.9	3.361	4.303	5.4	20.8
5 11	15 57.24	−25 53.2	3.318	4.307	3.1	20.7
5 21	15 50.50	−25 32.2	3.303	4.312	1.3	20.5
5 31	15 43.82	−25 7.4	3.318	4.317	2.7	20.7
6 10	15 37.73	−24 40.6	3.362	4.321	5.0	20.8
6 20	15 32.64	−24 14.0	3.433	4.325	7.2	21.0

270448 2002 CO_{166} 5 20.7 121°.61 6°.6/24.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 24.16	−37 28.0	2.043	2.786	16.2	20.7
4 21	16 19.38	−38 18.0	1.962	2.795	13.8	20.5
5 1	16 11.64	−38 53.8	1.899	2.804	11.0	20.3
5 11	16 1.63	−39 11.1	1.860	2.813	8.4	20.2
5 21	15 50.37	−39 7.2	1.845	2.822	6.7	20.1
5 31	15 39.20	−38 42.7	1.857	2.830	7.1	20.1
6 10	15 29.40	−38 1.8	1.895	2.838	9.3	20.3
6 20	15 21.89	−37 10.9	1.957	2.846	12.0	20.5

306846 2001 ST_{78} 5 20.7 222°.26 1°.8/19.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 18.27	−17 22.6	1.897	2.703	15.1	22.0
4 21	16 14.36	−16 55.9	1.806	2.699	12.0	21.8
5 1	16 7.99	−16 24.0	1.736	2.693	8.3	21.5
5 11	15 59.73	−15 49.1	1.691	2.688	4.3	21.3
5 21	15 50.43	−15 13.7	1.672	2.682	1.9	21.1
5 31	15 41.15	−14 41.5	1.681	2.676	5.3	21.3
6 10	15 32.93	−14 16.1	1.716	2.670	9.4	21.5
6 20	15 26.56	−14 0.3	1.775	2.663	13.0	21.7

131914 2002 BD_{17} 5 20.7 26°.50 8°.4/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 21.04	−39 35.4	1.675	2.431	18.8	18.9
4 21	16 17.73	−40 35.0	1.597	2.436	16.1	18.7
5 1	16 10.96	−41 16.8	1.537	2.441	13.2	18.5
5 11	16 1.43	−41 35.3	1.497	2.446	10.4	18.4
5 21	15 50.38	−41 26.8	1.480	2.451	8.6	18.3
5 31	15 39.41	−40 51.7	1.488	2.457	8.9	18.3
6 10	15 30.08	−39 55.6	1.519	2.464	11.0	18.5
6 20	15 23.50	−38 47.0	1.572	2.470	13.8	18.6

204202 2004 CA 5 20.7 163°.05 12°.1/19.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 34.08	+ 6 46.0	1.256	2.041	22.4	20.3
4 21	16 27.92	+ 7 1.6	1.187	2.045	19.3	20.1
5 1	16 17.93	+ 6 55.1	1.135	2.049	15.9	19.9
5 11	16 4.92	+ 6 18.0	1.103	2.052	13.1	19.7
5 21	15 50.30	+ 5 5.7	1.094	2.055	12.1	19.7
5 31	15 35.86	+ 3 18.9	1.109	2.057	13.7	19.8
6 10	15 23.32	+ 1 4.5	1.149	2.058	16.9	20.0
6 20	15 13.85	− 1 28.1	1.209	2.059	20.3	20.2

65407 2002 RP_{120} 5 20.7 16°.10 0°.8/14.7 04 CR

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 55.35	+ 5 45.4	32.084	32.841	1.2	27.6
4 21	15 54.31	+ 5 52.0	32.041	32.875	1.0	27.6
5 1	15 53.16	+ 5 57.7	32.022	32.908	0.8	27.6
5 11	15 51.95	+ 6 2.3	32.030	32.942	0.8	27.5
5 21	15 50.70	+ 6 5.6	32.064	32.975	0.8	27.6
5 31	15 49.45	+ 6 7.5	32.126	33.008	0.9	27.6
6 10	15 48.25	+ 6 8.0	32.213	33.042	1.0	27.6
6 20	15 47.12	+ 6 7.0	32.324	33.075	1.2	27.6

211145 2002 GE_{105} 5 20.7 317°.00 3°.1/20.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 19.81	−11 59.2	1.334	2.164	19.0	19.5
4 21	16 16.83	−12 14.1	1.246	2.151	15.3	19.2
5 1	16 10.48	−12 33.0	1.177	2.139	10.9	18.9
5 11	16 1.32	−12 58.0	1.130	2.126	6.0	18.6
5 21	15 50.41	−13 30.3	1.106	2.115	3.2	18.4
5 31	15 39.25	−14 10.6	1.107	2.104	7.1	18.6
6 10	15 29.43	−14 59.3	1.132	2.093	12.2	18.8
6 20	15 22.17	−15 55.9	1.178	2.083	16.9	19.0

411695 2011 YB_{49} 5 20.7 56°.81 0°.5/20.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 18.98	−23 10.2	1.396	2.216	18.9	20.9
4 21	16 15.75	−22 56.0	1.326	2.225	15.0	20.7
5 1	16 9.31	−22 30.9	1.276	2.235	10.5	20.4
5 11	16 0.48	−21 55.7	1.247	2.245	5.4	20.2
5 21	15 50.45	−21 13.0	1.243	2.255	0.5	19.8
5 31	15 40.67	−20 27.3	1.264	2.265	5.4	20.2
6 10	15 32.51	−19 44.7	1.309	2.276	10.3	20.5
6 20	15 26.86	−19 10.1	1.376	2.286	14.6	20.8

263198 2007 YX_{60} 5 20.7 59°.71 4°.9/22.2 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 25.67	−28 12.4	1.417	2.215	19.7	20.0
4 21	16 21.30	−29 21.3	1.354	2.233	16.1	19.8
5 1	16 13.33	−30 20.1	1.310	2.253	11.9	19.6
5 11	16 2.59	−31 4.0	1.288	2.272	7.7	19.4
5 21	15 50.39	−31 29.6	1.291	2.292	5.0	19.3
5 31	15 38.42	−31 36.7	1.318	2.312	6.7	19.4
6 10	15 28.29	−31 29.9	1.371	2.331	10.5	19.7
6 20	15 21.05	−31 15.3	1.445	2.351	14.3	20.0

476539 2008 HL_{14} 5 20.7 325°.96 11°.6/24.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 32.41	−49 10.5	2.312	2.974	16.5	21.3
4 21	16 27.30	−51 21.9	2.220	2.967	15.0	21.1
5 1	16 18.25	−53 20.1	2.147	2.961	13.5	21.0
5 11	16 5.58	−54 56.8	2.097	2.955	12.3	20.9
5 21	15 50.29	−56 4.1	2.069	2.949	11.6	20.8
5 31	15 34.10	−56 37.7	2.065	2.944	11.8	20.8
6 10	15 19.09	−56 39.1	2.084	2.938	12.7	20.9
6 20	15 6.98	−56 14.5	2.124	2.933	14.1	21.0

243559 1993 TR_{37} 5 20.7 298°.04 4°.1/19.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 16.53	−14 24.7	1.398	2.230	18.2	20.5
4 21	16 14.26	−13 44.5	1.293	2.200	14.7	20.2
5 1	16 8.77	−12 58.1	1.207	2.169	10.5	19.9
5 11	16 0.53	−12 9.4	1.143	2.139	6.1	19.5
5 21	15 50.45	−11 23.2	1.102	2.108	4.2	19.3
5 31	15 39.92	−10 45.6	1.086	2.078	8.1	19.4
6 10	15 30.49	−10 22.3	1.093	2.047	13.3	19.6
6 20	15 23.43	−10 17.0	1.119	2.017	18.2	19.8

357949 2005 YZ_{135} 5 20.7 179°.79 0°.9/20.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 22.75	−18 29.7	1.608	2.416	17.3	22.0
4 21	16 18.41	−18 25.6	1.524	2.417	13.8	21.7
5 1	16 11.06	−18 16.8	1.461	2.418	9.6	21.5
5 11	16 1.39	−18 3.9	1.421	2.419	4.9	21.2
5 21	15 50.43	−17 48.7	1.407	2.418	1.0	20.9
5 31	15 39.51	−17 33.8	1.419	2.418	5.5	21.2
6 10	15 29.94	−17 22.7	1.457	2.416	10.2	21.5
6 20	15 22.68	−17 18.6	1.518	2.415	14.4	21.7

42980 1999 TM_{224} 5 20.7 113°.99 0°.5/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 19.66	−21 56.6	2.088	2.880	14.4	19.5
4 21	16 15.15	−21 58.7	2.009	2.892	11.4	19.3
5 1	16 8.34	−21 54.6	1.951	2.903	7.9	19.1
5 11	15 59.84	−21 44.5	1.918	2.914	4.1	18.9
5 21	15 50.49	−21 29.5	1.913	2.925	0.5	18.6
5 31	15 41.27	−21 11.5	1.936	2.935	4.1	18.9
6 10	15 33.14	−20 53.5	1.986	2.946	7.8	19.2
6 20	15 26.78	−20 38.6	2.061	2.956	11.2	19.4

488622 2002 TN_{292} 5 20.7 232°.63 5°.6/17.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 21.16	−18 22.5	1.244	2.075	20.1	20.6
4 21	16 17.88	−16 4.2	1.160	2.067	16.1	20.3
5 1	16 11.05	−13 24.8	1.096	2.059	11.3	20.0
5 11	16 1.49	−10 32.8	1.056	2.051	6.8	19.7
5 21	15 50.45	− 7 41.5	1.042	2.042	6.2	19.6
5 31	15 39.55	− 5 6.6	1.054	2.032	10.3	19.8
6 10	15 30.33	− 3 1.0	1.089	2.023	15.4	20.1
6 20	15 23.86	− 1 31.0	1.143	2.012	20.0	20.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
14043 1995 UA_{45}			5 20.7 168°.70		0°.8/20.5 18	
	h m	° ′			°	m
4 11	16 23.98	−18 35.0	1.677	2.479	16.9	18.8
4 21	16 19.24	−18 35.7	1.594	2.483	13.5	18.6
5 1	16 11.56	−18 32.0	1.531	2.487	9.4	18.3
5 11	16 1.62	−18 24.4	1.492	2.489	4.7	18.1
5 21	15 50.45	−18 14.2	1.480	2.491	0.8	17.8
5 31	15 39.34	−18 3.7	1.495	2.493	5.3	18.1
6 10	15 29.56	−17 56.0	1.535	2.494	9.8	18.4
6 20	15 22.04	−17 54.0	1.600	2.494	13.9	18.6
471489 2011 VM_{14}			5 20.7 208°.52		2°.3/22.7 18	
4 11	16 17.48	−31 12.4	3.110	3.859	11.0	21.7
4 21	16 12.82	−30 57.1	3.002	3.853	9.0	21.5
5 1	16 6.44	−30 31.8	2.916	3.845	6.7	21.4
5 11	15 58.81	−29 55.9	2.857	3.838	4.2	21.2
5 21	15 50.53	−29 10.2	2.826	3.829	2.4	21.0
5 31	15 42.30	−28 16.7	2.826	3.821	3.4	21.1
6 10	15 34.82	−27 18.7	2.854	3.811	5.9	21.2
6 20	15 28.62	−26 19.9	2.910	3.802	8.4	21.4
187092 2005 QJ_{2}			5 20.7 229°.22		0°.9/20.3 18	
4 11	16 19.16	−19 47.7	2.053	2.850	14.4	21.2
4 21	16 14.98	−19 22.5	1.953	2.840	11.5	21.0
5 1	16 8.40	−18 50.5	1.874	2.829	8.0	20.8
5 11	15 59.97	−18 13.0	1.821	2.818	4.0	20.5
5 21	15 50.50	−17 32.2	1.794	2.806	1.0	20.3
5 31	15 40.99	−16 51.6	1.796	2.793	4.7	20.5
6 10	15 32.45	−16 15.1	1.825	2.780	8.8	20.7
6 20	15 25.67	−15 46.3	1.879	2.767	12.4	20.9
375834 2009 UW_{108}			5 20.7 139°.55		0°.6/20.9 17	
4 11	16 22.74	−20 45.5	2.130	2.916	14.3	21.3
4 21	16 17.61	−21 8.7	2.046	2.925	11.4	21.1
5 1	16 10.09	−21 28.1	1.983	2.934	8.0	20.9
5 11	16 0.77	−21 42.8	1.947	2.942	4.1	20.7
5 21	15 50.48	−21 52.8	1.938	2.950	0.6	20.4
5 31	15 40.26	−21 58.9	1.958	2.957	4.1	20.7
6 10	15 31.09	−22 3.1	2.006	2.964	7.9	20.9
6 20	15 23.73	−22 7.7	2.079	2.971	11.3	21.2
280557 2004 RR_{306}			5 20.7 204°.79		0°.6/21.0 18	
4 11	16 21.89	−21 20.8	2.512	3.288	12.7	21.2
4 21	16 16.71	−21 39.7	2.409	3.283	10.1	21.0
5 1	16 9.39	−21 54.7	2.329	3.277	7.1	20.8
5 11	16 0.42	−22 5.4	2.276	3.270	3.7	20.6
5 21	15 50.50	−22 11.5	2.251	3.263	0.6	20.3
5 31	15 40.50	−22 13.8	2.256	3.255	3.7	20.6
6 10	15 31.30	−22 14.2	2.290	3.246	7.2	20.8
6 20	15 23.62	−22 14.9	2.350	3.237	10.3	21.0
479133 2013 BS_{41}			5 20.7 257°.53		11°.5/11.4 16	
4 11	16 15.60	+17 18.7	2.558	3.286	13.6	21.4
4 21	16 11.54	+18 33.9	2.488	3.274	12.6	21.3
5 1	16 5.66	+19 34.2	2.438	3.263	11.8	21.2
5 11	15 58.46	+20 13.6	2.409	3.251	11.5	21.2
5 21	15 50.56	+20 27.9	2.403	3.238	11.7	21.2
5 31	15 42.69	+20 15.0	2.418	3.226	12.6	21.2
6 10	15 35.59	+19 35.2	2.453	3.213	13.8	21.3
6 20	15 29.83	+18 31.3	2.507	3.201	15.1	21.4
233446 2006 HQ_{106}			5 20.7 114°.26		2°.4/19.5 18	
4 11	16 18.51	−14 29.2	2.171	2.970	13.7	20.9
4 21	16 13.99	−14 6.0	2.096	2.985	10.8	20.8
5 1	16 7.39	−13 41.0	2.044	2.999	7.5	20.6
5 11	15 59.32	−13 16.3	2.018	3.012	4.1	20.4
5 21	15 50.54	−12 54.2	2.019	3.026	2.4	20.3
5 31	15 41.92	−12 37.2	2.048	3.039	5.0	20.5
6 10	15 34.30	−12 27.6	2.105	3.051	8.3	20.7
6 20	15 28.31	−12 26.7	2.186	3.063	11.4	20.9
54966 2001 PA_{28}			5 20.7 188°.21		2°.1/19.6 18	
4 11	16 16.85	−14 18.7	2.506	3.301	12.2	20.1
4 21	16 12.54	−14 1.7	2.415	3.301	9.6	19.9
5 1	16 6.37	−13 43.2	2.346	3.300	6.7	19.7
5 11	15 58.82	−13 24.9	2.304	3.299	3.7	19.6
5 21	15 50.55	−13 8.6	2.290	3.297	2.2	19.4
5 31	15 42.31	−12 56.5	2.305	3.295	4.5	19.6
6 10	15 34.85	−12 50.3	2.347	3.293	7.6	19.8
6 20	15 28.76	−12 51.5	2.415	3.290	10.5	20.0
225829 2001 XA_{46}			5 20.7 124°.95		0°.8/21.1 18	
4 11	16 22.85	−21 28.2	2.049	2.837	14.8	20.3
4 21	16 17.78	−21 52.3	1.968	2.848	11.8	20.2
5 1	16 10.24	−22 11.8	1.909	2.859	8.2	20.0
5 11	16 0.86	−22 26.0	1.875	2.870	4.3	19.7
5 21	15 50.50	−22 34.6	1.869	2.881	0.9	19.5
5 31	15 40.23	−22 38.4	1.892	2.891	4.2	19.8
6 10	15 31.08	−22 39.9	1.941	2.901	8.0	20.0
6 20	15 23.83	−22 41.6	2.016	2.910	11.5	20.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
175816 1999 RZ_{230}			5 20.7 278°.74		0°.6/20.5 18	
	h m	° ′			°	m
4 11	16 21.85	−18 43.1	1.735	2.539	16.4	21.0
4 21	16 18.02	−18 47.5	1.618	2.509	13.3	20.7
5 1	16 11.16	−18 48.0	1.521	2.477	9.4	20.4
5 11	16 1.69	−18 44.8	1.448	2.445	4.8	20.1
5 21	15 50.47	−18 38.5	1.400	2.412	0.7	19.7
5 31	15 38.73	−18 30.9	1.380	2.379	5.5	19.9
6 10	15 27.89	−18 25.3	1.386	2.345	10.6	20.1
6 20	15 19.14	−18 24.8	1.414	2.311	15.2	20.3
175866 1999 VV_{69}			5 20.7 202°.25		1°.4/21.2 17	
4 11	16 22.66	−22 52.4	1.808	2.602	16.2	21.0
4 21	16 18.21	−23 15.0	1.717	2.600	13.0	20.8
5 1	16 10.91	−23 31.7	1.646	2.597	9.2	20.6
5 11	16 1.35	−23 41.3	1.600	2.594	5.0	20.3
5 21	15 50.49	−23 43.2	1.580	2.591	1.4	20.0
5 31	15 39.56	−23 38.6	1.587	2.587	4.8	20.3
6 10	15 29.83	−23 30.5	1.621	2.583	9.1	20.5
6 20	15 22.24	−23 22.5	1.679	2.578	13.0	20.7
472290 2014 WT_{165}			5 20.7 106°.46		1°.0/21.3 17	
4 11	16 19.95	−24 56.4	1.700	2.500	16.8	20.9
4 21	16 15.98	−24 39.1	1.623	2.509	13.5	20.7
5 1	16 9.21	−24 10.6	1.565	2.518	9.5	20.5
5 11	16 0.38	−23 31.3	1.532	2.527	5.0	20.3
5 21	15 50.52	−22 43.3	1.524	2.535	1.0	20.0
5 31	15 40.87	−21 50.8	1.543	2.544	4.7	20.3
6 10	15 32.59	−20 59.2	1.588	2.552	9.1	20.5
6 20	15 26.51	−20 13.7	1.657	2.560	13.0	20.8
483238 2015 RY_{103}			5 20.7 217°.65		6°.0/25.2 18	
4 11	16 19.10	−42 49.2	3.128	3.823	12.0	21.6
4 21	16 14.55	−43 25.0	3.027	3.819	10.4	21.5
5 1	16 7.90	−43 48.4	2.946	3.815	8.7	21.3
5 11	15 59.66	−43 56.5	2.888	3.810	7.1	21.2
5 21	15 50.54	−43 48.0	2.856	3.805	6.1	21.2
5 31	15 41.41	−43 22.8	2.852	3.801	6.2	21.2
6 10	15 33.12	−42 43.5	2.873	3.796	7.4	21.2
6 20	15 26.37	−41 54.1	2.920	3.791	9.0	21.3
51987 2001 SV_{179}			5 20.7 131°.25		0°.7/21.1 18	
4 11	16 17.50	−23 4.2	2.268	3.057	13.5	19.8
4 21	16 13.35	−23 1.0	2.181	3.063	10.7	19.6
5 1	16 7.07	−22 51.0	2.117	3.068	7.5	19.4
5 11	15 59.22	−22 34.5	2.078	3.073	3.9	19.2
5 21	15 50.56	−22 12.6	2.066	3.078	0.7	18.9
5 31	15 41.98	−21 47.3	2.083	3.082	3.8	19.2
6 10	15 34.36	−21 21.8	2.127	3.087	7.4	19.4
6 20	15 28.34	−20 59.1	2.196	3.091	10.6	19.6
171744 2000 WU_{195}			5 20.7 208°.01		2°.2/21.8 17	
4 11	16 23.45	−26 57.8	2.127	2.900	14.8	21.4
4 21	16 18.46	−27 4.1	2.025	2.893	12.0	21.2
5 1	16 10.88	−27 1.0	1.944	2.886	8.7	20.9
5 11	16 1.27	−26 47.1	1.888	2.877	5.0	20.7
5 21	15 50.51	−26 22.3	1.859	2.868	2.2	20.5
5 31	15 39.68	−25 48.6	1.860	2.857	4.5	20.6
6 10	15 29.92	−25 9.9	1.887	2.846	8.2	20.8
6 20	15 22.08	−24 30.8	1.940	2.834	11.8	21.0
499659 2010 VY_{114}			5 20.7 215°.84		3°.7/22.4 17	
4 11	16 23.58	−29 59.0	2.046	2.814	15.4	22.8
4 21	16 18.84	−30 23.4	1.944	2.806	12.7	22.6
5 1	16 11.30	−30 37.5	1.864	2.798	9.5	22.4
5 11	16 1.56	−30 38.5	1.807	2.789	6.1	22.2
5 21	15 50.51	−30 25.3	1.777	2.779	3.7	22.0
5 31	15 39.35	−29 58.7	1.775	2.768	5.2	22.1
6 10	15 29.30	−29 22.7	1.799	2.757	8.7	22.3
6 20	15 21.32	−28 42.6	1.849	2.745	12.2	22.5
241180 2007 RZ_{242}			5 20.7 263°.77		1°.6/21.5 17	
4 11	16 18.81	−24 37.3	2.191	2.976	14.0	20.8
4 21	16 14.78	−24 50.2	2.082	2.960	11.3	20.5
5 1	16 8.35	−24 56.3	1.996	2.944	8.1	20.3
5 11	16 0.02	−24 54.7	1.934	2.927	4.5	20.1
5 21	15 50.55	−24 45.3	1.900	2.910	1.6	19.8
5 31	15 40.92	−24 29.3	1.893	2.892	4.2	20.0
6 10	15 32.16	−24 9.6	1.914	2.875	8.0	20.2
6 20	15 25.10	−23 49.9	1.959	2.857	11.5	20.3
140969 2001 VE_{118}			5 20.7 158°.86		0°.9/20.3 18	
4 11	16 17.56	−17 8.4	2.481	3.273	12.4	20.1
4 21	16 13.16	−17 11.5	2.391	3.275	9.8	19.9
5 1	16 6.83	−17 12.4	2.324	3.278	6.8	19.7
5 11	15 59.09	−17 11.9	2.284	3.280	3.4	19.5
5 21	15 50.58	−17 10.9	2.271	3.282	0.9	19.3
5 31	15 42.10	−17 10.7	2.288	3.284	3.9	19.5
6 10	15 34.43	−17 13.0	2.332	3.286	7.2	19.7
6 20	15 28.18	−17 19.3	2.402	3.288	10.2	19.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
431023 2005 YL_{199}			5 20.7	104°.98	1°.1/21.4	17
	h m	° ′			°	m
4 11	16 20.41	−24 48.7	2.032	2.819	14.9	21.7
4 21	16 15.78	−24 40.6	1.958	2.836	11.9	21.5
5 1	16 8.77	−24 23.6	1.904	2.853	8.3	21.4
5 11	16 0.07	−23 57.8	1.876	2.870	4.4	21.1
5 21	15 50.56	−23 24.6	1.875	2.886	1.1	20.9
5 31	15 41.28	−22 46.9	1.902	2.902	4.1	21.2
6 10	15 33.19	−22 8.7	1.956	2.917	7.9	21.4
6 20	15 26.97	−21 34.1	2.035	2.932	11.2	21.7
23900 Urakawa			5 20.7	310°.85	1°.1/21.3	18 R
4 11	16 16.79	−24 31.1	1.934	2.732	15.1	18.2
4 21	16 13.31	−24 23.4	1.844	2.729	12.2	17.9
5 1	16 7.33	−24 6.4	1.774	2.726	8.6	17.7
5 11	15 59.47	−23 40.3	1.728	2.723	4.6	17.5
5 21	15 50.58	−23 6.3	1.709	2.720	1.1	17.2
5 31	15 41.73	−22 27.4	1.717	2.718	4.3	17.4
6 10	15 33.97	−21 47.9	1.751	2.715	8.4	17.7
6 20	15 28.08	−21 12.0	1.810	2.712	12.1	17.9
136660 1995 OA_{12}			5 20.7	315°.90	1°.8/20.1	17
4 11	16 15.22	−17 42.4	1.332	2.168	18.7	19.9
4 21	16 13.26	−17 27.3	1.241	2.151	15.0	19.6
5 1	16 8.04	−17 6.3	1.169	2.134	10.5	19.3
5 11	16 0.13	−16 41.2	1.118	2.117	5.5	18.9
5 21	15 50.56	−16 15.0	1.090	2.101	1.9	18.6
5 31	15 40.77	−15 51.8	1.086	2.085	6.6	18.9
6 10	15 32.30	−15 36.5	1.105	2.070	11.9	19.1
6 20	15 26.32	−15 32.5	1.144	2.056	16.8	19.4
523701 2014 HT_{199}			5 20.7	355°.29	0°.1/19.9	18
4 11	15 54.81	−16 24.0	29.094	29.880	1.2	22.2
4 21	15 53.95	−16 21.6	28.996	29.879	0.9	22.1
5 1	15 52.97	−16 19.1	28.925	29.878	0.6	22.1
5 11	15 51.90	−16 16.4	28.881	29.877	0.3	22.1
5 21	15 50.79	−16 13.9	28.867	29.876	0.1	22.0
5 31	15 49.69	−16 11.6	28.881	29.875	0.4	22.1
6 10	15 48.63	−16 9.6	28.925	29.874	0.7	22.1
6 20	15 47.65	−16 8.1	28.996	29.874	1.0	22.1
105663 2000 SZ_{36}			5 20.7	127°.20	1°.4/21.6	18
4 11	16 17.70	−25 6.8	2.576	3.353	12.4	20.0
4 21	16 13.25	−25 13.8	2.489	3.362	9.9	19.9
5 1	16 6.88	−25 14.1	2.426	3.371	7.0	19.7
5 11	15 59.10	−25 7.4	2.388	3.379	3.9	19.5
5 21	15 50.60	−24 53.9	2.378	3.388	1.4	19.3
5 31	15 42.18	−24 35.5	2.397	3.396	3.5	19.5
6 10	15 34.63	−24 14.5	2.444	3.404	6.6	19.7
6 20	15 28.53	−23 53.8	2.517	3.411	9.5	19.9
36027 1999 NZ_{55}			5 20.8	31°.98	1°.1/21.5	18
4 11	16 16.14	−27 17.1	1.578	2.386	17.6	17.2
4 21	16 13.19	−26 33.8	1.502	2.393	14.1	17.0
5 1	16 7.38	−25 34.5	1.446	2.400	10.0	16.7
5 11	15 59.48	−24 20.6	1.413	2.408	5.3	16.5
5 21	15 50.59	−22 56.0	1.405	2.417	1.2	16.2
5 31	15 41.97	−21 27.0	1.424	2.426	4.9	16.5
6 10	15 34.80	−20 1.7	1.469	2.435	9.4	16.8
6 20	15 29.86	−18 46.5	1.536	2.445	13.5	17.1
7264 Hirohatanaka			5 20.8	357°.50	1°.4/20.3	18
4 11	16 12.27	−18 53.7	1.080	1.935	20.8	17.2
4 21	16 11.36	−18 39.7	1.010	1.930	16.6	16.9
5 1	16 6.87	−18 17.8	0.957	1.927	11.6	16.6
5 11	15 59.53	−17 50.2	0.924	1.925	5.9	16.3
5 21	15 50.58	−17 20.6	0.913	1.925	1.5	16.0
5 31	15 41.70	−16 54.0	0.924	1.925	6.8	16.4
6 10	15 34.52	−16 35.7	0.956	1.928	12.4	16.7
6 20	15 30.16	−16 29.7	1.007	1.931	17.4	17.0
410458 2008 CL_{144}			5 20.8	96°.28	4°.1/22.7	18
4 11	16 27.69	−30 49.2	1.844	2.609	17.0	21.7
4 21	16 21.89	−31 20.0	1.779	2.638	13.8	21.5
5 1	16 13.16	−31 38.2	1.735	2.666	10.3	21.4
5 11	16 2.32	−31 41.1	1.715	2.694	6.6	21.2
5 21	15 50.52	−31 27.9	1.721	2.721	4.2	21.1
5 31	15 39.09	−31 0.5	1.755	2.747	5.5	21.3
6 10	15 29.25	−30 24.0	1.815	2.772	8.7	21.5
6 20	15 21.79	−29 44.1	1.901	2.797	11.9	21.7
480352 2015 KA_{15}			5 20.8	264°.44	4°.8/17.8	16
4 11	16 14.45	− 8 19.5	2.223	3.030	13.1	21.6
4 21	16 10.90	− 7 28.7	2.134	3.023	10.6	21.4
5 1	16 5.38	− 6 38.5	2.067	3.016	7.8	21.2
5 11	15 58.39	− 5 52.8	2.026	3.009	5.5	21.1
5 21	15 50.62	− 5 15.4	2.012	3.002	5.0	21.0
5 31	15 42.87	− 4 49.7	2.025	2.994	6.9	21.1
6 10	15 35.94	− 4 38.0	2.064	2.987	9.7	21.3
6 20	15 30.46	− 4 40.9	2.125	2.980	12.5	21.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
260510 2005 EG_{61}			5 20.8	154°.51	3°.9/18.6	16
	h m	° ′			°	m
4 11	16 20.21	−13 16.0	1.897	2.702	15.1	21.2
4 21	16 15.67	−12 16.7	1.819	2.710	12.0	21.0
5 1	16 8.74	−11 14.0	1.763	2.717	8.5	20.8
5 11	16 0.09	−10 12.0	1.732	2.724	5.1	20.6
5 21	15 50.58	− 9 15.3	1.729	2.730	4.0	20.5
5 31	15 41.25	− 8 28.4	1.753	2.735	6.7	20.7
6 10	15 33.07	− 7 55.1	1.804	2.739	10.2	20.9
6 20	15 26.74	− 7 37.0	1.877	2.743	13.4	21.1
213040 1998 HY_{1}			5 20.8	337°.38	0°.4/20.9	17
4 11	16 9.49	−23 16.0	1.112	1.964	20.6	19.9
4 21	16 9.35	−23 0.7	1.028	1.946	16.6	19.6
5 1	16 5.66	−22 31.0	0.961	1.929	11.8	19.3
5 11	15 59.03	−21 47.6	0.914	1.914	6.1	18.9
5 21	15 50.61	−20 53.4	0.888	1.901	0.4	18.4
5 31	15 42.03	−19 54.6	0.885	1.888	6.4	18.8
6 10	15 35.03	−18 59.4	0.902	1.878	12.3	19.1
6 20	15 30.84	−18 15.2	0.938	1.869	17.7	19.3
115873 2003 UT_{280}			5 20.8	64°.03	0°.1/20.8	18
4 11	16 21.71	−19 21.5	1.503	2.317	18.0	19.7
4 21	16 17.82	−19 42.9	1.426	2.322	14.4	19.5
5 1	16 10.80	−20 0.5	1.369	2.327	10.0	19.3
5 11	16 1.35	−20 14.0	1.335	2.333	5.1	19.0
5 21	15 50.56	−20 23.3	1.326	2.338	0.2	18.6
5 31	15 39.83	−20 29.9	1.343	2.344	5.3	19.0
6 10	15 30.55	−20 36.3	1.385	2.349	10.1	19.3
6 20	15 23.70	−20 45.4	1.450	2.355	14.4	19.6
508009 2015 BX_{303}			5 20.8	328°.65	3°.6/19.3	17
4 11	16 14.82	−12 44.9	1.643	2.469	16.2	20.8
4 21	16 12.08	−12 21.2	1.555	2.458	13.0	20.6
5 1	16 6.70	−11 56.5	1.487	2.447	9.2	20.3
5 11	15 59.25	−11 33.8	1.442	2.437	5.3	20.1
5 21	15 50.61	−11 16.6	1.422	2.427	3.7	19.9
5 31	15 41.92	−11 8.3	1.428	2.418	6.7	20.1
6 10	15 34.32	−11 11.3	1.458	2.410	10.8	20.3
6 20	15 28.69	−11 27.0	1.510	2.402	14.7	20.5
170881 2004 PG_{101}			5 20.8	313°.30	7°.2/23.2	18
4 11	16 17.58	−33 8.1	1.252	2.061	21.2	19.6
4 21	16 16.11	−34 0.8	1.161	2.044	18.0	19.3
5 1	16 10.66	−34 38.4	1.087	2.026	14.1	19.0
5 11	16 1.74	−34 54.7	1.032	2.010	10.0	18.7
5 21	15 50.54	−34 44.8	0.998	1.994	7.3	18.5
5 31	15 38.96	−34 8.2	0.986	1.978	8.6	18.5
6 10	15 29.06	−33 11.3	0.996	1.963	12.7	18.7
6 20	15 22.38	−32 4.0	1.026	1.949	17.3	18.9
501315 2013 WD_{103}			5 20.8	203°.14	0°.3/20.6	17
4 11	16 20.29	−19 46.2	2.415	3.200	12.9	22.8
4 21	16 15.47	−19 41.8	2.315	3.195	10.2	22.6
5 1	16 8.55	−19 32.9	2.238	3.189	7.1	22.4
5 11	16 0.02	−19 20.1	2.186	3.183	3.6	22.2
5 21	15 50.61	−19 4.2	2.164	3.176	0.4	21.9
5 31	15 41.17	−18 47.3	2.170	3.168	3.9	22.1
6 10	15 32.56	−18 31.8	2.205	3.160	7.5	22.4
6 20	15 25.49	−18 20.2	2.265	3.150	10.7	22.5
429137 2009 TA_{9}			5 20.8	132°.08	1°.9/21.7	17
4 11	16 23.91	−25 14.9	2.356	3.125	13.6	21.8
4 21	16 18.33	−25 41.0	2.274	3.141	10.9	21.7
5 1	16 10.48	−26 0.6	2.215	3.156	7.8	21.5
5 11	16 0.97	−26 12.2	2.181	3.171	4.4	21.3
5 21	15 50.60	−26 15.5	2.176	3.184	1.9	21.1
5 31	15 40.33	−26 11.3	2.201	3.198	4.0	21.3
6 10	15 31.10	−26 2.2	2.253	3.210	7.2	21.5
6 20	15 23.61	−25 51.2	2.332	3.222	10.3	21.7
151346 2002 CK_{259}			5 20.8	164°.58	5°.8/15.9	18
4 11	16 15.17	+ 4 13.5	3.558	4.318	9.6	21.2
4 21	16 10.51	+ 4 54.9	3.484	4.325	8.1	21.1
5 1	16 4.61	+ 5 29.6	3.433	4.331	6.8	21.0
5 11	15 57.86	+ 5 54.9	3.408	4.337	5.9	20.9
5 21	15 50.68	+ 6 8.5	3.411	4.342	5.9	20.9
5 31	15 43.58	+ 6 9.0	3.442	4.346	6.8	21.0
6 10	15 37.03	+ 5 56.1	3.499	4.350	8.1	21.1
6 20	15 31.42	+ 5 30.5	3.579	4.353	9.6	21.2
245219 2004 XU_{20}			5 20.8	121°.72	2°.8/22.1	17
4 11	16 21.06	−28 44.6	1.553	2.350	18.3	20.2
4 21	16 17.36	−28 39.6	1.473	2.355	14.9	19.9
5 1	16 10.48	−28 19.9	1.412	2.359	10.8	19.7
5 11	16 1.17	−27 44.3	1.373	2.364	6.3	19.4
5 21	15 50.60	−26 53.7	1.360	2.368	2.9	19.2
5 31	15 40.21	−25 52.3	1.372	2.372	5.3	19.4
6 10	15 31.37	−24 47.0	1.409	2.376	9.8	19.7
6 20	15 25.03	−23 45.0	1.470	2.380	13.9	19.9

