382790 2003 SC_{370} 5 29.9 171°.55 2°.4/30.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 56.97	−28 56.4	2.097	2.892	14.3	21.9
5 1	16 52.49	−29 7.2	2.010	2.894	11.5	21.7
5 11	16 45.59	−29 10.2	1.944	2.895	8.2	21.5
5 21	16 36.85	−29 3.6	1.902	2.896	4.7	21.3
5 31	16 27.19	−28 47.1	1.887	2.896	2.4	21.2
6 10	16 17.66	−28 22.2	1.900	2.897	4.7	21.3
6 20	16 9.28	−27 51.8	1.940	2.897	8.3	21.5
6 30	16 2.85	−27 20.0	2.004	2.897	11.6	21.7

214615 2006 RP_{51} 5 29.9 192°.86 3°.4/31.3 18

4 21	16 56.97	−31 39.4	2.448	3.228	13.0	20.9
5 1	16 52.27	−32 10.3	2.356	3.227	10.5	20.8
5 11	16 45.35	−32 33.8	2.285	3.226	7.8	20.6
5 21	16 36.73	−32 47.6	2.240	3.224	5.0	20.4
5 31	16 27.20	−32 50.3	2.222	3.223	3.4	20.3
6 10	16 17.73	−32 42.1	2.232	3.221	4.9	20.4
6 20	16 9.23	−32 25.3	2.269	3.219	7.7	20.6
6 30	16 2.46	−32 3.2	2.331	3.217	10.5	20.7

18185 2000 QW_{49} 5 29.9 36°.79 0°.6/30.2 18

4 21	16 53.78	−23 47.3	1.986	2.799	14.4	17.9
5 1	16 49.95	−23 47.6	1.907	2.804	11.4	17.7
5 11	16 43.81	−23 42.9	1.849	2.810	7.8	17.5
5 21	16 35.97	−23 33.0	1.816	2.816	3.9	17.3
5 31	16 27.29	−23 18.5	1.809	2.823	0.7	17.1
6 10	16 18.80	−23 1.1	1.830	2.829	4.5	17.4
6 20	16 11.42	−22 43.4	1.876	2.836	8.3	17.6
6 30	16 5.92	−22 28.1	1.947	2.843	11.7	17.8

74196 1998 RU_{49} 5 29.9 313°.78 2°.8/29.2 18

4 21	16 52.43	−17 16.9	1.364	2.208	18.1	18.7
5 1	16 50.16	−16 55.2	1.271	2.187	14.5	18.4
5 11	16 44.76	−16 31.4	1.197	2.166	10.1	18.1
5 21	16 36.76	−16 7.7	1.145	2.146	5.4	17.8
5 31	16 27.18	−15 46.8	1.116	2.127	3.0	17.6
6 10	16 17.48	−15 32.2	1.111	2.108	7.2	17.8
6 20	16 9.07	−15 26.9	1.129	2.089	12.4	18.0
6 30	16 3.19	−15 33.3	1.167	2.072	17.1	18.2

107025 2000 YB_{118} 5 29.9 199°.53 3°.9/31.3 18

4 21	17 0.64	−31 41.3	1.789	2.583	16.5	20.0
5 1	16 55.99	−32 1.3	1.701	2.581	13.4	19.8
5 11	16 48.33	−32 10.7	1.632	2.579	9.9	19.6
5 21	16 38.31	−32 6.5	1.587	2.576	6.2	19.3
5 31	16 27.03	−31 46.9	1.568	2.572	3.9	19.2
6 10	16 15.88	−31 13.4	1.575	2.568	5.9	19.3
6 20	16 6.16	−30 30.3	1.608	2.564	9.7	19.5
6 30	15 58.90	−29 43.5	1.664	2.560	13.4	19.7

98424 2000 UO_{28} 5 29.9 140°.46 3°.3/31.2 18

4 21	17 0.08	−30 39.5	1.627	2.431	17.4	19.7
5 1	16 55.65	−30 47.7	1.548	2.435	14.1	19.5
5 11	16 48.10	−30 44.4	1.488	2.440	10.2	19.3
5 21	16 38.17	−30 27.1	1.451	2.444	6.0	19.0
5 31	16 27.06	−29 55.1	1.440	2.448	3.3	18.9
6 10	16 16.23	−29 11.1	1.455	2.452	5.8	19.0
6 20	16 7.01	−28 20.2	1.495	2.455	10.0	19.3
6 30	16 0.37	−27 28.7	1.558	2.459	13.9	19.5

65469 2002 XJ_{29} 5 29.9 306°.04 5°.2/28.3 17

4 21	16 52.89	− 7 29.4	2.100	2.910	13.8	19.4
5 1	16 49.02	− 7 3.7	2.015	2.905	11.2	19.2
5 11	16 43.09	− 6 43.8	1.952	2.900	8.4	19.0
5 21	16 35.62	− 6 32.5	1.913	2.895	6.0	18.9
5 31	16 27.35	− 6 32.3	1.900	2.890	5.4	18.8
6 10	16 19.15	− 6 44.7	1.914	2.885	7.2	18.9
6 20	16 11.86	− 7 9.9	1.953	2.881	10.0	19.1
6 30	16 6.18	− 7 47.1	2.016	2.876	12.9	19.3

470538 2008 DT_{48} 5 29.9 115°.22 4°.5/28.7 18

4 21	16 55.15	− 6 22.5	2.503	3.296	12.4	21.0
5 1	16 50.28	− 6 15.1	2.428	3.307	10.0	20.9
5 11	16 43.66	− 6 14.2	2.376	3.318	7.4	20.7
5 21	16 35.79	− 6 21.4	2.349	3.328	5.2	20.6
5 31	16 27.34	− 6 38.1	2.350	3.339	4.6	20.6
6 10	16 19.04	− 7 4.7	2.380	3.349	6.1	20.7
6 20	16 11.59	− 7 40.8	2.436	3.359	8.5	20.9
6 30	16 5.54	− 8 25.2	2.518	3.369	11.0	21.0

326053 2011 AW_{10} 5 29.9 160°.70 0°.8/29.6 18

4 21	16 51.04	−19 10.3	2.922	3.723	10.6	21.5
5 1	16 47.00	−19 3.6	2.832	3.725	8.3	21.3
5 11	16 41.42	−18 55.5	2.766	3.726	5.6	21.1
5 21	16 34.72	−18 46.5	2.726	3.727	2.8	20.9
5 31	16 27.46	−18 37.3	2.715	3.728	0.9	20.8
6 10	16 20.29	−18 29.2	2.733	3.729	3.6	21.0
6 20	16 13.80	−18 23.3	2.779	3.729	6.4	21.2
6 30	16 8.52	−18 21.0	2.850	3.730	9.0	21.3

335052 2004 RA_{110} 5 29.9 271°.42 10°.8/ 3.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	17 12.78	−54 7.8	2.430	3.092	15.9	21.2
5 1	17 6.40	−54 58.0	2.307	3.058	14.5	21.1
5 11	16 56.03	−55 30.5	2.201	3.024	13.0	20.9
5 21	16 42.31	−55 37.2	2.115	2.989	11.7	20.7
5 31	16 26.58	−55 11.4	2.052	2.953	10.9	20.6
6 10	16 10.78	−54 10.7	2.014	2.916	11.0	20.5
6 20	15 56.80	−52 38.2	1.999	2.878	12.2	20.5
6 30	15 46.08	−50 42.2	2.009	2.839	14.1	20.6

276870 2004 RO_{190} 5 29.9 270°.20 5°.4/27.2 18

4 21	16 53.64	−12 3.0	1.893	2.712	14.8	20.6
5 1	16 49.93	−10 45.6	1.799	2.697	11.9	20.4
5 11	16 43.90	− 9 26.2	1.727	2.682	8.7	20.1
5 21	16 36.09	− 8 9.5	1.679	2.666	6.0	19.9
5 31	16 27.31	− 7 1.0	1.658	2.651	5.7	19.9
6 10	16 18.59	− 6 5.6	1.664	2.635	8.1	20.0
6 20	16 10.86	− 5 27.0	1.694	2.619	11.5	20.1
6 30	16 4.94	− 5 6.8	1.747	2.603	14.8	20.3

235304 2003 UA_{96} 5 29.9 258°.98 1°.9/30.6 18

4 21	16 56.69	−26 36.8	2.077	2.877	14.3	20.9
5 1	16 52.45	−26 55.4	1.977	2.866	11.5	20.7
5 11	16 45.72	−27 8.5	1.899	2.854	8.1	20.4
5 21	16 37.02	−27 14.4	1.845	2.842	4.4	20.2
5 31	16 27.21	−27 12.2	1.818	2.829	1.9	20.0
6 10	16 17.37	−27 2.6	1.819	2.817	4.8	20.2
6 20	16 8.55	−26 48.0	1.846	2.804	8.6	20.4
6 30	16 1.65	−26 31.6	1.898	2.791	12.1	20.5

153200 2000 WR_{81} 5 29.9 289°.58 1°.4/30.4 17

4 21	16 55.83	−24 51.1	1.776	2.591	15.8	19.8
5 1	16 52.24	−25 4.6	1.675	2.573	12.6	19.5
5 11	16 45.86	−25 13.1	1.595	2.555	8.9	19.3
5 21	16 37.20	−25 15.0	1.538	2.537	4.6	19.0
5 31	16 27.19	−25 9.8	1.507	2.520	1.4	18.7
6 10	16 17.08	−24 58.5	1.502	2.502	5.2	18.9
6 20	16 8.09	−24 43.6	1.523	2.484	9.7	19.1
6 30	16 1.28	−24 28.9	1.567	2.467	13.8	19.3

521029 2015 CJ_{70} 5 29.9 338°.52 6°.4/27.8 17

4 21	16 50.44	−10 9.7	1.454	2.295	17.3	20.4
5 1	16 48.06	− 9 13.7	1.375	2.285	14.0	20.2
5 11	16 42.96	− 8 20.6	1.316	2.276	10.4	19.9
5 21	16 35.73	− 7 35.5	1.278	2.267	7.3	19.7
5 31	16 27.37	− 7 3.7	1.264	2.259	6.6	19.7
6 10	16 19.10	− 6 49.5	1.274	2.252	9.2	19.8
6 20	16 12.08	− 6 54.4	1.306	2.246	13.0	20.0
6 30	16 7.26	− 7 18.2	1.358	2.240	16.7	20.2

239875 2000 KQ_{78} 5 29.9 320°.82 3°.8/28.5 17

4 21	16 47.91	−19 27.0	1.083	1.949	20.2	19.4
5 1	16 47.42	−18 26.1	0.990	1.919	16.2	19.1
5 11	16 43.40	−17 13.2	0.915	1.890	11.4	18.7
5 21	16 36.31	−15 51.7	0.859	1.862	6.2	18.3
5 31	16 27.28	−14 28.2	0.825	1.835	4.2	18.1
6 10	16 18.00	−13 11.6	0.812	1.809	9.1	18.2
6 20	16 10.21	−12 10.8	0.819	1.784	15.1	18.5
6 30	16 5.38	−11 32.2	0.843	1.761	20.7	18.7

434653 2005 YZ_{57} 5 30.0 246°.81 3°.6/31.6 18

4 21	16 59.31	−33 13.0	2.138	2.918	14.6	21.9
5 1	16 54.58	−33 16.4	2.031	2.902	12.0	21.7
5 11	16 47.21	−33 8.4	1.944	2.885	8.9	21.4
5 21	16 37.76	−32 46.4	1.882	2.868	5.7	21.2
5 31	16 27.15	−32 9.5	1.846	2.850	3.7	21.1
6 10	16 16.56	−31 19.3	1.839	2.831	5.4	21.1
6 20	16 7.11	−30 19.9	1.858	2.812	8.8	21.3
6 30	15 59.74	−29 17.0	1.902	2.792	12.2	21.5

316718 1997 XM_{3} 5 30.0 234°.72 2°.4/29.2 18

4 21	16 57.15	−15 30.4	2.216	3.019	13.4	20.8
5 1	16 52.43	−15 18.2	2.113	3.005	10.7	20.6
5 11	16 45.51	−15 6.4	2.033	2.991	7.4	20.4
5 21	16 36.87	−14 55.9	1.978	2.976	4.0	20.1
5 31	16 27.26	−14 48.4	1.951	2.960	2.5	20.0
6 10	16 17.61	−14 45.2	1.953	2.944	5.3	20.1
6 20	16 8.83	−14 47.9	1.982	2.927	8.9	20.3
6 30	16 1.71	−14 57.6	2.035	2.909	12.2	20.5

506282 2016 TP_{81} 5 30.0 288°.53 4°.3/31.6 17

4 21	16 55.82	−33 40.3	2.269	3.050	13.8	21.2
5 1	16 51.69	−34 11.2	2.173	3.043	11.4	21.0
5 11	16 45.15	−34 33.0	2.098	3.035	8.6	20.8
5 21	16 36.73	−34 43.1	2.047	3.027	5.8	20.6
5 31	16 27.28	−34 39.6	2.023	3.020	4.3	20.5
6 10	16 17.86	−34 23.0	2.025	3.012	5.5	20.6
6 20	16 9.48	−33 55.9	2.055	3.005	8.3	20.7
6 30	16 2.98	−33 22.4	2.108	2.997	11.2	20.9

28336 1999 DZ_4 5 30.0 42°.94 3°.7/28.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 52.72	−16 22.6	1.880	2.703	14.7	17.9
5 1	16 49.00	−15 7.0	1.807	2.710	11.6	17.7
5 11	16 43.08	−13 48.1	1.756	2.718	8.1	17.5
5 21	16 35.60	−12 29.7	1.731	2.727	4.8	17.3
5 31	16 27.42	−11 16.9	1.732	2.735	3.9	17.2
6 10	16 19.53	−10 14.3	1.761	2.744	6.6	17.4
6 20	16 12.78	− 9 25.6	1.815	2.753	10.0	17.6
6 30	16 7.85	− 8 52.6	1.892	2.762	13.2	17.9

431115 2006 HT_{33} 5 30.0 335°.35 1°.4/30.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.29	−24 45.0	1.782	2.598	15.7	21.1
5 1	16 51.62	−25 3.4	1.695	2.594	12.5	20.9
5 11	16 45.28	−25 17.0	1.630	2.590	8.7	20.6
5 21	16 36.84	−25 24.4	1.587	2.587	4.5	20.4
5 31	16 27.27	−25 25.1	1.571	2.584	1.4	20.1
6 10	16 17.77	−25 19.9	1.581	2.581	5.0	20.4
6 20	16 9.48	−25 11.1	1.617	2.578	9.3	20.6
6 30	16 3.33	−25 2.1	1.676	2.576	13.1	20.8

304015 2006 DO_{10} 5 30.0 60°.97 3°.8/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 56.81	−15 1.0	1.372	2.208	18.5	20.7
5 1	16 53.22	−14 31.7	1.300	2.210	14.7	20.4
5 11	16 46.53	−14 2.8	1.247	2.212	10.3	20.2
5 21	16 37.47	−13 37.3	1.216	2.214	5.8	19.9
5 31	16 27.21	−13 18.4	1.209	2.217	4.0	19.8
6 10	16 17.18	−13 9.0	1.227	2.219	7.5	20.0
6 20	16 8.69	−13 11.3	1.269	2.222	12.1	20.3
6 30	16 2.73	−13 26.0	1.331	2.224	16.2	20.5

133315 2003 SE_{76} 5 30.0 180°.74 1°.1/29.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.27	−19 49.9	2.328	3.132	12.8	20.4
5 1	16 50.72	−19 30.0	2.239	3.133	10.1	20.2
5 11	16 44.17	−19 7.2	2.173	3.133	6.9	20.0
5 21	16 36.13	−18 42.1	2.132	3.133	3.4	19.8
5 31	16 27.37	−18 16.5	2.120	3.133	1.2	19.6
6 10	16 18.73	−17 52.3	2.137	3.132	4.4	19.8
6 20	16 11.02	−17 31.7	2.180	3.131	7.9	20.0
6 30	16 4.91	−17 16.8	2.249	3.129	11.0	20.2

181538 2006 UL_{176} 5 30.0 153°.13 1°.8/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.68	−16 2.0	2.867	3.664	10.8	22.1
5 1	16 48.99	−15 47.1	2.783	3.672	8.5	21.9
5 11	16 42.74	−15 31.9	2.723	3.680	5.8	21.8
5 21	16 35.37	−15 17.6	2.689	3.687	3.1	21.6
5 31	16 27.46	−15 5.4	2.685	3.693	1.9	21.5
6 10	16 19.68	−14 56.5	2.709	3.699	4.1	21.7
6 20	16 12.63	−14 52.1	2.762	3.705	6.8	21.9
6 30	16 6.84	−14 53.0	2.841	3.710	9.3	22.0

181382 2006 SF_{37} 5 30.0 67°.55 0°.7/29.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 56.67	−22 5.5	1.511	2.338	17.5	20.7
5 1	16 52.82	−21 41.8	1.441	2.347	13.7	20.4
5 11	16 46.06	−21 12.0	1.391	2.357	9.4	20.2
5 21	16 37.16	−20 37.1	1.365	2.367	4.5	19.9
5 31	16 27.26	−19 59.4	1.363	2.377	1.0	19.7
6 10	16 17.71	−19 22.7	1.387	2.387	5.7	20.1
6 20	16 9.69	−18 50.8	1.436	2.396	10.3	20.3
6 30	16 4.07	−18 27.2	1.508	2.407	14.3	20.6

336194 2008 RM_{140} 5 30.0 177°.86 4°.1/31.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 59.20	−35 9.1	2.338	3.107	13.8	21.1
5 1	16 54.11	−35 18.8	2.247	3.109	11.3	20.9
5 11	16 46.63	−35 17.0	2.177	3.110	8.5	20.7
5 21	16 37.38	−35 1.6	2.132	3.110	5.7	20.6
5 31	16 27.24	−34 31.6	2.113	3.111	4.1	20.5
6 10	16 17.30	−33 48.7	2.123	3.110	5.3	20.5
6 20	16 8.52	−32 56.4	2.160	3.110	8.0	20.7
6 30	16 1.68	−31 59.9	2.222	3.108	10.9	20.9

135104 2001 QO_{90} 5 30.0 247°.50 3°.9/31.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 56.96	−35 5.9	2.462	3.232	13.2	19.7
5 1	16 52.35	−35 9.4	2.357	3.219	10.9	19.5
5 11	16 45.46	−35 1.6	2.273	3.206	8.2	19.3
5 21	16 36.84	−34 40.5	2.214	3.193	5.5	19.1
5 31	16 27.30	−34 5.4	2.181	3.180	3.9	19.0
6 10	16 17.84	−33 17.7	2.177	3.166	5.1	19.0
6 20	16 9.40	−32 20.9	2.201	3.152	7.8	19.2
6 30	16 2.75	−31 19.8	2.250	3.137	10.7	19.3

359844 2011 UN_{343} 5 30.0 162°.43 4°.0/28.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.57	− 8 11.9	2.873	3.666	10.9	22.0
5 1	16 48.10	− 7 46.6	2.790	3.671	8.8	21.8
5 11	16 42.13	− 7 25.0	2.731	3.675	6.5	21.7
5 21	16 35.08	− 7 9.2	2.698	3.679	4.5	21.6
5 31	16 27.51	− 7 0.9	2.694	3.683	4.1	21.6
6 10	16 20.05	− 7 1.4	2.718	3.686	5.5	21.7
6 20	16 13.28	− 7 11.2	2.769	3.689	7.8	21.8
6 30	16 7.70	− 7 30.0	2.845	3.691	10.0	22.0

87624 2000 RR_{51} 5 30.0 291°.28 4°.8/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 58.62	−31 8.3	1.774	2.573	16.4	19.3
5 1	16 54.90	−32 0.1	1.666	2.549	13.5	19.0
5 11	16 48.02	−32 45.8	1.579	2.525	10.2	18.8
5 21	16 38.43	−33 20.9	1.514	2.500	6.7	18.5
5 31	16 27.10	−33 41.4	1.475	2.476	4.8	18.3
6 10	16 15.42	−33 45.7	1.461	2.451	6.8	18.4
6 20	16 4.87	−33 35.7	1.473	2.427	10.6	18.5
6 30	15 56.74	−33 16.2	1.507	2.402	14.5	18.7

278692 2008 RS_{120} 5 30.0 255°.00 7°.1/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.48	− 5 0.6	2.103	2.907	14.0	21.0
5 1	16 49.55	− 3 49.5	2.011	2.892	11.6	20.8
5 11	16 43.52	− 2 42.6	1.941	2.877	9.2	20.6
5 21	16 35.90	− 1 44.7	1.895	2.862	7.4	20.5
5 31	16 27.41	− 1 0.6	1.876	2.846	7.3	20.5
6 10	16 18.95	− 0 34.1	1.883	2.830	9.1	20.5
6 20	16 11.35	− 0 26.8	1.914	2.814	11.7	20.7
6 30	16 5.35	− 0 38.4	1.967	2.797	14.4	20.8

380946 2006 KX_{26} 5 30.0 100°.87 6°.2/27.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.00	− 6 39.9	2.008	2.817	14.4	21.2
5 1	16 49.80	− 5 42.4	1.941	2.828	11.7	21.0
5 11	16 43.54	− 4 50.3	1.895	2.839	8.9	20.9
5 21	16 35.82	− 4 7.7	1.874	2.849	6.7	20.7
5 31	16 27.43	− 3 38.5	1.879	2.860	6.4	20.7
6 10	16 19.29	− 3 25.0	1.910	2.870	8.1	20.9
6 20	16 12.19	− 3 28.0	1.966	2.880	10.7	21.0
6 30	16 6.78	− 3 46.7	2.045	2.890	13.4	21.2

505315 2012 XY_{91} 5 30.0 78°.59 0°.8/30.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.63	−25 1.9	2.125	2.931	13.8	21.7
5 1	16 50.48	−24 57.7	2.044	2.937	10.9	21.5
5 11	16 44.12	−24 47.6	1.985	2.944	7.5	21.3
5 21	16 36.15	−24 31.4	1.951	2.951	3.8	21.1
5 31	16 27.39	−24 9.7	1.944	2.957	0.9	20.8
6 10	16 18.84	−23 44.5	1.965	2.964	4.3	21.1
6 20	16 11.36	−23 18.4	2.012	2.971	7.9	21.3
6 30	16 5.66	−22 54.6	2.084	2.978	11.2	21.6

167378 2003 WM_{67} 5 30.0 203°.91 0°.9/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 56.14	−23 41.1	2.064	2.870	14.2	20.1
5 1	16 51.85	−23 55.3	1.976	2.869	11.2	19.9
5 11	16 45.19	−24 5.7	1.909	2.868	7.8	19.6
5 21	16 36.74	−24 11.2	1.868	2.868	3.9	19.4
5 31	16 27.33	−24 11.8	1.853	2.867	0.9	19.2
6 10	16 18.00	−24 8.2	1.867	2.865	4.5	19.4
6 20	16 9.73	−24 2.4	1.906	2.864	8.3	19.7
6 30	16 3.32	−23 57.0	1.970	2.863	11.8	19.9

246002 2006 SV_{361} 5 30.0 110°.97 2°.8/28.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.80	−14 48.0	2.414	3.222	12.3	21.0
5 1	16 48.57	−14 9.9	2.337	3.231	9.7	20.8
5 11	16 42.58	−13 31.6	2.283	3.241	6.8	20.7
5 21	16 35.33	−12 55.2	2.256	3.251	3.9	20.5
5 31	16 27.50	−12 23.1	2.256	3.260	3.0	20.4
6 10	16 19.87	−11 57.6	2.284	3.269	5.2	20.6
6 20	16 13.11	−11 40.3	2.340	3.278	8.1	20.8
6 30	16 7.80	−11 32.2	2.419	3.287	10.8	21.0

2535 Hämeenlinna 5 30.0 116°.41 2°.5/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 58.59	−17 49.2	1.479	2.306	17.8	15.9
5 1	16 54.35	−17 20.2	1.408	2.314	14.0	15.7
5 11	16 47.14	−16 48.8	1.357	2.322	9.6	15.4
5 21	16 37.72	−16 17.0	1.330	2.330	5.0	15.2
5 31	16 27.24	−15 47.8	1.327	2.338	2.7	15.0
6 10	16 17.07	−15 24.4	1.350	2.345	6.6	15.3
6 20	16 8.43	−15 9.7	1.398	2.352	11.1	15.6
6 30	16 2.25	−15 5.7	1.467	2.358	15.1	15.8

37791 1997 VB_4 5 30.0 70°.78 1°.0/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 0.01	−22 12.8	1.428	2.253	18.4	18.5
5 1	16 55.84	−22 45.3	1.357	2.261	14.6	18.3
5 11	16 48.41	−23 15.6	1.305	2.269	10.1	18.0
5 21	16 38.44	−23 41.5	1.276	2.277	5.0	17.7
5 31	16 27.15	−24 1.5	1.272	2.285	1.1	17.5
6 10	16 16.09	−24 15.7	1.293	2.293	5.8	17.8
6 20	16 6.66	−24 25.9	1.339	2.302	10.6	18.1
6 30	15 59.93	−24 35.3	1.407	2.310	14.9	18.4

347384 2012 RB_{24} 5 30.0 268°.05 0°.9/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.16	−19 29.1	2.018	2.831	14.2	21.0
5 1	16 51.15	−19 27.6	1.921	2.820	11.2	20.8
5 11	16 44.79	−19 24.4	1.846	2.809	7.7	20.5
5 21	16 36.58	−19 19.8	1.796	2.798	3.8	20.3
5 31	16 27.36	−19 14.4	1.773	2.786	1.1	20.0
6 10	16 18.13	−19 9.8	1.777	2.775	4.9	20.3
6 20	16 9.88	−19 7.6	1.808	2.763	8.9	20.5
6 30	16 3.45	−19 9.7	1.862	2.752	12.5	20.7

497647 2006 RZ_{44} 5 30.0 279°.41 1°.5/30.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 57.66	−25 3.6	1.633	2.450	16.8	22.0
5 1	16 54.05	−25 16.3	1.530	2.429	13.5	21.7
5 11	16 47.35	−25 23.4	1.447	2.408	9.6	21.4
5 21	16 38.06	−25 23.2	1.387	2.387	5.0	21.1
5 31	16 27.18	−25 14.5	1.352	2.365	1.5	20.8
6 10	16 16.10	−24 58.7	1.343	2.343	5.7	21.0
6 20	16 6.23	−24 38.7	1.359	2.321	10.6	21.3
6 30	15 58.77	−24 18.9	1.397	2.299	15.1	21.5

146215 2000 VV_{36} 5 30.0 210°.86 0°.0/30.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.69	−24 8.8	3.123	3.911	10.3	20.3
5 1	16 49.01	−23 39.4	3.019	3.903	8.1	20.1
5 11	16 42.77	−23 4.7	2.939	3.895	5.5	19.9
5 21	16 35.42	−22 25.1	2.887	3.887	2.7	19.7
5 31	16 27.50	−21 42.1	2.864	3.878	0.3	19.5
6 10	16 19.69	−20 57.5	2.872	3.869	3.3	19.8
6 20	16 12.56	−20 13.9	2.908	3.859	6.1	19.9
6 30	16 6.64	−19 33.7	2.971	3.849	8.7	20.1

357948 2005 YD_{106} 5 30.0 58°.29 0°.7/29.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 57.54	−21 46.2	1.281	2.118	19.4	21.2
5 1	16 54.07	−21 31.6	1.214	2.126	15.3	21.0
5 11	16 47.24	−21 11.3	1.166	2.134	10.5	20.7
5 21	16 37.85	−20 45.9	1.139	2.141	5.1	20.5
5 31	16 27.23	−20 17.3	1.136	2.150	0.9	20.2
6 10	16 16.98	−19 49.1	1.158	2.158	6.3	20.6
6 20	16 8.49	−19 25.4	1.203	2.166	11.5	20.9
6 30	16 2.80	−19 9.8	1.269	2.175	15.9	21.2

519292 2011 BF_{169} 5 30.0 312°.35 9°.2/27.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.59	− 1 55.6	1.552	2.370	17.5	21.1
5 1	16 50.42	− 1 8.1	1.468	2.355	14.8	20.9
5 11	16 44.56	− 0 31.7	1.404	2.341	11.9	20.7
5 21	16 36.57	− 0 12.3	1.361	2.328	9.7	20.5
5 31	16 27.36	− 0 15.2	1.342	2.314	9.3	20.5
6 10	16 18.16	− 0 43.0	1.345	2.301	11.2	20.5
6 20	16 10.10	− 1 34.9	1.372	2.289	14.2	20.7
6 30	16 4.16	− 2 47.9	1.418	2.277	17.4	20.9

367726 2010 UU_{13} 5 30.0 214°.25 0°.8/30.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 59.35	−24 28.1	1.996	2.796	14.8	22.3
5 1	16 54.53	−24 30.4	1.899	2.790	11.8	22.0
5 11	16 47.14	−24 27.2	1.824	2.782	8.2	21.8
5 21	16 37.74	−24 17.6	1.774	2.774	4.1	21.5
5 31	16 27.24	−24 1.6	1.752	2.765	0.9	21.3
6 10	16 16.78	−23 40.8	1.757	2.755	4.8	21.5
6 20	16 7.44	−23 18.1	1.789	2.745	8.9	21.8
6 30	16 0.11	−22 57.0	1.845	2.735	12.6	22.0

521050 2015 DO_{236} 5 30.0 308°.13 1°.5/30.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.01	−25 38.6	1.660	2.480	16.5	21.5
5 1	16 51.72	−25 47.4	1.568	2.468	13.2	21.2
5 11	16 45.55	−25 49.6	1.496	2.457	9.3	20.9
5 21	16 37.08	−25 43.9	1.447	2.447	4.9	20.7
5 31	16 27.31	−25 29.8	1.423	2.436	1.6	20.4
6 10	16 17.55	−25 9.2	1.426	2.426	5.4	20.6
6 20	16 9.06	−24 45.2	1.452	2.416	9.9	20.9
6 30	16 2.87	−24 22.1	1.502	2.406	14.1	21.1

494975 2009 WO_{106} 5 30.0 200°.61 10°.4/ 2.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 31.28	−43 28.2	1.149	1.904	25.9	22.1
5 1	17 23.63	−43 55.6	1.058	1.901	22.5	21.8
5 11	17 9.38	−43 56.7	0.982	1.895	18.2	21.5
5 21	16 49.31	−43 15.1	0.923	1.886	13.6	21.2
5 31	16 25.95	−41 37.5	0.888	1.874	10.5	21.0
6 10	16 3.13	−39 5.2	0.878	1.858	11.8	21.0
6 20	15 44.25	−35 56.5	0.892	1.840	16.4	21.2
6 30	15 31.28	−32 38.8	0.928	1.818	21.8	21.4

142091 Omerblaes 5 30.0 187°.33 3°.7/28.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 57.23	−13 35.2	1.900	2.712	15.0	21.0
5 1	16 52.67	−13 3.8	1.816	2.712	11.9	20.8
5 11	16 45.73	−12 33.2	1.753	2.711	8.4	20.6
5 21	16 36.99	−12 6.0	1.716	2.710	5.0	20.4
5 31	16 27.33	−11 44.9	1.705	2.709	3.8	20.3
6 10	16 17.81	−11 32.2	1.721	2.706	6.5	20.4
6 20	16 9.40	−11 29.7	1.763	2.704	10.1	20.6
6 30	16 2.89	−11 38.1	1.828	2.701	13.5	20.8

107104 2001 AT_{34} 5 30.0 229°.03 2°.8/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 0.54	−29 1.7	1.858	2.655	15.9	20.3
5 1	16 55.87	−29 16.0	1.760	2.645	12.8	20.1
5 11	16 48.29	−29 21.9	1.682	2.634	9.2	19.8
5 21	16 38.39	−29 16.8	1.629	2.622	5.3	19.6
5 31	16 27.17	−28 59.6	1.601	2.610	2.8	19.4
6 10	16 15.95	−28 31.4	1.601	2.598	5.5	19.5
6 20	16 5.98	−27 55.9	1.627	2.584	9.5	19.7
6 30	15 58.32	−27 18.3	1.677	2.570	13.4	19.9

286544 2002 CM_{153} 5 30.0 350°.86 0°.1/30.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 52.17	−22 44.7	1.949	2.768	14.4	21.0
5 1	16 48.84	−22 40.5	1.863	2.764	11.4	20.8
5 11	16 43.19	−22 31.9	1.798	2.761	7.8	20.5
5 21	16 35.78	−22 18.9	1.757	2.759	3.8	20.3
5 31	16 27.47	−22 2.3	1.743	2.757	0.4	20.0
6 10	16 19.27	−21 44.1	1.755	2.755	4.6	20.3
6 20	16 12.12	−21 26.7	1.793	2.754	8.6	20.6
6 30	16 6.82	−21 12.8	1.855	2.753	12.1	20.8

439704 2014 KB_{74} 5 30.0 30°.79 2°.0/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.14	−20 53.0	1.877	2.700	14.7	20.0
5 1	16 48.60	−19 47.5	1.805	2.710	11.5	19.9
5 11	16 42.84	−18 35.5	1.755	2.720	7.8	19.7
5 21	16 35.52	−17 20.1	1.730	2.731	4.0	19.4
5 31	16 27.52	−16 5.6	1.732	2.743	2.2	19.3
6 10	16 19.84	−14 56.7	1.761	2.755	5.5	19.6
6 20	16 13.33	−13 57.8	1.817	2.767	9.2	19.8
6 30	16 8.66	−13 11.8	1.895	2.780	12.5	20.1

354137 2002 CL_{70} 5 30.0 184°.02 3°.9/28.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.73	− 9 26.7	2.616	3.416	11.7	21.2
5 1	16 48.45	− 9 2.2	2.530	3.416	9.4	21.0
5 11	16 42.50	− 8 41.1	2.467	3.416	6.8	20.8
5 21	16 35.33	− 8 25.5	2.430	3.415	4.6	20.7
5 31	16 27.54	− 8 17.2	2.421	3.415	4.0	20.7
6 10	16 19.86	− 8 17.8	2.440	3.414	5.7	20.8
6 20	16 12.91	− 8 27.7	2.486	3.413	8.2	20.9
6 30	16 7.28	− 8 47.0	2.556	3.411	10.7	21.1

117943 6219 P–L 5 30.0 289°.11 0°.5/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 56.53	−23 51.8	1.531	2.356	17.4	20.7
5 1	16 53.39	−23 47.0	1.425	2.329	14.0	20.4
5 11	16 47.05	−23 35.4	1.338	2.302	9.8	20.1
5 21	16 37.99	−23 16.0	1.274	2.275	4.9	19.7
5 31	16 27.22	−22 49.1	1.235	2.248	0.7	19.3
6 10	16 16.19	−22 17.1	1.220	2.221	6.0	19.6
6 20	16 6.38	−21 44.2	1.231	2.194	11.3	19.9
6 30	15 59.06	−21 15.4	1.262	2.166	16.2	20.1

5295 Masayo 5 30.0 68°.60 0°.7/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.04	−19 28.5	2.237	3.046	13.1	16.8
5 1	16 49.83	−19 30.8	2.158	3.054	10.3	16.7
5 11	16 43.61	−19 31.6	2.101	3.063	7.0	16.5
5 21	16 35.91	−19 31.3	2.070	3.071	3.4	16.2
5 31	16 27.49	−19 30.3	2.066	3.079	0.9	16.1
6 10	16 19.22	−19 29.9	2.091	3.088	4.3	16.3
6 20	16 11.91	−19 31.3	2.142	3.097	7.8	16.6
6 30	16 6.23	−19 36.1	2.218	3.105	10.8	16.8

122739 2000 ST_{52} 5 30.0 176°.97 2°.0/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 58.60	−28 23.1	2.320	3.107	13.4	21.3
5 1	16 53.52	−28 28.8	2.230	3.109	10.7	21.1
5 11	16 46.20	−28 27.1	2.161	3.111	7.6	20.9
5 21	16 37.20	−28 16.8	2.118	3.112	4.2	20.7
5 31	16 27.35	−27 57.8	2.102	3.112	2.0	20.5
6 10	16 17.63	−27 31.4	2.116	3.112	4.3	20.7
6 20	16 8.97	−27 0.5	2.157	3.112	7.7	20.9
6 30	16 2.10	−26 28.7	2.223	3.110	10.8	21.1

36395 2000 OS_{42} 5 30.0 180°.94 0°.5/30.3 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 57.63	−24 47.9	2.321	3.115	13.1	19.7
5 1	16 52.67	−24 36.1	2.229	3.116	10.4	19.5
5 11	16 45.56	−24 18.4	2.161	3.117	7.2	19.3
5 21	16 36.87	−23 54.5	2.118	3.117	3.6	19.0
5 31	16 27.39	−23 25.3	2.103	3.117	0.6	18.8
6 10	16 18.05	−22 52.8	2.117	3.115	4.1	19.1
6 20	16 9.72	−22 19.9	2.159	3.114	7.7	19.3
6 30	16 3.10	−21 49.6	2.226	3.111	10.9	19.5

164769 1999 AG_{38} 5 30.0 204°.28 4°.8/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.06	− 6 48.5	2.604	3.397	11.9	20.5
5 1	16 49.51	− 6 15.9	2.514	3.393	9.7	20.3
5 11	16 43.25	− 5 47.9	2.447	3.387	7.3	20.1
5 21	16 35.71	− 5 27.0	2.405	3.382	5.4	20.0
5 31	16 27.52	− 5 15.5	2.392	3.376	4.9	20.0
6 10	16 19.40	− 5 15.1	2.406	3.369	6.5	20.0
6 20	16 12.01	− 5 26.4	2.447	3.362	8.9	20.2
6 30	16 5.95	− 5 49.0	2.513	3.354	11.3	20.3

70195 1999 RU_{15} 5 30.0 227°.61 1°.3/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 58.56	−19 36.9	1.972	2.779	14.7	20.3
5 1	16 53.88	−19 18.7	1.873	2.768	11.7	20.1
5 11	16 46.69	−18 57.2	1.795	2.756	8.0	19.8
5 21	16 37.55	−18 33.0	1.743	2.743	4.0	19.6
5 31	16 27.31	−18 7.7	1.717	2.730	1.5	19.4
6 10	16 17.08	−17 43.6	1.720	2.715	5.3	19.6
6 20	16 7.89	−17 23.5	1.749	2.701	9.4	19.8
6 30	16 0.65	−17 10.1	1.802	2.685	13.2	20.0

500155 2012 DF_{81} 5 30.0 18°.62 0°.3/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 54.15	−20 37.4	1.211	2.060	19.7	20.8
5 1	16 51.63	−20 50.1	1.147	2.065	15.5	20.5
5 11	16 45.73	−21 0.4	1.100	2.071	10.6	20.3
5 21	16 37.21	−21 8.1	1.075	2.078	5.2	20.0
5 31	16 27.35	−21 13.1	1.072	2.086	0.7	19.7
6 10	16 17.80	−21 17.1	1.093	2.095	6.3	20.1
6 20	16 9.97	−21 22.2	1.137	2.105	11.5	20.4
6 30	16 4.95	−21 31.1	1.201	2.116	16.0	20.7

276828 2004 PN_{103} 5 30.0 250°.36 0°.9/30.4 18

4 21	16 57.73	−25 34.8	2.313	3.106	13.2	21.5
5 1	16 53.03	−25 28.5	2.200	3.085	10.6	21.2
5 11	16 46.03	−25 15.9	2.109	3.064	7.4	21.0
5 21	16 37.21	−24 56.2	2.043	3.042	3.8	20.7
5 31	16 27.35	−24 29.6	2.006	3.019	0.9	20.5
6 10	16 17.43	−23 57.8	1.997	2.996	4.3	20.7
6 20	16 8.39	−23 23.8	2.016	2.972	8.1	20.9
6 30	16 1.06	−22 51.0	2.061	2.947	11.6	21.0

472329 2015 AS_{165} 5 30.0 103°.07 9°.3/27.9 16

4 21	16 57.00	+ 2 5.5	1.822	2.612	16.4	21.6
5 1	16 52.36	+ 2 48.0	1.758	2.621	13.9	21.4
5 11	16 45.42	+ 3 16.6	1.714	2.630	11.5	21.3
5 21	16 36.81	+ 3 26.4	1.692	2.639	9.7	21.2
5 31	16 27.42	+ 3 13.8	1.695	2.648	9.4	21.2
6 10	16 18.28	+ 2 38.2	1.723	2.657	10.7	21.3
6 20	16 10.32	+ 1 41.5	1.774	2.665	12.9	21.4
6 30	16 4.26	+ 0 27.1	1.847	2.674	15.3	21.6

11476 Stefanosimoni 5 30.0 356°.22 2°.8/29.3 18

4 21	16 48.09	−18 15.5	1.027	1.897	20.8	17.2
5 1	16 47.38	−17 49.7	0.960	1.891	16.5	16.9
5 11	16 43.13	−17 20.7	0.910	1.886	11.4	16.6
5 21	16 36.06	−16 51.2	0.879	1.883	5.9	16.3
5 31	16 27.48	−16 25.3	0.870	1.881	3.0	16.1
6 10	16 19.11	−16 7.3	0.881	1.882	7.8	16.4
6 20	16 12.50	−16 0.7	0.913	1.883	13.3	16.7
6 30	16 8.82	−16 7.4	0.964	1.887	18.2	16.9

465348 2007 WC_{6} 5 30.0 212°.06 2°.7/30.8 17

4 21	17 1.83	−28 25.4	1.959	2.751	15.3	21.9
5 1	16 56.72	−28 49.5	1.862	2.744	12.4	21.7
5 11	16 48.80	−29 6.7	1.786	2.736	8.9	21.4
5 21	16 38.64	−29 14.4	1.734	2.728	5.1	21.2
5 31	16 27.21	−29 10.9	1.710	2.719	2.7	21.0
6 10	16 15.77	−28 56.8	1.713	2.709	5.3	21.2
6 20	16 5.53	−28 35.0	1.743	2.698	9.2	21.4
6 30	15 57.50	−28 9.8	1.797	2.687	12.9	21.6

250708 2005 RJ_{30} 5 30.0 195°.47 5°.1/26.9 18

4 21	16 51.25	− 3 48.5	3.153	3.937	10.2	21.7
5 1	16 46.98	− 3 0.9	3.066	3.934	8.4	21.6
5 11	16 41.35	− 2 18.0	3.003	3.931	6.7	21.5
5 21	16 34.74	− 1 42.5	2.966	3.927	5.4	21.4
5 31	16 27.65	− 1 16.8	2.958	3.923	5.2	21.4
6 10	16 20.63	− 1 2.6	2.977	3.918	6.4	21.4
6 20	16 14.20	− 1 0.6	3.022	3.912	8.2	21.5
6 30	16 8.83	− 1 10.6	3.092	3.907	10.0	21.7

417667 2007 AJ 5 30.0 77°.31 2°.4/29.9 15

4 21	17 10.11	−11 2.6	1.787	2.575	16.7	21.0
5 1	17 2.58	−12 1.6	1.727	2.609	13.2	20.8
5 11	16 52.33	−13 8.3	1.690	2.642	9.1	20.7
5 21	16 40.12	−14 20.8	1.679	2.675	4.9	20.5
5 31	16 27.08	−15 36.3	1.697	2.707	2.4	20.4
6 10	16 14.48	−16 52.1	1.746	2.739	5.6	20.6
6 20	16 3.43	−18 6.1	1.824	2.771	9.4	20.9
6 30	15 54.75	−19 17.4	1.928	2.801	12.8	21.2

59470 1999 HM 5 30.0 78°.11 2°.3/30.8 18

4 21	16 57.36	−27 32.5	1.750	2.559	16.2	19.4
5 1	16 53.32	−27 46.5	1.668	2.561	13.0	19.2
5 11	16 46.47	−27 52.8	1.606	2.563	9.2	19.0
5 21	16 37.47	−27 49.6	1.568	2.564	5.1	18.7
5 31	16 27.35	−27 36.3	1.555	2.566	2.3	18.6
6 10	16 17.40	−27 14.6	1.569	2.568	5.2	18.8
6 20	16 8.80	−26 47.7	1.609	2.570	9.3	19.0
6 30	16 2.47	−26 20.2	1.672	2.571	13.1	19.2

130152 1999 XV_{213} 5 30.0 264°.09 4°.1/28.9 18

4 21	16 56.83	− 9 52.7	2.136	2.939	13.9	20.0
5 1	16 52.32	− 9 46.4	2.031	2.920	11.2	19.8
5 11	16 45.56	− 9 45.0	1.949	2.901	8.2	19.5
5 21	16 37.01	− 9 50.7	1.891	2.881	5.2	19.3
5 31	16 27.40	−10 5.0	1.861	2.861	4.2	19.2
6 10	16 17.68	−10 28.9	1.859	2.841	6.4	19.3
6 20	16 8.79	−11 2.5	1.883	2.820	9.8	19.5
6 30	16 1.56	−11 45.4	1.931	2.799	13.1	19.6

259965 2004 FS_{15} 5 30.0 162°.22 7°.9/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	17 1.91	−15 9.1	1.211	2.047	20.4	20.3
5 1	16 57.40	−12 34.7	1.142	2.051	16.4	20.0
5 11	16 49.44	− 9 50.1	1.094	2.055	11.9	19.8
5 21	16 38.91	− 7 5.9	1.069	2.058	8.4	19.6
5 31	16 27.22	− 4 35.7	1.070	2.060	8.4	19.6
6 10	16 16.01	− 2 32.2	1.096	2.062	11.9	19.8
6 20	16 6.70	− 1 2.8	1.144	2.064	16.2	20.0
6 30	16 0.28	− 0 9.4	1.211	2.064	20.1	20.3

1632 Sieböhme 5 30.0 294°.57 2°.8/28.9 18 R

4 21	16 53.37	−17 14.4	1.767	2.592	15.4	15.9
5 1	16 50.05	−16 35.7	1.672	2.577	12.2	15.6
5 11	16 44.21	−15 53.7	1.598	2.563	8.5	15.3
5 21	16 36.39	−15 10.8	1.549	2.548	4.6	15.1
5 31	16 27.48	−14 30.3	1.525	2.534	3.0	14.9
6 10	16 18.60	−13 55.7	1.527	2.519	6.3	15.1
6 20	16 10.79	−13 30.4	1.555	2.505	10.5	15.3
6 30	16 4.96	−13 16.8	1.605	2.491	14.3	15.5

398546 2011 UA_{338} 5 30.0 222°.35 4°.5/27.3 16

4 21	16 52.13	−10 13.8	2.588	3.391	11.7	21.5
5 1	16 48.03	− 9 12.1	2.497	3.384	9.4	21.4
5 11	16 42.25	− 8 11.2	2.429	3.377	7.0	21.2
5 21	16 35.25	− 7 14.4	2.388	3.370	4.9	21.0
5 31	16 27.63	− 6 25.0	2.375	3.363	4.6	21.0
6 10	16 20.09	− 5 46.0	2.390	3.355	6.4	21.1
6 20	16 13.29	− 5 19.3	2.431	3.347	8.9	21.3
6 30	16 7.81	− 5 5.8	2.496	3.339	11.3	21.4

316937 2001 BO_{83} 5 30.0 63°.15 1°.5/29.6 17

4 21	16 57.58	−19 16.8	1.407	2.239	18.3	21.3
5 1	16 53.68	−19 3.7	1.343	2.252	14.4	21.1
5 11	16 46.75	−18 47.9	1.299	2.266	9.8	20.9
5 21	16 37.58	−18 30.7	1.278	2.280	4.8	20.6
5 31	16 27.38	−18 13.8	1.281	2.294	1.7	20.5
6 10	16 17.57	−17 59.9	1.310	2.308	6.1	20.8
6 20	16 9.38	−17 51.5	1.363	2.322	10.8	21.1
6 30	16 3.72	−17 51.0	1.437	2.337	14.8	21.4

34311 2000 QE_{188} 5 30.0 137°.80 4°.6/28.3 18

4 21	16 53.54	− 7 37.2	2.476	3.275	12.3	19.5
5 1	16 49.13	− 7 12.4	2.398	3.281	9.9	19.3
5 11	16 42.99	− 6 52.5	2.342	3.287	7.4	19.2
5 21	16 35.59	− 6 39.7	2.312	3.293	5.2	19.0
5 31	16 27.60	− 6 36.2	2.310	3.298	4.7	19.0
6 10	16 19.74	− 6 43.1	2.335	3.304	6.3	19.1
6 20	16 12.69	− 7 0.7	2.387	3.309	8.7	19.3
6 30	16 7.03	− 7 28.5	2.463	3.314	11.2	19.5

508260 2015 HM_{100} 5 30.0 147°.60 0°.3/30.2 18

4 21	16 56.16	−22 44.5	2.143	2.948	13.8	21.6
5 1	16 51.71	−22 50.1	2.058	2.951	10.9	21.4
5 11	16 45.03	−22 52.1	1.995	2.954	7.5	21.2
5 21	16 36.68	−22 50.0	1.957	2.957	3.7	21.0
5 31	16 27.48	−22 44.1	1.947	2.960	0.5	20.7
6 10	16 18.40	−22 35.6	1.964	2.963	4.3	21.0
6 20	16 10.36	−22 26.5	2.009	2.965	8.0	21.2
6 30	16 4.10	−22 19.2	2.078	2.968	11.3	21.5

396360 2014 DL_{88} 5 30.0 50°.42 1°.4/29.5 17

4 21	16 53.98	−18 47.4	2.059	2.873	13.9	21.1
5 1	16 50.02	−18 34.0	1.975	2.875	10.9	20.9
5 11	16 43.89	−18 18.6	1.913	2.876	7.5	20.6
5 21	16 36.12	−18 2.3	1.876	2.877	3.7	20.4
5 31	16 27.54	−17 46.4	1.867	2.879	1.5	20.3
6 10	16 19.10	−17 32.8	1.884	2.880	4.8	20.5
6 20	16 11.67	−17 23.5	1.928	2.882	8.5	20.7
6 30	16 5.98	−17 20.2	1.996	2.883	11.9	20.9

148013 1997 US_{20} 5 30.0 169°.12 2°.2/30.9 17

4 21	16 59.80	−28 41.9	2.277	3.062	13.7	21.5
5 1	16 54.52	−28 52.9	2.188	3.066	10.9	21.3
5 11	16 46.93	−28 56.4	2.121	3.070	7.8	21.1
5 21	16 37.59	−28 51.0	2.080	3.073	4.4	20.9
5 31	16 27.38	−28 36.2	2.067	3.076	2.2	20.8
6 10	16 17.32	−28 13.4	2.082	3.078	4.5	20.9
6 20	16 8.36	−27 45.2	2.125	3.079	7.8	21.1
6 30	16 1.26	−27 15.4	2.193	3.080	11.0	21.3

499317 2009 WH_{103} 5 30.0 191°.28 0°.4/29.9 17

4 21	16 58.17	−20 46.3	2.485	3.279	12.4	22.7
5 1	16 52.97	−20 47.3	2.390	3.277	9.8	22.5
5 11	16 45.74	−20 46.0	2.317	3.275	6.7	22.3
5 21	16 37.00	−20 42.2	2.271	3.271	3.3	22.1
5 31	16 27.46	−20 36.3	2.254	3.268	0.5	21.8
6 10	16 17.98	−20 29.4	2.266	3.263	4.1	22.1
6 20	16 9.36	−20 23.1	2.307	3.258	7.5	22.3
6 30	16 2.32	−20 19.3	2.373	3.252	10.5	22.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
43024 1999 VU_{12}			5 30.0 220°.41		0°.3/30.1 18	
	h m	° ′			°	m
4 21	16 57.40	−21 48.2	2.201	3.002	13.6	18.6
5 1	16 52.75	−22 4.5	2.105	2.996	10.7	18.4
5 11	16 45.82	−22 18.7	2.031	2.990	7.4	18.2
5 21	16 37.12	−22 30.0	1.983	2.984	3.6	17.9
5 31	16 27.44	−22 38.0	1.963	2.977	0.5	17.6
6 10	16 17.77	−22 43.4	1.971	2.970	4.4	17.9
6 20	16 9.05	−22 47.4	2.007	2.962	8.1	18.1
6 30	16 2.07	−22 52.0	2.067	2.955	11.5	18.3
94968 2001 YX_{106}			5 30.0 173°.92		4°.6/28.8 17	
4 21	16 58.88	−11 42.0	1.662	2.479	16.6	19.9
5 1	16 54.32	−11 15.4	1.584	2.481	13.3	19.6
5 11	16 47.06	−10 52.2	1.526	2.483	9.5	19.4
5 21	16 37.75	−10 35.1	1.491	2.484	5.9	19.2
5 31	16 27.38	−10 27.0	1.483	2.484	4.7	19.1
6 10	16 17.18	−10 29.9	1.501	2.485	7.4	19.3
6 20	16 8.27	−10 44.8	1.543	2.485	11.2	19.5
6 30	16 1.52	−11 11.5	1.608	2.484	14.9	19.7
291523 2006 EW_{8}			5 30.0 234°.01		0°.6/30.3 17	
4 21	16 57.12	−23 53.9	2.258	3.056	13.3	22.1
5 1	16 52.52	−23 54.0	2.155	3.044	10.6	21.9
5 11	16 45.66	−23 49.5	2.075	3.032	7.4	21.6
5 21	16 37.05	−23 39.7	2.019	3.019	3.7	21.4
5 31	16 27.46	−23 24.8	1.992	3.005	0.6	21.1
6 10	16 17.86	−23 6.4	1.993	2.991	4.3	21.4
6 20	16 9.18	−22 46.6	2.021	2.977	8.1	21.6
6 30	16 2.23	−22 28.4	2.075	2.962	11.5	21.7
20072 1994 AG_{1}			5 30.0 52°.79		4°.4/28.9 18	
4 21	16 56.47	−14 19.9	1.281	2.122	19.2	18.3
5 1	16 52.87	−13 40.8	1.226	2.139	15.2	18.1
5 11	16 46.21	−13 3.2	1.190	2.156	10.6	17.9
5 21	16 37.31	−12 30.7	1.176	2.173	6.2	17.7
5 31	16 27.44	−12 7.2	1.185	2.191	4.5	17.7
6 10	16 18.07	−11 55.8	1.219	2.209	7.8	17.9
6 20	16 10.39	−11 57.9	1.275	2.227	12.1	18.2
6 30	16 5.29	−12 13.7	1.353	2.246	16.0	18.5
507031 2008 UD_{128}			5 30.0 237°.62		1°.6/29.3 17	
4 21	16 55.08	−19 27.6	2.228	3.035	13.2	22.3
5 1	16 50.80	−18 51.9	2.129	3.024	10.5	22.1
5 11	16 44.40	−18 12.0	2.052	3.013	7.2	21.9
5 21	16 36.40	−17 29.4	2.001	3.001	3.7	21.6
5 31	16 27.54	−16 46.2	1.977	2.988	1.8	21.5
6 10	16 18.74	−16 5.6	1.982	2.976	4.9	21.7
6 20	16 10.86	−15 30.5	2.014	2.963	8.6	21.9
6 30	16 4.62	−15 3.5	2.071	2.949	11.9	22.0
309127 2006 XR_{9}			5 30.0 131°.35		0°.7/30.4 17	
4 21	16 54.22	−24 34.0	2.524	3.321	12.1	21.7
5 1	16 49.83	−24 33.9	2.439	3.327	9.6	21.6
5 11	16 43.56	−24 29.0	2.376	3.333	6.6	21.4
5 21	16 35.92	−24 19.3	2.339	3.338	3.3	21.2
5 31	16 27.60	−24 5.0	2.330	3.343	0.7	21.0
6 10	16 19.42	−23 47.6	2.350	3.348	3.7	21.2
6 20	16 12.12	−23 29.2	2.397	3.353	7.0	21.4
6 30	16 6.33	−23 12.0	2.470	3.358	9.9	21.6
123891 2001 DL_{51}			5 30.0 0°.20		7°.4/28.9 18	
4 21	16 54.66	− 3 36.7	1.569	2.387	17.3	18.7
5 1	16 51.13	− 3 24.1	1.495	2.386	14.3	18.5
5 11	16 44.96	− 3 23.9	1.440	2.385	11.1	18.3
5 21	16 36.76	− 3 40.1	1.407	2.384	8.3	18.1
5 31	16 27.51	− 4 15.2	1.399	2.385	7.4	18.1
6 10	16 18.38	− 5 9.1	1.415	2.386	9.3	18.2
6 20	16 10.49	− 6 19.8	1.455	2.388	12.4	18.3
6 30	16 4.72	− 7 43.7	1.517	2.390	15.7	18.6
88181 2000 XT_{36}			5 30.0 237°.80		7°.1/ 1.3 18	
4 21	17 2.53	−40 14.8	2.202	2.952	15.1	19.3
5 1	16 57.54	−41 11.1	2.101	2.940	12.9	19.1
5 11	16 49.55	−41 55.8	2.021	2.928	10.5	18.9
5 21	16 39.12	−42 23.8	1.964	2.916	8.2	18.8
5 31	16 27.25	−42 30.9	1.932	2.903	7.1	18.7
6 10	16 15.27	−42 16.3	1.927	2.890	7.8	18.7
6 20	16 4.53	−41 42.5	1.947	2.876	10.0	18.8
6 30	15 56.12	−40 55.3	1.991	2.862	12.6	18.9
240715 2005 GK_{113}			5 30.0 213°.08		2°.1/29.2 17	
4 21	16 54.47	−17 25.9	2.176	2.986	13.4	21.0
5 1	16 50.30	−16 59.6	2.086	2.983	10.6	20.8
5 11	16 44.04	−16 31.4	2.019	2.979	7.3	20.6
5 21	16 36.21	−16 2.9	1.977	2.976	3.8	20.4
5 31	16 27.58	−15 36.0	1.962	2.972	2.2	20.3
6 10	16 19.05	−15 13.3	1.975	2.967	5.1	20.5
6 20	16 11.47	−14 56.7	2.015	2.963	8.6	20.7
6 30	16 5.53	−14 48.0	2.079	2.958	11.8	20.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
227880 2007 ET_{25}			5 30.0 61°.64		2°.6/30.7 17	
	h m	° ′			°	m
4 21	17 0.24	−26 42.5	1.565	2.378	17.6	20.7
5 1	16 55.64	−27 15.3	1.505	2.400	14.0	20.5
5 11	16 48.03	−27 41.1	1.465	2.422	9.8	20.3
5 21	16 38.20	−27 57.4	1.448	2.445	5.4	20.1
5 31	16 27.38	−28 2.8	1.457	2.467	2.6	20.0
6 10	16 16.98	−27 58.6	1.492	2.490	5.5	20.2
6 20	16 8.22	−27 47.8	1.552	2.512	9.6	20.5
6 30	16 2.00	−27 34.8	1.634	2.535	13.3	20.8
76941 2001 BA_{5}			5 30.0 154°.71		0°.5/29.9 18	
4 21	16 59.81	−19 52.1	1.725	2.538	16.2	19.6
5 1	16 55.13	−20 3.8	1.644	2.542	12.8	19.4
5 11	16 47.67	−20 14.1	1.584	2.546	8.8	19.1
5 21	16 38.08	−20 22.7	1.548	2.550	4.3	18.9
5 31	16 27.38	−20 29.4	1.539	2.553	0.7	18.6
6 10	16 16.83	−20 35.2	1.557	2.556	5.3	18.9
6 20	16 7.58	−20 41.7	1.601	2.558	9.7	19.2
6 30	16 0.56	−20 50.9	1.668	2.560	13.5	19.4
106171 2000 TT_{70}			5 30.0 144°.59		8°.5/26.3 18	
4 21	16 52.89	+ 7 25.5	2.740	3.493	12.4	19.9
5 1	16 48.42	+ 8 14.0	2.674	3.500	10.8	19.8
5 11	16 42.41	+ 8 50.4	2.629	3.506	9.5	19.7
5 21	16 35.31	+ 9 11.1	2.608	3.512	8.6	19.7
5 31	16 27.70	+ 9 13.3	2.611	3.518	8.6	19.7
6 10	16 20.25	+ 8 55.9	2.640	3.524	9.4	19.8
6 20	16 13.54	+ 8 19.9	2.692	3.529	10.7	19.9
6 30	16 8.09	+ 7 27.4	2.767	3.534	12.2	20.0
214985 2008 AP_{110}			5 30.0 350°.75		5°.7/28.3 18	
4 21	16 52.37	− 6 37.3	1.998	2.810	14.3	20.0
5 1	16 48.75	− 6 8.8	1.918	2.808	11.7	19.8
5 11	16 43.03	− 5 46.9	1.859	2.806	8.8	19.6
5 21	16 35.74	− 5 34.8	1.824	2.804	6.4	19.4
5 31	16 27.65	− 5 35.2	1.815	2.802	5.8	19.4
6 10	16 19.67	− 5 49.7	1.832	2.801	7.6	19.5
6 20	16 12.63	− 6 18.2	1.874	2.800	10.4	19.7
6 30	16 7.25	− 6 59.6	1.938	2.800	13.3	19.8
137073 1998 WG_{33}			5 30.1 275°.73		0°.9/29.8 18	
4 21	16 57.04	−19 55.3	1.740	2.558	15.9	19.7
5 1	16 53.25	−19 51.2	1.636	2.537	12.7	19.4
5 11	16 46.65	−19 44.7	1.552	2.516	8.8	19.2
5 21	16 37.74	−19 35.8	1.492	2.494	4.4	18.8
5 31	16 27.43	−19 25.4	1.458	2.471	1.1	18.5
6 10	16 16.95	−19 15.2	1.451	2.449	5.6	18.8
6 20	16 7.53	−19 7.7	1.469	2.426	10.3	19.0
6 30	16 0.26	−19 5.6	1.509	2.403	14.6	19.2
111196 2001 WO_{19}			5 30.1 260°.78		0°.4/30.2 18	
4 21	16 56.77	−23 29.9	1.840	2.653	15.4	20.0
5 1	16 52.80	−23 26.6	1.743	2.640	12.3	19.7
5 11	16 46.17	−23 17.9	1.666	2.627	8.5	19.5
5 21	16 37.42	−23 3.4	1.614	2.614	4.2	19.2
5 31	16 27.48	−22 43.4	1.588	2.601	0.5	18.9
6 10	16 17.54	−22 20.1	1.588	2.588	5.0	19.2
6 20	16 8.72	−21 56.4	1.615	2.574	9.4	19.4
6 30	16 1.98	−21 35.8	1.665	2.561	13.4	19.6
224554 2005 WB_{152}			5 30.1 202°.45		2°.3/30.6 18	
4 21	17 0.57	−26 28.4	2.142	2.933	14.2	20.6
5 1	16 55.45	−27 4.8	2.047	2.929	11.4	20.4
5 11	16 47.81	−27 36.9	1.974	2.926	8.1	20.2
5 21	16 38.17	−28 2.6	1.926	2.921	4.5	19.9
5 31	16 27.41	−28 19.8	1.907	2.916	2.3	19.8
6 10	16 16.62	−28 28.5	1.915	2.911	4.8	19.9
6 20	16 6.88	−28 30.1	1.951	2.905	8.4	20.1
6 30	15 59.09	−28 27.7	2.012	2.899	11.8	20.3
510468 2011 WF_{72}			5 30.1 228°.91		0°.7/30.3 18	
4 21	16 56.77	−22 40.8	2.807	3.595	11.3	21.8
5 1	16 51.80	−23 6.7	2.701	3.585	8.9	21.6
5 11	16 44.97	−23 30.8	2.619	3.574	6.2	21.4
5 21	16 36.68	−23 52.3	2.564	3.563	3.1	21.2
5 31	16 27.58	−24 10.5	2.538	3.551	0.7	21.0
6 10	16 18.41	−24 25.2	2.542	3.539	3.6	21.2
6 20	16 9.94	−24 37.3	2.574	3.527	6.7	21.4
6 30	16 2.82	−24 48.2	2.633	3.514	9.6	21.6
354791 2005 UK_{314}			5 30.1 304°.54		0°.5/30.2 18	
4 21	16 55.31	−21 19.6	2.090	2.900	13.9	19.9
5 1	16 51.39	−21 48.5	1.987	2.883	11.1	19.7
5 11	16 45.10	−22 16.7	1.906	2.866	7.7	19.4
5 21	16 36.89	−22 43.4	1.849	2.850	3.8	19.2
5 31	16 27.54	−23 7.4	1.820	2.834	0.6	18.9
6 10	16 18.07	−23 28.8	1.819	2.818	4.6	19.1
6 20	16 9.48	−23 48.0	1.844	2.802	8.5	19.4
6 30	16 2.66	−24 6.6	1.893	2.787	12.1	19.5

217324 2004 QY_{13} 5 30.1 349°.92 3°.5/ 1.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 54.76	−36 35.5	1.710	2.505	17.1	18.5
5 1	16 51.45	−35 38.2	1.618	2.497	14.1	18.2
5 11	16 45.23	−34 18.7	1.545	2.490	10.4	18.0
5 21	16 36.88	−32 36.1	1.495	2.484	6.4	17.7
5 31	16 27.58	−30 33.1	1.472	2.479	3.6	17.5
6 10	16 18.67	−28 16.8	1.476	2.474	5.5	17.7
6 20	16 11.30	−25 57.0	1.507	2.471	9.5	17.9
6 30	16 6.32	−23 43.8	1.562	2.469	13.4	18.1

133553 2003 UF_{5} 5 30.1 258°.79 0°.8/30.4 17

4 21	16 55.53	−24 40.7	2.017	2.825	14.4	20.8
5 1	16 51.53	−24 37.8	1.923	2.817	11.5	20.6
5 11	16 45.11	−24 28.9	1.851	2.810	7.9	20.3
5 21	16 36.84	−24 13.7	1.803	2.802	4.0	20.1
5 31	16 27.57	−23 52.6	1.781	2.795	0.8	19.8
6 10	16 18.37	−23 27.5	1.788	2.787	4.6	20.1
6 20	16 10.22	−23 1.3	1.820	2.779	8.6	20.3
6 30	16 3.97	−22 37.3	1.877	2.771	12.2	20.5

227914 2007 ET_{208} 5 30.1 15°.22 2°.1/30.5 17

4 21	16 58.61	−24 38.7	1.700	2.513	16.4	20.7
5 1	16 54.47	−25 20.9	1.617	2.513	13.1	20.5
5 11	16 47.43	−25 59.9	1.555	2.514	9.2	20.3
5 21	16 38.07	−26 33.2	1.517	2.515	4.9	20.0
5 31	16 27.45	−26 58.7	1.505	2.516	2.1	19.8
6 10	16 16.88	−27 15.8	1.519	2.518	5.4	20.1
6 20	16 7.62	−27 26.1	1.559	2.519	9.6	20.3
6 30	16 0.69	−27 32.6	1.622	2.521	13.5	20.5

239758 2010 AU_{75} 5 30.1 133°.00 6°.6/27.7 17

4 21	16 55.34	− 4 6.8	2.121	2.919	14.1	20.8
5 1	16 50.80	− 3 21.0	2.050	2.928	11.6	20.6
5 11	16 44.27	− 2 42.6	2.002	2.937	9.0	20.5
5 21	16 36.30	− 2 15.4	1.977	2.945	7.1	20.3
5 31	16 27.66	− 2 2.4	1.979	2.953	6.7	20.3
6 10	16 19.22	− 2 5.6	2.007	2.960	8.2	20.4
6 20	16 11.76	− 2 24.9	2.061	2.968	10.6	20.6
6 30	16 5.93	− 2 58.9	2.137	2.974	13.1	20.8

171779 2001 BF_{40} 5 30.1 122°.79 2°.1/30.7 16

4 21	17 2.88	−26 49.7	1.865	2.661	15.9	22.0
5 1	16 57.30	−27 9.3	1.793	2.678	12.6	21.9
5 11	16 49.00	−27 22.1	1.741	2.695	8.8	21.7
5 21	16 38.68	−27 26.1	1.715	2.711	4.8	21.4
5 31	16 27.41	−27 20.6	1.715	2.726	2.1	21.3
6 10	16 16.45	−27 6.9	1.743	2.741	5.0	21.5
6 20	16 6.92	−26 48.0	1.798	2.755	8.9	21.8
6 30	15 59.67	−26 28.0	1.878	2.768	12.4	22.0

82162 2001 GO_{6} 5 30.1 53°.27 1°.6/29.7 18

4 21	16 57.57	−18 48.5	1.334	2.170	18.9	19.2
5 1	16 53.78	−18 39.2	1.276	2.187	14.8	19.0
5 11	16 46.88	−18 28.2	1.238	2.205	10.1	18.7
5 21	16 37.70	−18 16.4	1.221	2.223	5.0	18.5
5 31	16 27.51	−18 5.5	1.229	2.242	1.8	18.3
6 10	16 17.79	−17 57.9	1.262	2.261	6.2	18.7
6 20	16 9.77	−17 55.8	1.319	2.280	10.9	19.0
6 30	16 4.35	−18 1.1	1.397	2.299	15.0	19.3

380182 2000 SN_{157} 5 30.1 212°.27 4°.6/31.9 18

4 21	17 1.20	−35 50.0	2.497	3.255	13.3	22.0
5 1	16 55.80	−36 18.5	2.394	3.247	11.0	21.8
5 11	16 47.97	−36 37.2	2.313	3.238	8.5	21.7
5 21	16 38.23	−36 42.8	2.256	3.229	6.0	21.5
5 31	16 27.45	−36 33.4	2.227	3.218	4.6	21.4
6 10	16 16.69	−36 9.5	2.227	3.208	5.6	21.4
6 20	16 6.96	−35 33.6	2.253	3.196	8.1	21.6
6 30	15 59.11	−34 50.2	2.305	3.184	10.8	21.7

86301 1999 VL_{43} 5 30.1 267°.80 1°.0/30.5 18

4 21	16 54.21	−25 20.2	2.543	3.338	12.1	20.5
5 1	16 50.06	−25 23.0	2.434	3.321	9.6	20.3
5 11	16 43.91	−25 20.9	2.347	3.303	6.7	20.1
5 21	16 36.22	−25 13.2	2.286	3.285	3.5	19.8
5 31	16 27.66	−25 0.1	2.254	3.266	1.0	19.6
6 10	16 19.07	−24 42.6	2.249	3.248	3.9	19.8
6 20	16 11.24	−24 22.8	2.273	3.229	7.3	20.0
6 30	16 4.90	−24 3.2	2.321	3.210	10.4	20.1

64914 2001 YD_{96} 5 30.1 47°.49 0°.7/30.3 18

4 21	16 54.90	−23 17.3	2.181	2.987	13.5	19.9
5 1	16 50.75	−23 33.7	2.097	2.991	10.7	19.7
5 11	16 44.42	−23 46.8	2.036	2.995	7.4	19.5
5 21	16 36.45	−23 55.8	1.999	2.999	3.7	19.2
5 31	16 27.65	−24 0.4	1.990	3.003	0.8	19.0
6 10	16 18.96	−24 1.5	2.009	3.008	4.2	19.3
6 20	16 11.26	−24 0.6	2.054	3.013	7.8	19.5
6 30	16 5.28	−23 59.8	2.125	3.017	11.0	19.7

191843 2004 VD_{26} 5 30.1 254°.82 0°.9/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 56.57	−25 25.2	2.056	2.860	14.3	20.6
5 1	16 52.38	−25 19.0	1.954	2.846	11.4	20.3
5 11	16 45.75	−25 6.1	1.873	2.831	8.0	20.1
5 21	16 37.19	−24 46.0	1.817	2.817	4.1	19.8
5 31	16 27.56	−24 18.9	1.788	2.802	1.0	19.5
6 10	16 17.94	−23 46.8	1.787	2.786	4.6	19.8
6 20	16 9.33	−23 13.1	1.812	2.771	8.7	20.0
6 30	16 2.63	−22 41.4	1.862	2.755	12.3	20.2

280982 2006 DO_{68} 5 30.1 47°.15 9°.3/28.7 18

4 21	16 56.50	+ 1 58.6	1.691	2.487	17.2	20.1
5 1	16 52.18	+ 2 27.4	1.630	2.498	14.5	20.0
5 11	16 45.44	+ 2 40.6	1.588	2.509	11.9	19.8
5 21	16 36.93	+ 2 33.7	1.568	2.520	9.9	19.7
5 31	16 27.61	+ 2 3.6	1.572	2.532	9.4	19.7
6 10	16 18.57	+ 1 10.5	1.600	2.544	10.7	19.8
6 20	16 10.78	− 0 2.9	1.652	2.556	13.0	20.0
6 30	16 5.00	− 1 32.2	1.726	2.568	15.6	20.2

192821 1999 VU_{82} 5 30.1 313°.70 7°.0/26.9 18

4 21	16 50.90	−10 6.0	1.575	2.409	16.5	19.7
5 1	16 48.40	− 8 45.8	1.482	2.388	13.5	19.4
5 11	16 43.29	− 7 25.0	1.411	2.367	10.2	19.2
5 21	16 36.08	− 6 9.6	1.362	2.347	7.5	19.0
5 31	16 27.68	− 5 6.2	1.337	2.326	7.3	18.9
6 10	16 19.25	− 4 20.9	1.337	2.307	9.8	19.0
6 20	16 11.91	− 3 57.3	1.359	2.288	13.5	19.1
6 30	16 6.62	− 3 56.3	1.402	2.269	17.1	19.3

222560 2001 VY_{46} 5 30.1 184°.85 1°.3/29.7 18

4 21	16 59.44	−16 59.3	2.322	3.118	13.1	20.6
5 1	16 54.10	−17 10.6	2.230	3.118	10.3	20.4
5 11	16 46.63	−17 22.8	2.161	3.118	7.1	20.2
5 21	16 37.52	−17 35.6	2.118	3.117	3.6	19.9
5 31	16 27.54	−17 49.4	2.103	3.115	1.4	19.8
6 10	16 17.62	−18 4.6	2.118	3.113	4.5	20.0
6 20	16 8.60	−18 21.7	2.161	3.110	8.0	20.2
6 30	16 1.24	−18 41.8	2.230	3.107	11.2	20.4

318129 2004 NS_{33} 5 30.1 279°.08 0°.3/30.1 18

4 21	16 57.52	−20 36.5	2.520	3.314	12.2	20.4
5 1	16 52.75	−21 10.4	2.404	3.291	9.7	20.2
5 11	16 45.87	−21 44.7	2.310	3.267	6.7	20.0
5 21	16 37.25	−22 18.5	2.244	3.244	3.4	19.7
5 31	16 27.57	−22 50.5	2.206	3.220	0.5	19.5
6 10	16 17.68	−23 20.2	2.198	3.196	4.0	19.7
6 20	16 8.46	−23 47.8	2.218	3.171	7.6	19.9
6 30	16 0.71	−24 14.2	2.264	3.147	10.8	20.0

81205 2000 FW_{10} 5 30.1 280°.33 1°.2/29.6 18 R

4 21	16 53.89	−19 44.1	2.049	2.864	14.0	19.5
5 1	16 50.12	−19 27.3	1.956	2.855	11.0	19.3
5 11	16 44.09	−19 7.4	1.884	2.846	7.6	19.1
5 21	16 36.35	−18 45.4	1.837	2.838	3.8	18.8
5 31	16 27.68	−18 22.8	1.817	2.829	1.3	18.6
6 10	16 19.07	−18 1.8	1.824	2.821	4.9	18.9
6 20	16 11.44	−17 44.7	1.857	2.812	8.7	19.1
6 30	16 5.56	−17 33.8	1.915	2.803	12.2	19.3

185076 2006 RZ_{69} 5 30.1 209°.83 0°.4/30.2 17

4 21	16 59.13	−23 42.9	1.981	2.784	14.8	21.8
5 1	16 54.39	−23 38.9	1.887	2.779	11.8	21.6
5 11	16 47.10	−23 29.5	1.814	2.773	8.1	21.4
5 21	16 37.85	−23 14.3	1.766	2.766	4.0	21.1
5 31	16 27.53	−22 53.6	1.745	2.759	0.5	20.8
6 10	16 17.27	−22 29.4	1.752	2.751	4.7	21.1
6 20	16 8.14	−22 4.6	1.785	2.742	8.9	21.4
6 30	16 1.01	−21 42.5	1.843	2.733	12.6	21.6

506965 2008 RM_{92} 5 30.1 258°.48 0°.3/29.9 17

4 21	16 56.02	−21 54.4	1.987	2.798	14.5	22.2
5 1	16 51.98	−21 47.0	1.888	2.785	11.5	22.0
5 11	16 45.49	−21 35.4	1.811	2.772	7.9	21.8
5 21	16 37.08	−21 19.7	1.758	2.759	3.9	21.5
5 31	16 27.61	−21 0.7	1.732	2.746	0.5	21.2
6 10	16 18.13	−20 40.4	1.734	2.733	4.8	21.5
6 20	16 9.67	−20 21.3	1.762	2.719	8.9	21.7
6 30	16 3.10	−20 6.3	1.814	2.705	12.7	21.9

55176 2001 QD_{262} 5 30.1 169°.38 2°.4/28.9 18

4 21	16 56.93	−17 24.2	2.125	2.932	13.8	19.6
5 1	16 52.20	−16 43.8	2.041	2.936	10.9	19.4
5 11	16 45.32	−16 0.8	1.979	2.939	7.5	19.2
5 21	16 36.87	−15 17.2	1.943	2.942	4.0	19.0
5 31	16 27.66	−14 35.7	1.935	2.944	2.5	18.9
6 10	16 18.63	−13 59.3	1.955	2.945	5.4	19.0
6 20	16 10.64	−13 30.7	2.002	2.946	8.9	19.3
6 30	16 4.39	−13 11.8	2.073	2.947	12.1	19.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
115974 2003 WS_{54}			5 30.1 271°.74		1°.5/30.7 17	
	h m	° ′			°	m
4 21	16 55.46	−27 10.2	1.985	2.790	14.7	20.1
5 1	16 51.54	−27 2.2	1.892	2.784	11.7	19.9
5 11	16 45.16	−26 45.9	1.821	2.778	8.2	19.7
5 21	16 36.89	−26 20.7	1.774	2.772	4.4	19.4
5 31	16 27.65	−25 47.1	1.754	2.766	1.5	19.2
6 10	16 18.52	−25 7.6	1.761	2.760	4.6	19.4
6 20	16 10.52	−24 25.7	1.794	2.755	8.6	19.7
6 30	16 4.48	−23 45.7	1.852	2.749	12.2	19.9
363426 2003 SH_{14}			5 30.1 280°.93		0°.6/29.9 17	
4 21	16 57.92	−21 22.3	1.604	2.426	16.9	21.7
5 1	16 54.37	−21 14.0	1.495	2.398	13.6	21.5
5 11	16 47.72	−21 1.0	1.406	2.370	9.5	21.1
5 21	16 38.44	−20 43.2	1.339	2.341	4.7	20.8
5 31	16 27.47	−20 21.5	1.298	2.312	0.8	20.4
6 10	16 16.20	−19 58.0	1.283	2.282	6.0	20.7
6 20	16 6.03	−19 36.3	1.293	2.253	11.2	20.9
6 30	15 58.22	−19 20.5	1.324	2.222	16.0	21.1
301567 2009 HT_{36}			5 30.1 28°.84		0°.3/29.9 17	
4 21	16 53.55	−21 48.2	1.990	2.806	14.3	20.4
5 1	16 49.83	−21 41.7	1.910	2.810	11.2	20.2
5 11	16 43.86	−21 31.5	1.851	2.814	7.7	20.0
5 21	16 36.21	−21 17.7	1.817	2.819	3.7	19.8
5 31	16 27.73	−21 1.4	1.810	2.824	0.5	19.5
6 10	16 19.42	−20 44.6	1.830	2.829	4.5	19.9
6 20	16 12.18	−20 29.4	1.876	2.834	8.4	20.1
6 30	16 6.76	−20 18.3	1.945	2.840	11.8	20.3
381813 2009 VC_{23}			5 30.1 183°.25		0°.7/29.8 18	
4 21	16 57.43	−20 33.1	2.171	2.974	13.7	21.9
5 1	16 52.69	−20 25.6	2.082	2.974	10.8	21.7
5 11	16 45.74	−20 15.2	2.015	2.974	7.4	21.5
5 21	16 37.12	−20 2.1	1.973	2.974	3.6	21.3
5 31	16 27.64	−19 47.4	1.960	2.973	0.8	21.1
6 10	16 18.27	−19 32.6	1.975	2.972	4.5	21.3
6 20	16 9.91	−19 19.9	2.016	2.970	8.2	21.6
6 30	16 3.31	−19 11.3	2.083	2.967	11.6	21.8
181845 1998 TS_{31}			5 30.1 215°.76		3°.7/28.6 17	
4 21	16 56.89	−13 33.9	2.042	2.850	14.2	20.9
5 1	16 52.37	−12 55.1	1.949	2.843	11.3	20.7
5 11	16 45.59	−12 16.3	1.879	2.835	8.1	20.5
5 21	16 37.07	−11 40.0	1.834	2.827	4.9	20.3
5 31	16 27.64	−11 9.4	1.816	2.818	3.9	20.2
6 10	16 18.27	−10 47.2	1.825	2.809	6.4	20.3
6 20	16 9.89	−10 35.4	1.861	2.798	9.9	20.5
6 30	16 3.28	−10 35.3	1.920	2.788	13.2	20.7
403972 2012 BQ_{83}			5 30.1 250°.39		1°.7/29.6 17	
4 21	16 59.35	−18 9.9	1.720	2.535	16.2	21.8
5 1	16 55.05	−18 2.9	1.619	2.519	12.9	21.5
5 11	16 47.90	−17 54.6	1.539	2.502	9.0	21.2
5 21	16 38.40	−17 45.6	1.483	2.484	4.6	20.9
5 31	16 27.50	−17 37.1	1.453	2.466	1.8	20.7
6 10	16 16.47	−17 30.9	1.450	2.447	5.9	20.9
6 20	16 6.57	−17 29.1	1.473	2.427	10.6	21.1
6 30	15 58.87	−17 34.1	1.518	2.407	14.8	21.3
89575 2001 XD_{119}			5 30.1 263°.11		3°.8/29.2 18	
4 21	16 57.72	−11 18.6	1.961	2.768	14.7	19.4
5 1	16 53.31	−11 13.9	1.858	2.751	11.9	19.2
5 11	16 46.45	−11 13.8	1.778	2.733	8.6	18.9
5 21	16 37.61	−11 20.0	1.721	2.714	5.2	18.7
5 31	16 27.60	−11 34.1	1.692	2.695	3.9	18.6
6 10	16 17.47	−11 57.2	1.690	2.676	6.5	18.7
6 20	16 8.25	−12 29.3	1.714	2.657	10.2	18.8
6 30	16 0.86	−13 10.4	1.762	2.637	13.8	19.0
390161 2012 VH_{101}			5 30.1 172°.59		1°.2/29.6 17	
4 21	16 54.65	−19 14.7	2.198	3.007	13.3	21.5
5 1	16 50.45	−18 59.7	2.112	3.008	10.5	21.3
5 11	16 44.18	−18 42.3	2.048	3.009	7.2	21.1
5 21	16 36.35	−18 23.5	2.009	3.009	3.6	20.8
5 31	16 27.75	−18 4.6	1.998	3.010	1.3	20.7
6 10	16 19.27	−17 47.5	2.014	3.010	4.6	20.9
6 20	16 11.75	−17 34.2	2.058	3.010	8.2	21.1
6 30	16 5.88	−17 26.6	2.126	3.010	11.4	21.3
320385 2007 UT_{36}			5 30.1 206°.24		3°.8/31.2 17	
4 21	17 2.68	−30 40.3	1.898	2.686	15.9	21.8
5 1	16 57.62	−31 13.5	1.804	2.681	13.0	21.6
5 11	16 49.59	−31 38.6	1.731	2.676	9.5	21.4
5 21	16 39.19	−31 52.1	1.681	2.669	5.9	21.1
5 31	16 27.45	−31 51.7	1.658	2.663	3.8	21.0
6 10	16 15.71	−31 37.5	1.663	2.655	5.8	21.1
6 20	16 5.26	−31 12.6	1.694	2.647	9.5	21.3
6 30	15 57.16	−30 42.2	1.748	2.638	13.1	21.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
478117 2011 UR_{97}			5 30.1 320°.95		0°.4/30.3 16	
	h m	° ′			°	m
4 21	16 52.81	−24 5.3	1.885	2.703	14.9	21.5
5 1	16 49.61	−23 56.6	1.791	2.691	11.8	21.2
5 11	16 43.95	−23 41.8	1.717	2.680	8.2	21.0
5 21	16 36.37	−23 20.7	1.668	2.669	4.1	20.7
5 31	16 27.74	−22 54.4	1.644	2.658	0.6	20.4
6 10	16 19.16	−22 25.0	1.647	2.648	4.8	20.7
6 20	16 11.65	−21 55.7	1.676	2.638	9.0	20.9
6 30	16 6.08	−21 30.2	1.728	2.628	12.7	21.1
177336 2003 YS_{99}			5 30.1 238°.58		2°.7/29.3 17	
4 21	16 58.09	−15 47.8	1.831	2.644	15.4	20.9
5 1	16 53.74	−15 31.1	1.735	2.633	12.3	20.6
5 11	16 46.79	−15 14.3	1.660	2.621	8.6	20.4
5 21	16 37.78	−14 58.9	1.610	2.608	4.7	20.1
5 31	16 27.60	−14 47.0	1.586	2.595	2.8	20.0
6 10	16 17.40	−14 40.4	1.589	2.581	6.1	20.1
6 20	16 8.26	−14 41.1	1.618	2.567	10.2	20.3
6 30	16 1.14	−14 50.6	1.670	2.553	14.0	20.5
161382 2003 TJ_{11}			5 30.1 233°.54		0°.5/29.9 18	
4 21	16 55.19	−22 2.5	2.091	2.899	13.9	20.1
5 1	16 51.08	−21 41.1	1.998	2.894	11.0	19.9
5 11	16 44.73	−21 14.7	1.927	2.889	7.5	19.7
5 21	16 36.67	−20 43.9	1.882	2.883	3.7	19.4
5 31	16 27.73	−20 10.2	1.863	2.877	0.7	19.2
6 10	16 18.89	−19 36.2	1.873	2.871	4.6	19.5
6 20	16 11.06	−19 5.0	1.909	2.864	8.5	19.7
6 30	16 5.01	−18 39.4	1.969	2.858	11.9	19.9
5619 Shair			5 30.1 308°.65		15°.7/18.2 18	A
4 21	16 50.75	+10 45.9	1.648	2.429	18.2	16.7
5 1	16 48.18	+13 16.5	1.574	2.405	16.8	16.5
5 11	16 43.11	+15 32.7	1.520	2.382	15.9	16.4
5 21	16 36.03	+17 23.6	1.486	2.360	15.7	16.3
5 31	16 27.80	+18 39.5	1.472	2.337	16.4	16.3
6 10	16 19.52	+19 14.5	1.477	2.315	17.8	16.3
6 20	16 12.27	+19 7.9	1.499	2.294	19.7	16.4
6 30	16 6.96	+18 22.7	1.535	2.273	21.6	16.5
183192 2002 TR_{4}			5 30.1 206°.26		0°.1/30.1 18	
4 21	16 59.31	−22 15.9	2.114	2.913	14.1	20.8
5 1	16 54.36	−22 16.5	2.018	2.908	11.2	20.6
5 11	16 47.02	−22 13.4	1.944	2.902	7.7	20.4
5 21	16 37.83	−22 6.2	1.895	2.896	3.8	20.2
5 31	16 27.62	−21 55.1	1.874	2.888	0.4	19.9
6 10	16 17.46	−21 41.7	1.882	2.880	4.6	20.2
6 20	16 8.32	−21 28.1	1.917	2.872	8.5	20.4
6 30	16 1.05	−21 16.9	1.976	2.862	12.0	20.6
355170 2006 WG_{11}			5 30.1 129°.24		2°.3/30.9 18	
4 21	16 58.16	−28 36.8	2.823	3.598	11.5	21.8
5 1	16 52.83	−29 10.7	2.739	3.611	9.2	21.7
5 11	16 45.62	−29 39.5	2.679	3.623	6.6	21.5
5 21	16 37.02	−30 1.5	2.646	3.636	3.9	21.4
5 31	16 27.72	−30 15.5	2.642	3.648	2.3	21.3
6 10	16 18.52	−30 21.8	2.667	3.659	3.9	21.4
6 20	16 10.17	−30 21.6	2.720	3.670	6.5	21.6
6 30	16 3.29	−30 17.2	2.800	3.681	9.1	21.8
502711 2015 DR_{22}			5 30.1 153°.73		2°.7/29.2 17	
4 21	16 56.80	−15 18.8	1.962	2.773	14.6	21.6
5 1	16 52.33	−15 2.3	1.881	2.778	11.5	21.4
5 11	16 45.56	−14 46.4	1.822	2.781	8.0	21.2
5 21	16 37.07	−14 32.6	1.787	2.785	4.4	21.0
5 31	16 27.72	−14 22.6	1.780	2.788	2.8	20.9
6 10	16 18.52	−14 18.2	1.800	2.791	5.6	21.1
6 20	16 10.41	−14 20.7	1.846	2.794	9.3	21.3
6 30	16 4.15	−14 31.2	1.916	2.796	12.6	21.5
181036 2005 OV_{20}			5 30.1 273°.23		4°.5/31.9 17	
4 21	16 56.66	−34 39.7	2.271	3.048	13.9	21.1
5 1	16 52.43	−35 7.7	2.177	3.043	11.5	20.9
5 11	16 45.77	−35 25.9	2.105	3.038	8.7	20.7
5 21	16 37.24	−35 31.3	2.056	3.034	6.0	20.5
5 31	16 27.70	−35 22.4	2.034	3.029	4.5	20.4
6 10	16 18.23	−34 59.8	2.039	3.025	5.6	20.5
6 20	16 9.83	−34 26.3	2.070	3.020	8.3	20.7
6 30	16 3.34	−33 46.4	2.126	3.015	11.2	20.8
188449 2004 HV_{41}			5 30.1 174°.93		0°.7/29.8 17	R
4 21	16 58.11	−20 51.4	1.965	2.773	14.7	21.6
5 1	16 53.46	−20 39.7	1.879	2.775	11.6	21.4
5 11	16 46.40	−20 24.4	1.815	2.776	8.0	21.2
5 21	16 37.51	−20 5.9	1.776	2.777	3.9	20.9
5 31	16 27.68	−19 45.4	1.765	2.778	0.9	20.7
6 10	16 18.01	−19 25.0	1.781	2.778	4.9	21.0
6 20	16 9.47	−19 7.3	1.823	2.778	8.9	21.2
6 30	16 2.88	−18 54.6	1.890	2.777	12.4	21.4

222678 2001 YR_{53} 5 30.1 144°.64 1°.1/30.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 58.87	−26 10.4	2.197	2.990	13.8	21.0
5 1	16 53.78	−26 3.6	2.115	3.000	11.0	20.8
5 11	16 46.44	−25 49.9	2.055	3.010	7.6	20.6
5 21	16 37.46	−25 28.9	2.021	3.019	3.9	20.4
5 31	16 27.71	−25 1.2	2.014	3.027	1.1	20.2
6 10	16 18.19	−24 28.9	2.036	3.035	4.2	20.4
6 20	16 9.79	−23 55.0	2.086	3.042	7.8	20.7
6 30	16 3.24	−23 23.1	2.161	3.049	11.1	20.9

249306 2008 UT_{74} 5 30.1 29°.66 2°.2/30.8 17

4 21	16 56.89	−27 36.3	1.206	2.043	20.4	20.3
5 1	16 54.08	−27 33.4	1.138	2.048	16.3	20.0
5 11	16 47.62	−27 18.7	1.088	2.053	11.5	19.8
5 21	16 38.33	−26 50.6	1.058	2.058	6.1	19.5
5 31	16 27.62	−26 9.9	1.051	2.064	2.2	19.2
6 10	16 17.29	−25 20.7	1.068	2.070	6.3	19.5
6 20	16 8.89	−24 29.6	1.108	2.077	11.6	19.8
6 30	16 3.52	−23 43.2	1.168	2.084	16.2	20.1

143344 2003 AT_{77} 5 30.1 186°.72 0°.5/29.9 18

4 21	16 56.86	−19 11.8	2.617	3.411	11.8	20.4
5 1	16 51.90	−19 28.5	2.523	3.410	9.3	20.2
5 11	16 45.07	−19 44.8	2.452	3.410	6.4	20.0
5 21	16 36.80	−20 0.4	2.408	3.408	3.1	19.8
5 31	16 27.78	−20 15.2	2.393	3.407	0.6	19.6
6 10	16 18.79	−20 29.4	2.408	3.405	3.8	19.8
6 20	16 10.58	−20 43.7	2.451	3.403	7.1	20.0
6 30	16 3.81	−20 59.3	2.520	3.400	10.0	20.2

140508 2001 TN_{165} 5 30.1 252°.79 2°.3/28.9 17

4 21	16 53.19	−17 30.9	2.345	3.153	12.6	20.1
5 1	16 49.22	−16 46.7	2.247	3.143	10.0	19.9
5 11	16 43.32	−15 59.3	2.173	3.133	6.9	19.7
5 21	16 35.97	−15 10.8	2.125	3.123	3.7	19.5
5 31	16 27.86	−14 23.9	2.104	3.112	2.5	19.4
6 10	16 19.83	−13 41.6	2.112	3.101	5.1	19.5
6 20	16 12.64	−13 6.6	2.146	3.090	8.4	19.7
6 30	16 6.95	−12 41.1	2.205	3.079	11.5	19.9

242762 2005 WY_{126} 5 30.1 210°.90 3°.1/28.7 18

4 21	16 55.93	−16 9.4	2.060	2.871	14.0	20.7
5 1	16 51.59	−15 21.8	1.970	2.866	11.1	20.4
5 11	16 45.05	−14 31.7	1.902	2.861	7.8	20.2
5 21	16 36.84	−13 41.8	1.859	2.855	4.4	20.0
5 31	16 27.78	−12 55.1	1.844	2.849	3.2	19.9
6 10	16 18.84	−12 15.2	1.856	2.843	5.9	20.1
6 20	16 10.91	−11 44.8	1.895	2.836	9.5	20.3
6 30	16 4.72	−11 26.1	1.957	2.829	12.8	20.5

308574 2005 UX_{423} 5 30.1 148°.93 0°.1/30.1 18

4 21	16 53.88	−22 32.7	2.658	3.455	11.6	22.1
5 1	16 49.52	−22 30.1	2.571	3.460	9.1	22.0
5 11	16 43.38	−22 24.2	2.506	3.464	6.2	21.8
5 21	16 35.95	−22 15.0	2.468	3.468	3.0	21.6
5 31	16 27.89	−22 3.0	2.458	3.472	0.3	21.3
6 10	16 19.94	−21 49.5	2.477	3.475	3.6	21.6
6 20	16 12.79	−21 36.3	2.524	3.479	6.7	21.8
6 30	16 7.04	−21 25.1	2.596	3.482	9.5	22.0

223054 2002 TR_{134} 5 30.1 169°.06 2°.9/31.7 18

4 21	16 53.84	−33 18.6	3.066	3.834	10.9	20.8
5 1	16 49.41	−33 28.0	2.972	3.835	8.8	20.7
5 11	16 43.28	−33 29.5	2.902	3.837	6.6	20.5
5 21	16 35.90	−33 21.8	2.857	3.838	4.3	20.4
5 31	16 27.90	−33 4.7	2.840	3.839	2.9	20.3
6 10	16 20.00	−32 39.0	2.851	3.840	4.0	20.4
6 20	16 12.88	−32 7.0	2.891	3.841	6.2	20.5
6 30	16 7.11	−31 31.5	2.957	3.842	8.5	20.7

192755 1999 TL_{265} 5 30.1 285°.90 2°.3/31.2 18

4 21	16 56.61	−30 29.9	1.878	2.679	15.6	19.6
5 1	16 52.86	−30 8.8	1.771	2.657	12.7	19.3
5 11	16 46.35	−29 34.7	1.683	2.636	9.1	19.0
5 21	16 37.64	−28 46.2	1.620	2.615	5.2	18.8
5 31	16 27.71	−27 43.8	1.583	2.593	2.3	18.5
6 10	16 17.78	−26 30.9	1.572	2.572	5.1	18.7
6 20	16 9.04	−25 13.0	1.589	2.550	9.4	18.9
6 30	16 2.47	−23 57.0	1.629	2.528	13.4	19.1

163090 2002 AK_{80} 5 30.1 97°.12 2°.4/30.8 18

4 21	17 1.64	−27 33.5	1.495	2.308	18.3	20.1
5 1	16 57.05	−27 47.9	1.428	2.322	14.6	19.9
5 11	16 49.23	−27 53.4	1.379	2.336	10.3	19.7
5 21	16 38.99	−27 47.8	1.353	2.350	5.6	19.5
5 31	16 27.59	−27 30.6	1.352	2.363	2.4	19.3
6 10	16 16.58	−27 3.9	1.377	2.376	5.7	19.5
6 20	16 7.30	−26 32.3	1.427	2.389	10.2	19.8
6 30	16 0.72	−26 1.0	1.500	2.402	14.2	20.1

503577 2016 GN_{39} 5 30.1 198°.40 2°.8/30.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	17 1.19	−28 8.2	1.722	2.525	16.7	22.4
5 1	16 56.60	−28 31.3	1.635	2.523	13.5	22.2
5 11	16 48.98	−28 46.9	1.567	2.521	9.6	21.9
5 21	16 38.94	−28 52.3	1.523	2.518	5.5	21.7
5 31	16 27.59	−28 45.8	1.505	2.515	2.8	21.5
6 10	16 16.32	−28 28.6	1.514	2.511	5.6	21.7
6 20	16 6.43	−28 4.0	1.548	2.507	9.8	21.9
6 30	15 58.99	−27 36.8	1.606	2.502	13.7	22.1

364591 2007 RK_{144} 5 30.1 301°.70 5°.9/31.4 17

4 21	16 57.09	−32 28.5	1.327	2.148	19.8	20.9
5 1	16 54.85	−33 12.1	1.229	2.124	16.5	20.6
5 11	16 48.76	−33 45.3	1.148	2.100	12.5	20.3
5 21	16 39.26	−34 2.4	1.088	2.076	8.4	19.9
5 31	16 27.53	−33 58.3	1.050	2.052	5.9	19.7
6 10	16 15.43	−33 32.2	1.035	2.029	8.2	19.8
6 20	16 4.90	−32 48.2	1.043	2.006	12.8	20.0
6 30	15 57.57	−31 54.6	1.070	1.984	17.6	20.2

380293 2002 CK_{143} 5 30.1 237°.47 2°.0/29.3 18

4 21	16 56.96	−17 39.8	2.233	3.037	13.3	21.4
5 1	16 52.39	−17 14.4	2.129	3.022	10.6	21.2
5 11	16 45.64	−16 46.6	2.047	3.006	7.3	21.0
5 21	16 37.18	−16 17.7	1.990	2.989	3.9	20.7
5 31	16 27.78	−15 49.8	1.962	2.972	2.1	20.6
6 10	16 18.35	−15 25.0	1.962	2.954	5.1	20.7
6 20	16 9.80	−15 5.8	1.989	2.936	8.8	20.9
6 30	16 2.89	−14 54.2	2.041	2.917	12.1	21.1

354145 2002 CF_{109} 5 30.1 145°.89 5°.9/ 2.3 18

4 21	17 0.12	−42 52.3	2.898	3.622	12.3	21.7
5 1	16 54.70	−43 26.1	2.812	3.630	10.6	21.6
5 11	16 47.07	−43 47.7	2.747	3.638	8.6	21.5
5 21	16 37.80	−43 54.1	2.707	3.646	6.9	21.4
5 31	16 27.73	−43 43.4	2.692	3.653	5.9	21.3
6 10	16 17.83	−43 16.3	2.705	3.660	6.3	21.4
6 20	16 8.99	−42 35.2	2.745	3.666	7.8	21.5
6 30	16 1.94	−41 44.7	2.810	3.673	9.6	21.6

83354 2001 RB_{151} 5 30.1 119°.65 6°.1/27.6 18

4 21	16 53.30	− 4 31.0	2.317	3.115	13.1	19.7
5 1	16 49.11	− 3 45.0	2.245	3.123	10.7	19.5
5 11	16 43.11	− 3 5.4	2.195	3.130	8.3	19.4
5 21	16 35.83	− 2 35.8	2.170	3.138	6.5	19.3
5 31	16 27.93	− 2 19.0	2.171	3.145	6.2	19.3
6 10	16 20.20	− 2 16.8	2.199	3.152	7.7	19.4
6 20	16 13.35	− 2 29.5	2.253	3.159	9.9	19.5
6 30	16 7.94	− 2 56.2	2.329	3.165	12.2	19.7

121402 1999 TK_{131} 5 30.1 85°.71 7°.2/ 1.6 18

4 21	17 2.43	−39 21.8	1.927	2.691	16.5	19.8
5 1	16 57.58	−40 22.2	1.854	2.702	13.9	19.6
5 11	16 49.61	−41 9.1	1.800	2.714	11.1	19.4
5 21	16 39.22	−41 37.5	1.769	2.726	8.6	19.3
5 31	16 27.59	−41 43.6	1.762	2.738	7.2	19.2
6 10	16 16.18	−41 27.5	1.782	2.749	8.0	19.3
6 20	16 6.32	−40 53.2	1.826	2.761	10.2	19.5
6 30	15 59.03	−40 6.9	1.893	2.772	12.8	19.7

483152 2015 OC_{74} 5 30.1 298°.20 4°.0/31.8 18

4 21	16 55.14	−33 46.8	2.224	3.007	14.0	21.5
5 1	16 51.41	−33 59.1	2.113	2.985	11.5	21.3
5 11	16 45.22	−34 0.9	2.023	2.963	8.7	21.1
5 21	16 37.07	−33 49.8	1.957	2.940	5.8	20.9
5 31	16 27.80	−33 24.5	1.918	2.918	4.0	20.7
6 10	16 18.48	−32 45.9	1.905	2.896	5.4	20.7
6 20	16 10.14	−31 57.5	1.919	2.874	8.5	20.9
6 30	16 3.69	−31 3.9	1.957	2.852	11.7	21.0

279327 2009 XZ_{18} 5 30.1 88°.21 5°.2/28.9 17

4 21	16 56.38	− 8 2.7	1.886	2.696	15.2	20.2
5 1	16 52.00	− 7 45.5	1.813	2.703	12.2	20.0
5 11	16 45.35	− 7 34.9	1.761	2.710	9.0	19.8
5 21	16 37.00	− 7 33.6	1.732	2.718	6.1	19.6
5 31	16 27.83	− 7 43.6	1.731	2.725	5.2	19.6
6 10	16 18.84	− 8 5.9	1.755	2.732	7.2	19.7
6 20	16 10.96	− 8 40.0	1.805	2.739	10.3	19.9
6 30	16 4.91	− 9 24.8	1.879	2.746	13.4	20.1

312203 2007 VR_{244} 5 30.1 186°.40 8°.5/28.4 18

4 21	17 2.23	+ 2 22.7	2.054	2.823	15.5	20.6
5 1	16 56.42	+ 2 47.3	1.972	2.823	13.2	20.4
5 11	16 48.30	+ 2 58.6	1.911	2.822	10.8	20.2
5 21	16 38.44	+ 2 52.6	1.874	2.821	9.0	20.1
5 31	16 27.69	+ 2 26.1	1.864	2.818	8.5	20.1
6 10	16 17.05	+ 1 38.8	1.880	2.815	9.8	20.2
6 20	16 7.46	+ 0 32.4	1.921	2.812	12.1	20.3
6 30	15 59.69	− 0 49.6	1.987	2.807	14.6	20.5

58696 1998 BW_{26} 5 30.1 171°.72 1°.8/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 57.26	−17 50.5	2.056	2.864	14.2	19.6
5 1	16 52.65	−17 31.5	1.971	2.866	11.2	19.4
5 11	16 45.77	−17 11.0	1.908	2.869	7.7	19.1
5 21	16 37.22	−16 49.9	1.871	2.870	4.0	18.9
5 31	16 27.81	−16 30.1	1.861	2.872	1.9	18.8
6 10	16 18.55	−16 13.6	1.879	2.873	5.1	19.0
6 20	16 10.34	−16 2.4	1.923	2.873	8.8	19.2
6 30	16 3.93	−15 58.2	1.992	2.873	12.2	19.4

362046 2009 BH_{9} 5 30.1 136°.42 13°.0/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 2.16	+12 27.1	1.844	2.584	17.9	20.9
5 1	16 56.40	+13 28.4	1.790	2.598	16.0	20.8
5 11	16 48.23	+14 8.7	1.754	2.611	14.3	20.7
5 21	16 38.34	+14 21.5	1.738	2.623	13.2	20.7
5 31	16 27.71	+14 2.6	1.745	2.634	13.1	20.7
6 10	16 17.44	+13 11.6	1.775	2.645	13.9	20.8
6 20	16 8.46	+11 51.9	1.827	2.654	15.4	20.9
6 30	16 1.53	+10 9.2	1.899	2.664	17.1	21.0

65832 1996 XN_{5} 5 30.1 151°.54 0°.1/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 0.65	−22 9.9	1.925	2.728	15.2	19.4
5 1	16 55.51	−22 10.4	1.844	2.736	12.0	19.2
5 11	16 47.83	−22 6.9	1.785	2.744	8.2	19.0
5 21	16 38.24	−21 59.2	1.751	2.752	4.0	18.8
5 31	16 27.72	−21 47.7	1.744	2.758	0.4	18.5
6 10	16 17.40	−21 34.0	1.766	2.764	4.8	18.8
6 20	16 8.31	−21 20.4	1.814	2.770	8.8	19.1
6 30	16 1.29	−21 10.0	1.886	2.774	12.4	19.3

435676 2008 TO_{37} 5 30.1 257°.35 0°.8/30.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 56.54	−24 51.5	1.998	2.804	14.6	21.8
5 1	16 52.47	−24 48.7	1.899	2.792	11.6	21.5
5 11	16 45.91	−24 39.9	1.821	2.780	8.1	21.3
5 21	16 37.40	−24 24.3	1.767	2.767	4.1	21.0
5 31	16 27.80	−24 2.2	1.741	2.754	0.9	20.7
6 10	16 18.20	−23 35.7	1.742	2.741	4.7	21.0
6 20	16 9.64	−23 7.6	1.769	2.728	8.8	21.2
6 30	16 3.03	−22 41.5	1.820	2.714	12.5	21.4

91965 1999 VM_{89} 5 30.1 43°.15 0°.2/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.58	−22 56.0	2.142	2.951	13.6	19.0
5 1	16 49.72	−22 54.7	2.064	2.960	10.7	18.8
5 11	16 43.74	−22 49.3	2.008	2.969	7.3	18.6
5 21	16 36.21	−22 39.8	1.977	2.978	3.6	18.4
5 31	16 27.94	−22 26.9	1.973	2.987	0.4	18.1
6 10	16 19.84	−22 12.1	1.997	2.997	4.2	18.5
6 20	16 12.77	−21 57.6	2.047	3.006	7.8	18.7
6 30	16 7.40	−21 45.8	2.122	3.016	11.0	18.9

366511 2002 PA_{170} 5 30.1 37°.53 0°.9/30.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 56.80	−26 35.7	1.458	2.282	18.1	21.1
5 1	16 53.35	−26 11.0	1.382	2.285	14.4	20.9
5 11	16 46.77	−25 35.0	1.326	2.289	10.0	20.7
5 21	16 37.85	−24 48.0	1.292	2.293	5.1	20.4
5 31	16 27.77	−23 51.9	1.283	2.297	1.0	20.1
6 10	16 18.02	−22 51.5	1.300	2.301	5.6	20.4
6 20	16 9.87	−21 52.6	1.341	2.305	10.4	20.7
6 30	16 4.28	−21 1.1	1.404	2.310	14.7	21.0

53414 1999 NK_{19} 5 30.1 25°.88 5°.1/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 56.13	−37 43.6	1.862	2.645	16.3	18.5
5 1	16 52.38	−37 39.7	1.785	2.652	13.6	18.4
5 11	16 45.85	−37 19.3	1.726	2.659	10.4	18.2
5 21	16 37.30	−36 40.1	1.691	2.667	7.2	18.0
5 31	16 27.83	−35 41.9	1.681	2.676	5.2	17.9
6 10	16 18.75	−34 28.2	1.696	2.685	6.2	18.0
6 20	16 11.16	−33 5.0	1.738	2.695	9.1	18.2
6 30	16 5.86	−31 39.4	1.804	2.705	12.2	18.4

338848 2003 XD_{26} 5 30.1 108°.53 1°.7/29.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 56.09	−18 33.4	2.352	3.154	12.8	21.7
5 1	16 51.24	−18 1.1	2.281	3.173	10.0	21.5
5 11	16 44.52	−17 26.4	2.233	3.192	6.8	21.4
5 21	16 36.50	−16 50.9	2.211	3.210	3.5	21.2
5 31	16 27.92	−16 16.6	2.218	3.228	1.8	21.1
6 10	16 19.61	−15 45.9	2.253	3.246	4.5	21.3
6 20	16 12.29	−15 21.0	2.316	3.263	7.7	21.5
6 30	16 6.55	−15 3.4	2.404	3.280	10.6	21.8

414753 2010 GK_{28} 5 30.1 345°.90 6°.1/29.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.27	−11 4.1	1.085	1.943	20.7	20.1
5 1	16 50.58	−10 36.6	1.014	1.935	16.8	19.9
5 11	16 45.40	−10 15.2	0.961	1.929	12.2	19.6
5 21	16 37.40	−10 4.6	0.927	1.923	7.8	19.3
5 31	16 27.81	−10 9.1	0.914	1.918	6.2	19.2
6 10	16 18.31	−10 31.2	0.923	1.914	9.5	19.4
6 20	16 10.44	−11 10.9	0.953	1.912	14.3	19.6
6 30	16 5.46	−12 6.3	1.001	1.910	18.9	19.9

93556 2000 UK_{31} 5 30.1 26°.30 0°.4/30.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 56.77	−22 33.6	1.761	2.577	15.8	20.1
5 1	16 52.83	−22 43.7	1.678	2.578	12.5	19.9
5 11	16 46.22	−22 50.1	1.617	2.579	8.6	19.7
5 21	16 37.55	−22 52.2	1.579	2.580	4.3	19.4
5 31	16 27.81	−22 49.9	1.567	2.581	0.5	19.1
6 10	16 18.18	−22 44.6	1.582	2.582	5.0	19.5
6 20	16 9.79	−22 38.3	1.622	2.583	9.3	19.7
6 30	16 3.53	−22 34.0	1.686	2.584	13.1	20.0

286358 2001 XT_{135} 5 30.1 162°.28 0°.8/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.14	−20 33.2	2.836	3.631	11.0	22.4
5 1	16 49.54	−20 13.2	2.747	3.636	8.6	22.3
5 11	16 43.32	−19 50.2	2.683	3.641	5.9	22.1
5 21	16 35.93	−19 25.0	2.645	3.645	2.9	21.9
5 31	16 27.98	−18 58.8	2.636	3.649	0.9	21.8
6 10	16 20.16	−18 33.3	2.657	3.653	3.6	22.0
6 20	16 13.09	−18 10.5	2.706	3.656	6.6	22.2
6 30	16 7.33	−17 52.0	2.781	3.659	9.2	22.4

310231 2011 SC_{246} 5 30.1 229°.64 0°.9/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.96	−20 31.8	2.600	3.400	11.7	22.1
5 1	16 49.68	−20 9.5	2.499	3.391	9.3	22.0
5 11	16 43.59	−19 43.7	2.422	3.381	6.3	21.8
5 21	16 36.13	−19 15.2	2.371	3.371	3.1	21.5
5 31	16 27.95	−18 45.4	2.348	3.361	1.0	21.3
6 10	16 19.83	−18 16.4	2.355	3.350	4.0	21.6
6 20	16 12.48	−17 50.3	2.389	3.340	7.3	21.7
6 30	16 6.52	−17 29.3	2.448	3.328	10.2	21.9

379268 2009 UE_{81} 5 30.1 180°.79 1°.6/30.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 59.66	−27 11.7	2.597	3.377	12.3	23.3
5 1	16 54.20	−27 19.8	2.502	3.379	9.8	23.1
5 11	16 46.69	−27 21.9	2.430	3.380	6.9	22.9
5 21	16 37.65	−27 17.1	2.385	3.380	3.8	22.7
5 31	16 27.82	−27 5.0	2.368	3.379	1.6	22.5
6 10	16 18.08	−26 46.8	2.381	3.378	3.9	22.7
6 20	16 9.26	−26 24.6	2.422	3.375	7.1	22.9
6 30	16 2.05	−26 1.3	2.490	3.372	10.0	23.1

377728 2005 WQ_{183} 5 30.1 179°.99 2°.4/30.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 1.40	−26 2.7	2.010	2.804	14.9	21.3
5 1	16 56.32	−26 48.4	1.921	2.805	12.0	21.1
5 11	16 48.59	−27 30.6	1.853	2.805	8.5	20.9
5 21	16 38.74	−28 6.5	1.811	2.805	4.8	20.6
5 31	16 27.70	−28 33.7	1.796	2.805	2.4	20.5
6 10	16 16.67	−28 51.5	1.809	2.805	5.0	20.6
6 20	16 6.77	−29 1.4	1.849	2.804	8.8	20.9
6 30	15 58.95	−29 6.2	1.914	2.803	12.2	21.1

287086 2002 RO_{69} 5 30.1 287°.17 1°.6/30.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 57.76	−25 22.4	1.616	2.433	17.0	21.3
5 1	16 54.38	−25 35.1	1.508	2.407	13.7	21.0
5 11	16 47.85	−25 42.0	1.420	2.381	9.7	20.7
5 21	16 38.64	−25 41.2	1.355	2.354	5.2	20.3
5 31	16 27.71	−25 31.4	1.315	2.327	1.6	20.0
6 10	16 16.48	−25 13.8	1.300	2.300	5.8	20.2
6 20	16 6.39	−24 51.3	1.310	2.273	10.8	20.4
6 30	15 58.74	−24 28.7	1.342	2.246	15.4	20.6

118447 1999 VM_{81} 5 30.1 281°.97 3°.1/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.31	−14 52.4	2.383	3.193	12.4	20.1
5 1	16 48.61	−14 7.6	2.277	3.172	9.9	19.9
5 11	16 42.99	−13 21.2	2.193	3.151	7.0	19.7
5 21	16 35.90	−12 35.4	2.135	3.130	4.2	19.5
5 31	16 28.00	−11 53.0	2.105	3.108	3.3	19.4
6 10	16 20.08	−11 17.0	2.103	3.087	5.6	19.5
6 20	16 12.91	−10 50.0	2.127	3.065	8.8	19.7
6 30	16 7.16	−10 33.6	2.176	3.044	11.8	19.8

80460 2000 AJ_{12} 5 30.1 247°.30 1°.2/30.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 59.33	−25 22.7	1.874	2.678	15.5	20.8
5 1	16 54.95	−25 24.4	1.771	2.663	12.4	20.5
5 11	16 47.81	−25 19.8	1.689	2.647	8.7	20.2
5 21	16 38.43	−25 7.4	1.631	2.630	4.5	20.0
5 31	16 27.75	−24 47.2	1.600	2.613	1.2	19.7
6 10	16 17.00	−24 20.7	1.596	2.596	5.0	19.9
6 20	16 7.36	−23 51.3	1.619	2.577	9.5	20.1
6 30	15 59.87	−23 23.2	1.665	2.559	13.5	20.3

345514 2006 KU_{32} 5 30.1 305°.38 0°.4/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.17	−20 32.5	1.872	2.689	15.0	21.0
5 1	16 51.46	−20 36.6	1.782	2.682	11.9	20.8
5 11	16 45.26	−20 38.5	1.712	2.675	8.2	20.6
5 21	16 37.10	−20 38.1	1.667	2.668	4.0	20.3
5 31	16 27.88	−20 36.0	1.648	2.662	0.6	20.0
6 10	16 18.69	−20 33.3	1.656	2.655	4.9	20.3
6 20	16 10.58	−20 31.9	1.690	2.649	9.1	20.6
6 30	16 4.41	−20 34.0	1.747	2.643	12.8	20.8

361434 2007 AS_8 5 30.1 250°.55 0°.7/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 54.62	−25 1.2	2.675	3.467	11.7	21.6
5 1	16 50.29	−24 53.6	2.566	3.451	9.3	21.5
5 11	16 44.08	−24 40.7	2.479	3.435	6.4	21.2
5 21	16 36.42	−24 22.3	2.419	3.418	3.3	21.0
5 31	16 27.97	−23 58.9	2.387	3.401	0.7	20.8
6 10	16 19.51	−23 32.0	2.385	3.383	3.7	21.0
6 20	16 11.81	−23 3.8	2.410	3.365	7.0	21.2
6 30	16 5.51	−22 36.9	2.461	3.347	10.0	21.3

311471 2005 UX_{489} 5 30.1 210°.14 2°.0/31.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.86	−30 10.6	2.563	3.347	12.3	20.6
5 1	16 50.52	−29 59.3	2.467	3.345	9.9	20.4
5 11	16 44.20	−29 39.4	2.394	3.342	7.1	20.2
5 21	16 36.45	−29 10.2	2.347	3.339	4.1	20.0
5 31	16 27.97	−28 32.1	2.327	3.336	2.0	19.9
6 10	16 19.64	−27 47.2	2.336	3.333	3.9	20.0
6 20	16 12.22	−26 58.6	2.373	3.330	7.0	20.2
6 30	16 6.37	−26 10.0	2.436	3.326	9.9	20.4

435193 2007 RW_{83} 5 30.1 296°.57 5°.4/27.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.08	−10 33.0	1.855	2.676	15.0	20.9
5 1	16 49.83	− 9 44.0	1.753	2.651	12.2	20.7
5 11	16 44.19	− 8 56.3	1.672	2.627	9.0	20.4
5 21	16 36.63	− 8 13.7	1.615	2.603	6.2	20.2
5 31	16 27.95	− 7 40.4	1.583	2.578	5.6	20.1
6 10	16 19.15	− 7 20.2	1.577	2.554	8.0	20.2
6 20	16 11.27	− 7 15.2	1.596	2.529	11.5	20.3
6 30	16 5.18	− 7 26.4	1.636	2.505	15.0	20.5

251535 2008 KK_8 5 30.1 319°.84 1°.2/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 46.23	−16 51.8	4.186	4.983	7.7	20.8
5 1	16 42.95	−16 38.8	4.090	4.980	6.0	20.7
5 11	16 38.65	−16 25.3	4.019	4.977	4.1	20.6
5 21	16 33.63	−16 12.2	3.976	4.974	2.2	20.4
5 31	16 28.26	−16 0.2	3.961	4.971	1.2	20.3
6 10	16 22.93	−15 50.3	3.976	4.968	2.8	20.5
6 20	16 18.02	−15 43.3	4.020	4.965	4.8	20.6
6 30	16 13.87	−15 39.8	4.090	4.962	6.6	20.7

342291 2008 TL_{33} 5 30.1 316°.06 4°.3/28.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.31	−15 21.3	1.451	2.293	17.3	20.9
5 1	16 49.31	−14 38.0	1.347	2.261	14.0	20.6
5 11	16 44.37	−13 51.6	1.263	2.229	10.0	20.3
5 21	16 36.93	−13 5.5	1.200	2.198	5.9	20.0
5 31	16 27.91	−12 24.1	1.161	2.167	4.5	19.8
6 10	16 18.63	−11 52.5	1.146	2.137	8.1	19.9
6 20	16 10.42	−11 34.6	1.154	2.108	12.9	20.1
6 30	16 4.51	−11 33.3	1.181	2.079	17.5	20.3

389155 2009 BC_{40} 5 30.1 354°.10 10°.8/ 3.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 59.31	−48 5.0	1.771	2.512	18.5	20.6
5 1	16 56.12	−49 7.4	1.690	2.508	16.4	20.4
5 11	16 49.20	−49 50.0	1.627	2.505	14.2	20.3
5 21	16 39.26	−50 5.9	1.583	2.503	12.2	20.1
5 31	16 27.70	−49 49.8	1.560	2.501	10.9	20.0
6 10	16 16.36	−49 1.6	1.560	2.500	11.1	20.0
6 20	16 6.92	−47 46.4	1.582	2.500	12.6	20.1
6 30	16 0.61	−46 13.1	1.626	2.500	14.8	20.3

424140 2007 FL_{46} 5 30.1 61°.33 4°.5/31.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 0.30	−30 33.7	1.762	2.560	16.5	21.6
5 1	16 55.96	−31 28.8	1.681	2.563	13.5	21.4
5 11	16 48.60	−32 16.8	1.621	2.567	10.0	21.1
5 21	16 38.84	−32 53.5	1.583	2.570	6.4	20.9
5 31	16 27.75	−33 15.5	1.572	2.573	4.5	20.8
6 10	16 16.72	−33 22.4	1.586	2.577	6.3	20.9
6 20	16 7.07	−33 16.5	1.626	2.580	9.8	21.2
6 30	15 59.85	−33 2.6	1.689	2.584	13.3	21.4

120673 1997 AA_6 5 30.1 234°.09 1°.5/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 58.04	−28 27.2	2.148	2.940	14.1	20.2
5 1	16 53.46	−28 6.7	2.046	2.930	11.3	20.0
5 11	16 46.49	−27 36.3	1.966	2.918	8.0	19.8
5 21	16 37.67	−26 55.4	1.910	2.907	4.3	19.5
5 31	16 27.88	−26 4.8	1.883	2.895	1.5	19.3
6 10	16 18.18	−25 7.4	1.883	2.882	4.5	19.5
6 20	16 9.55	−24 7.5	1.911	2.869	8.3	19.7
6 30	16 2.83	−23 9.9	1.964	2.856	11.8	19.9

150932 2001 TO_{72} 5 30.1 154°.95 1°.5/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 56.74	−25 44.6	2.470	3.261	12.5	20.7
5 1	16 52.04	−26 5.1	2.381	3.265	10.0	20.5
5 11	16 45.30	−26 21.2	2.315	3.268	7.0	20.3
5 21	16 37.02	−26 31.8	2.275	3.272	3.7	20.1
5 31	16 27.95	−26 36.3	2.264	3.275	1.5	19.9
6 10	16 18.96	−26 35.2	2.280	3.278	4.0	20.1
6 20	16 10.87	−26 30.1	2.325	3.281	7.2	20.3
6 30	16 4.37	−26 23.5	2.395	3.283	10.1	20.5

241620 1999 UQ_{26} 5 30.1 227°.99 4°.2/27.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 52.45	− 9 34.7	3.076	3.868	10.3	21.5
5 1	16 48.11	− 8 29.3	2.976	3.856	8.3	21.4
5 11	16 42.33	− 7 24.3	2.901	3.844	6.2	21.2
5 21	16 35.49	− 6 22.8	2.853	3.831	4.5	21.1
5 31	16 28.10	− 5 27.7	2.834	3.817	4.3	21.1
6 10	16 20.76	− 4 41.8	2.845	3.804	5.8	21.1
6 20	16 14.01	− 4 6.9	2.882	3.789	8.0	21.3
6 30	16 8.37	− 3 44.1	2.945	3.774	10.1	21.4

413025 2000 UA_4 5 30.1 205°.46 0°.8/29.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 0.06	−21 34.9	2.022	2.824	14.6	22.0
5 1	16 55.06	−21 11.6	1.927	2.818	11.6	21.8
5 11	16 47.59	−20 43.2	1.853	2.812	8.0	21.5
5 21	16 38.22	−20 10.2	1.804	2.804	3.9	21.3
5 31	16 27.84	−19 34.1	1.783	2.796	0.9	21.0
6 10	16 17.54	−18 57.7	1.791	2.787	4.9	21.3
6 20	16 8.34	−18 24.2	1.825	2.778	9.0	21.5
6 30	16 1.09	−17 57.1	1.884	2.767	12.7	21.7

479190 2013 CE_{67} 5 30.1 162°.83 2°.2/29.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.14	−15 20.5	2.866	3.664	10.8	22.2
5 1	16 48.73	−14 55.3	2.779	3.668	8.5	22.0
5 11	16 42.78	−14 30.0	2.717	3.673	5.9	21.9
5 21	16 35.70	−14 5.8	2.681	3.677	3.3	21.7
5 31	16 28.09	−13 44.4	2.674	3.680	2.3	21.6
6 10	16 20.60	−13 27.3	2.696	3.683	4.3	21.8
6 20	16 13.81	−13 16.0	2.746	3.686	6.9	21.9
6 30	16 8.25	−13 11.3	2.821	3.688	9.4	22.1

349317 2007 UY_{100} 5 30.1 296°.58 0°.3/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.95	−22 41.7	2.028	2.839	14.2	21.2
5 1	16 51.11	−22 45.2	1.937	2.833	11.3	21.0
5 11	16 44.93	−22 45.0	1.867	2.827	7.8	20.8
5 21	16 36.95	−22 40.7	1.821	2.822	3.9	20.5
5 31	16 27.99	−22 32.6	1.802	2.816	0.4	20.2
6 10	16 19.08	−22 22.0	1.811	2.810	4.5	20.5
6 20	16 11.18	−22 11.1	1.845	2.805	8.5	20.8
6 30	16 5.11	−22 2.4	1.904	2.799	12.0	21.0

234756 2002 OX_{15} 5 30.1 258°.95 3°.6/28.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.89	−14 34.4	2.149	2.961	13.5	20.7
5 1	16 50.00	−13 43.4	2.052	2.948	10.7	20.5
5 11	16 44.03	−12 50.8	1.977	2.935	7.6	20.3
5 21	16 36.46	−11 59.2	1.928	2.922	4.6	20.1
5 31	16 28.04	−11 12.1	1.907	2.909	3.7	20.0
6 10	16 19.66	−10 33.0	1.912	2.895	6.2	20.1
6 20	16 12.16	−10 4.5	1.944	2.882	9.5	20.3
6 30	16 6.28	− 9 48.4	2.000	2.868	12.7	20.4

479121 2013 BY_{20} 5 30.1 163°.03 2°.7/31.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 56.28	−31 23.4	2.578	3.356	12.4	22.3
5 1	16 51.65	−31 29.4	2.488	3.359	10.0	22.2
5 11	16 45.00	−31 27.0	2.420	3.362	7.3	22.0
5 21	16 36.87	−31 14.9	2.377	3.365	4.5	21.8
5 31	16 28.00	−30 53.0	2.362	3.367	2.7	21.7
6 10	16 19.28	−30 22.5	2.376	3.369	4.2	21.8
6 20	16 11.49	−29 46.2	2.417	3.371	7.0	22.0
6 30	16 5.32	−29 7.6	2.484	3.373	9.8	22.2

58734 1998 EP 5 30.1 236°.41 3°.0/29.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 57.72	−16 49.1	1.743	2.561	15.9	20.0
5 1	16 53.59	−16 11.2	1.651	2.551	12.7	19.8
5 11	16 46.81	−15 30.6	1.579	2.541	8.8	19.5
5 21	16 37.93	−14 49.5	1.531	2.530	4.9	19.3
5 31	16 27.90	−14 11.0	1.510	2.518	3.1	19.1
6 10	16 17.91	−13 38.8	1.515	2.506	6.5	19.3
6 20	16 9.07	−13 16.0	1.546	2.494	10.7	19.5
6 30	16 2.32	−13 4.9	1.599	2.481	14.6	19.7

433999 2000 SZ_{199} 5 30.1 223°.70 1°.2/30.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 58.49	−25 54.7	2.326	3.117	13.2	22.2
5 1	16 53.66	−25 58.7	2.223	3.106	10.6	22.0
5 11	16 46.58	−25 56.9	2.142	3.095	7.4	21.7
5 21	16 37.74	−25 48.5	2.086	3.084	3.9	21.5
5 31	16 27.92	−25 33.2	2.059	3.071	1.2	21.3
6 10	16 18.11	−25 12.4	2.060	3.058	4.2	21.5
6 20	16 9.21	−24 48.4	2.089	3.045	7.8	21.7
6 30	16 2.04	−24 24.5	2.143	3.031	11.2	21.9

193221 2000 RZ_{34} 5 30.1 246°.60 1°.9/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 59.09	−27 51.3	2.324	3.110	13.4	21.4
5 1	16 54.28	−27 56.2	2.211	3.091	10.8	21.2
5 11	16 47.11	−27 54.2	2.120	3.070	7.7	20.9
5 21	16 38.05	−27 43.8	2.055	3.049	4.3	20.7
5 31	16 27.89	−27 24.5	2.017	3.028	1.9	20.5
6 10	16 17.65	−26 57.5	2.008	3.005	4.4	20.6
6 20	16 8.31	−26 25.3	2.027	2.982	8.1	20.8
6 30	16 0.73	−25 51.9	2.071	2.959	11.5	20.9

138020 2000 CL_{118} 5 30.1 192°.13 0°.9/30.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 59.97	−24 39.5	2.051	2.849	14.5	21.0
5 1	16 55.03	−24 43.4	1.959	2.847	11.6	20.7
5 11	16 47.60	−24 42.0	1.889	2.845	8.0	20.5
5 21	16 38.25	−24 34.2	1.844	2.843	4.1	20.3
5 31	16 27.88	−24 20.2	1.826	2.840	0.9	20.0
6 10	16 17.60	−24 1.4	1.837	2.836	4.6	20.3
6 20	16 8.44	−23 40.4	1.874	2.831	8.5	20.5
6 30	16 1.24	−23 20.6	1.937	2.826	12.1	20.7

381596 2008 VE_{5} 5 30.1 143°.70 2°.0/29.3 17

4 21	16 57.08	−15 17.1	2.677	3.470	11.6	22.3
5 1	16 51.86	−15 5.6	2.597	3.483	9.2	22.1
5 11	16 44.94	−14 54.7	2.541	3.496	6.3	21.9
5 21	16 36.78	−14 45.1	2.512	3.508	3.4	21.8
5 31	16 28.05	−14 38.1	2.511	3.519	2.1	21.7
6 10	16 19.47	−14 34.7	2.540	3.530	4.4	21.8
6 20	16 11.73	−14 36.1	2.598	3.540	7.2	22.0
6 30	16 5.37	−14 43.0	2.681	3.549	9.8	22.2

313744 2003 UV_{241} 5 30.1 328°.62 2°.9/29.4 17

4 21	16 49.53	−18 2.7	1.126	1.988	19.9	19.9
5 1	16 48.64	−17 36.8	1.041	1.967	16.0	19.6
5 11	16 44.31	−17 7.1	0.973	1.946	11.2	19.3
5 21	16 37.05	−16 36.2	0.924	1.927	5.9	18.9
5 31	16 28.00	−16 7.8	0.897	1.909	3.1	18.7
6 10	16 18.80	−15 46.5	0.892	1.892	7.9	18.9
6 20	16 11.10	−15 36.3	0.908	1.876	13.6	19.1
6 30	16 6.25	−15 40.2	0.942	1.862	18.8	19.4

187193 2005 SF_{72} 5 30.1 195°.28 3°.8/31.6 18

4 21	16 57.42	−33 11.0	2.568	3.340	12.6	20.8
5 1	16 52.75	−33 45.7	2.474	3.338	10.3	20.6
5 11	16 45.91	−34 12.8	2.403	3.337	7.8	20.5
5 21	16 37.40	−34 29.6	2.356	3.336	5.2	20.3
5 31	16 27.99	−34 34.6	2.337	3.334	3.8	20.2
6 10	16 18.62	−34 28.0	2.347	3.332	5.0	20.3
6 20	16 10.16	−34 11.7	2.383	3.330	7.5	20.4
6 30	16 3.37	−33 49.1	2.444	3.328	10.1	20.6

36898 2000 SE_{172} 5 30.1 228°.48 0°.1/30.2 18

4 21	16 57.69	−20 30.4	2.860	3.647	11.1	19.3
5 1	16 52.57	−20 58.8	2.753	3.636	8.8	19.1
5 11	16 45.61	−21 26.8	2.671	3.626	6.1	18.9
5 21	16 37.23	−21 53.8	2.615	3.615	3.0	18.7
5 31	16 28.03	−22 18.8	2.589	3.603	0.3	18.4
6 10	16 18.75	−22 41.9	2.594	3.591	3.5	18.7
6 20	16 10.13	−23 3.4	2.627	3.579	6.6	18.9
6 30	16 2.82	−23 24.1	2.687	3.567	9.5	19.0

370946 2005 SY_{38} 5 30.1 152°.94 1°.6/29.5 17

4 21	16 57.83	−18 42.1	2.147	2.951	13.8	22.6
5 1	16 52.97	−18 17.4	2.066	2.959	10.8	22.4
5 11	16 45.96	−17 50.1	2.007	2.966	7.4	22.2
5 21	16 37.37	−17 21.5	1.973	2.973	3.8	22.0
5 31	16 28.02	−16 53.5	1.968	2.979	1.7	21.9
6 10	16 18.87	−16 28.4	1.991	2.985	4.9	22.1
6 20	16 10.77	−16 8.4	2.040	2.990	8.4	22.3
6 30	16 4.42	−15 55.6	2.115	2.994	11.6	22.5

422188 2014 RB_{31} 5 30.1 232°.87 5°.1/26.1 18

4 21	16 48.19	+ 0 30.3	3.955	4.724	8.6	21.7
5 1	16 44.51	+ 1 14.7	3.861	4.712	7.3	21.6
5 11	16 39.76	+ 1 53.8	3.792	4.700	6.0	21.5
5 21	16 34.24	+ 2 25.1	3.750	4.687	5.2	21.5
5 31	16 28.32	+ 2 46.8	3.734	4.674	5.2	21.4
6 10	16 22.43	+ 2 57.4	3.746	4.661	6.0	21.5
6 20	16 16.96	+ 2 56.7	3.784	4.648	7.3	21.6
6 30	16 12.28	+ 2 44.6	3.846	4.634	8.7	21.6

479889 2014 HM_{19} 5 30.1 59°.50 3°.6/31.4 16

4 21	16 57.04	−31 16.8	2.260	3.045	13.7	21.5
5 1	16 52.67	−31 54.2	2.175	3.049	11.2	21.3
5 11	16 45.96	−32 24.1	2.111	3.053	8.2	21.1
5 21	16 37.46	−32 44.2	2.072	3.057	5.3	20.9
5 31	16 28.01	−32 52.6	2.060	3.062	3.6	20.8
6 10	16 18.64	−32 49.7	2.076	3.066	5.1	20.9
6 20	16 10.32	−32 37.6	2.118	3.070	8.0	21.1
6 30	16 3.84	−32 19.7	2.184	3.074	10.9	21.3

291741 2006 JC_{55} 5 30.1 346°.32 1°.3/29.8 17

4 21	16 49.66	−21 17.3	1.072	1.936	20.6	20.7
5 1	16 48.79	−20 54.6	0.999	1.925	16.4	20.4
5 11	16 44.36	−20 24.7	0.942	1.917	11.3	20.1
5 21	16 37.01	−19 49.1	0.905	1.909	5.6	19.7
5 31	16 28.04	−19 11.1	0.889	1.903	1.5	19.4
6 10	16 19.19	−18 35.6	0.896	1.898	7.1	19.8
6 20	16 12.05	−18 7.8	0.923	1.894	12.9	20.1
6 30	16 7.88	−17 51.8	0.968	1.893	18.0	20.4