471484 2011 UW_{403} 5 20.8 208°.76 0°.2/20.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 15.84	−20 50.7	2.540	3.330	12.2	22.0
4 21	16 11.84	−20 38.7	2.444	3.327	9.7	21.8
5 1	16 5.96	−20 21.5	2.371	3.324	6.7	21.6
5 11	15 58.69	−19 59.7	2.324	3.321	3.4	21.4
5 21	15 50.67	−19 34.8	2.305	3.317	0.2	21.1
5 31	15 42.68	−19 8.8	2.315	3.314	3.6	21.4
6 10	15 35.46	−18 44.5	2.353	3.310	7.0	21.6
6 20	15 29.64	−18 24.4	2.416	3.306	10.0	21.8

216349 2007 YJ_{35} 5 20.8 211°.20 1°.1/21.2 17

4 11	16 20.37	−23 39.4	1.655	2.459	17.1	21.6
4 21	16 16.62	−23 40.6	1.568	2.457	13.7	21.3
5 1	16 9.91	−23 32.9	1.501	2.455	9.7	21.1
5 11	16 0.90	−23 15.8	1.458	2.453	5.2	20.8
5 21	15 50.62	−22 50.2	1.440	2.451	1.1	20.5
5 31	15 40.35	−22 19.0	1.448	2.449	5.0	20.8
6 10	15 31.39	−21 46.7	1.482	2.446	9.6	21.0
6 20	15 24.69	−21 18.1	1.538	2.443	13.7	21.3

69019 2002 VA_{35} 5 20.8 230°.48 0°.2/20.9 18

4 11	16 19.59	−23 4.5	2.002	2.795	14.9	19.2
4 21	16 15.48	−22 42.9	1.902	2.786	11.9	18.9
5 1	16 8.85	−22 12.2	1.822	2.775	8.4	18.7
5 11	16 0.29	−21 32.7	1.768	2.764	4.3	18.4
5 21	15 50.64	−20 46.4	1.740	2.753	0.2	18.1
5 31	15 40.96	−19 56.8	1.741	2.740	4.5	18.4
6 10	15 32.31	−19 8.5	1.769	2.728	8.7	18.6
6 20	15 25.52	−18 26.0	1.820	2.715	12.4	18.8

336214 2008 SR_{49} 5 20.8 293°.15 2°.3/21.8 17

4 11	16 18.28	−26 15.1	1.811	2.607	16.1	21.9
4 21	16 14.86	−26 28.8	1.716	2.598	13.1	21.7
5 1	16 8.67	−26 33.1	1.641	2.590	9.4	21.5
5 11	16 0.29	−26 26.8	1.590	2.582	5.4	21.2
5 21	15 50.64	−26 9.6	1.565	2.574	2.4	21.0
5 31	15 40.92	−25 43.4	1.566	2.566	4.8	21.1
6 10	15 32.34	−25 12.3	1.593	2.558	9.0	21.4
6 20	15 25.84	−24 41.2	1.643	2.550	12.9	21.6

325030 2008 CQ_{49} 5 20.8 161°.54 0°.7/20.5 17

4 11	16 21.51	−19 29.7	1.928	2.725	15.2	21.5
4 21	16 16.87	−19 18.9	1.843	2.730	12.1	21.3
5 1	16 9.72	−19 2.6	1.780	2.735	8.4	21.1
5 11	16 0.67	−18 41.7	1.742	2.739	4.2	20.9
5 21	15 50.64	−18 17.9	1.731	2.743	0.7	20.6
5 31	15 40.70	−17 54.1	1.748	2.746	4.7	20.9
6 10	15 31.91	−17 33.4	1.792	2.749	8.8	21.2
6 20	15 25.04	−17 19.0	1.860	2.750	12.4	21.4

497507 2006 BZ_{48} 5 20.8 146°.38 0°.3/20.9 17

4 11	16 18.96	−21 39.6	1.944	2.743	15.1	22.2
4 21	16 14.92	−21 37.1	1.858	2.745	12.0	22.0
5 1	16 8.40	−21 28.1	1.794	2.748	8.4	21.7
5 11	16 0.03	−21 12.9	1.754	2.750	4.3	21.5
5 21	15 50.66	−20 52.6	1.741	2.753	0.3	21.2
5 31	15 41.36	−20 29.8	1.755	2.755	4.4	21.5
6 10	15 33.15	−20 7.8	1.796	2.757	8.4	21.8
6 20	15 26.83	−19 50.0	1.861	2.759	12.1	22.0

469009 2015 AO_{222} 5 20.8 72°.52 5°.3/24.0 17

4 11	16 20.36	−36 6.5	1.771	2.537	17.5	20.3
4 21	16 16.64	−36 6.5	1.686	2.540	14.7	20.1
5 1	16 9.88	−35 47.6	1.620	2.544	11.4	19.9
5 11	16 0.84	−35 7.4	1.576	2.547	7.9	19.7
5 21	15 50.64	−34 5.6	1.557	2.551	5.5	19.5
5 31	15 40.66	−32 45.8	1.564	2.554	6.2	19.6
6 10	15 32.19	−31 15.3	1.596	2.558	9.3	19.8
6 20	15 26.10	−29 42.8	1.653	2.561	12.7	20.0

362017 2008 WQ_{140} 5 20.8 158°.68 3°.2/21.9 17

4 11	16 24.59	−27 19.2	1.608	2.399	18.0	21.7
4 21	16 20.17	−27 46.2	1.526	2.404	14.7	21.4
5 1	16 12.49	−28 2.8	1.463	2.408	10.7	21.2
5 11	16 2.26	−28 6.5	1.423	2.411	6.4	21.0
5 21	15 50.61	−27 56.1	1.408	2.414	3.2	20.8
5 31	15 39.00	−27 33.2	1.419	2.417	5.6	20.9
6 10	15 28.90	−27 2.6	1.456	2.419	9.8	21.2
6 20	15 21.33	−26 30.2	1.516	2.421	13.9	21.4

438994 2010 TW_{19} 5 20.8 308°.03 1°.7/21.7 17

4 11	16 15.38	−25 48.7	2.189	2.979	13.9	21.3
4 21	16 12.03	−25 52.4	2.087	2.967	11.2	21.1
5 1	16 6.41	−25 47.7	2.008	2.956	8.0	20.8
5 11	15 59.05	−25 34.1	1.952	2.944	4.5	20.6
5 21	15 50.69	−25 12.1	1.924	2.933	1.7	20.4
5 31	15 42.27	−24 43.5	1.923	2.922	4.1	20.5
6 10	15 34.75	−24 11.9	1.948	2.912	7.7	20.7
6 20	15 28.88	−23 41.0	1.998	2.901	11.1	20.9

172430 2003 QL_{8} 5 20.8 241°.57 3°.6/22.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 21.69	−29 59.8	1.737	2.521	17.2	20.5
4 21	16 17.86	−30 9.2	1.638	2.510	14.2	20.3
5 1	16 10.92	−30 5.2	1.559	2.499	10.5	20.0
5 11	16 1.50	−29 45.5	1.503	2.488	6.6	19.8
5 21	15 50.63	−29 9.3	1.472	2.477	3.7	19.6
5 31	15 39.66	−28 19.0	1.467	2.465	5.5	19.6
6 10	15 30.00	−27 20.3	1.489	2.452	9.6	19.8
6 20	15 22.68	−26 20.1	1.533	2.439	13.7	20.1

258804 2002 LT_{55} 5 20.8 303°.71 4°.7/17.6 18

4 11	16 17.34	−23 56.6	0.995	1.842	22.8	19.7
4 21	16 15.72	−21 19.1	0.916	1.834	18.2	19.4
5 1	16 10.03	−18 5.8	0.856	1.826	12.6	19.0
5 11	16 1.17	−14 25.6	0.818	1.818	6.8	18.7
5 21	15 50.64	−10 36.3	0.805	1.811	5.3	18.6
5 31	15 40.34	− 7 1.7	0.816	1.804	10.8	18.8
6 10	15 32.08	− 4 2.5	0.849	1.797	16.9	19.1
6 20	15 26.98	− 1 49.4	0.900	1.790	22.3	19.4

381503 2008 SC_{125} 5 20.8 131°.78 4°.3/22.8 17

4 11	16 22.84	−31 32.4	2.218	2.977	14.6	21.2
4 21	16 17.94	−32 13.9	2.133	2.986	12.1	21.0
5 1	16 10.49	−32 45.3	2.069	2.995	9.2	20.9
5 11	16 1.10	−33 4.1	2.029	3.003	6.2	20.7
5 21	15 50.65	−33 8.4	2.016	3.010	4.3	20.6
5 31	15 40.23	−32 58.9	2.030	3.018	5.3	20.7
6 10	15 30.93	−32 38.7	2.072	3.025	8.0	20.8
6 20	15 23.55	−32 12.1	2.139	3.032	10.9	21.0

63236 2001 BX_{20} 5 20.8 19°.93 1°.3/20.3 17

4 11	16 16.60	−18 15.3	1.237	2.076	19.7	19.0
4 21	16 14.26	−18 8.8	1.170	2.081	15.7	18.8
5 1	16 8.57	−17 56.7	1.121	2.086	10.9	18.5
5 11	16 0.30	−17 40.9	1.093	2.092	5.5	18.2
5 21	15 50.67	−17 23.8	1.088	2.099	1.3	18.0
5 31	15 41.20	−17 9.0	1.107	2.107	6.2	18.3
6 10	15 33.37	−17 0.6	1.149	2.116	11.4	18.6
6 20	15 28.16	−17 1.5	1.211	2.125	15.9	18.9

336145 2008 QA_{27} 5 20.8 252°.58 0°.4/20.9 17

4 11	16 19.51	−21 54.6	2.119	2.911	14.2	21.7
4 21	16 15.38	−21 55.9	2.012	2.895	11.4	21.4
5 1	16 8.81	−21 51.2	1.926	2.878	8.0	21.2
5 11	16 0.31	−21 40.4	1.866	2.862	4.2	20.9
5 21	15 50.67	−21 24.0	1.832	2.844	0.4	20.6
5 31	15 40.87	−21 4.0	1.827	2.827	4.3	20.8
6 10	15 31.96	−20 43.5	1.849	2.809	8.3	21.1
6 20	15 24.79	−20 25.9	1.895	2.790	12.0	21.2

292264 2006 SK_{101} 5 20.8 293°.93 5°.8/23.9 18

4 11	16 19.72	−36 36.5	2.183	2.932	15.1	20.6
4 21	16 15.76	−37 12.6	2.090	2.929	12.8	20.4
5 1	16 9.15	−37 35.3	2.017	2.927	10.2	20.2
5 11	16 0.48	−37 41.3	1.966	2.925	7.6	20.0
5 21	15 50.66	−37 28.8	1.941	2.923	5.9	19.9
5 31	15 40.83	−36 58.4	1.943	2.921	6.4	20.0
6 10	15 32.13	−36 14.1	1.970	2.919	8.6	20.1
6 20	15 25.44	−35 21.4	2.022	2.917	11.4	20.3

308590 2005 UN_{522} 5 20.8 323°.82 6°.8/15.6 17

4 11	16 12.80	− 4 11.1	2.189	2.997	13.3	20.7
4 21	16 9.59	− 2 41.4	2.110	2.994	10.9	20.5
5 1	16 4.46	− 1 13.6	2.054	2.990	8.6	20.3
5 11	15 57.96	+ 0 6.5	2.023	2.987	7.0	20.2
5 21	15 50.73	+ 1 13.5	2.019	2.984	7.1	20.2
5 31	15 43.57	+ 2 2.7	2.040	2.981	8.8	20.3
6 10	15 37.25	+ 2 31.8	2.086	2.978	11.2	20.5
6 20	15 32.34	+ 2 40.6	2.154	2.975	13.6	20.6

474765 2005 QT_{83} 5 20.8 274°.42 9°.2/11.9 17

4 11	16 14.05	+ 6 5.6	2.518	3.293	12.6	21.6
4 21	16 10.46	+ 7 46.9	2.424	3.269	11.1	21.5
5 1	16 5.07	+ 9 22.0	2.354	3.244	9.8	21.4
5 11	15 58.30	+10 44.5	2.309	3.219	9.2	21.3
5 21	15 50.72	+11 48.9	2.289	3.193	9.7	21.3
5 31	15 43.06	+12 30.7	2.294	3.167	11.0	21.3
6 10	15 36.04	+12 48.0	2.321	3.141	12.7	21.4
6 20	15 30.28	+12 41.6	2.368	3.114	14.6	21.5

128689 2004 RE_{83} 5 20.8 7°.13 1°.4/21.3 17

4 11	16 16.27	−23 22.4	1.443	2.265	18.3	19.5
4 21	16 13.75	−23 34.8	1.366	2.265	14.7	19.3
5 1	16 8.11	−23 38.6	1.308	2.267	10.4	19.0
5 11	16 0.06	−23 33.2	1.272	2.269	5.5	18.8
5 21	15 50.68	−23 19.2	1.260	2.271	1.4	18.5
5 31	15 41.36	−22 59.1	1.273	2.275	5.2	18.7
6 10	15 33.48	−22 37.5	1.310	2.279	10.0	19.0
6 20	15 28.00	−22 19.0	1.368	2.284	14.3	19.3

245595 2005 VW_{27} 5 20.8 315°.31 0°.6/21.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 14.43	−23 3.3	2.059	2.861	14.2	20.3
4 21	16 11.38	−22 54.5	1.959	2.847	11.4	20.0
5 1	16 6.02	−22 37.8	1.879	2.834	8.0	19.8
5 11	15 58.88	−22 13.6	1.824	2.821	4.2	19.5
5 21	15 50.71	−21 43.4	1.796	2.808	0.6	19.2
5 31	15 42.48	−21 9.6	1.795	2.795	4.2	19.5
6 10	15 35.17	−20 36.1	1.820	2.783	8.2	19.7
6 20	15 29.55	−20 6.5	1.869	2.771	11.8	19.9

266270 2007 AZ_{15} 5 20.8 213°.28 0°.1/20.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 20.21	−21 34.4	2.122	2.912	14.2	22.0
4 21	16 15.78	−21 18.6	2.023	2.905	11.4	21.7
5 1	16 8.97	−20 55.7	1.946	2.898	7.9	21.5
5 11	16 0.33	−20 26.1	1.894	2.890	4.0	21.3
5 21	15 50.69	−19 51.7	1.869	2.881	0.1	20.9
5 31	15 41.02	−19 15.1	1.873	2.872	4.3	21.2
6 10	15 32.34	−18 40.2	1.904	2.862	8.3	21.5
6 20	15 25.40	−18 10.6	1.961	2.851	11.9	21.7

504593 2008 UB_{65} 5 20.8 191°.56 1°.0/21.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 18.67	−25 22.6	2.479	3.256	12.8	22.8
4 21	16 14.17	−25 6.6	2.382	3.255	10.3	22.6
5 1	16 7.62	−24 41.9	2.307	3.253	7.3	22.4
5 11	15 59.56	−24 8.8	2.257	3.250	3.9	22.2
5 21	15 50.71	−23 28.5	2.236	3.247	1.0	22.0
5 31	15 41.91	−22 43.6	2.244	3.243	3.6	22.2
6 10	15 34.00	−21 57.7	2.280	3.239	7.0	22.4
6 20	15 27.62	−21 14.7	2.342	3.235	10.1	22.6

410338 2007 US_{73} 5 20.8 139°.79 0°.6/21.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 22.18	−22 38.6	1.724	2.523	16.7	22.0
4 21	16 17.77	−22 35.2	1.644	2.531	13.3	21.8
5 1	16 10.52	−22 23.6	1.585	2.538	9.3	21.5
5 11	16 1.15	−22 3.9	1.549	2.545	4.8	21.3
5 21	15 50.67	−21 37.4	1.540	2.552	0.6	21.0
5 31	15 40.34	−21 7.1	1.558	2.558	4.8	21.3
6 10	15 31.34	−20 37.4	1.602	2.564	9.2	21.6
6 20	15 24.54	−20 12.3	1.669	2.569	13.1	21.8

173904 2001 UX_{183} 5 20.8 164°.18 1°.5/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 18.00	−15 0.8	2.696	3.484	11.6	21.0
4 21	16 13.33	−14 59.4	2.606	3.488	9.2	20.8
5 1	16 6.88	−14 57.1	2.539	3.492	6.3	20.6
5 11	15 59.15	−14 54.7	2.500	3.495	3.3	20.4
5 21	15 50.73	−14 53.3	2.489	3.498	1.5	20.3
5 31	15 42.35	−14 54.4	2.507	3.501	3.9	20.5
6 10	15 34.71	−14 59.3	2.554	3.503	6.9	20.7
6 20	15 28.38	−15 9.0	2.627	3.505	9.7	20.9

388794 2008 AL_{114} 5 20.8 327°.42 4°.9/17.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 13.47	− 8 34.7	2.116	2.928	13.6	20.9
4 21	16 10.26	− 7 44.7	2.030	2.922	10.9	20.7
5 1	16 5.02	− 6 55.2	1.967	2.917	8.0	20.6
5 11	15 58.29	− 6 10.5	1.929	2.913	5.6	20.4
5 21	15 50.76	− 5 34.3	1.917	2.908	5.0	20.4
5 31	15 43.26	− 5 10.2	1.932	2.904	7.0	20.5
6 10	15 36.62	− 5 0.5	1.972	2.899	9.9	20.6
6 20	15 31.48	− 5 5.6	2.035	2.895	12.8	20.8

410200 2007 RP_{175} 5 20.8 219°.88 1°.7/20.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 21.51	−17 10.8	1.810	2.613	15.8	22.2
4 21	16 17.21	−16 53.8	1.715	2.606	12.6	22.0
5 1	16 10.19	−16 32.3	1.641	2.597	8.8	21.7
5 11	16 1.05	−16 8.0	1.592	2.589	4.6	21.5
5 21	15 50.69	−15 42.9	1.569	2.579	1.8	21.3
5 31	15 40.26	−15 20.3	1.573	2.569	5.5	21.5
6 10	15 30.94	−15 3.6	1.604	2.558	9.8	21.7
6 20	15 23.64	−14 55.6	1.658	2.547	13.8	21.9

148681 2001 SA_{224} 5 20.8 298°.38 1°.1/20.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 15.87	−18 17.2	2.112	2.916	13.8	20.0
4 21	16 12.28	−18 2.0	2.021	2.912	11.0	19.8
5 1	16 6.50	−17 42.3	1.952	2.908	7.6	19.6
5 11	15 59.07	−17 19.6	1.907	2.905	3.9	19.4
5 21	15 50.75	−16 55.6	1.890	2.901	1.1	19.2
5 31	15 42.44	−16 33.1	1.900	2.897	4.5	19.4
6 10	15 35.05	−16 15.0	1.937	2.893	8.2	19.6
6 20	15 29.28	−16 3.6	1.998	2.890	11.6	19.8

62130 2000 SS_{1} 5 20.8 286°.65 1°.6/19.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 17.74	−18 32.6	1.856	2.664	15.3	19.9
4 21	16 14.42	−18 2.0	1.740	2.634	12.3	19.6
5 1	16 8.44	−17 23.9	1.645	2.603	8.7	19.3
5 11	16 0.28	−16 39.9	1.574	2.572	4.5	19.0
5 21	15 50.72	−15 52.7	1.530	2.540	1.7	18.8
5 31	15 40.85	−15 6.4	1.512	2.508	5.6	18.9
6 10	15 31.88	−14 26.1	1.520	2.476	10.2	19.1
6 20	15 24.76	−13 55.8	1.552	2.443	14.4	19.3

118432 1999 TL_{214} 5 20.8 224°.62 0°.2/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 15.70	−21 35.8	2.604	3.392	12.0	20.3
4 21	16 11.74	−21 29.5	2.506	3.387	9.5	20.1
5 1	16 5.92	−21 17.9	2.431	3.383	6.6	19.9
5 11	15 58.72	−21 1.5	2.382	3.378	3.4	19.7
5 21	15 50.77	−20 41.4	2.361	3.373	0.2	19.4
5 31	15 42.82	−20 19.4	2.369	3.368	3.5	19.6
6 10	15 35.62	−19 58.0	2.405	3.363	6.8	19.8
6 20	15 29.77	−19 39.7	2.466	3.358	9.7	20.0

356588 2011 SZ_{258} 5 20.8 94°.37 4°.6/18.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 15.62	− 6 49.4	2.321	3.122	12.8	21.6
4 21	16 11.68	− 6 20.5	2.241	3.125	10.4	21.4
5 1	16 5.86	− 5 54.5	2.183	3.128	7.7	21.2
5 11	15 58.67	− 5 34.8	2.150	3.131	5.3	21.1
5 21	15 50.77	− 5 23.9	2.144	3.134	4.7	21.0
5 31	15 42.95	− 5 23.9	2.166	3.136	6.5	21.2
6 10	15 35.95	− 5 36.1	2.214	3.139	9.1	21.3
6 20	15 30.36	− 6 0.0	2.285	3.142	11.7	21.5

125889 2001 XM_{209} 5 20.8 155°.21 4°.7/18.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 20.18	− 7 16.8	2.168	2.963	13.8	21.0
4 21	16 15.37	− 6 50.4	2.089	2.970	11.1	20.9
5 1	16 8.45	− 6 27.1	2.031	2.976	8.2	20.7
5 11	15 59.99	− 6 9.9	2.000	2.982	5.5	20.5
5 21	15 50.74	− 6 1.7	1.996	2.987	4.8	20.5
5 31	15 41.60	− 6 4.5	2.019	2.992	6.7	20.6
6 10	15 33.41	− 6 19.4	2.069	2.996	9.5	20.8
6 20	15 26.83	− 6 46.0	2.143	3.000	12.4	21.0

417576 2006 UK_{272} 5 20.8 146°.39 0°.2/20.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 21.82	−21 51.1	2.151	2.937	14.2	22.5
4 21	16 16.82	−21 42.7	2.068	2.948	11.3	22.3
5 1	16 9.53	−21 27.7	2.007	2.958	7.8	22.1
5 11	16 0.55	−21 6.5	1.972	2.968	4.0	21.9
5 21	15 50.73	−20 40.5	1.965	2.977	0.2	21.6
5 31	15 41.05	−20 12.2	1.986	2.985	4.1	21.9
6 10	15 32.45	−19 44.9	2.035	2.993	7.8	22.2
6 20	15 25.63	−19 21.9	2.109	3.000	11.2	22.4

480712 2015 RY_{107} 5 20.8 187°.83 2°.6/18.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 10.17	− 8 38.4	4.347	5.132	7.6	22.9
4 21	16 6.51	− 8 6.6	4.254	5.131	6.0	22.8
5 1	16 1.86	− 7 35.5	4.186	5.129	4.4	22.6
5 11	15 56.52	− 7 6.8	4.146	5.127	3.0	22.5
5 21	15 50.83	− 6 41.9	4.135	5.125	2.6	22.5
5 31	15 45.16	− 6 22.4	4.154	5.122	3.7	22.6
6 10	15 39.89	− 6 9.2	4.202	5.119	5.4	22.7
6 20	15 35.33	− 6 3.1	4.275	5.116	7.0	22.8

109217 2001 QX_{85} 5 20.8 179°.19 1°.3/21.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 21.60	−25 1.0	2.432	3.204	13.1	21.2
4 21	16 16.54	−25 3.3	2.336	3.206	10.6	21.0
5 1	16 9.31	−24 58.1	2.264	3.208	7.5	20.8
5 11	16 0.46	−24 45.0	2.217	3.208	4.1	20.6
5 21	15 50.74	−24 24.5	2.198	3.208	1.3	20.4
5 31	15 41.06	−23 58.3	2.209	3.207	3.8	20.6
6 10	15 32.30	−23 29.6	2.248	3.206	7.2	20.8
6 20	15 25.16	−23 1.7	2.312	3.203	10.3	21.0

80064 1999 JX_{88} 5 20.8 38°.02 3°.5/19.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 18.75	−10 6.8	1.821	2.631	15.5	19.0
4 21	16 14.67	−10 11.3	1.750	2.643	12.3	18.8
5 1	16 8.18	−10 19.1	1.700	2.654	8.7	18.6
5 11	15 59.92	−10 32.2	1.674	2.666	5.1	18.4
5 21	15 50.76	−10 51.8	1.675	2.679	3.5	18.3
5 31	15 41.75	−11 19.1	1.703	2.692	6.0	18.5
6 10	15 33.86	−11 54.3	1.757	2.705	9.5	18.7
6 20	15 27.85	−12 36.9	1.834	2.719	12.8	18.9

504707 2009 SH_{35} 5 20.8 226°.87 6°.5/23.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 24.73	−35 16.6	1.976	2.728	16.4	21.5
4 21	16 20.23	−36 18.4	1.880	2.722	13.9	21.3
5 1	16 12.61	−37 8.9	1.803	2.716	11.1	21.1
5 11	16 2.44	−37 43.0	1.750	2.710	8.3	21.0
5 21	15 50.70	−37 57.1	1.721	2.703	6.6	20.8
5 31	15 38.75	−37 50.1	1.719	2.696	7.3	20.9
6 10	15 28.02	−37 25.4	1.743	2.689	9.8	21.0
6 20	15 19.61	−36 48.8	1.791	2.681	12.8	21.2

43455 2000 YG_{103} 5 20.8 182°.56 1°.1/20.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 20.02	−20 18.0	1.780	2.584	16.0	19.3
4 21	16 15.96	−19 41.8	1.694	2.585	12.7	19.1
5 1	16 9.24	−18 57.0	1.628	2.585	8.8	18.8
5 11	16 0.52	−18 5.6	1.587	2.585	4.5	18.6
5 21	15 50.75	−17 10.9	1.573	2.584	1.2	18.3
5 31	15 41.09	−16 17.4	1.586	2.583	5.2	18.6
6 10	15 32.64	−15 30.2	1.625	2.582	9.5	18.8
6 20	15 26.22	−14 53.3	1.688	2.580	13.4	19.1

394778 2008 GZ_{105} 5 20.8 128.°50 1.°5/21.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 18.04	−24 32.2	2.529	3.308	12.5	22.1
4 21	16 13.67	−24 51.5	2.439	3.312	10.0	21.9
5 1	16 7.30	−25 5.1	2.371	3.316	7.1	21.7
5 11	15 59.44	−25 12.2	2.329	3.321	4.0	21.5
5 21	15 50.78	−25 12.7	2.315	3.325	1.5	21.3
5 31	15 42.14	−25 7.7	2.330	3.329	3.6	21.5
6 10	15 34.33	−24 59.3	2.373	3.333	6.8	21.7
6 20	15 27.99	−24 50.1	2.441	3.336	9.7	21.9

473186 2015 KR_{70} 5 20.8 245.°52 4.°8/18.4 17

4 11	16 16.54	− 7 10.4	2.167	2.970	13.6	21.0
4 21	16 12.63	− 6 39.3	2.080	2.966	11.0	20.8
5 1	16 6.65	− 6 11.0	2.015	2.961	8.1	20.6
5 11	15 59.14	− 5 48.7	1.975	2.957	5.6	20.5
5 21	15 50.79	− 5 35.7	1.962	2.953	5.0	20.4
5 31	15 42.46	− 5 34.4	1.976	2.948	6.9	20.5
6 10	15 35.00	− 5 46.0	2.016	2.944	9.7	20.7
6 20	15 29.05	− 6 10.6	2.080	2.939	12.6	20.9

508809 2000 UV_{24} 5 20.8 281.°76 0.°5/20.6 18

4 11	16 20.22	−19 7.3	1.951	2.750	15.0	21.5
4 21	16 16.35	−19 8.8	1.832	2.720	12.1	21.2
5 1	16 9.80	−19 6.1	1.734	2.689	8.5	20.9
5 11	16 1.01	−18 59.4	1.660	2.657	4.4	20.6
5 21	15 50.75	−18 49.5	1.614	2.626	0.5	20.2
5 31	15 40.09	−18 38.4	1.594	2.593	4.9	20.5
6 10	15 30.24	−18 28.9	1.602	2.560	9.5	20.7
6 20	15 22.22	−18 24.1	1.633	2.527	13.7	20.9

501283 2013 WS_{46} 5 20.8 145.°30 2.°1/19.8 17

4 11	16 20.45	−13 49.2	2.233	3.027	13.5	21.6
4 21	16 15.60	−13 44.6	2.151	3.036	10.7	21.4
5 1	16 8.63	−13 39.5	2.091	3.043	7.5	21.3
5 11	16 0.11	−13 35.3	2.056	3.051	4.0	21.1
5 21	15 50.78	−13 33.5	2.050	3.058	2.2	20.9
5 31	15 41.53	−13 35.8	2.072	3.064	4.8	21.1
6 10	15 33.23	−13 43.6	2.122	3.070	8.2	21.3
6 20	15 26.54	−13 57.9	2.197	3.076	11.3	21.5

475656 2006 UW_{339} 5 20.8 119.°60 0.°9/21.3 17

4 11	16 17.62	−23 19.9	2.434	3.218	12.8	21.9
4 21	16 13.35	−23 26.1	2.348	3.226	10.2	21.8
5 1	16 7.07	−23 26.2	2.284	3.233	7.2	21.6
5 11	15 59.32	−23 20.4	2.245	3.239	3.8	21.4
5 21	15 50.80	−23 9.0	2.235	3.246	0.9	21.2
5 31	15 42.34	−22 53.7	2.253	3.253	3.6	21.4
6 10	15 34.77	−22 37.0	2.299	3.259	6.9	21.6
6 20	15 28.71	−22 21.6	2.370	3.265	9.9	21.8

409882 2006 SO_{339} 5 20.8 275.°85 0.°9/21.4 17

4 11	16 13.60	−23 33.3	3.312	4.087	9.9	21.2
4 21	16 9.77	−23 41.3	3.199	4.072	7.9	21.0
5 1	16 4.43	−23 44.7	3.111	4.057	5.6	20.9
5 11	15 57.95	−23 43.5	3.049	4.042	3.0	20.7
5 21	15 50.83	−23 38.2	3.016	4.027	0.9	20.5
5 31	15 43.64	−23 29.5	3.012	4.011	2.8	20.6
6 10	15 36.98	−23 19.2	3.037	3.996	5.5	20.8
6 20	15 31.34	−23 9.0	3.089	3.980	8.0	20.9

371088 2005 UT_{437} 5 20.8 99.°50 2.°0/19.8 17

4 11	16 19.45	−16 27.5	1.860	2.667	15.4	21.5
4 21	16 15.18	−16 3.6	1.788	2.681	12.1	21.3
5 1	16 8.49	−15 36.2	1.738	2.694	8.4	21.1
5 11	16 0.06	−15 7.2	1.711	2.708	4.4	20.9
5 21	15 50.78	−14 39.4	1.712	2.721	2.1	20.8
5 31	15 41.71	−14 15.9	1.740	2.734	5.2	21.0
6 10	15 33.82	−13 59.7	1.794	2.747	9.1	21.3
6 20	15 27.81	−13 52.7	1.872	2.760	12.5	21.5

78904 2003 SE_{81} 5 20.8 298.°12 0.°8/21.1 17

4 11	16 17.82	−22 6.9	1.854	2.657	15.5	19.5
4 21	16 14.40	−22 17.4	1.757	2.646	12.5	19.3
5 1	16 8.33	−22 21.9	1.681	2.635	8.8	19.0
5 11	16 0.17	−22 20.0	1.628	2.625	4.6	18.8
5 21	15 50.78	−22 12.1	1.602	2.614	0.8	18.4
5 31	15 41.28	−21 59.9	1.603	2.603	4.6	18.7
6 10	15 32.82	−21 46.5	1.629	2.593	8.9	18.9
6 20	15 26.29	−21 35.5	1.679	2.583	12.8	19.1

352600 2008 EB_{56} 5 20.8 135.°65 0.°0/20.8 17

4 11	16 16.67	−21 15.9	2.605	3.391	12.0	22.7
4 21	16 12.39	−21 4.4	2.519	3.399	9.5	22.5
5 1	16 6.29	−20 47.7	2.455	3.407	6.6	22.3
5 11	15 58.88	−20 26.3	2.419	3.415	3.3	22.1
5 21	15 50.82	−20 1.7	2.410	3.422	0.1	21.8
5 31	15 42.85	−19 36.0	2.431	3.429	3.5	22.1
6 10	15 35.70	−19 11.7	2.479	3.436	6.7	22.4
6 20	15 29.92	−18 51.2	2.554	3.443	9.5	22.5

395995 2013 BA_{42} 5 20.8 173.°60 3.°8/18.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 15.19	− 8 17.4	2.748	3.542	11.3	21.6
4 21	16 11.04	− 7 44.0	2.662	3.544	9.0	21.5
5 1	16 5.28	− 7 11.9	2.600	3.545	6.6	21.3
5 11	15 58.36	− 6 44.0	2.564	3.546	4.5	21.2
5 21	15 50.83	− 6 22.6	2.556	3.547	3.9	21.1
5 31	15 43.37	− 6 9.8	2.577	3.548	5.5	21.3
6 10	15 36.59	− 6 7.1	2.625	3.549	7.9	21.4
6 20	15 31.01	− 6 14.9	2.698	3.549	10.3	21.6

510460 2011 WR_{50} 5 20.8 263.°67 1.°2/21.6 18

4 11	16 15.97	−25 57.6	2.428	3.210	12.9	21.2
4 21	16 12.22	−25 40.9	2.322	3.197	10.4	21.0
5 1	16 6.41	−25 14.9	2.238	3.185	7.4	20.8
5 11	15 59.05	−24 39.8	2.180	3.172	4.1	20.6
5 21	15 50.82	−23 56.7	2.149	3.160	1.2	20.3
5 31	15 42.57	−23 8.3	2.147	3.147	3.7	20.5
6 10	15 35.15	−22 18.5	2.172	3.134	7.2	20.7
6 20	15 29.23	−21 31.2	2.223	3.121	10.4	20.9

97874 2000 QB_{38} 5 20.8 243.°50 0.°2/20.9 17

4 11	16 22.16	−21 56.3	1.846	2.642	15.9	20.1
4 21	16 17.93	−21 48.4	1.740	2.625	12.8	19.9
5 1	16 10.87	−21 32.7	1.654	2.607	9.0	19.6
5 11	16 1.52	−21 9.2	1.593	2.589	4.7	19.3
5 21	15 50.78	−20 39.0	1.558	2.570	0.2	18.9
5 31	15 39.83	−20 4.8	1.551	2.551	4.9	19.2
6 10	15 29.94	−19 31.1	1.570	2.530	9.5	19.4
6 20	15 22.10	−19 2.2	1.614	2.509	13.7	19.6

433350 2013 RY_{82} 5 20.8 179.°32 1.°9/21.9 17

4 11	16 20.62	−27 4.1	2.169	2.946	14.4	22.1
4 21	16 16.10	−27 1.7	2.076	2.947	11.6	21.9
5 1	16 9.18	−26 49.3	2.005	2.948	8.4	21.7
5 11	16 0.47	−26 26.4	1.959	2.949	4.8	21.5
5 21	15 50.81	−25 53.6	1.940	2.948	2.0	21.3
5 31	15 41.21	−25 13.3	1.949	2.948	4.2	21.5
6 10	15 32.67	−24 29.7	1.986	2.947	7.8	21.7
6 20	15 25.93	−23 47.3	2.048	2.945	11.1	21.9

391106 2005 UK_{475} 5 20.8 115.°66 4.°8/23.1 16

4 11	16 21.07	−33 40.6	2.496	3.243	13.5	21.5
4 21	16 16.42	−34 30.9	2.405	3.247	11.3	21.4
5 1	16 9.43	−35 11.6	2.336	3.251	8.8	21.2
5 11	16 0.63	−35 39.9	2.291	3.255	6.3	21.0
5 21	15 50.81	−35 53.7	2.273	3.259	4.8	21.0
5 31	15 40.93	−35 53.2	2.283	3.262	5.5	21.0
6 10	15 31.99	−35 40.5	2.320	3.266	7.7	21.1
6 20	15 24.77	−35 19.7	2.382	3.270	10.2	21.3

336488 2008 VL_{64} 5 20.8 295.°28 0.°6/20.6 17

4 11	16 20.01	−17 35.3	1.807	2.613	15.7	20.6
4 21	16 16.44	−17 51.2	1.692	2.583	12.7	20.4
5 1	16 10.03	−18 5.7	1.597	2.554	9.0	20.1
5 11	16 1.22	−18 18.9	1.526	2.524	4.6	19.7
5 21	15 50.79	−18 31.2	1.482	2.494	0.7	19.4
5 31	15 39.91	−18 43.5	1.464	2.464	5.2	19.6
6 10	15 29.88	−18 57.8	1.473	2.433	10.0	19.8
6 20	15 21.78	−19 16.0	1.504	2.403	14.3	20.0

262286 2006 SW_{377} 5 20.8 309.°38 5.°6/18.9 17

4 11	16 16.43	− 9 37.1	1.365	2.200	18.4	20.6
4 21	16 14.20	− 9 9.0	1.268	2.174	15.0	20.3
5 1	16 8.78	− 8 42.3	1.190	2.149	11.1	20.0
5 11	16 0.67	− 8 21.7	1.133	2.124	7.1	19.7
5 21	15 50.80	− 8 12.1	1.099	2.100	5.7	19.6
5 31	15 40.56	− 8 17.9	1.089	2.076	8.9	19.7
6 10	15 31.45	− 8 41.8	1.102	2.053	13.6	19.9
6 20	15 24.70	− 9 24.0	1.134	2.030	18.2	20.1

349458 2008 CP_{117} 5 20.8 147.°47 0.°4/20.5 17

4 11	16 16.87	−20 10.1	3.024	3.803	10.7	23.2
4 21	16 12.23	−19 54.4	2.937	3.814	8.4	23.0
5 1	16 6.02	−19 34.3	2.874	3.824	5.8	22.9
5 11	15 58.71	−19 10.8	2.838	3.834	2.9	22.7
5 21	15 50.86	−18 45.2	2.832	3.844	0.4	22.5
5 31	15 43.09	−18 19.3	2.855	3.853	3.2	22.7
6 10	15 36.04	−17 55.4	2.908	3.861	6.0	22.9
6 20	15 30.18	−17 35.4	2.987	3.868	8.5	23.1

225176 2008 HV_{18} 5 20.8 262.°02 1.°7/19.9 18 R

4 11	16 18.96	−18 22.7	1.925	2.728	15.0	21.0
4 21	16 15.18	−17 48.4	1.816	2.707	12.0	20.8
5 1	16 8.84	−17 6.9	1.729	2.685	8.4	20.5
5 11	16 0.45	−16 19.9	1.666	2.663	4.4	20.2
5 21	15 50.82	−15 30.6	1.630	2.640	1.8	20.0
5 31	15 41.03	−14 42.9	1.622	2.617	5.4	20.2
6 10	15 32.17	−14 1.6	1.640	2.593	9.7	20.4
6 20	15 25.15	−13 30.6	1.682	2.569	13.7	20.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
457692 2009 EB_4			5 20.8 64°.95		6°.4/18.3 18	
	h m	° ′			°	m
4 11	16 19.27	− 8 34.2	1.363	2.192	18.7	20.5
4 21	16 15.73	− 7 38.2	1.304	2.206	15.0	20.3
5 1	16 9.20	− 6 44.6	1.266	2.220	11.0	20.1
5 11	16 0.53	− 5 59.4	1.249	2.235	7.5	20.0
5 21	15 50.83	− 5 28.2	1.256	2.250	6.6	20.0
5 31	15 41.46	− 5 15.1	1.287	2.264	9.1	20.1
6 10	15 33.61	− 5 21.9	1.342	2.279	12.8	20.4
6 20	15 28.12	− 5 47.3	1.417	2.294	16.4	20.6
143993 2004 AG_2			5 20.8 137°.48		0°.3/20.9 18	
4 11	16 21.21	−21 44.3	1.764	2.565	16.3	20.6
4 21	16 16.97	−21 41.1	1.683	2.571	13.0	20.3
5 1	16 9.99	−21 30.8	1.623	2.577	9.1	20.1
5 11	16 0.95	−21 13.6	1.586	2.583	4.6	19.9
5 21	15 50.83	−20 50.7	1.576	2.588	0.3	19.5
5 31	15 40.82	−20 25.1	1.593	2.594	4.7	19.9
6 10	15 32.07	−20 0.5	1.637	2.598	9.1	20.2
6 20	15 25.44	−19 40.8	1.704	2.603	12.9	20.4
394311 2006 WP_{12}			5 20.8 144°.64		2°.2/19.7 18	
4 11	16 16.99	−13 19.3	2.534	3.328	12.1	21.7
4 21	16 12.66	−13 11.4	2.448	3.333	9.6	21.5
5 1	16 6.51	−13 3.1	2.385	3.337	6.7	21.3
5 11	15 59.03	−12 56.1	2.348	3.342	3.7	21.1
5 21	15 50.87	−12 51.7	2.339	3.346	2.2	21.0
5 31	15 42.75	−12 51.6	2.359	3.349	4.5	21.2
6 10	15 35.42	−12 57.2	2.407	3.353	7.4	21.4
6 20	15 29.43	−13 9.3	2.480	3.356	10.2	21.6
373554 2001 UF_{227}			5 20.8 235°.94		1°.0/20.3 17	
4 11	16 19.98	−18 18.3	2.051	2.849	14.4	21.8
4 21	16 15.75	−18 8.4	1.950	2.837	11.5	21.6
5 1	16 9.08	−17 54.1	1.870	2.825	8.0	21.4
5 11	16 0.52	−17 36.4	1.816	2.812	4.1	21.1
5 21	15 50.84	−17 16.8	1.788	2.799	1.1	20.9
5 31	15 41.07	−16 57.7	1.789	2.786	4.7	21.1
6 10	15 32.23	−16 42.3	1.816	2.772	8.8	21.3
6 20	15 25.15	−16 33.1	1.868	2.757	12.4	21.5
122399 2000 QO_{79}			5 20.8 232°.57		2°.2/21.9 18	
4 11	16 21.01	−27 27.2	2.355	3.125	13.6	21.3
4 21	16 16.41	−27 33.5	2.245	3.111	11.1	21.1
5 1	16 9.47	−27 30.9	2.157	3.097	8.1	20.9
5 11	16 0.69	−27 18.2	2.094	3.082	4.7	20.7
5 21	15 50.84	−26 55.3	2.058	3.066	2.2	20.5
5 31	15 40.88	−26 23.9	2.052	3.049	4.1	20.6
6 10	15 31.79	−25 47.3	2.073	3.032	7.6	20.7
6 20	15 24.38	−25 9.6	2.120	3.014	10.9	20.9
394767 2008 GU_{29}			5 20.8 8°.07		0°.0/20.8 16	
4 11	16 14.55	−21 7.8	1.990	2.797	14.5	21.3
4 21	16 11.42	−21 0.8	1.906	2.798	11.5	21.1
5 1	16 6.00	−20 47.7	1.843	2.800	8.0	20.9
5 11	15 58.89	−20 29.1	1.804	2.802	4.1	20.7
5 21	15 50.88	−20 6.7	1.792	2.804	0.1	20.3
5 31	15 42.92	−19 43.0	1.807	2.807	4.2	20.7
6 10	15 35.97	−19 21.3	1.848	2.810	8.1	20.9
6 20	15 30.74	−19 4.4	1.913	2.814	11.6	21.2
70237 1999 RO_{68}			5 20.8 191°.83		1°.0/21.3 17	
4 11	16 22.67	−23 36.5	2.041	2.826	14.9	21.0
4 21	16 17.88	−23 38.1	1.947	2.825	12.0	20.8
5 1	16 10.54	−23 32.1	1.874	2.823	8.5	20.6
5 11	16 1.24	−23 18.1	1.826	2.820	4.5	20.4
5 21	15 50.84	−22 56.6	1.805	2.816	1.0	20.1
5 31	15 40.44	−22 29.9	1.812	2.812	4.3	20.3
6 10	15 31.13	−22 1.6	1.847	2.807	8.3	20.6
6 20	15 23.72	−21 35.6	1.907	2.802	12.0	20.8
153488 2001 RL_{87}			5 20.8 163°.30		1°.9/19.7 17	
4 11	16 19.56	−16 41.1	2.248	3.042	13.4	21.2
4 21	16 14.91	−16 7.9	2.163	3.048	10.6	21.0
5 1	16 8.17	−15 30.4	2.100	3.054	7.3	20.8
5 11	15 59.91	−14 50.9	2.063	3.058	3.9	20.6
5 21	15 50.87	−14 11.9	2.054	3.063	2.0	20.4
5 31	15 41.95	−13 36.7	2.074	3.066	4.8	20.6
6 10	15 33.97	−13 8.3	2.122	3.069	8.2	20.8
6 20	15 27.60	−12 48.9	2.194	3.071	11.3	21.0
361113 2006 ER_8			5 20.8 114°.43		2°.1/19.9 16	
4 11	16 21.23	−17 6.6	1.502	2.319	17.9	21.6
4 21	16 17.29	−16 41.7	1.429	2.328	14.2	21.4
5 1	16 10.36	−16 11.6	1.376	2.336	9.8	21.2
5 11	16 1.18	−15 38.8	1.346	2.344	5.1	20.9
5 21	15 50.85	−15 6.5	1.341	2.351	2.2	20.7
5 31	15 40.70	−14 38.8	1.363	2.359	6.1	21.0
6 10	15 32.02	−14 19.6	1.409	2.366	10.6	21.3
6 20	15 25.66	−14 11.6	1.477	2.373	14.7	21.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
193514 2000 YA_{55}			5 20.8 168°.97		3°.3/19.2 18	
	h m	° ′			°	m
4 11	16 18.64	−11 42.3	2.148	2.949	13.8	20.2
4 21	16 14.31	−11 20.4	2.064	2.951	11.0	20.0
5 1	16 7.83	−10 58.4	2.001	2.953	7.8	19.8
5 11	15 59.78	−10 39.0	1.964	2.955	4.6	19.6
5 21	15 50.89	−10 24.6	1.954	2.957	3.3	19.5
5 31	15 42.05	−10 17.4	1.972	2.958	5.7	19.7
6 10	15 34.15	−10 19.4	2.017	2.959	8.9	19.9
6 20	15 27.85	−10 31.3	2.086	2.959	12.0	20.1
371949 2008 FB_3			5 20.8 340°.86		4°.3/18.8 17	
4 11	16 14.77	−14 8.0	1.412	2.247	17.9	21.2
4 21	16 12.44	−13 13.8	1.333	2.242	14.3	21.0
5 1	16 7.18	−12 14.4	1.274	2.237	10.1	20.7
5 11	15 59.66	−11 14.9	1.237	2.232	6.0	20.5
5 21	15 50.89	−10 20.7	1.224	2.228	4.4	20.4
5 31	15 42.16	− 9 38.1	1.236	2.225	7.7	20.5
6 10	15 34.77	− 9 11.6	1.270	2.222	12.1	20.8
6 20	15 29.61	− 9 3.3	1.326	2.219	16.2	21.0
29314 Eurydamas			5 20.8 323°.70		3°.8/16.8 18	R
4 11	16 7.72	− 2 26.0	4.211	4.996	7.8	18.8
4 21	16 4.68	− 1 53.2	4.123	4.992	6.4	18.7
5 1	16 0.68	− 1 23.4	4.060	4.988	5.0	18.6
5 11	15 56.00	− 0 58.8	4.024	4.985	4.0	18.5
5 21	15 50.97	− 0 41.0	4.015	4.981	3.9	18.5
5 31	15 45.95	− 0 31.4	4.035	4.977	4.8	18.5
6 10	15 41.32	− 0 30.7	4.082	4.974	6.2	18.6
6 20	15 37.38	− 0 39.0	4.153	4.971	7.6	18.7
209481 2004 HG_{33}			5 20.8 129°.09		5°.5/20.9 18	
4 11	16 39.11	−21 58.2	1.173	1.973	22.9	20.2
4 21	16 33.58	−24 15.5	1.097	1.979	18.8	19.9
5 1	16 23.18	−26 38.5	1.038	1.985	13.8	19.7
5 11	16 8.41	−28 57.3	1.003	1.991	8.5	19.4
5 21	15 50.71	−30 59.5	0.993	1.996	5.5	19.2
5 31	15 32.48	−32 35.5	1.009	2.001	8.5	19.4
6 10	15 16.32	−33 44.0	1.051	2.006	13.6	19.7
6 20	15 4.13	−34 30.8	1.114	2.010	18.4	20.0
249423 2009 DJ_{136}			5 20.8 302°.02		6°.5/16.7 17	
4 11	16 13.39	− 4 3.4	2.154	2.961	13.5	20.1
4 21	16 10.26	− 3 2.8	2.061	2.945	11.1	19.9
5 1	16 5.12	− 2 5.0	1.990	2.929	8.7	19.7
5 11	15 58.45	− 1 14.9	1.944	2.913	6.9	19.6
5 21	15 50.92	− 0 37.1	1.924	2.897	6.7	19.5
5 31	15 43.34	− 0 15.4	1.929	2.882	8.5	19.6
6 10	15 36.54	− 0 12.0	1.959	2.866	11.1	19.7
6 20	15 31.19	− 0 26.7	2.011	2.851	13.7	19.9
157657 2005 YL_{35}			5 20.8 104°.69		0°.2/20.9 18	
4 11	16 18.19	−22 8.1	1.833	2.636	15.7	20.8
4 21	16 14.52	−21 56.4	1.748	2.637	12.5	20.6
5 1	16 8.29	−21 36.8	1.683	2.639	8.7	20.3
5 11	16 0.11	−21 10.0	1.643	2.640	4.5	20.1
5 21	15 50.89	−20 37.6	1.629	2.641	0.2	19.7
5 31	15 41.75	−20 2.9	1.642	2.642	4.6	20.1
6 10	15 33.76	−19 30.1	1.681	2.643	8.8	20.3
6 20	15 27.73	−19 2.9	1.744	2.645	12.6	20.6
380302 2002 CT_{269}			5 20.8 197°.18		3°.5/22.8 17	
4 11	16 21.62	−31 14.3	2.268	3.028	14.3	21.8
4 21	16 16.99	−31 28.8	2.170	3.026	11.8	21.6
5 1	16 9.89	−31 32.3	2.093	3.023	8.8	21.4
5 11	16 0.90	−31 22.7	2.040	3.019	5.8	21.2
5 21	15 50.88	−30 59.5	2.015	3.015	3.6	21.1
5 31	15 40.85	−30 24.2	2.018	3.011	4.8	21.1
6 10	15 31.87	−29 40.7	2.048	3.005	7.8	21.3
6 20	15 24.72	−28 53.8	2.103	3.000	10.9	21.5
109811 2001 RN_{103}			5 20.8 120°.23		13°.1/11.8 17	
4 11	16 18.26	+13 57.6	1.976	2.732	16.3	20.1
4 21	16 14.01	+15 56.1	1.932	2.745	14.7	20.0
5 1	16 7.57	+17 37.2	1.909	2.757	13.6	20.0
5 11	15 59.60	+18 52.8	1.907	2.769	13.1	20.0
5 21	15 50.92	+19 37.5	1.926	2.780	13.5	20.0
5 31	15 42.47	+19 48.5	1.967	2.791	14.5	20.1
6 10	15 35.11	+19 27.2	2.027	2.802	15.8	20.2
6 20	15 29.47	+18 37.6	2.104	2.812	17.2	20.4
470116 2006 TM_{119}			5 20.8 156°.88		3°.9/18.1 18	
4 11	16 15.21	− 8 30.3	2.773	3.566	11.2	22.3
4 21	16 11.03	− 7 47.3	2.691	3.572	8.9	22.1
5 1	16 5.27	− 7 5.2	2.633	3.578	6.5	22.0
5 11	15 58.39	− 6 27.0	2.601	3.583	4.5	21.8
5 21	15 50.95	− 5 55.3	2.598	3.588	4.0	21.8
5 31	15 43.59	− 5 32.6	2.623	3.592	5.6	21.9
6 10	15 36.93	− 5 20.6	2.676	3.596	7.9	22.1
6 20	15 31.46	− 5 19.7	2.753	3.600	10.2	22.2

130652 2000 SG_{86} 5 20.8 152°.14 5°.0/17.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 17.99	− 6 55.0	2.447	3.239	12.5	21.0
4 21	16 13.38	− 5 57.1	2.370	3.249	10.1	20.9
5 1	16 6.96	− 5 0.8	2.317	3.258	7.5	20.7
5 11	15 59.26	− 4 9.9	2.290	3.266	5.5	20.6
5 21	15 50.94	− 3 28.2	2.292	3.274	5.1	20.6
5 31	15 42.75	− 2 58.7	2.321	3.281	6.8	20.7
6 10	15 35.40	− 2 43.2	2.377	3.288	9.2	20.9
6 20	15 29.45	− 2 42.0	2.457	3.293	11.6	21.1

125363 2001 VF_{67} 5 20.8 204°.61 1°.0/21.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 20.93	−23 39.1	2.184	2.967	14.1	20.5
4 21	16 16.38	−23 43.0	2.086	2.963	11.3	20.3
5 1	16 9.45	−23 39.9	2.010	2.958	8.0	20.0
5 11	16 0.70	−23 29.4	1.959	2.953	4.3	19.8
5 21	15 50.91	−23 12.0	1.936	2.947	1.0	19.5
5 31	15 41.10	−22 49.5	1.941	2.940	4.1	19.8
6 10	15 32.25	−22 25.2	1.974	2.934	7.9	20.0
6 20	15 25.15	−22 2.5	2.031	2.926	11.3	20.2

272331 2005 ST_{106} 5 20.8 201°.51 0°.4/20.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 19.76	−20 34.9	2.090	2.884	14.3	22.5
4 21	16 15.45	−20 18.4	1.996	2.881	11.4	22.3
5 1	16 8.79	−19 55.6	1.924	2.877	7.9	22.1
5 11	16 0.34	−19 27.1	1.877	2.873	4.0	21.8
5 21	15 50.92	−18 54.9	1.857	2.869	0.5	21.5
5 31	15 41.52	−18 21.8	1.865	2.864	4.4	21.8
6 10	15 33.11	−17 51.4	1.901	2.858	8.3	22.1
6 20	15 26.44	−17 27.0	1.961	2.852	11.9	22.3

284640 2007 VM_{323} 5 20.8 255°.86 3°.6/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 18.70	−32 39.8	2.294	3.055	14.1	20.5
4 21	16 14.73	−32 40.0	2.187	3.043	11.7	20.3
5 1	16 8.37	−32 27.3	2.101	3.030	8.9	20.1
5 11	16 0.17	−32 0.1	2.040	3.017	5.9	19.9
5 21	15 50.93	−31 18.1	2.005	3.004	3.7	19.7
5 31	15 41.66	−30 23.4	1.997	2.991	4.8	19.8
6 10	15 33.38	−29 20.5	2.017	2.977	7.7	19.9
6 20	15 26.87	−28 15.0	2.063	2.963	10.9	20.1

29342 1995 CF_{1} 5 20.8 103°.17 3°.5/19.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 21.53	−11 38.4	1.862	2.666	15.4	18.5
4 21	16 16.74	−11 16.6	1.795	2.684	12.2	18.3
5 1	16 9.54	−10 55.4	1.749	2.702	8.6	18.2
5 11	16 0.64	−10 37.5	1.728	2.720	5.1	18.0
5 21	15 50.93	−10 25.4	1.734	2.737	3.6	17.9
5 31	15 41.45	−10 21.5	1.768	2.754	6.1	18.1
6 10	15 33.17	−10 27.5	1.827	2.770	9.6	18.4
6 20	15 26.79	−10 43.8	1.910	2.786	12.8	18.6