428706 2008 QP_{45} 5 30.1 171°.48 11°.4/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 54.17	+ 7 42.5	2.039	2.808	15.5	20.4
5 1	16 50.14	+ 9 14.3	1.976	2.809	13.8	20.3
5 11	16 44.05	+10 31.9	1.932	2.810	12.3	20.2
5 21	16 36.45	+11 28.7	1.911	2.811	11.5	20.2
5 31	16 28.12	+11 59.4	1.913	2.812	11.6	20.2
6 10	16 19.95	+12 1.8	1.938	2.812	12.7	20.2
6 20	16 12.76	+11 36.4	1.983	2.813	14.3	20.3
6 30	16 7.21	+10 46.4	2.048	2.813	16.0	20.5

309770 2008 YG_{80} 5 30.1 34°.40 3°.0/29.4 17

4 21	16 55.85	−17 2.1	1.230	2.075	19.6	20.5
5 1	16 52.91	−16 37.3	1.166	2.082	15.5	20.3
5 11	16 46.67	−16 11.3	1.120	2.089	10.7	20.0
5 21	16 37.94	−15 46.8	1.096	2.097	5.7	19.8
5 31	16 27.98	−15 26.8	1.095	2.106	3.1	19.6
6 10	16 18.36	−15 14.5	1.118	2.115	7.2	19.9
6 20	16 10.43	−15 12.2	1.163	2.124	12.1	20.2
6 30	16 5.21	−15 21.5	1.229	2.134	16.4	20.5

430449 2000 SB_{194} 5 30.2 272°.09 3°.3/28.9 17

4 21	16 55.96	−15 5.7	1.960	2.774	14.5	21.6
5 1	16 52.06	−14 30.6	1.853	2.750	11.7	21.3
5 11	16 45.73	−13 54.2	1.767	2.726	8.3	21.1
5 21	16 37.46	−13 18.6	1.706	2.702	4.8	20.8
5 31	16 28.03	−12 46.7	1.671	2.677	3.5	20.7
6 10	16 18.48	−12 21.7	1.664	2.652	6.4	20.8
6 20	16 9.82	−12 6.1	1.682	2.626	10.3	21.0
6 30	16 2.97	−12 2.0	1.723	2.600	14.0	21.2

153539 2001 SD_{101} 5 30.2 200°.54 1°.2/30.7 18

4 21	16 58.88	−26 35.9	2.152	2.946	14.1	20.7
5 1	16 54.08	−26 28.1	2.058	2.943	11.2	20.5
5 11	16 46.90	−26 12.9	1.985	2.939	7.9	20.3
5 21	16 37.92	−25 49.6	1.937	2.934	4.1	20.0
5 31	16 28.01	−25 18.6	1.917	2.929	1.2	19.8
6 10	16 18.19	−24 42.1	1.925	2.924	4.4	20.0
6 20	16 9.46	−24 3.4	1.960	2.918	8.2	20.3
6 30	16 2.60	−23 26.3	2.021	2.911	11.6	20.5

237413 1998 TP_{27} 5 30.2 209°.42 5°.6/ 1.0 18

4 21	17 1.51	−37 29.6	2.432	3.186	13.7	20.9
5 1	16 56.35	−38 19.1	2.335	3.181	11.5	20.8
5 11	16 48.62	−38 58.9	2.259	3.176	9.1	20.6
5 21	16 38.85	−39 25.1	2.208	3.170	6.8	20.4
5 31	16 27.91	−39 34.7	2.183	3.164	5.6	20.3
6 10	16 16.94	−39 27.3	2.185	3.157	6.4	20.4
6 20	16 7.02	−39 5.1	2.215	3.150	8.6	20.5
6 30	15 59.08	−38 32.5	2.269	3.142	11.2	20.7

210995 2001 XB_{10} 5 30.2 211°.24 1°.1/30.5 17

4 21	17 2.31	−24 1.1	1.830	2.632	15.9	21.4
5 1	16 57.33	−24 18.2	1.735	2.625	12.7	21.1
5 11	16 49.49	−24 31.1	1.661	2.618	8.9	20.9
5 21	16 39.33	−24 38.3	1.612	2.610	4.6	20.6
5 31	16 27.87	−24 38.7	1.589	2.602	1.1	20.3
6 10	16 16.37	−24 33.1	1.594	2.593	5.1	20.6
6 20	16 6.09	−24 23.8	1.625	2.582	9.5	20.8
6 30	15 58.05	−24 14.3	1.680	2.572	13.5	21.1

376870 2001 UR_{60} 5 30.2 292°.34 3°.6/31.2 17

4 21	16 57.53	−29 43.9	1.655	2.464	17.0	21.2
5 1	16 54.26	−30 7.6	1.550	2.441	13.9	20.9
5 11	16 47.82	−30 22.8	1.464	2.417	10.2	20.6
5 21	16 38.70	−30 26.3	1.400	2.393	6.2	20.3
5 31	16 27.91	−30 15.7	1.361	2.369	3.6	20.1
6 10	16 16.88	−29 51.5	1.348	2.345	6.2	20.2
6 20	16 7.06	−29 17.1	1.360	2.321	10.6	20.4
6 30	15 59.73	−28 38.4	1.393	2.298	14.9	20.6

523685 2014 DN_{112} 5 30.2 232°.46 0°.5/30.3 18 C

4 21	17 9.63	−24 48.9	1.874	2.658	16.2	24.5
5 1	17 3.31	−24 36.7	1.757	2.637	13.1	24.2
5 11	16 53.78	−24 16.6	1.661	2.614	9.2	23.9
5 21	16 41.55	−23 47.0	1.590	2.589	4.7	23.6
5 31	16 27.66	−23 7.6	1.548	2.562	0.6	23.2
6 10	16 13.51	−22 20.8	1.535	2.532	5.5	23.5
6 20	16 0.54	−21 31.3	1.550	2.501	10.4	23.7
6 30	15 49.98	−20 44.7	1.590	2.468	14.9	23.9

502619 2015 CU_{23} 5 30.2 149°.00 5°.6/ 1.7 17

4 21	17 3.88	−38 48.6	2.314	3.063	14.5	22.1
5 1	16 58.09	−39 19.0	2.231	3.073	12.1	21.9
5 11	16 49.67	−39 36.6	2.168	3.083	9.5	21.8
5 21	16 39.26	−39 38.0	2.130	3.092	7.0	21.6
5 31	16 27.90	−39 20.9	2.118	3.101	5.6	21.5
6 10	16 16.77	−38 46.6	2.134	3.108	6.4	21.6
6 20	16 6.98	−37 58.6	2.177	3.115	8.6	21.7
6 30	15 59.35	−37 2.5	2.245	3.122	11.1	21.9

243675 1999 VG_{207} 5 30.2 272.°35 0.°7/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 53.40	−20 12.0	2.446	3.250	12.3	21.1
5 1	16 49.47	−20 7.1	2.347	3.240	9.7	20.9
5 11	16 43.62	−20 0.0	2.270	3.230	6.6	20.7
5 21	16 36.29	−19 51.1	2.219	3.220	3.3	20.5
5 31	16 28.17	−19 41.1	2.197	3.210	0.8	20.3
6 10	16 20.07	−19 31.3	2.202	3.200	4.1	20.5
6 20	16 12.74	−19 23.4	2.235	3.189	7.5	20.7
6 30	16 6.88	−19 19.1	2.292	3.179	10.6	20.9

391756 2008 EO_{36} 5 30.2 77.°76 10.°8/23.5 17

4 21	16 51.99	+ 9 42.1	2.358	3.113	14.1	20.7
5 1	16 48.08	+11 25.7	2.309	3.126	12.6	20.6
5 11	16 42.45	+12 54.9	2.281	3.140	11.4	20.6
5 21	16 35.61	+14 4.0	2.277	3.153	10.8	20.6
5 31	16 28.25	+14 48.4	2.295	3.166	11.0	20.6
6 10	16 21.09	+15 6.5	2.336	3.179	11.9	20.7
6 20	16 14.79	+14 58.8	2.397	3.192	13.1	20.8
6 30	16 9.91	+14 28.1	2.478	3.205	14.5	20.9

403026 2007 XL_{35} 5 30.2 205.°22 3.°0/31.3 17

4 21	17 0.60	−30 37.8	1.743	2.541	16.7	21.0
5 1	16 56.14	−30 36.1	1.654	2.538	13.5	20.8
5 11	16 48.69	−30 22.7	1.585	2.535	9.8	20.6
5 21	16 38.92	−29 55.5	1.539	2.531	5.7	20.3
5 31	16 27.93	−29 14.3	1.518	2.527	3.0	20.1
6 10	16 17.11	−28 21.7	1.525	2.523	5.5	20.3
6 20	16 7.73	−27 22.9	1.558	2.518	9.6	20.5
6 30	16 0.78	−26 24.2	1.614	2.513	13.5	20.7

428276 2007 EJ_{25} 5 30.2 67.°02 4.°4/31.5 17

4 21	17 0.16	−31 27.9	1.677	2.476	17.2	20.5
5 1	16 55.83	−32 6.1	1.607	2.490	13.9	20.3
5 11	16 48.45	−32 34.2	1.557	2.504	10.2	20.1
5 21	16 38.77	−32 48.9	1.530	2.517	6.5	19.9
5 31	16 27.95	−32 48.0	1.528	2.531	4.4	19.8
6 10	16 17.42	−32 32.5	1.552	2.545	6.2	20.0
6 20	16 8.45	−32 6.3	1.602	2.559	9.7	20.2
6 30	16 1.99	−31 34.8	1.674	2.573	13.1	20.4

48688 1996 FM_{2} 5 30.2 70.°24 2.°4/29.4 18

4 21	16 57.52	−17 35.4	1.539	2.366	17.2	19.0
5 1	16 53.46	−17 9.2	1.475	2.381	13.6	18.8
5 11	16 46.64	−16 41.5	1.431	2.396	9.3	18.6
5 21	16 37.81	−16 14.2	1.411	2.411	4.8	18.4
5 31	16 28.07	−15 49.9	1.415	2.426	2.6	18.3
6 10	16 18.69	−15 31.3	1.446	2.441	6.1	18.5
6 20	16 10.77	−15 20.8	1.501	2.456	10.4	18.8
6 30	16 5.14	−15 20.1	1.578	2.471	14.2	19.1

110851 2001 UF_{76} 5 30.2 257.°49 1.°5/29.7 18

4 21	16 57.31	−18 31.7	1.920	2.732	14.9	20.1
5 1	16 53.19	−18 22.7	1.819	2.717	11.8	19.9
5 11	16 46.55	−18 12.1	1.739	2.701	8.2	19.6
5 21	16 37.89	−18 0.4	1.684	2.685	4.2	19.4
5 31	16 28.06	−17 49.0	1.656	2.668	1.6	19.1
6 10	16 18.15	−17 39.5	1.654	2.651	5.3	19.3
6 20	16 9.24	−17 34.1	1.679	2.634	9.5	19.6
6 30	16 2.24	−17 34.7	1.728	2.616	13.4	19.8

426390 2013 PV_{25} 5 30.2 304.°41 3.°0/29.7 17

4 21	16 57.19	−13 46.3	1.438	2.270	18.0	20.5
5 1	16 53.99	−13 58.2	1.345	2.252	14.5	20.2
5 11	16 47.64	−14 15.6	1.271	2.235	10.3	19.9
5 21	16 38.64	−14 40.0	1.218	2.217	5.6	19.6
5 31	16 27.98	−15 12.0	1.190	2.201	3.1	19.4
6 10	16 17.10	−15 51.7	1.188	2.184	6.9	19.6
6 20	16 7.43	−16 38.6	1.209	2.168	11.9	19.8
6 30	16 0.22	−17 32.2	1.251	2.152	16.5	20.0

219668 2001 VQ_{37} 5 30.2 203.°74 1.°1/29.7 18 R

4 21	16 57.49	−20 27.1	2.208	3.010	13.5	20.6
5 1	16 52.82	−20 2.4	2.114	3.006	10.7	20.4
5 11	16 45.97	−19 33.8	2.042	3.001	7.3	20.2
5 21	16 37.47	−19 2.0	1.995	2.996	3.6	19.9
5 31	16 28.12	−18 28.7	1.977	2.989	1.2	19.7
6 10	16 18.85	−17 56.5	1.987	2.983	4.6	20.0
6 20	16 10.55	−17 28.1	2.024	2.976	8.3	20.2
6 30	16 3.97	−17 5.9	2.086	2.968	11.7	20.4

237227 2008 VE_{53} 5 30.2 123.°42 0.°6/29.9 17

4 21	16 56.56	−21 50.1	2.112	2.918	13.9	20.9
5 1	16 52.07	−21 29.2	2.033	2.927	10.9	20.8
5 11	16 45.41	−21 3.7	1.976	2.936	7.5	20.6
5 21	16 37.16	−20 34.5	1.944	2.945	3.6	20.3
5 31	16 28.16	−20 3.0	1.940	2.953	0.7	20.1
6 10	16 19.38	−19 31.8	1.963	2.961	4.4	20.4
6 20	16 11.68	−19 3.6	2.014	2.969	8.1	20.7
6 30	16 5.75	−18 41.0	2.089	2.977	11.4	20.9

299788 2006 SZ_{83} 5 30.2 150.°48 4.°1/28.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 53.25	−11 7.2	2.421	3.226	12.4	21.6
5 1	16 49.12	−10 22.1	2.340	3.230	9.9	21.4
5 11	16 43.23	− 9 38.7	2.282	3.233	7.2	21.3
5 21	16 36.06	− 8 59.8	2.250	3.237	4.8	21.1
5 31	16 28.27	− 8 28.1	2.246	3.241	4.2	21.1
6 10	16 20.62	− 8 5.9	2.269	3.244	6.0	21.2
6 20	16 13.79	− 7 54.6	2.319	3.247	8.7	21.4
6 30	16 8.38	− 7 54.7	2.393	3.250	11.3	21.6

519689 2013 AC_{186} 5 30.2 190.°47 2.°8/31.6 18

4 21	16 56.17	−31 52.6	2.409	3.191	13.1	21.4
5 1	16 51.78	−31 52.0	2.317	3.190	10.6	21.2
5 11	16 45.24	−31 41.9	2.246	3.190	7.7	21.0
5 21	16 37.10	−31 20.9	2.201	3.189	4.7	20.8
5 31	16 28.17	−30 49.1	2.183	3.188	2.8	20.7
6 10	16 19.38	−30 8.1	2.192	3.187	4.4	20.8
6 20	16 11.60	−29 21.3	2.230	3.186	7.4	21.0
6 30	16 5.54	−28 32.8	2.292	3.184	10.4	21.2

305386 2008 CF_{44} 5 30.2 64.°24 8.°2/26.5 17

4 21	16 52.17	+ 0 44.4	2.211	3.002	13.8	21.4
5 1	16 48.32	+ 1 52.9	2.152	3.015	11.7	21.3
5 11	16 42.68	+ 2 51.4	2.114	3.029	9.7	21.2
5 21	16 35.77	+ 3 35.2	2.101	3.042	8.4	21.1
5 31	16 28.30	+ 4 0.7	2.112	3.056	8.3	21.1
6 10	16 21.05	+ 4 6.1	2.148	3.070	9.5	21.2
6 20	16 14.71	+ 3 51.5	2.208	3.084	11.3	21.4
6 30	16 9.84	+ 3 18.9	2.290	3.098	13.3	21.5

394062 2005 XO_{51} 5 30.2 240.°31 0.°2/30.3 18

4 21	16 54.62	−22 13.9	2.768	3.561	11.3	22.0
5 1	16 50.24	−22 22.6	2.664	3.551	8.9	21.8
5 11	16 44.07	−22 28.8	2.583	3.540	6.1	21.6
5 21	16 36.52	−22 32.2	2.529	3.529	3.0	21.4
5 31	16 28.22	−22 32.9	2.504	3.517	0.3	21.1
6 10	16 19.91	−22 31.7	2.507	3.506	3.6	21.4
6 20	16 12.28	−22 29.6	2.539	3.494	6.7	21.5
6 30	16 5.99	−22 28.3	2.597	3.482	9.5	21.7

55889 1997 WD_{52} 5 30.2 139.°10 1.°8/30.4 18

4 21	17 5.03	−22 21.1	1.902	2.697	15.6	19.4
5 1	16 59.37	−23 29.8	1.816	2.702	12.5	19.2
5 11	16 50.85	−24 39.2	1.752	2.707	8.7	19.0
5 21	16 40.03	−25 45.9	1.714	2.712	4.6	18.7
5 31	16 27.90	−26 46.1	1.705	2.716	1.9	18.6
6 10	16 15.72	−27 37.6	1.724	2.720	5.1	18.8
6 20	16 4.72	−28 20.1	1.770	2.724	9.1	19.0
6 30	15 55.95	−28 55.4	1.842	2.728	12.8	19.3

114979 2003 QV_{64} 5 30.2 262.°22 1.°5/30.6 18

4 21	16 59.25	−25 16.1	2.319	3.109	13.3	20.3
5 1	16 54.52	−25 39.9	2.202	3.085	10.7	20.0
5 11	16 47.41	−26 0.2	2.108	3.061	7.6	19.8
5 21	16 38.33	−26 15.4	2.039	3.036	4.1	19.5
5 31	16 28.05	−26 24.2	1.998	3.010	1.5	19.3
6 10	16 17.55	−26 26.7	1.986	2.984	4.4	19.5
6 20	16 7.84	−26 24.2	2.002	2.957	8.2	19.6
6 30	15 59.83	−26 19.4	2.042	2.930	11.7	19.8

285339 1999 JR_{6} 5 30.2 140.°97 5.°2/30.9 18

4 21	17 42.97	−29 24.8	1.382	2.121	23.0	21.4
5 1	17 30.73	−30 47.9	1.309	2.155	18.7	21.2
5 11	17 13.11	−32 3.1	1.256	2.186	13.6	21.0
5 21	16 51.10	−32 58.4	1.229	2.213	8.3	20.7
5 31	16 26.91	−33 23.7	1.233	2.235	5.2	20.6
6 10	16 3.53	−33 17.5	1.268	2.254	8.2	20.9
6 20	15 43.52	−32 47.6	1.332	2.268	13.1	21.2
6 30	15 28.39	−32 7.0	1.422	2.279	17.5	21.5

457709 2009 FN_{22} 5 30.2 19.°86 4.°4/28.8 17

4 21	16 52.04	−16 37.8	1.101	1.960	20.4	20.3
5 1	16 50.17	−15 42.1	1.043	1.966	16.2	20.0
5 11	16 44.94	−14 43.6	1.002	1.974	11.3	19.8
5 21	16 37.16	−13 47.3	0.982	1.982	6.4	19.5
5 31	16 28.18	−12 59.0	0.984	1.992	4.6	19.5
6 10	16 19.61	−12 24.1	1.008	2.002	8.3	19.7
6 20	16 12.81	−12 6.0	1.054	2.014	13.1	20.0
6 30	16 8.75	−12 5.8	1.119	2.027	17.5	20.3

336367 2008 UY_{35} 5 30.2 128.°42 1.°1/29.8 17

4 21	16 55.99	−20 17.3	1.992	2.804	14.4	21.1
5 1	16 51.81	−19 58.2	1.911	2.808	11.4	20.9
5 11	16 45.35	−19 35.6	1.851	2.812	7.8	20.7
5 21	16 37.18	−19 10.4	1.815	2.816	3.8	20.5
5 31	16 28.18	−18 44.4	1.807	2.820	1.2	20.3
6 10	16 19.35	−18 19.8	1.827	2.824	4.8	20.6
6 20	16 11.62	−17 59.2	1.872	2.828	8.7	20.8
6 30	16 5.72	−17 44.9	1.942	2.831	12.1	21.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
215592 Normarose			5 30.2 237°.27		4°.4/31.9 18	
	h m	° ′			°	m
4 21	16 58.83	−34 8.6	2.070	2.850	15.0	20.3
5 1	16 54.47	−34 28.5	1.975	2.844	12.3	20.1
5 11	16 47.44	−34 37.5	1.900	2.837	9.3	19.9
5 21	16 38.32	−34 32.5	1.850	2.831	6.2	19.7
5 31	16 28.08	−34 12.1	1.825	2.824	4.4	19.5
6 10	16 17.91	−33 37.4	1.827	2.817	5.8	19.6
6 20	16 8.94	−32 51.8	1.856	2.809	8.8	19.8
6 30	16 2.09	−32 0.9	1.909	2.802	12.1	20.0
290928 2005 WC_{131}			5 30.2 338°.28		0°.1/30.2 16	
4 21	16 52.14	−22 15.1	1.881	2.702	14.8	20.4
5 1	16 49.17	−22 18.0	1.789	2.692	11.7	20.1
5 11	16 43.80	−22 17.2	1.718	2.682	8.1	19.9
5 21	16 36.54	−22 12.6	1.671	2.672	4.0	19.6
5 31	16 28.24	−22 4.7	1.650	2.664	0.4	19.3
6 10	16 19.96	−21 55.1	1.655	2.656	4.7	19.6
6 20	16 12.71	−21 45.9	1.686	2.648	8.9	19.8
6 30	16 7.34	−21 39.5	1.740	2.642	12.6	20.1
110264 2001 SH_{248}			5 30.2 148°.99		5°.5/27.8 17	
4 21	16 55.87	−10 17.7	1.913	2.725	14.9	20.1
5 1	16 51.64	− 9 12.6	1.837	2.730	12.0	19.9
5 11	16 45.18	− 8 9.4	1.784	2.735	8.8	19.7
5 21	16 37.09	− 7 12.4	1.755	2.739	6.2	19.6
5 31	16 28.21	− 6 25.9	1.752	2.743	5.7	19.6
6 10	16 19.54	− 5 53.6	1.777	2.747	7.8	19.7
6 20	16 11.95	− 5 37.3	1.826	2.750	10.8	19.9
6 30	16 6.17	− 5 37.2	1.897	2.753	13.8	20.1
501983 2014 YJ_{41}			5 30.2 77°.01		1°.4/30.5 17	
4 21	16 59.38	−24 3.5	1.679	2.492	16.6	20.9
5 1	16 55.05	−24 29.4	1.605	2.501	13.2	20.7
5 11	16 47.88	−24 51.1	1.551	2.511	9.2	20.5
5 21	16 38.54	−25 6.9	1.521	2.520	4.7	20.2
5 31	16 28.08	−25 15.8	1.517	2.530	1.4	20.0
6 10	16 17.83	−25 18.4	1.540	2.539	5.1	20.3
6 20	16 8.96	−25 17.0	1.588	2.549	9.4	20.6
6 30	16 2.42	−25 14.6	1.659	2.559	13.2	20.8
218863 2006 WO_{127}			5 30.2 58°.34		8°.7/28.8 18	
4 21	17 16.69	− 5 40.1	1.189	1.991	22.7	19.3
5 1	17 7.51	− 4 19.6	1.178	2.059	18.1	19.2
5 11	16 55.37	− 3 13.4	1.187	2.126	13.4	19.1
5 21	16 41.62	− 2 27.5	1.218	2.191	9.7	19.1
5 31	16 27.87	− 2 5.7	1.274	2.254	8.8	19.2
6 10	16 15.62	− 2 8.2	1.356	2.315	10.7	19.5
6 20	16 5.87	− 2 32.0	1.461	2.375	13.7	19.8
6 30	15 59.14	− 3 12.9	1.587	2.432	16.6	20.1
463773 2014 SW_{188}			5 30.2 134°.94		5°.0/31.3 17	
4 21	17 2.87	−31 5.7	1.514	2.317	18.5	21.6
5 1	16 58.59	−32 0.0	1.435	2.320	15.2	21.4
5 11	16 50.80	−32 45.8	1.376	2.323	11.3	21.1
5 21	16 40.15	−33 17.9	1.339	2.326	7.3	20.9
5 31	16 27.93	−33 32.3	1.327	2.329	5.1	20.8
6 10	16 15.80	−33 28.6	1.340	2.332	7.1	20.9
6 20	16 5.35	−33 10.5	1.378	2.334	11.0	21.1
6 30	15 57.79	−32 44.0	1.437	2.337	14.9	21.4
514728 2006 WV_{113}			5 30.2 212°.58		4°.4/ 1.3 18	
4 21	17 0.40	−38 54.0	3.444	4.173	10.5	23.6
5 1	16 54.70	−39 30.2	3.334	4.163	8.8	23.4
5 11	16 47.10	−39 58.0	3.248	4.152	7.0	23.3
5 21	16 38.03	−40 14.8	3.187	4.141	5.3	23.1
5 31	16 28.13	−40 18.8	3.155	4.129	4.5	23.1
6 10	16 18.19	−40 10.0	3.151	4.116	5.0	23.1
6 20	16 8.95	−39 49.8	3.176	4.103	6.6	23.2
6 30	16 1.11	−39 21.1	3.227	4.089	8.5	23.3
423884 2006 RQ_{96}			5 30.2 251°.10		1°.1/30.5 17	
4 21	16 59.68	−25 6.9	1.899	2.702	15.3	22.7
5 1	16 55.30	−25 9.6	1.793	2.684	12.3	22.4
5 11	16 48.16	−25 6.3	1.709	2.666	8.7	22.2
5 21	16 38.77	−24 55.7	1.648	2.647	4.5	21.9
5 31	16 28.06	−24 37.5	1.614	2.628	1.1	21.6
6 10	16 17.23	−24 13.2	1.608	2.608	5.0	21.8
6 20	16 7.48	−23 46.0	1.628	2.587	9.4	22.0
6 30	15 59.83	−23 19.9	1.672	2.566	13.4	22.2
240178 2002 QN_{34}			5 30.2 287°.89		1°.6/29.7 18	
4 21	16 54.89	−17 54.3	1.957	2.773	14.5	20.6
5 1	16 51.16	−17 46.0	1.863	2.763	11.5	20.4
5 11	16 45.08	−17 36.7	1.791	2.753	7.9	20.1
5 21	16 37.16	−17 27.2	1.743	2.743	4.1	19.9
5 31	16 28.23	−17 18.9	1.721	2.733	1.7	19.7
6 10	16 19.29	−17 13.4	1.727	2.723	5.2	19.9
6 20	16 11.34	−17 12.4	1.758	2.713	9.1	20.1
6 30	16 5.21	−17 17.6	1.813	2.703	12.7	20.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
207425 2006 DA_{97}			5 30.2 21°.57		0°.3/30.1 18	
	h m	° ′			°	m
4 21	16 54.26	−22 5.3	1.083	1.938	21.0	19.5
5 1	16 52.24	−22 1.4	1.023	1.944	16.6	19.3
5 11	16 46.57	−21 51.7	0.980	1.951	11.4	19.0
5 21	16 38.06	−21 36.5	0.956	1.960	5.6	18.7
5 31	16 28.15	−21 17.3	0.955	1.969	0.6	18.4
6 10	16 18.62	−20 57.5	0.976	1.979	6.6	18.8
6 20	16 11.00	−20 41.1	1.019	1.990	12.1	19.2
6 30	16 6.41	−20 31.8	1.082	2.002	16.9	19.5
414115 2007 UW_{34}			5 30.2 211°.72		3°.9/31.2 17	
4 21	17 2.29	−30 17.7	1.749	2.544	16.8	21.4
5 1	16 57.69	−30 54.3	1.659	2.540	13.7	21.2
5 11	16 49.96	−31 22.8	1.588	2.535	10.0	21.0
5 21	16 39.70	−31 39.7	1.541	2.530	6.2	20.7
5 31	16 28.00	−31 42.2	1.520	2.525	3.9	20.6
6 10	16 16.29	−31 30.4	1.525	2.519	6.1	20.7
6 20	16 5.96	−31 7.5	1.556	2.512	10.0	20.9
6 30	15 58.12	−30 38.8	1.610	2.505	13.8	21.1
431828 2008 RY_{142}			5 30.2 225°.20		0°.9/30.5 17	
4 21	16 57.24	−25 5.6	2.059	2.861	14.3	21.9
5 1	16 52.96	−25 4.8	1.965	2.856	11.4	21.6
5 11	16 46.27	−24 58.1	1.893	2.850	8.0	21.4
5 21	16 37.73	−24 44.7	1.845	2.844	4.1	21.2
5 31	16 28.18	−24 25.0	1.825	2.838	1.0	20.9
6 10	16 18.71	−24 0.8	1.832	2.832	4.5	21.2
6 20	16 10.28	−23 34.8	1.866	2.825	8.4	21.4
6 30	16 3.75	−23 10.3	1.924	2.818	11.9	21.6
387859 2004 QX_{16}			5 30.2 221°.27		3°.5/28.2 18	
4 21	16 56.15	−12 55.7	2.677	3.470	11.6	21.8
5 1	16 51.35	−12 5.2	2.573	3.458	9.3	21.7
5 11	16 44.78	−11 14.0	2.494	3.445	6.7	21.5
5 21	16 36.89	−10 24.5	2.442	3.431	4.3	21.3
5 31	16 28.30	− 9 39.6	2.419	3.416	3.6	21.2
6 10	16 19.73	− 9 2.0	2.424	3.400	5.6	21.3
6 20	16 11.88	− 8 33.9	2.458	3.384	8.3	21.5
6 30	16 5.36	− 8 16.6	2.517	3.367	11.0	21.6
207801 2007 TZ_{212}			5 30.2 226°.28		0°.8/30.7 18	
4 21	16 50.84	−25 55.9	3.623	4.406	9.0	22.0
5 1	16 46.84	−25 51.9	3.519	4.399	7.2	21.9
5 11	16 41.53	−25 43.7	3.440	4.392	5.0	21.7
5 21	16 35.24	−25 31.2	3.387	4.384	2.6	21.5
5 31	16 28.45	−25 14.9	3.364	4.377	0.8	21.4
6 10	16 21.70	−24 55.7	3.370	4.369	2.8	21.5
6 20	16 15.50	−24 34.9	3.406	4.361	5.2	21.7
6 30	16 10.29	−24 14.4	3.467	4.352	7.4	21.8
424045 2007 BC_{7}			5 30.2 128°.71		6°.7/ 2.2 17	
4 21	17 3.75	−40 20.8	1.953	2.710	16.5	22.2
5 1	16 58.56	−40 48.4	1.874	2.719	14.0	22.0
5 11	16 50.30	−41 0.3	1.815	2.729	11.1	21.9
5 21	16 39.73	−40 52.1	1.778	2.738	8.3	21.7
5 31	16 28.05	−40 21.3	1.766	2.747	6.7	21.6
6 10	16 16.72	−39 29.7	1.781	2.755	7.4	21.7
6 20	16 7.01	−38 22.5	1.821	2.763	9.7	21.8
6 30	15 59.86	−37 7.1	1.885	2.771	12.6	22.0
36730 2000 RV_{48}			5 30.2 88°.91		2°.3/31.5 18	
4 21	16 55.87	−31 23.9	2.378	3.162	13.2	17.9
5 1	16 51.45	−31 6.1	2.294	3.170	10.6	17.8
5 11	16 44.95	−30 38.1	2.232	3.178	7.6	17.6
5 21	16 36.97	−29 59.4	2.195	3.186	4.5	17.4
5 31	16 28.31	−29 10.7	2.186	3.194	2.3	17.3
6 10	16 19.91	−28 14.8	2.205	3.202	4.1	17.4
6 20	16 12.56	−27 15.4	2.252	3.210	7.2	17.6
6 30	16 6.93	−26 17.0	2.325	3.218	10.2	17.8
85943 1999 EJ_{7}			5 30.2 299°.63		2°.6/30.9 18	
4 21	16 56.20	−28 8.0	1.603	2.419	17.1	19.1
5 1	16 53.21	−28 20.2	1.502	2.399	13.9	18.9
5 11	16 47.11	−28 23.7	1.420	2.378	10.0	18.6
5 21	16 38.42	−28 16.2	1.361	2.357	5.7	18.3
5 31	16 28.16	−27 56.6	1.326	2.337	2.6	18.0
6 10	16 17.74	−27 26.2	1.317	2.317	5.8	18.2
6 20	16 8.58	−26 49.0	1.332	2.297	10.5	18.4
6 30	16 1.87	−26 10.5	1.369	2.277	14.9	18.6
392771 2012 TO_{88}			5 30.2 225°.61		1°.3/29.6 17	
4 21	16 55.68	−19 12.7	2.358	3.160	12.7	21.9
5 1	16 51.32	−18 51.7	2.259	3.152	10.1	21.7
5 11	16 44.94	−18 27.9	2.183	3.142	6.9	21.5
5 21	16 37.03	−18 2.3	2.133	3.133	3.5	21.3
5 31	16 28.30	−17 36.3	2.111	3.123	1.4	21.1
6 10	16 19.61	−17 12.2	2.118	3.113	4.5	21.3
6 20	16 11.77	−16 52.0	2.152	3.102	8.0	21.5
6 30	16 5.47	−16 37.8	2.210	3.091	11.1	21.7

305413 2008 CR_{107} 5 30.2 215°.34 1°.7/29.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 54.15	−17 18.1	2.555	3.357	11.9	21.8
5 1	16 49.91	−17 2.1	2.461	3.352	9.4	21.6
5 11	16 43.86	−16 45.0	2.389	3.347	6.5	21.4
5 21	16 36.46	−16 27.9	2.343	3.342	3.4	21.2
5 31	16 28.36	−16 12.1	2.326	3.336	1.8	21.1
6 10	16 20.30	−15 59.2	2.337	3.330	4.3	21.2
6 20	16 13.02	−15 50.8	2.375	3.324	7.5	21.4
6 30	16 7.12	−15 48.1	2.439	3.317	10.3	21.6

10759 1990 SX_{16} 5 30.2 272°.60 4°.5/31.6 18

4 21	16 57.93	−33 34.9	2.261	3.039	13.9	17.8
5 1	16 53.68	−34 14.1	2.160	3.027	11.5	17.6
5 11	16 46.91	−34 45.2	2.080	3.015	8.7	17.4
5 21	16 38.14	−35 4.9	2.023	3.002	6.0	17.2
5 31	16 28.20	−35 10.8	1.994	2.990	4.5	17.1
6 10	16 18.18	−35 2.9	1.992	2.977	5.7	17.1
6 20	16 9.16	−34 43.1	2.016	2.965	8.5	17.3
6 30	16 2.04	−34 15.6	2.064	2.952	11.5	17.4

156158 2001 TB_{101} 5 30.2 198°.44 1°.8/30.9 18

4 21	17 0.19	−27 18.1	2.427	3.210	13.0	21.3
5 1	16 54.95	−27 30.0	2.328	3.206	10.4	21.1
5 11	16 47.48	−27 36.0	2.252	3.201	7.4	20.9
5 21	16 38.30	−27 34.6	2.201	3.196	4.1	20.7
5 31	16 28.20	−27 25.4	2.179	3.190	1.8	20.5
6 10	16 18.14	−27 9.2	2.186	3.183	4.2	20.7
6 20	16 9.01	−26 48.3	2.221	3.175	7.5	20.9
6 30	16 1.60	−26 25.8	2.282	3.167	10.7	21.1

43670 2002 GA_{13} 5 30.2 168°.19 1°.2/29.7 18

4 21	16 56.41	−19 48.2	2.019	2.829	14.3	20.3
5 1	16 52.16	−19 29.4	1.935	2.831	11.3	20.1
5 11	16 45.63	−19 7.6	1.872	2.833	7.7	19.9
5 21	16 37.39	−18 43.5	1.833	2.834	3.9	19.6
5 31	16 28.28	−18 18.9	1.822	2.835	1.3	19.5
6 10	16 19.32	−17 56.0	1.839	2.836	4.8	19.7
6 20	16 11.41	−17 37.2	1.882	2.836	8.7	19.9
6 30	16 5.33	−17 24.9	1.949	2.837	12.1	20.1

204010 2003 US_{27} 5 30.2 148°.73 0°.8/29.9 18

4 21	16 56.97	−19 48.2	2.485	3.281	12.3	21.5
5 1	16 52.08	−19 39.9	2.401	3.290	9.7	21.3
5 11	16 45.30	−19 29.4	2.341	3.299	6.6	21.1
5 21	16 37.14	−19 17.1	2.307	3.307	3.3	20.9
5 31	16 28.31	−19 4.1	2.301	3.314	0.9	20.8
6 10	16 19.64	−18 51.6	2.325	3.321	4.0	21.0
6 20	16 11.85	−18 41.5	2.376	3.328	7.3	21.2
6 30	16 5.58	−18 35.3	2.453	3.334	10.2	21.4

394740 2008 FP_{23} 5 30.2 265°.63 1°.4/30.7 18

4 21	16 55.70	−25 15.0	2.455	3.249	12.5	21.0
5 1	16 51.44	−25 37.9	2.354	3.240	10.0	20.8
5 11	16 45.11	−25 57.2	2.277	3.231	7.0	20.6
5 21	16 37.16	−26 11.6	2.225	3.222	3.8	20.3
5 31	16 28.31	−26 20.3	2.201	3.213	1.4	20.1
6 10	16 19.42	−26 23.8	2.205	3.203	4.0	20.3
6 20	16 11.35	−26 23.3	2.237	3.194	7.3	20.5
6 30	16 4.83	−26 21.0	2.294	3.185	10.4	20.7

456771 2007 TE_{131} 5 30.2 97°.26 1°.9/29.5 17

4 21	16 58.91	−19 36.7	1.537	2.360	17.4	21.5
5 1	16 54.67	−19 3.5	1.468	2.372	13.7	21.3
5 11	16 47.58	−18 26.1	1.419	2.384	9.4	21.1
5 21	16 38.38	−17 46.3	1.394	2.395	4.7	20.8
5 31	16 28.22	−17 7.2	1.395	2.406	2.1	20.7
6 10	16 18.41	−16 32.4	1.421	2.418	6.0	21.0
6 20	16 10.09	−16 5.4	1.473	2.429	10.5	21.2
6 30	16 4.13	−15 48.9	1.546	2.439	14.4	21.5

203706 2002 PG_{81} 5 30.2 213°.02 2°.0/31.2 18

4 21	16 56.89	−29 45.6	2.092	2.886	14.4	20.4
5 1	16 52.65	−29 29.1	2.001	2.884	11.6	20.2
5 11	16 46.01	−29 2.3	1.931	2.882	8.2	20.0
5 21	16 37.60	−28 24.4	1.886	2.880	4.6	19.8
5 31	16 28.29	−27 36.2	1.868	2.878	2.0	19.6
6 10	16 19.16	−26 40.5	1.878	2.876	4.5	19.8
6 20	16 11.18	−25 41.6	1.914	2.874	8.2	20.0
6 30	16 5.12	−24 44.5	1.976	2.872	11.6	20.2

151516 2002 PN_{78} 5 30.2 359°.28 0°.3/30.2 17

4 21	16 53.87	−20 37.6	1.195	2.045	19.8	19.4
5 1	16 51.82	−20 49.9	1.123	2.042	15.7	19.2
5 11	16 46.32	−21 0.1	1.070	2.040	10.9	18.9
5 21	16 38.04	−21 7.8	1.036	2.039	5.4	18.6
5 31	16 28.25	−21 13.1	1.026	2.040	0.6	18.2
6 10	16 18.58	−21 17.4	1.038	2.041	6.3	18.6
6 20	16 10.57	−21 22.9	1.073	2.043	11.8	18.9
6 30	16 5.40	−21 32.4	1.128	2.046	16.5	19.2

147808 2005 SX_{73} 5 30.2 237°.96 2°.2/31.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 55.44	−30 17.2	2.555	3.338	12.4	20.4
5 1	16 51.14	−30 14.3	2.455	3.331	10.0	20.2
5 11	16 44.82	−30 3.1	2.377	3.323	7.2	20.0
5 21	16 36.99	−29 42.6	2.324	3.315	4.2	19.8
5 31	16 28.36	−29 12.9	2.299	3.307	2.3	19.7
6 10	16 19.81	−28 35.7	2.303	3.299	4.1	19.8
6 20	16 12.14	−27 53.6	2.334	3.291	7.1	19.9
6 30	16 6.04	−27 10.4	2.391	3.282	10.0	20.1

276117 2002 GC_{62} 5 30.2 351°.69 6°.9/27.1 17

4 21	16 50.60	−10 49.9	1.467	2.308	17.2	20.3
5 1	16 48.31	− 9 22.6	1.393	2.303	13.9	20.0
5 11	16 43.36	− 7 55.6	1.340	2.298	10.4	19.8
5 21	16 36.40	− 6 35.2	1.309	2.295	7.6	19.6
5 31	16 28.42	− 5 28.5	1.301	2.292	7.2	19.6
6 10	16 20.61	− 4 41.4	1.318	2.290	9.7	19.7
6 20	16 14.05	− 4 16.7	1.357	2.289	13.2	19.9
6 30	16 9.61	− 4 14.9	1.416	2.289	16.7	20.1

134585 1999 TN_{56} 5 30.2 231°.44 0°.7/30.4 18 R

4 21	17 0.04	−24 1.3	1.922	2.725	15.2	21.3
5 1	16 55.47	−24 3.1	1.822	2.713	12.1	21.1
5 11	16 48.21	−23 59.7	1.744	2.701	8.5	20.8
5 21	16 38.82	−23 50.1	1.689	2.689	4.3	20.6
5 31	16 28.21	−23 34.4	1.662	2.676	0.7	20.3
6 10	16 17.55	−23 14.2	1.663	2.662	4.9	20.5
6 20	16 8.00	−22 52.2	1.689	2.648	9.2	20.8
6 30	16 0.51	−22 32.0	1.740	2.633	13.1	21.0

342660 2008 VW_{4} 5 30.2 233°.59 0°.4/30.1 18

4 21	16 58.83	−19 46.7	2.310	3.106	13.1	21.4
5 1	16 53.99	−20 2.3	2.206	3.094	10.4	21.2
5 11	16 46.93	−20 17.2	2.124	3.082	7.2	21.0
5 21	16 38.11	−20 31.1	2.069	3.069	3.6	20.8
5 31	16 28.27	−20 43.6	2.042	3.056	0.5	20.5
6 10	16 18.35	−20 55.1	2.044	3.042	4.3	20.7
6 20	16 9.27	−21 6.6	2.073	3.027	8.0	21.0
6 30	16 1.82	−21 19.5	2.128	3.012	11.4	21.1

173899 2001 UG_{144} 5 30.2 210°.42 1°.0/29.7 18

4 21	16 54.72	−19 15.5	2.632	3.430	11.7	21.5
5 1	16 50.33	−19 2.4	2.535	3.425	9.2	21.3
5 11	16 44.16	−18 47.3	2.461	3.420	6.3	21.1
5 21	16 36.63	−18 30.7	2.414	3.414	3.2	20.9
5 31	16 28.41	−18 13.9	2.395	3.407	1.1	20.7
6 10	16 20.23	−17 58.2	2.405	3.401	4.0	20.9
6 20	16 12.81	−17 45.4	2.443	3.394	7.1	21.1
6 30	16 6.77	−17 37.2	2.506	3.386	10.0	21.3

495941 2006 RQ_{3} 5 30.2 310°.12 2°.8/31.3 17

4 21	16 54.28	−30 25.6	1.320	2.150	19.4	20.7
5 1	16 52.56	−30 8.0	1.213	2.117	15.9	20.4
5 11	16 47.23	−29 33.2	1.123	2.084	11.6	20.1
5 21	16 38.73	−28 38.0	1.053	2.051	6.7	19.7
5 31	16 28.19	−27 21.7	1.006	2.018	2.8	19.3
6 10	16 17.33	−25 48.7	0.984	1.986	6.6	19.5
6 20	16 7.89	−24 7.5	0.983	1.954	12.4	19.7
6 30	16 1.40	−22 29.2	1.004	1.923	17.9	19.9

75254 1999 XC_{4} 5 30.2 185°.43 2°.6/29.2 17

4 21	16 57.89	−17 40.8	1.811	2.625	15.5	19.9
5 1	16 53.57	−16 59.9	1.727	2.626	12.3	19.7
5 11	16 46.73	−16 15.9	1.664	2.625	8.5	19.5
5 21	16 38.00	−15 30.8	1.626	2.625	4.6	19.2
5 31	16 28.30	−14 47.9	1.615	2.624	2.8	19.1
6 10	16 18.76	−14 10.7	1.630	2.622	6.0	19.3
6 20	16 10.41	−13 42.4	1.672	2.620	10.0	19.6
6 30	16 4.08	−13 25.2	1.736	2.618	13.6	19.8

306234 2011 QT_{64} 5 30.2 37°.99 4°.6/29.1 17

4 21	16 56.04	−14 41.4	1.160	2.009	20.3	20.6
5 1	16 53.21	−14 2.4	1.100	2.017	16.1	20.4
5 11	16 47.01	−13 24.3	1.058	2.026	11.3	20.2
5 21	16 38.25	−12 51.1	1.037	2.035	6.6	19.9
5 31	16 28.28	−12 27.0	1.039	2.045	4.7	19.8
6 10	16 18.68	−12 15.7	1.063	2.056	8.2	20.1
6 20	16 10.85	−12 19.0	1.110	2.067	12.9	20.4
6 30	16 5.79	−12 37.1	1.176	2.078	17.2	20.7

294661 2008 AD_{85} 5 30.2 342°.32 4°.8/ 1.2 16

4 21	16 56.10	−35 16.3	2.031	2.815	15.1	20.2
5 1	16 52.40	−35 36.8	1.942	2.811	12.5	20.0
5 11	16 46.08	−35 45.4	1.872	2.808	9.5	19.8
5 21	16 37.73	−35 39.2	1.826	2.805	6.6	19.6
5 31	16 28.32	−35 16.9	1.806	2.802	4.8	19.5
6 10	16 19.03	−34 39.8	1.812	2.800	6.0	19.6
6 20	16 10.95	−33 51.5	1.843	2.798	8.8	19.8
6 30	16 4.98	−32 57.6	1.899	2.796	11.9	19.9

123622 2000 YF_{28} 5 30.2 190°.47 6°.0/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 56.24	− 5 6.8	2.257	3.051	13.5	20.3
5 1	16 51.67	− 4 28.4	2.174	3.050	11.1	20.1
5 11	16 45.13	− 3 56.2	2.112	3.049	8.6	19.9
5 21	16 37.13	− 3 33.6	2.076	3.047	6.5	19.8
5 31	16 28.38	− 3 23.5	2.066	3.044	6.1	19.8
6 10	16 19.72	− 3 27.7	2.083	3.041	7.6	19.9
6 20	16 11.93	− 3 46.4	2.126	3.038	10.1	20.0
6 30	16 5.68	− 4 18.8	2.193	3.034	12.7	20.2

149153 2002 FK 5 30.2 16°.63 2°.2/29.3 18

4 21	16 52.31	−17 10.8	2.137	2.953	13.4	19.4
5 1	16 48.79	−16 42.3	2.056	2.955	10.6	19.2
5 11	16 43.24	−16 12.4	1.996	2.958	7.3	19.0
5 21	16 36.22	−15 42.6	1.961	2.960	3.9	18.8
5 31	16 28.46	−15 15.3	1.954	2.963	2.3	18.7
6 10	16 20.84	−14 52.8	1.974	2.966	5.0	18.9
6 20	16 14.16	−14 37.1	2.019	2.970	8.4	19.1
6 30	16 9.07	−14 29.7	2.089	2.973	11.6	19.3

427293 2014 WF_{250} 5 30.2 299°.81 5°.9/31.7 17

4 21	16 58.30	−33 4.0	1.376	2.191	19.5	21.0
5 1	16 55.68	−33 46.2	1.284	2.174	16.2	20.7
5 11	16 49.32	−34 17.1	1.209	2.158	12.3	20.4
5 21	16 39.72	−34 31.2	1.155	2.141	8.3	20.1
5 31	16 28.13	−34 24.1	1.124	2.125	5.9	20.0
6 10	16 16.35	−33 55.6	1.116	2.109	7.9	20.0
6 20	16 6.19	−33 10.1	1.131	2.094	12.2	20.2
6 30	15 59.13	−32 15.9	1.167	2.079	16.6	20.4

465090 2006 UZ_{71} 5 30.2 269°.25 3°.4/31.3 17

4 21	16 59.17	−30 17.6	1.671	2.475	17.0	21.9
5 1	16 55.45	−30 29.6	1.572	2.460	13.9	21.6
5 11	16 48.59	−30 31.2	1.492	2.444	10.2	21.4
5 21	16 39.15	−30 19.6	1.436	2.428	6.1	21.1
5 31	16 28.20	−29 53.3	1.404	2.412	3.4	20.9
6 10	16 17.18	−29 13.8	1.399	2.396	5.9	21.0
6 20	16 7.50	−28 25.6	1.418	2.380	10.2	21.2
6 30	16 0.32	−27 35.0	1.460	2.364	14.4	21.4

233987 1995 UJ_{65} 5 30.2 332°.98 3°.5/30.7 17

4 21	16 54.88	−25 51.1	1.088	1.939	21.3	20.3
5 1	16 53.43	−26 39.7	1.010	1.927	17.2	20.0
5 11	16 48.02	−27 23.9	0.948	1.915	12.4	19.6
5 21	16 39.17	−27 59.8	0.906	1.905	7.0	19.3
5 31	16 28.18	−28 23.4	0.884	1.895	3.5	19.1
6 10	16 17.04	−28 33.5	0.885	1.887	7.4	19.3
6 20	16 7.69	−28 32.8	0.907	1.879	13.0	19.5
6 30	16 1.72	−28 26.9	0.948	1.873	18.2	19.8

496834 1996 TQ_{6} 5 30.2 258°.74 3°.4/28.9 17

4 21	17 0.50	−14 51.4	2.094	2.894	14.2	25.0
5 1	16 55.63	−14 15.2	1.975	2.864	11.4	24.8
5 11	16 48.28	−13 37.1	1.878	2.833	8.2	24.5
5 21	16 38.89	−12 59.3	1.807	2.801	4.8	24.2
5 31	16 28.23	−12 24.5	1.763	2.768	3.5	24.1
6 10	16 17.32	−11 55.8	1.748	2.733	6.4	24.2
6 20	16 7.22	−11 36.0	1.759	2.698	10.3	24.3
6 30	15 58.87	−11 27.4	1.795	2.661	14.0	24.5

228358 2000 TL_{65} 5 30.2 246°.67 1°.5/30.7 17

4 21	16 58.47	−26 6.2	2.116	2.913	14.2	21.8
5 1	16 54.05	−26 13.4	2.012	2.899	11.4	21.5
5 11	16 47.15	−26 14.6	1.929	2.884	8.0	21.3
5 21	16 38.29	−26 8.7	1.871	2.868	4.3	21.0
5 31	16 28.30	−25 55.2	1.840	2.852	1.5	20.8
6 10	16 18.24	−25 35.3	1.837	2.836	4.6	21.0
6 20	16 9.17	−25 11.5	1.861	2.819	8.5	21.2
6 30	16 1.97	−24 47.5	1.910	2.802	12.1	21.4

336239 2008 SD_{110} 5 30.2 246°.05 1°.8/29.6 17

4 21	16 55.98	−17 59.1	1.995	2.807	14.4	21.8
5 1	16 51.96	−17 41.4	1.902	2.800	11.4	21.5
5 11	16 45.62	−17 21.9	1.831	2.792	7.9	21.3
5 21	16 37.49	−17 1.7	1.784	2.784	4.1	21.1
5 31	16 28.37	−16 42.6	1.765	2.776	1.9	20.9
6 10	16 19.30	−16 26.7	1.772	2.767	5.2	21.1
6 20	16 11.22	−16 16.2	1.806	2.759	9.1	21.3
6 30	16 4.95	−16 12.8	1.864	2.750	12.6	21.5

88460 2001 QT_{97} 5 30.2 294°.00 1°.5/29.8 18

4 21	16 56.03	−21 8.3	1.335	2.172	18.8	18.6
5 1	16 53.58	−20 40.9	1.234	2.146	15.1	18.3
5 11	16 47.72	−20 6.0	1.152	2.120	10.6	17.9
5 21	16 38.91	−19 24.4	1.091	2.093	5.3	17.5
5 31	16 28.23	−18 38.5	1.053	2.066	1.7	17.2
6 10	16 17.25	−17 52.8	1.040	2.040	7.0	17.5
6 20	16 7.59	−17 12.8	1.050	2.013	12.7	17.7
6 30	16 0.62	−16 44.0	1.079	1.987	18.0	17.9

32300 Uwamanzunna 5 30.2 143°.44 1°.6/29.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 54.20	−17 58.6	2.443	3.247	12.3	19.7
5 1	16 49.98	−17 38.0	2.358	3.251	9.7	19.6
5 11	16 43.93	−17 15.9	2.297	3.256	6.6	19.4
5 21	16 36.53	−16 53.3	2.261	3.260	3.4	19.2
5 31	16 28.48	−16 31.8	2.253	3.264	1.7	19.0
6 10	16 20.55	−16 13.3	2.274	3.268	4.4	19.2
6 20	16 13.47	−15 59.4	2.322	3.271	7.5	19.4
6 30	16 7.85	−15 51.8	2.395	3.275	10.4	19.6

86153 1999 RE_{201} 5 30.2 198°.65 5°.1/ 2.2 18 R

4 21	16 58.93	−41 20.2	3.074	3.803	11.6	19.3
5 1	16 53.76	−41 40.5	2.974	3.800	9.9	19.2
5 11	16 46.56	−41 49.5	2.896	3.796	7.9	19.1
5 21	16 37.85	−41 44.6	2.843	3.792	6.2	18.9
5 31	16 28.37	−41 24.7	2.816	3.787	5.1	18.9
6 10	16 18.99	−40 50.2	2.818	3.782	5.6	18.9
6 20	16 10.53	−40 3.6	2.847	3.777	7.2	19.0
6 30	16 3.67	−39 9.1	2.901	3.771	9.1	19.1

93875 2000 WW_{125} 5 30.2 267°.48 2°.5/31.5 18

4 21	16 57.97	−31 18.1	1.908	2.703	15.6	19.3
5 1	16 53.93	−30 57.5	1.809	2.691	12.6	19.1
5 11	16 47.17	−30 23.7	1.729	2.679	9.1	18.8
5 21	16 38.31	−29 35.5	1.674	2.667	5.3	18.6
5 31	16 28.33	−28 33.5	1.645	2.654	2.6	18.4
6 10	16 18.47	−27 21.0	1.643	2.642	5.0	18.5
6 20	16 9.85	−26 3.7	1.668	2.629	9.0	18.7
6 30	16 3.39	−24 48.1	1.717	2.617	12.8	18.9

439578 2014 DL_{105} 5 30.2 271°.91 6°.4/27.4 18

4 21	16 52.95	− 5 44.2	2.145	2.951	13.7	21.2
5 1	16 49.26	− 4 49.4	2.061	2.944	11.3	21.0
5 11	16 43.59	− 3 59.7	1.998	2.938	8.8	20.8
5 21	16 36.43	− 3 19.1	1.960	2.931	6.8	20.7
5 31	16 28.50	− 2 51.5	1.948	2.925	6.5	20.7
6 10	16 20.64	− 2 39.4	1.962	2.918	8.1	20.8
6 20	16 13.64	− 2 43.9	2.000	2.912	10.7	20.9
6 30	16 8.18	− 3 4.5	2.062	2.905	13.3	21.1

415990 2002 AJ_{21} 5 30.2 161°.40 11°.2/27.2 17

4 21	17 1.02	+14 57.0	2.447	3.154	14.8	21.6
5 1	16 55.12	+15 40.6	2.382	3.161	13.4	21.5
5 11	16 47.32	+16 6.3	2.337	3.167	12.1	21.4
5 21	16 38.15	+16 9.2	2.314	3.173	11.3	21.3
5 31	16 28.36	+15 46.1	2.314	3.178	11.2	21.3
6 10	16 18.79	+14 56.8	2.339	3.182	11.9	21.4
6 20	16 10.18	+13 43.3	2.386	3.186	13.1	21.5
6 30	16 3.15	+12 9.9	2.455	3.189	14.5	21.6

102984 1999 XJ_{81} 5 30.2 297°.14 0°.6/30.5 18

4 21	16 55.80	−25 18.1	1.485	2.312	17.7	19.6
5 1	16 53.06	−25 0.8	1.384	2.289	14.3	19.3
5 11	16 47.14	−24 33.5	1.302	2.266	10.1	19.0
5 21	16 38.54	−23 55.7	1.242	2.243	5.1	18.7
5 31	16 28.32	−23 8.3	1.206	2.220	0.7	18.3
6 10	16 17.94	−22 15.0	1.196	2.197	5.9	18.6
6 20	16 8.87	−21 21.3	1.209	2.175	11.2	18.8
6 30	16 2.32	−20 33.4	1.244	2.153	16.0	19.0

251786 1999 RB_{207} 5 30.2 275°.31 7°.8/ 2.6 18

4 21	17 0.70	−45 34.1	2.492	3.214	14.2	20.3
5 1	16 56.13	−46 21.5	2.388	3.199	12.4	20.2
5 11	16 48.77	−46 55.3	2.304	3.184	10.5	20.0
5 21	16 39.16	−47 10.5	2.243	3.168	8.8	19.9
5 31	16 28.27	−47 3.8	2.205	3.153	7.9	19.8
6 10	16 17.34	−46 34.5	2.194	3.137	8.2	19.8
6 20	16 7.59	−45 45.3	2.207	3.121	9.7	19.8
6 30	16 0.02	−44 41.7	2.244	3.106	11.7	19.9

118795 2000 SO_{29} 5 30.2 237°.93 1°.1/30.6 18

4 21	16 58.22	−25 30.3	2.103	2.902	14.2	20.7
5 1	16 53.81	−25 30.1	2.002	2.890	11.4	20.5
5 11	16 46.96	−25 23.8	1.923	2.878	8.0	20.3
5 21	16 38.20	−25 10.5	1.868	2.866	4.1	20.0
5 31	16 28.37	−24 50.3	1.840	2.853	1.1	19.8
6 10	16 18.53	−24 24.7	1.841	2.840	4.5	20.0
6 20	16 9.69	−23 56.7	1.868	2.827	8.4	20.2
6 30	16 2.73	−23 29.8	1.920	2.813	12.0	20.4

499576 2010 TA_{1} 5 30.2 238°.23 2°.1/29.6 17

4 21	16 59.59	−16 56.7	1.899	2.707	15.1	22.4
5 1	16 55.06	−16 44.5	1.798	2.693	12.1	22.2
5 11	16 47.94	−16 31.6	1.719	2.679	8.4	21.9
5 21	16 38.74	−16 19.0	1.664	2.663	4.5	21.6
5 31	16 28.32	−16 8.2	1.637	2.647	2.2	21.4
6 10	16 17.83	−16 1.1	1.636	2.631	5.7	21.6
6 20	16 8.34	−15 59.6	1.662	2.613	9.9	21.8
6 30	16 0.82	−16 5.3	1.712	2.595	13.7	22.0

138870 2000 XP_{16} 5 30.2 153°.82 2°.8/31.9 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 56.65	−33 11.9	2.822	3.589	11.7	20.4
5 1	16 51.82	−33 8.5	2.732	3.595	9.5	20.3
5 11	16 45.14	−32 55.8	2.664	3.601	7.0	20.1
5 21	16 37.13	−32 32.9	2.622	3.606	4.4	20.0
5 31	16 28.48	−31 59.8	2.608	3.611	2.8	19.9
6 10	16 20.00	−31 18.2	2.623	3.615	4.0	20.0
6 20	16 12.43	−30 30.8	2.667	3.620	6.5	20.1
6 30	16 6.36	−29 41.4	2.736	3.623	9.0	20.3

499493 2010 MY_{65} 5 30.2 248°.42 4°.2/31.8 17

4 21	17 2.52	−33 33.7	1.943	2.722	15.8	22.3
5 1	16 57.80	−33 44.8	1.833	2.703	13.1	22.0
5 11	16 50.06	−33 44.2	1.744	2.684	9.8	21.8
5 21	16 39.87	−33 28.2	1.679	2.663	6.4	21.5
5 31	16 28.23	−32 55.0	1.640	2.642	4.2	21.4
6 10	16 16.50	−32 5.8	1.628	2.620	6.0	21.4
6 20	16 6.00	−31 4.9	1.642	2.597	9.6	21.6
6 30	15 57.84	−29 58.9	1.681	2.574	13.4	21.8

311203 2004 XD_{110} 5 30.2 244°.61 3°.6/31.2 17

4 21	17 1.42	−29 33.1	1.637	2.440	17.4	20.9
5 1	16 57.32	−30 2.2	1.543	2.430	14.2	20.7
5 11	16 49.94	−30 23.1	1.468	2.420	10.3	20.4
5 21	16 39.88	−30 32.4	1.416	2.408	6.2	20.1
5 31	16 28.23	−30 27.4	1.390	2.397	3.6	20.0
6 10	16 16.49	−30 8.7	1.389	2.385	6.2	20.1
6 20	16 6.15	−29 39.7	1.413	2.373	10.5	20.3
6 30	15 58.40	−29 6.2	1.460	2.361	14.6	20.5

137244 1999 RY_{59} 5 30.2 297°.08 4°.5/31.6 18

4 21	16 58.67	−31 26.7	1.238	2.064	20.6	19.7
5 1	16 56.10	−31 42.1	1.154	2.054	16.9	19.4
5 11	16 49.61	−31 43.6	1.088	2.045	12.5	19.1
5 21	16 39.85	−31 26.7	1.042	2.036	7.7	18.8
5 31	16 28.23	−30 49.4	1.019	2.027	4.5	18.6
6 10	16 16.65	−29 54.3	1.019	2.018	7.2	18.7
6 20	16 6.95	−28 48.4	1.041	2.009	12.2	18.9
6 30	16 0.50	−27 41.0	1.084	2.001	17.1	19.2

431955 2008 UQ_{68} 5 30.2 213°.05 1°.1/29.9 17

4 21	16 56.99	−18 45.1	1.930	2.743	14.8	21.2
5 1	16 52.84	−18 48.5	1.844	2.742	11.7	21.0
5 11	16 46.27	−18 51.0	1.780	2.741	8.0	20.8
5 21	16 37.84	−18 52.9	1.739	2.740	4.0	20.6
5 31	16 28.42	−18 54.9	1.726	2.739	1.2	20.3
6 10	16 19.07	−18 57.9	1.740	2.738	4.9	20.6
6 20	16 10.78	−19 3.4	1.780	2.736	8.9	20.8
6 30	16 4.40	−19 12.9	1.844	2.735	12.5	21.1

202724 2007 HD_{65} 5 30.2 330°.28 7°.7/26.4 17

4 21	16 47.73	−12 15.1	1.300	2.154	18.2	19.8
5 1	16 46.67	−10 32.1	1.210	2.129	14.8	19.5
5 11	16 42.69	− 8 43.1	1.140	2.104	11.2	19.2
5 21	16 36.32	− 6 55.5	1.091	2.080	8.2	19.0
5 31	16 28.54	− 5 19.1	1.065	2.057	8.1	18.9
6 10	16 20.68	− 4 3.1	1.061	2.035	11.2	19.0
6 20	16 14.05	− 3 13.8	1.079	2.015	15.4	19.1
6 30	16 9.75	− 2 53.7	1.114	1.997	19.5	19.3

414154 2007 WC_{40} 5 30.2 86°.91 2°.2/31.1 17

4 21	16 59.56	−28 37.6	1.511	2.325	18.1	21.1
5 1	16 55.62	−28 31.3	1.436	2.332	14.5	20.8
5 11	16 48.51	−28 13.7	1.381	2.338	10.3	20.6
5 21	16 39.00	−27 43.4	1.348	2.345	5.6	20.4
5 31	16 28.33	−27 1.1	1.340	2.352	2.2	20.1
6 10	16 17.98	−26 10.3	1.358	2.359	5.6	20.4
6 20	16 9.26	−25 16.6	1.401	2.365	10.1	20.7
6 30	16 3.15	−24 26.0	1.466	2.372	14.2	20.9

200223 1999 TD_{270} 5 30.2 253°.72 0°.6/29.9 18

4 21	16 56.59	−22 52.6	2.157	2.960	13.7	20.2
5 1	16 52.38	−22 18.9	2.051	2.944	10.9	20.0
5 11	16 45.90	−21 38.3	1.968	2.928	7.5	19.7
5 21	16 37.65	−20 51.5	1.911	2.911	3.7	19.5
5 31	16 28.44	−20 0.6	1.881	2.894	0.7	19.2
6 10	16 19.25	−19 8.8	1.879	2.877	4.6	19.5
6 20	16 10.99	−18 19.8	1.904	2.859	8.6	19.7
6 30	16 4.49	−17 37.2	1.955	2.841	12.1	19.9

29532 1998 BJ_{1} 5 30.2 45°.97 4°.3/28.9 18

4 21	16 54.09	−10 18.7	2.073	2.884	13.9	18.6
5 1	16 50.19	− 9 56.1	1.995	2.888	11.2	18.4
5 11	16 44.24	− 9 37.6	1.939	2.892	8.1	18.2
5 21	16 36.76	− 9 25.4	1.908	2.897	5.3	18.0
5 31	16 28.53	− 9 21.8	1.903	2.901	4.4	18.0
6 10	16 20.42	− 9 28.3	1.925	2.906	6.4	18.1
6 20	16 13.28	− 9 45.2	1.973	2.911	9.4	18.3
6 30	16 7.76	−10 12.3	2.045	2.915	12.3	18.5

497967 2007 BF_{22} 5 30.2 74°.82 9°.1/ 3.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	17 4.37	−45 5.9	1.714	2.463	18.8	21.1
5 1	16 59.82	−45 44.5	1.641	2.473	16.2	20.9
5 11	16 51.60	−46 2.6	1.586	2.483	13.5	20.8
5 21	16 40.56	−45 54.3	1.552	2.493	10.8	20.6
5 31	16 28.22	−45 15.9	1.540	2.503	9.2	20.5
6 10	16 16.36	−44 9.3	1.552	2.513	9.5	20.6
6 20	16 6.54	−42 41.2	1.589	2.523	11.5	20.7
6 30	15 59.80	−41 1.3	1.648	2.533	14.1	20.9

393889 2005 TX_{101} 5 30.2 318°.00 3°.9/31.3 15

4 21	16 54.56	−30 22.3	1.847	2.652	15.6	20.8
5 1	16 51.66	−30 55.0	1.740	2.627	12.8	20.6
5 11	16 45.96	−31 20.3	1.652	2.602	9.5	20.3
5 21	16 37.92	−31 35.3	1.588	2.578	6.0	20.0
5 31	16 28.42	−31 37.6	1.549	2.554	3.9	19.8
6 10	16 18.70	−31 27.1	1.535	2.530	5.9	19.9
6 20	16 10.02	−31 6.2	1.547	2.507	9.7	20.1
6 30	16 3.49	−30 39.3	1.581	2.485	13.5	20.3

519614 2012 UA_{181} 5 30.2 283°.42 1°.0/30.5 17

4 21	16 56.63	−23 53.9	1.956	2.764	14.8	21.8
5 1	16 52.71	−24 8.2	1.863	2.757	11.8	21.6
5 11	16 46.30	−24 18.5	1.791	2.750	8.2	21.3
5 21	16 37.91	−24 23.8	1.744	2.743	4.2	21.1
5 31	16 28.44	−24 23.7	1.723	2.737	1.0	20.8
6 10	16 18.97	−24 19.1	1.730	2.730	4.6	21.1
6 20	16 10.55	−24 11.9	1.763	2.723	8.7	21.3
6 30	16 4.07	−24 5.0	1.819	2.716	12.3	21.5