272615 2005 WE_{26} 5 20.8 162°.68 0°.7/21.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 21.28	−22 52.1	2.276	3.058	13.7	22.5
4 21	16 16.42	−22 55.2	2.187	3.063	10.9	22.3
5 1	16 9.32	−22 51.9	2.120	3.068	7.6	22.1
5 11	16 0.57	−22 42.1	2.079	3.073	4.0	21.9
5 21	15 50.93	−22 26.6	2.065	3.077	0.7	21.6
5 31	15 41.35	−22 7.1	2.081	3.081	3.9	21.9
6 10	15 32.76	−21 46.5	2.125	3.083	7.5	22.1
6 20	15 25.84	−21 28.0	2.193	3.086	10.7	22.3

364741 2007 VD_{248} 5 20.8 348°.89 5°.8/18.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 16.57	−10 10.5	1.312	2.149	18.9	20.6
4 21	16 14.06	− 9 26.3	1.238	2.146	15.2	20.4
5 1	16 8.42	− 8 42.4	1.183	2.143	11.0	20.1
5 11	16 0.34	− 8 4.3	1.150	2.141	7.1	19.9
5 21	15 50.93	− 7 37.5	1.140	2.139	5.9	19.8
5 31	15 41.57	− 7 26.7	1.153	2.138	8.9	20.0
6 10	15 33.63	− 7 34.6	1.189	2.137	13.1	20.2
6 20	15 28.10	− 8 1.0	1.245	2.137	17.2	20.4

225284 1994 JK_{6} 5 20.8 133°.95 2°.1/19.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 18.27	−17 54.1	2.084	2.884	14.1	21.0
4 21	16 14.03	−16 59.1	2.004	2.893	11.1	20.8
5 1	16 7.62	−15 57.7	1.946	2.902	7.7	20.6
5 11	15 59.66	−14 52.8	1.914	2.910	4.1	20.4
5 21	15 50.95	−13 48.4	1.911	2.919	2.2	20.3
5 31	15 42.42	−12 49.1	1.935	2.926	5.1	20.5
6 10	15 34.94	−11 58.9	1.987	2.934	8.7	20.7
6 20	15 29.14	−11 20.7	2.063	2.941	11.9	20.9

432466 2010 CM_{158} 5 20.8 81°.90 4°.0/18.7 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 18.39	−11 38.1	1.958	2.765	14.7	21.9
4 21	16 14.06	−10 50.1	1.896	2.788	11.6	21.7
5 1	16 7.57	−10 1.8	1.857	2.810	8.2	21.6
5 11	15 59.59	− 9 16.8	1.843	2.832	5.1	21.4
5 21	15 50.95	− 8 38.8	1.855	2.854	4.1	21.4
5 31	15 42.59	− 8 11.1	1.895	2.876	6.3	21.6
6 10	15 35.35	− 7 56.0	1.961	2.898	9.5	21.8
6 20	15 29.83	− 7 54.1	2.051	2.919	12.4	22.0

292401 2006 SC_{281} 5 20.8 197°.55 0°.5/21.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 23.74	−20 56.4	2.189	2.971	14.1	21.4
4 21	16 18.58	−21 11.7	2.091	2.968	11.3	21.2
5 1	16 10.98	−21 22.7	2.015	2.964	7.9	20.9
5 11	16 1.50	−21 29.0	1.964	2.959	4.1	20.7
5 21	15 50.92	−21 30.4	1.942	2.954	0.5	20.4
5 31	15 40.27	−21 28.2	1.949	2.948	4.1	20.7
6 10	15 30.57	−21 24.6	1.984	2.941	8.0	20.9
6 20	15 22.65	−21 22.3	2.044	2.933	11.5	21.1

504456 2008 CC_{163} 5 20.8 93°.20 6°.6/16.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 15.99	− 0 17.8	2.484	3.271	12.5	21.8
4 21	16 11.68	+ 0 39.0	2.426	3.292	10.3	21.7
5 1	16 5.71	+ 1 29.3	2.390	3.313	8.3	21.6
5 11	15 58.61	+ 2 8.9	2.380	3.333	6.8	21.5
5 21	15 50.99	+ 2 34.5	2.397	3.353	6.7	21.5
5 31	15 43.57	+ 2 44.0	2.440	3.373	7.9	21.6
6 10	15 36.98	+ 2 37.0	2.509	3.392	9.8	21.8
6 20	15 31.72	+ 2 14.6	2.600	3.412	11.8	22.0

138858 2000 WE_{62} 5 20.8 169°.16 3°.4/18.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 16.51	− 7 53.6	2.986	3.772	10.6	20.2
4 21	16 11.96	− 7 35.6	2.899	3.776	8.5	20.1
5 1	16 5.89	− 7 19.7	2.835	3.779	6.2	19.9
5 11	15 58.72	− 7 8.0	2.799	3.781	4.1	19.8
5 21	15 50.99	− 7 2.2	2.791	3.784	3.5	19.8
5 31	15 43.31	− 7 3.9	2.813	3.786	5.0	19.9
6 10	15 36.26	− 7 13.8	2.862	3.787	7.3	20.0
6 20	15 30.34	− 7 32.2	2.937	3.788	9.5	20.2

42577 1997 AB_{18} 5 20.8 150°.93 4°.1/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 23.34	−30 3.8	1.759	2.539	17.1	18.6
4 21	16 19.04	−30 32.6	1.675	2.543	14.1	18.3
5 1	16 11.69	−30 49.8	1.610	2.547	10.5	18.1
5 11	16 1.96	−30 52.3	1.568	2.551	6.7	17.9
5 21	15 50.93	−30 39.0	1.552	2.554	4.1	17.8
5 31	15 39.94	−30 11.3	1.563	2.557	5.6	17.9
6 10	15 30.34	−29 33.8	1.599	2.560	9.3	18.1
6 20	15 23.09	−28 52.6	1.659	2.562	12.9	18.3

35741 1999 GX_{24} 5 20.8 252°.51 2°.0/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 22.19	−24 55.4	1.668	2.465	17.2	18.8
4 21	16 18.41	−25 9.6	1.567	2.451	14.0	18.5
5 1	16 11.49	−25 15.0	1.487	2.437	10.1	18.2
5 11	16 2.01	−25 10.1	1.429	2.422	5.7	18.0
5 21	15 50.93	−24 54.4	1.397	2.407	2.0	17.7
5 31	15 39.63	−24 29.5	1.391	2.391	5.2	17.8
6 10	15 29.53	−24 0.0	1.411	2.375	9.9	18.1
6 20	15 21.75	−23 30.9	1.454	2.359	14.3	18.3

356349 2010 LG_{60} 5 20.8 208°.66 0°.3/21.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 15.31	−23 16.6	2.473	3.261	12.5	21.6
4 21	16 11.56	−22 56.3	2.380	3.260	10.0	21.4
5 1	16 5.89	−22 28.5	2.308	3.259	6.9	21.2
5 11	15 58.81	−21 54.2	2.263	3.258	3.6	21.0
5 21	15 51.00	−21 14.9	2.245	3.257	0.3	20.7
5 31	15 43.24	−20 33.3	2.256	3.256	3.6	21.0
6 10	15 36.31	−19 52.8	2.295	3.255	6.9	21.2
6 20	15 30.81	−19 16.5	2.359	3.253	10.0	21.4

142055 2002 QP_{23} 5 20.8 310°.19 0°.7/21.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 16.29	−22 21.9	1.388	2.214	18.6	19.9
4 21	16 14.28	−22 24.8	1.290	2.193	15.1	19.6
5 1	16 8.95	−22 18.8	1.212	2.172	10.7	19.3
5 11	16 0.84	−22 3.7	1.154	2.152	5.7	18.9
5 21	15 50.95	−21 40.3	1.120	2.132	0.7	18.5
5 31	15 40.75	−21 11.5	1.111	2.113	5.7	18.8
6 10	15 31.82	−20 42.5	1.124	2.094	11.2	19.1
6 20	15 25.41	−20 18.7	1.159	2.076	16.2	19.3

325055 2008 CV_{189} 5 20.8 91°.99 9°.8/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 37.38	−42 13.1	1.852	2.560	18.7	20.8
4 21	16 30.80	−44 3.1	1.790	2.589	16.3	20.7
5 1	16 20.24	−45 36.3	1.747	2.616	13.7	20.6
5 11	16 6.45	−46 44.2	1.726	2.643	11.3	20.5
5 21	15 50.87	−47 20.6	1.729	2.670	10.0	20.5
5 31	15 35.39	−47 24.0	1.758	2.695	10.2	20.5
6 10	15 21.88	−46 59.6	1.811	2.721	11.7	20.7
6 20	15 11.61	−46 16.0	1.887	2.745	13.7	20.9

72612 2001 FT_{19} 5 20.8 264°.45 3°.2/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 19.33	−28 54.2	2.008	2.788	15.3	19.4
4 21	16 15.49	−29 15.4	1.915	2.785	12.5	19.2
5 1	16 9.05	−29 26.7	1.842	2.782	9.2	19.0
5 11	16 0.59	−29 26.0	1.793	2.778	5.7	18.7
5 21	15 50.97	−29 12.9	1.771	2.775	3.3	18.6
5 31	15 41.33	−28 48.6	1.775	2.771	4.9	18.7
6 10	15 32.78	−28 17.0	1.806	2.768	8.3	18.9
6 20	15 26.18	−27 42.6	1.861	2.764	11.8	19.1

168924 2000 YE_{59} 5 20.8 147°.44 1°.3/20.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 21.99	−17 46.9	1.754	2.558	16.2	20.6
4 21	16 17.55	−17 36.4	1.673	2.564	12.9	20.4
5 1	16 10.41	−17 21.7	1.614	2.570	8.9	20.2
5 11	16 1.22	−17 4.0	1.579	2.576	4.6	19.9
5 21	15 50.97	−16 45.3	1.570	2.581	1.3	19.7
5 31	15 40.82	−16 28.2	1.589	2.586	5.2	20.0
6 10	15 31.92	−16 16.0	1.634	2.591	9.5	20.3
6 20	15 25.09	−16 11.3	1.702	2.594	13.3	20.5

83907 2001 UD_{184} 5 20.8 270°.78 5°.1/17.9 18

4 11	16 15.23	− 6 43.0	2.232	3.036	13.2	19.7
4 21	16 11.61	− 6 0.8	2.142	3.028	10.7	19.5
5 1	16 6.00	− 5 20.7	2.075	3.020	8.0	19.3
5 11	15 58.92	− 4 46.5	2.032	3.011	5.7	19.2
5 21	15 51.02	− 4 21.9	2.016	3.003	5.3	19.1
5 31	15 43.11	− 4 9.7	2.028	2.995	7.1	19.2
6 10	15 36.01	− 4 11.6	2.064	2.986	9.8	19.4
6 20	15 30.35	− 4 27.9	2.124	2.978	12.6	19.6

17414 1988 RN_{10} 5 20.8 2°.39 4°.1/16.4 18 R

4 11	16 7.91	− 1 7.1	4.172	4.955	7.9	19.2
4 21	16 4.85	− 0 29.1	4.089	4.955	6.5	19.1
5 1	16 0.83	+ 0 5.4	4.032	4.955	5.2	19.0
5 11	15 56.12	+ 0 34.1	4.001	4.955	4.3	19.0
5 21	15 51.07	+ 0 55.3	3.997	4.955	4.2	19.0
5 31	15 46.05	+ 1 7.5	4.022	4.955	5.1	19.0
6 10	15 41.43	+ 1 10.1	4.073	4.955	6.4	19.1
6 20	15 37.51	+ 1 3.0	4.148	4.956	7.8	19.2

318514 2005 EA_{180} 5 20.8 152°.59 0°.7/21.2 16

4 11	16 23.30	−23 45.9	1.999	2.784	15.2	22.7
4 21	16 18.29	−23 35.4	1.916	2.793	12.1	22.5
5 1	16 10.74	−23 16.3	1.853	2.802	8.5	22.3
5 11	16 1.34	−22 48.7	1.816	2.810	4.5	22.0
5 21	15 50.98	−22 14.0	1.806	2.818	0.7	21.8
5 31	15 40.78	−21 35.1	1.825	2.825	4.3	22.0
6 10	15 31.77	−20 56.4	1.871	2.830	8.3	22.3
6 20	15 24.72	−20 21.8	1.942	2.835	11.8	22.5

414195 2008 CC_{210} 5 20.8 151°.62 1°.1/21.4 17

4 11	16 22.81	−24 4.7	2.000	2.785	15.2	22.5
4 21	16 17.95	−24 3.8	1.916	2.793	12.2	22.3
5 1	16 10.55	−23 54.6	1.853	2.801	8.6	22.1
5 11	16 1.25	−23 36.9	1.815	2.809	4.6	21.8
5 21	15 50.99	−23 11.7	1.804	2.815	1.1	21.6
5 31	15 40.83	−22 41.3	1.822	2.821	4.3	21.8
6 10	15 31.86	−22 9.6	1.866	2.827	8.2	22.1
6 20	15 24.83	−21 40.6	1.936	2.832	11.8	22.3

712 Boliviana 5 20.8 188°.41 1°.0/20.2 18

4 11	16 19.23	−20 43.5	2.266	3.056	13.5	13.4
4 21	16 14.76	−19 59.2	2.172	3.055	10.7	13.2
5 1	16 8.16	−19 6.9	2.100	3.054	7.4	13.0
5 11	15 59.99	−18 8.5	2.055	3.052	3.7	12.7
5 21	15 51.02	−17 6.9	2.038	3.050	1.0	12.5
5 31	15 42.14	−16 6.2	2.051	3.047	4.4	12.7
6 10	15 34.20	−15 10.7	2.091	3.043	8.0	13.0
6 20	15 27.87	−14 24.0	2.156	3.039	11.3	13.2

387835 2004 HK_{53} 5 20.8 151°.62 0°.9/21.2 17

4 11	16 18.60	−22 9.4	2.272	3.061	13.5	21.2
4 21	16 14.41	−22 26.7	2.181	3.061	10.8	21.0
5 1	16 8.03	−22 39.2	2.112	3.062	7.6	20.8
5 11	15 59.99	−22 46.5	2.068	3.063	4.0	20.6
5 21	15 51.03	−22 48.7	2.052	3.063	0.9	20.3
5 31	15 42.06	−22 46.8	2.064	3.064	3.8	20.6
6 10	15 33.99	−22 43.1	2.103	3.064	7.4	20.8
6 20	15 27.53	−22 39.9	2.168	3.065	10.6	21.0

199261 2006 BN_{12} 5 20.8 239°.52 5°.2/18.2 18

4 11	16 17.13	− 7 46.6	1.976	2.784	14.5	20.2
4 21	16 13.37	− 7 4.0	1.890	2.779	11.7	20.0
5 1	16 7.36	− 6 23.1	1.827	2.775	8.7	19.8
5 11	15 59.66	− 5 48.1	1.788	2.770	6.0	19.6
5 21	15 51.04	− 5 22.8	1.775	2.765	5.4	19.6
5 31	15 42.44	− 5 10.5	1.788	2.760	7.4	19.7
6 10	15 34.79	− 5 13.1	1.827	2.755	10.5	19.9
6 20	15 28.81	− 5 30.8	1.889	2.750	13.6	20.1

154495 2003 FU_{15} 5 20.8 334°.99 10°.9/24.2 17

4 11	16 19.70	−40 2.9	1.469	2.237	20.4	19.5
4 21	16 17.82	−41 42.0	1.381	2.224	17.9	19.3
5 1	16 11.98	−43 6.1	1.310	2.212	15.2	19.0
5 11	16 2.64	−44 6.9	1.258	2.200	12.6	18.9
5 21	15 50.98	−44 36.9	1.227	2.189	11.0	18.7
5 31	15 38.87	−44 32.6	1.219	2.179	11.4	18.7
6 10	15 28.39	−43 57.9	1.232	2.171	13.6	18.8
6 20	15 21.11	−43 1.4	1.264	2.163	16.5	19.0

350277 2012 TR_{232} 5 20.8 305°.72 3°.3/21.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 21.57	−24 36.7	1.688	2.486	17.0	20.5
4 21	16 18.31	−25 34.7	1.572	2.455	14.0	20.2
5 1	16 11.80	−26 30.3	1.475	2.424	10.3	19.9
5 11	16 2.42	−27 20.4	1.402	2.392	6.3	19.6
5 21	15 50.99	−28 1.4	1.354	2.361	3.4	19.4
5 31	15 38.83	−28 31.3	1.333	2.330	5.9	19.4
6 10	15 27.54	−28 50.9	1.336	2.299	10.5	19.6
6 20	15 18.49	−29 3.4	1.362	2.269	15.0	19.8

318373 2004 VH_{60} 5 20.8 258°.25 1°.5/21.5 17

4 11	16 20.28	−24 23.5	2.106	2.892	14.5	21.2
4 21	16 16.18	−24 36.3	1.998	2.875	11.7	21.0
5 1	16 9.55	−24 42.1	1.910	2.858	8.4	20.8
5 11	16 0.90	−24 40.1	1.847	2.840	4.7	20.5
5 21	15 51.02	−24 30.1	1.811	2.822	1.6	20.2
5 31	15 40.94	−24 13.3	1.804	2.803	4.3	20.4
6 10	15 31.76	−23 52.8	1.823	2.784	8.3	20.6
6 20	15 24.36	−23 32.4	1.867	2.765	12.0	20.8

152050 2004 PB_{39} 5 20.8 266°.78 0°.6/20.5 18

4 11	16 15.66	−19 15.3	2.575	3.367	12.0	20.6
4 21	16 11.86	−19 4.9	2.467	3.351	9.5	20.4
5 1	16 6.16	−18 50.1	2.382	3.336	6.6	20.2
5 11	15 59.03	−18 31.9	2.323	3.320	3.4	20.0
5 21	15 51.06	−18 11.6	2.292	3.304	0.6	19.7
5 31	15 43.01	−17 51.2	2.290	3.288	3.8	19.9
6 10	15 35.66	−17 33.1	2.316	3.272	7.1	20.1
6 20	15 29.63	−17 19.6	2.366	3.255	10.2	20.3

267393 2001 YL_{108} 5 20.8 153°.12 11°.3/16.2 18

4 11	16 20.30	+ 9 41.5	1.904	2.674	16.3	20.4
4 21	16 15.82	+10 37.9	1.838	2.676	14.4	20.3
5 1	16 8.99	+11 18.9	1.792	2.677	12.6	20.2
5 11	16 0.45	+11 37.8	1.767	2.678	11.5	20.1
5 21	15 51.04	+11 30.1	1.765	2.679	11.4	20.1
5 31	15 41.77	+10 53.6	1.787	2.680	12.6	20.1
6 10	15 33.59	+ 9 50.2	1.831	2.681	14.4	20.3
6 20	15 27.21	+ 8 23.9	1.895	2.682	16.4	20.4

390972 2005 QG_{136} 5 20.8 25°.72 2°.4/22.1 17

4 11	16 16.76	−27 13.0	1.998	2.789	15.0	20.8
4 21	16 13.32	−27 24.7	1.915	2.793	12.1	20.6
5 1	16 7.43	−27 26.8	1.852	2.798	8.8	20.4
5 11	15 59.72	−27 18.5	1.814	2.803	5.2	20.2
5 21	15 51.05	−26 59.9	1.801	2.809	2.5	20.0
5 31	15 42.44	−26 33.2	1.816	2.815	4.4	20.1
6 10	15 34.93	−26 2.0	1.856	2.821	7.9	20.4
6 20	15 29.27	−25 30.6	1.921	2.827	11.3	20.6

468865 2013 PM_{37} 5 20.8 317°.45 4°.3/23.2 17

4 11	16 14.85	−32 59.4	1.379	2.184	19.8	20.3
4 21	16 13.40	−32 44.1	1.280	2.163	16.5	20.0
5 1	16 8.44	−32 6.2	1.198	2.143	12.5	19.7
5 11	16 0.60	−31 2.5	1.137	2.123	8.1	19.4
5 21	15 51.03	−29 33.2	1.099	2.104	4.5	19.1
5 31	15 41.33	−27 43.6	1.084	2.085	6.3	19.2
6 10	15 33.15	−25 44.3	1.094	2.067	11.1	19.4
6 20	15 27.70	−23 47.3	1.126	2.050	15.9	19.6

419865 2011 AR_{21} 5 20.8 97°.86 5°.6/23.9 17

4 11	16 23.32	−35 28.9	1.838	2.598	17.2	21.8
4 21	16 18.90	−35 52.0	1.762	2.611	14.4	21.6
5 1	16 11.48	−35 59.0	1.705	2.625	11.1	21.4
5 11	16 1.81	−35 46.8	1.670	2.638	7.9	21.3
5 21	15 51.02	−35 14.4	1.661	2.651	5.7	21.2
5 31	15 40.47	−34 24.0	1.677	2.664	6.4	21.2
6 10	15 31.42	−33 21.5	1.720	2.676	9.1	21.4
6 20	15 24.75	−32 14.3	1.787	2.689	12.3	21.6

52273 1988 RQ_{10} 5 20.8 172°.11 2°.5/17.9 18

4 11	16 7.45	− 7 13.3	4.865	5.652	6.8	20.0
4 21	16 4.36	− 6 46.6	4.777	5.653	5.4	19.9
5 1	16 0.43	− 6 21.2	4.713	5.654	4.0	19.8
5 11	15 55.93	− 5 58.6	4.677	5.655	2.8	19.7
5 21	15 51.12	− 5 40.0	4.670	5.656	2.6	19.7
5 31	15 46.34	− 5 26.5	4.692	5.656	3.5	19.8
6 10	15 41.90	− 5 19.1	4.742	5.657	4.9	19.9
6 20	15 38.05	− 5 18.0	4.818	5.657	6.3	20.0

201632 2003 SS_{277} 5 20.8 342°.01 4°.0/22.8 17

4 11	16 18.20	−30 42.9	1.801	2.586	16.6	20.0
4 21	16 14.96	−31 1.8	1.712	2.583	13.7	19.8
5 1	16 8.88	−31 8.0	1.642	2.581	10.2	19.6
5 11	16 0.58	−30 59.3	1.596	2.578	6.6	19.4
5 21	15 51.04	−30 35.0	1.574	2.576	4.1	19.2
5 31	15 41.51	−29 57.2	1.578	2.574	5.5	19.3
6 10	15 33.23	−29 10.6	1.608	2.572	9.0	19.5
6 20	15 27.11	−28 21.2	1.662	2.571	12.6	19.7

78782 2002 VL_{72} 5 20.8 272°.43 1°.4/20.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 16.80	−17 5.7	2.106	2.910	13.9	20.0
4 21	16 13.09	−16 52.6	2.014	2.905	11.0	19.8
5 1	16 7.17	−16 36.0	1.944	2.901	7.7	19.6
5 11	15 59.58	−16 17.4	1.899	2.896	4.0	19.4
5 21	15 51.07	−15 58.6	1.881	2.891	1.5	19.2
5 31	15 42.54	−15 42.2	1.890	2.886	4.6	19.4
6 10	15 34.93	−15 30.7	1.926	2.882	8.4	19.6
6 20	15 28.94	−15 26.1	1.987	2.877	11.8	19.8

423931 2006 TW_{30} 5 20.8 204°.12 0°.8/21.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 21.90	−23 0.2	2.022	2.809	14.9	22.4
4 21	16 17.37	−23 2.2	1.925	2.805	12.0	22.2
5 1	16 10.29	−22 57.1	1.851	2.801	8.5	22.0
5 11	16 1.22	−22 44.6	1.801	2.795	4.5	21.7
5 21	15 51.04	−22 25.3	1.778	2.790	0.8	21.4
5 31	15 40.82	−22 1.3	1.783	2.783	4.3	21.7
6 10	15 31.66	−21 36.1	1.816	2.776	8.4	21.9
6 20	15 24.38	−21 13.4	1.873	2.769	12.1	22.1

133405 2003 SK_{171} 5 20.8 189°.52 0°.2/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 19.21	−21 22.3	2.254	3.043	13.6	20.5
4 21	16 14.88	−21 22.8	2.161	3.042	10.8	20.3
5 1	16 8.35	−21 17.9	2.090	3.041	7.5	20.1
5 11	16 0.16	−21 7.7	2.044	3.040	3.9	19.8
5 21	15 51.06	−20 53.2	2.026	3.038	0.2	19.5
5 31	15 41.97	−20 36.2	2.037	3.036	3.9	19.8
6 10	15 33.80	−20 19.5	2.075	3.034	7.6	20.0
6 20	15 27.24	−20 5.8	2.138	3.032	10.9	20.2

314661 2006 QC_{12} 5 20.8 346°.91 10°.6/24.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 14.57	−36 48.8	1.123	1.934	23.0	19.6
4 21	16 14.36	−38 20.6	1.046	1.923	19.9	19.3
5 1	16 9.89	−39 35.1	0.985	1.914	16.4	19.1
5 11	16 1.67	−40 23.7	0.942	1.906	12.9	18.8
5 21	15 51.03	−40 38.9	0.918	1.899	10.7	18.7
5 31	15 40.09	−40 18.5	0.914	1.894	11.3	18.7
6 10	15 31.14	−39 28.2	0.929	1.890	14.2	18.8
6 20	15 25.78	−38 19.3	0.964	1.888	18.0	19.0

312694 2010 NT_{117} 5 20.8 271°.43 0°.5/20.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 15.48	−21 13.8	2.436	3.228	12.6	21.3
4 21	16 11.84	−20 42.2	2.326	3.211	10.0	21.1
5 1	16 6.22	−20 3.2	2.239	3.193	7.0	20.9
5 11	15 59.08	−19 18.0	2.178	3.175	3.5	20.6
5 21	15 51.09	−18 28.7	2.145	3.157	0.5	20.4
5 31	15 43.04	−17 38.7	2.141	3.139	4.0	20.6
6 10	15 35.75	−16 51.5	2.164	3.120	7.5	20.8
6 20	15 29.87	−16 10.7	2.212	3.101	10.8	21.0

229820 2008 TA_{84} 5 20.8 140°.93 0°.9/21.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 19.41	−23 46.2	2.166	2.953	14.1	20.8
4 21	16 15.09	−23 42.6	2.080	2.959	11.3	20.6
5 1	16 8.49	−23 31.5	2.016	2.965	7.9	20.4
5 11	16 0.22	−23 13.0	1.977	2.971	4.2	20.2
5 21	15 51.08	−22 48.0	1.966	2.977	0.9	20.0
5 31	15 42.03	−22 18.9	1.982	2.982	3.9	20.2
6 10	15 34.00	−21 49.2	2.027	2.988	7.6	20.5
6 20	15 27.70	−21 22.2	2.096	2.992	11.0	20.7

308839 2006 RY_{55} 5 20.9 75°.11 2°.0/21.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 21.75	−24 22.4	1.585	2.389	17.7	20.9
4 21	16 17.92	−24 46.8	1.507	2.395	14.3	20.7
5 1	16 10.99	−25 3.2	1.449	2.401	10.2	20.5
5 11	16 1.68	−25 10.0	1.413	2.407	5.7	20.2
5 21	15 51.06	−25 6.8	1.403	2.413	2.1	20.0
5 31	15 40.51	−24 55.1	1.419	2.419	5.1	20.2
6 10	15 31.39	−24 38.9	1.460	2.425	9.6	20.5
6 20	15 24.65	−24 22.8	1.524	2.432	13.6	20.7

510559 2012 PZ_{3} 5 20.9 225°.63 1°.2/21.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 18.63	−24 52.1	2.146	2.933	14.2	22.6
4 21	16 14.65	−24 47.0	2.049	2.928	11.4	22.4
5 1	16 8.32	−24 33.3	1.974	2.922	8.1	22.2
5 11	16 0.20	−24 10.8	1.923	2.916	4.4	21.9
5 21	15 51.09	−23 40.5	1.899	2.910	1.2	21.7
5 31	15 41.97	−23 4.8	1.903	2.904	4.1	21.9
6 10	15 33.82	−22 27.6	1.935	2.897	7.9	22.1
6 20	15 27.41	−21 52.7	1.991	2.890	11.3	22.3

430784 2004 TW_{173} 5 20.9 247°.50 4°.1/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 24.14	−31 11.7	2.402	3.154	13.8	21.3
4 21	16 19.20	−31 53.0	2.285	3.134	11.5	21.1
5 1	16 11.68	−32 26.2	2.190	3.114	8.8	20.9
5 11	16 2.05	−32 48.2	2.119	3.093	6.0	20.7
5 21	15 51.07	−32 56.9	2.076	3.072	4.2	20.5
5 31	15 39.79	−32 51.8	2.062	3.049	5.2	20.5
6 10	15 29.32	−32 35.1	2.075	3.026	8.1	20.7
6 20	15 20.61	−32 10.8	2.114	3.003	11.2	20.8

150969 2001 TQ_{172} 5 20.9 159°.69 0°.1/20.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 19.74	−21 3.2	1.857	2.658	15.6	20.9
4 21	16 15.75	−20 54.2	1.772	2.660	12.4	20.7
5 1	16 9.18	−20 38.4	1.707	2.662	8.6	20.5
5 11	16 0.66	−20 16.5	1.667	2.664	4.4	20.2
5 21	15 51.10	−19 50.2	1.654	2.666	0.1	19.9
5 31	15 41.61	−19 22.3	1.667	2.667	4.6	20.2
6 10	15 33.26	−18 56.5	1.708	2.669	8.8	20.5
6 20	15 26.86	−18 36.3	1.771	2.670	12.6	20.7

240751 2005 JA_{134} 5 20.9 149°.73 2°.5/19.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 17.21	−13 32.6	2.378	3.176	12.7	21.1
4 21	16 13.00	−13 9.3	2.294	3.181	10.0	21.0
5 1	16 6.88	−12 44.8	2.233	3.186	7.0	20.8
5 11	15 59.37	−12 21.0	2.197	3.190	4.0	20.6
5 21	15 51.14	−12 0.4	2.190	3.195	2.6	20.5
5 31	15 42.98	−11 45.1	2.210	3.199	4.9	20.7
6 10	15 35.66	−11 37.3	2.259	3.203	8.0	20.9
6 20	15 29.78	−11 37.9	2.331	3.206	10.9	21.0