251879 1999 VW_{59} 5 30.2 219°.59 0°.5/30.1 17

4 21	16 59.57	−21 57.1	1.982	2.786	14.8	22.0
5 1	16 54.92	−21 42.5	1.885	2.777	11.7	21.8
5 11	16 47.75	−21 23.1	1.809	2.768	8.1	21.6
5 21	16 38.61	−20 59.1	1.758	2.758	4.0	21.3
5 31	16 28.39	−20 31.5	1.734	2.747	0.6	21.0
6 10	16 18.19	−20 2.7	1.738	2.736	4.9	21.3
6 20	16 9.06	−19 35.7	1.769	2.724	9.0	21.5
6 30	16 1.88	−19 13.6	1.824	2.712	12.8	21.7

282938 2007 RQ_{11} 5 30.2 249°.50 5°.8/27.3 16

4 21	16 54.28	− 7 28.8	2.295	3.096	13.1	21.6
5 1	16 50.25	− 6 28.0	2.199	3.081	10.7	21.4
5 11	16 44.28	− 5 29.9	2.124	3.066	8.2	21.2
5 21	16 36.82	− 4 38.2	2.076	3.050	6.2	21.1
5 31	16 28.55	− 3 56.9	2.054	3.034	5.9	21.0
6 10	16 20.27	− 3 29.3	2.059	3.018	7.7	21.1
6 20	16 12.78	− 3 17.0	2.090	3.001	10.3	21.2
6 30	16 6.75	− 3 20.5	2.143	2.984	13.0	21.4

306142 2010 KX_{14} 5 30.2 307°.10 2°.2/31.3 17

4 21	16 54.91	−29 52.6	2.181	2.976	13.9	20.6
5 1	16 51.11	−29 44.8	2.086	2.970	11.2	20.4
5 11	16 45.03	−29 27.5	2.013	2.964	8.0	20.1
5 21	16 37.22	−28 59.9	1.964	2.958	4.6	19.9
5 31	16 28.53	−28 22.1	1.943	2.952	2.2	19.7
6 10	16 19.94	−27 36.6	1.948	2.946	4.4	19.9
6 20	16 12.38	−26 46.9	1.981	2.941	7.9	20.1
6 30	16 6.63	−25 57.5	2.038	2.936	11.2	20.3

230034 2000 QV_{26} 5 30.2 287°.21 1°.8/30.9 17

4 21	16 56.85	−26 55.9	1.748	2.559	16.1	20.6
5 1	16 53.41	−26 59.3	1.646	2.541	13.0	20.4
5 11	16 47.09	−26 54.9	1.565	2.522	9.3	20.1
5 21	16 38.44	−26 41.0	1.506	2.504	5.0	19.8
5 31	16 28.42	−26 17.2	1.474	2.486	1.8	19.5
6 10	16 18.29	−25 45.5	1.467	2.468	5.3	19.7
6 20	16 9.33	−25 9.3	1.486	2.449	9.8	19.9
6 30	16 2.60	−24 33.8	1.528	2.431	13.9	20.1

455993 2005 WN_{189} 5 30.2 158°.01 0°.2/30.2 16

4 21	17 2.19	−21 38.8	1.616	2.428	17.2	22.3
5 1	16 57.42	−21 41.1	1.537	2.434	13.6	22.0
5 11	16 49.67	−21 39.7	1.478	2.439	9.4	21.8
5 21	16 39.60	−21 34.0	1.443	2.443	4.6	21.5
5 31	16 28.33	−21 24.6	1.434	2.447	0.4	21.2
6 10	16 17.25	−21 13.0	1.451	2.451	5.4	21.6
6 20	16 7.61	−21 2.0	1.494	2.453	10.1	21.9
6 30	16 0.39	−20 54.8	1.560	2.456	14.1	22.1

71915 2000 WK_{48} 5 30.2 174°.18 5°.3/29.2 17

4 21	17 0.59	− 8 17.0	1.771	2.576	16.2	19.6
5 1	16 55.73	− 8 4.0	1.691	2.578	13.1	19.4
5 11	16 48.29	− 7 57.9	1.631	2.580	9.7	19.2
5 21	16 38.86	− 8 1.6	1.595	2.581	6.4	19.0
5 31	16 28.40	− 8 17.0	1.586	2.582	5.3	18.9
6 10	16 18.04	− 8 44.9	1.603	2.582	7.5	19.0
6 20	16 8.85	− 9 24.9	1.646	2.582	11.0	19.2
6 30	16 1.72	−10 15.7	1.712	2.582	14.4	19.4

154595 2003 *OZ* 5 30.2 285°.94 10°.4/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 56.34	− 6 36.5	1.546	2.367	17.4	19.6
5 1	16 53.03	− 4 2.0	1.448	2.339	14.7	19.4
5 11	16 46.87	− 1 21.5	1.372	2.310	12.0	19.1
5 21	16 38.36	+ 1 14.9	1.320	2.281	10.5	19.0
5 31	16 28.44	+ 3 35.0	1.294	2.252	11.2	18.9
6 10	16 18.34	+ 5 27.9	1.292	2.222	13.8	19.0
6 20	16 9.32	+ 6 46.5	1.313	2.192	17.2	19.1
6 30	16 2.46	+ 7 28.9	1.351	2.162	20.6	19.2

427060 2014 TE_{84} 5 30.2 122°.19 1°.2/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 0.02	−19 8.6	1.760	2.572	16.0	22.1
5 1	16 55.31	−19 2.1	1.686	2.583	12.6	21.9
5 11	16 47.97	−18 53.7	1.632	2.594	8.7	21.7
5 21	16 38.68	−18 43.9	1.604	2.604	4.3	21.5
5 31	16 28.44	−18 33.8	1.601	2.614	1.3	21.3
6 10	16 18.44	−18 25.3	1.626	2.624	5.2	21.6
6 20	16 9.74	−18 20.2	1.677	2.633	9.4	21.8
6 30	16 3.18	−18 20.8	1.751	2.642	13.1	22.1

436788 2012 PS_{20} 5 30.2 219°.95 2°.2/29.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.86	−16 53.0	2.194	3.001	13.4	22.4
5 1	16 51.63	−16 26.8	2.101	2.995	10.6	22.2
5 11	16 45.29	−15 59.1	2.030	2.989	7.4	22.0
5 21	16 37.35	−15 31.5	1.984	2.982	4.0	21.7
5 31	16 28.57	−15 5.9	1.967	2.976	2.3	21.6
6 10	16 19.84	−14 44.7	1.977	2.968	5.1	21.8
6 20	16 12.02	−14 29.9	2.013	2.961	8.6	22.0
6 30	16 5.83	−14 23.2	2.074	2.953	11.9	22.2

366542 2002 QQ_{93} 5 30.2 224°.03 0°.6/30.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 0.07	−24 2.7	2.025	2.824	14.6	22.2
5 1	16 55.36	−24 3.0	1.925	2.814	11.7	22.0
5 11	16 48.11	−23 58.1	1.847	2.804	8.2	21.7
5 21	16 38.84	−23 47.3	1.793	2.793	4.1	21.5
5 31	16 28.44	−23 30.6	1.767	2.781	0.7	21.2
6 10	16 18.02	−23 9.6	1.769	2.768	4.6	21.5
6 20	16 8.65	−22 47.0	1.798	2.755	8.8	21.7
6 30	16 1.24	−22 26.3	1.851	2.742	12.5	21.9

470054 2006 SX_{203} 5 30.2 271°.58 1°.4/29.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.45	−18 40.1	2.189	2.998	13.3	22.1
5 1	16 50.61	−18 25.6	2.092	2.989	10.6	21.9
5 11	16 44.65	−18 9.2	2.018	2.979	7.3	21.6
5 21	16 37.06	−17 51.8	1.969	2.969	3.7	21.4
5 31	16 28.59	−17 34.7	1.948	2.960	1.5	21.2
6 10	16 20.14	−17 19.8	1.954	2.950	4.7	21.4
6 20	16 12.56	−17 9.0	1.986	2.940	8.3	21.6
6 30	16 6.61	−17 4.1	2.043	2.930	11.7	21.8

470494 2008 CC_{26} 5 30.2 201°.98 2°.7/31.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 57.32	−31 12.5	2.597	3.373	12.4	22.9
5 1	16 52.64	−31 19.5	2.499	3.370	10.0	22.7
5 11	16 45.91	−31 18.5	2.424	3.366	7.3	22.5
5 21	16 37.63	−31 7.9	2.374	3.362	4.5	22.3
5 31	16 28.55	−30 47.3	2.352	3.357	2.7	22.2
6 10	16 19.54	−30 18.0	2.359	3.353	4.2	22.3
6 20	16 11.44	−29 42.6	2.393	3.347	7.1	22.4
6 30	16 4.93	−29 4.5	2.453	3.342	9.9	22.6

428635 2008 FT_{99} 5 30.2 240°.11 4°.3/29.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 57.15	−11 57.5	1.771	2.587	15.7	21.2
5 1	16 53.14	−11 32.6	1.684	2.581	12.6	20.9
5 11	16 46.60	−11 10.6	1.619	2.575	9.1	20.7
5 21	16 38.09	−10 54.2	1.577	2.569	5.7	20.5
5 31	16 28.51	−10 45.9	1.561	2.563	4.4	20.4
6 10	16 18.98	−10 48.0	1.571	2.557	7.0	20.5
6 20	16 10.54	−11 1.4	1.607	2.550	10.7	20.7
6 30	16 4.08	−11 26.3	1.665	2.543	14.3	20.9

275564 1999 RA_{238} 5 30.2 226°.42 5°.8/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.81	− 4 50.7	2.524	3.312	12.4	21.3
5 1	16 51.25	− 4 6.1	2.428	3.299	10.2	21.1
5 11	16 44.87	− 3 26.5	2.354	3.286	8.0	20.9
5 21	16 37.11	− 2 55.2	2.305	3.273	6.2	20.8
5 31	16 28.60	− 2 35.3	2.284	3.258	5.9	20.7
6 10	16 20.09	− 2 28.9	2.291	3.243	7.4	20.8
6 20	16 12.29	− 2 36.8	2.324	3.228	9.7	20.9
6 30	16 5.85	− 2 58.7	2.380	3.211	12.1	21.0

417817 2007 FX_{2} 5 30.3 121°.56 4°.8/29.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 59.82	− 7 56.2	2.063	2.859	14.5	20.8
5 1	16 54.57	− 7 42.0	1.992	2.875	11.7	20.6
5 11	16 47.17	− 7 34.2	1.944	2.890	8.6	20.4
5 21	16 38.21	− 7 34.8	1.921	2.904	5.8	20.3
5 31	16 28.52	− 7 45.5	1.925	2.918	4.9	20.3
6 10	16 19.06	− 8 7.1	1.956	2.932	6.7	20.4
6 20	16 10.68	− 8 39.2	2.015	2.945	9.6	20.6
6 30	16 4.06	− 9 20.7	2.097	2.957	12.5	20.8

440409 2005 QZ_{4} 5 30.3 229°.27 20°.4/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	17 0.81	+16 23.8	1.250	2.014	23.7	20.9
5 1	16 57.00	+18 37.7	1.195	2.007	22.2	20.8
5 11	16 49.76	+20 24.1	1.155	2.000	21.0	20.6
5 21	16 39.80	+21 29.9	1.131	1.993	20.4	20.6
5 31	16 28.38	+21 44.5	1.124	1.985	20.7	20.6
6 10	16 17.11	+21 4.0	1.132	1.976	21.8	20.6
6 20	16 7.46	+19 31.9	1.156	1.967	23.4	20.7
6 30	16 0.58	+17 17.0	1.194	1.957	25.4	20.8

192272 1132 $T\text{-}_{2}$ 5 30.3 219°.70 0°.8/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 57.08	−20 43.7	2.341	3.140	12.9	21.3
5 1	16 52.53	−20 26.2	2.241	3.131	10.2	21.1
5 11	16 45.89	−20 5.0	2.164	3.122	7.0	20.9
5 21	16 37.66	−19 40.9	2.112	3.113	3.5	20.6
5 31	16 28.56	−19 14.9	2.089	3.102	0.9	20.4
6 10	16 19.50	−18 49.2	2.095	3.092	4.3	20.6
6 20	16 11.31	−18 26.1	2.128	3.081	7.9	20.8
6 30	16 4.72	−18 7.9	2.186	3.069	11.2	21.0

292045 2006 QY_{184} 5 30.3 139°.44 0°.1/30.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.82	−22 45.1	2.399	3.197	12.6	21.4
5 1	16 51.41	−22 41.5	2.314	3.203	10.0	21.2
5 11	16 45.01	−22 34.0	2.251	3.209	6.8	21.0
5 21	16 37.17	−22 22.8	2.214	3.214	3.4	20.8
5 31	16 28.61	−22 8.3	2.206	3.219	0.3	20.5
6 10	16 20.17	−21 52.2	2.225	3.224	3.9	20.8
6 20	16 12.65	−21 36.2	2.272	3.229	7.3	21.1
6 30	16 6.68	−21 22.8	2.345	3.233	10.3	21.3

42128 2001 BV_{15} 5 30.3 238°.76 6°.2/27.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.81	− 4 49.8	2.235	3.029	13.6	19.0
5 1	16 51.52	− 4 9.1	2.141	3.018	11.2	18.8
5 11	16 45.20	− 3 34.5	2.069	3.005	8.7	18.7
5 21	16 37.32	− 3 9.5	2.023	2.992	6.7	18.5
5 31	16 28.59	− 2 57.4	2.002	2.979	6.4	18.5
6 10	16 19.86	− 3 0.3	2.009	2.966	8.0	18.5
6 20	16 11.94	− 3 18.7	2.040	2.952	10.5	18.7
6 30	16 5.55	− 3 52.0	2.095	2.937	13.2	18.8

290243 2005 SD_{95} 5 30.3 110°.56 5°.6/ 2.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 58.61	−40 29.1	2.374	3.124	14.1	20.4
5 1	16 54.06	−40 40.4	2.283	3.125	11.9	20.2
5 11	16 47.06	−40 37.5	2.213	3.125	9.5	20.0
5 21	16 38.23	−40 17.6	2.166	3.126	7.1	19.9
5 31	16 28.52	−39 39.3	2.146	3.127	5.7	19.8
6 10	16 19.03	−38 44.4	2.152	3.127	6.2	19.8
6 20	16 10.75	−37 36.8	2.185	3.128	8.3	20.0
6 30	16 4.48	−36 22.3	2.243	3.128	10.8	20.1

100545 1997 ED_{30} 5 30.3 279°.31 7°.8/ 1.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 2.82	−40 25.7	2.072	2.825	15.8	19.6
5 1	16 58.49	−41 30.6	1.960	2.800	13.6	19.4
5 11	16 50.91	−42 24.9	1.867	2.774	11.2	19.2
5 21	16 40.52	−43 2.5	1.797	2.748	9.0	19.0
5 31	16 28.31	−43 18.2	1.752	2.721	7.8	18.8
6 10	16 15.71	−43 9.6	1.732	2.694	8.6	18.8
6 20	16 4.24	−42 38.8	1.738	2.667	10.9	18.9
6 30	15 55.24	−41 51.6	1.766	2.640	13.8	19.0

258171 2001 SX_{132} 5 30.3 99°.14 0°.6/30.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 57.84	−21 54.2	1.737	2.552	16.0	19.9
5 1	16 53.69	−21 35.2	1.661	2.560	12.7	19.7
5 11	16 46.91	−21 11.2	1.606	2.568	8.7	19.5
5 21	16 38.19	−20 42.8	1.575	2.576	4.3	19.2
5 31	16 28.53	−20 11.6	1.571	2.584	0.8	19.0
6 10	16 19.11	−19 40.8	1.593	2.592	5.1	19.3
6 20	16 11.01	−19 13.3	1.641	2.600	9.3	19.6
6 30	16 5.03	−18 52.5	1.712	2.607	13.1	19.8

152913 2000 DX_{100} 5 30.3 220°.34 1°.8/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 2.79	−25 31.6	1.660	2.466	17.1	20.1
5 1	16 58.21	−25 51.4	1.567	2.459	13.7	19.8
5 11	16 50.48	−26 5.9	1.494	2.450	9.7	19.6
5 21	16 40.16	−26 12.7	1.444	2.442	5.2	19.3
5 31	16 28.35	−26 10.2	1.420	2.432	1.8	19.0
6 10	16 16.48	−25 59.4	1.423	2.422	5.5	19.2
6 20	16 5.95	−25 43.0	1.451	2.412	10.2	19.5
6 30	15 57.91	−25 25.6	1.503	2.400	14.4	19.7

260686 2005 JW_{77} 5 30.3 356°.83 1°.6/30.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.10	−22 9.5	1.105	1.960	20.7	20.2
5 1	16 51.69	−22 54.8	1.034	1.955	16.5	19.9
5 11	16 46.60	−23 39.3	0.980	1.951	11.6	19.6
5 21	16 38.43	−24 20.6	0.946	1.948	6.0	19.3
5 31	16 28.50	−24 55.9	0.934	1.947	1.6	19.0
6 10	16 18.59	−25 24.2	0.945	1.948	6.6	19.3
6 20	16 10.42	−25 46.4	0.977	1.950	12.2	19.6
6 30	16 5.33	−26 5.8	1.028	1.953	17.1	19.9

445349 2010 MU_{107} 5 30.3 316.°90 1.°7/30.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 53.71	−26 25.2	1.969	2.779	14.6	21.4
5 1	16 50.57	−26 34.9	1.866	2.761	11.7	21.2
5 11	16 44.95	−26 38.4	1.785	2.743	8.3	20.9
5 21	16 37.35	−26 34.6	1.728	2.725	4.5	20.7
5 31	16 28.59	−26 23.0	1.696	2.708	1.7	20.4
6 10	16 19.76	−26 4.9	1.691	2.691	4.7	20.6
6 20	16 11.91	−25 42.8	1.712	2.675	8.7	20.8
6 30	16 5.96	−25 20.2	1.757	2.659	12.4	21.0

507660 2013 QH_{83} 5 30.3 277.°92 3.°2/28.8 17

4 21	16 57.03	−18 15.7	1.741	2.560	15.9	22.0
5 1	16 53.40	−17 16.5	1.633	2.534	12.7	21.7
5 11	16 47.03	−16 10.1	1.545	2.507	8.9	21.4
5 21	16 38.44	−14 59.1	1.482	2.480	5.0	21.1
5 31	16 28.51	−13 47.9	1.445	2.453	3.4	21.0
6 10	16 18.43	−12 41.8	1.435	2.425	6.9	21.1
6 20	16 9.39	−11 46.3	1.450	2.397	11.4	21.3
6 30	16 2.42	−11 5.4	1.487	2.368	15.5	21.5

224087 2005 NR_{86} 5 30.3 313.°20 6.°0/27.5 17

4 21	16 51.77	−14 17.7	1.389	2.233	17.8	20.2
5 1	16 49.79	−12 54.1	1.294	2.208	14.4	19.9
5 11	16 44.84	−11 24.1	1.218	2.183	10.5	19.6
5 21	16 37.44	− 9 53.4	1.165	2.159	7.0	19.3
5 31	16 28.59	− 8 29.7	1.136	2.135	6.3	19.2
6 10	16 19.61	− 7 20.7	1.130	2.112	9.6	19.3
6 20	16 11.85	− 6 32.5	1.146	2.089	14.1	19.5
6 30	16 6.42	− 6 8.3	1.182	2.068	18.4	19.7

43347 2000 SM_{52} 5 30.3 298.°94 6.°5/ 1.6 18

4 21	16 58.37	−37 34.5	1.705	2.491	17.5	18.2
5 1	16 55.19	−38 1.5	1.602	2.469	14.8	17.9
5 11	16 48.68	−38 13.9	1.516	2.448	11.6	17.7
5 21	16 39.39	−38 6.5	1.452	2.426	8.5	17.4
5 31	16 28.42	−37 35.9	1.412	2.404	6.6	17.3
6 10	16 17.34	−36 42.6	1.397	2.383	7.7	17.3
6 20	16 7.67	−35 31.4	1.406	2.361	10.9	17.4
6 30	16 0.68	−34 10.5	1.438	2.340	14.7	17.6

200446 2000 VG_{39} 5 30.3 259.°47 2.°0/30.0 18

4 21	17 5.25	−13 3.6	2.315	3.097	13.5	21.1
5 1	16 59.26	−13 37.2	2.193	3.071	10.9	20.8
5 11	16 50.81	−14 16.7	2.094	3.044	7.7	20.6
5 21	16 40.27	−15 2.1	2.021	3.017	4.2	20.3
5 31	16 28.37	−15 52.5	1.979	2.989	2.1	20.1
6 10	16 16.11	−16 46.9	1.968	2.960	5.0	20.2
6 20	16 4.51	−17 44.0	1.986	2.931	8.9	20.4
6 30	15 54.55	−18 43.3	2.031	2.901	12.5	20.6

140114 2001 SO_{137} 5 30.3 280.°48 0.°6/30.5 17

4 21	16 55.20	−24 15.7	2.135	2.940	13.8	20.5
5 1	16 51.40	−24 13.4	2.036	2.929	11.0	20.3
5 11	16 45.32	−24 5.9	1.958	2.917	7.6	20.0
5 21	16 37.45	−23 52.8	1.905	2.905	3.9	19.8
5 31	16 28.61	−23 34.6	1.879	2.893	0.7	19.5
6 10	16 19.76	−23 12.8	1.881	2.881	4.3	19.8
6 20	16 11.85	−22 49.9	1.909	2.869	8.2	20.0
6 30	16 5.69	−22 29.1	1.962	2.857	11.7	20.2

79066 3172 $T\text{-}_3$ 5 30.3 237.°69 0.°3/30.4 18

4 21	16 59.84	−23 29.4	1.906	2.710	15.2	21.3
5 1	16 55.39	−23 24.8	1.805	2.697	12.2	21.1
5 11	16 48.27	−23 14.8	1.725	2.683	8.5	20.8
5 21	16 39.00	−22 58.9	1.669	2.669	4.3	20.5
5 31	16 28.49	−22 37.5	1.640	2.654	0.4	20.2
6 10	16 17.94	−22 12.4	1.639	2.639	4.9	20.5
6 20	16 8.47	−21 46.6	1.665	2.623	9.3	20.7
6 30	16 1.06	−21 24.0	1.714	2.606	13.2	20.9

509087 2005 UQ_{185} 5 30.3 182.°06 0.°3/30.4 18

4 21	16 55.04	−22 42.9	2.728	3.521	11.4	22.3
5 1	16 50.62	−22 50.3	2.635	3.521	9.0	22.1
5 11	16 44.42	−22 54.8	2.565	3.521	6.2	22.0
5 21	16 36.89	−22 56.1	2.522	3.521	3.1	21.8
5 31	16 28.67	−22 54.4	2.507	3.521	0.4	21.5
6 10	16 20.51	−22 50.5	2.521	3.520	3.5	21.8
6 20	16 13.10	−22 45.7	2.564	3.519	6.6	22.0
6 30	16 7.05	−22 41.7	2.632	3.518	9.4	22.2

433545 2013 WW_{106} 5 30.3 192.°98 2.°1/29.7 18

4 21	16 58.88	−15 22.0	2.286	3.084	13.2	21.8
5 1	16 53.91	−15 21.7	2.194	3.082	10.5	21.6
5 11	16 46.83	−15 22.5	2.124	3.080	7.3	21.4
5 21	16 38.14	−15 25.4	2.080	3.077	3.9	21.2
5 31	16 28.58	−15 30.9	2.064	3.074	2.1	21.1
6 10	16 19.05	−15 40.1	2.077	3.070	4.8	21.2
6 20	16 10.41	−15 53.6	2.118	3.065	8.3	21.4
6 30	16 3.39	−16 12.3	2.183	3.060	11.4	21.6

280283 2003 FG_{45} 5 30.3 67.°10 10.°3/25.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 54.66	− 0 32.2	1.656	2.465	17.0	20.4
5 1	16 51.00	+ 1 11.1	1.599	2.475	14.4	20.2
5 11	16 44.96	+ 2 44.0	1.563	2.485	12.0	20.1
5 21	16 37.20	+ 3 59.0	1.548	2.495	10.5	20.0
5 31	16 28.66	+ 4 49.7	1.558	2.505	10.5	20.0
6 10	16 20.40	+ 5 12.6	1.591	2.516	12.0	20.1
6 20	16 13.36	+ 5 7.7	1.645	2.526	14.3	20.3
6 30	16 8.26	+ 4 37.7	1.719	2.536	16.6	20.5

341248 2007 RQ_{203} 5 30.3 238.°26 0.°5/30.1 17

4 21	16 56.34	−21 17.0	2.424	3.222	12.5	22.2
5 1	16 51.94	−21 5.5	2.319	3.209	9.9	22.0
5 11	16 45.51	−20 50.5	2.238	3.196	6.9	21.8
5 21	16 37.50	−20 32.3	2.182	3.182	3.4	21.5
5 31	16 28.63	−20 11.9	2.154	3.167	0.6	21.3
6 10	16 19.75	−19 50.8	2.155	3.153	4.1	21.5
6 20	16 11.67	−19 31.3	2.183	3.137	7.7	21.7
6 30	16 5.12	−19 15.6	2.237	3.122	10.9	21.9

372376 2009 OC_{25} 5 30.3 311.°55 8.°7/31.2 16

4 21	16 58.25	−35 26.5	1.396	2.204	19.6	20.5
5 1	16 56.23	−36 51.5	1.292	2.173	16.7	20.2
5 11	16 50.26	−38 9.7	1.206	2.143	13.4	19.9
5 21	16 40.61	−39 13.3	1.140	2.114	10.2	19.7
5 31	16 28.33	−39 53.9	1.096	2.084	8.7	19.5
6 10	16 15.28	−40 6.7	1.075	2.055	10.2	19.5
6 20	16 3.58	−39 52.5	1.076	2.027	13.9	19.6
6 30	15 55.14	−39 18.3	1.096	2.000	18.1	19.7

509386 2007 CP_{16} 5 30.3 136.°96 2.°4/31.5 17

4 21	16 56.36	−30 53.4	2.775	3.550	11.7	22.6
5 1	16 51.65	−30 57.0	2.689	3.559	9.4	22.4
5 11	16 45.09	−30 53.0	2.625	3.568	6.8	22.3
5 21	16 37.20	−30 40.4	2.588	3.576	4.1	22.1
5 31	16 28.67	−30 19.0	2.578	3.584	2.4	22.0
6 10	16 20.29	−29 50.2	2.598	3.592	3.8	22.1
6 20	16 12.80	−29 16.6	2.645	3.599	6.5	22.3
6 30	16 6.78	−28 41.1	2.718	3.606	9.1	22.5

354066 2001 TS_{152} 5 30.3 196.°86 0.°5/30.0 18

4 21	16 55.64	−20 6.5	3.196	3.982	10.1	22.4
5 1	16 50.77	−20 4.3	3.095	3.978	7.9	22.2
5 11	16 44.37	−20 0.4	3.018	3.973	5.4	22.0
5 21	16 36.84	−19 54.8	2.969	3.968	2.7	21.8
5 31	16 28.70	−19 48.1	2.949	3.962	0.6	21.6
6 10	16 20.59	−19 41.3	2.959	3.956	3.2	21.9
6 20	16 13.10	−19 35.4	2.999	3.949	6.0	22.0
6 30	16 6.75	−19 31.8	3.065	3.941	8.5	22.2

472641 2015 DN_{211} 5 30.3 167.°58 6.°4/27.4 18

4 21	16 54.57	− 5 29.2	2.195	2.995	13.6	21.1
5 1	16 50.44	− 4 29.2	2.118	2.997	11.2	20.9
5 11	16 44.37	− 3 34.4	2.063	2.999	8.7	20.8
5 21	16 36.88	− 2 49.0	2.032	3.001	6.8	20.6
5 31	16 28.70	− 2 16.6	2.028	3.002	6.5	20.6
6 10	16 20.65	− 2 0.0	2.051	3.004	8.1	20.7
6 20	16 13.49	− 1 59.9	2.098	3.005	10.5	20.9
6 30	16 7.87	− 2 15.9	2.168	3.005	13.0	21.0

471861 2013 AP_{11} 5 30.3 104.°55 1.°5/29.9 17

4 21	16 56.17	−16 24.2	2.285	3.089	13.0	21.0
5 1	16 51.77	−16 33.6	2.200	3.093	10.3	20.8
5 11	16 45.34	−16 44.3	2.138	3.096	7.1	20.6
5 21	16 37.40	−16 56.3	2.101	3.100	3.7	20.4
5 31	16 28.66	−17 10.2	2.092	3.103	1.6	20.3
6 10	16 20.00	−17 26.4	2.111	3.107	4.4	20.5
6 20	16 12.22	−17 45.3	2.157	3.110	7.8	20.7
6 30	16 6.02	−18 7.8	2.229	3.113	10.9	20.9

474100 2016 LX_7 5 30.3 276.°79 7.°7/27.9 18

4 21	16 56.74	− 3 21.5	1.842	2.645	15.7	21.5
5 1	16 52.85	− 2 40.6	1.745	2.624	13.2	21.3
5 11	16 46.49	− 2 8.1	1.667	2.603	10.5	21.1
5 21	16 38.13	− 1 48.6	1.613	2.582	8.3	20.9
5 31	16 28.59	− 1 46.6	1.584	2.560	7.8	20.8
6 10	16 18.93	− 2 4.5	1.581	2.538	9.6	20.8
6 20	16 10.18	− 2 42.5	1.601	2.516	12.6	21.0
6 30	16 3.27	− 3 39.0	1.643	2.494	15.8	21.1

341321 2007 TK_{14} 5 30.3 299.°02 1.°5/30.8 17

4 21	16 55.37	−26 53.4	1.834	2.645	15.5	21.1
5 1	16 52.08	−26 48.8	1.732	2.627	12.5	20.8
5 11	16 46.10	−26 35.8	1.651	2.609	8.8	20.6
5 21	16 37.98	−26 13.4	1.593	2.591	4.7	20.3
5 31	16 28.61	−25 41.9	1.561	2.573	1.5	20.0
6 10	16 19.18	−25 3.4	1.555	2.555	5.0	20.2
6 20	16 10.86	−24 21.8	1.575	2.538	9.3	20.4
6 30	16 4.62	−23 41.8	1.618	2.521	13.3	20.6

430666 2003 UW_{95} 5 30.3 316°.20 7°.1/26.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 51.01	−11 14.4	1.531	2.369	16.8	20.2
5 1	16 48.92	− 9 44.8	1.431	2.338	13.7	19.9
5 11	16 44.11	− 8 11.3	1.351	2.309	10.4	19.6
5 21	16 37.07	− 6 40.1	1.293	2.279	7.6	19.4
5 31	16 28.68	− 5 18.7	1.260	2.250	7.4	19.3
6 10	16 20.11	− 4 14.6	1.250	2.222	10.2	19.4
6 20	16 12.58	− 3 33.2	1.264	2.194	14.1	19.5
6 30	16 7.14	− 3 16.7	1.296	2.167	18.0	19.7

177078 2003 FV_{45} 5 30.3 68°.34 3°.1/31.4 17

4 21	16 57.72	−30 1.4	2.174	2.963	14.1	20.2
5 1	16 53.29	−30 31.0	2.098	2.976	11.3	20.1
5 11	16 46.52	−30 53.1	2.043	2.989	8.2	19.9
5 21	16 38.01	−31 5.6	2.013	3.001	5.0	19.7
5 31	16 28.63	−31 7.5	2.009	3.014	3.1	19.6
6 10	16 19.43	−30 59.5	2.033	3.027	4.8	19.8
6 20	16 11.34	−30 43.8	2.084	3.040	7.9	20.0
6 30	16 5.14	−30 24.2	2.160	3.053	10.8	20.2

338601 2003 SS_{173} 5 30.3 303°.96 3°.3/31.3 16

4 21	16 56.20	−29 56.8	1.756	2.563	16.2	20.8
5 1	16 53.01	−30 13.6	1.656	2.546	13.2	20.6
5 11	16 46.91	−30 21.3	1.577	2.529	9.7	20.3
5 21	16 38.44	−30 17.3	1.520	2.512	5.8	20.1
5 31	16 28.59	−30 0.2	1.488	2.496	3.3	19.9
6 10	16 18.65	−29 31.2	1.482	2.480	5.6	20.0
6 20	16 9.90	−28 53.9	1.501	2.464	9.7	20.2
6 30	16 3.43	−28 13.4	1.543	2.448	13.7	20.4

296333 2009 EZ_{22} 5 30.3 254°.47 1°.3/30.8 17

4 21	16 56.02	−26 0.6	2.273	3.070	13.3	21.9
5 1	16 51.92	−26 3.8	2.174	3.061	10.6	21.7
5 11	16 45.62	−26 1.3	2.097	3.052	7.5	21.5
5 21	16 37.61	−25 52.1	2.045	3.043	4.0	21.2
5 31	16 28.67	−25 36.4	2.020	3.033	1.3	21.0
6 10	16 19.75	−25 15.5	2.024	3.023	4.2	21.2
6 20	16 11.74	−24 51.8	2.054	3.013	7.7	21.4
6 30	16 5.42	−24 28.4	2.110	3.003	11.0	21.6

88497 2001 QA_{138} 5 30.3 188°.27 0°.4/30.1 18

4 21	16 54.98	−22 44.2	2.403	3.203	12.6	19.3
5 1	16 50.77	−22 17.2	2.312	3.203	9.9	19.1
5 11	16 44.62	−21 44.8	2.244	3.202	6.8	18.9
5 21	16 37.03	−21 8.1	2.201	3.201	3.3	18.7
5 31	16 28.73	−20 28.5	2.187	3.200	0.5	18.4
6 10	16 20.56	−19 48.6	2.201	3.199	4.0	18.7
6 20	16 13.27	−19 11.1	2.243	3.198	7.4	18.9
6 30	16 7.53	−18 38.8	2.310	3.196	10.5	19.1

47141 1999 HB_{3} 5 30.3 310°.14 6°.5/26.6 18

4 21	16 58.11	−21 54.1	0.997	1.852	22.4	17.3
5 1	16 55.66	−19 6.9	0.923	1.845	17.8	17.0
5 11	16 49.21	−15 53.1	0.867	1.839	12.5	16.7
5 21	16 39.65	−12 23.3	0.834	1.833	7.6	16.4
5 31	16 28.53	− 8 55.1	0.825	1.827	7.2	16.3
6 10	16 17.81	− 5 49.0	0.839	1.821	11.9	16.5
6 20	16 9.16	− 3 20.8	0.875	1.816	17.5	16.8
6 30	16 3.77	− 1 37.2	0.929	1.811	22.4	17.1

74804 1999 SZ_{26} 5 30.3 114°.62 2°.9/29.2 17

4 21	16 58.05	−17 28.2	1.646	2.467	16.5	20.0
5 1	16 53.91	−16 45.5	1.573	2.475	13.1	19.8
5 11	16 47.12	−16 0.1	1.520	2.482	9.1	19.6
5 21	16 38.35	−15 14.4	1.491	2.490	4.9	19.4
5 31	16 28.64	−14 32.0	1.488	2.497	3.0	19.3
6 10	16 19.19	−13 56.6	1.512	2.504	6.3	19.5
6 20	16 11.08	−13 31.2	1.560	2.511	10.4	19.7
6 30	16 5.13	−13 17.9	1.631	2.517	14.1	20.0

369452 2010 LG_{14} 5 30.3 69°.75 24°.2/11.8 18

4 21	23 34.18	−51 52.2	0.537	0.970	77.9	19.2
5 1	22 58.40	−59 55.4	0.498	1.096	66.5	18.9
5 11	21 41.65	−68 14.7	0.464	1.208	54.2	18.6
5 21	18 54.37	−71 54.8	0.450	1.308	40.9	18.4
5 31	16 21.97	−64 27.2	0.470	1.397	29.4	18.3
6 10	15 20.35	−52 45.3	0.531	1.475	24.3	18.5
6 20	14 57.71	−42 34.8	0.627	1.544	25.7	19.0
6 30	14 50.80	−35 4.0	0.750	1.605	29.1	19.6

310984 2003 UH_{349} 5 30.3 83°.55 1°.2/29.9 17

4 21	17 0.56	−19 27.5	1.511	2.332	17.7	21.4
5 1	16 56.09	−19 21.4	1.447	2.349	14.0	21.2
5 11	16 48.69	−19 13.2	1.403	2.366	9.6	20.9
5 21	16 39.13	−19 3.2	1.382	2.383	4.7	20.7
5 31	16 28.58	−18 52.8	1.387	2.400	1.3	20.5
6 10	16 18.40	−18 44.0	1.418	2.417	5.6	20.8
6 20	16 9.77	−18 39.0	1.474	2.433	10.2	21.1
6 30	16 3.58	−18 40.2	1.552	2.449	14.1	21.4

325073 2008 DV_{1} 5 30.3 142°.29 0°.8/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	17 0.14	−20 47.2	1.842	2.650	15.5	22.0
5 1	16 55.36	−20 33.3	1.764	2.659	12.3	21.8
5 11	16 48.03	−20 15.6	1.707	2.667	8.4	21.6
5 21	16 38.78	−19 54.8	1.674	2.675	4.2	21.3
5 31	16 28.61	−19 32.1	1.669	2.682	1.0	21.1
6 10	16 18.65	−19 9.9	1.691	2.689	5.0	21.4
6 20	16 9.95	−18 50.8	1.739	2.695	9.1	21.7
6 30	16 3.33	−18 37.6	1.812	2.701	12.8	21.9

498304 2007 VH_{109} 5 30.3 108°.83 1°.7/30.7 17

4 21	17 0.19	−25 2.7	2.364	3.152	13.1	22.0
5 1	16 54.96	−25 41.3	2.284	3.165	10.4	21.9
5 11	16 47.55	−26 16.5	2.228	3.179	7.3	21.7
5 21	16 38.51	−26 46.5	2.197	3.192	4.0	21.5
5 31	16 28.64	−27 9.9	2.194	3.205	1.7	21.3
6 10	16 18.87	−27 26.6	2.221	3.218	4.1	21.5
6 20	16 10.09	−27 37.6	2.276	3.231	7.3	21.8
6 30	16 3.03	−27 45.2	2.356	3.243	10.3	22.0

350807 2002 CD_{230} 5 30.3 102°.71 0°.7/29.9 17

4 21	16 54.76	−20 24.3	2.469	3.270	12.3	21.9
5 1	16 50.46	−20 12.6	2.390	3.282	9.6	21.7
5 11	16 44.32	−19 58.4	2.334	3.293	6.6	21.5
5 21	16 36.87	−19 42.1	2.304	3.304	3.2	21.3
5 31	16 28.78	−19 25.0	2.301	3.315	0.8	21.1
6 10	16 20.87	−19 8.5	2.328	3.325	3.9	21.4
6 20	16 13.82	−18 54.5	2.381	3.336	7.1	21.6
6 30	16 8.25	−18 44.6	2.461	3.346	10.0	21.8

478008 2011 SN_{164} 5 30.3 112°.51 3°.7/28.4 17

4 21	16 53.30	−12 35.7	2.353	3.160	12.6	21.6
5 1	16 49.34	−11 49.2	2.274	3.166	10.0	21.4
5 11	16 43.58	−11 3.5	2.217	3.171	7.2	21.3
5 21	16 36.51	−10 21.3	2.186	3.176	4.6	21.1
5 31	16 28.81	− 9 45.5	2.183	3.181	3.9	21.1
6 10	16 21.27	− 9 18.5	2.207	3.186	5.8	21.2
6 20	16 14.57	− 9 1.9	2.258	3.191	8.6	21.4
6 30	16 9.31	− 8 56.7	2.333	3.196	11.3	21.6

437614 2014 BX_{14} 5 30.3 139°.83 2°.5/29.5 17

4 21	16 58.17	−13 33.8	2.407	3.203	12.7	21.5
5 1	16 53.12	−13 32.2	2.327	3.213	10.0	21.3
5 11	16 46.15	−13 32.9	2.269	3.223	7.0	21.1
5 21	16 37.78	−13 36.6	2.238	3.233	4.0	21.0
5 31	16 28.72	−13 44.4	2.235	3.242	2.6	20.9
6 10	16 19.79	−13 57.0	2.261	3.251	4.8	21.0
6 20	16 11.75	−14 14.7	2.315	3.259	7.9	21.2
6 30	16 5.23	−14 37.9	2.394	3.267	10.7	21.4

207661 2007 PR_{5} 5 30.3 245°.13 5°.4/28.1 18

4 21	16 55.68	− 6 48.3	2.358	3.153	12.9	20.9
5 1	16 51.37	− 6 11.1	2.258	3.137	10.6	20.7
5 11	16 45.12	− 5 38.3	2.181	3.121	8.1	20.5
5 21	16 37.36	− 5 13.1	2.129	3.105	6.0	20.4
5 31	16 28.75	− 4 58.3	2.104	3.088	5.5	20.3
6 10	16 20.11	− 4 56.2	2.107	3.071	7.2	20.4
6 20	16 12.21	− 5 7.6	2.135	3.053	9.8	20.5
6 30	16 5.76	− 5 32.2	2.188	3.035	12.5	20.7

12542 Laver 5 30.3 297°.86 1°.5/30.8 18

4 21	16 54.87	−25 49.2	2.255	3.056	13.3	18.7
5 1	16 51.13	−26 4.0	2.153	3.041	10.6	18.5
5 11	16 45.16	−26 14.0	2.072	3.027	7.5	18.2
5 21	16 37.45	−26 18.2	2.016	3.013	4.0	18.0
5 31	16 28.74	−26 15.9	1.987	2.999	1.5	17.8
6 10	16 19.97	−26 8.1	1.986	2.986	4.2	17.9
6 20	16 12.06	−25 56.5	2.012	2.972	7.8	18.1
6 30	16 5.83	−25 43.9	2.062	2.958	11.2	18.3

110404 2001 TR_{13} 5 30.3 184°.63 6°.9/26.9 18

4 21	16 56.41	− 3 5.5	2.349	3.136	13.2	19.4
5 1	16 51.77	− 2 0.7	2.269	3.136	11.0	19.2
5 11	16 45.25	− 1 1.8	2.211	3.136	8.8	19.1
5 21	16 37.35	− 0 13.3	2.178	3.135	7.2	19.0
5 31	16 28.76	+ 0 21.1	2.172	3.134	7.0	19.0
6 10	16 20.28	+ 0 38.6	2.192	3.131	8.5	19.1
6 20	16 12.64	+ 0 38.7	2.238	3.128	10.6	19.2
6 30	16 6.47	+ 0 21.9	2.307	3.125	12.9	19.3

34418 2000 SO_{3} 5 30.3 260°.78 0°.7/30.2 18

4 21	17 0.49	−19 30.2	1.625	2.442	16.9	18.8
5 1	16 56.47	−19 42.4	1.526	2.425	13.6	18.5
5 11	16 49.39	−19 54.2	1.447	2.409	9.5	18.2
5 21	16 39.76	−20 5.1	1.391	2.392	4.7	17.9
5 31	16 28.55	−20 14.9	1.361	2.374	0.8	17.6
6 10	16 17.13	−20 24.2	1.357	2.356	5.7	17.9
6 20	16 6.86	−20 34.5	1.378	2.338	10.7	18.1
6 30	15 58.93	−20 47.9	1.422	2.320	15.1	18.3

90887 1997 AH_2 5 30.3 147°.13 1°.2/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 59.16	−26 13.2	2.278	3.068	13.5	20.7
5 1	16 54.19	−26 13.2	2.194	3.077	10.7	20.5
5 11	16 47.03	−26 7.0	2.133	3.086	7.5	20.3
5 21	16 38.26	−25 53.8	2.097	3.094	3.9	20.1
5 31	16 28.69	−25 34.0	2.089	3.101	1.2	19.9
6 10	16 19.30	−25 9.2	2.109	3.108	4.1	20.2
6 20	16 10.96	−24 42.0	2.157	3.114	7.6	20.4
6 30	16 4.38	−24 15.7	2.230	3.120	10.7	20.6

284567 2007 TH_{52} 5 30.3 221°.94 0°.6/30.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 56.37	−24 14.4	2.240	3.040	13.4	21.3
5 1	16 52.15	−24 12.3	2.146	3.035	10.6	21.1
5 11	16 45.75	−24 5.2	2.074	3.031	7.4	20.9
5 21	16 37.68	−23 52.8	2.027	3.026	3.7	20.7
5 31	16 28.73	−23 35.5	2.008	3.021	0.6	20.4
6 10	16 19.84	−23 14.8	2.017	3.016	4.1	20.7
6 20	16 11.89	−22 53.1	2.053	3.011	7.8	20.9
6 30	16 5.63	−22 33.3	2.113	3.006	11.1	21.1

134429 1998 RT_5 5 30.3 276°.56 1°.1/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.69	−18 22.8	3.385	4.180	9.4	20.5
5 1	16 46.93	−18 8.8	3.271	4.159	7.4	20.3
5 11	16 41.80	−17 53.4	3.181	4.138	5.1	20.1
5 21	16 35.64	−17 37.3	3.117	4.116	2.6	19.9
5 31	16 28.90	−17 21.4	3.083	4.095	1.1	19.8
6 10	16 22.13	−17 7.0	3.079	4.073	3.3	19.9
6 20	16 15.85	−16 55.3	3.102	4.051	5.9	20.1
6 30	16 10.56	−16 47.6	3.152	4.029	8.3	20.2

429282 2010 CR_{139} 5 30.3 272°.49 10°.0/ 2.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 4.26	−46 39.1	1.999	2.728	17.0	20.6
5 1	16 59.92	−47 51.4	1.909	2.720	15.1	20.4
5 11	16 52.00	−48 48.1	1.837	2.713	12.9	20.2
5 21	16 41.10	−49 22.0	1.786	2.705	11.0	20.1
5 31	16 28.45	−49 27.6	1.758	2.698	10.0	20.0
6 10	16 15.75	−49 3.5	1.754	2.690	10.4	20.0
6 20	16 4.66	−48 13.0	1.773	2.683	11.9	20.1
6 30	15 56.48	−47 3.7	1.814	2.675	14.1	20.2

300849 2007 YP_{17} 5 30.3 296°.98 1°.6/31.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.35	−28 30.0	1.980	2.783	14.8	20.3
5 1	16 51.80	−28 9.8	1.879	2.769	11.9	20.1
5 11	16 45.75	−27 39.1	1.799	2.755	8.4	19.9
5 21	16 37.76	−26 57.5	1.744	2.740	4.6	19.6
5 31	16 28.73	−26 5.8	1.714	2.726	1.6	19.4
6 10	16 19.74	−25 7.0	1.712	2.712	4.6	19.5
6 20	16 11.83	−24 5.8	1.736	2.698	8.7	19.7
6 30	16 5.88	−23 7.3	1.785	2.685	12.4	19.9

429145 2009 UV_{57} 5 30.3 161°.33 2°.2/30.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 59.98	−27 21.2	1.977	2.773	15.0	22.4
5 1	16 55.35	−27 41.8	1.892	2.777	12.1	22.2
5 11	16 48.13	−27 56.1	1.827	2.779	8.6	22.0
5 21	16 38.92	−28 2.1	1.787	2.782	4.8	21.8
5 31	16 28.64	−27 58.8	1.774	2.784	2.2	21.6
6 10	16 18.47	−27 47.2	1.788	2.786	4.8	21.8
6 20	16 9.47	−27 29.8	1.829	2.788	8.6	22.0
6 30	16 2.55	−27 10.4	1.894	2.789	12.0	22.2

246558 2008 SR_{118} 5 30.3 239°.03 1°.3/29.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 56.55	−19 37.0	2.142	2.949	13.7	21.1
5 1	16 52.36	−19 15.6	2.044	2.938	10.9	20.9
5 11	16 45.94	−18 51.0	1.968	2.927	7.5	20.6
5 21	16 37.81	−18 24.1	1.916	2.916	3.8	20.4
5 31	16 28.73	−17 56.4	1.893	2.905	1.4	20.2
6 10	16 19.66	−17 30.4	1.897	2.893	4.8	20.4
6 20	16 11.52	−17 8.4	1.928	2.881	8.6	20.6
6 30	16 5.09	−16 53.0	1.983	2.868	12.0	20.8

142750 2002 TZ_{297} 5 30.3 169°.87 1°.2/30.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 0.63	−26 9.3	2.072	2.866	14.5	21.0
5 1	16 55.62	−26 4.2	1.985	2.870	11.6	20.8
5 11	16 48.17	−25 52.0	1.919	2.874	8.1	20.6
5 21	16 38.88	−25 32.1	1.879	2.876	4.2	20.3
5 31	16 28.66	−25 4.8	1.866	2.878	1.2	20.1
6 10	16 18.60	−24 32.2	1.881	2.880	4.4	20.4
6 20	16 9.69	−23 57.6	1.923	2.881	8.3	20.6
6 30	16 2.75	−23 24.8	1.990	2.881	11.7	20.8

119010 2000 YC_{80} 5 30.3 143°.66 1°.0/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.23	−18 7.4	2.466	3.267	12.3	19.9
5 1	16 50.92	−18 12.9	2.378	3.270	9.7	19.7
5 11	16 44.73	−18 18.1	2.313	3.272	6.6	19.5
5 21	16 37.13	−18 23.3	2.274	3.274	3.3	19.3
5 31	16 28.79	−18 29.0	2.263	3.276	1.1	19.1
6 10	16 20.52	−18 35.8	2.281	3.278	4.0	19.3
6 20	16 13.07	−18 44.6	2.326	3.279	7.3	19.5
6 30	16 7.07	−18 56.5	2.396	3.281	10.2	19.7

17070 1999 GG_{20} 5 30.3 20°.73 4°.3/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 55.74	−11 23.5	1.296	2.136	19.1	17.5
5 1	16 52.78	−11 29.7	1.233	2.144	15.3	17.3
5 11	16 46.73	−11 43.5	1.188	2.152	10.8	17.0
5 21	16 38.32	−12 6.8	1.165	2.161	6.4	16.8
5 31	16 28.70	−12 40.4	1.165	2.172	4.3	16.7
6 10	16 19.33	−13 24.1	1.189	2.183	7.4	16.9
6 20	16 11.49	−14 16.5	1.236	2.195	11.7	17.2
6 30	16 6.17	−15 16.0	1.305	2.208	15.8	17.5

119724 2001 XX_{244} 5 30.3 203°.04 2°.6/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 0.35	−13 21.7	2.014	2.815	14.6	20.0
5 1	16 55.42	−13 32.4	1.923	2.813	11.7	19.8
5 11	16 48.10	−13 47.1	1.854	2.809	8.2	19.6
5 21	16 38.90	−14 6.3	1.810	2.806	4.6	19.3
5 31	16 28.66	−14 30.5	1.793	2.802	2.7	19.2
6 10	16 18.42	−14 59.9	1.805	2.797	5.5	19.4
6 20	16 9.16	−15 34.3	1.844	2.793	9.2	19.6
6 30	16 1.75	−16 13.7	1.907	2.787	12.7	19.8

25162 Beckage 5 30.3 281°.94 0°.6/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 57.87	−20 43.5	1.664	2.483	16.5	19.7
5 1	16 54.36	−20 43.5	1.560	2.461	13.2	19.4
5 11	16 47.93	−20 40.6	1.477	2.439	9.2	19.1
5 21	16 39.04	−20 34.8	1.416	2.417	4.6	18.8
5 31	16 28.64	−20 26.5	1.381	2.395	0.7	18.4
6 10	16 18.01	−20 17.2	1.372	2.372	5.6	18.7
6 20	16 8.47	−20 9.5	1.389	2.350	10.5	18.9
6 30	16 1.16	−20 6.4	1.427	2.327	14.9	19.1

86286 1999 UQ_{43} 5 30.3 201°.73 2°.9/ 1.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 56.58	−33 49.7	2.976	3.739	11.3	20.6
5 1	16 51.83	−33 45.0	2.876	3.735	9.2	20.5
5 11	16 45.26	−33 31.0	2.797	3.731	6.8	20.3
5 21	16 37.36	−33 6.6	2.745	3.727	4.4	20.1
5 31	16 28.80	−32 31.9	2.721	3.722	2.9	20.0
6 10	16 20.36	−31 48.3	2.726	3.717	4.0	20.1
6 20	16 12.74	−30 58.5	2.760	3.712	6.4	20.2
6 30	16 6.55	−30 6.0	2.820	3.706	8.8	20.4

211166 2002 HC_7 5 30.3 65°.77 0°.9/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 0.67	−19 54.4	1.341	2.171	19.1	20.0
5 1	16 56.53	−19 56.0	1.283	2.189	15.1	19.8
5 11	16 49.19	−19 55.4	1.243	2.208	10.3	19.6
5 21	16 39.46	−19 52.6	1.226	2.227	5.1	19.3
5 31	16 28.64	−19 48.4	1.233	2.246	1.0	19.1
6 10	16 18.27	−19 44.7	1.265	2.265	5.9	19.5
6 20	16 9.64	−19 43.8	1.321	2.284	10.7	19.8
6 30	16 3.68	−19 48.2	1.399	2.303	14.9	20.1

430565 2002 PU_{112} 5 30.3 318°.55 6°.1/27.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.17	−11 42.3	1.540	2.376	16.7	20.6
5 1	16 49.15	−10 42.4	1.434	2.342	13.7	20.3
5 11	16 44.39	− 9 41.3	1.348	2.309	10.2	20.0
5 21	16 37.32	− 8 43.5	1.285	2.276	7.0	19.7
5 31	16 28.78	− 7 55.0	1.246	2.243	6.3	19.6
6 10	16 19.99	− 7 21.2	1.230	2.211	9.1	19.7
6 20	16 12.16	− 7 6.2	1.237	2.179	13.3	19.8
6 30	16 6.41	− 7 11.8	1.264	2.149	17.5	20.0

405010 2000 WL_{13} 5 30.3 188°.54 0°.5/30.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 7.01	−17 34.3	2.111	2.897	14.6	21.6
5 1	17 0.70	−18 15.7	2.015	2.896	11.6	21.3
5 11	16 51.78	−18 59.7	1.941	2.895	8.0	21.1
5 21	16 40.77	−19 45.0	1.894	2.893	4.0	20.9
5 31	16 28.54	−20 29.7	1.876	2.889	0.6	20.6
6 10	16 16.23	−21 12.5	1.888	2.885	4.7	20.9
6 20	16 4.94	−21 53.2	1.929	2.881	8.7	21.1
6 30	15 55.60	−22 32.3	1.997	2.875	12.3	21.3

130444 2000 QJ_{29} 5 30.3 311°.77 6°.1/31.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 56.23	−31 34.4	1.253	2.081	20.3	19.0
5 1	16 54.59	−32 27.8	1.157	2.057	16.9	18.7
5 11	16 49.05	−33 12.7	1.079	2.033	12.8	18.4
5 21	16 39.99	−33 43.2	1.021	2.010	8.6	18.0
5 31	16 28.57	−33 53.6	0.984	1.987	6.1	17.8
6 10	16 16.69	−33 42.1	0.970	1.965	8.4	17.9
6 20	16 6.36	−33 12.0	0.977	1.943	13.1	18.1
6 30	15 59.30	−32 30.9	1.004	1.923	18.0	18.3

435235 2007 RR_{319} 5 30.3 235°.89 3°.1/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.81	−14 44.3	2.208	3.016	13.3	21.8
5 1	16 50.82	−14 9.3	2.116	3.010	10.6	21.6
5 11	16 44.79	−13 33.8	2.046	3.003	7.5	21.4
5 21	16 37.22	−13 0.1	2.001	2.996	4.4	21.2
5 31	16 28.83	−12 30.5	1.984	2.988	3.2	21.1
6 10	16 20.49	−12 7.7	1.994	2.981	5.6	21.2
6 20	16 13.03	−11 53.5	2.031	2.973	8.9	21.4
6 30	16 7.14	−11 49.4	2.092	2.965	12.0	21.6

358824 2008 EQ_{152} 5 30.3 168°.94 4°.7/28.0 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 52.77	− 7 58.7	2.551	3.351	12.0	21.3
5 1	16 48.81	− 7 16.1	2.469	3.352	9.7	21.1
5 11	16 43.18	− 6 37.2	2.410	3.353	7.3	21.0
5 21	16 36.34	− 6 4.7	2.376	3.354	5.3	20.8
5 31	16 28.90	− 5 41.2	2.370	3.355	4.8	20.8
6 10	16 21.55	− 5 28.8	2.391	3.356	6.4	20.9
6 20	16 14.95	− 5 28.3	2.438	3.356	8.7	21.1
6 30	16 9.66	− 5 39.7	2.509	3.357	11.1	21.2

185722 1998 SF_{93} 5 30.3 249°.84 2°.4/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 57.51	−17 53.6	1.815	2.630	15.5	21.1
5 1	16 53.56	−17 22.9	1.719	2.618	12.3	20.9
5 11	16 47.03	−16 49.1	1.644	2.606	8.6	20.6
5 21	16 38.45	−16 14.1	1.594	2.593	4.6	20.4
5 31	16 28.73	−15 40.2	1.569	2.579	2.5	20.2
6 10	16 19.00	−15 10.8	1.572	2.566	5.9	20.4
6 20	16 10.34	−14 48.7	1.600	2.552	10.1	20.6
6 30	16 3.68	−14 36.4	1.651	2.538	14.0	20.8

178168 2006 UZ_{46} 5 30.3 100°.99 0°.8/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.11	−20 3.4	2.369	3.172	12.7	20.9
5 1	16 50.84	−19 52.9	2.289	3.182	9.9	20.8
5 11	16 44.66	−19 40.0	2.232	3.192	6.8	20.6
5 21	16 37.09	−19 25.4	2.201	3.201	3.4	20.4
5 31	16 28.85	−19 10.0	2.198	3.211	0.9	20.2
6 10	16 20.77	−18 55.6	2.223	3.221	4.1	20.4
6 20	16 13.60	−18 43.7	2.276	3.230	7.4	20.7
6 30	16 7.95	−18 36.2	2.353	3.239	10.3	20.9

465867 2010 SS_{15} 5 30.3 291°.28 1°.6/29.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 56.86	−19 47.3	1.485	2.315	17.6	21.7
5 1	16 53.96	−19 28.4	1.381	2.288	14.2	21.4
5 11	16 47.90	−19 5.0	1.296	2.262	9.9	21.1
5 21	16 39.14	−18 38.0	1.233	2.235	5.1	20.7
5 31	16 28.67	−18 9.3	1.195	2.207	1.8	20.4
6 10	16 17.89	−17 42.1	1.182	2.180	6.5	20.6
6 20	16 8.27	−17 20.2	1.192	2.153	11.8	20.9
6 30	16 1.08	−17 7.6	1.224	2.126	16.7	21.1

414404 2009 BK_{47} 5 30.3 33°.78 4°.8/31.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 58.10	−31 58.7	1.202	2.030	21.0	20.5
5 1	16 55.43	−32 19.6	1.140	2.039	17.1	20.2
5 11	16 48.96	−32 25.6	1.094	2.049	12.6	20.0
5 21	16 39.53	−32 13.1	1.068	2.060	7.8	19.8
5 31	16 28.66	−31 40.9	1.065	2.071	4.8	19.6
6 10	16 18.23	−30 52.4	1.085	2.083	7.1	19.8
6 20	16 9.85	−29 54.5	1.128	2.096	11.5	20.1
6 30	16 4.63	−28 55.7	1.191	2.109	15.8	20.4

497461 2005 YV_{97} 5 30.3 260°.14 1°.3/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 58.32	−18 13.6	1.957	2.765	14.7	21.5
5 1	16 54.13	−18 16.1	1.854	2.749	11.8	21.3
5 11	16 47.42	−18 18.3	1.773	2.733	8.2	21.0
5 21	16 38.67	−18 20.3	1.716	2.716	4.2	20.7
5 31	16 28.72	−18 22.8	1.686	2.699	1.4	20.5
6 10	16 18.64	−18 26.8	1.684	2.681	5.1	20.7
6 20	16 9.50	−18 33.8	1.708	2.664	9.3	20.9
6 30	16 2.25	−18 45.2	1.756	2.645	13.1	21.1

35735 1999 GP_{11} 5 30.3 291°.77 2°.0/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 57.51	−26 7.3	1.706	2.519	16.4	19.2
5 1	16 54.16	−26 25.4	1.602	2.497	13.3	19.0
5 11	16 47.84	−26 37.9	1.518	2.476	9.5	18.7
5 21	16 39.03	−26 42.7	1.457	2.454	5.2	18.4
5 31	16 28.68	−26 38.4	1.421	2.433	2.0	18.1
6 10	16 18.12	−26 25.9	1.411	2.411	5.4	18.3
6 20	16 8.67	−26 7.6	1.427	2.390	10.1	18.5
6 30	16 1.50	−25 48.0	1.465	2.369	14.3	18.7

338690 2003 TL_{56} 5 30.3 286°.17 1°.8/30.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 58.33	−24 36.7	1.900	2.706	15.2	20.8
5 1	16 54.38	−25 10.6	1.801	2.693	12.2	20.6
5 11	16 47.73	−25 41.7	1.723	2.680	8.6	20.3
5 21	16 38.88	−26 8.0	1.669	2.667	4.7	20.0
5 31	16 28.70	−26 27.8	1.642	2.654	1.8	19.8
6 10	16 18.38	−26 40.6	1.641	2.640	5.0	20.0
6 20	16 9.09	−26 47.8	1.667	2.627	9.1	20.2
6 30	16 1.84	−26 52.1	1.716	2.614	12.9	20.4

140232 2001 SY_{245} 5 30.3 304°.53 0°.7/30.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.13	−21 2.7	2.003	2.817	14.2	20.0
5 1	16 50.68	−20 48.5	1.907	2.806	11.3	19.7
5 11	16 44.92	−20 30.4	1.833	2.795	7.8	19.5
5 21	16 37.37	−20 9.1	1.784	2.785	3.9	19.2
5 31	16 28.83	−19 45.8	1.761	2.774	0.8	19.0
6 10	16 20.31	−19 22.8	1.765	2.764	4.7	19.2
6 20	16 12.76	−19 2.6	1.795	2.754	8.7	19.5
6 30	16 6.99	−18 47.8	1.849	2.744	12.3	19.7

111300 2001 XZ_{56} 5 30.3 234°.12 3°.7/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 57.93	−12 13.3	2.251	3.050	13.3	19.7
5 1	16 53.31	−11 46.9	2.148	3.036	10.7	19.4
5 11	16 46.56	−11 22.1	2.068	3.021	7.7	19.2
5 21	16 38.14	−11 1.0	2.014	3.005	4.8	19.0
5 31	16 28.78	−10 45.9	1.987	2.988	3.8	18.9
6 10	16 19.36	−10 38.7	1.989	2.971	6.0	19.0
6 20	16 10.77	−10 40.9	2.017	2.953	9.3	19.2
6 30	16 3.75	−10 53.2	2.069	2.935	12.4	19.4

265053 2003 RF_{2} 5 30.3 290°.60 3°.5/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 1.04	−25 57.3	1.467	2.284	18.4	20.4
5 1	16 57.69	−26 57.2	1.366	2.264	15.0	20.1
5 11	16 50.79	−27 56.1	1.286	2.243	10.9	19.8
5 21	16 40.73	−28 49.7	1.227	2.222	6.4	19.5
5 31	16 28.55	−29 33.3	1.193	2.202	3.5	19.2
6 10	16 15.89	−30 4.1	1.184	2.181	6.8	19.4
6 20	16 4.47	−30 22.7	1.199	2.161	11.7	19.6
6 30	15 55.84	−30 32.7	1.235	2.140	16.4	19.8

465221 2007 RL_{115} 5 30.3 196°.38 4°.4/31.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 2.67	−32 9.0	1.694	2.487	17.3	21.8
5 1	16 58.20	−32 35.8	1.607	2.486	14.2	21.6
5 11	16 50.52	−32 51.9	1.540	2.484	10.5	21.4
5 21	16 40.27	−32 53.6	1.495	2.482	6.7	21.2
5 31	16 28.63	−32 38.5	1.476	2.479	4.4	21.0
6 10	16 17.07	−32 7.9	1.483	2.476	6.3	21.1
6 20	16 7.01	−31 25.9	1.515	2.473	10.1	21.3
6 30	15 59.54	−30 38.9	1.571	2.469	13.9	21.5

432015 2008 VH_{5} 5 30.3 310°.46 3°.0/31.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 58.97	−27 38.6	1.841	2.644	15.8	20.9
5 1	16 54.96	−28 20.2	1.752	2.640	12.7	20.7
5 11	16 48.14	−28 56.7	1.684	2.636	9.2	20.4
5 21	16 39.07	−29 25.2	1.640	2.633	5.4	20.2
5 31	16 28.72	−29 43.4	1.621	2.629	3.0	20.1
6 10	16 18.34	−29 50.9	1.630	2.626	5.4	20.2
6 20	16 9.15	−29 49.6	1.664	2.623	9.2	20.4
6 30	16 2.14	−29 43.1	1.721	2.620	12.9	20.6

153432 2001 QK_{218} 5 30.3 286°.42 3°.7/29.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.60	−15 10.6	1.651	2.477	16.3	20.5
5 1	16 52.31	−14 34.7	1.558	2.462	13.1	20.3
5 11	16 46.33	−13 57.6	1.485	2.447	9.3	20.0
5 21	16 38.18	−13 22.1	1.435	2.432	5.4	19.8
5 31	16 28.79	−12 51.5	1.411	2.417	3.8	19.6
6 10	16 19.36	−12 29.5	1.412	2.403	6.9	19.8
6 20	16 11.04	−12 18.6	1.438	2.388	11.2	20.0
6 30	16 4.82	−12 20.6	1.485	2.373	15.1	20.2

175887 1999 WL_{8} 5 30.3 184°.91 2°.8/31.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 2.08	−28 13.2	1.853	2.648	15.9	21.0
5 1	16 57.33	−28 42.0	1.765	2.648	12.9	20.8
5 11	16 49.71	−29 4.2	1.698	2.648	9.3	20.6
5 21	16 39.81	−29 16.9	1.655	2.647	5.4	20.3
5 31	16 28.68	−29 18.5	1.638	2.646	2.8	20.2
6 10	16 17.59	−29 9.4	1.648	2.645	5.3	20.3
6 20	16 7.78	−28 52.3	1.685	2.643	9.2	20.6
6 30	16 0.24	−28 31.6	1.745	2.641	12.9	20.8

410408 2007 XP_{56} 5 30.3 141°.10 1°.6/29.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 0.64	−19 17.7	1.961	2.765	14.9	22.6
5 1	16 55.53	−18 52.8	1.885	2.777	11.7	22.4
5 11	16 48.05	−18 24.7	1.830	2.789	8.1	22.2
5 21	16 38.82	−17 54.8	1.800	2.799	4.1	22.0
5 31	16 28.77	−17 24.9	1.798	2.809	1.6	21.8
6 10	16 18.97	−16 57.7	1.824	2.819	5.1	22.1
6 20	16 10.36	−16 35.7	1.876	2.828	8.9	22.3
6 30	16 3.70	−16 21.2	1.953	2.836	12.3	22.6

119703 2001 XG_{158} 5 30.3 139°.96 2°.2/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 59.98	−15 7.2	2.187	2.985	13.7	20.3
5 1	16 54.78	−15 7.7	2.108	2.996	10.9	20.1
5 11	16 47.44	−15 9.7	2.051	3.007	7.5	19.9
5 21	16 38.51	−15 13.9	2.020	3.017	4.1	19.7
5 31	16 28.79	−15 21.0	2.017	3.027	2.2	19.6
6 10	16 19.24	−15 31.8	2.043	3.036	4.9	19.8
6 20	16 10.68	−15 47.1	2.097	3.044	8.3	20.0
6 30	16 3.85	−16 7.3	2.175	3.052	11.4	20.2