53683 2000 DR_{77} 5 20.9 273°.68 6°.9/16.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 15.05	− 3 37.0	2.094	2.899	13.9	19.4
4 21	16 11.66	− 2 27.7	2.005	2.887	11.5	19.2
5 1	16 6.17	− 1 21.3	1.937	2.874	9.0	19.0
5 11	15 59.10	− 0 22.9	1.895	2.861	7.3	18.9
5 21	15 51.14	+ 0 22.1	1.877	2.848	7.2	18.9
5 31	15 43.16	+ 0 49.7	1.886	2.834	8.9	18.9
6 10	15 36.01	+ 0 57.6	1.920	2.821	11.5	19.1
6 20	15 30.37	+ 0 46.0	1.975	2.808	14.2	19.2

242735 2005 UD_{361} 5 20.9 317°.13 0°.3/20.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 14.67	−20 36.9	2.010	2.817	14.4	21.1
4 21	16 11.70	−20 27.1	1.910	2.802	11.5	20.8
5 1	16 6.41	−20 11.0	1.831	2.788	8.0	20.6
5 11	15 59.30	−19 49.6	1.776	2.773	4.1	20.3
5 21	15 51.14	−19 24.4	1.747	2.759	0.3	20.0
5 31	15 42.89	−18 58.1	1.746	2.746	4.4	20.3
6 10	15 35.54	−18 34.1	1.770	2.732	8.4	20.5
6 20	15 29.88	−18 15.5	1.819	2.720	12.1	20.7

375863 2009 VL_{33} 5 20.9 44°.28 4°.4/22.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 21.36	−30 1.2	1.735	2.519	17.2	20.9
4 21	16 17.60	−30 41.6	1.651	2.522	14.1	20.7
5 1	16 10.81	−31 11.1	1.588	2.525	10.6	20.5
5 11	16 1.63	−31 26.7	1.547	2.528	6.9	20.3
5 21	15 51.11	−31 26.3	1.531	2.531	4.5	20.1
5 31	15 40.59	−31 10.9	1.541	2.535	5.9	20.2
6 10	15 31.41	−30 44.5	1.577	2.538	9.4	20.4
6 20	15 24.55	−30 12.8	1.635	2.542	12.9	20.7

178226 Rebeccalouise 5 20.9 28°.79 1°.4/20.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 16.99	−19 12.0	1.322	2.154	19.0	19.9
4 21	16 14.43	−18 48.1	1.253	2.160	15.1	19.7
5 1	16 8.68	−18 16.4	1.204	2.167	10.5	19.4
5 11	16 0.52	−17 39.5	1.176	2.175	5.3	19.2
5 21	15 51.13	−17 0.8	1.171	2.183	1.5	18.9
5 31	15 41.93	−16 25.1	1.192	2.192	6.0	19.3
6 10	15 34.29	−15 57.5	1.236	2.201	11.0	19.6
6 20	15 29.12	−15 41.4	1.301	2.210	15.3	19.8

381409 2008 HM_{47} 5 20.9 200°.74 2°.6/18.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 8.40	− 5 34.9	5.014	5.796	6.7	20.7
4 21	16 5.09	− 5 19.9	4.922	5.794	5.4	20.6
5 1	16 0.95	− 5 6.9	4.855	5.792	4.0	20.5
5 11	15 56.23	− 4 57.3	4.815	5.790	2.9	20.4
5 21	15 51.20	− 4 52.0	4.805	5.787	2.6	20.4
5 31	15 46.19	− 4 52.0	4.824	5.785	3.5	20.5
6 10	15 41.50	− 4 57.8	4.871	5.782	4.8	20.6
6 20	15 37.39	− 5 9.6	4.944	5.780	6.2	20.7

429544 2011 CM_{9} 5 20.9 127°.43 2°.0/19.8 17 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 20.85	−15 55.9	2.075	2.871	14.3	22.3
4 21	16 16.09	−15 32.4	1.999	2.886	11.3	22.1
5 1	16 9.10	−15 5.9	1.945	2.900	7.8	21.9
5 11	16 0.51	−14 38.3	1.917	2.913	4.1	21.7
5 21	15 51.14	−14 12.0	1.917	2.926	2.1	21.6
5 31	15 41.94	−13 49.8	1.945	2.938	4.9	21.8
6 10	15 33.82	−13 34.4	2.000	2.950	8.5	22.0
6 20	15 27.43	−13 27.5	2.080	2.961	11.7	22.3

468692 2009 UC_{65} 5 20.9 323°.26 2°.7/19.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 17.04	−15 21.6	1.575	2.399	16.9	21.6
4 21	16 14.08	−14 59.6	1.490	2.392	13.5	21.3
5 1	16 8.31	−14 34.2	1.425	2.386	9.5	21.1
5 11	16 0.35	−14 8.1	1.383	2.380	5.1	20.8
5 21	15 51.14	−13 44.3	1.366	2.375	2.7	20.6
5 31	15 41.92	−13 26.5	1.375	2.369	6.2	20.8
6 10	15 33.89	−13 18.1	1.407	2.364	10.7	21.1
6 20	15 27.97	−13 21.1	1.462	2.360	14.7	21.3

368424 2002 TR_{364} 5 20.9 284°.29 2°.0/20.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 18.73	−16 48.5	1.626	2.443	16.8	21.4
4 21	16 15.61	−16 31.8	1.524	2.422	13.5	21.1
5 1	16 9.56	−16 10.5	1.441	2.401	9.5	20.8
5 11	16 1.11	−15 46.3	1.382	2.379	5.0	20.5
5 21	15 51.15	−15 21.9	1.348	2.358	2.1	20.3
5 31	15 40.92	−15 0.6	1.340	2.337	6.0	20.5
6 10	15 31.75	−14 46.4	1.357	2.315	10.8	20.7
6 20	15 24.70	−14 42.3	1.395	2.293	15.3	20.9

501631 2014 SS_{208} 5 20.9 253°.66 4°.4/19.0 17

4 11	16 19.95	−11 50.2	1.644	2.460	16.7	21.2
4 21	16 16.32	−11 13.6	1.551	2.447	13.4	21.0
5 1	16 9.87	−10 35.5	1.478	2.434	9.6	20.7
5 11	16 1.18	− 9 59.4	1.429	2.421	5.9	20.5
5 21	15 51.16	− 9 29.7	1.405	2.407	4.5	20.3
5 31	15 41.01	− 9 10.5	1.407	2.393	7.4	20.5
6 10	15 31.97	− 9 5.1	1.434	2.378	11.6	20.7
6 20	15 25.01	− 9 14.8	1.482	2.364	15.5	20.9

193268 2000 SQ_{174} 5 20.9 137°.67 1°.3/22.2 18

4 11	16 13.26	−27 46.6	3.993	4.750	8.7	21.1
4 21	16 9.18	−27 38.2	3.902	4.760	6.9	21.0
5 1	16 3.88	−27 23.6	3.835	4.771	5.0	20.8
5 11	15 57.75	−27 3.1	3.795	4.781	2.9	20.7
5 21	15 51.21	−26 37.4	3.784	4.791	1.4	20.6
5 31	15 44.74	−26 7.6	3.804	4.801	2.4	20.7
6 10	15 38.80	−25 35.8	3.853	4.811	4.5	20.8
6 20	15 33.77	−25 3.9	3.929	4.820	6.4	21.0

478274 2011 VT_{8} 5 20.9 219°.07 3°.0/19.2 18

4 11	16 17.52	−10 5.1	2.697	3.487	11.5	22.4
4 21	16 13.09	− 9 53.2	2.599	3.480	9.2	22.2
5 1	16 6.90	− 9 42.7	2.525	3.473	6.6	22.0
5 11	15 59.41	− 9 35.3	2.477	3.465	4.1	21.8
5 21	15 51.19	− 9 32.9	2.458	3.457	3.1	21.8
5 31	15 42.94	− 9 36.9	2.467	3.449	5.0	21.9
6 10	15 35.36	− 9 48.6	2.504	3.441	7.7	22.0
6 20	15 29.02	−10 8.3	2.567	3.432	10.3	22.2

154363 2002 XB_{61} 5 20.9 285°.00 0°.3/20.9 16

4 11	16 20.06	−21 14.7	1.349	2.172	19.2	20.1
4 21	16 17.49	−21 18.1	1.251	2.152	15.6	19.8
5 1	16 11.38	−21 13.9	1.172	2.132	11.1	19.5
5 11	16 2.25	−21 1.7	1.113	2.111	5.8	19.1
5 21	15 51.14	−20 42.3	1.079	2.091	0.3	18.6
5 31	15 39.64	−20 18.4	1.068	2.070	6.0	19.0
6 10	15 29.44	−19 55.1	1.081	2.049	11.8	19.2
6 20	15 21.92	−19 37.7	1.115	2.029	17.0	19.5

301002 2008 GQ_{98} 5 20.9 17°.58 2°.3/18.5 18

4 11	16 8.36	−11 38.7	3.743	4.539	8.5	19.9
4 21	16 5.38	−11 1.7	3.657	4.543	6.7	19.8
5 1	16 1.30	−10 24.1	3.596	4.547	4.7	19.7
5 11	15 56.46	− 9 48.0	3.562	4.551	3.0	19.6
5 21	15 51.23	− 9 15.2	3.557	4.555	2.4	19.5
5 31	15 46.05	− 8 47.4	3.581	4.559	3.8	19.6
6 10	15 41.33	− 8 26.2	3.632	4.563	5.7	19.8
6 20	15 37.41	− 8 12.3	3.709	4.568	7.6	19.9

501204 2013 TE_{136} 5 20.9 143°.55 4°.5/23.5 17

4 11	16 23.52	−34 11.9	2.391	3.134	14.1	22.3
4 21	16 18.38	−34 38.2	2.304	3.145	11.7	22.1
5 1	16 10.82	−34 52.7	2.239	3.155	9.0	22.0
5 11	16 1.46	−34 52.8	2.197	3.165	6.3	21.8
5 21	15 51.16	−34 37.6	2.183	3.174	4.6	21.7
5 31	15 40.96	−34 8.2	2.197	3.182	5.2	21.8
6 10	15 31.86	−33 28.3	2.239	3.190	7.6	21.9
6 20	15 24.61	−32 42.9	2.306	3.197	10.3	22.1

117448 2005 AY_{46} 5 20.9 49°.21 2°.1/20.0 17

4 11	16 19.00	−17 33.4	1.291	2.123	19.4	19.6
4 21	16 15.95	−17 6.7	1.230	2.136	15.4	19.3
5 1	16 9.66	−16 34.2	1.187	2.150	10.6	19.1
5 11	16 0.99	−15 58.8	1.167	2.165	5.5	18.9
5 21	15 51.17	−15 24.3	1.170	2.180	2.2	18.7
5 31	15 41.66	−14 55.2	1.198	2.195	6.4	19.0
6 10	15 33.80	−14 36.0	1.249	2.211	11.2	19.3
6 20	15 28.48	−14 29.2	1.321	2.227	15.4	19.6

214396 2005 NF_{14} 5 20.9 157°.37 0°.7/20.4 17

4 11	16 16.04	−19 28.3	2.476	3.268	12.4	21.4
4 21	16 12.11	−19 10.1	2.386	3.271	9.8	21.2
5 1	16 6.29	−18 47.0	2.319	3.273	6.8	21.0
5 11	15 59.10	−18 20.4	2.278	3.275	3.4	20.8
5 21	15 51.20	−17 51.8	2.265	3.277	0.7	20.6
5 31	15 43.35	−17 23.8	2.281	3.279	3.8	20.8
6 10	15 36.31	−16 59.1	2.325	3.280	7.1	21.0
6 20	15 30.68	−16 39.9	2.393	3.282	10.1	21.2

453566 2010 CQ_{3} 5 20.9 32°.98 3°.6/19.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 18.36	−14 28.6	1.077	1.925	21.4	21.0
4 21	16 16.06	−14 7.6	1.018	1.933	17.0	20.8
5 1	16 10.10	−13 44.3	0.976	1.942	11.9	20.5
5 11	16 1.35	−13 22.7	0.954	1.952	6.5	20.2
5 21	15 51.17	−13 6.6	0.955	1.963	3.6	20.1
5 31	15 41.25	−13 0.2	0.978	1.974	7.7	20.4
6 10	15 33.19	−13 6.6	1.023	1.987	12.8	20.7
6 20	15 28.00	−13 26.6	1.087	1.999	17.5	21.0

316021 2009 FP_{30} 5 20.9 79°.89 6°.3/23.4 18

4 11	16 26.04	−33 17.6	1.489	2.268	19.7	20.7
4 21	16 21.82	−34 12.1	1.421	2.284	16.4	20.5
5 1	16 13.96	−34 51.7	1.371	2.300	12.7	20.3
5 11	16 3.29	−35 11.3	1.343	2.316	8.9	20.2
5 21	15 51.14	−35 8.0	1.339	2.332	6.4	20.1
5 31	15 39.22	−34 43.0	1.360	2.347	7.4	20.2
6 10	15 29.13	−34 2.1	1.405	2.363	10.6	20.4
6 20	15 21.94	−33 13.6	1.472	2.378	14.1	20.6

173098 2007 TO_{129} 5 20.9 271°.33 1°.1/20.2 17

4 11	16 16.11	−19 17.4	2.098	2.901	14.0	20.6
4 21	16 12.61	−18 48.2	2.004	2.894	11.1	20.4
5 1	16 6.89	−18 12.5	1.931	2.887	7.7	20.2
5 11	15 59.50	−17 32.3	1.883	2.880	3.9	19.9
5 21	15 51.20	−16 49.9	1.862	2.873	1.2	19.7
5 31	15 42.90	−16 9.0	1.869	2.866	4.6	19.9
6 10	15 35.53	−15 33.1	1.903	2.859	8.4	20.2
6 20	15 29.78	−15 5.5	1.961	2.852	11.8	20.4

295060 2008 EL_{118} 5 20.9 91°.26 5°.3/17.3 17

4 11	16 15.88	− 5 3.5	2.526	3.320	12.1	20.9
4 21	16 11.62	− 4 3.9	2.466	3.343	9.8	20.8
5 1	16 5.72	− 3 7.7	2.429	3.366	7.4	20.7
5 11	15 58.72	− 2 18.7	2.418	3.388	5.7	20.6
5 21	15 51.22	− 1 40.4	2.435	3.410	5.4	20.6
5 31	15 43.91	− 1 15.3	2.480	3.432	6.8	20.8
6 10	15 37.44	− 1 4.6	2.550	3.453	9.0	20.9
6 20	15 32.27	− 1 8.1	2.644	3.475	11.1	21.1

181832 1998 SZ_{87} 5 20.9 249°.35 2°.7/22.1 17

4 11	16 22.34	−27 33.6	1.987	2.766	15.5	21.1
4 21	16 18.12	−27 48.5	1.878	2.749	12.7	20.8
5 1	16 11.11	−27 53.9	1.789	2.731	9.3	20.6
5 11	16 1.84	−27 47.9	1.725	2.713	5.6	20.3
5 21	15 51.17	−27 29.7	1.687	2.694	2.7	20.1
5 31	15 40.28	−27 0.6	1.676	2.674	4.8	20.2
6 10	15 30.40	−26 24.6	1.692	2.654	8.8	20.4
6 20	15 22.52	−25 46.6	1.733	2.633	12.7	20.5

176504 2001 YV_{24} 5 20.9 162°.45 0°.3/21.1 17

4 11	16 17.32	−22 3.4	2.651	3.433	11.9	21.8
4 21	16 13.02	−21 57.2	2.559	3.437	9.5	21.6
5 1	16 6.87	−21 45.6	2.491	3.440	6.6	21.5
5 11	15 59.39	−21 28.9	2.448	3.444	3.4	21.3
5 21	15 51.21	−21 8.1	2.434	3.447	0.3	21.0
5 31	15 43.08	−20 45.3	2.450	3.449	3.4	21.3
6 10	15 35.73	−20 22.8	2.493	3.451	6.6	21.5
6 20	15 29.74	−20 3.1	2.562	3.453	9.4	21.7

41035 1999 UT_{50} 5 20.9 353°.19 3°.7/19.1 18

4 11	16 15.46	−13 30.6	1.695	2.517	16.0	18.4
4 21	16 12.51	−12 50.5	1.614	2.515	12.7	18.2
5 1	16 7.02	−12 7.7	1.554	2.513	9.0	18.0
5 11	15 59.63	−11 25.9	1.517	2.512	5.2	17.7
5 21	15 51.21	−10 49.0	1.506	2.511	3.8	17.6
5 31	15 42.85	−10 21.3	1.521	2.510	6.6	17.8
6 10	15 35.61	−10 5.9	1.561	2.510	10.5	18.0
6 20	15 30.27	−10 4.5	1.623	2.510	14.1	18.3

316909 2000 TK_{54} 5 20.9 217°.94 3°.6/19.3 17

4 11	16 21.96	−12 12.4	1.892	2.694	15.3	21.6
4 21	16 17.47	−11 45.4	1.798	2.686	12.3	21.4
5 1	16 10.43	−11 17.4	1.724	2.677	8.8	21.1
5 11	16 1.38	−10 51.3	1.676	2.668	5.2	20.9
5 21	15 51.19	−10 30.0	1.654	2.657	3.7	20.8
5 31	15 40.93	−10 16.7	1.660	2.646	6.4	20.9
6 10	15 31.68	−10 14.1	1.692	2.635	10.2	21.1
6 20	15 24.31	−10 23.3	1.747	2.622	13.9	21.3

361086 2006 BL_{185} 5 20.9 231°.86 1°.3/20.3 16

4 11	16 23.07	−18 15.9	1.784	2.584	16.1	22.1
4 21	16 18.72	−18 0.3	1.683	2.571	13.0	21.8
5 1	16 11.52	−17 39.2	1.602	2.558	9.1	21.6
5 11	16 2.04	−17 13.8	1.546	2.543	4.7	21.3
5 21	15 51.18	−16 46.0	1.517	2.528	1.4	21.0
5 31	15 40.16	−16 19.1	1.515	2.512	5.4	21.2
6 10	15 30.22	−15 56.9	1.539	2.495	10.0	21.5
6 20	15 22.35	−15 42.9	1.586	2.477	14.2	21.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
505919 2015 ES_{46}			5 20.9	15°.18	3°.4/22.4 17	
	h m	° ′			°	m
4 11	16 17.86	−28 15.8	1.600	2.402	17.7	21.3
4 21	16 14.94	−28 38.0	1.521	2.404	14.4	21.1
5 1	16 9.01	−28 48.6	1.461	2.407	10.6	20.9
5 11	16 0.74	−28 45.6	1.423	2.411	6.5	20.7
5 21	15 51.20	−28 28.6	1.409	2.415	3.5	20.5
5 31	15 41.72	−27 59.7	1.421	2.420	5.4	20.6
6 10	15 33.62	−27 23.8	1.458	2.425	9.4	20.9
6 20	15 27.84	−26 46.6	1.517	2.431	13.3	21.1
367133 2006 SQ_{403}			5 20.9	173°.56	1°.6/21.8 17	
4 11	16 22.04	−27 0.0	2.103	2.880	14.8	21.8
4 21	16 17.33	−26 44.9	2.012	2.883	11.9	21.6
5 1	16 10.16	−26 18.8	1.942	2.886	8.5	21.4
5 11	16 1.15	−25 41.4	1.897	2.888	4.8	21.2
5 21	15 51.20	−24 54.0	1.879	2.889	1.7	21.0
5 31	15 41.35	−23 59.8	1.890	2.890	4.2	21.2
6 10	15 32.63	−23 3.6	1.929	2.890	7.9	21.4
6 20	15 25.79	−22 10.5	1.992	2.889	11.4	21.6
110627 2001 TP_{160}			5 20.9	167°.93	0°.1/20.9 18	
4 11	16 17.06	−21 48.0	2.599	3.384	12.1	20.6
4 21	16 12.84	−21 35.3	2.507	3.387	9.6	20.5
5 1	16 6.77	−21 16.8	2.438	3.389	6.7	20.3
5 11	15 59.35	−20 53.2	2.396	3.391	3.4	20.1
5 21	15 51.23	−20 25.8	2.381	3.393	0.1	19.8
5 31	15 43.15	−19 56.8	2.395	3.395	3.5	20.1
6 10	15 35.88	−19 29.0	2.438	3.396	6.7	20.3
6 20	15 29.97	−19 4.9	2.506	3.397	9.6	20.5
107275 2001 BZ_{71}			5 20.9	0°.62	5°.4/18.8 17	
4 11	16 10.53	−13 4.4	1.061	1.924	20.6	19.0
4 21	16 9.96	−12 10.6	0.996	1.920	16.5	18.7
5 1	16 5.96	−11 12.9	0.949	1.918	11.8	18.4
5 11	15 59.32	−10 17.9	0.921	1.918	7.2	18.2
5 21	15 51.22	− 9 32.6	0.915	1.919	5.6	18.1
5 31	15 43.24	− 9 3.8	0.930	1.922	9.1	18.3
6 10	15 36.87	− 8 55.7	0.966	1.926	13.9	18.5
6 20	15 33.14	− 9 9.1	1.019	1.932	18.4	18.8
398596 2011 WM_{95}			5 20.9	301°.91	1°.5/21.4 18	
4 11	16 19.19	−22 47.2	2.189	2.977	13.9	20.8
4 21	16 15.19	−23 20.4	2.087	2.967	11.2	20.6
5 1	16 8.83	−23 49.7	2.008	2.956	8.0	20.3
5 11	16 0.58	−24 13.8	1.953	2.946	4.4	20.1
5 21	15 51.21	−24 32.0	1.926	2.936	1.5	19.9
5 31	15 41.68	−24 44.4	1.926	2.926	4.1	20.0
6 10	15 33.00	−24 52.6	1.954	2.916	7.8	20.2
6 20	15 25.98	−24 59.2	2.007	2.906	11.2	20.4
395239 2010 NX_{36}			5 20.9	278°.33	0°.2/20.8 15	
4 11	16 18.36	−19 17.3	2.586	3.371	12.1	21.7
4 21	16 14.16	−19 23.0	2.464	3.344	9.7	21.5
5 1	16 7.94	−19 25.4	2.364	3.315	6.8	21.3
5 11	16 0.09	−19 25.0	2.291	3.287	3.5	21.0
5 21	15 51.23	−19 22.2	2.246	3.258	0.3	20.7
5 31	15 42.13	−19 18.2	2.230	3.228	3.8	20.9
6 10	15 33.65	−19 14.9	2.242	3.198	7.3	21.1
6 20	15 26.49	−19 14.4	2.280	3.168	10.5	21.3
7549 Woodard			5 20.9	192°.47	1°.0/20.2 18	
4 11	16 16.10	−19 34.0	2.486	3.279	12.3	18.4
4 21	16 12.15	−18 57.9	2.393	3.278	9.8	18.2
5 1	16 6.33	−18 15.8	2.322	3.276	6.7	18.0
5 11	15 59.14	−17 29.5	2.278	3.275	3.4	17.8
5 21	15 51.25	−16 41.4	2.262	3.273	1.1	17.6
5 31	15 43.41	−15 54.6	2.275	3.271	4.0	17.8
6 10	15 36.38	−15 12.6	2.316	3.269	7.3	18.0
6 20	15 30.75	−14 38.0	2.382	3.266	10.3	18.2
292737 2006 UG_{167}			5 20.9	61°.59	1°.0/20.4 17	
4 11	16 16.84	−17 54.3	2.193	2.993	13.5	21.3
4 21	16 13.02	−17 46.9	2.107	2.996	10.7	21.1
5 1	16 7.09	−17 35.9	2.043	2.998	7.4	20.9
5 11	15 59.59	−17 22.6	2.004	3.000	3.8	20.6
5 21	15 51.25	−17 8.4	1.992	3.003	1.0	20.4
5 31	15 42.96	−16 55.5	2.008	3.005	4.2	20.7
6 10	15 35.58	−16 46.2	2.051	3.008	7.8	20.9
6 20	15 29.76	−16 42.5	2.119	3.011	11.1	21.1
74864 1999 TF_{91}			5 20.9	332°.03	6°.6/21.9 18	
4 11	16 15.69	−27 40.0	1.132	1.966	21.5	18.9
4 21	16 15.04	−29 6.5	1.043	1.944	18.0	18.6
5 1	16 10.38	−30 28.1	0.971	1.924	13.8	18.2
5 11	16 2.08	−31 38.8	0.918	1.905	9.3	17.9
5 21	15 51.21	−32 31.9	0.886	1.887	6.6	17.7
5 31	15 39.64	−33 3.2	0.876	1.871	8.7	17.8
6 10	15 29.58	−33 14.2	0.886	1.856	13.4	18.0
6 20	15 22.80	−33 11.1	0.914	1.843	18.3	18.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
111558 Barrett			5 20.9	124°.47	3°.9/18.8 18	
	h m	° ′			°	m
4 11	16 16.36	− 8 27.1	2.415	3.213	12.5	20.0
4 21	16 12.31	− 8 3.7	2.333	3.217	10.0	19.8
5 1	16 6.41	− 7 42.4	2.274	3.221	7.3	19.7
5 11	15 59.18	− 7 25.9	2.240	3.225	4.8	19.5
5 21	15 51.26	− 7 16.5	2.234	3.229	4.0	19.5
5 31	15 43.41	− 7 16.1	2.256	3.232	5.8	19.6
6 10	15 36.34	− 7 25.9	2.304	3.236	8.5	19.7
6 20	15 30.65	− 7 46.1	2.377	3.239	11.1	19.9
152353 2005 UZ_{114}			5 20.9	187°.80	0°.8/20.4 18	
4 11	16 17.05	−17 30.4	2.862	3.647	11.1	20.6
4 21	16 12.65	−17 29.8	2.766	3.646	8.8	20.4
5 1	16 6.58	−17 26.7	2.694	3.645	6.1	20.2
5 11	15 59.26	−17 22.0	2.648	3.644	3.1	20.0
5 21	15 51.27	−17 16.7	2.631	3.642	0.8	19.8
5 31	15 43.27	−17 12.0	2.644	3.641	3.4	20.1
6 10	15 35.95	−17 9.5	2.685	3.638	6.4	20.2
6 20	15 29.83	−17 10.6	2.753	3.636	9.1	20.4
443131 2014 BL_{9}			5 20.9	312°.45	20°.0/27.4 18	
4 11	16 30.93	−52 15.6	1.163	1.889	27.0	20.7
4 21	16 30.18	−54 58.0	1.095	1.883	25.1	20.5
5 1	16 23.01	−57 17.2	1.039	1.877	23.1	20.3
5 11	16 9.42	−58 57.2	0.998	1.872	21.3	20.2
5 21	15 51.13	−59 42.1	0.971	1.867	20.2	20.1
5 31	15 31.92	−59 22.9	0.961	1.862	20.0	20.1
6 10	15 16.16	−58 5.2	0.967	1.857	21.0	20.1
6 20	15 6.62	−56 5.1	0.988	1.853	22.7	20.2
120745 1997 WR_{9}			5 20.9	204°.31	1°.0/20.4 18	
4 11	16 20.23	−18 32.5	2.200	2.992	13.7	21.3
4 21	16 15.76	−18 16.7	2.103	2.987	10.9	21.1
5 1	16 9.05	−17 56.1	2.029	2.982	7.6	20.9
5 11	16 0.64	−17 31.9	1.980	2.977	3.9	20.6
5 21	15 51.28	−17 6.0	1.959	2.970	1.0	20.4
5 31	15 41.91	−16 40.8	1.967	2.964	4.4	20.6
6 10	15 33.45	−16 19.4	2.002	2.956	8.2	20.8
6 20	15 26.63	−16 4.4	2.062	2.948	11.6	21.0
186824 2004 FC_{35}			5 20.9	327°.37	0°.1/20.9 17	
4 11	16 16.86	−22 35.1	1.509	2.328	17.7	20.2
4 21	16 14.23	−22 16.1	1.423	2.322	14.2	19.9
5 1	16 8.59	−21 46.6	1.357	2.316	10.0	19.6
5 11	16 0.60	−21 7.5	1.313	2.310	5.2	19.3
5 21	15 51.28	−20 21.4	1.293	2.305	0.1	18.9
5 31	15 41.97	−19 32.5	1.299	2.300	5.3	19.3
6 10	15 33.97	−18 46.9	1.329	2.296	10.2	19.6
6 20	15 28.27	−18 9.6	1.381	2.292	14.6	19.8
430677 2003 VV_{4}			5 20.9	288°.48	1°.4/21.4 17	
4 11	16 19.56	−22 55.5	1.931	2.727	15.3	21.1
4 21	16 15.89	−23 19.6	1.828	2.712	12.3	20.8
5 1	16 9.56	−23 38.6	1.746	2.697	8.8	20.6
5 11	16 1.08	−23 51.3	1.688	2.682	4.8	20.3
5 21	15 51.28	−23 57.2	1.657	2.667	1.4	20.0
5 31	15 41.26	−23 57.1	1.652	2.652	4.5	20.2
6 10	15 32.20	−23 53.3	1.674	2.638	8.7	20.4
6 20	15 25.04	−23 49.2	1.720	2.623	12.6	20.6
350959 2003 AR_{69}			5 20.9	213°.27	0°.2/20.8 18	
4 11	16 17.92	−20 44.8	3.278	4.050	10.1	23.7
4 21	16 13.17	−20 31.0	3.167	4.039	8.0	23.5
5 1	16 6.86	−20 12.7	3.080	4.028	5.6	23.3
5 11	15 59.41	−19 50.5	3.021	4.016	2.8	23.1
5 21	15 51.31	−19 25.4	2.991	4.004	0.2	22.8
5 31	15 43.19	−18 59.1	2.992	3.990	3.0	23.1
6 10	15 35.64	−18 33.8	3.023	3.976	5.8	23.3
6 20	15 29.18	−18 11.5	3.081	3.961	8.3	23.4
61789 2000 QM_{182}			5 20.9	108°.35	0°.0/20.9 18	
4 11	16 16.40	−21 59.5	2.593	3.378	12.1	19.2
4 21	16 12.27	−21 41.8	2.511	3.391	9.6	19.1
5 1	16 6.34	−21 18.0	2.452	3.402	6.6	18.9
5 11	15 59.14	−20 49.2	2.418	3.414	3.4	18.7
5 21	15 51.32	−20 16.9	2.414	3.426	0.0	18.4
5 31	15 43.61	−19 43.4	2.438	3.437	3.4	18.7
6 10	15 36.74	−19 11.7	2.490	3.448	6.6	19.0
6 20	15 31.24	−18 44.3	2.568	3.459	9.4	19.2
512247 2016 BY_{9}			5 20.9	351°.87	4°.3/22.8 17	
4 11	16 18.25	−30 15.6	1.357	2.166	19.9	21.0
4 21	16 15.98	−30 33.1	1.277	2.163	16.4	20.8
5 1	16 10.16	−30 34.8	1.214	2.161	12.2	20.5
5 11	16 1.53	−30 17.9	1.172	2.159	7.7	20.3
5 21	15 51.29	−29 41.8	1.153	2.158	4.5	20.1
5 31	15 41.09	−28 49.4	1.158	2.157	6.3	20.2
6 10	15 32.52	−27 48.1	1.186	2.157	10.7	20.4
6 20	15 26.72	−26 46.1	1.236	2.157	15.1	20.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
379132 2009 CX_{42}			5 20.9 160°.28	2°.7/19.4 18		
	h m	° ′			°	m
4 11	16 18.87	−12 4.5	2.566	3.355	12.1	21.8
4 21	16 14.17	−11 44.8	2.480	3.362	9.6	21.6
5 1	16 7.66	−11 25.0	2.418	3.368	6.8	21.5
5 11	15 59.83	−11 6.9	2.382	3.373	4.0	21.3
5 21	15 51.32	−10 52.6	2.375	3.378	2.8	21.2
5 31	15 42.88	−10 44.0	2.397	3.382	4.8	21.4
6 10	15 35.23	−10 42.7	2.447	3.386	7.7	21.5
6 20	15 28.94	−10 49.5	2.522	3.389	10.4	21.7
32726 Chromios			5 20.9 124°.39	0°.4/20.5 18		
4 11	16 9.15	−18 52.3	4.489	5.270	7.4	19.5
4 21	16 5.88	−18 45.6	4.392	5.271	5.8	19.4
5 1	16 1.62	−18 36.6	4.320	5.272	4.0	19.3
5 11	15 56.67	−18 26.2	4.276	5.272	2.0	19.1
5 21	15 51.36	−18 14.9	4.261	5.273	0.4	18.9
5 31	15 46.06	−18 3.9	4.276	5.274	2.2	19.1
6 10	15 41.15	−17 54.2	4.320	5.274	4.2	19.3
6 20	15 36.93	−17 46.8	4.391	5.275	6.0	19.4
4702 Berounka			5 20.9 74°.06	3°.5/22.4 18		
4 11	16 21.56	−28 33.2	1.939	2.718	15.8	17.0
4 21	16 17.33	−29 10.6	1.858	2.728	12.9	16.8
5 1	16 10.40	−29 38.8	1.799	2.737	9.5	16.6
5 11	16 1.41	−29 55.4	1.763	2.746	6.0	16.4
5 21	15 51.31	−29 59.1	1.753	2.756	3.6	16.3
5 31	15 41.26	−29 50.9	1.770	2.765	5.1	16.4
6 10	15 32.41	−29 33.9	1.814	2.774	8.4	16.6
6 20	15 25.62	−29 12.7	1.882	2.784	11.7	16.8
331927 2004 RU_{327}			5 20.9 262°.70	4°.0/23.4 18		
4 11	16 20.25	−33 51.0	1.995	2.759	15.9	20.7
4 21	16 16.45	−33 38.7	1.889	2.746	13.2	20.4
5 1	16 9.90	−33 9.8	1.803	2.732	10.1	20.2
5 11	16 1.20	−32 22.2	1.740	2.718	6.7	20.0
5 21	15 51.31	−31 15.9	1.704	2.704	4.1	19.8
5 31	15 41.41	−29 54.2	1.695	2.690	5.2	19.8
6 10	15 32.70	−28 23.6	1.713	2.675	8.6	20.0
6 20	15 26.07	−26 51.7	1.755	2.661	12.3	20.2
176510 2001 YW_{50}			5 20.9 80°.07	0°.6/20.6 17		
4 11	16 17.69	−18 28.7	2.263	3.059	13.3	20.8
4 21	16 13.57	−18 27.7	2.184	3.070	10.5	20.6
5 1	16 7.40	−18 23.3	2.126	3.080	7.3	20.4
5 11	15 59.75	−18 16.3	2.094	3.091	3.7	20.2
5 21	15 51.33	−18 7.9	2.090	3.102	0.7	20.0
5 31	15 43.01	−17 59.7	2.114	3.112	4.0	20.3
6 10	15 35.60	−17 54.1	2.165	3.123	7.4	20.5
6 20	15 29.75	−17 52.7	2.241	3.133	10.5	20.7
474214 2000 UA_{16}			5 20.9 221°.31	0°.8/21.3 18		
4 11	16 19.65	−22 25.4	3.084	3.852	10.7	22.1
4 21	16 14.74	−22 42.7	2.973	3.841	8.6	22.0
5 1	16 8.08	−22 56.2	2.885	3.830	6.1	21.8
5 11	16 0.10	−23 5.5	2.825	3.818	3.2	21.6
5 21	15 51.33	−23 10.5	2.795	3.806	0.8	21.4
5 31	15 42.46	−23 11.8	2.794	3.793	3.1	21.5
6 10	15 34.18	−23 11.0	2.823	3.780	6.0	21.7
6 20	15 27.09	−23 9.8	2.879	3.766	8.7	21.9
141453 2002 CE_{87}			5 20.9 212°.43	1°.0/20.5 17		
4 11	16 21.23	−19 7.5	1.625	2.435	17.1	20.9
4 21	16 17.42	−18 52.5	1.538	2.432	13.6	20.6
5 1	16 10.67	−18 31.2	1.471	2.428	9.5	20.4
5 11	16 1.64	−18 4.8	1.427	2.425	4.9	20.1
5 21	15 51.31	−17 35.6	1.409	2.420	1.1	19.8
5 31	15 40.97	−17 7.1	1.417	2.416	5.4	20.1
6 10	15 31.90	−16 43.5	1.451	2.411	10.1	20.4
6 20	15 25.05	−16 28.3	1.507	2.406	14.3	20.6
180094 2003 EA_{42}			5 20.9 154°.56	4°.2/23.3 18		
4 11	16 20.66	−33 18.4	2.530	3.278	13.3	21.0
4 21	16 16.10	−33 50.8	2.438	3.282	11.1	20.8
5 1	16 9.29	−34 13.0	2.367	3.286	8.5	20.6
5 11	16 0.78	−34 22.7	2.321	3.289	6.0	20.5
5 21	15 51.33	−34 18.8	2.302	3.292	4.3	20.4
5 31	15 41.88	−34 1.9	2.310	3.295	5.0	20.4
6 10	15 33.36	−33 34.9	2.346	3.298	7.3	20.6
6 20	15 26.50	−33 1.8	2.408	3.300	9.9	20.7
66658 1999 ST_{26}			5 20.9 169°.42	4°.0/18.5 18		
4 11	16 18.74	− 8 15.3	2.591	3.380	12.0	19.8
4 21	16 14.03	− 7 42.3	2.506	3.384	9.6	19.7
5 1	16 7.54	− 7 10.8	2.445	3.388	7.0	19.5
5 11	15 59.78	− 6 43.6	2.410	3.392	4.7	19.4
5 21	15 51.36	− 6 23.2	2.403	3.394	4.1	19.3
5 31	15 43.00	− 6 12.0	2.425	3.397	5.8	19.4
6 10	15 35.41	− 6 11.3	2.474	3.398	8.3	19.6
6 20	15 29.14	− 6 21.4	2.548	3.399	10.8	19.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
213039 1998 GV_2			5 20.9 105°.01	5°.8/23.4 18		
	h m	° ′			°	m
4 11	16 28.38	−36 3.9	2.541	3.263	13.9	20.2
4 21	16 22.34	−37 18.8	2.460	3.281	11.7	20.0
5 1	16 13.72	−38 23.6	2.402	3.299	9.3	19.9
5 11	16 3.09	−39 14.0	2.369	3.317	7.1	19.8
5 21	15 51.32	−39 46.9	2.363	3.334	5.8	19.7
5 31	15 39.50	−40 1.4	2.385	3.350	6.3	19.8
6 10	15 28.74	−39 59.9	2.435	3.367	8.1	19.9
6 20	15 19.89	−39 46.6	2.511	3.383	10.3	20.1
430094 2013 SL_{64}			5 20.9 208°.30	2°.1/19.6 18		
4 11	16 18.76	−16 41.9	2.254	3.049	13.4	21.7
4 21	16 14.50	−16 2.9	2.158	3.044	10.6	21.5
5 1	16 8.13	−15 19.0	2.084	3.038	7.4	21.2
5 11	16 0.17	−14 32.5	2.036	3.031	4.0	21.0
5 21	15 51.35	−13 46.3	2.016	3.024	2.1	20.9
5 31	15 42.55	−13 3.8	2.025	3.017	4.9	21.0
6 10	15 34.62	−12 28.7	2.061	3.008	8.4	21.2
6 20	15 28.24	−12 3.3	2.122	3.000	11.7	21.4
356712 2011 UC_{160}			5 20.9 162°.15	0°.2/20.7 18		
4 11	16 17.28	−23 49.0	2.833	3.608	11.4	21.2
4 21	16 12.79	−22 54.5	2.738	3.612	9.0	21.1
5 1	16 6.62	−21 51.2	2.667	3.616	6.3	20.9
5 11	15 59.27	−20 40.8	2.624	3.620	3.2	20.7
5 21	15 51.37	−19 26.0	2.611	3.623	0.2	20.4
5 31	15 43.60	−18 10.5	2.628	3.626	3.3	20.7
6 10	15 36.62	−16 58.4	2.675	3.628	6.4	20.9
6 20	15 30.94	−15 53.3	2.748	3.631	9.2	21.1
504835 2010 OT_{25}			5 20.9 284°.06	4°.5/19.1 17		
4 11	16 20.11	−11 28.6	1.602	2.419	17.0	21.8
4 21	16 16.84	−10 58.2	1.494	2.391	13.8	21.6
5 1	16 10.59	−10 26.4	1.405	2.361	10.0	21.3
5 11	16 1.80	− 9 57.0	1.340	2.332	6.2	21.0
5 21	15 51.34	− 9 33.9	1.299	2.302	4.6	20.8
5 31	15 40.45	− 9 21.6	1.284	2.271	7.8	20.9
6 10	15 30.51	− 9 23.5	1.294	2.241	12.3	21.0
6 20	15 22.66	− 9 41.4	1.324	2.210	16.8	21.2
118458 1999 WY_{11}			5 20.9 330°.11	1°.2/20.5 16		
4 11	16 16.99	−18 49.7	1.143	1.987	20.7	19.8
4 21	16 15.30	−18 42.6	1.065	1.978	16.6	19.5
5 1	16 9.93	−18 28.5	1.003	1.970	11.7	19.2
5 11	16 1.54	−18 9.1	0.962	1.962	6.0	18.9
5 21	15 51.34	−17 46.8	0.943	1.955	1.2	18.5
5 31	15 41.03	−17 25.9	0.947	1.949	6.7	18.8
6 10	15 32.33	−17 11.5	0.973	1.943	12.5	19.1
6 20	15 26.50	−17 7.5	1.018	1.938	17.6	19.4
381586 2008 UZ_{300}			5 20.9 147°.85	2°.7/22.2 17		
4 11	16 20.61	−27 30.9	2.085	2.864	14.8	21.7
4 21	16 16.40	−27 54.2	1.996	2.867	12.1	21.5
5 1	16 9.69	−28 8.9	1.928	2.869	8.8	21.3
5 11	16 1.05	−28 13.3	1.885	2.872	5.3	21.1
5 21	15 51.36	−28 6.9	1.868	2.874	2.8	20.9
5 31	15 41.66	−27 50.9	1.879	2.876	4.5	21.1
6 10	15 33.04	−27 28.5	1.916	2.878	8.0	21.3
6 20	15 26.28	−27 3.9	1.978	2.879	11.3	21.5
185482 2007 CK_{38}			5 20.9 262°.64	2°.6/19.3 18		
4 11	16 15.38	−13 29.3	2.571	3.368	11.8	21.0
4 21	16 11.63	−13 0.9	2.466	3.353	9.4	20.8
5 1	16 6.07	−12 30.7	2.384	3.337	6.7	20.6
5 11	15 59.12	−12 0.6	2.328	3.321	3.8	20.4
5 21	15 51.39	−11 33.2	2.300	3.304	2.6	20.3
5 31	15 43.59	−11 10.9	2.300	3.288	4.8	20.4
6 10	15 36.46	−10 56.1	2.328	3.271	7.8	20.6
6 20	15 30.60	−10 50.3	2.381	3.254	10.7	20.7
206051 2002 QQ_{85}			5 20.9 237°.33	0°.9/21.5 18		
4 11	16 18.15	−24 39.7	2.305	3.089	13.4	21.5
4 21	16 14.17	−24 25.8	2.202	3.079	10.8	21.3
5 1	16 7.99	−24 3.4	2.121	3.069	7.7	21.1
5 11	16 0.16	−23 32.5	2.065	3.059	4.1	20.9
5 21	15 51.39	−22 54.4	2.037	3.049	0.9	20.6
5 31	15 42.59	−22 11.6	2.037	3.038	3.8	20.8
6 10	15 34.67	−21 28.1	2.065	3.027	7.5	21.0
6 20	15 28.34	−20 47.6	2.118	3.015	10.9	21.2
478182 2011 UJ_{208}			5 20.9 227°.26	3°.9/22.9 18		
4 11	16 20.58	−31 34.4	2.554	3.308	13.0	21.9
4 21	16 16.10	−32 10.4	2.452	3.302	10.8	21.7
5 1	16 9.37	−32 37.8	2.371	3.295	8.2	21.5
5 11	16 0.89	−32 54.3	2.315	3.289	5.6	21.4
5 21	15 51.39	−32 58.5	2.287	3.282	3.9	21.2
5 31	15 41.78	−32 50.6	2.287	3.275	4.8	21.3
6 10	15 33.00	−32 33.0	2.314	3.267	7.3	21.4
6 20	15 25.81	−32 9.3	2.367	3.260	10.0	21.6

131684 2001 XG_{197} 5 20.9 83°.27 1°.7/21.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 22.34	−26 33.6	1.451	2.256	19.0	19.6
4 21	16 18.50	−26 18.1	1.383	2.271	15.3	19.4
5 1	16 11.42	−25 48.6	1.334	2.286	10.8	19.2
5 11	16 1.97	−25 5.3	1.307	2.301	5.9	19.0
5 21	15 51.38	−24 10.4	1.305	2.316	1.7	18.7
5 31	15 41.13	−23 8.9	1.330	2.331	5.1	19.0
6 10	15 32.56	−22 7.9	1.379	2.346	9.8	19.3
6 20	15 26.55	−21 13.8	1.450	2.360	14.0	19.6

179641 2002 PJ_{121} 5 20.9 242°.53 1°.5/21.7 17

4 11	16 20.64	−25 53.9	1.833	2.624	16.1	20.7
4 21	16 16.85	−25 42.5	1.733	2.614	13.1	20.4
5 1	16 10.26	−25 19.8	1.654	2.603	9.4	20.2
5 11	16 1.47	−24 45.2	1.598	2.591	5.2	19.9
5 21	15 51.40	−23 59.9	1.568	2.579	1.5	19.6
5 31	15 41.27	−23 7.1	1.566	2.567	4.7	19.8
6 10	15 32.28	−22 12.3	1.590	2.554	9.1	20.1
6 20	15 25.36	−21 21.0	1.638	2.541	13.1	20.3

120990 1998 XP_{21} 5 20.9 145°.30 2°.8/19.8 18

4 11	16 22.79	−14 32.6	1.600	2.411	17.2	20.5
4 21	16 18.49	−14 12.7	1.523	2.418	13.7	20.3
5 1	16 11.30	−13 50.6	1.467	2.424	9.6	20.1
5 11	16 1.93	−13 28.8	1.434	2.429	5.3	19.8
5 21	15 51.40	−13 10.1	1.426	2.434	2.9	19.7
5 31	15 40.99	−12 57.8	1.446	2.439	6.2	19.9
6 10	15 31.91	−12 54.6	1.490	2.443	10.5	20.2
6 20	15 25.06	−13 2.1	1.558	2.447	14.5	20.4

484220 2007 DK_{96} 5 20.9 343°.74 24°.2/27.4 18

4 11	16 32.20	−54 40.9	1.021	1.751	29.8	20.9
4 21	16 33.20	−58 13.7	0.965	1.747	28.1	20.7
5 1	16 26.87	−61 22.0	0.919	1.743	26.5	20.5
5 11	16 12.41	−63 46.8	0.887	1.740	25.1	20.4
5 21	15 51.27	−65 8.4	0.867	1.737	24.3	20.3
5 31	15 28.31	−65 14.4	0.861	1.736	24.2	20.3
6 10	15 9.78	−64 9.9	0.867	1.734	24.9	20.3
6 20	14 59.58	−62 13.8	0.886	1.734	26.1	20.4

18238 Frankshu 5 20.9 316°.80 4°.0/22.8 18

4 11	16 18.59	−30 35.9	2.115	2.889	14.8	19.2
4 21	16 15.00	−31 10.9	2.018	2.881	12.2	19.0
5 1	16 8.87	−31 36.3	1.941	2.874	9.3	18.7
5 11	16 0.73	−31 49.7	1.888	2.867	6.2	18.5
5 21	15 51.41	−31 49.6	1.861	2.860	4.1	18.4
5 31	15 41.98	−31 36.6	1.861	2.853	5.2	18.5
6 10	15 33.54	−31 13.7	1.887	2.846	8.2	18.6
6 20	15 26.95	−30 45.3	1.938	2.840	11.4	18.8

425446 2010 EJ_{42} 5 20.9 88°.67 7°.4/16.9 17

4 11	16 17.06	− 1 52.6	1.988	2.790	14.7	21.0
4 21	16 13.16	− 0 48.5	1.924	2.801	12.1	20.9
5 1	16 7.15	+ 0 9.5	1.881	2.813	9.6	20.7
5 11	15 59.65	+ 0 55.9	1.863	2.824	7.7	20.7
5 21	15 51.43	+ 1 26.2	1.870	2.835	7.6	20.7
5 31	15 43.38	+ 1 37.4	1.902	2.846	9.1	20.8
6 10	15 36.34	+ 1 28.8	1.959	2.857	11.5	20.9
6 20	15 30.92	+ 1 1.8	2.038	2.868	13.9	21.1

143331 2003 AN_{65} 5 20.9 242°.57 3°.2/22.7 18

4 11	16 21.29	−30 36.4	2.782	3.532	12.2	20.8
4 21	16 16.51	−31 0.5	2.664	3.513	10.1	20.6
5 1	16 9.60	−31 16.5	2.568	3.495	7.6	20.4
5 11	16 1.02	−31 22.6	2.499	3.475	5.0	20.2
5 21	15 51.42	−31 17.7	2.457	3.455	3.2	20.1
5 31	15 41.65	−31 2.3	2.444	3.435	4.2	20.1
6 10	15 32.57	−30 38.6	2.459	3.413	6.9	20.2
6 20	15 24.94	−30 10.1	2.501	3.392	9.6	20.4

13427 1999 VM_{25} 5 20.9 187°.80 1°.5/21.9 18

4 11	16 19.84	−27 9.7	2.677	3.442	12.2	19.3
4 21	16 15.11	−26 54.9	2.577	3.441	9.9	19.1
5 1	16 8.42	−26 31.0	2.499	3.440	7.1	18.9
5 11	16 0.30	−25 58.0	2.448	3.438	4.0	18.7
5 21	15 51.44	−25 16.8	2.426	3.435	1.5	18.5
5 31	15 42.62	−24 29.8	2.433	3.432	3.4	18.6
6 10	15 34.65	−23 40.5	2.469	3.428	6.6	18.8
6 20	15 28.12	−22 52.7	2.531	3.424	9.5	19.0

285712 2000 SX_{257} 5 20.9 172°.07 5°.7/23.9 18

4 11	16 23.19	−37 50.5	2.690	3.412	13.2	20.9
4 21	16 18.23	−38 44.4	2.595	3.414	11.2	20.7
5 1	16 10.89	−39 27.5	2.521	3.415	9.1	20.6
5 11	16 1.70	−39 56.3	2.472	3.416	7.0	20.5
5 21	15 51.43	−40 8.6	2.448	3.417	5.8	20.4
5 31	15 41.06	−40 4.1	2.453	3.418	6.1	20.4
6 10	15 31.61	−39 45.0	2.484	3.419	7.8	20.5
6 20	15 23.86	−39 15.6	2.541	3.419	10.0	20.6

271663 2004 RB_{50} 5 20.9 169°.92 11°.3/13.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 17.26	+ 8 56.1	2.022	2.796	15.4	20.5
4 21	16 13.39	+10 34.6	1.960	2.798	13.6	20.4
5 1	16 7.37	+12 0.6	1.919	2.800	12.1	20.3
5 11	15 59.81	+13 6.6	1.900	2.801	11.4	20.2
5 21	15 51.45	+13 46.8	1.905	2.802	11.6	20.2
5 31	15 43.21	+13 58.0	1.932	2.803	12.8	20.3
6 10	15 35.93	+13 40.3	1.980	2.803	14.5	20.4
6 20	15 30.28	+12 56.5	2.048	2.803	16.3	20.6

22220 2097 $T\text{-}_2$ 5 20.9 78°.61 4°.7/22.8 18

4 11	16 22.91	−30 28.6	1.565	2.354	18.5	19.0
4 21	16 19.21	−31 5.3	1.487	2.360	15.3	18.8
5 1	16 12.18	−31 29.5	1.427	2.366	11.5	18.5
5 11	16 2.53	−31 37.5	1.390	2.372	7.5	18.3
5 21	15 51.45	−31 27.6	1.377	2.378	4.8	18.2
5 31	15 40.42	−31 1.1	1.389	2.384	6.2	18.3
6 10	15 30.95	−30 23.3	1.426	2.390	9.9	18.5
6 20	15 24.06	−29 41.0	1.486	2.396	13.8	18.7

504972 2011 GG_{36} 5 20.9 340°.83 5°.9/17.4 17

4 11	16 13.86	−11 15.4	1.576	2.406	16.6	21.1
4 21	16 11.47	− 9 49.5	1.497	2.400	13.3	20.9
5 1	16 6.47	− 8 19.3	1.438	2.395	9.7	20.6
5 11	15 59.50	− 6 51.3	1.403	2.390	6.7	20.4
5 21	15 51.48	− 5 32.6	1.393	2.386	6.2	20.4
5 31	15 43.52	− 4 30.3	1.408	2.382	8.8	20.5
6 10	15 36.71	− 3 49.0	1.446	2.379	12.4	20.7
6 20	15 31.86	− 3 30.3	1.505	2.376	15.9	20.9

213037 1998 FY_7 5 20.9 100°.79 3°.0/22.6 18

4 11	16 20.21	−29 35.4	2.385	3.150	13.6	21.1
4 21	16 15.67	−29 53.3	2.305	3.165	11.0	20.9
5 1	16 8.94	−30 1.7	2.246	3.179	8.1	20.7
5 11	16 0.62	−29 59.4	2.212	3.193	5.1	20.6
5 21	15 51.49	−29 46.1	2.205	3.207	3.0	20.5
5 31	15 42.47	−29 23.4	2.226	3.221	4.2	20.6
6 10	15 34.46	−28 54.4	2.275	3.234	7.0	20.8
6 20	15 28.12	−28 23.0	2.350	3.248	9.9	21.0

500929 2013 PM_{45} 5 20.9 213°.88 2°.5/22.3 17

4 11	16 22.09	−28 45.2	2.102	2.874	14.9	22.6
4 21	16 17.64	−28 41.9	2.001	2.867	12.2	22.4
5 1	16 10.62	−28 27.1	1.920	2.860	8.9	22.2
5 11	16 1.61	−27 59.6	1.865	2.852	5.3	22.0
5 21	15 51.48	−27 19.8	1.836	2.843	2.5	21.8
5 31	15 41.33	−26 30.1	1.835	2.834	4.4	21.9
6 10	15 32.25	−25 35.2	1.862	2.824	8.1	22.1
6 20	15 25.08	−24 40.6	1.914	2.814	11.7	22.3

393956 2005 UA_{223} 5 20.9 296°.62 3°.2/22.3 17

4 11	16 19.31	−28 21.2	2.294	3.067	13.8	20.8
4 21	16 15.33	−28 58.7	2.194	3.059	11.3	20.6
5 1	16 9.00	−29 28.9	2.115	3.051	8.4	20.4
5 11	16 0.80	−29 49.8	2.060	3.043	5.3	20.2
5 21	15 51.50	−30 0.0	2.033	3.035	3.3	20.1
5 31	15 42.05	−29 59.8	2.033	3.027	4.6	20.1
6 10	15 33.47	−29 51.5	2.061	3.020	7.7	20.3
6 20	15 26.58	−29 38.3	2.113	3.012	10.8	20.5

210568 1999 TB_{218} 5 20.9 304°.31 0°.9/21.3 17

4 11	16 17.22	−23 15.2	1.411	2.233	18.6	20.4
4 21	16 15.11	−23 14.1	1.312	2.212	15.1	20.2
5 1	16 9.69	−23 2.9	1.232	2.191	10.8	19.8
5 11	16 1.48	−22 41.0	1.173	2.170	5.8	19.5
5 21	15 51.49	−22 9.4	1.138	2.150	0.9	19.1
5 31	15 41.18	−21 31.4	1.128	2.130	5.6	19.4
6 10	15 32.13	−20 52.5	1.141	2.110	11.1	19.6
6 20	15 25.58	−20 19.0	1.174	2.091	16.1	19.8

383931 2008 SM_{199} 5 20.9 123°.91 1°.6/19.9 17

4 11	16 18.24	−18 25.4	2.169	2.967	13.7	21.8
4 21	16 14.07	−17 45.5	2.090	2.977	10.9	21.7
5 1	16 7.80	−17 0.0	2.032	2.987	7.5	21.5
5 11	16 0.02	−16 11.1	2.000	2.997	3.9	21.2
5 21	15 51.51	−15 21.8	1.996	3.006	1.6	21.1
5 31	15 43.16	−14 35.8	2.021	3.015	4.6	21.3
6 10	15 35.79	−13 56.6	2.073	3.024	8.1	21.6
6 20	15 30.04	−13 26.8	2.149	3.033	11.3	21.8

368337 2002 QX_8 5 20.9 275°.48 2°.6/19.9 17

4 11	16 20.54	−14 44.3	1.691	2.503	16.4	21.5
4 21	16 17.00	−14 33.2	1.587	2.482	13.2	21.2
5 1	16 10.58	−14 20.1	1.504	2.461	9.4	21.0
5 11	16 1.79	−14 7.0	1.443	2.439	5.1	20.7
5 21	15 51.50	−13 56.1	1.409	2.418	2.6	20.4
5 31	15 40.91	−13 50.3	1.401	2.396	6.1	20.6
6 10	15 31.32	−13 52.5	1.418	2.373	10.7	20.8
6 20	15 23.77	−14 4.7	1.458	2.351	15.0	21.0

21928 Prabakaran 5 20.9 9°.44 1°.2/20.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 16.41	−19 33.4	1.732	2.546	16.0	18.7
4 21	16 13.34	−19 4.5	1.650	2.547	12.7	18.5
5 1	16 7.69	−18 28.3	1.589	2.548	8.8	18.2
5 11	16 0.12	−17 46.9	1.551	2.549	4.5	18.0
5 21	15 51.51	−17 3.4	1.539	2.550	1.2	17.7
5 31	15 42.99	−16 21.8	1.554	2.552	5.1	18.0
6 10	15 35.62	−15 46.6	1.594	2.554	9.4	18.3
6 20	15 30.20	−15 21.0	1.657	2.557	13.2	18.5

439179 2011 WU_{62} 5 20.9 65°.33 1°.8/22.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 16.87	−29 20.4	2.328	3.102	13.6	20.5
4 21	16 13.02	−28 48.5	2.242	3.110	11.0	20.3
5 1	16 7.07	−28 4.3	2.177	3.118	7.9	20.1
5 11	15 59.65	−27 8.3	2.138	3.126	4.6	19.9
5 21	15 51.52	−26 2.4	2.126	3.134	1.9	19.7
5 31	15 43.57	−24 50.4	2.143	3.143	3.7	19.9
6 10	15 36.62	−23 37.2	2.188	3.151	7.0	20.1
6 20	15 31.28	−22 27.8	2.258	3.159	10.1	20.3

245628 2005 XV_{16} 5 20.9 168°.39 1°.9/20.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 23.89	−15 54.0	1.571	2.381	17.6	21.0
4 21	16 19.57	−15 50.7	1.490	2.384	14.0	20.8
5 1	16 12.22	−15 45.1	1.429	2.386	9.8	20.5
5 11	16 2.52	−15 38.7	1.391	2.388	5.1	20.2
5 21	15 51.50	−15 33.2	1.379	2.389	2.0	20.0
5 31	15 40.52	−15 30.9	1.393	2.390	5.8	20.3
6 10	15 30.87	−15 34.4	1.433	2.391	10.4	20.5
6 20	15 23.54	−15 45.9	1.496	2.391	14.6	20.8

275056 2009 UX_{108} 5 20.9 173°.34 1°.1/20.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 19.61	−18 59.7	2.136	2.931	14.0	21.5
4 21	16 15.31	−18 35.0	2.048	2.933	11.1	21.3
5 1	16 8.78	−18 4.7	1.981	2.935	7.7	21.1
5 11	16 0.59	−17 30.4	1.940	2.937	3.9	20.8
5 21	15 51.52	−16 54.2	1.927	2.938	1.1	20.6
5 31	15 42.52	−16 19.4	1.941	2.938	4.5	20.9
6 10	15 34.50	−15 49.3	1.984	2.938	8.2	21.1
6 20	15 28.15	−15 26.7	2.050	2.938	11.6	21.3

473967 2016 EA_{190} 5 20.9 13°.41 0°.8/20.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 16.23	−21 54.1	1.271	2.105	19.6	20.9
4 21	16 14.14	−21 18.0	1.199	2.106	15.6	20.7
5 1	16 8.74	−20 29.5	1.145	2.109	10.9	20.4
5 11	16 0.80	−19 31.0	1.112	2.112	5.5	20.1
5 21	15 51.52	−18 27.0	1.103	2.115	0.8	19.8
5 31	15 42.40	−17 24.1	1.118	2.119	6.0	20.1
6 10	15 34.87	−16 29.3	1.157	2.124	11.2	20.4
6 20	15 29.90	−15 48.0	1.216	2.130	15.8	20.7