356700 2011 UD_{140} 5 30.3 307°.64 0°.4/30.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.05	−24 9.3	2.007	2.819	14.3	21.1
5 1	16 50.71	−23 58.0	1.909	2.805	11.4	20.8
5 11	16 45.00	−23 40.6	1.831	2.791	7.9	20.6
5 21	16 37.45	−23 17.1	1.778	2.778	4.0	20.3
5 31	16 28.88	−22 48.4	1.751	2.765	0.4	20.0
6 10	16 20.31	−22 16.7	1.752	2.752	4.5	20.3
6 20	16 12.71	−21 45.1	1.778	2.739	8.6	20.5
6 30	16 6.94	−21 17.1	1.828	2.727	12.2	20.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
507483 2012 TP_{325}			5 30.3 209°.55		3°.3/31.5 17	
	h m	° ′			°	m
4 21	16 58.33	−30 34.5	2.047	2.838	14.8	21.8
5 1	16 54.11	−30 56.0	1.958	2.837	12.0	21.6
5 11	16 47.34	−31 9.1	1.890	2.836	8.8	21.4
5 21	16 38.60	−31 11.6	1.846	2.835	5.4	21.2
5 31	16 28.79	−31 2.1	1.828	2.834	3.3	21.1
6 10	16 19.07	−30 41.8	1.838	2.833	5.1	21.2
6 20	16 10.48	−30 13.5	1.874	2.831	8.5	21.4
6 30	16 3.91	−29 41.6	1.934	2.830	11.8	21.6
204587 2005 GQ_{67}			5 30.3 229°.87		0°.9/30.6 17	
4 21	16 56.46	−24 36.0	2.076	2.880	14.2	20.7
5 1	16 52.42	−24 40.5	1.987	2.879	11.3	20.5
5 11	16 46.06	−24 39.8	1.921	2.878	7.8	20.3
5 21	16 37.92	−24 33.5	1.879	2.878	4.0	20.0
5 31	16 28.85	−24 21.6	1.864	2.877	0.9	19.8
6 10	16 19.86	−24 5.6	1.876	2.876	4.3	20.0
6 20	16 11.91	−23 47.8	1.915	2.876	8.1	20.3
6 30	16 5.78	−23 31.1	1.979	2.875	11.6	20.5
510373 2011 UP_{12}			5 30.3 203°.57		2°.1/31.2 18	
4 21	16 57.19	−28 28.7	2.760	3.539	11.7	22.2
5 1	16 52.48	−28 48.5	2.661	3.535	9.4	22.0
5 11	16 45.85	−29 2.8	2.585	3.531	6.7	21.8
5 21	16 37.76	−29 10.3	2.535	3.527	3.9	21.6
5 31	16 28.86	−29 10.3	2.514	3.522	2.1	21.5
6 10	16 19.98	−29 3.4	2.521	3.516	3.8	21.6
6 20	16 11.88	−28 51.0	2.556	3.511	6.7	21.8
6 30	16 5.22	−28 35.7	2.618	3.505	9.4	21.9
50157 2000 AD_{143}			5 30.3 79°.74		1°.6/31.0 18	
4 21	16 59.51	−27 57.0	2.031	2.826	14.8	19.2
5 1	16 54.56	−27 45.3	1.966	2.851	11.7	19.1
5 11	16 47.28	−27 25.0	1.923	2.876	8.2	18.9
5 21	16 38.39	−26 55.8	1.904	2.901	4.4	18.7
5 31	16 28.83	−26 18.9	1.913	2.925	1.6	18.5
6 10	16 19.66	−25 36.8	1.950	2.949	4.3	18.8
6 20	16 11.78	−24 53.4	2.014	2.973	7.9	19.0
6 30	16 5.87	−24 12.6	2.103	2.997	11.1	19.3
439371 2013 AV_{9}			5 30.3 238°.21		0°.5/30.2 16	
4 21	16 55.80	−20 53.1	2.262	3.066	13.2	21.8
5 1	16 51.68	−20 50.0	2.167	3.060	10.4	21.6
5 11	16 45.44	−20 44.3	2.095	3.054	7.2	21.4
5 21	16 37.60	−20 36.0	2.048	3.048	3.5	21.1
5 31	16 28.88	−20 25.9	2.028	3.042	0.6	20.9
6 10	16 20.19	−20 15.4	2.037	3.036	4.2	21.1
6 20	16 12.39	−20 6.3	2.073	3.029	7.9	21.3
6 30	16 6.20	−20 0.4	2.133	3.022	11.1	21.5
113646 2002 TS_{78}			5 30.3 264°.79		6°.1/31.9 18	
4 21	17 1.73	−37 1.4	2.240	3.001	14.5	20.4
5 1	16 57.13	−37 59.2	2.133	2.983	12.3	20.2
5 11	16 49.72	−38 48.2	2.046	2.965	9.7	20.0
5 21	16 39.94	−39 23.9	1.983	2.947	7.3	19.8
5 31	16 28.70	−39 42.2	1.947	2.929	6.1	19.7
6 10	16 17.22	−39 41.8	1.937	2.910	7.0	19.7
6 20	16 6.74	−39 24.6	1.953	2.891	9.5	19.8
6 30	15 58.36	−38 55.0	1.993	2.871	12.3	19.9
190646 2000 XD_{20}			5 30.3 207°.53		3°.4/31.2 18	
4 21	17 1.98	−29 53.7	2.259	3.038	13.9	20.8
5 1	16 56.87	−30 37.7	2.162	3.033	11.3	20.6
5 11	16 49.23	−31 16.2	2.086	3.028	8.3	20.4
5 21	16 39.57	−31 45.9	2.036	3.022	5.2	20.2
5 31	16 28.74	−32 4.5	2.013	3.016	3.4	20.0
6 10	16 17.84	−32 11.5	2.018	3.009	5.1	20.1
6 20	16 7.92	−32 8.5	2.051	3.002	8.3	20.3
6 30	15 59.91	−31 58.8	2.109	2.995	11.4	20.5
340983 2007 EC_{181}			5 30.3 333°.78		9°.2/31.6 17	
4 21	16 58.83	−37 28.6	1.477	2.274	19.2	20.0
5 1	16 56.35	−39 4.8	1.390	2.261	16.4	19.8
5 11	16 50.07	−40 31.5	1.322	2.249	13.3	19.5
5 21	16 40.44	−41 40.5	1.274	2.238	10.5	19.3
5 31	16 28.66	−42 24.2	1.249	2.227	9.2	19.2
6 10	16 16.54	−42 39.1	1.247	2.217	10.3	19.3
6 20	16 6.01	−42 27.3	1.267	2.209	13.1	19.4
6 30	15 58.64	−41 55.9	1.307	2.201	16.4	19.6
276140 2002 HB_{8}			5 30.3 122°.37		1°.4/30.5 18	
4 21	17 4.12	−21 32.8	1.932	2.728	15.4	20.2
5 1	16 58.74	−22 35.9	1.846	2.733	12.2	19.9
5 11	16 50.61	−23 40.1	1.782	2.738	8.5	19.7
5 21	16 40.28	−24 42.3	1.744	2.742	4.4	19.5
5 31	16 28.70	−25 39.4	1.734	2.746	1.4	19.3
6 10	16 17.07	−26 29.3	1.753	2.751	4.9	19.5
6 20	16 6.57	−27 11.7	1.799	2.755	8.9	19.8
6 30	15 58.19	−27 48.2	1.870	2.759	12.5	20.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
387726 2003 FP_{19}			5 30.3 46°.78		6°.3/28.5 17	
	h m	° ′			°	m
4 21	16 54.47	− 5 50.3	1.869	2.680	15.2	20.5
5 1	16 50.59	− 5 11.2	1.813	2.700	12.4	20.4
5 11	16 44.59	− 4 40.0	1.777	2.721	9.4	20.2
5 21	16 37.10	− 4 20.2	1.766	2.741	7.0	20.1
5 31	16 28.96	− 4 14.7	1.779	2.762	6.4	20.1
6 10	16 21.12	− 4 24.6	1.818	2.784	8.0	20.3
6 20	16 14.39	− 4 49.7	1.882	2.805	10.6	20.5
6 30	16 9.40	− 5 28.3	1.969	2.827	13.3	20.7
305920 2009 FJ_{62}			5 30.3 341°.52		5°.3/27.9 17	
4 21	16 51.67	−11 12.1	1.831	2.656	15.0	20.8
5 1	16 48.76	−10 12.7	1.749	2.650	12.1	20.6
5 11	16 43.60	− 9 14.5	1.688	2.644	8.9	20.3
5 21	16 36.74	− 8 21.6	1.650	2.638	6.1	20.2
5 31	16 28.99	− 7 38.4	1.639	2.633	5.5	20.1
6 10	16 21.33	− 7 8.6	1.652	2.629	7.7	20.2
6 20	16 14.68	− 6 54.5	1.690	2.625	10.9	20.4
6 30	16 9.79	− 6 56.6	1.750	2.621	14.1	20.6
502844 2015 DF_{166}			5 30.3 4°.32		0°.1/30.4 17	
4 21	16 56.93	−21 43.8	1.767	2.584	15.8	21.5
5 1	16 53.19	−21 52.9	1.684	2.584	12.5	21.2
5 11	16 46.81	−21 59.0	1.622	2.584	8.6	21.0
5 21	16 38.38	−22 1.7	1.583	2.584	4.3	20.7
5 31	16 28.86	−22 1.1	1.571	2.584	0.3	20.4
6 10	16 19.43	−21 58.5	1.585	2.585	4.9	20.8
6 20	16 11.18	−21 55.7	1.624	2.586	9.2	21.0
6 30	16 5.02	−21 55.2	1.687	2.587	13.0	21.3
85778 1998 UZ_{42}			5 30.3 200°.51		0°.9/30.7 17	
4 21	17 0.43	−24 59.3	2.146	2.939	14.1	21.4
5 1	16 55.51	−25 0.3	2.050	2.936	11.3	21.2
5 11	16 48.19	−24 55.7	1.977	2.931	7.9	21.0
5 21	16 39.01	−24 44.7	1.928	2.926	4.1	20.7
5 31	16 28.82	−24 27.3	1.907	2.920	0.9	20.5
6 10	16 18.68	−24 5.1	1.915	2.914	4.4	20.7
6 20	16 9.58	−23 40.7	1.950	2.907	8.2	20.9
6 30	16 2.34	−23 17.5	2.009	2.899	11.7	21.1
146252 2000 YS_{48}			5 30.3 178°.30		1°.8/29.4 18	
4 21	16 53.97	−15 48.1	2.992	3.786	10.5	20.9
5 1	16 49.57	−15 33.1	2.901	3.788	8.3	20.8
5 11	16 43.64	−15 18.1	2.834	3.789	5.7	20.6
5 21	16 36.61	−15 3.9	2.793	3.789	3.1	20.4
5 31	16 29.01	−14 51.9	2.781	3.790	1.9	20.3
6 10	16 21.48	−14 43.3	2.799	3.789	3.9	20.5
6 20	16 14.61	−14 39.1	2.845	3.789	6.6	20.7
6 30	16 8.90	−14 40.2	2.917	3.788	9.0	20.8
308625 2005 XJ_{20}			5 30.3 218°.24		1°.7/31.0 18	
4 21	17 0.21	−27 29.8	2.355	3.139	13.3	22.6
5 1	16 55.23	−27 34.3	2.251	3.130	10.7	22.4
5 11	16 47.95	−27 32.1	2.169	3.119	7.6	22.2
5 21	16 38.90	−27 22.0	2.113	3.108	4.2	22.0
5 31	16 28.85	−27 3.7	2.085	3.096	1.7	21.8
6 10	16 18.79	−26 38.3	2.085	3.083	4.2	21.9
6 20	16 9.67	−26 8.6	2.114	3.070	7.7	22.1
6 30	16 2.28	−25 38.0	2.168	3.056	11.0	22.3
217608 2008 SG_{184}			5 30.3 229°.46		1°.6/30.8 17	
4 21	16 58.62	−25 49.6	2.161	2.956	14.0	20.8
5 1	16 54.18	−26 8.7	2.064	2.949	11.2	20.6
5 11	16 47.35	−26 23.1	1.989	2.942	7.9	20.4
5 21	16 38.64	−26 31.2	1.938	2.935	4.3	20.2
5 31	16 28.87	−26 32.3	1.915	2.927	1.6	20.0
6 10	16 19.08	−26 26.9	1.921	2.919	4.4	20.1
6 20	16 10.27	−26 17.0	1.953	2.911	8.1	20.3
6 30	16 3.28	−26 5.6	2.009	2.903	11.5	20.5
87619 2000 RM_{48}			5 30.3 167°.59		5°.3/ 1.7 18	
4 21	17 3.54	−38 50.6	2.568	3.310	13.4	19.8
5 1	16 57.84	−39 23.1	2.478	3.315	11.2	19.7
5 11	16 49.71	−39 44.3	2.409	3.320	8.8	19.5
5 21	16 39.73	−39 50.8	2.364	3.324	6.6	19.4
5 31	16 28.80	−39 40.5	2.347	3.327	5.3	19.3
6 10	16 18.00	−39 14.1	2.358	3.330	6.0	19.3
6 20	16 8.32	−38 34.3	2.396	3.332	8.0	19.5
6 30	16 0.59	−37 46.0	2.459	3.333	10.4	19.6
24370 Marywang			5 30.3 277°.08		4°.6/29.0 18	
4 21	16 57.06	−12 30.0	1.590	2.414	16.9	18.8
5 1	16 53.60	−11 59.8	1.498	2.399	13.6	18.6
5 11	16 47.32	−11 31.7	1.425	2.384	9.9	18.3
5 21	16 38.76	−11 8.8	1.376	2.370	6.1	18.0
5 31	16 28.86	−10 54.3	1.351	2.355	4.7	17.9
6 10	16 18.89	−10 51.3	1.352	2.339	7.6	18.0
6 20	16 10.04	−11 1.4	1.377	2.324	11.8	18.2
6 30	16 3.38	−11 25.0	1.424	2.309	15.8	18.4

167789 2005 AC_{39} 5 30.3 123°.94 0°.1/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	17 1.80	−22 4.1	1.673	2.484	16.8	20.6
5 1	16 57.02	−22 8.5	1.599	2.495	13.3	20.4
5 11	16 49.41	−22 9.1	1.546	2.506	9.1	20.2
5 21	16 39.64	−22 5.4	1.516	2.516	4.5	19.9
5 31	16 28.81	−21 57.5	1.513	2.526	0.3	19.6
6 10	16 18.22	−21 47.1	1.536	2.536	5.1	20.0
6 20	16 9.04	−21 36.8	1.585	2.545	9.5	20.3
6 30	16 2.19	−21 29.6	1.658	2.554	13.4	20.5

424158 2007 GX_{74} 5 30.3 31°.80 12°.0/28.3 17

4 21	16 55.42	+ 4 42.9	1.453	2.255	19.2	20.2
5 1	16 52.00	+ 5 41.0	1.400	2.266	16.6	20.0
5 11	16 45.91	+ 6 20.0	1.366	2.277	14.2	19.9
5 21	16 37.87	+ 6 33.2	1.351	2.289	12.4	19.8
5 31	16 28.94	+ 6 16.1	1.358	2.302	12.0	19.8
6 10	16 20.34	+ 5 28.1	1.387	2.315	13.2	19.9
6 20	16 13.11	+ 4 12.7	1.437	2.329	15.3	20.1
6 30	16 8.05	+ 2 35.6	1.506	2.343	17.7	20.3

96711 1999 JE_{138} 5 30.3 58°.43 5°.6/28.5 18

4 21	16 54.33	− 6 51.8	2.089	2.895	14.0	19.4
5 1	16 50.43	− 6 18.4	2.014	2.900	11.4	19.2
5 11	16 44.52	− 5 51.0	1.961	2.905	8.6	19.1
5 21	16 37.12	− 5 32.8	1.932	2.910	6.3	18.9
5 31	16 29.00	− 5 26.4	1.929	2.916	5.7	18.9
6 10	16 21.02	− 5 33.5	1.953	2.921	7.3	19.0
6 20	16 13.98	− 5 54.1	2.002	2.927	10.0	19.2
6 30	16 8.53	− 6 27.4	2.074	2.932	12.7	19.4

144436 2004 ED_{34} 5 30.3 131°.80 4°.9/ 1.1 17

4 21	17 4.07	−34 36.7	1.935	2.709	16.1	21.3
5 1	16 58.82	−35 9.6	1.857	2.721	13.2	21.1
5 11	16 50.66	−35 31.1	1.799	2.732	10.0	20.9
5 21	16 40.28	−35 37.5	1.765	2.743	6.8	20.7
5 31	16 28.79	−35 26.6	1.757	2.753	5.0	20.6
6 10	16 17.53	−34 59.4	1.776	2.763	6.2	20.7
6 20	16 7.73	−34 20.0	1.822	2.772	9.2	20.9
6 30	16 0.33	−33 34.2	1.891	2.781	12.3	21.1

40238 1998 VR_{13} 5 30.3 266°.19 1°.4/31.1 18

4 21	16 52.07	−27 42.8	3.558	4.336	9.3	19.7
5 1	16 48.08	−27 48.8	3.444	4.319	7.4	19.5
5 11	16 42.67	−27 50.3	3.353	4.301	5.3	19.3
5 21	16 36.18	−27 46.7	3.290	4.283	3.0	19.1
5 31	16 29.09	−27 38.0	3.255	4.265	1.4	19.0
6 10	16 21.98	−27 24.8	3.250	4.247	3.0	19.1
6 20	16 15.39	−27 8.5	3.273	4.229	5.3	19.2
6 30	16 9.82	−26 50.9	3.323	4.210	7.6	19.4

208201 2000 RL_{59} 5 30.3 302°.42 5°.5/31.6 17

4 21	16 59.17	−32 5.6	1.388	2.203	19.4	20.2
5 1	16 56.39	−32 50.1	1.300	2.191	16.0	19.9
5 11	16 49.92	−33 24.4	1.229	2.179	12.1	19.7
5 21	16 40.31	−33 43.4	1.179	2.167	8.0	19.4
5 31	16 28.79	−33 42.9	1.153	2.155	5.5	19.2
6 10	16 17.13	−33 22.6	1.150	2.144	7.6	19.3
6 20	16 7.09	−32 46.7	1.170	2.133	11.8	19.5
6 30	16 0.07	−32 2.5	1.211	2.122	16.2	19.7

16573 1992 EC_{10} 5 30.3 246°.12 5°.6/27.7 18

4 21	16 53.48	− 5 43.6	2.500	3.295	12.3	18.6
5 1	16 49.53	− 4 59.3	2.407	3.285	10.1	18.4
5 11	16 43.83	− 4 19.7	2.337	3.274	7.8	18.3
5 21	16 36.80	− 3 48.0	2.292	3.263	6.0	18.1
5 31	16 29.07	− 3 27.1	2.274	3.252	5.7	18.1
6 10	16 21.35	− 3 19.3	2.283	3.240	7.1	18.2
6 20	16 14.34	− 3 25.2	2.318	3.229	9.5	18.3
6 30	16 8.66	− 3 44.7	2.377	3.217	11.9	18.4

225917 2002 AR_{88} 5 30.3 134°.34 2°.0/29.6 17

4 21	16 58.00	−17 45.9	2.040	2.846	14.3	21.3
5 1	16 53.42	−17 20.7	1.962	2.856	11.3	21.1
5 11	16 46.62	−16 53.9	1.905	2.865	7.8	20.9
5 21	16 38.19	−16 26.7	1.875	2.873	4.1	20.7
5 31	16 28.98	−16 1.1	1.871	2.881	2.1	20.6
6 10	16 19.95	−15 39.6	1.895	2.889	5.1	20.8
6 20	16 12.01	−15 24.1	1.946	2.897	8.7	21.0
6 30	16 5.86	−15 16.5	2.021	2.904	12.0	21.3

258608 2002 CP_{271} 5 30.3 267°.37 2°.4/29.4 18

4 21	16 53.84	−15 31.5	2.366	3.172	12.6	21.0
5 1	16 50.00	−15 12.4	2.271	3.165	10.0	20.8
5 11	16 44.24	−14 53.4	2.199	3.157	7.0	20.6
5 21	16 37.04	−14 35.8	2.152	3.149	3.9	20.4
5 31	16 29.06	−14 21.3	2.133	3.141	2.4	20.3
6 10	16 21.10	−14 11.6	2.142	3.133	4.9	20.4
6 20	16 13.93	−14 8.1	2.178	3.125	8.1	20.6
6 30	16 8.22	−14 11.9	2.238	3.117	11.1	20.8

155234 2005 WK_{16} 5 30.3 326°.87 0°.1/30.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 54.53	−21 53.7	1.449	2.284	17.7	19.7
5 1	16 52.07	−21 59.3	1.361	2.270	14.2	19.5
5 11	16 46.53	−22 1.2	1.292	2.258	9.9	19.2
5 21	16 38.47	−21 59.1	1.244	2.246	4.9	18.8
5 31	16 28.94	−21 53.2	1.221	2.235	0.4	18.5
6 10	16 19.34	−21 45.3	1.222	2.224	5.7	18.8
6 20	16 11.05	−21 37.8	1.247	2.214	10.8	19.1
6 30	16 5.20	−21 34.2	1.293	2.205	15.3	19.3

437600 2014 BJ_5 5 30.3 36°.94 2°.1/29.7 17

4 21	16 55.64	−16 52.0	1.918	2.734	14.7	21.5
5 1	16 51.82	−16 38.1	1.837	2.736	11.7	21.3
5 11	16 45.69	−16 23.9	1.776	2.738	8.1	21.1
5 21	16 37.80	−16 10.5	1.741	2.740	4.3	20.9
5 31	16 29.02	−15 59.7	1.731	2.742	2.2	20.7
6 10	16 20.35	−15 53.1	1.749	2.744	5.3	20.9
6 20	16 12.74	−15 52.4	1.793	2.747	9.1	21.2
6 30	16 6.95	−15 58.8	1.860	2.749	12.5	21.4

228224 1998 DK_{12} 5 30.3 202°.26 2°.0/29.6 18

4 21	16 57.99	−16 38.6	2.362	3.160	12.8	21.6
5 1	16 53.24	−16 21.0	2.267	3.155	10.2	21.4
5 11	16 46.46	−16 2.6	2.194	3.150	7.1	21.2
5 21	16 38.14	−15 44.6	2.147	3.145	3.8	21.0
5 31	16 28.99	−15 28.3	2.129	3.138	2.1	20.9
6 10	16 19.89	−15 15.7	2.139	3.131	4.8	21.0
6 20	16 11.64	−15 8.2	2.177	3.124	8.1	21.2
6 30	16 4.93	−15 7.3	2.240	3.115	11.2	21.4

251853 1999 UW_{14} 5 30.3 174°.84 1°.1/30.7 17

4 21	17 2.40	−24 39.4	2.117	2.908	14.4	22.0
5 1	16 57.08	−24 53.8	2.028	2.911	11.5	21.8
5 11	16 49.28	−25 3.6	1.960	2.914	8.0	21.5
5 21	16 39.59	−25 7.6	1.918	2.916	4.2	21.3
5 31	16 28.89	−25 5.1	1.904	2.917	1.1	21.1
6 10	16 18.27	−24 57.1	1.918	2.917	4.4	21.3
6 20	16 8.74	−24 45.6	1.960	2.917	8.2	21.6
6 30	16 1.15	−24 33.8	2.027	2.915	11.7	21.8

93185 2000 SH_{108} 5 30.3 336°.82 1°.1/29.9 17

4 21	16 55.70	−20 30.3	1.647	2.472	16.4	19.4
5 1	16 52.40	−20 14.9	1.564	2.468	13.0	19.2
5 11	16 46.38	−19 55.6	1.501	2.465	9.0	18.9
5 21	16 38.24	−19 33.2	1.461	2.462	4.5	18.7
5 31	16 28.99	−19 9.5	1.446	2.459	1.2	18.4
6 10	16 19.83	−18 47.1	1.457	2.457	5.4	18.7
6 20	16 11.90	−18 28.9	1.494	2.455	9.9	19.0
6 30	16 6.13	−18 17.7	1.552	2.453	13.9	19.2

287991 2003 UP_{183} 5 30.3 188°.69 4°.7/28.5 17

4 21	16 58.48	−12 12.3	1.843	2.654	15.4	21.2
5 1	16 54.09	−11 21.6	1.760	2.653	12.4	21.0
5 11	16 47.26	−10 31.9	1.698	2.652	9.0	20.8
5 21	16 38.59	− 9 46.4	1.661	2.651	5.8	20.6
5 31	16 28.97	− 9 9.2	1.651	2.649	4.9	20.5
6 10	16 19.47	− 8 43.5	1.667	2.646	7.3	20.7
6 20	16 11.09	− 8 31.4	1.708	2.643	10.7	20.9
6 30	16 4.63	− 8 33.8	1.773	2.640	14.1	21.1

33806 Shrivastava 5 30.3 358°.96 4°.7/29.0 17

4 21	16 55.93	−12 58.5	1.455	2.287	17.8	18.7
5 1	16 52.75	−12 21.8	1.380	2.286	14.2	18.5
5 11	16 46.70	−11 47.1	1.324	2.286	10.2	18.3
5 21	16 38.42	−11 17.8	1.291	2.285	6.3	18.0
5 31	16 28.98	−10 57.8	1.282	2.286	4.8	17.9
6 10	16 19.68	−10 49.9	1.298	2.286	7.8	18.1
6 20	16 11.73	−10 56.0	1.337	2.286	11.9	18.3
6 30	16 6.08	−11 16.1	1.397	2.287	15.8	18.6

137633 1999 WR_2 5 30.3 238°.64 1°.1/30.7 18

4 21	17 0.59	−25 20.1	1.922	2.722	15.3	21.0
5 1	16 56.12	−25 21.2	1.820	2.708	12.3	20.8
5 11	16 48.93	−25 15.9	1.738	2.694	8.6	20.5
5 21	16 39.55	−25 3.2	1.681	2.680	4.5	20.3
5 31	16 28.90	−24 42.9	1.651	2.664	1.1	20.0
6 10	16 18.18	−24 16.6	1.648	2.648	4.8	20.2
6 20	16 8.55	−23 47.4	1.672	2.632	9.2	20.4
6 30	16 0.99	−23 19.5	1.720	2.614	13.1	20.6

222661 2001 XD_{218} 5 30.3 3°.31 1°.3/29.7 18

4 21	16 55.06	−23 53.3	1.474	2.304	17.7	19.2
5 1	16 52.11	−22 49.5	1.396	2.304	14.0	18.9
5 11	16 46.23	−21 34.1	1.338	2.304	9.6	18.7
5 21	16 38.16	−20 9.6	1.302	2.304	4.8	18.4
5 31	16 29.01	−18 41.0	1.292	2.305	1.5	18.2
6 10	16 20.14	−17 15.1	1.308	2.307	6.0	18.5
6 20	16 12.73	−15 58.7	1.348	2.309	10.8	18.7
6 30	16 7.68	−14 57.1	1.410	2.311	15.0	19.0

290848 2005 WM_{32} 5 30.3 53°.14 1°.4/31.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 58.16	−28 59.0	1.585	2.397	17.5	20.1
5 1	16 54.28	−28 22.7	1.517	2.411	13.9	19.9
5 11	16 47.52	−27 33.6	1.468	2.426	9.7	19.7
5 21	16 38.69	−26 31.9	1.443	2.441	5.1	19.5
5 31	16 28.98	−25 20.2	1.443	2.456	1.4	19.2
6 10	16 19.71	−24 4.0	1.470	2.471	5.0	19.5
6 20	16 12.01	−22 49.4	1.522	2.486	9.4	19.8
6 30	16 6.69	−21 42.5	1.597	2.502	13.3	20.1

501886 2014 WG_{408} 5 30.3 195°.46 0°.3/30.4 17

4 21	17 1.17	−22 48.8	1.950	2.750	15.1	22.7
5 1	16 56.34	−22 51.4	1.858	2.748	12.0	22.5
5 11	16 48.91	−22 49.9	1.788	2.745	8.3	22.2
5 21	16 39.46	−22 43.6	1.742	2.742	4.2	22.0
5 31	16 28.92	−22 32.7	1.724	2.738	0.4	21.7
6 10	16 18.42	−22 18.6	1.734	2.733	4.7	22.0
6 20	16 9.05	−22 3.7	1.770	2.728	8.9	22.2
6 30	16 1.71	−21 51.1	1.831	2.722	12.6	22.4

387154 2012 TS_{234} 5 30.3 275°.48 2°.2/29.7 18

4 21	16 56.39	−16 39.7	1.969	2.782	14.5	21.5
5 1	16 52.59	−16 28.0	1.868	2.765	11.6	21.3
5 11	16 46.38	−16 15.9	1.788	2.748	8.1	21.0
5 21	16 38.26	−16 4.7	1.732	2.731	4.3	20.8
5 31	16 29.02	−15 55.8	1.703	2.713	2.2	20.6
6 10	16 19.68	−15 51.0	1.701	2.696	5.4	20.8
6 20	16 11.26	−15 52.0	1.725	2.678	9.4	20.9
6 30	16 4.63	−16 0.2	1.773	2.661	13.1	21.1

280305 2003 QJ_{32} 5 30.3 349°.95 8°.8/ 2.3 18

4 21	16 57.38	−40 30.9	1.519	2.307	19.2	19.6
5 1	16 54.93	−41 28.3	1.439	2.301	16.5	19.4
5 11	16 48.82	−42 9.3	1.375	2.296	13.4	19.2
5 21	16 39.71	−42 27.3	1.332	2.292	10.5	19.0
5 31	16 28.91	−42 17.5	1.311	2.289	8.9	18.9
6 10	16 18.19	−41 40.0	1.313	2.286	9.6	18.9
6 20	16 9.22	−40 39.7	1.337	2.284	12.1	19.1
6 30	16 3.28	−39 25.5	1.383	2.284	15.2	19.2

473774 2016 EG_{76} 5 30.3 335°.51 4°.5/29.0 17

4 21	16 52.53	−15 37.3	1.180	2.034	19.7	21.2
5 1	16 50.88	−14 52.0	1.103	2.023	15.8	20.9
5 11	16 45.90	−14 4.5	1.044	2.013	11.2	20.6
5 21	16 38.22	−13 18.9	1.005	2.004	6.5	20.3
5 31	16 29.02	−12 40.6	0.989	1.996	4.7	20.2
6 10	16 19.86	−12 14.6	0.995	1.989	8.4	20.4
6 20	16 12.22	−12 4.5	1.022	1.983	13.4	20.6
6 30	16 7.28	−12 11.7	1.069	1.977	18.1	20.9

418043 2007 VF_{83} 5 30.3 333°.81 4°.1/28.9 17

4 21	16 54.13	−17 23.6	1.277	2.123	19.0	21.1
5 1	16 51.84	−16 23.4	1.200	2.116	15.1	20.9
5 11	16 46.36	−15 17.8	1.141	2.109	10.6	20.6
5 21	16 38.37	−14 10.9	1.104	2.103	6.0	20.3
5 31	16 29.01	−13 8.4	1.090	2.098	4.2	20.2
6 10	16 19.79	−12 16.7	1.100	2.093	8.0	20.4
6 20	16 12.07	−11 40.5	1.132	2.088	12.8	20.6
6 30	16 6.91	−11 22.8	1.184	2.085	17.3	20.9

431407 2007 GO_{61} 5 30.3 175°.69 5°.5/27.2 18

4 21	16 56.76	−12 44.5	1.945	2.756	14.7	20.8
5 1	16 52.51	−11 5.5	1.864	2.757	11.8	20.6
5 11	16 46.04	− 9 23.9	1.806	2.758	8.7	20.4
5 21	16 37.94	− 7 45.1	1.774	2.759	6.1	20.2
5 31	16 29.06	− 6 15.2	1.769	2.759	5.7	20.2
6 10	16 20.37	− 4 59.8	1.792	2.759	8.0	20.3
6 20	16 12.75	− 4 2.7	1.840	2.759	11.1	20.5
6 30	16 6.91	− 3 25.6	1.911	2.758	14.0	20.7

377788 2006 AB_{1} 5 30.3 211°.96 1°.0/29.9 17

4 21	16 58.25	−19 59.5	2.258	3.057	13.3	22.1
5 1	16 53.63	−19 44.8	2.160	3.050	10.6	21.9
5 11	16 46.84	−19 27.2	2.085	3.043	7.3	21.6
5 21	16 38.38	−19 7.2	2.036	3.036	3.7	21.4
5 31	16 29.03	−18 46.0	2.014	3.027	1.1	21.2
6 10	16 19.70	−18 25.5	2.022	3.018	4.5	21.4
6 20	16 11.28	−18 8.0	2.056	3.009	8.1	21.6
6 30	16 4.52	−17 55.5	2.115	2.999	11.5	21.8

177431 2004 CH_{68} 5 30.3 203°.03 4°.2/28.7 17

4 21	16 59.06	−11 48.8	2.107	2.908	14.1	21.6
5 1	16 54.29	−11 10.3	2.016	2.903	11.3	21.4
5 11	16 47.30	−10 33.3	1.947	2.898	8.2	21.2
5 21	16 38.61	−10 0.4	1.902	2.892	5.3	21.0
5 31	16 29.02	− 9 34.6	1.886	2.884	4.3	21.0
6 10	16 19.48	− 9 18.3	1.897	2.877	6.5	21.1
6 20	16 10.89	− 9 13.3	1.935	2.868	9.8	21.3
6 30	16 4.00	− 9 20.2	1.996	2.859	12.9	21.4

207791 2007 TQ_{150} 5 30.4 233°.44 2°.2/31.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 57.51	−28 49.9	2.148	2.941	14.1	20.6
5 1	16 53.34	−28 55.8	2.055	2.937	11.4	20.4
5 11	16 46.78	−28 53.9	1.982	2.932	8.1	20.2
5 21	16 38.40	−28 42.7	1.934	2.927	4.7	20.0
5 31	16 29.04	−28 22.0	1.913	2.923	2.3	19.8
6 10	16 19.74	−27 53.2	1.919	2.917	4.5	19.9
6 20	16 11.48	−27 19.4	1.953	2.912	8.1	20.1
6 30	16 5.08	−26 44.4	2.011	2.907	11.4	20.3

307440 2002 UO_{25} 5 30.4 193°.34 0°.2/30.3 17

4 21	16 58.92	−23 47.1	1.831	2.639	15.6	20.7
5 1	16 54.65	−23 20.6	1.744	2.638	12.4	20.5
5 11	16 47.77	−22 46.7	1.677	2.637	8.6	20.2
5 21	16 38.90	−22 5.9	1.635	2.635	4.3	20.0
5 31	16 29.01	−21 20.2	1.620	2.634	0.4	19.6
6 10	16 19.27	−20 32.8	1.632	2.631	4.9	20.0
6 20	16 10.76	−19 47.9	1.670	2.629	9.2	20.2
6 30	16 4.34	−19 9.5	1.732	2.626	13.0	20.5

257507 1996 TG_{35} 5 30.4 230°.26 1°.0/30.7 17

4 21	17 0.83	−25 38.7	1.850	2.652	15.7	21.6
5 1	16 56.37	−25 30.9	1.751	2.641	12.6	21.4
5 11	16 49.13	−25 15.7	1.673	2.630	8.9	21.1
5 21	16 39.67	−24 51.9	1.619	2.618	4.6	20.8
5 31	16 28.95	−24 20.0	1.592	2.606	1.0	20.5
6 10	16 18.23	−23 42.4	1.592	2.592	4.9	20.8
6 20	16 8.68	−23 2.7	1.619	2.579	9.4	21.0
6 30	16 1.30	−22 25.7	1.669	2.565	13.4	21.2

320284 2007 RW_{182} 5 30.4 161°.57 1°.5/30.9 16

4 21	17 3.15	−27 22.4	2.085	2.872	14.7	22.0
5 1	16 57.64	−27 16.8	2.000	2.880	11.7	21.8
5 11	16 49.62	−27 3.3	1.936	2.887	8.3	21.6
5 21	16 39.75	−26 40.8	1.897	2.893	4.4	21.4
5 31	16 28.96	−26 9.6	1.886	2.898	1.5	21.2
6 10	16 18.38	−25 31.9	1.904	2.903	4.4	21.4
6 20	16 9.01	−24 51.3	1.950	2.907	8.2	21.6
6 30	16 1.68	−24 12.1	2.020	2.909	11.7	21.9

507735 2013 WM_{97} 5 30.4 238°.93 1°.1/30.9 18

4 21	16 59.79	−28 15.2	2.135	2.925	14.3	21.7
5 1	16 55.11	−27 39.8	2.030	2.912	11.5	21.5
5 11	16 47.99	−26 53.4	1.946	2.898	8.1	21.2
5 21	16 39.00	−25 55.6	1.887	2.884	4.3	21.0
5 31	16 29.02	−24 48.0	1.856	2.869	1.1	20.7
6 10	16 19.11	−23 34.2	1.855	2.854	4.4	20.9
6 20	16 10.28	−22 19.2	1.881	2.839	8.4	21.1
6 30	16 3.36	−21 8.5	1.932	2.822	12.1	21.3

179620 2002 PN_{33} 5 30.4 281°.69 3°.7/29.2 18

4 21	16 56.95	−14 59.2	1.617	2.441	16.7	20.5
5 1	16 53.62	−14 29.5	1.518	2.421	13.4	20.2
5 11	16 47.44	−13 59.3	1.439	2.400	9.5	19.9
5 21	16 38.94	−13 31.1	1.383	2.380	5.5	19.6
5 31	16 29.02	−13 7.8	1.352	2.359	3.8	19.5
6 10	16 18.94	−12 52.9	1.347	2.338	7.1	19.6
6 20	16 9.94	−12 48.7	1.366	2.317	11.5	19.8
6 30	16 3.11	−12 57.0	1.407	2.296	15.7	20.0

116409 2003 YE_{138} 5 30.4 300°.61 1°.8/30.8 17

4 21	16 57.24	−25 1.9	1.451	2.277	18.1	19.7
5 1	16 54.54	−25 21.4	1.353	2.256	14.7	19.4
5 11	16 48.51	−25 35.7	1.273	2.235	10.4	19.1
5 21	16 39.64	−25 42.8	1.215	2.215	5.6	18.8
5 31	16 28.97	−25 41.1	1.182	2.194	1.8	18.5
6 10	16 18.02	−25 31.5	1.173	2.174	6.0	18.7
6 20	16 8.36	−25 16.8	1.187	2.154	11.2	18.9
6 30	16 1.32	−25 1.5	1.223	2.135	16.0	19.2

178598 2000 BH_{28} 5 30.4 140°.86 2°.9/29.5 17

4 21	16 59.80	−15 0.9	1.899	2.706	15.2	21.2
5 1	16 55.02	−14 42.1	1.822	2.716	12.0	21.0
5 11	16 47.85	−14 24.2	1.767	2.724	8.4	20.8
5 21	16 38.89	−14 8.6	1.736	2.733	4.7	20.6
5 31	16 29.05	−13 57.3	1.733	2.740	2.9	20.5
6 10	16 19.39	−13 52.1	1.757	2.748	5.7	20.7
6 20	16 10.89	−13 54.4	1.807	2.754	9.4	20.9
6 30	16 4.32	−14 5.0	1.881	2.761	12.8	21.1

159584 2001 XT_{63} 5 30.4 267°.10 3°.2/29.6 17

4 21	17 0.00	−14 48.4	1.575	2.395	17.2	20.2
5 1	16 56.20	−14 37.9	1.474	2.375	13.9	19.9
5 11	16 49.36	−14 29.1	1.394	2.354	9.9	19.6
5 21	16 39.95	−14 23.8	1.336	2.334	5.5	19.3
5 31	16 28.95	−14 23.7	1.303	2.312	3.3	19.1
6 10	16 17.70	−14 30.9	1.297	2.291	6.9	19.3
6 20	16 7.55	−14 46.6	1.315	2.269	11.6	19.5
6 30	15 59.70	−15 12.1	1.355	2.246	16.1	19.7

379250 2009 TR_{18} 5 30.4 318°.44 3°.6/29.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 52.14	−18 6.4	1.353	2.198	18.2	21.0
5 1	16 50.34	−17 13.3	1.260	2.176	14.6	20.7
5 11	16 45.47	−16 13.4	1.186	2.154	10.3	20.4
5 21	16 38.05	−15 10.0	1.133	2.133	5.7	20.1
5 31	16 29.11	−14 8.1	1.104	2.113	3.7	19.9
6 10	16 20.05	−13 13.9	1.098	2.093	7.7	20.1
6 20	16 12.27	−12 32.8	1.115	2.074	12.7	20.3
6 30	16 6.92	−12 8.8	1.152	2.056	17.4	20.5

204358 2004 TC_{9} 5 30.4 319°.21 2°.9/31.4 17

4 21	16 52.32	−29 38.0	1.131	1.977	20.9	19.7
5 1	16 51.57	−29 30.1	1.039	1.952	17.2	19.3
5 11	16 46.98	−29 5.6	0.963	1.929	12.5	19.0
5 21	16 39.05	−28 21.9	0.907	1.906	7.1	18.6
5 31	16 29.03	−27 18.3	0.872	1.884	2.9	18.3
6 10	16 18.80	−25 59.3	0.860	1.863	6.9	18.4
6 20	16 10.24	−24 33.7	0.868	1.843	12.9	18.7
6 30	16 4.90	−23 12.1	0.895	1.825	18.5	18.9

314164 2005 GD_{11} 5 30.4 102°.69 0°.6/30.5 18

4 21	17 3.39	−22 15.1	1.657	2.465	17.0	21.2
5 1	16 58.32	−22 37.2	1.588	2.482	13.5	21.0
5 11	16 50.35	−22 56.3	1.540	2.499	9.3	20.7
5 21	16 40.20	−23 10.9	1.516	2.515	4.7	20.5
5 31	16 28.99	−23 20.3	1.518	2.532	0.7	20.2
6 10	16 18.06	−23 25.2	1.547	2.547	5.0	20.6
6 20	16 8.61	−23 27.6	1.602	2.563	9.4	20.9
6 30	16 1.55	−23 30.2	1.681	2.577	13.2	21.2

376181 2011 CT_{32} 5 30.4 328°.43 0°.1/30.4 17

4 21	16 57.36	−22 2.3	1.631	2.451	16.7	21.3
5 1	16 53.83	−22 3.3	1.547	2.449	13.3	21.1
5 11	16 47.47	−22 0.4	1.483	2.446	9.2	20.8
5 21	16 38.88	−21 53.2	1.443	2.444	4.6	20.5
5 31	16 29.07	−21 42.4	1.428	2.442	0.3	20.2
6 10	16 19.35	−21 29.6	1.439	2.439	5.2	20.6
6 20	16 10.90	−21 17.6	1.475	2.438	9.8	20.8
6 30	16 4.70	−21 9.4	1.533	2.436	13.9	21.1

106814 2000 XN_{42} 5 30.4 225°.12 5°.2/ 1.2 18

4 21	17 0.97	−38 31.0	2.921	3.661	11.9	20.1
5 1	16 55.79	−39 20.5	2.816	3.651	10.1	19.9
5 11	16 48.40	−40 1.4	2.734	3.641	8.1	19.8
5 21	16 39.25	−40 30.5	2.676	3.631	6.2	19.6
5 31	16 29.05	−40 45.1	2.645	3.620	5.2	19.5
6 10	16 18.75	−40 44.8	2.643	3.609	5.8	19.6
6 20	16 9.25	−40 30.9	2.668	3.597	7.6	19.7
6 30	16 1.36	−40 6.7	2.718	3.585	9.8	19.8

356829 2011 UF_{404} 5 30.4 164°.69 8°.2/25.2 18

4 21	16 53.24	+10 4.2	3.250	3.980	11.0	21.4
5 1	16 48.82	+11 3.3	3.184	3.985	9.8	21.4
5 11	16 43.08	+11 51.3	3.139	3.991	8.8	21.3
5 21	16 36.39	+12 24.8	3.119	3.995	8.2	21.3
5 31	16 29.26	+12 41.1	3.123	3.999	8.3	21.3
6 10	16 22.24	+12 39.0	3.152	4.003	8.9	21.3
6 20	16 15.81	+12 18.9	3.204	4.006	10.0	21.4
6 30	16 10.43	+11 42.4	3.278	4.008	11.2	21.5

236894 2007 TN_{14} 5 30.4 163°.97 0°.1/30.3 18

4 21	16 51.27	−21 43.3	3.755	4.542	8.7	21.9
5 1	16 47.24	−21 40.0	3.662	4.545	6.8	21.7
5 11	16 41.99	−21 34.5	3.593	4.549	4.7	21.6
5 21	16 35.86	−21 27.0	3.552	4.551	2.3	21.4
5 31	16 29.30	−21 18.0	3.540	4.554	0.2	21.2
6 10	16 22.79	−21 8.5	3.558	4.557	2.6	21.4
6 20	16 16.80	−20 59.3	3.605	4.559	5.0	21.6
6 30	16 11.73	−20 51.7	3.679	4.561	7.1	21.7

374379 2005 UD_{405} 5 30.4 212°.02 0°.0/30.4 17

4 21	16 59.48	−21 26.7	2.040	2.842	14.4	22.0
5 1	16 54.93	−21 35.4	1.946	2.837	11.5	21.8
5 11	16 47.94	−21 41.7	1.874	2.832	7.9	21.6
5 21	16 39.05	−21 44.9	1.827	2.827	4.0	21.3
5 31	16 29.09	−21 45.2	1.807	2.821	0.3	21.0
6 10	16 19.13	−21 43.5	1.816	2.815	4.5	21.3
6 20	16 10.18	−21 41.3	1.851	2.808	8.5	21.6
6 30	16 3.10	−21 41.1	1.910	2.801	12.1	21.8

314660 2006 PG_{23} 5 30.4 337°.54 1°.1/30.2 17

4 21	16 50.84	−19 22.4	1.089	1.951	20.5	20.0
5 1	16 50.09	−19 29.2	1.008	1.934	16.4	19.6
5 11	16 45.76	−19 34.9	0.945	1.918	11.5	19.3
5 21	16 38.37	−19 40.1	0.901	1.904	5.8	18.9
5 31	16 29.11	−19 45.7	0.878	1.891	1.2	18.6
6 10	16 19.70	−19 53.2	0.877	1.880	6.9	18.9
6 20	16 11.85	−20 4.7	0.896	1.870	12.8	19.2
6 30	16 6.97	−20 22.7	0.935	1.862	18.1	19.4

277632 2006 BQ_{69} 5 30.4 73°.88 2°.4/31.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 59.09	−27 36.5	1.798	2.602	16.0	20.8
5 1	16 54.93	−27 55.3	1.722	2.611	12.8	20.6
5 11	16 48.04	−28 6.9	1.666	2.620	9.1	20.4
5 21	16 39.09	−28 9.3	1.634	2.629	5.1	20.2
5 31	16 29.09	−28 1.9	1.628	2.639	2.4	20.0
6 10	16 19.29	−27 45.8	1.649	2.648	5.0	20.2
6 20	16 10.80	−27 24.3	1.695	2.657	8.9	20.5
6 30	16 4.52	−27 1.4	1.766	2.666	12.5	20.7

394679 2008 CE_{94} 5 30.4 158°.52 3°.9/ 1.1 16

4 21	16 59.12	−34 38.2	2.753	3.513	12.1	22.2
5 1	16 54.14	−35 6.9	2.663	3.518	10.0	22.0
5 11	16 47.10	−35 27.2	2.595	3.523	7.6	21.9
5 21	16 38.52	−35 36.7	2.553	3.527	5.2	21.7
5 31	16 29.13	−35 34.1	2.538	3.531	3.9	21.6
6 10	16 19.82	−35 19.9	2.552	3.535	4.8	21.7
6 20	16 11.41	−34 56.2	2.593	3.539	7.0	21.8
6 30	16 4.60	−34 26.4	2.660	3.542	9.5	22.0

150608 2000 XG_{40} 5 30.4 190°.09 6°.7/ 3.4 18 R

4 21	17 2.38	−46 34.0	2.918	3.620	12.7	20.5
5 1	16 56.94	−47 0.0	2.822	3.619	11.1	20.3
5 11	16 49.13	−47 12.2	2.747	3.617	9.3	20.2
5 21	16 39.54	−47 6.9	2.695	3.616	7.7	20.1
5 31	16 29.07	−46 42.2	2.668	3.614	6.8	20.0
6 10	16 18.77	−45 58.5	2.668	3.611	7.0	20.0
6 20	16 9.60	−44 58.9	2.695	3.608	8.2	20.1
6 30	16 2.35	−43 48.3	2.747	3.605	9.9	20.2

179539 2002 CP_{241} 5 30.4 59°.74 4°.7/28.3 17

4 21	16 53.40	−10 26.9	2.163	2.973	13.5	20.1
5 1	16 49.60	− 9 35.6	2.096	2.987	10.8	20.0
5 11	16 43.91	− 8 47.1	2.051	3.001	7.9	19.8
5 21	16 36.88	− 8 4.6	2.031	3.016	5.4	19.7
5 31	16 29.25	− 7 31.3	2.038	3.030	4.8	19.7
6 10	16 21.84	− 7 9.5	2.072	3.045	6.6	19.8
6 20	16 15.36	− 7 0.6	2.131	3.060	9.3	20.0
6 30	16 10.41	− 7 4.5	2.214	3.075	11.9	20.2

106675 2000 WC_{152} 5 30.4 150°.43 5°.0/28.4 18

4 21	16 54.55	− 4 29.5	2.837	3.620	11.3	20.2
5 1	16 50.06	− 4 4.6	2.758	3.627	9.2	20.0
5 11	16 44.03	− 3 45.6	2.702	3.633	7.1	19.9
5 21	16 36.91	− 3 34.9	2.672	3.640	5.4	19.8
5 31	16 29.26	− 3 34.2	2.669	3.645	5.0	19.8
6 10	16 21.71	− 3 44.6	2.695	3.651	6.2	19.8
6 20	16 14.84	− 4 6.1	2.747	3.656	8.2	20.0
6 30	16 9.17	− 4 37.9	2.824	3.661	10.3	20.1

286439 2002 AG_{40} 5 30.4 108°.23 4°.5/28.6 18

4 21	16 54.12	− 8 46.8	2.397	3.197	12.6	20.4
5 1	16 50.04	− 8 16.7	2.319	3.204	10.1	20.2
5 11	16 44.19	− 7 50.7	2.264	3.211	7.5	20.0
5 21	16 37.03	− 7 31.2	2.235	3.217	5.2	19.9
5 31	16 29.25	− 7 20.5	2.232	3.223	4.5	19.9
6 10	16 21.59	− 7 20.1	2.257	3.230	6.2	20.0
6 20	16 14.75	− 7 30.5	2.308	3.236	8.7	20.2
6 30	16 9.31	− 7 51.5	2.384	3.242	11.3	20.3

93721 2000 VN_{39} 5 30.4 261°.67 0°.4/30.2 18

4 21	16 57.17	−22 22.4	1.935	2.745	14.9	20.4
5 1	16 53.30	−22 3.8	1.836	2.731	11.8	20.1
5 11	16 46.93	−21 39.7	1.757	2.718	8.2	19.9
5 21	16 38.59	−21 10.4	1.703	2.704	4.1	19.6
5 31	16 29.14	−20 37.3	1.676	2.690	0.6	19.3
6 10	16 19.66	−20 2.9	1.676	2.675	4.8	19.6
6 20	16 11.22	−19 30.7	1.702	2.661	9.1	19.8
6 30	16 4.69	−19 4.0	1.752	2.646	12.9	20.0

17372 1981 DV 5 30.4 125°.39 5°.2/27.9 18

4 21	16 55.95	−12 20.2	1.882	2.697	15.0	18.6
5 1	16 51.98	−11 4.3	1.806	2.701	12.0	18.4
5 11	16 45.75	− 9 48.0	1.751	2.705	8.8	18.2
5 21	16 37.87	− 8 35.8	1.722	2.709	5.9	18.0
5 31	16 29.20	− 7 32.7	1.719	2.713	5.3	18.0
6 10	16 20.73	− 6 43.1	1.743	2.717	7.6	18.1
6 20	16 13.35	− 6 9.7	1.792	2.721	10.7	18.3
6 30	16 7.78	− 5 53.6	1.864	2.724	13.8	18.5

4726 Federer 5 30.4 310°.71 0°.9/30.7 18

4 21	16 56.08	−25 2.3	1.817	2.630	15.5	17.0
5 1	16 52.62	−24 59.5	1.727	2.623	12.4	16.8
5 11	16 46.54	−24 50.2	1.657	2.616	8.7	16.6
5 21	16 38.41	−24 33.8	1.610	2.610	4.5	16.3
5 31	16 29.16	−24 10.8	1.590	2.603	0.9	16.0
6 10	16 19.97	−23 43.2	1.596	2.597	4.8	16.3
6 20	16 11.91	−23 14.3	1.628	2.591	9.0	16.5
6 30	16 5.92	−22 47.9	1.683	2.585	12.9	16.8

433424 2013 TK_{75} 5 30.4 117°.17 0°.5/30.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 57.94	−22 12.2	1.982	2.788	14.7	21.8
5 1	16 53.56	−21 51.9	1.903	2.797	11.6	21.6
5 11	16 46.85	−21 26.6	1.847	2.806	7.9	21.4
5 21	16 38.42	−20 57.0	1.815	2.815	3.9	21.2
5 31	16 29.17	−20 24.7	1.810	2.824	0.6	21.0
6 10	16 20.14	−19 52.4	1.833	2.832	4.6	21.3
6 20	16 12.24	−19 22.9	1.882	2.840	8.4	21.5
6 30	16 6.23	−18 59.2	1.956	2.848	11.9	21.8

269007 2007 EX_{130} 5 30.4 121°.98 1°.8/29.7 17

4 21	16 59.08	−18 10.0	1.999	2.805	14.6	22.1
5 1	16 54.32	−17 47.1	1.925	2.819	11.5	21.9
5 11	16 47.29	−17 22.3	1.873	2.832	7.9	21.7
5 21	16 38.61	−16 56.9	1.846	2.845	4.1	21.5
5 31	16 29.16	−16 32.7	1.846	2.857	1.9	21.3
6 10	16 19.95	−16 12.2	1.874	2.869	5.0	21.6
6 20	16 11.86	−15 57.3	1.929	2.880	8.7	21.8
6 30	16 5.63	−15 49.8	2.008	2.891	12.0	22.0

9842 Funakoshi 5 30.4 82°.15 0°.7/30.6 18

4 21	17 1.34	−23 11.7	1.381	2.206	19.0	17.6
5 1	16 57.36	−23 22.9	1.313	2.216	15.1	17.4
5 11	16 50.06	−23 29.2	1.263	2.226	10.4	17.1
5 21	16 40.20	−23 29.4	1.236	2.237	5.3	16.8
5 31	16 29.05	−23 23.2	1.233	2.247	0.7	16.5
6 10	16 18.19	−23 12.6	1.256	2.257	5.7	16.9
6 20	16 9.02	−23 0.6	1.303	2.268	10.6	17.2
6 30	16 2.57	−22 51.1	1.371	2.278	15.0	17.5

401226 2012 AE_6 5 30.4 262°.13 3°.8/29.3 17

4 21	17 0.09	−14 15.5	1.670	2.485	16.6	21.5
5 1	16 56.09	−13 50.2	1.566	2.464	13.4	21.2
5 11	16 49.20	−13 25.2	1.482	2.441	9.6	20.9
5 21	16 39.88	−13 2.9	1.422	2.417	5.6	20.6
5 31	16 29.06	−12 46.2	1.387	2.393	3.9	20.5
6 10	16 18.00	−12 37.7	1.378	2.369	7.1	20.6
6 20	16 7.96	−12 39.8	1.395	2.343	11.6	20.8
6 30	16 0.09	−12 53.8	1.434	2.318	15.8	21.0

369264 2009 MS 5 30.4 70°.59 2°.4/31.8 18

4 21	17 52.40	−39 48.0	1.352	2.060	24.7	19.7
5 1	17 34.89	−37 31.3	1.298	2.126	19.9	19.5
5 11	17 13.51	−34 38.0	1.266	2.190	14.0	19.3
5 21	16 50.50	−31 9.6	1.264	2.251	7.6	19.1
5 31	16 28.48	−27 19.9	1.299	2.310	2.4	19.0
6 10	16 9.64	−23 31.2	1.371	2.367	6.2	19.3
6 20	15 55.06	−20 4.2	1.477	2.422	11.4	19.8
6 30	15 44.97	−17 10.8	1.612	2.474	15.5	20.2

462804 2010 QU 5 30.4 336°.03 2°.2/30.8 17

4 21	16 51.55	−24 34.1	1.070	1.928	21.0	20.6
5 1	16 50.95	−25 4.8	0.989	1.911	17.0	20.3
5 11	16 46.57	−25 30.7	0.925	1.895	12.1	19.9
5 21	16 38.88	−25 49.3	0.879	1.881	6.5	19.6
5 31	16 29.14	−25 58.6	0.855	1.868	2.2	19.3
6 10	16 19.19	−25 58.8	0.852	1.856	6.9	19.5
6 20	16 10.91	−25 52.9	0.870	1.846	12.8	19.8
6 30	16 5.83	−25 46.0	0.906	1.838	18.2	20.0

492249 2013 UD_5 5 30.4 119°.31 11°.4/30.0 18

4 21	17 19.57	−33 36.8	1.143	1.939	23.8	21.3
5 1	17 14.49	−36 39.7	1.077	1.948	20.1	21.1
5 11	17 3.87	−39 41.4	1.029	1.957	16.1	20.9
5 21	16 48.00	−42 25.1	1.002	1.966	12.7	20.7
5 31	16 28.52	−44 32.2	0.999	1.974	11.4	20.7
6 10	16 8.38	−45 52.3	1.020	1.982	13.2	20.8
6 20	15 50.78	−46 27.0	1.063	1.989	16.6	21.0
6 30	15 38.14	−46 28.8	1.125	1.996	20.2	21.3

441806 2009 HJ_{24} 5 30.4 0°.65 9°.9/25.2 17

4 21	16 49.63	− 2 46.4	1.638	2.462	16.5	20.4
5 1	16 47.37	− 0 54.7	1.572	2.460	13.9	20.2
5 11	16 42.79	+ 0 50.0	1.526	2.459	11.5	20.1
5 21	16 36.49	+ 2 19.8	1.504	2.458	10.0	20.0
5 31	16 29.34	+ 3 27.3	1.505	2.459	10.2	20.0
6 10	16 22.35	+ 4 7.8	1.528	2.461	11.9	20.1
6 20	16 16.43	+ 4 20.0	1.573	2.464	14.3	20.3
6 30	16 12.35	+ 4 5.5	1.637	2.468	16.8	20.4

492316 2014 BB_{25} 5 30.4 219°.31 16°.2/26.9 18

4 21	17 4.95	+12 12.3	1.432	2.192	21.4	21.8
5 1	17 0.05	+13 33.9	1.362	2.184	19.4	21.6
5 11	16 51.91	+14 32.5	1.308	2.176	17.6	21.5
5 21	16 41.19	+14 57.9	1.272	2.167	16.4	21.4
5 31	16 29.02	+14 41.6	1.256	2.157	16.3	21.3
6 10	16 16.91	+13 40.9	1.261	2.146	17.4	21.4
6 20	16 6.23	+11 59.4	1.286	2.134	19.4	21.5
6 30	15 58.12	+ 9 44.8	1.328	2.122	21.8	21.6

64835 2001 XH_{254} 5 30.4 130°.65 6°.5/29.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 58.79	− 4 40.2	1.848	2.649	15.8	19.0
5 1	16 54.30	− 4 20.0	1.772	2.653	13.0	18.8
5 11	16 47.43	− 4 9.2	1.717	2.657	10.0	18.6
5 21	16 38.77	− 4 10.9	1.685	2.660	7.4	18.5
5 31	16 29.20	− 4 27.8	1.679	2.664	6.6	18.5
6 10	16 19.75	− 5 0.5	1.699	2.667	8.3	18.6
6 20	16 11.39	− 5 48.1	1.745	2.670	11.1	18.7
6 30	16 4.91	− 6 48.4	1.813	2.674	14.1	18.9

437032 2012 TV_{302} 5 30.4 251°.63 0°.7/30.1 17

4 21	16 56.73	−20 19.9	2.073	2.881	14.1	21.6
5 1	16 52.72	−20 14.7	1.978	2.873	11.2	21.4
5 11	16 46.41	−20 7.1	1.905	2.865	7.7	21.1
5 21	16 38.31	−19 57.1	1.857	2.857	3.8	20.9
5 31	16 29.22	−19 45.8	1.835	2.849	0.8	20.6
6 10	16 20.14	−19 34.5	1.842	2.840	4.6	20.9
6 20	16 12.01	−19 25.4	1.875	2.832	8.5	21.1
6 30	16 5.64	−19 20.5	1.932	2.823	12.0	21.3

508950 2004 SK_{53} 5 30.4 228°.61 2°.4/31.3 17

4 21	17 0.78	−29 36.4	2.571	3.345	12.6	23.1
5 1	16 55.65	−29 48.8	2.460	3.330	10.2	22.9
5 11	16 48.31	−29 54.3	2.371	3.315	7.4	22.7
5 21	16 39.24	−29 51.1	2.308	3.298	4.4	22.5
5 31	16 29.16	−29 38.5	2.274	3.281	2.4	22.3
6 10	16 19.02	−29 17.0	2.268	3.264	4.2	22.4
6 20	16 9.72	−28 49.1	2.291	3.245	7.4	22.6
6 30	16 2.04	−28 18.1	2.340	3.226	10.4	22.8

423900 2006 SW_{200} 5 30.4 212°.82 0°.3/30.5 17

4 21	17 0.47	−23 33.8	2.037	2.835	14.6	22.6
5 1	16 55.76	−23 28.7	1.940	2.829	11.6	22.4
5 11	16 48.55	−23 18.4	1.865	2.821	8.1	22.2
5 21	16 39.39	−23 2.5	1.814	2.814	4.1	21.9
5 31	16 29.15	−22 41.5	1.791	2.805	0.4	21.6
6 10	16 18.93	−22 17.1	1.796	2.796	4.5	21.9
6 20	16 9.76	−21 52.2	1.828	2.786	8.6	22.1
6 30	16 2.52	−21 30.1	1.884	2.775	12.3	22.3

347403 2012 SN_{17} 5 30.4 238°.94 0°.2/30.5 17

4 21	16 57.04	−23 21.0	2.108	2.911	14.0	21.9
5 1	16 52.95	−23 13.6	2.012	2.904	11.1	21.7
5 11	16 46.55	−23 1.2	1.939	2.897	7.7	21.5
5 21	16 38.37	−22 43.7	1.890	2.890	3.9	21.2
5 31	16 29.22	−22 21.9	1.868	2.882	0.3	20.9
6 10	16 20.11	−21 57.6	1.875	2.875	4.3	21.2
6 20	16 11.98	−21 33.4	1.908	2.867	8.2	21.5
6 30	16 5.62	−21 12.4	1.965	2.859	11.7	21.7

126855 2002 EB_{75} 5 30.4 77°.77 1°.0/30.8 17

4 21	16 57.46	−25 22.9	1.854	2.663	15.4	20.2
5 1	16 53.58	−25 18.4	1.770	2.663	12.3	20.0
5 11	16 47.11	−25 7.1	1.705	2.664	8.6	19.8
5 21	16 38.67	−24 48.4	1.665	2.664	4.4	19.5
5 31	16 29.21	−24 22.9	1.652	2.665	1.0	19.3
6 10	16 19.87	−23 52.9	1.665	2.665	4.7	19.5
6 20	16 11.73	−23 21.7	1.704	2.666	8.8	19.8
6 30	16 5.64	−22 53.1	1.767	2.667	12.5	20.0

250650 2005 JX_{178} 5 30.4 73°.99 2°.7/29.6 18

4 21	16 58.73	−17 23.4	1.489	2.316	17.7	20.8
5 1	16 54.80	−16 54.1	1.424	2.328	14.0	20.6
5 11	16 48.01	−16 23.3	1.378	2.341	9.7	20.4
5 21	16 39.09	−15 53.0	1.355	2.354	5.1	20.1
5 31	16 29.18	−15 26.1	1.357	2.368	2.8	20.0
6 10	16 19.60	−15 5.7	1.385	2.381	6.3	20.3
6 20	16 11.50	−14 54.2	1.438	2.394	10.7	20.6
6 30	16 5.75	−14 53.3	1.512	2.407	14.5	20.8

368925 2006 UU_{323} 5 30.4 57°.20 4°.4/28.9 17

4 21	16 56.79	−14 33.5	1.470	2.301	17.7	21.0
5 1	16 53.30	−13 42.5	1.403	2.309	14.1	20.8
5 11	16 47.01	−12 51.3	1.355	2.317	10.0	20.5
5 21	16 38.62	−12 3.7	1.330	2.325	6.0	20.3
5 31	16 29.22	−11 24.0	1.330	2.334	4.6	20.3
6 10	16 20.10	−10 56.2	1.355	2.343	7.5	20.4
6 20	16 12.39	−10 42.7	1.403	2.351	11.5	20.7
6 30	16 6.96	−10 44.4	1.473	2.360	15.3	20.9

500789 2013 EC_{120} 5 30.4 336°.07 7°.3/31.9 17

4 21	16 57.51	−33 47.6	1.183	2.010	21.4	20.5
5 1	16 55.78	−34 49.6	1.105	2.001	17.9	20.3
5 11	16 49.94	−35 39.8	1.044	1.993	13.8	20.0
5 21	16 40.57	−36 11.1	1.001	1.985	9.7	19.7
5 31	16 29.07	−36 17.8	0.980	1.979	7.3	19.6
6 10	16 17.48	−35 58.9	0.981	1.973	9.0	19.6
6 20	16 7.81	−35 19.2	1.004	1.968	13.1	19.8
6 30	16 1.63	−34 27.8	1.045	1.964	17.5	20.1

505731 2015 BZ_4 5 30.4 32°.70 2°.6/31.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 57.29	−31 13.5	1.472	2.287	18.4	20.3
5 1	16 54.05	−30 47.3	1.400	2.295	14.9	20.1
5 11	16 47.68	−30 5.7	1.348	2.304	10.6	19.8
5 21	16 38.97	−29 8.1	1.318	2.313	6.1	19.6
5 31	16 29.20	−27 56.2	1.312	2.323	2.6	19.4
6 10	16 19.84	−26 35.6	1.332	2.333	5.5	19.6
6 20	16 12.15	−25 13.6	1.377	2.344	9.9	19.9
6 30	16 7.03	−23 57.3	1.444	2.355	14.0	20.2

500845 2013 HK_{61} 5 30.4 61°.79 0°.1/30.4 17

4 21	16 59.00	−23 43.8	1.408	2.235	18.5	21.8
5 1	16 55.55	−23 22.6	1.330	2.235	14.8	21.6
5 11	16 48.87	−22 53.3	1.272	2.236	10.2	21.3
5 21	16 39.67	−22 16.1	1.235	2.236	5.1	21.0
5 31	16 29.16	−21 33.0	1.223	2.237	0.4	20.7
6 10	16 18.85	−20 48.0	1.236	2.237	5.8	21.1
6 20	16 10.10	−20 6.2	1.273	2.238	10.9	21.4
6 30	16 3.98	−19 32.3	1.332	2.238	15.3	21.6

224950 2007 DX_{115} 5 30.4 68°.16 7°.6/27.2 17

4 21	16 55.70	− 7 6.3	1.647	2.466	16.6	20.5
5 1	16 52.00	− 5 39.4	1.585	2.477	13.6	20.4
5 11	16 45.86	− 4 17.5	1.544	2.488	10.5	20.2
5 21	16 37.97	− 3 6.7	1.526	2.500	8.1	20.1
5 31	16 29.28	− 2 13.0	1.533	2.511	7.8	20.1
6 10	16 20.88	− 1 40.4	1.565	2.523	9.7	20.2
6 20	16 13.71	− 1 30.0	1.621	2.534	12.6	20.4
6 30	16 8.52	− 1 40.8	1.697	2.546	15.4	20.6