173305 1999 UC_{34} 5 20.9 90°.21 0°.8/21.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 22.54	−22 34.9	1.600	2.404	17.5	20.8
4 21	16 18.41	−22 41.2	1.528	2.417	14.0	20.6
5 1	16 11.31	−22 39.7	1.476	2.430	9.8	20.4
5 11	16 1.98	−22 30.2	1.447	2.442	5.2	20.2
5 21	15 51.52	−22 13.5	1.443	2.455	0.8	19.9
5 31	15 41.24	−21 52.4	1.466	2.467	4.8	20.2
6 10	15 32.40	−21 30.8	1.515	2.480	9.4	20.5
6 20	15 25.89	−21 13.0	1.586	2.492	13.3	20.8

211491 2003 NQ_{6} 5 20.9 284°.21 0°.3/20.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 19.61	−21 40.8	1.567	2.379	17.5	20.3
4 21	16 16.72	−21 21.9	1.457	2.352	14.2	20.0
5 1	16 10.68	−20 52.8	1.366	2.324	10.1	19.7
5 11	16 1.97	−20 14.0	1.298	2.296	5.2	19.3
5 21	15 51.51	−19 27.3	1.255	2.268	0.3	18.8
5 31	15 40.66	−18 36.7	1.238	2.239	5.6	19.2
6 10	15 30.89	−17 48.4	1.246	2.210	11.0	19.4
6 20	15 23.39	−17 8.3	1.275	2.181	15.9	19.6

471722 2012 UG_{3} 5 20.9 310°.43 2°.8/19.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 15.89	−15 0.9	1.691	2.512	16.0	21.4
4 21	16 13.19	−14 37.5	1.594	2.494	12.9	21.2
5 1	16 7.82	−14 10.7	1.517	2.477	9.1	20.9
5 11	16 0.32	−13 43.0	1.463	2.459	5.0	20.6
5 21	15 51.53	−13 17.8	1.434	2.442	2.8	20.4
5 31	15 42.57	−12 58.5	1.432	2.426	6.1	20.6
6 10	15 34.62	−12 48.5	1.453	2.409	10.5	20.8
6 20	15 28.62	−12 50.2	1.497	2.394	14.5	21.0

64052 2001 SX_{253} 5 20.9 27°.94 0°.5/20.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 17.24	−19 17.4	2.106	2.906	14.0	19.6
4 21	16 13.53	−19 14.2	2.019	2.908	11.1	19.4
5 1	16 7.60	−19 6.6	1.954	2.909	7.7	19.2
5 11	16 0.02	−18 55.4	1.914	2.911	3.9	19.0
5 21	15 51.53	−18 42.0	1.901	2.913	0.5	18.7
5 31	15 43.07	−18 28.5	1.916	2.915	4.2	19.0
6 10	15 35.56	−18 17.3	1.957	2.917	7.9	19.2
6 20	15 29.69	−18 10.9	2.023	2.919	11.3	19.5

498307 2007 VK_{118} 5 20.9 252°.65 2°.4/19.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 19.87	−17 25.4	1.659	2.471	16.7	22.5
4 21	16 16.39	−16 46.9	1.562	2.458	13.3	22.2
5 1	16 10.05	−16 1.3	1.486	2.445	9.4	21.9
5 11	16 1.45	−15 11.0	1.434	2.431	5.0	21.6
5 21	15 51.52	−14 19.9	1.408	2.417	2.4	21.4
5 31	15 41.47	−13 32.8	1.408	2.402	6.1	21.6
6 10	15 32.56	−12 54.9	1.433	2.387	10.7	21.8
6 20	15 25.76	−12 29.9	1.480	2.372	14.9	22.1

437706 2014 DS_{80} 5 20.9 304°.75 3°.0/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 17.33	−30 0.4	2.025	2.805	15.2	21.1
4 21	16 14.02	−29 59.4	1.927	2.797	12.4	20.9
5 1	16 8.18	−29 45.9	1.850	2.789	9.2	20.7
5 11	16 0.40	−29 18.8	1.796	2.781	5.7	20.4
5 21	15 51.54	−28 38.4	1.768	2.774	3.1	20.3
5 31	15 42.66	−27 47.2	1.768	2.766	4.6	20.3
6 10	15 34.85	−26 50.2	1.794	2.759	8.1	20.5
6 20	15 28.92	−25 52.7	1.844	2.751	11.7	20.7

110574 2001 TJ_{116} 5 20.9 237°.14 2°.1/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 19.91	−25 51.3	2.459	3.233	13.0	20.0
4 21	16 15.55	−26 17.2	2.357	3.225	10.5	19.8
5 1	16 9.01	−26 37.0	2.276	3.218	7.6	19.6
5 11	16 0.77	−26 49.4	2.221	3.210	4.5	19.4
5 21	15 51.54	−26 53.8	2.194	3.201	2.1	19.2
5 31	15 42.20	−26 50.8	2.195	3.193	3.9	19.3
6 10	15 33.66	−26 42.6	2.225	3.184	7.1	19.5
6 20	15 26.66	−26 31.9	2.279	3.176	10.2	19.7

149417 2003 BU_{11} 5 20.9 38°.70 7°.3/17.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 17.69	− 4 58.2	1.564	2.384	17.1	19.8
4 21	16 14.38	− 4 5.3	1.497	2.390	14.0	19.6
5 1	16 8.41	− 3 17.5	1.449	2.395	10.7	19.4
5 11	16 0.48	− 2 40.8	1.425	2.401	8.0	19.2
5 21	15 51.55	− 2 20.1	1.424	2.407	7.4	19.2
5 31	15 42.76	− 2 19.0	1.448	2.414	9.4	19.3
6 10	15 35.21	− 2 38.3	1.495	2.421	12.6	19.5
6 20	15 29.70	− 3 16.5	1.563	2.428	15.8	19.8

80512 2000 AM_{57} 5 20.9 33°.04 7°.3/24.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 19.40	−36 47.8	1.275	2.068	21.7	18.9
4 21	16 17.18	−37 18.1	1.213	2.082	18.3	18.7
5 1	16 11.07	−37 25.9	1.167	2.096	14.4	18.5
5 11	16 2.03	−37 6.7	1.141	2.111	10.4	18.3
5 21	15 51.53	−36 19.3	1.136	2.127	7.6	18.2
5 31	15 41.42	−35 7.8	1.155	2.144	8.1	18.2
6 10	15 33.34	−33 41.6	1.196	2.162	11.2	18.5
6 20	15 28.31	−32 11.5	1.258	2.180	14.9	18.7

508740 2017 UA_{32} 5 20.9 317°.07 2°.9/19.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 15.66	−17 27.5	1.426	2.257	18.0	21.3
4 21	16 13.43	−16 39.5	1.339	2.246	14.4	21.0
5 1	16 8.19	−15 42.8	1.272	2.235	10.1	20.7
5 11	16 0.55	−14 41.0	1.227	2.225	5.4	20.4
5 21	15 51.55	−13 39.3	1.206	2.215	3.0	20.2
5 31	15 42.49	−12 43.8	1.210	2.205	6.8	20.4
6 10	15 34.73	−12 0.7	1.238	2.196	11.7	20.7
6 20	15 29.24	−11 33.9	1.286	2.188	16.1	20.9

115225 2003 SW_{142} 5 20.9 319°.64 0°.3/21.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 19.20	−19 19.2	1.711	2.521	16.3	18.7
4 21	16 15.91	−19 46.3	1.616	2.509	13.1	18.4
5 1	16 9.79	−20 11.0	1.541	2.497	9.2	18.1
5 11	16 1.38	−20 33.0	1.489	2.486	4.8	17.9
5 21	15 51.55	−20 51.8	1.463	2.475	0.3	17.5
5 31	15 41.50	−21 7.9	1.463	2.464	4.8	17.8
6 10	15 32.52	−21 23.2	1.489	2.454	9.5	18.0
6 20	15 25.60	−21 39.9	1.538	2.445	13.6	18.3

100762 1998 FX_{14} 5 20.9 57°.60 2°.8/22.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 18.47	−28 32.0	2.150	2.929	14.4	19.6
4 21	16 14.62	−28 48.3	2.066	2.936	11.7	19.4
5 1	16 8.41	−28 54.9	2.003	2.942	8.6	19.2
5 11	16 0.45	−28 50.8	1.964	2.950	5.3	19.0
5 21	15 51.56	−28 35.7	1.952	2.957	2.9	18.9
5 31	15 42.73	−28 11.3	1.967	2.964	4.4	19.0
6 10	15 34.95	−27 41.1	2.009	2.971	7.6	19.2
6 20	15 28.94	−27 9.3	2.075	2.979	10.7	19.4

133459 2003 SK_{230} 5 20.9 308°.79 1°.2/21.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 18.79	−23 27.1	1.861	2.660	15.6	20.0
4 21	16 15.27	−23 35.8	1.770	2.656	12.6	19.8
5 1	16 9.11	−23 37.3	1.700	2.652	8.9	19.6
5 11	16 0.91	−23 31.0	1.654	2.648	4.8	19.3
5 21	15 51.56	−23 17.4	1.633	2.645	1.2	19.0
5 31	15 42.16	−22 58.5	1.640	2.641	4.4	19.3
6 10	15 33.86	−22 37.7	1.673	2.638	8.6	19.5
6 20	15 27.51	−22 18.8	1.729	2.634	12.4	19.7

497291 2005 SB_{86} 5 20.9 163°.23 0°.1/20.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 20.92	−20 49.2	2.046	2.839	14.6	22.3
4 21	16 16.51	−20 41.4	1.959	2.843	11.6	22.1
5 1	16 9.71	−20 27.5	1.894	2.846	8.1	21.9
5 11	16 1.11	−20 8.3	1.854	2.850	4.1	21.7
5 21	15 51.56	−19 45.1	1.840	2.853	0.2	21.3
5 31	15 42.07	−19 20.3	1.855	2.855	4.2	21.7
6 10	15 33.62	−18 57.3	1.898	2.857	8.2	21.9
6 20	15 26.98	−18 39.2	1.964	2.858	11.7	22.2

408951 2002 EW_{133} 5 20.9 67°.93 0°.1/20.9 18

4 11	16 21.23	−22 0.6	1.371	2.190	19.2	21.3
4 21	16 17.71	−21 41.6	1.307	2.205	15.3	21.0
5 1	16 10.96	−21 12.8	1.261	2.220	10.6	20.8
5 11	16 1.83	−20 35.4	1.238	2.236	5.4	20.6
5 21	15 51.56	−19 52.4	1.239	2.252	0.1	20.2
5 31	15 41.60	−19 8.5	1.266	2.267	5.4	20.6
6 10	15 33.30	−18 29.5	1.317	2.283	10.3	21.0
6 20	15 27.54	−17 59.8	1.390	2.299	14.6	21.2

253854 2003 YF_{169} 5 20.9 192°.13 3°.4/22.6 18

4 11	16 23.11	−29 33.8	1.877	2.653	16.3	21.0
4 21	16 18.81	−29 48.6	1.785	2.652	13.4	20.8
5 1	16 11.64	−29 51.8	1.713	2.651	9.9	20.5
5 11	16 2.23	−29 41.2	1.665	2.649	6.2	20.3
5 21	15 51.56	−29 16.1	1.642	2.647	3.5	20.1
5 31	15 40.88	−28 38.6	1.647	2.644	5.1	20.2
6 10	15 31.45	−27 53.3	1.679	2.641	8.8	20.4
6 20	15 24.19	−27 6.0	1.734	2.637	12.5	20.6

501345 2013 YC_{11} 5 20.9 192°.17 3°.6/18.7 18

4 11	16 18.01	−10 9.9	2.544	3.336	12.1	22.4
4 21	16 13.61	− 9 33.0	2.453	3.334	9.7	22.2
5 1	16 7.39	− 8 56.1	2.385	3.332	7.0	22.0
5 11	15 59.84	− 8 22.0	2.343	3.329	4.5	21.9
5 21	15 51.58	− 7 53.4	2.329	3.325	3.7	21.8
5 31	15 43.33	− 7 33.0	2.345	3.321	5.6	21.9
6 10	15 35.84	− 7 22.6	2.387	3.317	8.3	22.1
6 20	15 29.67	− 7 23.2	2.454	3.312	11.0	22.2

166915 2003 DV_{21} 5 20.9 131°.74 13°.7/24.4 18

4 11	16 39.29	−42 55.7	1.361	2.096	23.3	20.1
4 21	16 34.66	−45 23.6	1.292	2.105	20.6	19.9
5 1	16 24.65	−47 35.7	1.240	2.114	17.8	19.7
5 11	16 9.73	−49 18.1	1.206	2.123	15.2	19.6
5 21	15 51.52	−50 18.3	1.194	2.131	13.8	19.5
5 31	15 32.81	−50 30.5	1.204	2.139	14.1	19.6
6 10	15 16.63	−50 0.3	1.236	2.146	15.9	19.7
6 20	15 5.06	−49 1.0	1.286	2.152	18.4	19.9

294565 2007 YD_{46} 5 20.9 155°.06 1°.0/21.4 17

4 11	16 22.01	−24 14.1	1.807	2.600	16.2	22.0
4 21	16 17.76	−24 6.5	1.723	2.605	13.0	21.8
5 1	16 10.78	−23 49.4	1.659	2.609	9.2	21.6
5 11	16 1.72	−23 22.7	1.619	2.614	4.9	21.3
5 21	15 51.57	−22 47.9	1.606	2.617	1.0	21.1
5 31	15 41.51	−22 8.0	1.620	2.621	4.5	21.3
6 10	15 32.71	−21 27.8	1.660	2.624	8.8	21.6
6 20	15 26.01	−20 51.8	1.725	2.626	12.7	21.8

422575 2014 TC_{54} 5 20.9 131°.24 1°.0/19.8 18

4 11	16 8.21	−16 3.0	4.848	5.632	6.8	21.6
4 21	16 5.09	−15 40.0	4.756	5.637	5.4	21.5
5 1	16 1.09	−15 15.5	4.690	5.642	3.7	21.4
5 11	15 56.50	−14 50.4	4.653	5.647	2.0	21.2
5 21	15 51.61	−14 25.9	4.644	5.652	1.0	21.2
5 31	15 46.76	−14 3.3	4.666	5.657	2.4	21.3
6 10	15 42.25	−13 43.6	4.716	5.662	4.1	21.4
6 20	15 38.37	−13 27.8	4.794	5.667	5.7	21.5

337548 2001 SU_{254} 5 20.9 212°.81 10°.5/22.1 18

4 11	16 37.72	−35 14.4	1.435	2.192	21.3	20.7
4 21	16 32.86	−37 35.9	1.346	2.187	18.4	20.5
5 1	16 23.19	−39 51.8	1.276	2.182	15.1	20.3
5 11	16 9.02	−41 50.4	1.227	2.177	12.1	20.1
5 21	15 51.55	−43 18.9	1.203	2.171	10.6	20.0
5 31	15 33.04	−44 9.2	1.204	2.164	11.6	20.0
6 10	15 16.21	−44 22.7	1.228	2.156	14.5	20.1
6 20	15 3.18	−44 8.8	1.273	2.148	17.9	20.3

320432 2007 VP_{96} 5 20.9 27°.78 4°.5/22.4 17

4 11	16 22.27	−28 12.7	1.396	2.200	19.6	20.4
4 21	16 19.14	−29 0.4	1.319	2.203	16.1	20.2
5 1	16 12.43	−29 37.6	1.260	2.206	12.0	19.9
5 11	16 2.84	−30 0.5	1.223	2.210	7.6	19.7
5 21	15 51.59	−30 6.3	1.209	2.213	4.5	19.5
5 31	15 40.32	−29 55.8	1.220	2.217	6.4	19.7
6 10	15 30.68	−29 33.7	1.255	2.222	10.7	19.9
6 20	15 23.83	−29 6.5	1.312	2.227	14.9	20.2

256991 2008 ES_{139} 5 20.9 140°.95 0°.4/20.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 21.98	−20 53.6	1.927	2.721	15.3	21.6
4 21	16 17.41	−20 35.4	1.846	2.731	12.2	21.4
5 1	16 10.35	−20 10.2	1.787	2.740	8.5	21.2
5 11	16 1.44	−19 39.0	1.752	2.749	4.3	21.0
5 21	15 51.60	−19 4.0	1.745	2.757	0.4	20.7
5 31	15 41.90	−18 28.3	1.766	2.765	4.5	21.0
6 10	15 33.38	−17 55.9	1.813	2.772	8.6	21.3
6 20	15 26.78	−17 30.1	1.885	2.779	12.1	21.5

353568 2011 ST_{235} 5 20.9 260°.68 4°.3/23.5 18

4 11	16 19.19	−33 47.7	2.381	3.135	13.9	21.7
4 21	16 15.26	−34 7.2	2.277	3.125	11.6	21.5
5 1	16 8.95	−34 15.0	2.193	3.114	9.0	21.3
5 11	16 0.80	−34 9.0	2.134	3.104	6.3	21.1
5 21	15 51.60	−33 48.2	2.100	3.093	4.4	21.0
5 31	15 42.33	−33 13.5	2.095	3.083	5.1	21.0
6 10	15 33.98	−32 28.5	2.116	3.072	7.7	21.1
6 20	15 27.36	−31 38.0	2.162	3.061	10.6	21.3

155710 2000 QW_{150} 5 20.9 247°.37 3°.7/18.5 18

4 11	16 17.90	−13 56.5	2.133	2.936	13.8	20.1
4 21	16 14.06	−12 51.2	2.031	2.921	11.0	19.9
5 1	16 8.01	−11 40.4	1.951	2.905	7.9	19.6
5 11	16 0.29	−10 27.8	1.898	2.889	4.8	19.4
5 21	15 51.61	− 9 18.0	1.872	2.872	3.8	19.3
5 31	15 42.87	− 8 16.1	1.874	2.855	6.3	19.4
6 10	15 34.98	− 7 26.4	1.902	2.837	9.8	19.6
6 20	15 28.68	− 6 51.8	1.954	2.819	13.1	19.8

474786 2005 QJ_{141} 5 20.9 262°.61 1°.1/20.1 18

4 11	16 16.88	−19 49.2	2.745	3.530	11.5	21.6
4 21	16 12.82	−19 4.9	2.626	3.506	9.2	21.4
5 1	16 6.94	−18 13.5	2.529	3.481	6.4	21.2
5 11	15 59.68	−17 16.6	2.460	3.456	3.3	21.0
5 21	15 51.62	−16 16.6	2.420	3.430	1.1	20.8
5 31	15 43.47	−15 17.0	2.409	3.404	3.9	20.9
6 10	15 35.97	−14 21.3	2.428	3.377	7.2	21.1
6 20	15 29.71	−13 32.9	2.472	3.350	10.2	21.2

90725 1991 VJ_{8} 5 20.9 265°.91 0°.4/20.8 18

4 11	16 19.61	−19 41.8	2.014	2.812	14.6	19.9
4 21	16 15.79	−19 40.0	1.908	2.795	11.8	19.7
5 1	16 9.46	−19 33.3	1.823	2.777	8.3	19.4
5 11	16 1.14	−19 22.3	1.763	2.760	4.3	19.1
5 21	15 51.61	−19 7.9	1.730	2.742	0.4	18.8
5 31	15 41.89	−18 52.3	1.724	2.723	4.5	19.1
6 10	15 33.06	−18 38.4	1.745	2.705	8.7	19.3
6 20	15 25.99	−18 29.1	1.790	2.686	12.5	19.5

101570 1999 AJ_{38} 5 20.9 124°.36 3°.9/22.6 18

4 11	16 26.80	−29 45.0	2.075	2.836	15.4	19.0
4 21	16 21.35	−30 28.0	1.996	2.852	12.7	18.8
5 1	16 13.17	−31 1.6	1.937	2.867	9.4	18.6
5 11	16 2.94	−31 22.8	1.904	2.882	6.1	18.5
5 21	15 51.61	−31 30.0	1.897	2.896	3.9	18.4
5 31	15 40.36	−31 23.6	1.919	2.910	5.2	18.5
6 10	15 30.35	−31 7.0	1.967	2.923	8.2	18.7
6 20	15 22.43	−30 44.7	2.041	2.935	11.3	18.9

209930 2006 BQ 5 20.9 40°.12 21°.0/28.6 18 R

4 11	16 34.26	−51 58.8	1.055	1.790	28.7	19.3
4 21	16 33.49	−55 9.1	1.003	1.797	26.6	19.2
5 1	16 25.77	−57 52.9	0.964	1.804	24.4	19.0
5 11	16 11.13	−59 52.6	0.939	1.812	22.5	18.9
5 21	15 51.55	−60 51.5	0.929	1.820	21.3	18.9
5 31	15 31.35	−60 42.1	0.933	1.829	21.0	18.9
6 10	15 15.25	−59 32.5	0.954	1.838	21.7	19.0
6 20	15 6.00	−57 41.3	0.988	1.848	23.2	19.1

396005 2013 BE_{60} 5 20.9 200°.61 3°.3/19.1 16

4 11	16 16.68	− 9 58.5	2.649	3.442	11.7	22.0
4 21	16 12.52	− 9 37.3	2.557	3.439	9.3	21.8
5 1	16 6.63	− 9 17.1	2.489	3.437	6.7	21.7
5 11	15 59.47	− 9 0.1	2.447	3.434	4.2	21.5
5 21	15 51.63	− 8 48.3	2.432	3.430	3.3	21.4
5 31	15 43.79	− 8 43.7	2.447	3.427	5.1	21.5
6 10	15 36.64	− 8 47.6	2.489	3.423	7.8	21.7
6 20	15 30.74	− 9 0.6	2.555	3.419	10.4	21.9

192000 2005 XW_{67} 5 20.9 112°.14 6°.1/24.7 18

4 11	16 22.27	−37 56.7	1.928	2.676	16.9	20.1
4 21	16 18.26	−38 14.4	1.842	2.681	14.3	19.9
5 1	16 11.27	−38 14.7	1.775	2.685	11.4	19.7
5 11	16 2.03	−37 54.3	1.730	2.689	8.4	19.5
5 21	15 51.62	−37 11.8	1.709	2.694	6.3	19.4
5 31	15 41.35	−36 9.6	1.715	2.698	6.7	19.4
6 10	15 32.51	−34 53.4	1.747	2.702	9.1	19.6
6 20	15 25.97	−33 31.1	1.803	2.706	12.1	19.8

64118 2001 TK_{17} 5 20.9 158°.74 2°.0/22.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 18.14	−28 15.8	2.414	3.187	13.2	19.1
4 21	16 14.05	−28 4.9	2.322	3.189	10.7	18.9
5 1	16 7.86	−27 43.7	2.252	3.192	7.7	18.7
5 11	16 0.14	−27 12.2	2.206	3.194	4.5	18.5
5 21	15 51.63	−26 31.2	2.189	3.197	2.0	18.4
5 31	15 43.20	−25 43.4	2.200	3.199	3.7	18.5
6 10	15 35.70	−24 52.7	2.238	3.201	6.9	18.7
6 20	15 29.78	−24 3.1	2.303	3.202	10.0	18.9

509127 2005 YQ_{168} 5 20.9 235°.43 3°.0/22.8 18

4 11	16 21.08	−30 46.8	2.147	2.914	14.8	22.1
4 21	16 16.90	−30 41.5	2.041	2.903	12.2	21.9
5 1	16 10.17	−30 23.2	1.957	2.891	9.1	21.7
5 11	16 1.46	−29 50.6	1.896	2.879	5.7	21.4
5 21	15 51.63	−29 3.9	1.862	2.867	3.1	21.3
5 31	15 41.76	−28 5.5	1.857	2.854	4.6	21.3
6 10	15 32.93	−27 0.4	1.878	2.840	8.1	21.5
6 20	15 25.99	−25 54.4	1.925	2.826	11.5	21.7

357990 2006 DJ_{14} 5 20.9 34°.33 2°.3/21.6 17

4 11	16 21.96	−22 42.1	1.182	2.010	21.1	19.7
4 21	16 19.14	−23 27.8	1.117	2.019	17.0	19.5
5 1	16 12.53	−24 7.1	1.070	2.028	12.1	19.2
5 11	16 2.91	−24 37.4	1.043	2.039	6.7	18.9
5 21	15 51.64	−24 56.7	1.039	2.050	2.4	18.7
5 31	15 40.50	−25 5.7	1.060	2.062	6.0	19.0
6 10	15 31.21	−25 8.1	1.103	2.074	11.2	19.3
6 20	15 24.93	−25 8.8	1.166	2.087	15.9	19.6

169494 2002 CQ_{209} 5 20.9 318°.02 6°.3/18.6 17

4 11	16 16.60	− 9 17.5	1.304	2.142	18.9	19.8
4 21	16 14.42	− 8 31.5	1.222	2.130	15.4	19.5
5 1	16 9.05	− 7 46.0	1.159	2.118	11.4	19.3
5 11	16 1.11	− 7 7.0	1.117	2.106	7.6	19.0
5 21	15 51.65	− 6 40.3	1.098	2.095	6.5	18.9
5 31	15 42.06	− 6 31.1	1.102	2.085	9.4	19.0
6 10	15 33.80	− 6 42.5	1.128	2.075	13.7	19.2
6 20	15 27.94	− 7 14.2	1.173	2.066	18.0	19.5

351577 2005 UO_{290} 5 20.9 36°.84 2°.8/22.4 17

4 11	16 17.92	−27 55.5	2.126	2.908	14.5	20.8
4 21	16 14.23	−28 18.6	2.044	2.916	11.8	20.6
5 1	16 8.18	−28 32.9	1.984	2.925	8.6	20.4
5 11	16 0.38	−28 37.0	1.948	2.934	5.2	20.2
5 21	15 51.65	−28 30.6	1.938	2.943	2.9	20.1
5 31	15 42.98	−28 15.1	1.955	2.952	4.4	20.2
6 10	15 35.35	−27 53.5	1.999	2.962	7.6	20.4
6 20	15 29.48	−27 29.8	2.068	2.972	10.7	20.6

197018 2003 UL_{106} 5 20.9 81°.66 1°.4/21.6 18

4 11	16 21.25	−23 26.7	1.978	2.768	15.1	20.2
4 21	16 16.88	−23 46.8	1.901	2.781	12.1	20.0
5 1	16 10.02	−24 0.4	1.846	2.795	8.6	19.9
5 11	16 1.31	−24 6.9	1.815	2.808	4.7	19.6
5 21	15 51.65	−24 6.1	1.811	2.822	1.4	19.4
5 31	15 42.10	−23 59.6	1.835	2.835	4.2	19.7
6 10	15 33.69	−23 50.1	1.886	2.849	8.0	19.9
6 20	15 27.19	−23 40.8	1.961	2.862	11.4	20.1

484265 2007 HW_{58} 5 20.9 159°.71 1°.3/19.6 18

4 11	16 9.14	−13 5.3	4.824	5.608	6.9	21.8
4 21	16 5.83	−12 56.4	4.730	5.610	5.4	21.7
5 1	16 1.63	−12 47.3	4.662	5.611	3.8	21.5
5 11	15 56.81	−12 38.8	4.621	5.613	2.1	21.4
5 21	15 51.67	−12 32.0	4.610	5.615	1.4	21.4
5 31	15 46.54	−12 27.6	4.629	5.616	2.6	21.5
6 10	15 41.76	−12 26.5	4.676	5.618	4.3	21.6
6 20	15 37.59	−12 29.2	4.751	5.619	5.9	21.7

471395 2011 SD_{165} 5 20.9 229°.27 0°.8/21.5 18

4 11	16 18.51	−23 26.1	2.846	3.619	11.4	22.5
4 21	16 14.08	−23 29.2	2.736	3.607	9.2	22.3
5 1	16 7.81	−23 26.8	2.649	3.595	6.5	22.1
5 11	16 0.14	−23 18.8	2.589	3.581	3.5	21.9
5 21	15 51.66	−23 5.6	2.557	3.568	0.8	21.6
5 31	15 43.10	−22 48.6	2.554	3.554	3.2	21.8
6 10	15 35.20	−22 29.9	2.581	3.539	6.3	22.0
6 20	15 28.57	−22 12.0	2.634	3.525	9.2	22.2

251609 2009 HJ_{99} 5 20.9 284°.06 5°.1/17.4 16

4 11	16 14.17	− 8 18.1	2.281	3.087	12.9	21.4
4 21	16 10.90	− 7 14.3	2.187	3.075	10.4	21.2
5 1	16 5.71	− 6 9.9	2.116	3.063	7.8	21.0
5 11	15 59.08	− 5 9.4	2.071	3.050	5.6	20.9
5 21	15 51.66	− 4 17.0	2.052	3.038	5.2	20.8
5 31	15 44.21	− 3 36.7	2.061	3.026	7.1	20.9
6 10	15 37.53	− 3 11.4	2.095	3.014	9.8	21.0
6 20	15 32.22	− 3 2.1	2.153	3.002	12.6	21.2

225681 2001 PL_{61} 5 20.9 301°.68 3°.2/22.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 19.03	−26 53.7	1.560	2.364	17.9	21.2
4 21	16 16.59	−27 18.0	1.448	2.334	14.8	20.9
5 1	16 10.84	−27 32.8	1.355	2.304	11.0	20.6
5 11	16 2.23	−27 35.5	1.283	2.274	6.6	20.2
5 21	15 51.65	−27 24.1	1.236	2.244	3.3	19.9
5 31	15 40.52	−26 59.5	1.214	2.214	5.8	20.0
6 10	15 30.45	−26 25.9	1.216	2.184	10.7	20.2
6 20	15 22.79	−25 49.4	1.239	2.155	15.5	20.4

324376 2006 RY_{17} 5 20.9 262°.88 1°.1/21.5 17

4 11	16 20.32	−25 4.8	1.750	2.547	16.5	21.3
4 21	16 16.85	−24 50.8	1.646	2.531	13.4	21.1
5 1	16 10.48	−24 25.4	1.563	2.514	9.6	20.8
5 11	16 1.77	−23 48.2	1.503	2.497	5.2	20.5
5 21	15 51.65	−23 0.4	1.468	2.480	1.2	20.2
5 31	15 41.38	−22 5.6	1.461	2.462	4.8	20.4
6 10	15 32.23	−21 9.4	1.479	2.444	9.5	20.6
6 20	15 25.21	−20 17.8	1.520	2.425	13.8	20.8

306956 2001 UX_{191} 5 20.9 219°.38 7°.8/24.9 17

4 11	16 26.36	−41 32.5	2.162	2.879	16.1	21.1
4 21	16 21.68	−42 22.2	2.062	2.872	14.1	21.0
5 1	16 13.86	−42 56.6	1.981	2.864	11.7	20.8
5 11	16 3.51	−43 10.5	1.921	2.855	9.4	20.6
5 21	15 51.66	−43 0.3	1.887	2.847	7.9	20.5
5 31	15 39.67	−42 25.5	1.878	2.837	8.1	20.5
6 10	15 28.96	−41 30.1	1.894	2.827	9.9	20.6
6 20	15 20.60	−40 21.0	1.935	2.817	12.4	20.7

247723 2003 FW_{90} 5 20.9 29°.37 4°.7/23.6 17

4 11	16 17.93	−33 17.1	1.919	2.693	16.1	19.4
4 21	16 14.65	−33 40.8	1.841	2.702	13.4	19.3
5 1	16 8.67	−33 50.9	1.782	2.711	10.2	19.1
5 11	16 0.69	−33 45.0	1.747	2.721	7.0	18.9
5 21	15 51.67	−33 22.4	1.736	2.731	4.9	18.8
5 31	15 42.76	−32 45.2	1.751	2.742	5.6	18.9
6 10	15 35.10	−31 58.0	1.792	2.753	8.5	19.0
6 20	15 29.50	−31 6.5	1.857	2.764	11.6	19.3

29527 1998 AY_{6} 5 20.9 153°.86 0°.1/20.9 18

4 11	16 18.39	−20 50.9	2.658	3.440	11.9	19.5
4 21	16 13.91	−20 43.2	2.569	3.446	9.4	19.4
5 1	16 7.61	−20 30.6	2.503	3.453	6.6	19.2
5 11	15 59.99	−20 13.8	2.463	3.459	3.3	19.0
5 21	15 51.68	−19 53.9	2.452	3.464	0.1	18.7
5 31	15 43.42	−19 32.8	2.470	3.469	3.4	19.0
6 10	15 35.96	−19 12.9	2.517	3.474	6.6	19.2
6 20	15 29.85	−18 56.4	2.590	3.478	9.4	19.4

391682 2008 AC_{43} 5 20.9 95°.92 2°.2/22.5 17

4 11	16 19.07	−29 3.5	2.443	3.210	13.2	21.6
4 21	16 14.64	−28 54.9	2.364	3.228	10.7	21.5
5 1	16 8.16	−28 36.1	2.308	3.245	7.7	21.3
5 11	16 0.26	−28 6.8	2.277	3.263	4.6	21.2
5 21	15 51.67	−27 28.0	2.273	3.280	2.2	21.0
5 31	15 43.28	−26 42.3	2.298	3.296	3.7	21.1
6 10	15 35.88	−25 53.6	2.352	3.313	6.7	21.4
6 20	15 30.07	−25 5.8	2.431	3.329	9.6	21.6

393996 2005 UC_{455} 5 20.9 224°.95 4°.1/17.3 16

4 11	16 15.63	−11 0.0	2.674	3.469	11.5	20.9
4 21	16 11.66	− 9 35.7	2.579	3.462	9.2	20.8
5 1	16 6.03	− 8 8.0	2.508	3.455	6.7	20.6
5 11	15 59.18	− 6 41.3	2.465	3.447	4.6	20.4
5 21	15 51.69	− 5 19.8	2.451	3.439	4.3	20.4
5 31	15 44.23	− 4 8.1	2.467	3.431	6.1	20.5
6 10	15 37.47	− 3 9.6	2.509	3.423	8.7	20.7
6 20	15 31.93	− 2 26.2	2.577	3.414	11.1	20.8

66865 1999 VG_{44} 5 20.9 259°.92 1°.2/20.3 17

4 11	16 17.41	−20 25.4	2.020	2.821	14.5	19.6
4 21	16 13.88	−19 42.9	1.921	2.810	11.6	19.4
5 1	16 8.01	−18 51.7	1.843	2.799	8.0	19.1
5 11	16 0.35	−17 53.7	1.791	2.788	4.1	18.9
5 21	15 51.69	−16 52.1	1.765	2.776	1.2	18.6
5 31	15 43.01	−15 51.5	1.768	2.765	4.8	18.9
6 10	15 35.29	−14 56.6	1.797	2.753	8.8	19.1
6 20	15 29.29	−14 11.5	1.850	2.741	12.5	19.3

389240 2009 FF_{9} 5 20.9 33°.75 2°.8/19.5 17

4 11	16 15.77	−14 25.9	1.934	2.747	14.6	21.0
4 21	16 12.46	−13 53.5	1.857	2.752	11.6	20.9
5 1	16 6.91	−13 18.6	1.801	2.758	8.1	20.6
5 11	15 59.72	−12 44.1	1.770	2.765	4.6	20.4
5 21	15 51.70	−12 13.1	1.765	2.771	2.9	20.3
5 31	15 43.77	−11 48.8	1.787	2.778	5.6	20.5
6 10	15 36.86	−11 33.9	1.835	2.785	9.1	20.8
6 20	15 31.64	−11 30.0	1.906	2.792	12.4	21.0

267420 2002 CE_9 5 20.9 81°.39 2°.7/19.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 18.71	−14 46.3	1.801	2.612	15.6	21.0
4 21	16 14.98	−14 21.6	1.724	2.618	12.4	20.8
5 1	16 8.76	−13 54.5	1.667	2.624	8.7	20.6
5 11	16 0.71	−13 27.5	1.635	2.630	4.8	20.4
5 21	15 51.70	−13 3.3	1.629	2.636	2.7	20.3
5 31	15 42.79	−12 45.3	1.649	2.642	5.7	20.5
6 10	15 35.01	−12 36.1	1.696	2.648	9.5	20.7
6 20	15 29.11	−12 37.2	1.765	2.654	13.1	20.9

344524 2002 TK_6 5 20.9 208°.00 0°.3/20.8 18

4 11	16 18.70	−20 1.1	2.776	3.556	11.5	22.3
4 21	16 14.17	−19 52.3	2.673	3.550	9.1	22.1
5 1	16 7.83	−19 39.1	2.593	3.543	6.4	21.9
5 11	16 0.15	−19 22.2	2.539	3.535	3.3	21.7
5 21	15 51.71	−19 2.7	2.515	3.527	0.3	21.4
5 31	15 43.23	−18 42.3	2.520	3.518	3.4	21.7
6 10	15 35.45	−18 23.3	2.553	3.509	6.6	21.9
6 20	15 28.95	−18 7.8	2.613	3.499	9.5	22.0

346567 2008 VH_{15} 5 20.9 251°.11 0°.2/20.9 17

4 11	16 19.25	−20 52.4	2.149	2.942	14.0	21.8
4 21	16 15.30	−20 43.0	2.044	2.928	11.2	21.6
5 1	16 9.01	−20 27.5	1.961	2.913	7.9	21.3
5 11	16 0.90	−20 6.4	1.902	2.898	4.1	21.1
5 21	15 51.70	−19 41.1	1.871	2.883	0.2	20.7
5 31	15 42.39	−19 13.9	1.868	2.867	4.2	21.0
6 10	15 33.94	−18 48.2	1.892	2.851	8.2	21.2
6 20	15 27.16	−18 27.2	1.941	2.835	11.8	21.4

517691 2015 DP_{232} 5 20.9 157°.72 1°.5/20.1 17

4 11	16 19.28	−17 35.2	2.236	3.030	13.5	22.5
4 21	16 14.93	−17 10.3	2.151	3.036	10.7	22.3
5 1	16 8.48	−16 41.1	2.087	3.041	7.4	22.1
5 11	16 0.49	−16 9.3	2.050	3.046	3.8	21.9
5 21	15 51.71	−15 37.2	2.040	3.050	1.5	21.8
5 31	15 43.00	−15 7.6	2.058	3.053	4.4	22.0
6 10	15 35.23	−14 43.5	2.104	3.057	8.0	22.2
6 20	15 29.03	−14 27.0	2.175	3.060	11.1	22.4

427286 2014 WW_{230} 5 20.9 194°.14 4°.2/22.8 17

4 11	16 24.43	−30 47.1	1.829	2.601	16.8	22.1
4 21	16 20.09	−31 15.6	1.737	2.600	13.9	21.9
5 1	16 12.70	−31 32.4	1.665	2.598	10.5	21.6
5 11	16 2.90	−31 34.5	1.616	2.596	6.9	21.4
5 21	15 51.72	−31 20.1	1.593	2.593	4.3	21.3
5 31	15 40.48	−30 50.6	1.597	2.590	5.7	21.3
6 10	15 30.53	−30 10.3	1.626	2.587	9.2	21.5
6 20	15 22.89	−29 25.5	1.680	2.583	12.9	21.7

436334 2010 GH_{159} 5 20.9 331°.24 1°.0/20.7 17

4 11	16 21.03	−15 12.5	1.808	2.613	15.8	20.3
4 21	16 17.13	−15 44.3	1.715	2.606	12.6	20.1
5 1	16 10.53	−16 17.7	1.643	2.599	8.8	19.9
5 11	16 1.78	−16 52.8	1.595	2.592	4.6	19.6
5 21	15 51.73	−17 29.1	1.574	2.586	1.1	19.3
5 31	15 41.51	−18 6.5	1.581	2.580	4.9	19.6
6 10	15 32.31	−18 45.5	1.613	2.574	9.2	19.8
6 20	15 25.06	−19 26.7	1.670	2.569	13.1	20.0

502214 2015 BF_{81} 5 20.9 247°.77 3°.9/19.5 17

4 11	16 21.44	−10 53.9	1.809	2.615	15.7	21.4
4 21	16 17.36	−10 38.0	1.714	2.603	12.7	21.2
5 1	16 10.63	−10 23.1	1.639	2.592	9.1	21.0
5 11	16 1.81	−10 12.2	1.589	2.580	5.5	20.7
5 21	15 51.73	−10 7.8	1.565	2.567	3.9	20.6
5 31	15 41.52	−10 12.6	1.567	2.555	6.6	20.7
6 10	15 32.31	−10 28.2	1.596	2.542	10.5	20.9
6 20	15 25.01	−10 55.3	1.647	2.528	14.3	21.1

37328 2001 QN_{99} 5 20.9 152°.29 0°.7/21.5 18

4 11	16 20.62	−25 46.8	2.064	2.848	14.8	18.5
4 21	16 16.26	−25 10.5	1.977	2.854	11.9	18.3
5 1	16 9.53	−24 22.7	1.911	2.859	8.4	18.1
5 11	16 1.07	−23 24.1	1.870	2.864	4.4	17.8
5 21	15 51.75	−22 17.5	1.857	2.869	0.7	17.6
5 31	15 42.58	−21 7.1	1.873	2.873	4.1	17.8
6 10	15 34.55	−19 58.4	1.916	2.877	8.0	18.1
6 20	15 28.35	−18 56.3	1.984	2.881	11.5	18.3

210730 2000 TS_{14} 5 20.9 202°.35 2°.7/22.1 18

4 11	16 24.46	−26 47.6	1.803	2.587	16.6	21.3
4 21	16 20.06	−27 9.8	1.710	2.584	13.6	21.1
5 1	16 12.67	−27 22.9	1.637	2.580	9.9	20.9
5 11	16 2.90	−27 24.8	1.587	2.576	5.9	20.6
5 21	15 51.75	−27 14.5	1.564	2.571	2.8	20.4
5 31	15 40.50	−26 53.4	1.568	2.566	5.0	20.5
6 10	15 30.49	−26 25.4	1.598	2.561	9.1	20.8
6 20	15 22.70	−25 55.6	1.652	2.554	13.0	21.0

86287 1999 UX_{44} 5 20.9 210°.67 2°.3/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 17.64	−30 0.0	3.004	3.759	11.3	19.7
4 21	16 13.33	−29 56.9	2.898	3.753	9.2	19.5
5 1	16 7.25	−29 44.8	2.815	3.746	6.8	19.3
5 11	15 59.86	−29 23.3	2.758	3.740	4.2	19.1
5 21	15 51.76	−28 52.6	2.729	3.733	2.4	19.0
5 31	15 43.66	−28 14.3	2.729	3.725	3.4	19.1
6 10	15 36.27	−27 31.3	2.758	3.717	6.0	19.2
6 20	15 30.16	−26 47.0	2.814	3.709	8.5	19.4

118418 Yangmei 5 20.9 273°.50 2°.1/19.6 18

4 11	16 14.84	−16 24.6	2.410	3.211	12.4	19.9
4 21	16 11.39	−15 43.8	2.312	3.201	9.9	19.7
5 1	16 6.04	−14 58.4	2.236	3.191	6.9	19.5
5 11	15 59.29	−14 10.8	2.186	3.181	3.8	19.3
5 21	15 51.76	−13 23.8	2.164	3.171	2.2	19.1
5 31	15 44.21	−12 40.9	2.170	3.161	4.7	19.3
6 10	15 37.43	−12 5.2	2.203	3.151	7.9	19.5
6 20	15 32.00	−11 39.0	2.261	3.141	10.9	19.6

89903 Post 5 20.9 202°.72 0°.1/21.1 18

4 11	16 13.39	−21 10.2	3.676	4.452	9.0	20.9
4 21	16 9.54	−21 7.6	3.575	4.449	7.1	20.7
5 1	16 4.41	−21 1.4	3.498	4.446	4.9	20.6
5 11	15 58.34	−20 52.2	3.448	4.443	2.5	20.4
5 21	15 51.76	−20 40.5	3.427	4.439	0.1	20.2
5 31	15 45.18	−20 27.6	3.436	4.436	2.5	20.4
6 10	15 39.09	−20 15.0	3.474	4.432	4.9	20.6
6 20	15 33.91	−20 4.1	3.540	4.428	7.2	20.7

233870 2008 WT_{22} 5 20.9 170°.95 0°.5/21.2 18

4 11	16 19.19	−22 8.7	2.007	2.803	14.8	20.8
4 21	16 15.31	−22 8.7	1.919	2.803	11.8	20.6
5 1	16 9.02	−22 2.3	1.851	2.804	8.3	20.4
5 11	16 0.89	−21 49.5	1.808	2.804	4.3	20.1
5 21	15 51.76	−21 31.4	1.792	2.804	0.5	19.8
5 31	15 42.63	−21 10.1	1.804	2.804	4.2	20.1
6 10	15 34.54	−20 48.8	1.842	2.805	8.1	20.3
6 20	15 28.25	−20 30.9	1.904	2.805	11.7	20.6

278889 2008 TC_{88} 5 20.9 240°.69 0°.8/20.6 18 R

4 11	16 19.85	−18 52.3	2.293	3.083	13.3	21.1
4 21	16 15.60	−18 42.3	2.186	3.068	10.7	20.9
5 1	16 9.14	−18 27.9	2.101	3.053	7.4	20.7
5 11	16 0.96	−18 9.8	2.042	3.038	3.8	20.4
5 21	15 51.76	−17 49.5	2.010	3.022	0.8	20.2
5 31	15 42.44	−17 29.1	2.008	3.005	4.2	20.4
6 10	15 33.92	−17 11.4	2.032	2.988	8.0	20.6
6 20	15 26.94	−16 58.9	2.082	2.971	11.4	20.8

384079 2008 VA_{41} 5 20.9 236°.76 3°.2/22.5 17

4 11	16 20.53	−28 43.6	2.038	2.816	15.2	22.0
4 21	16 16.60	−29 6.3	1.944	2.812	12.4	21.8
5 1	16 10.06	−29 19.4	1.870	2.809	9.2	21.6
5 11	16 1.49	−29 21.0	1.821	2.805	5.7	21.4
5 21	15 51.76	−29 10.3	1.797	2.801	3.2	21.2
5 31	15 41.97	−28 48.6	1.801	2.798	4.8	21.3
6 10	15 33.24	−28 19.4	1.832	2.794	8.2	21.5
6 20	15 26.43	−27 47.4	1.886	2.790	11.6	21.7

506382 2017 RH_3 5 20.9 210°.57 3°.7/18.9 17

4 11	16 19.52	−12 38.0	2.048	2.850	14.3	22.5
4 21	16 15.38	−11 49.5	1.956	2.844	11.4	22.3
5 1	16 8.97	−10 58.2	1.886	2.838	8.2	22.1
5 11	16 0.84	−10 7.7	1.841	2.832	5.0	21.9
5 21	15 51.76	− 9 21.7	1.824	2.825	3.9	21.8
5 31	15 42.68	− 8 44.4	1.834	2.817	6.3	22.0
6 10	15 34.54	− 8 18.9	1.871	2.809	9.7	22.1
6 20	15 28.07	− 8 7.1	1.931	2.800	13.0	22.3

430617 2003 BP 5 20.9 150°.12 3°.8/19.3 17

4 11	16 22.45	− 9 28.5	2.177	2.968	13.9	21.6
4 21	16 17.39	− 9 10.5	2.098	2.978	11.1	21.5
5 1	16 10.17	− 8 54.4	2.040	2.987	8.0	21.3
5 11	16 1.37	− 8 42.8	2.008	2.995	5.0	21.1
5 21	15 51.76	− 8 37.8	2.004	3.002	3.9	21.1
5 31	15 42.25	− 8 41.4	2.028	3.009	5.9	21.2
6 10	15 33.71	− 8 54.7	2.080	3.016	9.0	21.4
6 20	15 26.80	− 9 17.8	2.156	3.021	12.0	21.6

335571 2006 CB_{40} 5 20.9 48°.52 8°.6/25.0 17

4 11	16 24.10	−39 55.6	1.728	2.475	18.6	20.3
4 21	16 20.37	−41 4.1	1.655	2.486	16.0	20.1
5 1	16 13.16	−41 55.5	1.600	2.498	13.2	20.0
5 11	16 3.21	−42 24.0	1.567	2.510	10.5	19.8
5 21	15 51.76	−42 25.7	1.556	2.522	8.7	19.8
5 31	15 40.39	−42 0.6	1.569	2.535	8.9	19.8
6 10	15 30.66	−41 14.0	1.607	2.547	10.9	19.9
6 20	15 23.67	−40 13.9	1.667	2.560	13.5	20.1

364605 2007 RX_{249} 5 20.9 204°.61 2°.5/22.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 22.47	−27 46.6	1.660	2.451	17.5	21.4
4 21	16 18.67	−27 46.9	1.570	2.449	14.3	21.1
5 1	16 11.76	−27 34.6	1.500	2.446	10.4	20.9
5 11	16 2.44	−27 8.2	1.453	2.443	6.1	20.6
5 21	15 51.76	−26 28.1	1.432	2.440	2.6	20.4
5 31	15 41.10	−25 37.4	1.436	2.437	5.1	20.5
6 10	15 31.79	−24 42.1	1.467	2.433	9.5	20.8
6 20	15 24.85	−23 48.6	1.520	2.428	13.6	21.0

523518 2017 OS_{29} 5 20.9 68°.40 4°.9/23.9 17

4 11	16 22.70	−34 43.5	1.618	2.392	18.6	21.0
4 21	16 18.76	−34 40.7	1.549	2.410	15.4	20.8
5 1	16 11.64	−34 19.1	1.499	2.428	11.7	20.6
5 11	16 2.23	−33 36.3	1.470	2.446	7.8	20.4
5 21	15 51.77	−32 33.4	1.466	2.465	5.1	20.3
5 31	15 41.69	−31 14.7	1.489	2.483	5.9	20.4
6 10	15 33.30	−29 48.3	1.537	2.501	9.3	20.6
6 20	15 27.43	−28 22.5	1.608	2.519	12.8	20.9

140657 2001 UC_{39} 5 20.9 229°.33 0°.2/21.1 17

4 11	16 17.96	−21 45.9	2.513	3.298	12.4	21.4
4 21	16 13.87	−21 41.0	2.411	3.290	9.9	21.2
5 1	16 7.79	−21 30.6	2.331	3.281	7.0	21.0
5 11	16 0.21	−21 15.0	2.277	3.273	3.6	20.8
5 21	15 51.78	−20 55.1	2.251	3.264	0.2	20.5
5 31	15 43.30	−20 33.0	2.255	3.254	3.6	20.8
6 10	15 35.58	−20 11.1	2.285	3.245	7.0	21.0
6 20	15 29.27	−19 52.1	2.342	3.235	10.1	21.1

175985 2000 QE_{52} 5 20.9 252°.98 3°.7/23.2 18

4 11	16 20.17	−32 45.8	2.722	3.468	12.5	21.1
4 21	16 15.79	−33 4.6	2.605	3.450	10.4	20.9
5 1	16 9.25	−33 13.6	2.510	3.430	8.0	20.7
5 11	16 1.02	−33 10.9	2.439	3.411	5.5	20.5
5 21	15 51.78	−32 55.6	2.396	3.391	3.8	20.4
5 31	15 42.38	−32 28.3	2.381	3.370	4.6	20.4
6 10	15 33.73	−31 51.7	2.395	3.349	7.0	20.5
6 20	15 26.57	−31 9.8	2.434	3.328	9.8	20.7

30667 1177 $T\text{-}_2$ 5 20.9 162°.02 3°.4/18.8 18

4 11	16 20.08	−12 20.0	2.401	3.192	12.8	19.7
4 21	16 15.31	−11 28.6	2.318	3.200	10.2	19.5
5 1	16 8.61	−10 35.2	2.258	3.206	7.2	19.3
5 11	16 0.54	− 9 43.1	2.224	3.213	4.4	19.2
5 21	15 51.78	− 8 55.5	2.219	3.218	3.5	19.1
5 31	15 43.13	− 8 15.9	2.243	3.222	5.6	19.2
6 10	15 35.34	− 7 47.0	2.295	3.226	8.5	19.4
6 20	15 29.02	− 7 30.2	2.371	3.229	11.3	19.6

287858 2003 SW_{256} 5 20.9 157°.51 1°.9/21.8 17

4 11	16 22.72	−25 33.1	1.688	2.482	17.2	21.0
4 21	16 18.68	−25 38.2	1.604	2.486	13.9	20.8
5 1	16 11.67	−25 33.2	1.540	2.489	9.9	20.6
5 11	16 2.36	−25 17.2	1.499	2.492	5.6	20.3
5 21	15 51.79	−24 50.6	1.484	2.494	1.9	20.1
5 31	15 41.28	−24 16.0	1.496	2.496	4.8	20.3
6 10	15 32.11	−23 38.3	1.533	2.498	9.2	20.5
6 20	15 25.22	−23 2.9	1.594	2.500	13.2	20.8

89942 2002 FA_{23} 5 20.9 296°.68 7°.8/24.1 18

4 11	16 22.99	−40 44.1	2.366	3.085	14.9	19.4
4 21	16 19.02	−41 54.4	2.250	3.060	13.0	19.3
5 1	16 12.15	−42 53.4	2.153	3.035	11.0	19.1
5 11	16 2.80	−43 36.3	2.080	3.010	9.0	18.9
5 21	15 51.79	−43 58.6	2.031	2.985	7.9	18.8
5 31	15 40.30	−43 58.2	2.007	2.960	8.2	18.7
6 10	15 29.69	−43 36.9	2.009	2.934	9.9	18.8
6 20	15 21.07	−42 59.5	2.034	2.909	12.2	18.9

463713 2014 QO_{176} 5 20.9 189°.67 1°.5/21.7 17

4 11	16 24.49	−24 55.9	1.927	2.709	15.8	22.7
4 21	16 19.74	−24 59.0	1.834	2.709	12.7	22.5
5 1	16 12.24	−24 53.3	1.761	2.707	9.1	22.3
5 11	16 2.62	−24 38.0	1.713	2.705	5.0	22.1
5 21	15 51.79	−24 13.3	1.692	2.702	1.5	21.8
5 31	15 40.95	−23 41.6	1.698	2.698	4.5	22.0
6 10	15 31.28	−23 7.0	1.732	2.694	8.6	22.2
6 20	15 23.65	−22 34.2	1.791	2.689	12.4	22.5

307862 2004 BW_3 5 20.9 71°.97 1°.7/20.3 17

4 11	16 21.44	−17 20.2	1.525	2.341	17.7	21.1
4 21	16 17.52	−17 5.9	1.460	2.357	14.0	20.9
5 1	16 10.71	−16 47.3	1.414	2.373	9.7	20.7
5 11	16 1.77	−16 26.3	1.392	2.389	5.0	20.4
5 21	15 51.79	−16 5.5	1.395	2.406	1.7	20.2
5 31	15 42.07	−15 48.1	1.424	2.422	5.5	20.5
6 10	15 33.79	−15 37.3	1.478	2.438	10.0	20.8
6 20	15 27.78	−15 35.4	1.554	2.454	13.9	21.1

437281 2013 AF_{25} 5 20.9 257°.77 1°.0/20.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 17.58	−18 29.4	2.266	3.062	13.3	21.9
4 21	16 13.80	−18 12.9	2.162	3.049	10.6	21.7
5 1	16 7.88	−17 51.8	2.081	3.036	7.4	21.4
5 11	16 0.31	−17 27.2	2.026	3.022	3.8	21.2
5 21	15 51.80	−17 0.9	1.998	3.009	1.1	21.0
5 31	15 43.19	−16 35.6	1.998	2.995	4.3	21.2
6 10	15 35.40	−16 14.1	2.025	2.981	8.0	21.4
6 20	15 29.12	−15 58.9	2.077	2.967	11.3	21.5

161410 2003 UP_{237} 5 20.9 279°.63 1°.0/21.5 18

4 11	16 17.79	−24 35.9	1.994	2.788	14.9	20.0
4 21	16 14.35	−24 25.8	1.897	2.780	12.0	19.7
5 1	16 8.45	−24 6.4	1.821	2.772	8.5	19.5
5 11	16 0.66	−23 37.8	1.770	2.764	4.6	19.2
5 21	15 51.79	−23 1.3	1.745	2.756	1.0	19.0
5 31	15 42.90	−22 19.7	1.748	2.749	4.2	19.2
6 10	15 35.02	−21 37.4	1.776	2.741	8.2	19.4
6 20	15 28.94	−20 58.6	1.830	2.733	11.9	19.6

209383 2004 EU_{43} 5 20.9 305°.32 3°.1/19.4 18

4 11	16 15.74	−13 30.3	2.004	2.815	14.2	20.1
4 21	16 12.55	−13 0.6	1.910	2.804	11.4	19.8
5 1	16 7.10	−12 28.8	1.837	2.793	8.1	19.6
5 11	15 59.94	−11 57.6	1.789	2.783	4.7	19.4
5 21	15 51.80	−11 30.1	1.768	2.772	3.2	19.3
5 31	15 43.60	−11 9.5	1.773	2.762	5.8	19.4
6 10	15 36.28	−10 58.5	1.804	2.752	9.3	19.6
6 20	15 30.59	−10 58.7	1.858	2.743	12.7	19.8

371655 2007 BX_{99} 5 20.9 153°.54 1°.3/21.6 17

4 11	16 22.32	−24 11.9	1.989	2.775	15.2	21.9
4 21	16 17.82	−24 17.5	1.903	2.781	12.2	21.7
5 1	16 10.78	−24 15.3	1.838	2.786	8.7	21.4
5 11	16 1.81	−24 4.8	1.798	2.791	4.7	21.2
5 21	15 51.80	−23 46.4	1.785	2.795	1.3	21.0
5 31	15 41.85	−23 22.3	1.799	2.800	4.2	21.2
6 10	15 33.03	−22 56.1	1.841	2.803	8.2	21.4
6 20	15 26.14	−22 31.7	1.907	2.806	11.7	21.7

385056 2012 UV_{44} 5 20.9 236°.37 0°.1/20.9 17

4 11	16 18.67	−20 37.0	2.192	2.985	13.8	21.2
4 21	16 14.73	−20 32.0	2.095	2.979	11.0	21.0
5 1	16 8.55	−20 21.6	2.019	2.972	7.7	20.7
5 11	16 0.66	−20 6.5	1.969	2.965	4.0	20.5
5 21	15 51.81	−19 47.6	1.946	2.958	0.1	20.1
5 31	15 42.90	−19 27.2	1.951	2.951	4.0	20.5
6 10	15 34.87	−19 8.2	1.983	2.943	7.8	20.7
6 20	15 28.47	−18 53.3	2.040	2.935	11.3	20.9

4844 Matsuyama 5 20.9 355°.41 0°.8/21.4 18

4 11	16 10.30	−25 9.1	1.173	2.016	20.3	15.4
4 21	16 9.94	−24 43.1	1.097	2.009	16.3	15.1
5 1	16 6.18	−24 0.5	1.039	2.004	11.6	14.8
5 11	15 59.74	−23 2.4	1.002	2.000	6.2	14.5
5 21	15 51.80	−21 52.6	0.986	1.998	0.9	14.1
5 31	15 43.92	−20 38.2	0.993	1.997	5.7	14.4
6 10	15 37.62	−19 27.9	1.022	1.998	11.3	14.7
6 20	15 33.93	−18 29.3	1.072	2.001	16.2	15.0

382963 2004 XS_{44} 5 20.9 305°.51 2°.3/22.3 17 R

4 11	16 17.05	−29 5.0	1.655	2.453	17.3	19.8
4 21	16 14.73	−28 41.5	1.538	2.421	14.3	19.5
5 1	16 9.34	−28 0.6	1.441	2.389	10.5	19.2
5 11	16 1.40	−27 0.8	1.365	2.357	6.2	18.8
5 21	15 51.81	−25 42.7	1.315	2.325	2.4	18.5
5 31	15 41.90	−24 10.7	1.291	2.292	5.2	18.6
6 10	15 33.09	−22 32.8	1.292	2.261	10.2	18.8
6 20	15 26.53	−20 58.2	1.315	2.229	14.9	19.0

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4 21	16 15.81	−11 30.8	1.799	2.690	12.1	18.4
5 1	16 9.43	−10 48.4	1.729	2.682	8.7	18.1
5 11	16 1.16	−10 7.4	1.683	2.673	5.3	17.9
5 21	15 51.82	− 9 31.8	1.663	2.665	4.0	17.8
5 31	15 42.44	− 9 5.3	1.671	2.656	6.6	17.9
6 10	15 34.06	− 8 51.1	1.705	2.646	10.3	18.1
6 20	15 27.47	− 8 50.5	1.761	2.636	13.8	18.3
6 30	15 23.24	− 9 3.9	1.837	2.626	16.8	18.5

499273 2009 VU_{61} 5 21.0 219°.81 0°.3/21.1 17

4 21	16 16.96	−21 25.5	2.089	2.968	11.2	22.3
5 1	16 10.15	−21 21.0	2.010	2.960	7.9	22.0
5 11	16 1.51	−21 11.1	1.957	2.952	4.1	21.8
5 21	15 51.82	−20 56.3	1.931	2.943	0.3	21.4
5 31	15 42.05	−20 38.6	1.933	2.933	4.0	21.7
6 10	15 33.18	−20 20.8	1.963	2.923	7.9	22.0
6 20	15 25.99	−20 6.0	2.019	2.912	11.4	22.2
6 30	15 21.05	−19 56.8	2.095	2.901	14.4	22.3