481219 2005 VA_{50} 5 30.4 206°.85 3°.7/27.8 16

4 21	16 54.53	−13 16.8	2.797	3.593	11.1	22.4
5 1	16 50.14	−12 3.2	2.703	3.588	8.9	22.2
5 11	16 44.17	−10 48.0	2.634	3.584	6.4	22.1
5 21	16 37.04	− 9 34.1	2.593	3.579	4.3	21.9
5 31	16 29.35	− 8 25.2	2.580	3.574	3.8	21.9
6 10	16 21.75	− 7 24.5	2.597	3.569	5.6	22.0
6 20	16 14.86	− 6 34.6	2.642	3.563	8.0	22.1
6 30	16 9.21	− 5 57.3	2.712	3.557	10.5	22.3

418077 2007 VQ_{269} 5 30.4 207°.95 2°.4/29.7 17

4 21	17 0.26	−16 27.8	1.812	2.622	15.7	21.7
5 1	16 55.77	−16 12.1	1.722	2.618	12.5	21.5
5 11	16 48.65	−15 56.0	1.654	2.613	8.7	21.3
5 21	16 39.48	−15 40.9	1.609	2.607	4.7	21.0
5 31	16 29.18	−15 28.4	1.591	2.601	2.5	20.9
6 10	16 18.91	−15 20.6	1.601	2.595	5.8	21.1
6 20	16 9.76	−15 19.3	1.636	2.588	9.9	21.3
6 30	16 2.65	−15 26.2	1.695	2.580	13.7	21.5

136740 1995 VW_{14} 5 30.4 167°.96 0°.4/30.2 18

4 21	16 55.23	−21 54.2	2.700	3.494	11.5	21.2
5 1	16 50.85	−21 37.3	2.610	3.497	9.1	21.0
5 11	16 44.74	−21 16.6	2.543	3.500	6.2	20.8
5 21	16 37.35	−20 52.8	2.503	3.502	3.1	20.6
5 31	16 29.33	−20 27.0	2.491	3.504	0.5	20.4
6 10	16 21.42	−20 0.9	2.508	3.506	3.6	20.7
6 20	16 14.28	−19 36.4	2.553	3.507	6.7	20.9
6 30	16 8.51	−19 15.7	2.624	3.508	9.5	21.0

276524 2003 RT_{20} 5 30.4 279°.24 3°.9/28.9 17

4 21	16 55.79	−13 20.6	1.979	2.792	14.5	21.0
5 1	16 52.13	−12 45.9	1.875	2.770	11.6	20.8
5 11	16 46.13	−12 11.3	1.791	2.748	8.4	20.5
5 21	16 38.25	−11 39.6	1.733	2.726	5.2	20.3
5 31	16 29.27	−11 13.5	1.700	2.703	4.0	20.2
6 10	16 20.16	−10 56.2	1.695	2.680	6.6	20.3
6 20	16 11.91	−10 49.6	1.715	2.657	10.2	20.4
6 30	16 5.40	−10 55.0	1.758	2.634	13.7	20.6

440109 2003 KR_5 5 30.4 30°.97 3°.6/29.5 17

4 21	16 54.91	−11 49.0	1.917	2.733	14.7	20.7
5 1	16 51.19	−11 43.7	1.845	2.742	11.7	20.5
5 11	16 45.26	−11 42.6	1.795	2.751	8.3	20.3
5 21	16 37.69	−11 47.5	1.768	2.761	5.0	20.2
5 31	16 29.32	−11 59.5	1.768	2.772	3.6	20.1
6 10	16 21.11	−12 19.5	1.794	2.783	5.9	20.3
6 20	16 13.94	−12 47.5	1.846	2.794	9.2	20.5
6 30	16 8.52	−13 23.0	1.922	2.806	12.4	20.7

370182 2002 CO_{60} 5 30.4 175°.76 2°.2/31.2 17

4 21	17 1.17	−28 31.9	2.404	3.183	13.2	22.4
5 1	16 55.94	−28 47.0	2.312	3.186	10.6	22.2
5 11	16 48.46	−28 55.5	2.242	3.188	7.6	22.0
5 21	16 39.29	−28 55.9	2.198	3.190	4.4	21.8
5 31	16 29.22	−28 47.3	2.182	3.191	2.2	21.7
6 10	16 19.23	−28 30.8	2.194	3.191	4.2	21.8
6 20	16 10.22	−28 8.6	2.235	3.190	7.4	22.0
6 30	16 2.96	−27 44.1	2.301	3.189	10.5	22.2

72089 2000 YP_{43} 5 30.4 169°.66 2°.9/29.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 59.18	−15 54.7	1.622	2.441	16.8	19.7
5 1	16 55.13	−15 35.6	1.542	2.443	13.4	19.5
5 11	16 48.30	−15 16.7	1.483	2.444	9.4	19.2
5 21	16 39.33	−14 59.8	1.447	2.445	5.1	19.0
5 31	16 29.22	−14 46.8	1.436	2.445	3.0	18.8
6 10	16 19.24	−14 40.2	1.452	2.446	6.3	19.0
6 20	16 10.53	−14 41.7	1.493	2.446	10.5	19.3
6 30	16 4.04	−14 52.5	1.556	2.446	14.4	19.5

177688 2005 EY_{279} 5 30.4 334°.55 4°.8/29.5 17

4 21	16 55.49	−12 0.1	1.318	2.157	18.8	20.1
5 1	16 52.92	−11 43.1	1.239	2.149	15.2	19.9
5 11	16 47.21	−11 30.9	1.178	2.141	11.0	19.6
5 21	16 38.95	−11 26.9	1.139	2.134	6.7	19.3
5 31	16 29.24	−11 33.9	1.123	2.128	4.9	19.2
6 10	16 19.53	−11 53.8	1.130	2.122	8.0	19.4
6 20	16 11.20	−12 26.8	1.160	2.117	12.6	19.6
6 30	16 5.37	−13 12.2	1.211	2.112	16.9	19.8

259660 2003 WS_{129} 5 30.4 179°.56 3°.0/31.3 17

4 21	17 2.85	−29 21.7	1.897	2.687	15.8	21.7
5 1	16 57.97	−29 44.6	1.809	2.689	12.8	21.5
5 11	16 50.25	−29 59.6	1.742	2.690	9.3	21.3
5 21	16 40.31	−30 4.1	1.699	2.690	5.5	21.0
5 31	16 29.17	−29 56.4	1.682	2.690	3.0	20.9
6 10	16 18.10	−29 37.6	1.693	2.689	5.3	21.0
6 20	16 8.32	−29 10.7	1.730	2.688	9.0	21.2
6 30	16 0.78	−28 40.5	1.791	2.686	12.6	21.5

72767 2001 FJ_{145} 5 30.4 285°.00 3°.6/29.0 17

4 21	16 55.04	−14 25.7	1.911	2.728	14.7	19.4
5 1	16 51.46	−13 49.0	1.823	2.721	11.8	19.2
5 11	16 45.58	−13 12.0	1.756	2.715	8.3	19.0
5 21	16 37.93	−12 37.4	1.713	2.708	5.0	18.8
5 31	16 29.32	−12 8.2	1.697	2.702	3.7	18.7
6 10	16 20.78	−11 47.3	1.708	2.695	6.3	18.8
6 20	16 13.23	−11 36.6	1.743	2.689	9.9	19.0
6 30	16 7.46	−11 37.5	1.802	2.683	13.3	19.2

345901 2007 RB_{108} 5 30.4 295°.60 4°.1/31.6 17

4 21	16 57.84	−31 36.7	1.886	2.681	15.7	21.0
5 1	16 54.35	−32 5.5	1.783	2.663	12.9	20.7
5 11	16 48.02	−32 25.7	1.699	2.644	9.6	20.5
5 21	16 39.33	−32 34.0	1.639	2.626	6.2	20.3
5 31	16 29.23	−32 28.2	1.604	2.608	4.1	20.1
6 10	16 18.97	−32 8.5	1.596	2.589	5.9	20.1
6 20	16 9.82	−31 37.7	1.612	2.571	9.5	20.3
6 30	16 2.86	−31 1.0	1.652	2.553	13.2	20.5

18918 Nishashah 5 30.4 317°.65 1°.3/30.6 18

4 21	16 56.11	−22 10.0	1.216	2.059	19.9	17.6
5 1	16 54.27	−22 47.1	1.125	2.039	16.1	17.3
5 11	16 48.76	−23 24.1	1.052	2.020	11.4	16.9
5 21	16 40.03	−23 58.9	0.999	2.001	5.9	16.6
5 31	16 29.17	−24 29.0	0.969	1.983	1.4	16.2
6 10	16 17.93	−24 53.3	0.962	1.965	6.6	16.5
6 20	16 8.10	−25 12.7	0.977	1.949	12.4	16.7
6 30	16 1.26	−25 30.2	1.012	1.933	17.7	17.0

292929 2006 VO_{69} 5 30.4 112°.37 0°.6/30.2 18

4 21	16 56.78	−19 3.0	2.389	3.189	12.7	20.9
5 1	16 52.32	−19 15.3	2.304	3.195	10.0	20.7
5 11	16 45.90	−19 27.0	2.243	3.200	6.9	20.5
5 21	16 38.00	−19 38.2	2.206	3.206	3.4	20.3
5 31	16 29.34	−19 48.8	2.198	3.212	0.7	20.1
6 10	16 20.75	−19 59.4	2.219	3.217	4.0	20.3
6 20	16 13.02	−20 10.9	2.267	3.223	7.3	20.6
6 30	16 6.82	−20 24.3	2.340	3.228	10.3	20.8

63090 2000 WY_{139} 5 30.4 302°.53 0°.3/30.3 18

4 21	16 56.50	−21 42.5	1.360	2.195	18.6	19.9
5 1	16 54.03	−21 40.6	1.267	2.177	15.0	19.6
5 11	16 48.22	−21 34.2	1.192	2.159	10.5	19.3
5 21	16 39.59	−21 23.2	1.139	2.141	5.3	19.0
5 31	16 29.22	−21 8.1	1.109	2.123	0.5	18.6
6 10	16 18.65	−20 51.2	1.104	2.106	6.2	18.9
6 20	16 9.43	−20 35.9	1.121	2.089	11.7	19.2
6 30	16 2.85	−20 26.3	1.160	2.072	16.6	19.4

140591 2001 TL_{232} 5 30.4 216°.72 3°.3/29.4 18

4 21	16 55.93	−12 1.0	2.319	3.121	12.9	19.7
5 1	16 51.70	−11 50.7	2.229	3.118	10.3	19.5
5 11	16 45.50	−11 43.5	2.162	3.115	7.4	19.3
5 21	16 37.83	−11 40.7	2.120	3.112	4.5	19.1
5 31	16 29.36	−11 43.9	2.106	3.109	3.3	19.0
6 10	16 20.93	−11 54.1	2.119	3.105	5.4	19.1
6 20	16 13.32	−12 11.9	2.160	3.102	8.4	19.3
6 30	16 7.19	−12 37.3	2.225	3.098	11.4	19.5

479090 2013 AU_{116} 5 30.4 134.°86 3.°9/29.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 55.01	− 9 24.4	2.498	3.296	12.2	21.4
5 1	16 50.73	− 9 9.3	2.416	3.300	9.8	21.2
5 11	16 44.70	− 8 58.5	2.357	3.304	7.2	21.1
5 21	16 37.37	− 8 53.6	2.323	3.308	4.8	20.9
5 31	16 29.40	− 8 56.3	2.316	3.312	3.9	20.9
6 10	16 21.51	− 9 7.6	2.338	3.316	5.6	21.0
6 20	16 14.40	− 9 27.7	2.387	3.320	8.2	21.2
6 30	16 8.65	− 9 56.3	2.460	3.323	10.8	21.3

322986 2002 NN_{72} 5 30.4 321.°51 5.°8/28.7 17

4 21	16 54.68	−11 33.7	1.371	2.209	18.3	20.9
5 1	16 52.13	−10 47.9	1.290	2.199	14.8	20.6
5 11	16 46.58	−10 4.4	1.228	2.189	10.9	20.3
5 21	16 38.62	− 9 27.9	1.188	2.180	7.2	20.1
5 31	16 29.31	− 9 3.1	1.171	2.171	6.0	20.0
6 10	16 20.01	− 8 54.1	1.178	2.163	8.8	20.1
6 20	16 12.02	− 9 2.6	1.207	2.155	13.0	20.3
6 30	16 6.41	− 9 28.5	1.256	2.148	17.1	20.6

57316 2001 QD_{233} 5 30.4 162.°35 3.°1/28.8 18

4 21	16 54.95	−12 21.7	2.814	3.608	11.1	20.2
5 1	16 50.46	−11 48.6	2.729	3.613	8.8	20.1
5 11	16 44.38	−11 16.7	2.668	3.618	6.3	19.9
5 21	16 37.18	−10 47.9	2.634	3.623	4.0	19.8
5 31	16 29.42	−10 24.1	2.628	3.627	3.2	19.7
6 10	16 21.76	−10 7.0	2.652	3.631	4.9	19.8
6 20	16 14.82	− 9 57.9	2.702	3.635	7.4	20.0
6 30	16 9.10	− 9 57.3	2.778	3.637	9.8	20.2

167738 2004 XD_{25} 5 30.4 170.°59 2.°6/29.7 17

4 21	17 1.85	−15 25.6	1.891	2.694	15.4	20.9
5 1	16 56.81	−15 15.4	1.807	2.698	12.2	20.7
5 11	16 49.25	−15 6.1	1.745	2.702	8.5	20.5
5 21	16 39.76	−14 58.9	1.708	2.705	4.7	20.2
5 31	16 29.26	−14 55.1	1.697	2.707	2.6	20.1
6 10	16 18.87	−14 56.2	1.715	2.708	5.6	20.3
6 20	16 9.62	−15 3.5	1.759	2.708	9.5	20.5
6 30	16 2.37	−15 18.0	1.827	2.708	13.1	20.7

148952 2001 XD_{179} 5 30.4 210.°56 3.°4/ 1.3 18

4 21	16 58.13	−34 43.5	2.605	3.370	12.6	20.6
5 1	16 53.48	−34 38.2	2.506	3.366	10.4	20.4
5 11	16 46.74	−34 22.0	2.429	3.362	7.8	20.2
5 21	16 38.43	−33 53.4	2.377	3.357	5.1	20.0
5 31	16 29.35	−33 12.3	2.352	3.352	3.4	19.9
6 10	16 20.40	−32 20.4	2.356	3.347	4.5	20.0
6 20	16 12.41	−31 21.2	2.388	3.342	7.1	20.1
6 30	16 6.09	−30 19.1	2.446	3.337	9.9	20.3

398810 2013 BQ_{39} 5 30.4 277.°45 4.°1/ 1.3 18

4 21	16 57.45	−34 48.8	2.297	3.071	13.9	20.7
5 1	16 53.42	−35 1.4	2.195	3.060	11.5	20.5
5 11	16 46.98	−35 3.3	2.115	3.049	8.7	20.3
5 21	16 38.67	−34 51.9	2.059	3.038	5.9	20.1
5 31	16 29.35	−34 26.2	2.029	3.027	4.2	20.0
6 10	16 20.05	−33 47.3	2.027	3.016	5.3	20.1
6 20	16 11.78	−32 58.5	2.051	3.005	8.1	20.2
6 30	16 5.37	−32 4.5	2.100	2.994	11.1	20.4

216426 2008 WC_{44} 5 30.4 214.°88 1.°0/30.7 18

4 21	16 58.54	−23 48.8	2.055	2.856	14.4	20.7
5 1	16 54.26	−24 6.9	1.964	2.854	11.5	20.4
5 11	16 47.55	−24 21.4	1.895	2.852	8.0	20.2
5 21	16 38.96	−24 31.3	1.851	2.849	4.1	20.0
5 31	16 29.33	−24 35.9	1.834	2.847	1.0	19.7
6 10	16 19.72	−24 35.9	1.844	2.844	4.4	20.0
6 20	16 11.13	−24 32.9	1.882	2.841	8.3	20.2
6 30	16 4.41	−24 29.6	1.943	2.839	11.8	20.4

475471 2006 SC_{93} 5 30.4 251.°92 3.°7/31.6 17

4 21	16 58.93	−31 54.8	2.361	3.138	13.4	22.3
5 1	16 54.52	−32 30.7	2.260	3.129	11.0	22.1
5 11	16 47.74	−32 59.6	2.181	3.119	8.2	21.9
5 21	16 39.08	−33 18.7	2.127	3.109	5.4	21.7
5 31	16 29.33	−33 26.0	2.099	3.099	3.8	21.6
6 10	16 19.50	−33 21.5	2.099	3.089	5.1	21.7
6 20	16 10.58	−33 6.9	2.127	3.079	8.0	21.8
6 30	16 3.45	−32 45.9	2.179	3.068	10.9	22.0

244958 2003 YB_{144} 5 30.4 171.°05 2.°4/31.2 18

4 21	17 0.04	−28 22.6	2.458	3.238	12.9	21.2
5 1	16 55.07	−28 51.4	2.367	3.241	10.4	21.0
5 11	16 47.91	−29 14.7	2.298	3.244	7.5	20.8
5 21	16 39.08	−29 30.7	2.255	3.246	4.4	20.6
5 31	16 29.34	−29 38.0	2.240	3.247	2.4	20.5
6 10	16 19.64	−29 37.0	2.253	3.248	4.3	20.6
6 20	16 10.85	−29 29.4	2.294	3.249	7.3	20.8
6 30	16 3.74	−29 17.9	2.361	3.249	10.2	21.0

457693 2009 EL_4 5 30.4 39.°03 6.°5/28.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 56.24	−10 42.4	1.228	2.070	19.8	20.8
5 1	16 53.33	− 9 50.6	1.170	2.080	15.9	20.6
5 11	16 47.28	− 9 3.6	1.131	2.091	11.6	20.4
5 21	16 38.87	− 8 26.7	1.112	2.103	7.8	20.2
5 31	16 29.36	− 8 4.9	1.117	2.115	6.6	20.2
6 10	16 20.20	− 8 1.3	1.144	2.128	9.3	20.3
6 20	16 12.67	− 8 16.5	1.194	2.141	13.2	20.6
6 30	16 7.69	− 8 49.0	1.263	2.155	17.0	20.9

93140 2000 SC_{72} 5 30.4 172.°85 1.°2/29.9 18

4 21	16 58.81	−18 42.7	2.328	3.125	13.0	20.8
5 1	16 53.97	−18 33.8	2.239	3.128	10.3	20.6
5 11	16 47.07	−18 23.3	2.174	3.130	7.1	20.4
5 21	16 38.62	−18 11.9	2.134	3.133	3.6	20.2
5 31	16 29.38	−18 0.4	2.122	3.134	1.3	20.0
6 10	16 20.23	−17 50.5	2.139	3.135	4.3	20.2
6 20	16 11.99	−17 43.6	2.183	3.135	7.8	20.4
6 30	16 5.35	−17 41.4	2.253	3.135	10.9	20.6

152755 1999 GC_{16} 5 30.4 14.°88 6.°2/31.6 17

4 21	16 58.05	−31 49.2	1.332	2.152	19.7	19.3
5 1	16 55.49	−32 59.8	1.263	2.156	16.2	19.1
5 11	16 49.29	−34 1.3	1.212	2.161	12.3	18.8
5 21	16 40.11	−34 47.6	1.182	2.167	8.3	18.6
5 31	16 29.27	−35 13.9	1.175	2.174	6.2	18.5
6 10	16 18.55	−35 19.4	1.192	2.182	7.9	18.6
6 20	16 9.59	−35 7.4	1.231	2.191	11.6	18.9
6 30	16 3.65	−34 44.4	1.290	2.201	15.4	19.1

435585 2008 RP_{129} 5 30.4 250.°58 3.°0/28.9 17

4 21	16 55.85	−16 49.2	2.055	2.866	14.1	21.6
5 1	16 51.96	−15 55.4	1.960	2.856	11.2	21.3
5 11	16 45.87	−14 58.1	1.888	2.847	7.8	21.1
5 21	16 38.09	−13 59.8	1.841	2.837	4.5	20.9
5 31	16 29.41	−13 4.2	1.821	2.827	3.2	20.8
6 10	16 20.79	−12 15.0	1.828	2.816	5.9	20.9
6 20	16 13.12	−11 35.7	1.862	2.806	9.5	21.1
6 30	16 7.15	−11 8.5	1.919	2.795	12.8	21.3

127184 2002 GG_{170} 5 30.4 144.°94 1.°5/30.9 18

4 21	16 58.83	−25 43.5	1.969	2.770	14.9	20.3
5 1	16 54.57	−25 57.2	1.884	2.773	11.9	20.1
5 11	16 47.80	−26 5.4	1.820	2.775	8.4	19.9
5 21	16 39.09	−26 6.8	1.780	2.777	4.5	19.7
5 31	16 29.36	−26 0.9	1.767	2.780	1.5	19.5
6 10	16 19.73	−25 48.9	1.782	2.781	4.5	19.7
6 20	16 11.22	−25 33.2	1.823	2.783	8.4	19.9
6 30	16 4.70	−25 17.0	1.888	2.785	12.0	20.1

461800 2005 XK_{49} 5 30.4 142.°90 3.°0/31.5 16

4 21	16 59.59	−30 19.4	1.643	2.439	17.6	22.1
5 1	16 59.59	−30 23.3	1.566	2.448	14.3	21.9
5 11	16 51.48	−30 15.9	1.508	2.457	10.3	21.7
5 21	16 40.96	−29 54.7	1.473	2.465	6.0	21.5
5 31	16 29.25	−29 19.3	1.464	2.473	3.0	21.3
6 10	16 17.85	−28 32.5	1.482	2.480	5.6	21.5
6 20	16 8.06	−27 39.4	1.525	2.486	9.7	21.7
6 30	16 0.87	−26 46.5	1.592	2.492	13.6	22.0

288885 2004 RW_{247} 5 30.4 266.°76 9.°1/ 4.4 18

4 21	17 6.57	−53 15.4	2.796	3.459	13.9	21.0
5 1	17 1.10	−53 57.9	2.686	3.439	12.6	20.9
5 11	16 52.55	−54 24.3	2.595	3.419	11.2	20.7
5 21	16 41.56	−54 29.4	2.524	3.399	10.0	20.6
5 31	16 29.21	−54 9.0	2.477	3.378	9.2	20.5
6 10	16 16.91	−53 22.4	2.454	3.357	9.3	20.5
6 20	16 6.00	−52 12.3	2.456	3.336	10.2	20.5
6 30	15 57.53	−50 44.4	2.482	3.314	11.7	20.6

259478 2003 SU_{186} 5 30.4 218.°71 1.°0/30.7 17

4 21	17 2.67	−24 9.1	2.026	2.819	14.8	21.4
5 1	16 57.68	−24 23.0	1.925	2.810	11.9	21.2
5 11	16 50.05	−24 32.8	1.845	2.799	8.3	20.9
5 21	16 40.29	−24 37.1	1.790	2.788	4.3	20.7
5 31	16 29.30	−24 35.2	1.763	2.777	1.0	20.4
6 10	16 18.22	−24 27.8	1.765	2.764	4.6	20.6
6 20	16 8.17	−24 17.0	1.793	2.751	8.8	20.9
6 30	16 0.13	−24 5.9	1.846	2.736	12.5	21.1

422984 2003 RU_{16} 5 30.4 344.°08 11.°2/ 2.9 16

4 21	16 52.91	−42 57.5	1.304	2.102	21.2	19.9
5 1	16 52.34	−44 8.5	1.221	2.087	18.6	19.7
5 11	16 47.72	−45 0.2	1.155	2.073	15.7	19.5
5 21	16 39.58	−45 24.1	1.106	2.060	12.9	19.2
5 31	16 29.33	−45 13.4	1.078	2.049	11.3	19.1
6 10	16 19.01	−44 26.9	1.070	2.039	11.8	19.1
6 20	16 10.65	−43 9.9	1.082	2.031	14.1	19.2
6 30	16 5.78	−41 33.3	1.114	2.025	17.3	19.4

470001 2006 KW_{119} 5 30.4 55°.45 5°.8/29.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 57.46	− 6 35.7	1.800	2.608	15.8	20.5
5 1	16 53.30	− 6 20.7	1.731	2.619	12.9	20.3
5 11	16 46.79	− 6 14.0	1.683	2.629	9.6	20.2
5 21	16 38.54	− 6 18.5	1.658	2.640	6.8	20.0
5 31	16 29.43	− 6 36.2	1.659	2.651	5.8	20.0
6 10	16 20.53	− 7 7.5	1.686	2.662	7.6	20.1
6 20	16 12.75	− 7 51.7	1.739	2.673	10.6	20.3
6 30	16 6.86	− 8 46.7	1.814	2.684	13.7	20.5

86285 1999 UR_{39} 5 30.4 351°.37 3°.1/31.4 18

4 21	16 57.34	−29 39.7	2.261	3.049	13.6	19.0
5 1	16 53.24	−30 13.9	2.171	3.048	11.0	18.8
5 11	16 46.83	−30 41.9	2.102	3.048	8.1	18.6
5 21	16 38.62	−31 1.5	2.058	3.047	5.0	18.4
5 31	16 29.43	−31 11.0	2.042	3.047	3.1	18.3
6 10	16 20.25	−31 10.7	2.052	3.046	4.7	18.4
6 20	16 12.03	−31 2.3	2.090	3.046	7.8	18.6
6 30	16 5.58	−30 49.0	2.152	3.046	10.8	18.8

116160 2003 WK_{176} 5 30.4 237°.06 3°.5/31.7 18

4 21	16 59.50	−31 44.5	2.252	3.032	13.9	20.2
5 1	16 55.06	−32 8.6	2.152	3.023	11.4	20.0
5 11	16 48.16	−32 24.4	2.073	3.013	8.5	19.8
5 21	16 39.32	−32 29.7	2.019	3.004	5.4	19.6
5 31	16 29.39	−32 22.7	1.991	2.994	3.5	19.4
6 10	16 19.42	−32 4.1	1.992	2.984	5.1	19.5
6 20	16 10.45	−31 36.3	2.019	2.974	8.2	19.7
6 30	16 3.35	−31 3.5	2.071	2.963	11.3	19.8

446909 2002 RQ_{80} 5 30.4 303°.00 4°.2/ 1.0 18

4 21	16 55.98	−34 3.4	2.433	3.208	13.1	21.1
5 1	16 52.27	−34 30.0	2.320	3.185	10.9	20.9
5 11	16 46.26	−34 48.0	2.229	3.163	8.3	20.7
5 21	16 38.40	−34 54.8	2.162	3.140	5.7	20.5
5 31	16 29.44	−34 48.8	2.122	3.118	4.2	20.4
6 10	16 20.35	−34 29.9	2.108	3.096	5.3	20.4
6 20	16 12.10	−34 0.5	2.122	3.074	8.0	20.5
6 30	16 5.55	−33 24.3	2.159	3.052	10.9	20.7

165255 2000 SN_{206} 5 30.4 249°.57 1°.9/29.8 18

4 21	17 0.27	−18 44.6	1.802	2.612	15.8	21.4
5 1	16 56.05	−18 20.2	1.698	2.594	12.6	21.2
5 11	16 49.09	−17 52.4	1.616	2.575	8.8	20.9
5 21	16 39.89	−17 22.2	1.557	2.556	4.6	20.6
5 31	16 29.35	−16 51.7	1.524	2.536	2.0	20.4
6 10	16 18.68	−16 23.8	1.519	2.515	5.8	20.6
6 20	16 9.05	−16 1.6	1.540	2.494	10.3	20.8
6 30	16 1.48	−15 48.1	1.584	2.472	14.4	21.0

244434 2002 QW_{117} 5 30.4 287°.65 0°.5/30.2 17

4 21	16 55.93	−22 19.0	1.969	2.780	14.6	21.0
5 1	16 52.21	−21 58.0	1.879	2.776	11.6	20.8
5 11	16 46.15	−21 31.7	1.811	2.772	8.0	20.6
5 21	16 38.28	−21 0.7	1.767	2.768	4.0	20.3
5 31	16 29.46	−20 26.7	1.750	2.764	0.6	20.0
6 10	16 20.74	−19 52.3	1.761	2.760	4.6	20.3
6 20	16 13.06	−19 20.6	1.797	2.757	8.6	20.6
6 30	16 7.23	−18 54.7	1.858	2.753	12.2	20.8

289602 2005 GU_{10} 5 30.4 99°.65 0°.4/30.3 17

4 21	17 1.43	−21 0.2	1.603	2.418	17.2	21.1
5 1	16 56.92	−21 1.9	1.533	2.431	13.6	20.9
5 11	16 49.53	−21 0.5	1.483	2.445	9.3	20.7
5 21	16 39.97	−20 55.8	1.457	2.458	4.6	20.5
5 31	16 29.37	−20 48.4	1.457	2.470	0.5	20.2
6 10	16 19.03	−20 40.1	1.483	2.483	5.2	20.6
6 20	16 10.14	−20 33.1	1.534	2.495	9.7	20.9
6 30	16 3.60	−20 30.2	1.609	2.507	13.6	21.1

254163 2004 PY_{113} 5 30.4 275°.50 1°.7/29.9 18

4 21	16 55.08	−16 45.7	2.444	3.246	12.3	20.7
5 1	16 51.13	−16 42.0	2.339	3.230	9.8	20.5
5 11	16 45.22	−16 38.5	2.256	3.214	6.8	20.3
5 21	16 37.80	−16 35.8	2.199	3.198	3.6	20.1
5 31	16 29.50	−16 34.9	2.170	3.181	1.7	19.9
6 10	16 21.13	−16 36.8	2.169	3.164	4.4	20.1
6 20	16 13.47	−16 42.7	2.196	3.147	7.8	20.3
6 30	16 7.23	−16 53.5	2.247	3.131	10.9	20.4

363225 2001 VD_{126} 5 30.4 235°.94 1°.6/29.6 17

4 21	16 54.99	−19 13.6	2.443	3.245	12.4	21.7
5 1	16 50.95	−18 37.4	2.345	3.237	9.8	21.5
5 11	16 45.00	−17 57.6	2.270	3.229	6.7	21.3
5 21	16 37.63	−17 15.7	2.221	3.220	3.5	21.1
5 31	16 29.52	−16 33.7	2.201	3.212	1.7	21.0
6 10	16 21.46	−15 54.5	2.209	3.203	4.4	21.1
6 20	16 14.20	−15 20.4	2.244	3.194	7.7	21.3
6 30	16 8.39	−14 53.9	2.304	3.184	10.8	21.5

135915 2002 TQ_{137} 5 30.4 267°.46 1°.6/31.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 57.05	−28 14.8	2.188	2.982	13.9	19.9
5 1	16 53.06	−28 1.2	2.084	2.967	11.2	19.6
5 11	16 46.74	−27 38.9	2.001	2.953	7.9	19.4
5 21	16 38.60	−27 6.8	1.942	2.938	4.4	19.2
5 31	16 29.46	−26 25.7	1.911	2.923	1.6	18.9
6 10	16 20.33	−25 37.8	1.908	2.908	4.3	19.1
6 20	16 12.17	−24 46.7	1.932	2.892	8.0	19.3
6 30	16 5.79	−23 56.9	1.980	2.877	11.5	19.5

497498 2006 AA_{82} 5 30.4 99°.01 5°.3/ 1.9 17

4 21	17 4.38	−37 49.7	2.074	2.833	15.6	21.8
5 1	16 58.88	−38 9.4	2.004	2.855	13.0	21.6
5 11	16 50.64	−38 15.1	1.955	2.877	10.0	21.5
5 21	16 40.44	−38 3.8	1.929	2.898	7.1	21.4
5 31	16 29.36	−37 34.1	1.929	2.918	5.4	21.3
6 10	16 18.69	−36 48.2	1.957	2.939	6.2	21.4
6 20	16 9.51	−35 50.6	2.011	2.958	8.6	21.6
6 30	16 2.63	−34 47.5	2.090	2.977	11.4	21.8

115839 2003 UD_{262} 5 30.4 177°.62 1°.5/30.9 18

4 21	16 58.93	−24 57.9	2.106	2.903	14.2	19.7
5 1	16 54.54	−25 21.7	2.017	2.904	11.3	19.5
5 11	16 47.76	−25 41.5	1.950	2.904	8.0	19.3
5 21	16 39.12	−25 55.9	1.908	2.904	4.3	19.1
5 31	16 29.46	−26 3.9	1.892	2.905	1.5	18.9
6 10	16 19.84	−26 5.9	1.905	2.905	4.4	19.1
6 20	16 11.23	−26 3.7	1.945	2.904	8.1	19.3
6 30	16 4.47	−25 59.8	2.009	2.904	11.5	19.5

626 Notburga 5 30.4 249°.25 12°.5/ 3.4 18

4 21	17 15.49	−56 16.1	2.315	2.965	16.8	14.1
5 1	17 9.90	−57 46.0	2.214	2.947	15.6	13.9
5 11	16 59.82	−58 59.4	2.131	2.928	14.3	13.8
5 21	16 45.73	−59 47.4	2.067	2.909	13.1	13.7
5 31	16 29.04	−60 2.1	2.023	2.890	12.5	13.6
6 10	16 11.97	−59 39.8	2.002	2.869	12.6	13.5
6 20	15 56.84	−58 43.2	2.003	2.848	13.5	13.6
6 30	15 45.44	−57 19.8	2.024	2.827	15.0	13.6

268932 2007 DJ_{10} 5 30.4 351°.02 8°.5/27.8 17

4 21	16 51.28	− 6 39.6	1.323	2.165	18.7	20.2
5 1	16 49.42	− 5 33.1	1.252	2.158	15.4	20.0
5 11	16 44.69	− 4 33.3	1.200	2.152	12.0	19.8
5 21	16 37.72	− 3 47.0	1.168	2.148	9.2	19.6
5 31	16 29.55	− 3 20.5	1.158	2.144	8.7	19.6
6 10	16 21.47	− 3 17.8	1.171	2.141	10.8	19.7
6 20	16 14.70	− 3 39.7	1.205	2.140	14.3	19.9
6 30	16 10.21	− 4 24.0	1.258	2.140	17.8	20.1

87146 2000 NG_{16} 5 30.4 265°.78 3°.5/29.4 18

4 21	16 58.15	−13 19.6	1.982	2.789	14.6	19.8
5 1	16 54.08	−13 1.8	1.876	2.769	11.8	19.6
5 11	16 47.58	−12 45.7	1.792	2.748	8.4	19.3
5 21	16 39.11	−12 33.2	1.732	2.726	5.0	19.1
5 31	16 29.46	−12 26.4	1.699	2.705	3.5	19.0
6 10	16 19.65	−12 27.3	1.694	2.682	6.2	19.1
6 20	16 10.70	−12 37.1	1.714	2.660	10.0	19.2
6 30	16 3.52	−12 56.7	1.758	2.637	13.6	19.4

306913 2001 TA_{217} 5 30.4 258°.76 8°.7/ 2.0 18

4 21	17 4.07	−41 39.2	1.811	2.569	17.6	20.6
5 1	16 59.94	−42 46.1	1.723	2.564	15.2	20.4
5 11	16 52.27	−43 39.0	1.653	2.558	12.5	20.2
5 21	16 41.66	−44 11.4	1.605	2.553	10.1	20.0
5 31	16 29.30	−44 17.6	1.580	2.547	8.7	19.9
6 10	16 16.89	−43 56.7	1.580	2.541	9.3	19.9
6 20	16 6.05	−43 12.2	1.603	2.535	11.5	20.1
6 30	15 58.07	−42 11.7	1.649	2.529	14.3	20.2

136997 1998 SP_{72} 5 30.4 238°.57 0°.1/30.4 18

4 21	17 0.19	−22 13.8	1.991	2.792	14.8	20.6
5 1	16 55.75	−22 12.5	1.888	2.779	11.8	20.3
5 11	16 48.75	−22 7.3	1.807	2.765	8.2	20.1
5 21	16 39.69	−21 57.9	1.751	2.751	4.1	19.8
5 31	16 29.44	−21 44.5	1.722	2.736	0.3	19.4
6 10	16 19.10	−21 28.7	1.720	2.720	4.7	19.8
6 20	16 9.75	−21 12.8	1.746	2.704	8.9	20.0
6 30	16 2.33	−20 59.8	1.795	2.687	12.8	20.2

424076 2007 DV_{27} 5 30.4 120°.19 0°.6/30.2 17

4 21	17 0.32	−20 45.9	1.976	2.779	14.8	22.0
5 1	16 55.47	−20 40.2	1.901	2.793	11.7	21.8
5 11	16 48.25	−20 31.6	1.848	2.806	8.0	21.6
5 21	16 39.28	−20 20.2	1.820	2.819	4.0	21.4
5 31	16 29.47	−20 7.0	1.819	2.832	0.7	21.2
6 10	16 19.88	−19 53.5	1.845	2.844	4.6	21.5
6 20	16 11.46	−19 42.1	1.899	2.856	8.4	21.8
6 30	16 4.96	−19 34.9	1.977	2.867	11.8	22.0

118047 3306 T_{-2} 5 30.4 189°.38 1°.7/30.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	17 4.00	−25 21.4	1.632	2.437	17.4	20.2
5 1	16 59.33	−25 39.8	1.546	2.437	13.9	20.0
5 11	16 51.49	−25 52.6	1.480	2.436	9.8	19.7
5 21	16 41.13	−25 57.6	1.437	2.434	5.3	19.5
5 31	16 29.36	−25 53.7	1.420	2.432	1.7	19.2
6 10	16 17.62	−25 41.8	1.429	2.429	5.4	19.4
6 20	16 7.29	−25 25.0	1.464	2.426	10.0	19.7
6 30	15 59.48	−25 7.6	1.523	2.422	14.2	19.9

174046 2002 BU_8 5 30.4 72°.96 4°.8/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.09	− 7 45.0	2.264	3.064	13.2	20.4
5 1	16 50.92	− 7 19.7	2.195	3.078	10.7	20.2
5 11	16 44.90	− 6 59.8	2.148	3.093	8.0	20.1
5 21	16 37.55	− 6 47.8	2.127	3.107	5.6	20.0
5 31	16 29.58	− 6 45.8	2.132	3.122	4.9	19.9
6 10	16 21.79	− 6 54.9	2.164	3.136	6.5	20.1
6 20	16 14.90	− 7 15.1	2.223	3.151	9.0	20.2
6 30	16 9.49	− 7 45.7	2.305	3.165	11.5	20.4

420512 2012 FQ_{41} 5 30.4 42°.92 0°.4/30.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 58.02	−23 29.2	1.339	2.171	19.0	21.4
5 1	16 54.81	−23 25.3	1.276	2.183	15.1	21.2
5 11	16 48.37	−23 15.1	1.231	2.196	10.4	20.9
5 21	16 39.50	−22 58.3	1.208	2.209	5.2	20.7
5 31	16 29.47	−22 36.0	1.209	2.223	0.4	20.3
6 10	16 19.79	−22 11.1	1.235	2.238	5.6	20.8
6 20	16 11.78	−21 47.6	1.285	2.252	10.5	21.1
6 30	16 6.41	−21 29.2	1.356	2.267	14.8	21.4

275472 2011 DT_{18} 5 30.4 350°.93 1°.3/30.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 56.37	−26 4.6	1.558	2.379	17.3	20.7
5 1	16 53.33	−25 59.3	1.476	2.376	13.9	20.4
5 11	16 47.34	−25 45.5	1.413	2.374	9.7	20.2
5 21	16 39.03	−25 22.5	1.373	2.372	5.1	19.9
5 31	16 29.49	−24 51.0	1.358	2.371	1.3	19.6
6 10	16 20.07	−24 13.7	1.368	2.370	5.2	19.9
6 20	16 12.04	−23 35.0	1.403	2.369	9.9	20.2
6 30	16 6.37	−22 59.7	1.460	2.369	14.0	20.4

294831 2008 CW_{143} 5 30.4 81°.03 4°.9/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.94	− 8 45.8	2.293	3.097	13.0	20.4
5 1	16 50.02	− 8 0.5	2.221	3.107	10.5	20.3
5 11	16 44.29	− 7 19.0	2.172	3.118	7.8	20.1
5 21	16 37.26	− 6 44.2	2.148	3.128	5.5	20.0
5 31	16 29.61	− 6 19.2	2.150	3.139	5.0	20.0
6 10	16 22.13	− 6 5.9	2.180	3.149	6.6	20.1
6 20	16 15.51	− 6 5.3	2.235	3.159	9.1	20.3
6 30	16 10.34	− 6 17.0	2.314	3.170	11.6	20.4

69276 1989 YH_8 5 30.4 144°.84 4°.2/29.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 1.47	−11 10.4	2.028	2.826	14.7	20.1
5 1	16 56.18	−10 43.0	1.953	2.838	11.7	19.9
5 11	16 48.65	−10 18.9	1.900	2.850	8.5	19.8
5 21	16 39.47	−10 0.2	1.873	2.861	5.4	19.6
5 31	16 29.49	− 9 49.4	1.872	2.872	4.2	19.5
6 10	16 19.71	− 9 48.1	1.900	2.881	6.4	19.7
6 20	16 11.03	− 9 57.0	1.954	2.890	9.6	19.9
6 30	16 4.17	−10 16.3	2.032	2.897	12.6	20.1

400515 2008 SY_{63} 5 30.4 242°.04 3°.0/29.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 0.56	−17 26.8	1.596	2.414	17.1	22.0
5 1	16 56.57	−16 48.7	1.501	2.401	13.7	21.8
5 11	16 49.60	−16 6.9	1.425	2.387	9.7	21.5
5 21	16 40.23	−15 23.6	1.374	2.372	5.3	21.2
5 31	16 29.44	−14 42.1	1.347	2.357	3.1	21.0
6 10	16 18.58	−14 6.4	1.347	2.341	6.8	21.2
6 20	16 8.94	−13 40.3	1.372	2.324	11.4	21.4
6 30	16 1.60	−13 26.7	1.419	2.307	15.7	21.6

94626 2001 WN_7 5 30.4 50°.78 2°.0/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 59.69	−17 25.6	1.291	2.126	19.4	19.2
5 1	16 56.26	−17 26.3	1.224	2.133	15.4	18.9
5 11	16 49.50	−17 27.5	1.174	2.140	10.7	18.7
5 21	16 40.15	−17 30.0	1.147	2.147	5.5	18.4
5 31	16 29.46	−17 34.7	1.143	2.155	2.1	18.2
6 10	16 18.99	−17 43.1	1.163	2.163	6.4	18.5
6 20	16 10.15	−17 56.5	1.207	2.171	11.5	18.8
6 30	16 4.03	−18 16.5	1.272	2.179	15.9	19.1

193500 2000 YX_{22} 5 30.4 273°.28 1°.0/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 58.26	−20 15.7	2.065	2.870	14.2	20.9
5 1	16 54.22	−20 0.4	1.950	2.843	11.4	20.6
5 11	16 47.74	−19 41.5	1.857	2.816	7.9	20.4
5 21	16 39.24	−19 19.3	1.788	2.788	4.0	20.1
5 31	16 29.51	−18 55.2	1.747	2.760	1.1	19.8
6 10	16 19.57	−18 31.2	1.733	2.731	4.9	20.0
6 20	16 10.47	−18 9.9	1.746	2.701	9.1	20.2
6 30	16 3.13	−17 54.3	1.783	2.672	13.0	20.4

475526 2006 SG_{398} 5 30.5 209°.07 1°.3/30.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 57.77	−25 2.2	2.514	3.303	12.4	21.9
5 1	16 53.25	−25 22.8	2.417	3.299	9.9	21.8
5 11	16 46.69	−25 39.6	2.344	3.296	6.9	21.6
5 21	16 38.56	−25 51.7	2.296	3.292	3.7	21.3
5 31	16 29.56	−25 58.4	2.276	3.288	1.3	21.1
6 10	16 20.56	−26 0.1	2.285	3.284	3.8	21.3
6 20	16 12.37	−25 58.1	2.322	3.279	7.1	21.5
6 30	16 5.71	−25 54.6	2.384	3.274	10.1	21.7

97454 2000 CP_9 5 30.5 28°.98 2°.8/31.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 57.24	−30 17.7	1.820	2.622	16.0	19.2
5 1	16 53.61	−30 18.0	1.739	2.625	12.9	19.0
5 11	16 47.29	−30 7.8	1.678	2.629	9.3	18.7
5 21	16 38.93	−29 45.5	1.640	2.633	5.5	18.5
5 31	16 29.55	−29 11.3	1.628	2.637	2.8	18.4
6 10	16 20.36	−28 27.6	1.643	2.642	5.0	18.5
6 20	16 12.47	−27 38.7	1.683	2.646	8.8	18.7
6 30	16 6.74	−26 49.8	1.747	2.651	12.4	19.0

235360 2003 UE_{359} 5 30.5 310°.91 2°.2/29.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.57	−17 56.1	1.886	2.703	14.9	20.8
5 1	16 51.99	−17 28.2	1.800	2.700	11.8	20.6
5 11	16 46.05	−16 57.9	1.735	2.696	8.2	20.3
5 21	16 38.30	−16 27.0	1.694	2.693	4.3	20.1
5 31	16 29.59	−15 57.8	1.680	2.690	2.2	19.9
6 10	16 20.97	−15 33.0	1.692	2.687	5.4	20.1
6 20	16 13.40	−15 15.2	1.730	2.685	9.3	20.4
6 30	16 7.68	−15 6.2	1.792	2.682	12.9	20.6

234814 2002 QD_{114} 5 30.5 316°.37 0°.9/30.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.88	−21 17.2	1.965	2.777	14.6	20.5
5 1	16 52.16	−20 52.0	1.879	2.776	11.5	20.3
5 11	16 46.12	−20 22.0	1.814	2.775	7.9	20.1
5 21	16 38.31	−19 48.3	1.773	2.773	4.0	19.8
5 31	16 29.60	−19 12.8	1.759	2.772	1.0	19.6
6 10	16 21.00	−18 38.2	1.772	2.771	4.7	19.9
6 20	16 13.46	−18 7.7	1.812	2.770	8.7	20.1
6 30	16 7.73	−17 44.0	1.875	2.769	12.2	20.3

2613 Plzeň 5 30.5 134°.25 2°.9/31.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 57.74	−32 36.9	2.350	3.129	13.5	16.6
5 1	16 53.35	−32 27.3	2.261	3.132	10.9	16.4
5 11	16 46.77	−32 7.0	2.194	3.135	8.0	16.3
5 21	16 38.57	−31 35.0	2.151	3.138	4.9	16.1
5 31	16 29.59	−30 51.5	2.135	3.141	2.9	15.9
6 10	16 20.80	−29 58.7	2.148	3.144	4.4	16.0
6 20	16 13.07	−29 0.5	2.188	3.146	7.4	16.2
6 30	16 7.09	−28 1.5	2.254	3.149	10.4	16.4

304422 2006 TQ_{67} 5 30.5 317°.15 4°.3/28.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.41	−12 54.1	2.025	2.841	14.1	21.0
5 1	16 50.06	−11 59.3	1.938	2.835	11.2	20.8
5 11	16 44.60	−11 4.3	1.873	2.829	8.1	20.6
5 21	16 37.54	−10 12.5	1.833	2.823	5.3	20.4
5 31	16 29.65	− 9 27.8	1.819	2.817	4.5	20.3
6 10	16 21.84	− 8 53.4	1.832	2.812	6.7	20.5
6 20	16 14.94	− 8 31.8	1.870	2.807	9.9	20.6
6 30	16 9.67	− 8 24.1	1.931	2.802	13.0	20.8

167491 2003 YJ_{76} 5 30.5 248°.83 3°.8/ 1.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 59.77	−34 32.7	2.296	3.067	14.0	20.4
5 1	16 55.28	−34 35.8	2.190	3.053	11.5	20.2
5 11	16 48.33	−34 27.4	2.105	3.040	8.7	20.0
5 21	16 39.46	−34 5.3	2.044	3.025	5.8	19.8
5 31	16 29.54	−33 28.4	2.011	3.011	3.9	19.7
6 10	16 19.64	−32 38.4	2.005	2.996	5.1	19.7
6 20	16 10.79	−31 38.9	2.026	2.981	8.1	19.9
6 30	16 3.84	−30 35.3	2.072	2.965	11.3	20.0

148882 2001 WQ_9 5 30.5 188°.40 2°.5/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 56.54	−13 24.0	2.499	3.296	12.2	20.7
5 1	16 52.08	−13 21.7	2.409	3.296	9.7	20.5
5 11	16 45.77	−13 21.6	2.341	3.295	6.9	20.3
5 21	16 38.07	−13 24.9	2.300	3.294	4.0	20.2
5 31	16 29.63	−13 32.4	2.287	3.293	2.6	20.1
6 10	16 21.22	−13 44.9	2.302	3.292	4.7	20.2
6 20	16 13.58	−14 2.9	2.345	3.290	7.7	20.4
6 30	16 7.34	−14 26.6	2.413	3.288	10.5	20.6

334131 2001 RP_{39} 5 30.5 197°.53 11°.4/ 3.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 12.81	−46 19.8	1.495	2.240	21.3	22.0
5 1	17 8.05	−47 23.6	1.412	2.238	18.7	21.8
5 11	16 58.54	−48 7.0	1.346	2.235	15.8	21.6
5 21	16 45.01	−48 19.9	1.298	2.232	13.2	21.4
5 31	16 29.22	−47 54.2	1.272	2.228	11.5	21.3
6 10	16 13.64	−46 48.9	1.268	2.223	11.8	21.3
6 20	16 0.54	−45 11.4	1.288	2.217	14.0	21.4
6 30	15 51.49	−43 14.8	1.329	2.211	17.0	21.5

243771 2000 RP_{81} 5 30.5 223°.04 1°.0/30.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	17 0.89	−26 21.9	1.678	2.485	16.9	21.0
5 1	16 56.77	−26 5.5	1.587	2.479	13.5	20.8
5 11	16 49.67	−25 39.6	1.515	2.473	9.5	20.5
5 21	16 40.23	−25 3.5	1.468	2.466	5.0	20.2
5 31	16 29.52	−24 18.2	1.446	2.459	1.0	19.9
6 10	16 18.88	−23 27.0	1.451	2.452	5.2	20.2
6 20	16 9.59	−22 34.7	1.481	2.444	9.8	20.4
6 30	16 2.66	−21 46.9	1.535	2.435	14.0	20.7

358770 2008 DD_{18} 5 30.5 245°.29 5°.3/28.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.11	− 6 23.1	2.479	3.274	12.4	21.3
5 1	16 50.19	− 5 42.0	2.386	3.265	10.2	21.1
5 11	16 44.49	− 5 5.4	2.316	3.255	7.8	20.9
5 21	16 37.45	− 4 36.4	2.272	3.245	5.9	20.8
5 31	16 29.68	− 4 17.7	2.254	3.235	5.4	20.8
6 10	16 21.93	− 4 11.6	2.263	3.224	6.9	20.8
6 20	16 14.90	− 4 18.7	2.299	3.214	9.3	21.0
6 30	16 9.19	− 4 38.8	2.358	3.203	11.8	21.1

268429 2005 UL_{511} 5 30.5 93°.59 0°.5/30.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 59.80	−23 59.1	1.839	2.645	15.6	21.6
5 1	16 55.32	−23 55.4	1.767	2.660	12.4	21.4
5 11	16 48.29	−23 46.1	1.716	2.674	8.5	21.2
5 21	16 39.38	−23 30.9	1.689	2.689	4.3	21.0
5 31	16 29.58	−23 10.5	1.689	2.703	0.5	20.7
6 10	16 20.04	−22 47.1	1.716	2.717	4.6	21.0
6 20	16 11.79	−22 23.6	1.769	2.730	8.6	21.3
6 30	16 5.61	−22 3.3	1.847	2.744	12.2	21.6

103495 2000 AJ_{239} 5 30.5 240°.90 2°.5/29.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 59.07	−16 23.7	1.808	2.620	15.6	20.4
5 1	16 54.99	−16 7.0	1.714	2.610	12.5	20.2
5 11	16 48.30	−15 49.8	1.641	2.600	8.8	19.9
5 21	16 39.53	−15 33.6	1.591	2.590	4.8	19.7
5 31	16 29.57	−15 20.3	1.569	2.579	2.6	19.5
6 10	16 19.57	−15 11.9	1.573	2.567	5.8	19.7
6 20	16 10.64	−15 10.3	1.603	2.555	10.0	19.9
6 30	16 3.70	−15 17.2	1.656	2.543	13.9	20.1

474966 2005 TD_{59} 5 30.5 266°.74 3°.3/31.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 58.46	−30 22.2	2.409	3.189	13.1	21.5
5 1	16 54.13	−31 1.4	2.308	3.180	10.7	21.3
5 11	16 47.51	−31 34.8	2.230	3.171	7.9	21.1
5 21	16 39.08	−32 0.0	2.177	3.162	5.0	20.9
5 31	16 29.60	−32 14.9	2.151	3.153	3.3	20.8
6 10	16 20.02	−32 19.4	2.153	3.144	4.8	20.9
6 20	16 11.31	−32 14.9	2.182	3.135	7.7	21.0
6 30	16 4.28	−32 4.3	2.236	3.126	10.7	21.2

440559 2005 UO_{299} 5 30.5 294°.70 1°.5/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 57.03	−24 55.8	2.273	3.069	13.3	21.5
5 1	16 53.00	−25 24.8	2.173	3.060	10.7	21.3
5 11	16 46.74	−25 50.6	2.096	3.050	7.5	21.1
5 21	16 38.69	−26 11.9	2.044	3.040	4.1	20.8
5 31	16 29.62	−26 27.5	2.019	3.031	1.5	20.6
6 10	16 20.47	−26 37.3	2.022	3.021	4.2	20.8
6 20	16 12.17	−26 42.6	2.052	3.012	7.7	21.0
6 30	16 5.52	−26 45.5	2.107	3.003	11.0	21.2

330840 2009 OW_{4} 5 30.5 296°.00 1°.0/30.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 57.25	−23 52.0	1.596	2.417	17.0	19.8
5 1	16 54.29	−23 4.1	1.483	2.385	13.7	19.5
5 11	16 48.29	−22 3.8	1.390	2.353	9.6	19.2
5 21	16 39.73	−20 51.9	1.320	2.321	4.9	18.8
5 31	16 29.56	−19 31.2	1.275	2.289	1.1	18.5
6 10	16 19.13	−18 7.2	1.257	2.256	6.1	18.7
6 20	16 9.81	−16 47.0	1.263	2.224	11.4	18.9
6 30	16 2.81	−15 37.6	1.292	2.191	16.2	19.1

18915 2000 OR_{38} 5 30.5 135°.49 1°.9/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.71	−18 33.1	2.578	3.375	11.9	18.7
5 1	16 51.26	−17 47.4	2.496	3.385	9.4	18.6
5 11	16 45.08	−16 58.7	2.437	3.394	6.4	18.4
5 21	16 37.68	−16 8.9	2.405	3.402	3.4	18.2
5 31	16 29.70	−15 20.2	2.401	3.411	2.0	18.1
6 10	16 21.89	−14 35.6	2.427	3.419	4.4	18.3
6 20	16 14.91	−13 57.4	2.481	3.426	7.3	18.5
6 30	16 9.33	−13 27.5	2.560	3.433	10.1	18.7

250363 2003 SH_{303} 5 30.5 311°.37 3°.3/31.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 57.25	−30 7.3	1.373	2.196	19.1	19.9
5 1	16 54.80	−30 10.4	1.284	2.183	15.6	19.6
5 11	16 48.86	−30 0.7	1.213	2.171	11.4	19.3
5 21	16 40.04	−29 35.3	1.164	2.159	6.7	19.0
5 31	16 29.55	−28 53.5	1.137	2.147	3.3	18.8
6 10	16 19.05	−27 58.2	1.135	2.136	6.2	18.9
6 20	16 10.11	−26 55.5	1.156	2.125	11.2	19.1
6 30	16 4.01	−25 53.3	1.199	2.115	15.9	19.4

120099 2003 EV_{55} 5 30.5 295°.33 7°.9/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 53.34	+ 0 18.9	2.307	3.094	13.4	19.4
5 1	16 49.63	+ 1 19.5	2.232	3.093	11.4	19.3
5 11	16 44.10	+ 2 11.2	2.178	3.093	9.5	19.2
5 21	16 37.25	+ 2 49.7	2.148	3.093	8.1	19.1
5 31	16 29.72	+ 3 11.2	2.144	3.092	8.0	19.1
6 10	16 22.29	+ 3 13.6	2.165	3.092	9.2	19.1
6 20	16 15.65	+ 2 57.0	2.209	3.091	11.1	19.3
6 30	16 10.42	+ 2 22.6	2.276	3.091	13.2	19.4

196430 2003 HE_{21} 5 30.5 330°.96 5°.8/30.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 59.59	−29 47.1	1.467	2.281	18.5	19.8
5 1	16 56.78	−31 13.6	1.377	2.268	15.3	19.5
5 11	16 50.42	−32 37.2	1.307	2.256	11.5	19.3
5 21	16 40.97	−33 51.8	1.258	2.244	7.8	19.0
5 31	16 29.49	−34 50.9	1.234	2.233	5.8	18.9
6 10	16 17.63	−35 30.8	1.233	2.223	7.9	18.9
6 20	16 7.12	−35 51.9	1.257	2.214	11.8	19.1
6 30	15 59.45	−35 58.5	1.301	2.205	15.8	19.4

328219 2008 EC_{148} 5 30.5 290°.99 4°.2/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 56.38	−15 13.1	1.615	2.441	16.6	20.7
5 1	16 53.37	−14 23.9	1.510	2.413	13.4	20.4
5 11	16 47.51	−13 31.4	1.424	2.386	9.7	20.1
5 21	16 39.30	−12 38.7	1.362	2.358	5.8	19.8
5 31	16 29.60	−11 50.2	1.325	2.330	4.4	19.6
6 10	16 19.66	−11 10.8	1.313	2.302	7.6	19.7
6 20	16 10.74	−10 44.4	1.325	2.273	12.1	19.9
6 30	16 3.94	−10 33.8	1.358	2.245	16.4	20.1

303983 2006 BB_{93} 5 30.5 163°.93 5°.0/29.0 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 0.08	−12 3.2	1.558	2.377	17.4	21.0
5 1	16 55.93	−11 23.4	1.482	2.380	14.0	20.7
5 11	16 48.97	−10 46.0	1.426	2.382	10.1	20.5
5 21	16 39.84	−10 14.5	1.393	2.384	6.4	20.3
5 31	16 29.59	− 9 52.7	1.385	2.386	5.1	20.2
6 10	16 19.49	− 9 43.4	1.403	2.388	7.8	20.4
6 20	16 10.71	− 9 48.3	1.445	2.389	11.7	20.6
6 30	16 4.19	−10 7.3	1.509	2.389	15.4	20.8

185991 2001 OV_{19} 5 30.5 318°.71 4°.7/29.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.48	−13 45.2	1.362	2.204	18.2	20.2
5 1	16 51.47	−13 11.3	1.271	2.184	14.7	19.9
5 11	16 46.41	−12 37.9	1.199	2.164	10.6	19.6
5 21	16 38.80	−12 8.7	1.148	2.144	6.5	19.3
5 31	16 29.64	−11 47.9	1.120	2.126	4.8	19.2
6 10	16 20.31	−11 39.2	1.116	2.108	8.1	19.3
6 20	16 12.18	−11 45.1	1.134	2.090	12.8	19.5
6 30	16 6.46	−12 6.6	1.172	2.074	17.3	19.7

21784 1999 SO_{1} 5 30.5 174°.91 2°.3/31.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 59.99	−27 46.4	2.155	2.945	14.2	18.2
5 1	16 55.39	−28 7.7	2.066	2.946	11.4	18.0
5 11	16 48.38	−28 23.0	1.998	2.947	8.1	17.8
5 21	16 39.50	−28 30.3	1.955	2.948	4.7	17.6
5 31	16 29.61	−28 28.8	1.939	2.949	2.3	17.4
6 10	16 19.78	−28 19.0	1.951	2.949	4.5	17.6
6 20	16 11.00	−28 3.3	1.991	2.949	8.0	17.8
6 30	16 4.09	−27 45.1	2.054	2.949	11.3	18.0

192351 1995 SM_{51} 5 30.5 333°.77 1°.6/30.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 56.05	−25 35.7	1.590	2.411	17.0	20.4
5 1	16 53.17	−25 48.0	1.503	2.403	13.7	20.2
5 11	16 47.35	−25 53.9	1.435	2.396	9.7	19.9
5 21	16 39.16	−25 52.2	1.390	2.389	5.2	19.6
5 31	16 29.63	−25 42.1	1.370	2.383	1.6	19.4
6 10	16 20.10	−25 25.4	1.375	2.377	5.3	19.6
6 20	16 11.85	−25 4.9	1.405	2.371	9.9	19.9
6 30	16 5.93	−24 45.0	1.457	2.367	14.0	20.1

98254 2000 SU_{178} 5 30.5 290°.85 3°.3/31.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 59.06	−29 8.5	1.455	2.272	18.5	19.4
5 1	16 56.28	−29 25.0	1.353	2.249	15.2	19.2
5 11	16 50.02	−29 31.9	1.270	2.226	11.1	18.8
5 21	16 40.74	−29 25.8	1.208	2.202	6.6	18.5
5 31	16 29.53	−29 4.6	1.170	2.179	3.3	18.3
6 10	16 18.02	−28 29.2	1.156	2.156	6.4	18.4
6 20	16 7.86	−27 44.2	1.166	2.133	11.4	18.6
6 30	16 0.45	−26 56.5	1.198	2.110	16.2	18.8

281042 2006 HE_{50} 5 30.5 260°.08 4°.3/28.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.41	−12 58.3	1.949	2.763	14.6	20.8
5 1	16 51.74	−12 9.3	1.863	2.759	11.7	20.6
5 11	16 45.82	−11 20.5	1.798	2.754	8.4	20.4
5 21	16 38.21	−10 35.0	1.758	2.749	5.4	20.2
5 31	16 29.70	− 9 56.6	1.744	2.744	4.4	20.1
6 10	16 21.26	− 9 28.5	1.757	2.739	6.7	20.2
6 20	16 13.80	− 9 12.8	1.796	2.734	10.1	20.4
6 30	16 8.08	− 9 10.6	1.857	2.729	13.3	20.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
188620 2005 QX_{29}			5 30.5 325°.09	6°.4/ 1.7 17		
	h m	° ′			°	m
4 21	16 58.17	−38 3.5	2.017	2.789	15.6	19.7
5 1	16 54.64	−38 47.0	1.923	2.780	13.2	19.5
5 11	16 48.26	−39 18.7	1.850	2.771	10.5	19.3
5 21	16 39.59	−39 34.2	1.798	2.763	7.9	19.1
5 31	16 29.61	−39 30.4	1.772	2.755	6.4	19.0
6 10	16 19.61	−39 7.5	1.771	2.748	7.2	19.1
6 20	16 10.81	−38 28.3	1.795	2.741	9.6	19.2
6 30	16 4.25	−37 38.5	1.842	2.734	12.5	19.4
356697 2011 UW_{137}			5 30.5 139°.68	5°.2/ 2.1 18		
4 21	17 1.43	−40 32.9	3.046	3.774	11.7	22.4
5 1	16 55.98	−41 9.8	2.961	3.785	9.9	22.3
5 11	16 48.48	−41 36.3	2.898	3.796	8.0	22.2
5 21	16 39.45	−41 49.6	2.859	3.807	6.2	22.1
5 31	16 29.63	−41 48.0	2.848	3.817	5.2	22.0
6 10	16 19.92	−41 31.9	2.865	3.827	5.6	22.1
6 20	16 11.14	−41 3.3	2.909	3.837	7.1	22.2
6 30	16 3.98	−40 26.0	2.979	3.845	9.0	22.3
150993 2001 UK_{15}			5 30.5 122°.57	1°.5/31.0 18		
4 21	17 1.48	−26 26.1	2.044	2.837	14.7	21.2
5 1	16 56.46	−26 31.4	1.968	2.851	11.7	21.1
5 11	16 49.00	−26 30.2	1.913	2.865	8.2	20.9
5 21	16 39.74	−26 21.3	1.882	2.879	4.4	20.7
5 31	16 29.62	−26 4.9	1.880	2.892	1.5	20.5
6 10	16 19.73	−25 42.4	1.905	2.904	4.3	20.7
6 20	16 11.04	−25 17.0	1.957	2.916	8.1	20.9
6 30	16 4.33	−24 52.0	2.034	2.928	11.4	21.2
262235 2006 SR_{284}			5 30.5 280°.21	4°.3/29.1 17		
4 21	16 57.12	−13 56.5	1.589	2.414	16.9	21.0
5 1	16 53.86	−13 18.5	1.495	2.397	13.6	20.8
5 11	16 47.77	−12 40.2	1.420	2.380	9.8	20.5
5 21	16 39.38	−12 5.0	1.369	2.363	5.9	20.2
5 31	16 29.63	−11 36.3	1.342	2.346	4.4	20.1
6 10	16 19.77	−11 18.0	1.341	2.329	7.5	20.2
6 20	16 11.03	−11 12.6	1.363	2.312	11.7	20.4
6 30	16 4.45	−11 21.5	1.407	2.295	15.8	20.6
141813 2002 NN_{44}			5 30.5 161°.21	1°.5/30.1 18		
4 21	17 1.41	−17 54.2	1.813	2.621	15.8	20.4
5 1	16 56.71	−17 56.1	1.731	2.625	12.5	20.2
5 11	16 49.39	−17 57.8	1.670	2.629	8.7	20.0
5 21	16 40.03	−17 59.6	1.633	2.632	4.4	19.8
5 31	16 29.61	−18 2.1	1.623	2.635	1.5	19.6
6 10	16 19.27	−18 6.4	1.640	2.638	5.2	19.8
6 20	16 10.13	−18 13.8	1.684	2.640	9.4	20.1
6 30	16 3.06	−18 25.9	1.751	2.641	13.1	20.3
509348 2006 YH_{45}			5 30.5 276°.54	0°.8/30.2 17		
4 21	16 55.06	−20 41.6	2.266	3.071	13.1	21.9
5 1	16 51.31	−20 27.7	2.167	3.061	10.4	21.7
5 11	16 45.47	−20 10.5	2.090	3.050	7.2	21.4
5 21	16 38.04	−19 50.6	2.038	3.038	3.6	21.2
5 31	16 29.72	−19 29.2	2.014	3.027	0.8	21.0
6 10	16 21.40	−19 8.1	2.018	3.016	4.3	21.2
6 20	16 13.91	−18 49.6	2.048	3.005	7.9	21.4
6 30	16 8.00	−18 35.9	2.103	2.994	11.2	21.6
263600 2008 FO_{125}			5 30.5 112°.40	3°.8/29.2 17		
4 21	16 59.29	−14 8.2	1.788	2.600	15.8	21.6
5 1	16 54.81	−13 29.0	1.718	2.613	12.5	21.4
5 11	16 47.89	−12 50.5	1.669	2.626	8.9	21.2
5 21	16 39.20	−12 15.4	1.645	2.639	5.3	21.0
5 31	16 29.67	−11 46.7	1.647	2.651	3.9	21.0
6 10	16 20.39	−11 27.3	1.676	2.663	6.4	21.1
6 20	16 12.34	−11 18.8	1.730	2.674	10.0	21.4
6 30	16 6.27	−11 22.1	1.807	2.685	13.4	21.6
38233 1999 NS_{57}			5 30.5 302°.43	6°.0/28.2 18		
4 21	16 54.76	−13 7.2	1.378	2.217	18.2	17.8
5 1	16 52.38	−12 0.1	1.289	2.198	14.8	17.5
5 11	16 46.96	−10 50.6	1.218	2.180	10.9	17.2
5 21	16 39.05	− 9 43.9	1.170	2.162	7.2	16.9
5 31	16 29.66	− 8 46.5	1.145	2.144	6.2	16.8
6 10	16 20.18	− 8 4.4	1.143	2.127	9.2	16.9
6 20	16 11.93	− 7 41.9	1.164	2.110	13.6	17.1
6 30	16 6.07	− 7 40.7	1.205	2.093	17.9	17.3
290498 2005 UA_{21}			5 30.5 337°.93	3°.2/28.8 16		
4 21	16 52.84	−17 9.1	1.977	2.796	14.2	19.8
5 1	16 49.72	−16 4.8	1.889	2.790	11.3	19.6
5 11	16 44.43	−14 56.3	1.822	2.783	7.9	19.4
5 21	16 37.52	−13 46.7	1.781	2.778	4.6	19.2
5 31	16 29.77	−12 40.3	1.767	2.772	3.4	19.1
6 10	16 22.13	−11 41.4	1.779	2.767	6.0	19.2
6 20	16 15.45	−10 53.9	1.817	2.762	9.6	19.4
6 30	16 10.46	−10 20.0	1.879	2.758	12.9	19.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
93122 2000 SB_{61}			5 30.5 197°.66	1°.7/29.9 18		
	h m	° ′			°	m
4 21	16 57.37	−18 47.4	1.825	2.640	15.4	20.1
5 1	16 53.52	−18 27.5	1.741	2.639	12.2	19.8
5 11	16 47.18	−18 5.1	1.678	2.639	8.4	19.6
5 21	16 38.94	−17 41.5	1.639	2.639	4.4	19.4
5 31	16 29.69	−17 18.5	1.626	2.638	1.8	19.2
6 10	16 20.55	−16 58.5	1.641	2.638	5.3	19.4
6 20	16 12.53	−16 43.9	1.681	2.637	9.4	19.7
6 30	16 6.46	−16 37.0	1.744	2.637	13.0	19.9
18882 1999 YN_{4}			5 30.5 44°.50	28°.4/30.0 18		
4 21	0 5.49	−83 53.7	0.845	1.383	46.2	18.1
5 1	0 6.96	−84 25.4	0.816	1.408	44.7	18.0
5 11	23 24.37	−85 59.6	0.783	1.435	42.7	17.9
5 21	19 46.35	−87 12.9	0.748	1.464	40.0	17.8
5 31	16 25.58	−83 44.7	0.718	1.493	36.8	17.6
6 10	15 44.52	−77 19.0	0.697	1.524	33.2	17.5
6 20	15 37.99	−69 18.9	0.694	1.555	30.1	17.5
6 30	15 42.10	−60 32.4	0.714	1.587	28.4	17.5
143558 2003 ET_{42}			5 30.5 128°.89	4°.6/31.9 18		
4 21	17 1.53	−34 22.4	2.498	3.260	13.2	20.0
5 1	16 56.49	−35 16.7	2.412	3.267	10.9	19.9
5 11	16 49.10	−36 3.3	2.347	3.273	8.4	19.7
5 21	16 39.88	−36 38.8	2.308	3.280	5.9	19.6
5 31	16 29.65	−37 0.7	2.296	3.286	4.6	19.5
6 10	16 19.42	−37 8.4	2.313	3.292	5.6	19.6
6 20	16 10.16	−37 3.8	2.356	3.298	7.8	19.7
6 30	16 2.69	−36 50.1	2.424	3.303	10.3	19.9
468526 2005 YM_{34}			5 30.5 254°.52	5°.6/28.8 17		
4 21	16 58.69	− 7 1.2	2.061	2.859	14.5	21.6
5 1	16 54.35	− 6 36.7	1.961	2.842	11.9	21.4
5 11	16 47.71	− 6 18.2	1.881	2.824	9.0	21.1
5 21	16 39.23	− 6 8.7	1.826	2.806	6.5	20.9
5 31	16 29.69	− 6 11.1	1.798	2.787	5.7	20.9
6 10	16 20.02	− 6 27.0	1.797	2.769	7.5	20.9
6 20	16 11.19	− 6 56.9	1.821	2.749	10.6	21.1
6 30	16 4.03	− 7 39.9	1.869	2.729	13.8	21.2
149112 2002 CU_{233}			5 30.5 316°.34	4°.8/ 1.5 18		
4 21	16 58.15	−36 5.6	2.341	3.108	13.8	20.0
5 1	16 54.02	−36 36.0	2.249	3.106	11.5	19.8
5 11	16 47.49	−36 56.1	2.178	3.104	8.9	19.7
5 21	16 39.10	−37 3.0	2.131	3.102	6.3	19.5
5 31	16 29.72	−36 54.9	2.110	3.101	4.9	19.4
6 10	16 20.38	−36 32.4	2.116	3.099	5.7	19.4
6 20	16 12.08	−35 58.2	2.149	3.097	8.1	19.6
6 30	16 5.64	−35 16.6	2.206	3.095	10.8	19.8
331175 2011 AL_{26}			5 30.5 182°.52	0°.9/30.3 17		
4 21	17 0.70	−19 13.8	1.983	2.786	14.8	21.5
5 1	16 56.00	−19 18.8	1.895	2.787	11.7	21.3
5 11	16 48.84	−19 22.8	1.829	2.787	8.1	21.1
5 21	16 39.78	−19 25.7	1.787	2.787	4.1	20.9
5 31	16 29.69	−19 27.8	1.773	2.786	0.9	20.6
6 10	16 19.63	−19 30.1	1.786	2.785	4.7	20.9
6 20	16 10.64	−19 34.0	1.827	2.783	8.7	21.1
6 30	16 3.55	−19 41.3	1.891	2.781	12.3	21.3
504705 2009 RT_{39}			5 30.5 220°.62	1°.0/30.9 17		
4 21	16 59.34	−26 4.5	1.906	2.708	15.3	22.1
5 1	16 55.17	−25 53.7	1.814	2.703	12.3	21.9
5 11	16 48.39	−25 35.1	1.742	2.698	8.6	21.7
5 21	16 39.59	−25 8.1	1.695	2.693	4.5	21.4
5 31	16 29.70	−24 33.4	1.674	2.688	1.0	21.1
6 10	16 19.89	−23 53.4	1.681	2.682	4.6	21.4
6 20	16 11.23	−23 12.0	1.714	2.676	8.8	21.6
6 30	16 4.62	−22 33.5	1.771	2.669	12.6	21.8
421294 2013 TN_{11}			5 30.5 293°.86	1°.4/30.8 17		
4 21	16 59.55	−23 16.0	1.558	2.377	17.4	20.8
5 1	16 56.20	−23 48.9	1.463	2.362	14.0	20.5
5 11	16 49.68	−24 20.0	1.387	2.348	9.9	20.2
5 21	16 40.49	−24 47.1	1.334	2.333	5.2	19.9
5 31	16 29.64	−25 8.4	1.306	2.319	1.4	19.6
6 10	16 18.56	−25 23.2	1.304	2.305	5.6	19.8
6 20	16 8.69	−25 32.9	1.326	2.291	10.5	20.1
6 30	16 1.27	−25 40.6	1.371	2.277	15.0	20.3
261454 2005 VY_{50}			5 30.5 167°.00	3°.2/28.9 16		
4 21	16 53.95	−12 2.5	2.798	3.594	11.1	21.4
5 1	16 49.81	−11 30.5	2.712	3.597	8.8	21.2
5 11	16 44.10	−11 0.0	2.650	3.600	6.4	21.1
5 21	16 37.26	−10 32.7	2.613	3.602	4.1	20.9
5 31	16 29.84	−10 10.8	2.605	3.604	3.3	20.9
6 10	16 22.51	− 9 55.8	2.626	3.606	5.0	21.0
6 20	16 15.86	− 9 48.9	2.674	3.607	7.4	21.2
6 30	16 10.42	− 9 50.7	2.747	3.608	9.8	21.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
17800 1998 FG_{66}			5 30.5 278°.28	4°.4/28.3 18		
	h m	° ′			°	m
4 21	16 53.67	−11 42.5	2.271	3.079	13.0	17.5
5 1	16 50.11	−10 49.2	2.175	3.066	10.5	17.3
5 11	16 44.60	− 9 56.3	2.101	3.053	7.7	17.1
5 21	16 37.61	− 9 6.9	2.053	3.040	5.1	16.9
5 31	16 29.82	− 8 24.3	2.032	3.027	4.5	16.8
6 10	16 22.04	− 7 51.7	2.038	3.014	6.5	16.9
6 20	16 15.03	− 7 31.3	2.069	3.000	9.4	17.1
6 30	16 9.49	− 7 24.1	2.125	2.987	12.3	17.2
471428 2011 UD_{48}			5 30.5 239°.85	2°.6/31.4 18		
4 21	16 58.24	−29 4.9	2.483	3.265	12.7	21.6
5 1	16 53.83	−29 32.1	2.382	3.257	10.3	21.4
5 11	16 47.26	−29 53.6	2.304	3.249	7.5	21.2
5 21	16 38.98	−30 7.6	2.251	3.240	4.5	21.0
5 31	16 29.74	−30 12.8	2.225	3.232	2.6	20.9
6 10	16 20.45	−30 9.4	2.228	3.223	4.3	21.0
6 20	16 11.99	−29 59.1	2.258	3.214	7.3	21.1
6 30	16 5.15	−29 44.7	2.314	3.205	10.3	21.3
462587 2009 FB_{66}			5 30.5 145°.47	4°.3/28.9 16		
4 21	16 59.63	−14 44.0	1.647	2.464	16.7	22.0
5 1	16 55.39	−13 48.2	1.572	2.470	13.3	21.8
5 11	16 48.49	−12 51.2	1.518	2.476	9.4	21.6
5 21	16 39.59	−11 56.6	1.487	2.481	5.7	21.4
5 31	16 29.72	−11 8.7	1.483	2.486	4.4	21.3
6 10	16 20.06	−10 31.7	1.505	2.491	7.2	21.5
6 20	16 11.70	−10 8.3	1.551	2.495	11.0	21.7
6 30	16 5.48	−10 0.0	1.620	2.498	14.6	22.0
383917 2008 SG_{128}			5 30.5 247°.92	0°.4/30.3 17		
4 21	16 57.09	−22 44.4	1.970	2.778	14.7	21.4
5 1	16 53.22	−22 21.9	1.878	2.773	11.7	21.2
5 11	16 46.95	−21 53.6	1.808	2.767	8.1	21.0
5 21	16 38.84	−21 20.1	1.762	2.762	4.0	20.7
5 31	16 29.75	−20 42.8	1.743	2.756	0.5	20.4
6 10	16 20.74	−20 4.8	1.751	2.751	4.6	20.7
6 20	16 12.77	−19 29.2	1.786	2.745	8.7	20.9
6 30	16 6.67	−18 59.4	1.844	2.739	12.3	21.2
291697 2006 HP_{116}			5 30.5 145°.53	0°.4/30.3 17		
4 21	16 57.31	−21 28.2	2.015	2.822	14.4	21.7
5 1	16 53.28	−21 19.7	1.929	2.824	11.4	21.5
5 11	16 46.92	−21 7.6	1.866	2.825	7.9	21.3
5 21	16 38.80	−20 52.1	1.827	2.827	3.9	21.0
5 31	16 29.76	−20 34.2	1.815	2.828	0.5	20.8
6 10	16 20.83	−20 16.0	1.830	2.830	4.5	21.1
6 20	16 12.94	−19 59.5	1.872	2.831	8.4	21.3
6 30	16 6.87	−19 47.4	1.938	2.832	11.8	21.5
99303 2001 SJ_{2}			5 30.5 174°.76	0°.6/30.7 18		
4 21	16 59.30	−24 4.0	1.816	2.624	15.7	19.8
5 1	16 55.20	−24 3.0	1.731	2.625	12.5	19.6
5 11	16 48.44	−23 56.3	1.667	2.625	8.7	19.4
5 21	16 39.62	−23 43.6	1.626	2.626	4.5	19.1
5 31	16 29.72	−23 25.1	1.612	2.626	0.6	18.8
6 10	16 19.92	−23 2.8	1.625	2.626	4.7	19.2
6 20	16 11.32	−22 39.7	1.664	2.626	9.0	19.4
6 30	16 4.83	−22 19.3	1.727	2.626	12.8	19.6
255134 2005 UY_{136}			5 30.5 225°.67	2°.4/29.3 16		
4 21	16 54.05	−16 34.1	2.449	3.253	12.3	21.2
5 1	16 50.20	−15 56.1	2.358	3.251	9.7	21.1
5 11	16 44.54	−15 16.4	2.291	3.248	6.8	20.9
5 21	16 37.54	−14 36.9	2.249	3.246	3.8	20.7
5 31	16 29.85	−13 59.9	2.236	3.243	2.5	20.6
6 10	16 22.24	−13 27.9	2.250	3.240	4.8	20.7
6 20	16 15.41	−13 3.0	2.292	3.237	7.8	20.9
6 30	16 9.99	−12 46.8	2.358	3.234	10.7	21.1
483380 2016 TA_{13}			5 30.5 243°.31	2°.7/31.9 18		
4 21	16 57.46	−32 11.4	2.718	3.489	12.0	21.6
5 1	16 53.01	−32 10.8	2.610	3.476	9.8	21.4
5 11	16 46.57	−32 1.4	2.524	3.463	7.2	21.2
5 21	16 38.59	−31 41.9	2.464	3.449	4.5	21.0
5 31	16 29.79	−31 12.0	2.431	3.436	2.7	20.9
6 10	16 21.01	−30 33.0	2.427	3.421	4.1	21.0
6 20	16 13.04	−29 47.7	2.451	3.407	6.9	21.1
6 30	16 6.58	−28 59.7	2.502	3.392	9.7	21.3
475751 2006 WS_{132}			5 30.5 318°.18	0°.1/30.5 16		
4 21	16 55.21	−22 32.3	2.118	2.925	13.8	21.4
5 1	16 51.59	−22 24.6	2.026	2.921	11.0	21.1
5 11	16 45.75	−22 12.7	1.957	2.916	7.6	20.9
5 21	16 38.23	−21 56.8	1.912	2.912	3.8	20.7
5 31	16 29.81	−21 37.6	1.894	2.908	0.2	20.4
6 10	16 21.43	−21 17.0	1.903	2.904	4.2	20.7
6 20	16 14.00	−20 57.4	1.939	2.900	8.0	20.9
6 30	16 8.27	−20 41.3	2.000	2.896	11.4	21.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
501507 2014 DC_{74}			5 30.5 168°.71	3°.8/28.9 18		
	h m	° ′			°	m
4 21	16 55.69	−10 16.4	2.544	3.339	12.1	21.5
5 1	16 51.34	− 9 50.8	2.459	3.342	9.7	21.3
5 11	16 45.25	− 9 28.2	2.397	3.344	7.1	21.1
5 21	16 37.87	− 9 10.6	2.361	3.346	4.7	21.0
5 31	16 29.84	− 9 0.1	2.352	3.348	3.9	20.9
6 10	16 21.88	− 8 58.0	2.372	3.350	5.6	21.1
6 20	16 14.69	− 9 5.0	2.419	3.351	8.2	21.2
6 30	16 8.84	− 9 21.4	2.491	3.352	10.7	21.4
286508 2002 CZ_{18}			5 30.5 54°.75	3°.3/31.9 17		
4 21	16 58.11	−31 25.4	2.075	2.863	14.7	20.5
5 1	16 53.91	−31 42.9	2.005	2.882	11.9	20.3
5 11	16 47.30	−31 51.1	1.956	2.900	8.7	20.2
5 21	16 38.95	−31 48.1	1.931	2.918	5.4	20.0
5 31	16 29.78	−31 33.3	1.932	2.937	3.3	19.9
6 10	16 20.86	−31 8.4	1.961	2.955	4.8	20.0
6 20	16 13.15	−30 36.5	2.016	2.974	7.9	20.2
6 30	16 7.38	−30 1.7	2.095	2.993	10.9	20.5
266505 2008 EL_{40}			5 30.5 290°.61	4°.5/31.8 18		
4 21	16 59.34	−32 0.9	1.610	2.414	17.6	20.2
5 1	16 56.20	−32 25.7	1.510	2.395	14.6	19.9
5 11	16 49.77	−32 39.9	1.429	2.377	10.9	19.6
5 21	16 40.57	−32 39.6	1.370	2.358	7.0	19.4
5 31	16 29.67	−32 22.0	1.336	2.340	4.5	19.2
6 10	16 18.60	−31 47.9	1.326	2.321	6.5	19.2
6 20	16 8.84	−31 1.4	1.341	2.303	10.6	19.4
6 30	16 1.68	−30 9.1	1.378	2.285	14.8	19.6
350995 2003 GF_{45}			5 30.5 100°.14	3°.0/31.6 17		
4 21	16 59.89	−30 16.0	2.440	3.217	13.1	21.5
5 1	16 54.99	−30 49.3	2.361	3.232	10.5	21.4
5 11	16 47.93	−31 15.8	2.305	3.246	7.7	21.2
5 21	16 39.26	−31 33.5	2.274	3.261	4.8	21.1
5 31	16 29.77	−31 41.1	2.271	3.275	3.0	21.0
6 10	16 20.41	−31 39.0	2.296	3.289	4.5	21.1
6 20	16 12.04	−31 29.0	2.349	3.302	7.2	21.3
6 30	16 5.38	−31 14.4	2.427	3.316	10.0	21.5
36972 2000 SF_{302}			5 30.5 107°.60	2°.3/31.3 18		
4 21	17 0.42	−28 23.9	1.932	2.727	15.4	19.8
5 1	16 55.91	−28 34.8	1.854	2.738	12.3	19.6
5 11	16 48.81	−28 37.6	1.797	2.748	8.8	19.4
5 21	16 39.76	−28 30.9	1.765	2.758	5.0	19.2
5 31	16 29.74	−28 14.3	1.758	2.768	2.3	19.0
6 10	16 19.93	−27 49.3	1.779	2.778	4.7	19.2
6 20	16 11.38	−27 19.3	1.827	2.788	8.4	19.4
6 30	16 4.91	−26 48.4	1.899	2.797	11.9	19.6
249148 2008 AY_{63}			5 30.5 296°.40	3°.5/29.2 17		
4 21	16 54.60	−12 46.9	2.174	2.983	13.4	21.0
5 1	16 50.91	−12 21.6	2.086	2.979	10.7	20.8
5 11	16 45.19	−11 58.1	2.019	2.974	7.7	20.6
5 21	16 37.92	−11 38.5	1.978	2.970	4.7	20.5
5 31	16 29.85	−11 24.8	1.963	2.966	3.6	20.4
6 10	16 21.81	−11 19.1	1.975	2.961	5.7	20.5
6 20	16 14.63	−11 22.5	2.014	2.957	8.9	20.7
6 30	16 8.99	−11 35.5	2.076	2.953	11.9	20.9
518601 2007 VM_{339}			5 30.5 129°.51	1°.5/31.2 17		
4 21	16 58.37	−27 17.8	2.697	3.477	11.9	22.4
5 1	16 53.46	−27 24.8	2.615	3.491	9.5	22.2
5 11	16 46.70	−27 26.1	2.556	3.504	6.7	22.1
5 21	16 38.58	−27 21.0	2.523	3.517	3.7	21.9
5 31	16 29.81	−27 9.4	2.518	3.529	1.5	21.7
6 10	16 21.19	−26 52.5	2.542	3.541	3.5	21.9
6 20	16 13.43	−26 32.2	2.595	3.552	6.5	22.1
6 30	16 7.16	−26 11.1	2.674	3.563	9.2	22.3
187279 2005 TE_{57}			5 30.5 211°.18	3°.8/28.4 18		
4 21	16 53.85	−11 43.4	2.653	3.452	11.6	21.1
5 1	16 49.86	−10 55.7	2.562	3.448	9.3	20.9
5 11	16 44.23	−10 8.8	2.494	3.444	6.7	20.8
5 21	16 37.37	− 9 25.1	2.453	3.439	4.5	20.6
5 31	16 29.88	− 8 47.4	2.439	3.434	3.8	20.6
6 10	16 22.46	− 8 18.0	2.454	3.429	5.6	20.7
6 20	16 15.73	− 7 58.8	2.496	3.424	8.1	20.8
6 30	16 10.27	− 7 50.4	2.562	3.418	10.6	21.0
65297 2002 JB_{31}			5 30.5 349°.33	0°.1/30.5 18		
4 21	16 52.08	−21 48.8	1.728	2.555	15.6	18.7
5 1	16 49.71	−21 57.0	1.640	2.545	12.4	18.4
5 11	16 44.81	−22 2.3	1.572	2.537	8.6	18.2
5 21	16 37.89	−22 4.4	1.528	2.529	4.3	17.9
5 31	16 29.85	−22 3.7	1.509	2.523	0.2	17.6
6 10	16 21.79	−22 1.4	1.515	2.517	4.8	17.9
6 20	16 14.81	−21 59.3	1.547	2.513	9.1	18.2
6 30	16 9.80	−21 59.9	1.600	2.510	13.0	18.4

464661 2001 SE_{102} 5 30.5 313°.20 5°.6/28.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 53.26	−13 34.8	1.429	2.268	17.7	21.5
5 1	16 51.14	−12 30.2	1.336	2.246	14.3	21.2
5 11	16 46.10	−11 22.8	1.262	2.225	10.5	20.9
5 21	16 38.67	−10 17.4	1.211	2.204	6.8	20.6
5 31	16 29.80	− 9 20.1	1.183	2.184	5.8	20.5
6 10	16 20.82	− 8 36.9	1.179	2.164	8.8	20.6
6 20	16 12.99	− 8 12.1	1.198	2.145	13.2	20.8
6 30	16 7.43	− 8 7.6	1.237	2.127	17.4	21.0

63575 2001 QQ_{27} 5 30.5 145°.13 6°.0/ 1.4 18

4 21	17 5.45	−36 52.1	2.086	2.846	15.5	19.4
5 1	17 0.16	−37 46.1	2.004	2.854	13.0	19.2
5 11	16 51.95	−38 29.4	1.942	2.862	10.1	19.1
5 21	16 41.43	−38 57.3	1.904	2.869	7.5	18.9
5 31	16 29.67	−39 6.3	1.892	2.876	6.0	18.8
6 10	16 17.99	−38 56.4	1.907	2.882	6.9	18.9
6 20	16 7.63	−38 30.4	1.948	2.888	9.3	19.1
6 30	15 59.60	−37 53.8	2.013	2.894	12.1	19.3

63991 2001 SB_{108} 5 30.5 191°.46 0°.8/30.1 18

4 21	16 59.68	−22 12.9	2.372	3.163	13.0	18.9
5 1	16 54.73	−21 36.5	2.276	3.162	10.3	18.7
5 11	16 47.71	−20 54.4	2.203	3.159	7.1	18.5
5 21	16 39.15	−20 7.5	2.157	3.156	3.5	18.3
5 31	16 29.81	−19 17.8	2.140	3.153	0.9	18.1
6 10	16 20.58	−18 28.3	2.151	3.148	4.2	18.3
6 20	16 12.29	−17 42.2	2.191	3.143	7.8	18.5
6 30	16 5.61	−17 2.6	2.256	3.137	10.9	18.7

280351 2003 SH_{279} 5 30.5 283°.81 3°.3/29.4 18

4 21	16 55.80	−14 56.7	1.898	2.713	14.9	21.1
5 1	16 52.30	−14 27.8	1.802	2.700	11.9	20.9
5 11	16 46.42	−13 58.6	1.729	2.688	8.4	20.6
5 21	16 38.66	−13 31.4	1.679	2.675	4.9	20.4
5 31	16 29.83	−13 8.8	1.655	2.662	3.3	20.2
6 10	16 20.97	−12 53.3	1.658	2.649	6.1	20.4
6 20	16 13.07	−12 47.0	1.687	2.636	9.9	20.6
6 30	16 6.97	−12 51.3	1.738	2.623	13.5	20.8

515447 2013 UY_{15} 5 30.5 223°.45 0°.7/30.9 18

4 21	16 49.85	−24 57.4	4.617	5.394	7.3	21.1
5 1	16 46.13	−25 11.9	4.516	5.392	5.8	21.0
5 11	16 41.38	−25 24.0	4.441	5.390	4.0	20.9
5 21	16 35.88	−25 33.5	4.393	5.388	2.1	20.7
5 31	16 29.99	−25 40.4	4.374	5.386	0.7	20.6
6 10	16 24.09	−25 45.0	4.386	5.384	2.2	20.7
6 20	16 18.58	−25 47.8	4.427	5.382	4.1	20.9
6 30	16 13.80	−25 49.7	4.495	5.380	5.8	21.0

440210 2004 ND_{31} 5 30.5 291°.38 6°.9/ 2.8 18

4 21	16 59.96	−42 51.5	2.343	3.083	14.5	20.5
5 1	16 55.84	−43 19.0	2.237	3.066	12.6	20.3
5 11	16 49.00	−43 32.2	2.150	3.048	10.3	20.1
5 21	16 39.99	−43 27.1	2.085	3.031	8.2	20.0
5 31	16 29.76	−43 0.7	2.046	3.014	7.0	19.9
6 10	16 19.53	−42 13.4	2.032	2.997	7.4	19.9
6 20	16 10.46	−41 8.5	2.045	2.980	9.3	19.9
6 30	16 3.52	−39 52.1	2.081	2.963	11.7	20.1

70724 1999 VS_{1} 5 30.5 227°.78 1°.3/29.9 18

4 21	16 57.42	−20 10.9	2.297	3.097	13.1	20.1
5 1	16 53.11	−19 40.6	2.197	3.088	10.4	19.9
5 11	16 46.71	−19 6.1	2.120	3.078	7.2	19.7
5 21	16 38.71	−18 28.6	2.068	3.068	3.7	19.5
5 31	16 29.84	−17 49.9	2.045	3.057	1.4	19.3
6 10	16 21.00	−17 12.7	2.049	3.046	4.5	19.5
6 20	16 13.03	−16 39.7	2.082	3.034	8.1	19.7
6 30	16 6.64	−16 13.6	2.139	3.022	11.4	19.9

334000 2000 TK_{30} 5 30.5 151°.18 4°.7/27.7 18

4 21	16 53.95	− 6 10.8	3.060	3.844	10.5	21.8
5 1	16 49.60	− 5 19.7	2.982	3.853	8.6	21.7
5 11	16 43.86	− 4 32.4	2.929	3.861	6.6	21.6
5 21	16 37.13	− 3 51.5	2.901	3.869	5.1	21.5
5 31	16 29.93	− 3 19.4	2.902	3.877	4.8	21.5
6 10	16 22.85	− 2 58.1	2.932	3.884	6.0	21.6
6 20	16 16.40	− 2 48.3	2.988	3.891	7.9	21.7
6 30	16 11.04	− 2 50.1	3.069	3.897	9.8	21.8

306322 2011 SA_{98} 5 30.5 165°.73 3°.8/28.6 17

4 21	16 54.58	−10 58.9	2.595	3.393	11.8	21.7
5 1	16 50.44	−10 18.6	2.511	3.395	9.5	21.6
5 11	16 44.62	− 9 40.2	2.450	3.398	6.9	21.4
5 21	16 37.57	− 9 6.0	2.415	3.401	4.6	21.3
5 31	16 29.92	− 8 38.4	2.408	3.403	3.9	21.2
6 10	16 22.36	− 8 19.6	2.429	3.404	5.6	21.3
6 20	16 15.54	− 8 10.7	2.477	3.406	8.1	21.5
6 30	16 10.02	− 8 12.2	2.549	3.407	10.6	21.7

99590 2002 GG_{21} 5 30.5 9°.26 1°.3/30.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 53.63	−25 11.9	1.090	1.943	21.1	18.5
5 1	16 52.30	−25 13.6	1.025	1.944	16.8	18.2
5 11	16 47.28	−25 6.2	0.977	1.947	11.8	17.9
5 21	16 39.32	−24 48.8	0.949	1.950	6.1	17.6
5 31	16 29.82	−24 22.1	0.942	1.955	1.3	17.3
6 10	16 20.57	−23 49.8	0.958	1.962	6.3	17.7
6 20	16 13.16	−23 17.2	0.995	1.969	11.8	18.0
6 30	16 8.77	−22 49.6	1.051	1.978	16.7	18.3

517305 2014 HR_{142} 5 30.5 50°.47 1°.9/29.5 17

4 21	16 54.26	−18 56.4	2.238	3.047	13.1	21.0
5 1	16 50.52	−18 13.7	2.156	3.051	10.3	20.9
5 11	16 44.83	−17 27.6	2.096	3.056	7.1	20.7
5 21	16 37.72	−16 39.9	2.062	3.061	3.8	20.5
5 31	16 29.92	−15 53.4	2.056	3.066	2.0	20.3
6 10	16 22.27	−15 11.0	2.077	3.071	4.7	20.5
6 20	16 15.54	−14 35.5	2.125	3.076	8.0	20.7
6 30	16 10.35	−14 9.0	2.198	3.081	11.1	20.9

208873 2002 TP_{33} 5 30.5 209°.65 3°.9/ 1.0 16

4 21	17 0.32	−33 32.5	2.444	3.212	13.3	21.4
5 1	16 55.60	−34 0.7	2.346	3.207	10.9	21.3
5 11	16 48.55	−34 20.4	2.270	3.202	8.2	21.1
5 21	16 39.68	−34 28.9	2.218	3.197	5.6	20.9
5 31	16 29.81	−34 24.7	2.194	3.191	3.9	20.8
6 10	16 19.93	−34 8.1	2.198	3.186	5.1	20.9
6 20	16 11.01	−33 41.4	2.229	3.179	7.7	21.0
6 30	16 3.86	−33 8.5	2.285	3.173	10.6	21.2

80275 1999 XY_{31} 5 30.5 148°.73 0°.6/30.3 18 R

4 21	17 1.03	−21 27.3	1.983	2.783	14.9	19.8
5 1	16 56.16	−21 12.7	1.902	2.792	11.8	19.6
5 11	16 48.88	−20 54.0	1.843	2.800	8.1	19.4
5 21	16 39.79	−20 31.7	1.808	2.808	4.0	19.2
5 31	16 29.81	−20 6.8	1.801	2.815	0.7	18.9
6 10	16 20.01	−19 41.8	1.822	2.821	4.6	19.3
6 20	16 11.37	−19 19.2	1.870	2.827	8.6	19.5
6 30	16 4.66	−19 1.8	1.943	2.832	12.1	19.7

143538 2003 EG_{25} 5 30.5 62°.98 4°.7/28.8 18

4 21	16 54.71	− 8 52.1	2.218	3.022	13.4	19.8
5 1	16 50.85	− 8 22.0	2.138	3.025	10.8	19.6
5 11	16 45.07	− 7 56.3	2.081	3.028	8.0	19.5
5 21	16 37.86	− 7 37.6	2.048	3.031	5.5	19.3
5 31	16 29.92	− 7 28.3	2.041	3.034	4.8	19.3
6 10	16 22.08	− 7 30.1	2.062	3.037	6.5	19.4
6 20	16 15.09	− 7 43.4	2.109	3.040	9.2	19.5
6 30	16 9.61	− 8 8.0	2.179	3.043	11.9	19.7

264286 1998 QN_{5} 5 30.5 254°.88 7°.4/ 2.3 18

4 21	17 5.13	−41 2.8	1.938	2.690	16.8	21.1
5 1	17 0.59	−41 36.1	1.832	2.673	14.4	20.9
5 11	16 52.70	−41 54.4	1.745	2.655	11.7	20.6
5 21	16 42.02	−41 52.0	1.679	2.636	9.0	20.4
5 31	16 29.69	−41 24.6	1.639	2.616	7.4	20.3
6 10	16 17.26	−40 32.2	1.624	2.597	8.1	20.3
6 20	16 6.26	−39 19.2	1.634	2.576	10.7	20.4
6 30	15 57.91	−37 53.4	1.668	2.556	13.8	20.5

174453 2002 XQ_{79} 5 30.5 130°.86 2°.1/29.9 18

4 21	16 58.48	−14 3.7	2.643	3.433	11.8	20.5
5 1	16 53.44	−14 7.4	2.563	3.446	9.4	20.4
5 11	16 46.65	−14 13.0	2.506	3.459	6.5	20.2
5 21	16 38.59	−14 21.2	2.476	3.471	3.6	20.0
5 31	16 29.89	−14 32.6	2.475	3.483	2.1	19.9
6 10	16 21.30	−14 47.6	2.503	3.494	4.3	20.1
6 20	16 13.51	−15 6.6	2.559	3.505	7.1	20.3
6 30	16 7.09	−15 29.9	2.641	3.515	9.8	20.5

380651 2004 YS_{27} 5 30.5 225°.71 2°.9/31.9 18

4 21	17 0.22	−32 12.2	2.267	3.043	13.9	21.2
5 1	16 55.60	−32 6.2	2.165	3.035	11.4	21.0
5 11	16 48.57	−31 49.5	2.085	3.026	8.4	20.8
5 21	16 39.69	−31 20.5	2.029	3.017	5.1	20.6
5 31	16 29.83	−30 38.8	2.001	3.007	2.9	20.4
6 10	16 20.03	−29 46.6	2.001	2.997	4.6	20.5
6 20	16 11.29	−28 47.8	2.028	2.986	7.9	20.7
6 30	16 4.43	−27 47.3	2.081	2.975	11.2	20.9

264938 2002 VV_{71} 5 30.5 281°.53 1°.5/30.1 18

4 21	16 58.90	−18 58.7	1.687	2.504	16.4	21.0
5 1	16 55.40	−18 50.7	1.580	2.480	13.2	20.7
5 11	16 49.02	−18 40.6	1.493	2.454	9.2	20.4
5 21	16 40.18	−18 29.0	1.429	2.429	4.8	20.1
5 31	16 29.79	−18 17.0	1.390	2.403	1.5	19.8
6 10	16 19.11	−18 6.7	1.378	2.377	5.8	20.0
6 20	16 9.42	−18 0.3	1.391	2.350	10.6	20.2
6 30	16 1.88	−18 0.7	1.426	2.324	15.1	20.4

121047 1999 CM_{41} 5 30.5 72°.55 2°.4/31.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	17 3.04	−26 5.8	1.352	2.172	19.5	18.9
5 1	16 59.00	−26 34.0	1.288	2.186	15.6	18.7
5 11	16 51.49	−26 55.4	1.242	2.201	11.0	18.5
5 21	16 41.29	−27 7.2	1.218	2.216	6.0	18.2
5 31	16 29.75	−27 7.8	1.219	2.230	2.4	18.0
6 10	16 18.56	−26 58.6	1.244	2.245	5.9	18.3
6 20	16 9.16	−26 43.2	1.294	2.260	10.6	18.6
6 30	16 2.63	−26 26.5	1.366	2.275	14.8	18.9

439909 2000 YX_{133} 5 30.5 119°.13 13°.1/ 6.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 14.12	−50 18.4	1.194	1.946	25.3	20.8
5 1	17 10.05	−50 55.3	1.126	1.952	22.4	20.6
5 11	17 0.27	−51 1.0	1.071	1.959	19.1	20.4
5 21	16 45.94	−50 23.6	1.032	1.965	15.9	20.2
5 31	16 29.52	−48 55.1	1.012	1.970	13.5	20.1
6 10	16 14.14	−46 38.7	1.015	1.976	13.2	20.1
6 20	16 2.25	−43 48.7	1.039	1.981	15.2	20.2
6 30	15 55.17	−40 45.0	1.084	1.986	18.4	20.4

15234 1988 BJ_5 5 30.5 93°.21 3°.6/ 1.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 0.12	−33 39.4	1.927	2.712	15.8	18.2
5 1	16 55.81	−33 32.2	1.845	2.718	12.9	18.0
5 11	16 48.80	−33 11.9	1.784	2.725	9.5	17.8
5 21	16 39.80	−32 36.7	1.746	2.731	6.0	17.6
5 31	16 29.84	−31 46.6	1.734	2.738	3.6	17.4
6 10	16 20.16	−30 44.6	1.749	2.744	5.2	17.5
6 20	16 11.83	−29 35.9	1.790	2.751	8.6	17.8
6 30	16 5.69	−28 26.6	1.857	2.757	12.0	18.0

235353 2003 UZ_{303} 5 30.5 223°.32 2°.5/31.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 58.97	−28 52.5	2.103	2.895	14.4	21.0
5 1	16 54.77	−29 7.3	2.010	2.891	11.7	20.8
5 11	16 48.09	−29 14.8	1.939	2.887	8.4	20.6
5 21	16 39.50	−29 13.1	1.891	2.884	4.9	20.4
5 31	16 29.86	−29 1.5	1.871	2.880	2.5	20.2
6 10	16 20.25	−28 41.1	1.878	2.876	4.6	20.4
6 20	16 11.69	−28 14.5	1.911	2.871	8.2	20.6
6 30	16 5.04	−27 45.7	1.970	2.867	11.5	20.8

505682 2014 WJ_{138} 5 30.5 351°.57 0°.2/30.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.66	−23 30.4	1.065	1.926	20.9	20.3
5 1	16 50.10	−23 21.2	0.993	1.917	16.7	20.0
5 11	16 45.91	−23 3.4	0.938	1.910	11.7	19.7
5 21	16 38.74	−22 37.4	0.901	1.905	5.9	19.3
5 31	16 29.89	−22 5.0	0.887	1.901	0.3	18.9
6 10	16 21.12	−21 30.3	0.894	1.898	6.5	19.3
6 20	16 14.08	−20 58.6	0.921	1.897	12.3	19.6
6 30	16 10.01	−20 35.1	0.968	1.898	17.4	19.9

497044 2003 SR_{278} 5 30.5 268°.84 2°.8/31.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 2.05	−29 0.7	1.751	2.549	16.6	22.7
5 1	16 58.10	−29 12.3	1.640	2.524	13.6	22.5
5 11	16 51.00	−29 15.3	1.548	2.499	9.9	22.2
5 21	16 41.23	−29 6.8	1.479	2.473	5.8	21.9
5 31	16 29.76	−28 45.0	1.436	2.446	2.8	21.6
6 10	16 17.98	−28 10.8	1.420	2.419	5.6	21.7
6 20	16 7.32	−27 28.0	1.429	2.391	10.2	21.9
6 30	15 59.03	−26 42.5	1.461	2.362	14.6	22.1

295740 2008 UL_{88} 5 30.5 9°.81 1°.4/30.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 57.58	−18 30.2	1.108	1.957	21.0	21.0
5 1	16 55.32	−18 37.7	1.040	1.958	16.7	20.7
5 11	16 49.36	−18 45.2	0.989	1.959	11.6	20.4
5 21	16 40.41	−18 53.3	0.959	1.961	5.9	20.1
5 31	16 29.81	−19 2.2	0.951	1.964	1.5	19.9
6 10	16 19.34	−19 13.4	0.965	1.967	6.8	20.2
6 20	16 10.65	−19 28.5	1.001	1.971	12.4	20.5
6 30	16 4.99	−19 49.2	1.057	1.976	17.3	20.8

477617 2010 LT_5 5 30.5 249°.95 2°.3/31.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 56.81	−30 52.6	2.553	3.332	12.5	21.2
5 1	16 52.61	−30 47.1	2.450	3.323	10.1	21.0
5 11	16 46.36	−30 32.7	2.369	3.313	7.4	20.8
5 21	16 38.55	−30 8.6	2.313	3.303	4.4	20.6
5 31	16 29.92	−29 34.7	2.285	3.292	2.4	20.4
6 10	16 21.33	−28 52.8	2.285	3.282	4.0	20.5
6 20	16 13.60	−28 5.7	2.313	3.271	7.0	20.7
6 30	16 7.44	−27 17.4	2.366	3.260	10.0	20.9

33533 1999 HV_3 5 30.5 71°.07 3°.0/31.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 4.05	−26 34.7	1.357	2.175	19.6	18.7
5 1	16 59.84	−27 17.3	1.295	2.191	15.7	18.5
5 11	16 52.09	−27 53.5	1.250	2.207	11.2	18.3
5 21	16 41.61	−28 19.7	1.228	2.224	6.3	18.1
5 31	16 29.76	−28 33.2	1.230	2.240	3.0	17.9
6 10	16 18.23	−28 34.5	1.257	2.257	6.1	18.1
6 20	16 8.53	−28 26.9	1.308	2.273	10.6	18.4
6 30	16 1.75	−28 15.5	1.382	2.289	14.8	18.7

496884 2000 TW_{32} 5 30.5 210°.98 2°.1/31.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	17 1.63	−28 26.8	2.637	3.409	12.3	23.0
5 1	16 56.36	−28 44.7	2.531	3.400	9.9	22.8
5 11	16 48.95	−28 56.8	2.447	3.391	7.2	22.6
5 21	16 39.87	−29 1.5	2.390	3.381	4.2	22.4
5 31	16 29.85	−28 57.9	2.362	3.370	2.1	22.3
6 10	16 19.78	−28 46.5	2.362	3.358	4.0	22.4
6 20	16 10.52	−28 29.1	2.392	3.346	7.1	22.5
6 30	16 2.83	−28 8.7	2.447	3.333	10.0	22.7

502056 2015 AW_{166} 5 30.5 174°.14 0°.6/30.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 1.29	−24 11.5	2.070	2.865	14.5	22.4
5 1	16 56.43	−24 11.4	1.981	2.867	11.6	22.2
5 11	16 49.14	−24 6.1	1.915	2.870	8.0	22.0
5 21	16 39.99	−23 55.1	1.873	2.871	4.1	21.7
5 31	16 29.86	−23 38.5	1.859	2.872	0.6	21.5
6 10	16 19.82	−23 17.9	1.873	2.873	4.3	21.7
6 20	16 10.88	−22 56.1	1.914	2.873	8.2	22.0
6 30	16 3.85	−22 36.0	1.980	2.872	11.7	22.2

94185 2001 AE_{43} 5 30.5 23°.48 6°.8/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 59.69	−42 24.2	2.268	3.012	14.8	19.1
5 1	16 55.52	−42 54.0	2.182	3.015	12.7	18.9
5 11	16 48.67	−43 9.3	2.116	3.017	10.4	18.8
5 21	16 39.79	−43 6.1	2.072	3.020	8.2	18.7
5 31	16 29.87	−42 42.5	2.053	3.023	6.8	18.6
6 10	16 20.13	−41 59.2	2.060	3.026	7.2	18.6
6 20	16 11.67	−41 0.1	2.093	3.029	9.0	18.7
6 30	16 5.34	−39 51.0	2.150	3.032	11.3	18.9

408864 2001 SR_{288} 5 30.5 274°.76 1°.4/30.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 59.14	−22 0.1	1.473	2.298	18.0	21.6
5 1	16 55.97	−21 22.2	1.373	2.278	14.4	21.3
5 11	16 49.59	−20 35.4	1.293	2.257	10.1	21.0
5 21	16 40.53	−19 40.7	1.235	2.236	5.2	20.6
5 31	16 29.84	−18 40.9	1.202	2.215	1.5	20.3
6 10	16 18.99	−17 41.0	1.195	2.194	6.3	20.6
6 20	16 9.42	−16 46.9	1.211	2.172	11.7	20.8
6 30	16 2.35	−16 4.1	1.249	2.151	16.5	21.0

62802 2000 UG_{37} 5 30.5 279°.76 2°.2/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 56.81	−18 16.8	1.845	2.661	15.2	19.3
5 1	16 53.32	−17 47.3	1.743	2.642	12.2	19.0
5 11	16 47.28	−17 14.5	1.662	2.623	8.5	18.8
5 21	16 39.20	−16 39.9	1.605	2.604	4.5	18.5
5 31	16 29.92	−16 5.9	1.574	2.585	2.3	18.3
6 10	16 20.53	−15 35.7	1.570	2.565	5.7	18.5
6 20	16 12.12	−15 12.2	1.591	2.546	9.9	18.7
6 30	16 5.62	−14 58.3	1.635	2.526	13.8	18.9

102963 1999 XU_{66} 5 30.5 203°.58 0°.4/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 0.98	−21 3.8	1.904	2.708	15.3	20.6
5 1	16 56.45	−21 2.2	1.813	2.705	12.2	20.4
5 11	16 49.32	−20 57.6	1.742	2.701	8.4	20.1
5 21	16 40.16	−20 49.8	1.697	2.696	4.2	19.9
5 31	16 29.88	−20 39.4	1.678	2.691	0.5	19.6
6 10	16 19.61	−20 27.9	1.686	2.686	4.8	19.9
6 20	16 10.43	−20 17.5	1.722	2.680	9.0	20.1
6 30	16 3.27	−20 10.8	1.781	2.674	12.8	20.3

1474 Beira 5 30.5 235°.67 8°.7/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 14.12	−54 31.4	3.217	3.850	12.7	18.9
5 1	17 6.99	−55 22.6	3.102	3.829	11.6	18.7
5 11	16 56.73	−55 59.3	3.006	3.808	10.4	18.6
5 21	16 43.95	−56 16.3	2.931	3.786	9.3	18.5
5 31	16 29.69	−56 9.0	2.881	3.762	8.7	18.4
6 10	16 15.36	−55 36.1	2.856	3.738	8.8	18.4
6 20	16 2.33	−54 39.9	2.856	3.713	9.6	18.4
6 30	15 51.70	−53 25.4	2.880	3.687	10.9	18.5

336678 2010 AR_{37} 5 30.5 100°.18 1°.3/30.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 58.97	−18 40.9	2.013	2.819	14.5	21.2
5 1	16 54.45	−18 34.8	1.940	2.833	11.4	21.0
5 11	16 47.66	−18 27.4	1.888	2.847	7.9	20.8
5 21	16 39.20	−18 19.3	1.861	2.860	4.0	20.6
5 31	16 29.95	−18 11.5	1.861	2.873	1.3	20.4
6 10	16 20.88	−18 5.4	1.889	2.887	4.6	20.7
6 20	16 12.92	−18 2.7	1.944	2.899	8.3	20.9
6 30	16 6.77	−18 5.0	2.023	2.912	11.6	21.2

84211 2002 RV_{141} 5 30.5 218°.44 0°.3/30.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 0.11	−24 18.4	1.856	2.661	15.6	20.3
5 1	16 55.88	−24 3.2	1.764	2.655	12.4	20.1
5 11	16 48.98	−23 41.0	1.692	2.649	8.7	19.8
5 21	16 40.01	−23 11.8	1.644	2.643	4.4	19.6
5 31	16 29.90	−22 36.5	1.623	2.636	0.3	19.2
6 10	16 19.85	−21 57.8	1.629	2.629	4.8	19.6
6 20	16 10.96	−21 19.6	1.661	2.622	9.1	19.8
6 30	16 4.15	−20 45.8	1.717	2.614	13.0	20.0

304738 2006 XO_{47} 5 30.5 146°.84 0°.5/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 56.30	−24 33.9	2.594	3.384	12.0	21.6
5 1	16 51.96	−24 24.5	2.506	3.390	9.5	21.5
5 11	16 45.77	−24 10.1	2.441	3.395	6.6	21.3
5 21	16 38.22	−23 50.8	2.402	3.400	3.4	21.1
5 31	16 30.00	−23 27.2	2.391	3.404	0.5	20.9
6 10	16 21.89	−23 1.1	2.409	3.409	3.5	21.1
6 20	16 14.62	−22 34.6	2.455	3.413	6.7	21.3
6 30	16 8.79	−22 10.2	2.526	3.417	9.6	21.5

103075 1999 XC_{152} 5 30.5 74°.13 0°.9/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 0.52	−23 2.5	1.873	2.678	15.5	20.3
5 1	16 55.96	−23 26.8	1.803	2.694	12.2	20.1
5 11	16 48.86	−23 48.0	1.754	2.711	8.5	19.9
5 21	16 39.86	−24 4.7	1.729	2.727	4.3	19.7
5 31	16 29.92	−24 16.1	1.731	2.744	0.9	19.4
6 10	16 20.19	−24 22.8	1.760	2.760	4.5	19.7
6 20	16 11.68	−24 26.4	1.816	2.777	8.4	20.0
6 30	16 5.23	−24 29.4	1.895	2.793	11.9	20.2

509527 2007 XW_{58} 5 30.5 298°.00 4°.9/29.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.44	− 8 18.7	2.112	2.917	13.9	21.3
5 1	16 51.69	− 7 59.0	2.021	2.908	11.3	21.1
5 11	16 45.84	− 7 44.7	1.952	2.899	8.4	20.9
5 21	16 38.37	− 7 38.3	1.907	2.890	5.8	20.8
5 31	16 30.00	− 7 42.3	1.888	2.882	5.0	20.7
6 10	16 21.62	− 7 57.9	1.896	2.873	6.8	20.8
6 20	16 14.08	− 8 25.4	1.930	2.865	9.7	20.9
6 30	16 8.11	− 9 4.1	1.987	2.856	12.7	21.1

404746 2014 JG_{31} 5 30.5 296°.66 1°.3/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 57.64	−24 15.2	2.302	3.098	13.2	20.9
5 1	16 53.47	−24 44.4	2.208	3.094	10.5	20.7
5 11	16 47.10	−25 10.9	2.135	3.089	7.4	20.5
5 21	16 39.02	−25 33.2	2.088	3.085	4.0	20.3
5 31	16 29.97	−25 50.3	2.069	3.081	1.3	20.1
6 10	16 20.88	−26 2.4	2.078	3.077	4.0	20.3
6 20	16 12.65	−26 10.3	2.114	3.073	7.5	20.5
6 30	16 6.06	−26 16.1	2.175	3.069	10.7	20.7

273834 2007 GO_{25} 5 30.5 351°.80 1°.2/30.9 17 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.58	−26 13.6	1.280	2.124	19.1	19.4
5 1	16 50.29	−26 1.2	1.202	2.116	15.3	19.2
5 11	16 45.74	−25 38.0	1.142	2.109	10.8	18.9
5 21	16 38.58	−25 3.6	1.102	2.103	5.7	18.6
5 31	16 29.99	−24 19.5	1.086	2.099	1.2	18.3
6 10	16 21.50	−23 29.9	1.092	2.096	5.8	18.6
6 20	16 14.53	−22 40.5	1.122	2.095	11.0	18.8
6 30	16 10.19	−21 57.2	1.172	2.095	15.6	19.1

94093 2000 YO_{63} 5 30.5 135°.88 2°.0/31.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 56.78	−29 25.8	2.709	3.488	11.9	19.9
5 1	16 52.34	−29 29.0	2.621	3.495	9.5	19.7
5 11	16 46.03	−29 25.2	2.556	3.501	6.8	19.6
5 21	16 38.36	−29 13.7	2.517	3.508	4.0	19.4
5 31	16 30.01	−28 54.4	2.505	3.514	2.0	19.3
6 10	16 21.78	−28 28.6	2.523	3.520	3.7	19.4
6 20	16 14.39	−27 58.6	2.568	3.526	6.5	19.6
6 30	16 8.47	−27 27.3	2.639	3.531	9.2	19.8

141830 2002 OH 5 30.5 264°.28 1°.3/30.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 1.58	−24 17.2	1.798	2.601	16.0	20.9
5 1	16 57.50	−24 37.3	1.691	2.581	13.0	20.7
5 11	16 50.47	−24 53.9	1.604	2.560	9.2	20.4
5 21	16 40.96	−25 5.0	1.541	2.539	4.9	20.1
5 31	16 29.87	−25 9.3	1.504	2.517	1.3	19.8
6 10	16 18.50	−25 7.1	1.494	2.495	5.1	20.0
6 20	16 8.16	−25 0.4	1.510	2.472	9.8	20.2
6 30	16 0.00	−24 52.6	1.550	2.449	14.0	20.4

399642 2004 QP_{19} 5 30.5 309°.36 5°.9/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 59.20	− 3 38.8	2.079	2.868	14.6	20.4
5 1	16 54.87	− 3 47.4	1.972	2.845	12.2	20.2
5 11	16 48.22	− 4 7.4	1.886	2.822	9.4	20.0
5 21	16 39.67	− 4 41.3	1.825	2.800	6.9	19.8
5 31	16 29.94	− 5 30.7	1.790	2.777	5.9	19.6
6 10	16 20.00	− 6 35.6	1.782	2.755	7.5	19.7
6 20	16 10.81	− 7 54.2	1.802	2.733	10.5	19.8
6 30	16 3.26	− 9 23.6	1.846	2.711	13.7	20.0

311438 2005 UN_{228} 5 30.5 174°.93 1°.0/30.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.97	−19 10.3	2.883	3.676	10.9	22.0
5 1	16 50.68	−18 55.7	2.791	3.678	8.6	21.8
5 11	16 44.79	−18 39.2	2.723	3.679	5.9	21.7
5 21	16 37.72	−18 21.6	2.681	3.680	3.0	21.5
5 31	16 30.05	−18 3.9	2.669	3.681	1.1	21.3
6 10	16 22.45	−17 47.6	2.685	3.681	3.6	21.5
6 20	16 15.53	−17 34.0	2.730	3.681	6.4	21.7
6 30	16 9.84	−17 24.7	2.800	3.681	9.1	21.9

470198 2006 VB_{51} 5 30.5 217°.17 1°.3/31.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 57.81	−29 34.7	2.462	3.244	12.8	20.9
5 1	16 53.31	−28 57.1	2.364	3.241	10.3	20.7
5 11	16 46.77	−28 9.1	2.289	3.238	7.3	20.5
5 21	16 38.75	−27 10.9	2.240	3.234	4.0	20.3
5 31	16 30.00	−26 4.1	2.219	3.231	1.3	20.1
6 10	16 21.42	−24 51.8	2.227	3.227	3.8	20.2
6 20	16 13.81	−23 38.4	2.264	3.224	7.1	20.4
6 30	16 7.81	−22 28.4	2.328	3.220	10.2	20.6

130793 2000 TL_{31} 5 30.5 53°.21 2°.1/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 1.94	−24 21.6	1.332	2.157	19.5	19.9
5 1	16 58.32	−25 1.8	1.263	2.165	15.6	19.6
5 11	16 51.19	−25 38.2	1.214	2.174	11.0	19.4
5 21	16 41.28	−26 7.6	1.185	2.184	5.9	19.1
5 31	16 29.88	−26 27.8	1.181	2.193	2.1	18.9
6 10	16 18.67	−26 38.5	1.202	2.203	5.9	19.2
6 20	16 9.16	−26 42.2	1.247	2.213	10.8	19.5
6 30	16 2.52	−26 42.9	1.313	2.224	15.2	19.8

133704 2003 UK_{234} 5 30.5 32°.71 1°.0/30.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 57.42	−25 16.6	1.891	2.698	15.2	20.9
5 1	16 53.66	−25 13.6	1.807	2.699	12.1	20.7
5 11	16 47.38	−25 4.2	1.743	2.701	8.5	20.4
5 21	16 39.19	−24 47.9	1.704	2.703	4.4	20.2
5 31	16 29.99	−24 25.1	1.691	2.704	1.0	20.0
6 10	16 20.91	−23 57.9	1.705	2.706	4.5	20.2
6 20	16 12.98	−23 29.4	1.745	2.708	8.6	20.5
6 30	16 7.03	−23 3.1	1.809	2.710	12.2	20.7

497359 2005 UJ_{223} 5 30.5 282°.00 2°.1/31.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 58.92	−27 6.8	1.716	2.525	16.5	21.7
5 1	16 55.36	−27 18.8	1.624	2.516	13.3	21.4
5 11	16 48.89	−27 23.5	1.552	2.508	9.5	21.2
5 21	16 40.08	−27 19.1	1.503	2.499	5.3	20.9
5 31	16 29.94	−27 4.7	1.480	2.491	2.1	20.7
6 10	16 19.78	−26 41.9	1.482	2.483	5.2	20.9
6 20	16 10.84	−26 13.9	1.510	2.474	9.5	21.1
6 30	16 4.18	−25 45.3	1.561	2.466	13.6	21.3

357778 2005 SJ_{212} 5 30.5 130°.55 1°.2/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.14	−19 12.4	2.776	3.571	11.2	22.1
5 1	16 50.82	−18 50.8	2.694	3.581	8.8	21.9
5 11	16 44.86	−18 27.1	2.634	3.591	6.0	21.8
5 21	16 37.75	−18 2.2	2.602	3.600	3.1	21.6
5 31	16 30.07	−17 37.5	2.598	3.609	1.2	21.4
6 10	16 22.52	−17 14.6	2.623	3.618	3.7	21.6
6 20	16 15.72	−16 55.3	2.676	3.627	6.6	21.8
6 30	16 10.20	−16 41.1	2.755	3.635	9.2	22.0

296416 2009 HK_{3} 5 30.5 230°.27 1°.9/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 56.48	−15 34.2	2.515	3.312	12.2	20.9
5 1	16 52.20	−15 34.2	2.418	3.306	9.7	20.7
5 11	16 46.03	−15 35.2	2.344	3.300	6.7	20.5
5 21	16 38.43	−15 38.0	2.296	3.293	3.7	20.3
5 31	16 30.03	−15 43.3	2.276	3.286	1.9	20.2
6 10	16 21.63	−15 52.0	2.285	3.279	4.3	20.4
6 20	16 13.95	−16 4.7	2.322	3.272	7.5	20.5
6 30	16 7.66	−16 22.2	2.384	3.265	10.4	20.7

266417 2007 FX_{43} 5 30.5 92°.06 0°.3/30.6 17 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 59.83	−23 13.8	1.772	2.581	16.0	21.5
5 1	16 55.56	−23 10.3	1.698	2.592	12.7	21.3
5 11	16 48.67	−23 1.8	1.645	2.604	8.8	21.1
5 21	16 39.80	−22 48.0	1.616	2.615	4.4	20.8
5 31	16 29.97	−22 29.6	1.613	2.627	0.3	20.5
6 10	16 20.37	−22 8.7	1.637	2.638	4.7	20.9
6 20	16 12.06	−21 48.3	1.687	2.649	8.9	21.2
6 30	16 5.87	−21 31.4	1.761	2.660	12.6	21.4

251585 2009 FM_{71} 5 30.5 305°.12 3°.4/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.24	−12 29.9	2.060	2.871	14.0	20.0
5 1	16 51.81	−12 20.4	1.953	2.847	11.3	19.7
5 11	16 46.14	−12 13.9	1.868	2.824	8.1	19.5
5 21	16 38.64	−12 12.3	1.807	2.800	4.9	19.2
5 31	16 30.04	−12 17.3	1.772	2.777	3.5	19.1
6 10	16 21.26	−12 30.3	1.765	2.754	5.9	19.2
6 20	16 13.26	−12 52.1	1.783	2.731	9.5	19.4
6 30	16 6.88	−13 22.8	1.825	2.709	13.0	19.5

333570 2006 BO_{157} 5 30.5 277°.99 8°.6/ 1.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 3.97	−42 18.2	1.983	2.731	16.6	20.0
5 1	16 59.92	−43 21.7	1.878	2.711	14.4	19.7
5 11	16 52.47	−44 12.6	1.791	2.690	12.0	19.5
5 21	16 42.09	−44 44.6	1.726	2.669	9.8	19.4
5 31	16 29.86	−44 51.8	1.685	2.648	8.6	19.2
6 10	16 17.32	−44 32.6	1.669	2.627	9.2	19.2
6 20	16 6.07	−43 49.3	1.677	2.605	11.3	19.3
6 30	15 57.46	−42 48.6	1.707	2.584	14.1	19.4

65767 1995 BZ_{11} 5 30.5 288°.36 2°.9/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 58.03	−16 34.9	1.455	2.285	17.9	19.5
5 1	16 55.10	−16 16.1	1.358	2.264	14.4	19.3
5 11	16 49.03	−15 56.4	1.280	2.244	10.2	18.9
5 21	16 40.32	−15 37.7	1.224	2.223	5.6	18.6
5 31	16 29.96	−15 22.4	1.192	2.203	3.0	18.4
6 10	16 19.35	−15 13.4	1.185	2.182	6.9	18.6
6 20	16 9.91	−15 13.2	1.202	2.162	11.9	18.8
6 30	16 2.88	−15 23.8	1.240	2.141	16.6	19.0

410277 2007 TJ_{176} 5 30.5 187°.19 1°.1/30.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 3.52	−25 35.0	2.104	2.892	14.5	23.0
5 1	16 58.25	−25 37.2	2.011	2.892	11.6	22.8
5 11	16 50.47	−25 33.5	1.939	2.891	8.2	22.6
5 21	16 40.73	−25 22.7	1.892	2.889	4.3	22.4
5 31	16 29.95	−25 4.6	1.874	2.886	1.1	22.1
6 10	16 19.23	−24 40.7	1.883	2.883	4.4	22.4
6 20	16 9.60	−24 14.0	1.921	2.878	8.3	22.6
6 30	16 1.93	−23 48.0	1.983	2.873	11.8	22.8

79029 1503 $T\text{-}_2$ 5 30.5 155°.30 0°.7/30.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 1.33	−21 27.6	1.908	2.711	15.3	20.7
5 1	16 56.56	−21 10.7	1.826	2.718	12.1	20.5
5 11	16 49.28	−20 49.4	1.766	2.724	8.4	20.3
5 21	16 40.11	−20 24.2	1.730	2.730	4.2	20.0
5 31	16 29.99	−19 56.6	1.721	2.735	0.8	19.8
6 10	16 20.03	−19 28.8	1.740	2.739	4.8	20.1
6 20	16 11.27	−19 3.9	1.786	2.743	8.8	20.4
6 30	16 4.51	−18 44.8	1.856	2.747	12.5	20.6

336630 2009 VJ_{103} 5 30.5 292°.54 3°.6/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 59.22	−11 52.2	1.737	2.550	16.1	20.5
5 1	16 55.46	−11 59.3	1.635	2.530	13.1	20.2
5 11	16 48.97	−12 12.5	1.553	2.510	9.4	20.0
5 21	16 40.19	−12 33.2	1.495	2.490	5.6	19.7
5 31	16 29.98	−13 2.5	1.463	2.470	3.6	19.5
6 10	16 19.51	−13 40.9	1.457	2.450	6.5	19.7
6 20	16 9.98	−14 27.7	1.477	2.430	10.7	19.8
6 30	16 2.45	−15 22.3	1.520	2.410	14.7	20.0

170620 2003 YP_{51} 5 30.5 178°.43 2°.2/31.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 1.55	−28 40.5	1.790	2.588	16.3	20.1
5 1	16 57.18	−28 38.4	1.704	2.589	13.2	19.9
5 11	16 49.96	−28 26.7	1.638	2.590	9.4	19.7
5 21	16 40.54	−28 3.9	1.596	2.591	5.3	19.4
5 31	16 29.97	−27 29.9	1.580	2.591	2.2	19.2
6 10	16 19.55	−26 47.2	1.590	2.590	5.0	19.4
6 20	16 10.45	−26 0.2	1.627	2.590	9.1	19.6
6 30	16 3.62	−25 14.0	1.688	2.589	13.0	19.9

106684 2000 WA_{155} 5 30.5 163°.42 5°.5/ 1.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 1.55	−39 17.9	2.725	3.465	12.7	20.0
5 1	16 56.52	−40 4.7	2.634	3.468	10.7	19.9
5 11	16 49.19	−40 41.4	2.565	3.471	8.6	19.7
5 21	16 40.08	−41 4.8	2.521	3.474	6.6	19.6
5 31	16 30.00	−41 12.4	2.503	3.476	5.5	19.5
6 10	16 19.92	−41 4.1	2.513	3.478	6.1	19.6
6 20	16 10.80	−40 42.0	2.549	3.480	7.8	19.7
6 30	16 3.43	−40 9.7	2.610	3.482	10.0	19.8

168317 1988 RY_4 5 30.5 296°.15 6°.0/ 1.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 1.49	−35 57.8	2.012	2.785	15.6	20.0
5 1	16 57.72	−36 42.5	1.888	2.748	13.2	19.7
5 11	16 50.87	−37 18.1	1.784	2.711	10.4	19.5
5 21	16 41.31	−37 40.0	1.703	2.674	7.6	19.2
5 31	16 29.92	−37 43.6	1.647	2.637	6.0	19.1
6 10	16 18.03	−37 27.3	1.617	2.599	7.2	19.0
6 20	16 7.05	−36 53.1	1.612	2.561	10.3	19.1
6 30	15 58.31	−36 6.4	1.631	2.522	13.9	19.3

418949 2009 EM_{22} 5 30.5 261°.59 2°.8/31.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 1.17	−28 3.2	1.581	2.390	17.7	21.5
5 1	16 57.54	−28 23.4	1.488	2.379	14.4	21.3
5 11	16 50.67	−28 35.9	1.414	2.368	10.4	21.0
5 21	16 41.11	−28 37.8	1.362	2.357	6.0	20.7
5 31	16 29.95	−28 27.4	1.335	2.346	2.8	20.5
6 10	16 18.68	−28 5.6	1.334	2.334	5.8	20.6
6 20	16 8.77	−27 36.0	1.358	2.322	10.4	20.9
6 30	16 1.41	−27 4.1	1.404	2.310	14.7	21.1

477706 2010 RD_{145} 5 30.6 285°.99 4°.4/ 1.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 58.16	−34 26.0	2.388	3.159	13.5	21.6
5 1	16 54.08	−35 0.0	2.291	3.152	11.2	21.4
5 11	16 47.65	−35 25.2	2.214	3.145	8.5	21.2
5 21	16 39.37	−35 38.8	2.162	3.138	5.9	21.0
5 31	16 30.05	−35 39.1	2.137	3.131	4.4	20.9
6 10	16 20.69	−35 26.0	2.138	3.124	5.4	21.0
6 20	16 12.28	−35 1.9	2.167	3.117	8.0	21.1
6 30	16 5.65	−34 30.6	2.220	3.110	10.7	21.3

348236 2004 SE_5 5 30.6 282°.38 1°.1/31.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 55.40	−26 25.4	2.406	3.200	12.7	20.8
5 1	16 51.63	−26 20.0	2.303	3.188	10.2	20.6
5 11	16 45.80	−26 8.3	2.223	3.177	7.2	20.4
5 21	16 38.39	−25 49.9	2.168	3.165	3.8	20.1
5 31	16 30.10	−25 25.0	2.141	3.153	1.1	19.9
6 10	16 21.81	−24 55.4	2.141	3.142	3.8	20.1
6 20	16 14.35	−24 23.6	2.169	3.130	7.3	20.3
6 30	16 8.44	−23 52.7	2.222	3.118	10.5	20.5

170348 2003 ST_{168} 5 30.6 256°.22 2°.8/29.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 56.75	−15 31.0	2.044	2.853	14.2	20.5
5 1	16 52.90	−15 6.5	1.948	2.843	11.3	20.3
5 11	16 46.79	−14 41.7	1.875	2.833	8.0	20.1
5 21	16 38.92	−14 18.4	1.826	2.822	4.5	19.9
5 31	16 30.08	−13 58.6	1.804	2.812	2.9	19.7
6 10	16 21.22	−13 44.6	1.809	2.801	5.5	19.9
6 20	16 13.26	−13 38.3	1.841	2.790	9.2	20.1
6 30	16 7.01	−13 41.0	1.896	2.779	12.6	20.3

296440 2009 HP_{51} 5 30.6 299°.40 0°.2/30.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 57.56	−20 39.7	2.120	2.924	13.9	20.1
5 1	16 53.66	−21 5.1	2.018	2.910	11.1	19.8
5 11	16 47.43	−21 30.3	1.939	2.897	7.7	19.6
5 21	16 39.30	−21 54.4	1.884	2.883	3.9	19.3
5 31	16 30.05	−22 16.6	1.856	2.870	0.2	19.0
6 10	16 20.67	−22 36.9	1.856	2.856	4.3	19.3
6 20	16 12.12	−22 55.8	1.883	2.843	8.2	19.5
6 30	16 5.29	−23 14.7	1.934	2.830	11.8	19.7

379251 2009 TW_{19} 5 30.6 320°.39 0°.1/30.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 57.72	−22 29.7	1.618	2.438	16.8	21.5
5 1	16 54.41	−22 31.1	1.532	2.433	13.4	21.2
5 11	16 48.23	−22 28.2	1.466	2.428	9.3	21.0
5 21	16 39.77	−22 20.5	1.423	2.424	4.7	20.7
5 31	16 30.03	−22 8.6	1.405	2.419	0.2	20.3
6 10	16 20.32	−21 54.3	1.414	2.415	5.1	20.7
6 20	16 11.86	−21 40.2	1.447	2.411	9.8	21.0
6 30	16 5.66	−21 29.7	1.502	2.408	14.0	21.2

86071 1999 RR_{45} 5 30.6 68°.45 4°.5/31.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 2.85	−31 29.3	1.452	2.258	19.1	19.2
5 1	16 58.87	−32 2.4	1.385	2.272	15.5	19.0
5 11	16 51.45	−32 24.2	1.337	2.286	11.4	18.8
5 21	16 41.37	−32 30.7	1.311	2.300	7.2	18.6
5 31	16 29.96	−32 19.9	1.309	2.314	4.6	18.5
6 10	16 18.88	−31 53.3	1.332	2.328	6.5	18.7
6 20	16 9.59	−31 15.8	1.380	2.342	10.4	18.9
6 30	16 3.12	−30 34.2	1.449	2.356	14.3	19.2

136529 2006 GH_{36} 5 30.6 39°.54 5°.1/28.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.12	−13 57.7	1.669	2.494	16.2	19.2
5 1	16 51.79	−12 37.0	1.601	2.503	12.9	19.0
5 11	16 46.02	−11 14.8	1.553	2.512	9.3	18.8
5 21	16 38.48	− 9 56.2	1.530	2.521	6.0	18.6
5 31	16 30.11	− 8 46.8	1.533	2.531	5.2	18.6
6 10	16 22.01	− 7 51.6	1.562	2.541	7.7	18.7
6 20	16 15.12	− 7 13.8	1.614	2.552	11.1	19.0
6 30	16 10.18	− 6 54.3	1.689	2.562	14.4	19.2

137454 1999 TT_{283} 5 30.6 305°.68 1°.3/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 58.47	−22 22.7	1.376	2.206	18.7	20.0
5 1	16 56.13	−22 57.5	1.269	2.176	15.2	19.6
5 11	16 50.28	−23 32.6	1.181	2.145	10.9	19.3
5 21	16 41.24	−24 6.0	1.114	2.114	5.8	18.9
5 31	16 29.96	−24 35.1	1.071	2.084	1.3	18.5
6 10	16 18.00	−24 58.8	1.052	2.054	6.3	18.8
6 20	16 7.12	−25 17.5	1.056	2.024	12.1	19.0
6 30	15 58.93	−25 34.2	1.080	1.995	17.4	19.2

275560 1999 RL_{66} 5 30.6 323°.24 11°.5/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.55	− 0 24.5	1.444	2.268	18.3	19.8
5 1	16 49.73	+ 1 4.6	1.358	2.244	15.8	19.6
5 11	16 45.15	+ 2 24.8	1.290	2.220	13.4	19.4
5 21	16 38.32	+ 3 27.5	1.243	2.197	11.8	19.2
5 31	16 30.13	+ 4 4.3	1.217	2.174	11.8	19.1
6 10	16 21.78	+ 4 9.7	1.213	2.153	13.6	19.2
6 20	16 14.49	+ 3 42.2	1.228	2.132	16.5	19.3
6 30	16 9.31	+ 2 44.2	1.262	2.113	19.6	19.4

295300 2008 GR_{112} 5 30.6 83°.66 1°.0/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 2.03	−21 30.8	2.369	3.156	13.1	20.3
5 1	16 56.77	−22 23.3	2.284	3.165	10.4	20.2
5 11	16 49.31	−23 15.7	2.222	3.175	7.2	20.0
5 21	16 40.15	−24 6.2	2.186	3.184	3.7	19.8
5 31	16 30.06	−24 52.7	2.180	3.193	1.0	19.6
6 10	16 19.97	−25 34.0	2.203	3.202	3.9	19.8
6 20	16 10.76	−26 10.2	2.255	3.211	7.3	20.0
6 30	16 3.22	−26 42.4	2.333	3.221	10.4	20.2

214143 2005 AP_{60} 5 30.6 58°.51 1°.7/31.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	17 1.07	−25 56.2	1.340	2.164	19.4	20.5
5 1	16 57.43	−26 5.4	1.278	2.179	15.5	20.3
5 11	16 50.41	−26 6.7	1.234	2.195	10.9	20.0
5 21	16 40.84	−25 58.3	1.211	2.210	5.8	19.8
5 31	16 30.03	−25 40.3	1.213	2.226	1.7	19.6
6 10	16 19.61	−25 15.1	1.240	2.242	5.6	19.9
6 20	16 10.96	−24 47.3	1.291	2.258	10.4	20.2
6 30	16 5.08	−24 21.6	1.363	2.274	14.7	20.5

138857 2000 WC_{47} 5 30.6 286°.27 3°.4/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 57.45	−17 21.1	1.485	2.314	17.6	20.2
5 1	16 54.56	−16 38.1	1.386	2.292	14.2	19.9
5 11	16 48.62	−15 50.6	1.307	2.271	10.1	19.6
5 21	16 40.12	−15 1.0	1.250	2.248	5.6	19.3
5 31	16 30.06	−14 13.4	1.217	2.226	3.5	19.1
6 10	16 19.80	−13 32.6	1.210	2.204	7.2	19.3
6 20	16 10.70	−13 2.8	1.226	2.182	12.1	19.5
6 30	16 3.95	−12 47.6	1.263	2.160	16.7	19.7

137034 1998 UD_{14} 5 30.6 354°.07 2°.0/30.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.02	−19 25.1	1.275	2.120	19.0	19.2
5 1	16 52.07	−19 3.2	1.200	2.115	15.2	19.0
5 11	16 46.92	−18 37.5	1.143	2.112	10.5	18.7
5 21	16 39.21	−18 9.8	1.107	2.109	5.4	18.4
5 31	16 30.11	−17 42.7	1.095	2.108	2.0	18.2
6 10	16 21.11	−17 20.0	1.106	2.107	6.5	18.4
6 20	16 13.59	−17 4.9	1.140	2.107	11.6	18.7
6 30	16 8.65	−17 0.2	1.194	2.108	16.1	19.0

375754 2009 SX_{63} 5 30.6 259°.42 0°.2/30.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 59.74	−23 10.3	1.892	2.698	15.3	22.1
5 1	16 55.75	−23 4.9	1.788	2.680	12.3	21.8
5 11	16 49.07	−22 54.3	1.704	2.662	8.6	21.6
5 21	16 40.22	−22 38.2	1.644	2.644	4.4	21.3
5 31	16 30.07	−22 16.9	1.611	2.625	0.2	20.9
6 10	16 19.77	−21 52.3	1.605	2.605	4.8	21.2
6 20	16 10.49	−21 27.4	1.625	2.586	9.3	21.4
6 30	16 3.21	−21 5.8	1.669	2.566	13.3	21.6

374499 2005 YW_{153} 5 30.6 159°.93 1°.6/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 0.14	−16 52.7	2.544	3.333	12.3	22.6
5 1	16 54.92	−16 44.6	2.458	3.342	9.7	22.4
5 11	16 47.82	−16 36.2	2.395	3.349	6.7	22.2
5 21	16 39.32	−16 28.2	2.359	3.356	3.6	22.0
5 31	16 30.12	−16 21.5	2.352	3.362	1.7	21.9
6 10	16 21.02	−16 17.3	2.374	3.368	4.2	22.1
6 20	16 12.76	−16 16.8	2.424	3.372	7.3	22.3
6 30	16 5.97	−16 21.1	2.500	3.376	10.2	22.5

43572 2001 FH_{167} 5 30.6 330°.29 7°.8/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.46	− 9 2.5	1.215	2.065	19.5	18.6
5 1	16 50.21	− 8 7.8	1.132	2.046	16.0	18.3
5 11	16 45.80	− 7 17.5	1.067	2.027	12.2	18.0
5 21	16 38.76	− 6 37.8	1.022	2.010	8.8	17.8
5 31	16 30.14	− 6 15.5	0.998	1.993	7.9	17.7
6 10	16 21.37	− 6 15.2	0.996	1.978	10.6	17.7
6 20	16 13.88	− 6 38.8	1.015	1.964	14.8	17.9
6 30	16 8.91	− 7 25.0	1.052	1.952	19.0	18.1

44943 1999 VB_{57} 5 30.6 127°.35 0°.8/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 1.90	−21 10.1	1.872	2.675	15.5	19.7
5 1	16 56.98	−20 53.5	1.797	2.689	12.3	19.6
5 11	16 49.55	−20 32.8	1.744	2.702	8.4	19.3
5 21	16 40.26	−20 8.6	1.715	2.715	4.2	19.1
5 31	16 30.09	−19 42.4	1.714	2.727	0.8	18.9
6 10	16 20.16	−19 16.5	1.740	2.739	4.8	19.2
6 20	16 11.49	−18 53.9	1.793	2.750	8.8	19.5
6 30	16 4.86	−18 37.1	1.870	2.760	12.4	19.7

6725 Engyoji 5 30.6 117°.42 0°.7/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 56.12	−20 8.3	2.527	3.324	12.1	17.9
5 1	16 51.83	−19 59.1	2.445	3.334	9.5	17.7
5 11	16 45.71	−19 47.7	2.386	3.343	6.6	17.5
5 21	16 38.27	−19 34.6	2.352	3.352	3.3	17.3
5 31	16 30.18	−19 20.7	2.347	3.361	0.8	17.1
6 10	16 22.21	−19 7.4	2.371	3.369	3.8	17.4
6 20	16 15.06	−18 56.3	2.422	3.378	6.9	17.6
6 30	16 9.34	−18 49.1	2.499	3.386	9.8	17.8

344552 2002 VM_{139} 5 30.6 205°.31 1°.9/31.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 58.42	−28 14.8	2.413	3.198	13.0	21.6
5 1	16 54.00	−28 21.1	2.317	3.194	10.4	21.4
5 11	16 47.43	−28 20.7	2.243	3.191	7.5	21.2
5 21	16 39.23	−28 12.4	2.194	3.187	4.2	21.0
5 31	16 30.15	−27 56.0	2.173	3.183	1.9	20.8
6 10	16 21.10	−27 32.7	2.180	3.179	4.0	21.0
6 20	16 12.96	−27 4.9	2.215	3.174	7.3	21.2
6 30	16 6.46	−26 36.0	2.275	3.169	10.4	21.4

485456 2011 RO_{3} 5 30.6 122°.17 3°.8/ 2.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 52.40	−42 3.0	4.528	5.244	8.3	21.7
5 1	16 48.39	−42 16.4	4.431	5.246	7.0	21.6
5 11	16 43.11	−42 21.8	4.357	5.247	5.7	21.5
5 21	16 36.91	−42 17.8	4.308	5.249	4.5	21.4
5 31	16 30.26	−42 4.0	4.287	5.250	3.8	21.3
6 10	16 23.68	−41 41.0	4.293	5.252	4.0	21.3
6 20	16 17.63	−41 9.9	4.327	5.253	5.0	21.4
6 30	16 12.56	−40 32.9	4.387	5.254	6.3	21.5

367101 2006 RX_{11} 5 30.6 259°.60 1°.2/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.58	−17 59.9	3.600	4.391	9.0	21.6
5 1	16 47.83	−17 41.8	3.488	4.373	7.1	21.4
5 11	16 42.79	−17 22.4	3.400	4.356	4.9	21.3
5 21	16 36.79	−17 2.4	3.340	4.338	2.6	21.1
5 31	16 30.27	−16 42.9	3.309	4.320	1.2	21.0
6 10	16 23.73	−16 25.2	3.307	4.301	3.1	21.1
6 20	16 17.65	−16 10.4	3.334	4.283	5.5	21.2
6 30	16 12.48	−15 59.6	3.388	4.264	7.8	21.4

414761 2010 JH_{74} 5 30.6 312°.42 2°.7/29.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.72	−20 14.3	1.193	2.043	19.8	21.1
5 1	16 52.40	−19 29.4	1.100	2.019	15.9	20.8
5 11	16 47.59	−18 35.3	1.025	1.996	11.2	20.5
5 21	16 39.80	−17 34.2	0.971	1.973	5.9	20.1
5 31	16 30.12	−16 30.7	0.939	1.951	2.8	19.8
6 10	16 20.20	−15 31.3	0.929	1.929	7.6	20.0
6 20	16 11.68	−14 42.7	0.941	1.908	13.4	20.2
6 30	16 5.95	−14 10.5	0.972	1.888	18.8	20.5

443742 2015 LX_{33} 5 30.6 337°.98 6°.0/28.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.30	− 3 51.3	2.255	3.049	13.5	20.4
5 1	16 51.38	− 3 29.7	2.172	3.047	11.2	20.2
5 11	16 45.55	− 3 16.2	2.110	3.044	8.7	20.0
5 21	16 38.26	− 3 13.7	2.073	3.042	6.7	19.9
5 31	16 30.22	− 3 24.5	2.062	3.040	6.1	19.9
6 10	16 22.22	− 3 49.5	2.077	3.039	7.5	19.9
6 20	16 15.03	− 4 28.4	2.118	3.037	9.8	20.1
6 30	16 9.30	− 5 19.5	2.183	3.036	12.4	20.2

505489 2013 WO_{17} 5 30.6 246°.00 3°.0/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 57.10	−17 31.0	1.939	2.751	14.7	21.2
5 1	16 53.27	−16 36.1	1.847	2.743	11.7	20.9
5 11	16 47.09	−15 37.0	1.776	2.736	8.2	20.7
5 21	16 39.11	−14 36.3	1.731	2.728	4.6	20.5
5 31	16 30.18	−13 37.7	1.712	2.719	3.1	20.4
6 10	16 21.31	−12 45.5	1.721	2.711	6.0	20.5
6 20	16 13.46	−12 3.3	1.755	2.702	9.7	20.7
6 30	16 7.41	−11 33.8	1.813	2.694	13.2	20.9

355615 2008 DW_{35} 5 30.6 49°.20 0°.2/30.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.97	−22 52.5	2.147	2.952	13.7	21.3
5 1	16 52.13	−22 51.6	2.068	2.960	10.9	21.1
5 11	16 46.15	−22 46.7	2.010	2.968	7.5	20.9
5 21	16 38.58	−22 37.8	1.977	2.977	3.8	20.7
5 31	16 30.21	−22 25.6	1.972	2.986	0.2	20.4
6 10	16 21.98	−22 11.5	1.994	2.994	4.0	20.7
6 20	16 14.73	−21 57.5	2.042	3.003	7.6	21.0
6 30	16 9.17	−21 46.0	2.115	3.012	10.9	21.2

499889 2011 FT_{102} 5 30.6 115°.25 1°.3/30.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 0.98	−18 15.0	1.983	2.785	14.8	21.7
5 1	16 56.11	−18 13.2	1.909	2.800	11.7	21.6
5 11	16 48.90	−18 10.7	1.857	2.814	8.1	21.4
5 21	16 39.95	−18 7.9	1.830	2.829	4.1	21.1
5 31	16 30.16	−18 5.4	1.830	2.842	1.4	21.0
6 10	16 20.56	−18 4.6	1.858	2.856	4.7	21.2
6 20	16 12.10	−18 6.9	1.913	2.868	8.5	21.5
6 30	16 5.52	−18 13.6	1.992	2.881	11.8	21.7

478246 2011 UQ_{356} 5 30.6 188°.87 3°.4/28.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.55	−14 6.5	2.531	3.332	12.0	22.0
5 1	16 50.56	−13 9.6	2.443	3.332	9.5	21.8
5 11	16 44.85	−12 11.6	2.378	3.331	6.8	21.6
5 21	16 37.87	−11 15.3	2.340	3.330	4.3	21.4
5 31	16 30.25	−10 23.6	2.330	3.329	3.5	21.4
6 10	16 22.74	− 9 39.7	2.348	3.328	5.4	21.5
6 20	16 15.99	− 9 5.7	2.393	3.327	8.2	21.7
6 30	16 10.58	− 8 43.1	2.463	3.325	10.8	21.8

336226 2008 SE_{81} 5 30.6 305°.92 0°.4/30.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 57.28	−20 12.7	1.613	2.436	16.7	20.7
5 1	16 54.46	−20 25.2	1.503	2.406	13.5	20.4
5 11	16 48.65	−20 37.0	1.414	2.377	9.5	20.1
5 21	16 40.25	−20 47.7	1.347	2.348	4.9	19.7
5 31	16 30.13	−20 57.1	1.305	2.319	0.5	19.3
6 10	16 19.60	−21 5.8	1.288	2.290	5.6	19.6
6 20	16 10.02	−21 15.2	1.296	2.261	10.7	19.8
6 30	16 2.66	−21 27.5	1.326	2.233	15.3	20.0

52468 1995 QB_1 5 30.6 98°.40 0°.8/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 57.38	−20 32.7	2.396	3.193	12.7	19.5
5 1	16 52.84	−20 17.9	2.322	3.211	10.0	19.3
5 11	16 46.41	−20 0.3	2.271	3.228	6.8	19.1
5 21	16 38.63	−19 40.5	2.246	3.246	3.4	18.9
5 31	16 30.23	−19 19.9	2.250	3.263	0.8	18.8
6 10	16 22.03	−19 0.0	2.281	3.279	3.9	19.0
6 20	16 14.75	−18 42.9	2.341	3.296	7.2	19.3
6 30	16 9.00	−18 30.3	2.425	3.312	10.1	19.5

320278 2007 RV_{105} 5 30.6 203°.26 1°.4/30.1 17

4 21	17 1.89	−19 26.9	1.929	2.731	15.2	21.9
5 1	16 57.15	−19 9.0	1.836	2.726	12.1	21.7
5 11	16 49.84	−18 48.0	1.764	2.721	8.4	21.5
5 21	16 40.54	−18 24.8	1.716	2.715	4.3	21.2
5 31	16 30.14	−18 0.8	1.696	2.709	1.5	21.0
6 10	16 19.76	−17 38.3	1.704	2.701	5.1	21.2
6 20	16 10.45	−17 19.9	1.739	2.693	9.2	21.5
6 30	16 3.12	−17 8.1	1.797	2.684	13.0	21.7

4754 Panthoos 5 30.6 270°.91 2°.9/28.4 18

4 21	16 47.27	− 7 45.6	4.475	5.261	7.4	17.4
5 1	16 44.13	− 7 21.1	4.386	5.261	6.0	17.3
5 11	16 40.08	− 6 59.2	4.321	5.260	4.5	17.2
5 21	16 35.39	− 6 41.2	4.284	5.260	3.3	17.1
5 31	16 30.38	− 6 28.2	4.275	5.259	2.9	17.1
6 10	16 25.40	− 6 21.2	4.294	5.258	3.8	17.1
6 20	16 20.78	− 6 20.5	4.341	5.258	5.3	17.2
6 30	16 16.84	− 6 26.5	4.414	5.257	6.8	17.3

478226 2011 UY_{317} 5 30.6 244°.48 1°.5/29.7 16

4 21	16 55.15	−20 26.3	2.389	3.191	12.6	21.4
5 1	16 51.24	−19 40.3	2.295	3.187	9.9	21.2
5 11	16 45.42	−18 49.5	2.225	3.184	6.9	21.0
5 21	16 38.20	−17 55.5	2.181	3.180	3.5	20.7
5 31	16 30.26	−17 0.8	2.165	3.176	1.6	20.6
6 10	16 22.41	−16 8.7	2.178	3.173	4.4	20.8
6 20	16 15.41	−15 22.2	2.218	3.169	7.7	21.0
6 30	16 9.89	−14 44.1	2.282	3.165	10.8	21.2

300201 2006 WG_{101} 5 30.6 241°.25 0°.8/31.0 18

4 21	16 56.82	−26 27.7	2.480	3.270	12.5	21.3
5 1	16 52.65	−26 9.8	2.378	3.260	10.0	21.1
5 11	16 46.47	−25 44.9	2.298	3.251	7.0	20.9
5 21	16 38.76	−25 12.8	2.244	3.241	3.7	20.7
5 31	16 30.23	−24 34.3	2.218	3.231	0.8	20.4
6 10	16 21.75	−23 51.7	2.220	3.220	3.7	20.6
6 20	16 14.10	−23 7.9	2.250	3.210	7.1	20.8
6 30	16 7.98	−22 26.2	2.306	3.199	10.3	21.0

96079 7583 *P–L* 5 30.6 197°.94 1°.3/30.2 18

4 21	17 1.38	−19 26.9	1.599	2.414	17.2	19.9
5 1	16 57.27	−19 18.1	1.514	2.413	13.7	19.7
5 11	16 50.21	−19 6.8	1.450	2.411	9.5	19.4
5 21	16 40.82	−18 53.6	1.409	2.409	4.9	19.2
5 31	16 30.14	−18 39.7	1.394	2.407	1.4	18.9
6 10	16 19.51	−18 27.3	1.405	2.404	5.6	19.2
6 20	16 10.19	−18 18.8	1.441	2.401	10.3	19.5
6 30	16 3.20	−18 16.8	1.500	2.397	14.5	19.7

70062 1999 JH_{40} 5 30.6 307°.04 0°.1/30.6 18

4 21	16 57.25	−21 25.3	1.326	2.162	19.0	18.8
5 1	16 55.02	−21 39.2	1.231	2.141	15.3	18.4
5 11	16 49.35	−21 51.0	1.154	2.120	10.8	18.1
5 21	16 40.70	−21 59.9	1.098	2.100	5.5	17.8
5 31	16 30.13	−22 5.3	1.066	2.080	0.3	17.3
6 10	16 19.21	−22 8.0	1.057	2.060	6.1	17.7
6 20	16 9.58	−22 10.3	1.072	2.041	11.8	17.9
6 30	16 2.65	−22 15.4	1.106	2.023	16.9	18.1

353699 2011 UN_{379} 5 30.6 276°.08 4°.4/29.0 18

4 21	16 55.25	− 9 30.1	2.284	3.086	13.1	20.7
5 1	16 51.46	− 9 6.0	2.188	3.074	10.6	20.5
5 11	16 45.69	− 8 45.7	2.113	3.061	7.9	20.3
5 21	16 38.40	− 8 31.6	2.064	3.049	5.3	20.1
5 31	16 30.25	− 8 26.0	2.041	3.036	4.5	20.1
6 10	16 22.07	− 8 30.6	2.046	3.024	6.3	20.1
6 20	16 14.64	− 8 46.1	2.077	3.011	9.2	20.3
6 30	16 8.67	− 9 12.4	2.132	2.999	12.0	20.5

413130 2001 XQ_{145} 5 30.6 281°.72 0°.6/30.8 17

4 21	16 59.73	−25 16.6	1.473	2.293	18.2	21.0
5 1	16 56.72	−25 0.0	1.368	2.269	14.7	20.7
5 11	16 50.36	−24 33.6	1.283	2.245	10.5	20.4
5 21	16 41.14	−23 56.4	1.220	2.220	5.5	20.0
5 31	16 30.12	−23 8.9	1.181	2.195	0.6	19.6
6 10	16 18.81	−22 14.8	1.167	2.169	5.9	19.9
6 20	16 8.76	−21 19.5	1.178	2.144	11.4	20.1
6 30	16 1.31	−20 29.8	1.210	2.118	16.4	20.3

423626 2005 WX_{168} 5 30.6 83°.25 1°.9/30.2 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	17 2.39	−15 14.4	1.809	2.614	15.9	21.7
5 1	16 57.39	−15 31.9	1.742	2.634	12.6	21.6
5 11	16 49.87	−15 52.1	1.695	2.653	8.7	21.4
5 21	16 40.47	−16 15.1	1.674	2.672	4.6	21.2
5 31	16 30.17	−16 40.8	1.679	2.690	2.0	21.0
6 10	16 20.10	−17 9.1	1.712	2.709	5.1	21.3
6 20	16 11.28	−17 40.0	1.772	2.727	9.0	21.5
6 30	16 4.50	−18 13.9	1.856	2.745	12.5	21.8

88904 2001 TF_1 5 30.6 311°.36 1°.2/30.9 18

4 21	16 56.12	−25 33.5	1.219	2.059	20.0	19.2
5 1	16 54.40	−25 30.0	1.130	2.041	16.2	18.9
5 11	16 49.04	−25 17.0	1.058	2.024	11.6	18.6
5 21	16 40.55	−24 53.0	1.007	2.007	6.1	18.2
5 31	16 30.15	−24 18.1	0.978	1.991	1.2	17.8
6 10	16 19.56	−23 35.7	0.972	1.976	6.3	18.1
6 20	16 10.52	−22 51.3	0.988	1.961	12.2	18.4
6 30	16 4.43	−22 11.7	1.024	1.946	17.4	18.6

382461 2000 SS_{66} 5 30.6 287°.52 3°.3/29.5 17

4 21	16 57.06	−15 25.4	1.785	2.603	15.6	20.9
5 1	16 53.72	−14 56.5	1.679	2.578	12.6	20.6
5 11	16 47.77	−14 26.6	1.594	2.554	9.0	20.4
5 21	16 39.65	−13 57.8	1.532	2.529	5.2	20.1
5 31	16 30.20	−13 32.9	1.496	2.504	3.4	19.9
6 10	16 20.54	−13 14.9	1.486	2.479	6.4	20.0
6 20	16 11.80	−13 6.4	1.502	2.453	10.7	20.2
6 30	16 4.99	−13 9.2	1.540	2.428	14.7	20.4

130767 2000 SR_{307} 5 30.6 295°.23 1°.2/31.0 18

4 21	16 57.99	−26 46.3	1.406	2.231	18.6	19.3
5 1	16 55.36	−26 29.6	1.312	2.215	15.1	19.1
5 11	16 49.37	−26 1.4	1.237	2.199	10.7	18.7
5 21	16 40.59	−25 20.7	1.184	2.183	5.7	18.4
5 31	16 30.16	−24 28.3	1.154	2.167	1.2	18.1
6 10	16 19.64	−23 28.1	1.149	2.152	5.8	18.3
6 20	16 10.55	−22 26.5	1.168	2.136	11.2	18.6
6 30	16 4.14	−21 30.4	1.208	2.121	16.0	18.8

88108 2000 WO_{96} 5 30.6 295°.75 1°.5/31.1 18

4 21	16 58.93	−26 17.6	1.784	2.591	16.0	19.6
5 1	16 55.64	−26 16.7	1.663	2.555	13.1	19.3
5 11	16 49.40	−26 8.1	1.563	2.519	9.4	19.0
5 21	16 40.62	−25 50.3	1.485	2.483	5.1	18.7
5 31	16 30.15	−25 22.6	1.434	2.446	1.5	18.3
6 10	16 19.27	−24 46.5	1.408	2.410	5.2	18.5
6 20	16 9.31	−24 5.6	1.409	2.372	10.1	18.7
6 30	16 1.50	−23 25.3	1.432	2.335	14.6	18.8

136955 1998 RJ_5 5 30.6 359°.98 4°.6/31.1 18

4 21	16 56.96	−26 28.9	1.159	2.000	20.8	18.5
5 1	16 55.25	−27 45.6	1.087	1.997	16.9	18.3
5 11	16 49.70	−28 59.8	1.033	1.995	12.3	18.0
5 21	16 40.90	−30 5.9	0.999	1.994	7.5	17.7
5 31	16 30.14	−30 58.0	0.987	1.995	4.6	17.6
6 10	16 19.29	−31 33.4	0.998	1.997	7.4	17.7
6 20	16 10.18	−31 53.1	1.031	2.000	12.2	18.0
6 30	16 4.26	−32 2.0	1.083	2.005	16.8	18.3

211437 2002 YY_{15} 5 30.6 99°.75 0°.3/30.5 18

4 21	16 58.81	−21 8.7	2.400	3.194	12.8	20.8
5 1	16 53.97	−21 7.5	2.328	3.214	10.1	20.6
5 11	16 47.20	−21 3.7	2.279	3.234	6.9	20.5
5 21	16 39.04	−20 57.4	2.255	3.254	3.4	20.3
5 31	16 30.24	−20 49.1	2.260	3.274	0.4	20.0
6 10	16 21.64	−20 40.2	2.294	3.293	3.8	20.3
6 20	16 14.00	−20 32.2	2.355	3.312	7.0	20.6
6 30	16 7.91	−20 26.9	2.442	3.330	10.0	20.8

332952 2011 DR_{50} 5 30.6 59°.57 9°.9/27.3 17

4 21	16 56.83	− 0 40.4	1.610	2.416	17.5	20.2
5 1	16 53.04	+ 0 44.7	1.561	2.436	14.7	20.0
5 11	16 46.83	+ 1 57.7	1.531	2.455	12.1	19.9
5 21	16 38.91	+ 2 52.0	1.524	2.475	10.2	19.8
5 31	16 30.25	+ 3 22.3	1.540	2.495	10.0	19.9
6 10	16 21.94	+ 3 26.3	1.579	2.515	11.4	20.0
6 20	16 14.90	+ 3 5.1	1.641	2.535	13.6	20.2
6 30	16 9.84	+ 2 21.8	1.723	2.555	16.0	20.4

349348 2007 VZ_{117} 5 30.6 252°.52 0°.7/30.9 16

4 21	16 57.41	−24 32.6	2.180	2.979	13.7	21.9
5 1	16 53.43	−24 32.1	2.084	2.972	11.0	21.6
5 11	16 47.19	−24 26.4	2.009	2.964	7.7	21.4
5 21	16 39.20	−24 15.2	1.958	2.957	4.0	21.2
5 31	16 30.23	−23 58.6	1.936	2.949	0.7	20.9
6 10	16 21.27	−23 38.1	1.940	2.941	4.1	21.2
6 20	16 13.24	−23 16.3	1.972	2.933	7.9	21.4
6 30	16 6.92	−22 55.9	2.029	2.925	11.3	21.6

208607 2002 CX_{223} 5 30.6 44°.47 3°.3/29.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 57.69	−18 16.3	1.245	2.086	19.7	20.1
5 1	16 54.75	−17 26.1	1.183	2.096	15.6	19.8
5 11	16 48.58	−16 31.7	1.140	2.107	10.8	19.6
5 21	16 39.97	−15 36.8	1.119	2.119	5.9	19.3
5 31	16 30.21	−14 46.3	1.121	2.130	3.4	19.2
6 10	16 20.82	−14 5.1	1.147	2.143	7.2	19.5
6 20	16 13.11	−13 37.2	1.196	2.155	11.9	19.8
6 30	16 8.02	−13 24.6	1.265	2.168	16.2	20.1

166832 2002 VU_{112} 5 30.6 101°.96 0°.2/30.7 18

4 21	16 58.47	−23 1.8	2.307	3.102	13.2	20.6
5 1	16 53.87	−23 1.5	2.231	3.118	10.4	20.5
5 11	16 47.22	−22 57.3	2.178	3.133	7.2	20.3
5 21	16 39.09	−22 49.1	2.150	3.148	3.6	20.1
5 31	16 30.25	−22 37.3	2.150	3.163	0.3	19.8
6 10	16 21.58	−22 23.4	2.178	3.178	3.8	20.2
6 20	16 13.90	−22 9.4	2.234	3.192	7.2	20.4
6 30	16 7.85	−21 57.4	2.315	3.206	10.3	20.6

433224 2012 UR_{148} 5 30.6 295°.36 1°.3/30.9 17

4 21	16 58.10	−24 45.3	1.926	2.732	15.1	20.9
5 1	16 54.35	−25 2.0	1.834	2.725	12.1	20.7
5 11	16 48.04	−25 14.2	1.763	2.719	8.5	20.5
5 21	16 39.70	−25 20.7	1.715	2.713	4.5	20.2
5 31	16 30.22	−25 20.8	1.694	2.707	1.3	20.0
6 10	16 20.70	−25 15.4	1.700	2.701	4.6	20.2
6 20	16 12.23	−25 6.6	1.732	2.695	8.6	20.4
6 30	16 5.72	−24 57.2	1.788	2.689	12.3	20.6

36651 2000 QR_{198} 5 30.6 346°.06 1°.3/30.9 18

4 21	16 57.57	−23 30.4	1.220	2.060	20.0	18.8
5 1	16 55.34	−23 52.7	1.144	2.055	16.1	18.5
5 11	16 49.51	−24 10.8	1.085	2.051	11.3	18.2
5 21	16 40.70	−24 22.8	1.046	2.047	5.9	17.9
5 31	16 30.17	−24 27.7	1.031	2.044	1.3	17.6
6 10	16 19.62	−24 26.1	1.038	2.042	6.1	17.9
6 20	16 10.71	−24 21.1	1.069	2.040	11.6	18.2
6 30	16 4.73	−24 16.8	1.119	2.039	16.5	18.5

474795 2005 QE_{190} 5 30.6 329°.23 4°.5/28.7 16

4 21	16 53.95	−11 10.5	2.116	2.927	13.7	21.0
5 1	16 50.51	−10 26.3	2.031	2.924	11.0	20.9
5 11	16 45.05	− 9 44.1	1.968	2.920	8.1	20.7
5 21	16 38.07	− 9 6.7	1.930	2.917	5.4	20.5
5 31	16 30.30	− 8 37.5	1.918	2.914	4.6	20.4
6 10	16 22.59	− 8 19.0	1.933	2.911	6.6	20.5
6 20	16 15.75	− 8 12.8	1.973	2.909	9.5	20.7
6 30	16 10.46	− 8 19.2	2.037	2.906	12.4	20.9

364619 2007 SO_{21} 5 30.6 276°.56 3°.9/29.6 18

4 21	16 58.95	−14 19.7	1.505	2.330	17.6	21.1
5 1	16 55.68	−13 54.7	1.410	2.313	14.2	20.9
5 11	16 49.37	−13 30.5	1.335	2.295	10.2	20.6
5 21	16 40.55	−13 9.7	1.282	2.278	6.0	20.3
5 31	16 30.18	−12 55.3	1.253	2.260	4.0	20.1
6 10	16 19.63	−12 50.3	1.250	2.242	7.3	20.3
6 20	16 10.23	−12 56.6	1.270	2.224	11.9	20.5
6 30	16 3.15	−13 15.5	1.312	2.206	16.3	20.7

242517 2005 AD_{1} 5 30.6 108°.80 3°.6/29.4 17

4 21	16 58.58	−11 47.6	2.149	2.949	13.9	20.8
5 1	16 53.95	−11 28.5	2.077	2.964	11.0	20.6
5 11	16 47.28	−11 12.4	2.027	2.978	7.9	20.5
5 21	16 39.13	−11 1.3	2.002	2.992	4.9	20.3
5 31	16 30.26	−10 56.9	2.005	3.006	3.7	20.2
6 10	16 21.58	−11 0.6	2.035	3.020	5.7	20.4
6 20	16 13.88	−11 12.9	2.092	3.033	8.7	20.6
6 30	16 7.81	−11 33.8	2.173	3.046	11.6	20.8

270420 2002 CA_{36} 5 30.6 58°.03 4°.2/ 1.2 17

4 21	17 0.39	−32 42.1	1.684	2.480	17.2	20.8
5 1	16 56.51	−32 57.8	1.611	2.491	14.1	20.6
5 11	16 49.64	−33 1.5	1.557	2.501	10.4	20.4
5 21	16 40.48	−32 50.2	1.526	2.512	6.6	20.2
5 31	16 30.21	−32 23.1	1.519	2.523	4.2	20.1
6 10	16 20.21	−31 42.3	1.539	2.534	5.8	20.2
6 20	16 11.71	−30 52.6	1.584	2.545	9.4	20.4
6 30	16 5.65	−30 0.3	1.652	2.557	12.9	20.7

129457 1992 EH_{5} 5 30.6 45°.56 2°.6/30.1 18

4 21	16 59.42	−16 43.3	1.238	2.076	19.9	19.1
5 1	16 56.24	−16 36.2	1.175	2.087	15.8	18.9
5 11	16 49.71	−16 29.9	1.131	2.097	11.0	18.7
5 21	16 40.60	−16 25.8	1.108	2.108	5.8	18.4
5 31	16 30.21	−16 25.6	1.109	2.120	2.6	18.2
6 10	16 20.10	−16 31.1	1.133	2.132	6.7	18.5
6 20	16 11.68	−16 43.6	1.180	2.144	11.6	18.8
6 30	16 5.98	−17 4.1	1.249	2.157	16.0	19.1

336175 2008 RK_{57} 5 30.6 298°.49 2°.2/29.8 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 56.07	−18 24.1	1.687	2.510	16.1	21.2
5 1	16 53.13	−17 57.6	1.584	2.487	12.9	20.9
5 11	16 47.46	−17 27.7	1.502	2.465	9.1	20.7
5 21	16 39.54	−16 56.0	1.442	2.442	4.8	20.3
5 31	16 30.25	−16 24.8	1.409	2.420	2.3	20.1
6 10	16 20.78	−15 57.3	1.400	2.397	6.0	20.3
6 20	16 12.33	−15 36.9	1.417	2.375	10.6	20.5
6 30	16 5.93	−15 26.4	1.455	2.353	14.8	20.7

501982 2014 YN_{40} 5 30.6 174°.92 2°.6/31.7 17

4 21	17 3.55	−30 36.8	2.044	2.824	15.1	22.1
5 1	16 58.45	−30 34.3	1.954	2.828	12.3	21.9
5 11	16 50.71	−30 21.5	1.885	2.830	8.9	21.7
5 21	16 40.97	−29 56.9	1.841	2.831	5.2	21.5
5 31	16 30.21	−29 20.1	1.824	2.832	2.7	21.3
6 10	16 19.60	−28 33.3	1.835	2.833	4.7	21.5
6 20	16 10.24	−27 40.9	1.873	2.832	8.4	21.7
6 30	16 2.97	−26 47.9	1.937	2.831	11.8	21.9

140746 2001 US_{109} 5 30.6 207°.49 1°.2/30.0 18

4 21	16 56.07	−19 19.4	2.564	3.361	12.0	21.0
5 1	16 51.88	−18 59.5	2.468	3.357	9.5	20.8
5 11	16 45.85	−18 37.1	2.396	3.353	6.5	20.6
5 21	16 38.46	−18 13.1	2.350	3.348	3.4	20.4
5 31	16 30.34	−17 49.0	2.331	3.344	1.2	20.2
6 10	16 22.26	−17 26.5	2.342	3.338	4.0	20.4
6 20	16 14.94	−17 7.5	2.380	3.333	7.2	20.6
6 30	16 9.01	−16 53.8	2.444	3.327	10.1	20.8

409751 2006 DH_{62} 5 30.6 56°.37 19°.7/24.5 18

4 21	16 58.14	+16 9.0	1.261	2.031	23.3	19.9
5 1	16 54.68	+18 53.6	1.241	2.052	21.6	19.9
5 11	16 48.23	+21 5.2	1.237	2.074	20.3	19.9
5 21	16 39.69	+22 32.7	1.248	2.096	19.7	19.9
5 31	16 30.31	+23 9.3	1.277	2.118	19.8	20.0
6 10	16 21.47	+22 54.9	1.321	2.141	20.5	20.1
6 20	16 14.30	+21 55.0	1.380	2.163	21.6	20.2
6 30	16 9.59	+20 18.4	1.452	2.186	22.8	20.4

367925 2012 BN_{150} 5 30.6 47°.73 5°.2/ 1.1 17

4 21	17 1.80	−32 35.9	1.493	2.296	18.8	20.5
5 1	16 58.25	−33 15.0	1.417	2.300	15.4	20.3
5 11	16 51.25	−33 42.9	1.360	2.305	11.6	20.1
5 21	16 41.48	−33 55.1	1.324	2.309	7.6	19.9
5 31	16 30.22	−33 48.6	1.313	2.314	5.2	19.7
6 10	16 19.11	−33 24.4	1.326	2.319	6.9	19.9
6 20	16 9.65	−32 46.9	1.363	2.324	10.6	20.1
6 30	16 3.00	−32 3.0	1.423	2.330	14.5	20.3

488692 2003 WW_{56} 5 30.6 199°.90 0°.8/30.6 17

4 21	17 16.39	−16 18.6	1.268	2.073	21.4	22.2
5 1	17 10.69	−17 53.9	1.180	2.071	17.3	22.0
5 11	17 0.63	−19 42.8	1.111	2.068	12.2	21.6
5 21	16 46.63	−21 40.5	1.065	2.065	6.3	21.3
5 31	16 30.00	−23 38.6	1.046	2.060	0.9	20.9
6 10	16 12.78	−25 28.5	1.055	2.055	6.9	21.3
6 20	15 57.19	−27 4.9	1.090	2.049	12.9	21.6
6 30	15 45.06	−28 27.9	1.148	2.042	18.2	21.9

381856 2009 XP_{16} 5 30.6 143°.97 5°.4/29.3 18

4 21	16 59.50	− 6 18.2	2.089	2.882	14.4	21.0
5 1	16 54.82	− 6 2.0	2.010	2.888	11.8	20.8
5 11	16 48.00	− 5 53.1	1.953	2.894	8.9	20.7
5 21	16 39.57	− 5 54.0	1.921	2.899	6.3	20.5
5 31	16 30.32	− 6 6.8	1.915	2.904	5.5	20.5
6 10	16 21.17	− 6 32.2	1.937	2.909	7.1	20.6
6 20	16 12.98	− 7 9.7	1.985	2.913	9.9	20.8
6 30	16 6.46	− 7 58.0	2.056	2.917	12.7	20.9

491520 2012 KB 5 30.6 224°.26 7°.7/30.8 18

4 21	17 12.08	− 2 12.1	1.312	2.108	21.3	21.0
5 1	17 6.60	− 2 35.2	1.225	2.101	17.8	20.8
5 11	16 57.31	− 3 18.8	1.155	2.093	13.8	20.5
5 21	16 44.74	− 4 26.9	1.106	2.085	9.7	20.3
5 31	16 30.11	− 6 0.8	1.083	2.076	7.7	20.1
6 10	16 15.15	− 7 57.1	1.085	2.067	9.9	20.2
6 20	16 1.67	−10 8.8	1.114	2.057	14.4	20.4
6 30	15 51.14	−12 28.5	1.165	2.046	18.9	20.6

302323 2002 AW_{72} 5 30.6 154°.05 1°.9/29.9 18

4 21	16 56.88	−15 36.6	2.452	3.250	12.4	21.0
5 1	16 52.56	−15 35.8	2.364	3.253	9.8	20.9
5 11	16 46.35	−15 36.1	2.300	3.255	6.9	20.7
5 21	16 38.73	−15 38.1	2.261	3.258	3.7	20.5
5 31	16 30.37	−15 42.7	2.250	3.260	1.9	20.4
6 10	16 22.06	−15 50.7	2.268	3.262	4.3	20.5
6 20	16 14.54	−16 2.8	2.313	3.264	7.5	20.7
6 30	16 8.45	−16 19.6	2.384	3.266	10.4	20.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
184775 2005 TH_{18}			5 30.6 263°.30	2°.2/29.6 18		
	h m	° ′			°	m
4 21	16 55.07	−16 24.2	2.471	3.273	12.2	21.0
5 1	16 51.23	−15 57.5	2.368	3.258	9.7	20.8
5 11	16 45.52	−15 29.7	2.287	3.244	6.8	20.6
5 21	16 38.36	−15 2.1	2.233	3.229	3.8	20.3
5 31	16 30.39	−14 36.6	2.206	3.214	2.3	20.2
6 10	16 22.39	−14 15.3	2.207	3.199	4.7	20.3
6 20	16 15.10	−14 0.2	2.235	3.183	7.9	20.5
6 30	16 9.20	−13 52.5	2.289	3.168	10.9	20.7
267476 2002 GG_{12}			5 30.6 66°.37	4°.2/31.4 18		
4 21	17 3.61	−29 18.5	1.760	2.554	16.7	20.0
5 1	16 59.04	−30 21.7	1.687	2.566	13.6	19.8
5 11	16 51.46	−31 18.8	1.634	2.579	9.9	19.6
5 21	16 41.50	−32 5.7	1.605	2.592	6.3	19.4
5 31	16 30.27	−32 38.8	1.603	2.606	4.2	19.3
6 10	16 19.13	−32 57.1	1.627	2.619	6.0	19.4
6 20	16 9.37	−33 2.6	1.676	2.632	9.4	19.6
6 30	16 2.01	−32 59.5	1.749	2.645	12.8	19.9
401474 2013 CG_{190}			5 30.6 161°.87	0°.6/30.8 16		
4 21	17 2.34	−25 2.5	1.457	2.274	18.5	21.5
5 1	16 58.39	−24 46.3	1.378	2.276	14.8	21.2
5 11	16 51.17	−24 21.4	1.319	2.279	10.4	21.0
5 21	16 41.39	−23 47.2	1.281	2.281	5.3	20.7
5 31	16 30.28	−23 5.0	1.269	2.283	0.6	20.3
6 10	16 19.36	−22 18.7	1.282	2.284	5.5	20.7
6 20	16 10.02	−21 33.3	1.320	2.285	10.5	21.0
6 30	16 3.31	−20 54.1	1.381	2.286	15.0	21.2
24216 1999 XR_{68}			5 30.6 284°.37	1°.7/30.2 18		
4 21	16 57.62	−17 26.2	1.910	2.722	14.9	18.5
5 1	16 53.88	−17 24.8	1.818	2.714	11.9	18.3
5 11	16 47.69	−17 23.4	1.747	2.706	8.3	18.0
5 21	16 39.58	−17 22.7	1.699	2.698	4.3	17.8
5 31	16 30.37	−17 23.6	1.679	2.691	1.7	17.6
6 10	16 21.12	−17 27.3	1.685	2.683	5.1	17.8
6 20	16 12.85	−17 35.1	1.717	2.675	9.1	18.0
6 30	16 6.43	−17 48.3	1.773	2.667	12.8	18.2
483664 2005 ES_{272}			5 30.6 7°.14	6°.1/25.9 18		
4 21	16 47.94	+ 8 12.6	4.193	4.931	8.6	20.5
5 1	16 44.74	+ 8 51.0	4.120	4.931	7.6	20.4
5 11	16 40.57	+ 9 21.2	4.069	4.932	6.7	20.3
5 21	16 35.72	+ 9 40.8	4.043	4.932	6.2	20.3
5 31	16 30.53	+ 9 48.3	4.041	4.933	6.2	20.3
6 10	16 25.39	+ 9 42.8	4.065	4.933	6.7	20.3
6 20	16 20.65	+ 9 24.4	4.114	4.934	7.6	20.4
6 30	16 16.63	+ 8 53.9	4.184	4.935	8.7	20.5
292191 2006 SM_{31}			5 30.6 265°.06	1°.4/30.1 18		
4 21	16 59.78	−19 50.7	1.763	2.575	16.0	21.3
5 1	16 56.00	−19 31.5	1.659	2.555	12.8	21.0
5 11	16 49.44	−19 8.3	1.575	2.535	9.0	20.7
5 21	16 40.58	−18 42.0	1.514	2.514	4.6	20.4
5 31	16 30.33	−18 14.1	1.480	2.493	1.5	20.1
6 10	16 19.89	−17 47.4	1.473	2.471	5.5	20.4
6 20	16 10.48	−17 25.0	1.491	2.449	10.2	20.6
6 30	16 3.14	−17 10.2	1.532	2.426	14.4	20.8
478277 2011 VV_{15}			5 30.6 268°.79	2°.4/29.4 16		
4 21	16 54.99	−17 46.5	2.282	3.088	13.0	21.6
5 1	16 51.28	−17 1.3	2.186	3.080	10.3	21.4
5 11	16 45.59	−16 12.8	2.114	3.072	7.2	21.2
5 21	16 38.41	−15 23.0	2.066	3.063	4.0	21.0
5 31	16 30.43	−14 34.8	2.047	3.055	2.4	20.8
6 10	16 22.49	−13 51.2	2.055	3.047	5.0	21.0
6 20	16 15.39	−13 15.1	2.090	3.038	8.3	21.2
6 30	16 9.80	−12 48.6	2.150	3.030	11.5	21.4
507943 2015 AM_{224}			5 30.6 338°.57	0°.3/30.8 17		
4 21	16 49.52	−28 22.1	1.189	2.037	19.9	19.6
5 1	16 49.12	−27 23.6	1.100	2.017	16.1	19.3
5 11	16 45.30	−26 4.0	1.029	1.997	11.4	19.0
5 21	16 38.66	−24 24.1	0.978	1.980	5.9	18.6
5 31	16 30.41	−22 28.6	0.950	1.964	0.4	18.1
6 10	16 22.19	−20 26.6	0.945	1.949	6.3	18.5
6 20	16 15.53	−18 29.5	0.962	1.937	12.2	18.8
6 30	16 11.63	−16 47.9	1.000	1.926	17.4	19.0
371460 2006 SO_{361}			5 30.6 310°.04	0°.1/30.6 17		
4 21	16 56.42	−21 28.1	1.359	2.195	18.6	21.0
5 1	16 54.36	−21 37.7	1.260	2.170	15.0	20.7
5 11	16 48.94	−21 44.5	1.179	2.145	10.6	20.4
5 21	16 40.60	−21 48.2	1.119	2.120	5.5	20.0
5 31	16 30.34	−21 48.4	1.082	2.096	0.2	19.5
6 10	16 19.67	−21 46.4	1.070	2.073	6.1	19.9
6 20	16 10.20	−21 44.4	1.080	2.050	11.7	20.1
6 30	16 3.35	−21 46.0	1.111	2.027	16.9	20.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
442504 2011 WA_{20}			5 30.6 7°.71	0°.1/30.6 16		
	h m	° ′			°	m
4 21	16 55.14	−23 59.9	2.226	3.029	13.4	21.3
5 1	16 51.48	−23 33.6	2.138	3.030	10.6	21.1
5 11	16 45.75	−23 1.1	2.072	3.030	7.3	20.9
5 21	16 38.48	−22 23.1	2.031	3.031	3.7	20.7
5 31	16 30.44	−21 41.2	2.018	3.031	0.2	20.4
6 10	16 22.51	−20 58.1	2.032	3.032	4.0	20.7
6 20	16 15.52	−20 16.9	2.073	3.033	7.6	20.9
6 30	16 10.14	−19 40.7	2.139	3.035	10.8	21.1
236449 2006 DV_{215}			5 30.6 224°.20	5°.7/ 1.8 18		
4 21	17 3.66	−38 15.1	2.350	3.100	14.2	21.1
5 1	16 58.72	−38 51.2	2.247	3.090	12.0	20.9
5 11	16 51.09	−39 16.4	2.166	3.080	9.5	20.7
5 21	16 41.32	−39 26.6	2.108	3.070	7.1	20.6
5 31	16 30.32	−39 19.1	2.076	3.059	5.7	20.5
6 10	16 19.26	−38 53.8	2.072	3.047	6.4	20.5
6 20	16 9.28	−38 13.5	2.094	3.035	8.7	20.6
6 30	16 1.33	−37 23.3	2.141	3.022	11.4	20.8
9452 Rogerpeeters			5 30.6 171°.60	1°.5/29.9 18		
4 21	16 59.96	−17 51.9	2.566	3.355	12.2	19.9
5 1	16 54.86	−17 36.1	2.476	3.360	9.6	19.7
5 11	16 47.88	−17 19.1	2.410	3.364	6.7	19.5
5 21	16 39.50	−17 1.5	2.369	3.367	3.5	19.3
5 31	16 30.41	−16 44.6	2.358	3.369	1.6	19.2
6 10	16 21.40	−16 30.0	2.376	3.371	4.1	19.4
6 20	16 13.21	−16 19.1	2.423	3.372	7.3	19.6
6 30	16 6.47	−16 13.6	2.495	3.372	10.2	19.8
368083 2012 ST_{64}			5 30.6 269°.81	3°.3/ 1.3 18		
4 21	16 59.72	−33 20.5	1.965	2.750	15.5	20.5
5 1	16 55.72	−33 6.6	1.868	2.742	12.7	20.3
5 11	16 49.02	−32 39.3	1.791	2.734	9.4	20.1
5 21	16 40.25	−31 56.6	1.738	2.726	5.9	19.8
5 31	16 30.38	−30 58.7	1.711	2.717	3.4	19.7
6 10	16 20.62	−29 48.5	1.712	2.709	5.1	19.8
6 20	16 12.09	−28 31.4	1.739	2.701	8.7	20.0
6 30	16 5.70	−27 13.8	1.790	2.692	12.3	20.2
393962 2005 UE_{248}			5 30.6 253°.50	1°.4/31.1 18		
4 21	16 57.83	−25 12.7	2.474	3.264	12.6	21.1
5 1	16 53.58	−25 37.1	2.375	3.257	10.1	20.9
5 11	16 47.26	−25 58.0	2.299	3.250	7.1	20.7
5 21	16 39.30	−26 14.2	2.248	3.243	3.9	20.5
5 31	16 30.43	−26 24.8	2.225	3.236	1.4	20.3
6 10	16 21.50	−26 30.2	2.230	3.229	3.8	20.4
6 20	16 13.35	−26 31.4	2.263	3.222	7.1	20.6
6 30	16 6.73	−26 30.5	2.321	3.215	10.2	20.8
22481 Zachlynn			5 30.6 16°.59	9°.2/25.9 18	R	
4 21	16 53.88	− 4 59.4	1.628	2.448	16.7	18.2
5 1	16 50.96	− 3 6.3	1.562	2.450	14.0	18.0
5 11	16 45.62	− 1 18.4	1.517	2.454	11.3	17.9
5 21	16 38.50	+ 0 16.8	1.495	2.457	9.4	17.7
5 31	16 30.49	+ 1 31.6	1.498	2.461	9.4	17.8
6 10	16 22.67	+ 2 20.9	1.524	2.466	11.2	17.9
6 20	16 15.99	+ 2 43.0	1.573	2.471	13.8	18.0
6 30	16 11.22	+ 2 38.9	1.641	2.477	16.5	18.2
236127 2005 SH_{291}			5 30.6 202°.71	1°.8/30.1 16		
4 21	17 1.95	−19 8.4	1.494	2.314	18.0	21.7
5 1	16 57.98	−18 50.4	1.411	2.312	14.4	21.5
5 11	16 50.90	−18 29.4	1.348	2.310	10.0	21.2
5 21	16 41.32	−18 6.4	1.307	2.307	5.2	20.9
5 31	16 30.38	−17 43.3	1.291	2.304	1.9	20.7
6 10	16 19.48	−17 23.0	1.301	2.300	6.1	21.0
6 20	16 9.98	−17 8.4	1.336	2.296	10.9	21.2
6 30	16 2.95	−17 2.5	1.393	2.291	15.3	21.5
35023 1981 EO_{14}			5 30.6 308°.06	10°.1/ 2.4 18		
4 21	17 2.03	−43 32.1	1.701	2.460	18.5	18.8
5 1	16 59.10	−44 44.4	1.604	2.443	16.2	18.5
5 11	16 52.39	−45 42.0	1.526	2.425	13.7	18.3
5 21	16 42.40	−46 17.4	1.467	2.408	11.4	18.1
5 31	16 30.32	−46 23.6	1.431	2.391	10.1	18.0
6 10	16 17.97	−45 58.6	1.418	2.375	10.6	18.0
6 20	16 7.17	−45 5.4	1.427	2.358	12.7	18.1
6 30	15 59.44	−43 52.3	1.458	2.343	15.6	18.2
229540 2005 YP_{86}			5 30.6 140°.05	3°.9/29.6 17		
4 21	17 0.41	−10 21.2	2.114	2.910	14.2	21.0
5 1	16 55.54	−10 11.4	2.035	2.919	11.4	20.8
5 11	16 48.52	−10 6.3	1.979	2.927	8.3	20.6
5 21	16 39.89	−10 7.4	1.947	2.935	5.2	20.4
5 31	16 30.44	−10 16.4	1.943	2.943	4.0	20.4
6 10	16 21.11	−10 34.0	1.967	2.950	6.0	20.5
6 20	16 12.76	−11 0.3	2.017	2.957	9.1	20.7
6 30	16 6.09	−11 34.8	2.092	2.963	12.1	20.9

216000 2005 SF_{258} 5 30.6 322.°90 0.°8/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 54.89	−20 12.2	1.976	2.790	14.4	20.1
5 1	16 51.72	−20 8.8	1.881	2.779	11.5	19.9
5 11	16 46.21	−20 3.0	1.806	2.768	8.0	19.7
5 21	16 38.86	−19 55.4	1.757	2.757	4.0	19.4
5 31	16 30.48	−19 46.7	1.733	2.746	0.8	19.1
6 10	16 22.05	−19 38.5	1.736	2.736	4.6	19.4
6 20	16 14.54	−19 32.6	1.765	2.727	8.6	19.6
6 30	16 8.80	−19 31.0	1.818	2.718	12.2	19.8

167699 2004 SV_{49} 5 30.6 349.°35 3.°9/31.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.77	−29 57.4	1.089	1.933	21.6	19.7
5 1	16 53.74	−30 11.3	1.015	1.927	17.7	19.4
5 11	16 48.76	−30 11.3	0.958	1.921	12.9	19.1
5 21	16 40.52	−29 54.1	0.920	1.916	7.7	18.8
5 31	16 30.41	−29 18.5	0.903	1.913	3.9	18.5
6 10	16 20.39	−28 27.7	0.908	1.911	6.9	18.7
6 20	16 12.27	−27 28.9	0.934	1.909	12.3	19.0
6 30	16 7.40	−26 30.8	0.979	1.909	17.3	19.3

69753 1998 ML_{34} 5 30.6 303.°46 2.°6/31.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 57.22	−28 40.7	1.756	2.563	16.2	19.2
5 1	16 54.23	−28 48.9	1.652	2.543	13.2	19.0
5 11	16 48.36	−28 48.5	1.569	2.522	9.6	18.7
5 21	16 40.11	−28 37.3	1.508	2.502	5.6	18.4
5 31	16 30.43	−28 14.3	1.472	2.482	2.6	18.2
6 10	16 20.58	−27 41.2	1.463	2.463	5.2	18.3
6 20	16 11.84	−27 1.5	1.478	2.443	9.6	18.5
6 30	16 5.31	−26 20.4	1.516	2.424	13.7	18.7

129565 1997 GS_{1} 5 30.6 334.°49 0.°3/30.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 57.33	−22 17.7	1.828	2.641	15.5	20.6
5 1	16 53.76	−22 7.3	1.742	2.639	12.3	20.3
5 11	16 47.66	−21 52.3	1.677	2.638	8.5	20.1
5 21	16 39.59	−21 32.8	1.636	2.636	4.3	19.9
5 31	16 30.48	−21 9.9	1.621	2.635	0.3	19.5
6 10	16 21.43	−20 46.0	1.632	2.633	4.7	19.9
6 20	16 13.50	−20 23.8	1.670	2.632	8.9	20.1
6 30	16 7.56	−20 6.4	1.730	2.631	12.7	20.3

82859 2001 QA_{58} 5 30.6 259.°28 1.°0/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 58.28	−24 24.3	2.273	3.068	13.4	19.7
5 1	16 54.16	−24 38.6	2.171	3.056	10.7	19.5
5 11	16 47.80	−24 49.2	2.090	3.044	7.5	19.3
5 21	16 39.65	−24 55.0	2.035	3.032	4.0	19.0
5 31	16 30.48	−24 55.6	2.006	3.019	1.0	18.8
6 10	16 21.21	−24 51.6	2.007	3.007	4.1	19.0
6 20	16 12.79	−24 44.7	2.034	2.994	7.7	19.2
6 30	16 6.02	−24 37.2	2.086	2.981	11.1	19.4

91926 1999 VN_{38} 5 30.6 300.°23 0.°2/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 56.31	−21 58.4	2.199	3.002	13.5	19.5
5 1	16 52.77	−22 8.7	2.087	2.978	10.8	19.2
5 11	16 46.95	−22 16.6	1.996	2.954	7.6	19.0
5 21	16 39.29	−22 21.8	1.931	2.930	3.9	18.7
5 31	16 30.49	−22 24.2	1.892	2.906	0.2	18.4
6 10	16 21.50	−22 24.3	1.882	2.882	4.2	18.6
6 20	16 13.26	−22 23.7	1.897	2.859	8.1	18.8
6 30	16 6.64	−22 24.3	1.938	2.835	11.7	19.0

168843 2000 UG_{4} 5 30.6 244.°04 3.°9/31.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 4.00	−29 25.5	1.699	2.495	17.1	20.5
5 1	16 59.83	−30 7.9	1.602	2.484	14.0	20.3
5 11	16 52.40	−30 44.2	1.525	2.472	10.4	20.0
5 21	16 42.23	−31 10.1	1.471	2.461	6.4	19.8
5 31	16 30.38	−31 22.5	1.443	2.448	3.9	19.6
6 10	16 18.31	−31 20.4	1.440	2.436	6.1	19.7
6 20	16 7.50	−31 6.5	1.463	2.423	10.2	19.9
6 30	15 59.19	−30 45.5	1.510	2.409	14.2	20.1

228369 2000 WQ_{12} 5 30.6 137.°44 5.°5/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 0.01	− 4 28.6	2.450	3.229	13.0	21.3
5 1	16 54.81	− 4 3.6	2.377	3.243	10.6	21.1
5 11	16 47.79	− 3 45.6	2.326	3.257	8.2	21.0
5 21	16 39.46	− 3 37.2	2.301	3.270	6.1	20.9
5 31	16 30.51	− 3 40.3	2.304	3.282	5.5	20.8
6 10	16 21.71	− 3 55.9	2.334	3.294	6.9	20.9
6 20	16 13.77	− 4 23.7	2.392	3.305	9.1	21.1
6 30	16 7.28	− 5 2.6	2.474	3.315	11.4	21.3

311453 2005 UJ_{341} 5 30.6 300.°74 1.°0/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 57.32	−17 51.8	2.145	2.951	13.7	20.5
5 1	16 53.51	−18 9.5	2.041	2.934	11.0	20.3
5 11	16 47.44	−18 28.3	1.958	2.917	7.7	20.0
5 21	16 39.53	−18 48.3	1.901	2.900	3.9	19.8
5 31	16 30.50	−19 9.3	1.870	2.883	1.0	19.5
6 10	16 21.32	−19 31.5	1.867	2.867	4.4	19.7
6 20	16 12.92	−19 55.2	1.892	2.850	8.3	19.9
6 30	16 6.16	−20 21.2	1.940	2.834	11.9	20.1

141434 2002 CP_{14} 5 30.6 138.°17 0.°2/30.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 56.97	−23 21.2	2.972	3.756	10.8	21.3
5 1	16 52.23	−22 54.7	2.887	3.768	8.5	21.2
5 11	16 45.92	−22 23.6	2.827	3.780	5.9	21.0
5 21	16 38.50	−21 48.7	2.793	3.792	2.9	20.8
5 31	16 30.56	−21 11.2	2.789	3.803	0.2	20.6
6 10	16 22.77	−20 33.1	2.815	3.813	3.2	20.9
6 20	16 15.74	−19 56.6	2.869	3.824	6.0	21.1
6 30	16 9.97	−19 23.8	2.950	3.833	8.6	21.3

403219 2008 US_{105} 5 30.6 207.°45 1.°4/30.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 2.74	−19 36.5	1.645	2.456	17.0	22.4
5 1	16 58.39	−19 24.3	1.556	2.452	13.6	22.2
5 11	16 51.09	−19 9.2	1.488	2.448	9.5	21.9
5 21	16 41.43	−18 51.7	1.442	2.442	4.8	21.6
5 31	16 30.44	−18 33.2	1.423	2.436	1.4	21.4
6 10	16 19.46	−18 15.9	1.431	2.430	5.6	21.7
6 20	16 9.73	−18 2.6	1.464	2.422	10.3	21.9
6 30	16 2.30	−17 56.2	1.520	2.415	14.5	22.1

420401 2012 CA_{48} 5 30.6 60.°54 3.°2/31.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 1.73	−28 14.7	1.493	2.305	18.4	20.9
5 1	16 58.02	−28 46.7	1.420	2.312	14.8	20.7
5 11	16 51.02	−29 11.0	1.365	2.319	10.7	20.5
5 21	16 41.42	−29 24.4	1.333	2.326	6.3	20.2
5 31	16 30.44	−29 24.8	1.325	2.334	3.3	20.1
6 10	16 19.62	−29 13.1	1.342	2.341	5.8	20.2
6 20	16 10.36	−28 52.9	1.384	2.349	10.2	20.5
6 30	16 3.77	−28 29.4	1.449	2.357	14.2	20.8

162656 2000 SB_{242} 5 30.6 188.°48 0.°7/30.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 2.97	−20 45.8	1.965	2.763	15.1	21.5
5 1	16 58.02	−20 37.6	1.875	2.763	12.0	21.3
5 11	16 50.52	−20 26.1	1.805	2.762	8.3	21.1
5 21	16 41.03	−20 11.5	1.761	2.760	4.2	20.8
5 31	16 30.47	−19 54.5	1.743	2.757	0.8	20.5
6 10	16 19.95	−19 37.1	1.754	2.753	4.7	20.8
6 20	16 10.52	−19 21.6	1.792	2.749	8.9	21.1
6 30	16 3.08	−19 10.6	1.855	2.744	12.5	21.3

59065 1998 UB_{43} 5 30.6 244.°16 2.°7/31.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 1.80	−27 58.0	1.836	2.633	16.0	19.4
5 1	16 57.67	−28 22.2	1.739	2.623	13.0	19.2
5 11	16 50.64	−28 40.1	1.662	2.613	9.4	18.9
5 21	16 41.25	−28 48.9	1.609	2.602	5.5	18.7
5 31	16 30.46	−28 47.0	1.582	2.591	2.7	18.4
6 10	16 19.56	−28 34.8	1.582	2.580	5.2	18.6
6 20	16 9.80	−28 15.0	1.608	2.569	9.3	18.8
6 30	16 2.26	−27 51.8	1.657	2.557	13.2	19.0

41982 2000 YE_{21} 5 30.6 257.°65 3.°2/31.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 2.12	−29 8.1	1.680	2.481	17.1	19.3
5 1	16 58.30	−29 28.8	1.582	2.467	14.0	19.1
5 11	16 51.31	−29 41.3	1.502	2.453	10.2	18.8
5 21	16 41.68	−29 42.6	1.446	2.438	6.1	18.5
5 31	16 30.45	−29 30.7	1.415	2.423	3.2	18.3
6 10	16 19.05	−29 6.4	1.410	2.408	5.7	18.4
6 20	16 8.91	−28 33.1	1.430	2.393	10.1	18.6
6 30	16 1.22	−27 56.3	1.473	2.377	14.3	18.8

508167 2015 FW_{211} 5 30.6 140.°29 1.°4/30.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 0.69	−17 8.1	2.234	3.029	13.6	21.9
5 1	16 55.75	−17 13.7	2.152	3.039	10.7	21.8
5 11	16 48.68	−17 19.6	2.092	3.048	7.4	21.6
5 21	16 40.01	−17 26.2	2.058	3.056	3.9	21.4
5 31	16 30.52	−17 33.9	2.053	3.065	1.4	21.2
6 10	16 21.13	−17 43.4	2.076	3.072	4.4	21.4
6 20	16 12.68	−17 55.4	2.126	3.080	7.9	21.6
6 30	16 5.90	−18 11.0	2.202	3.087	11.0	21.8

203479 2002 AL_{41} 5 30.6 100.°21 3.°4/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 2.07	−14 54.0	1.519	2.337	17.8	20.3
5 1	16 57.67	−14 31.2	1.453	2.351	14.2	20.1
5 11	16 50.39	−14 9.9	1.406	2.365	9.9	19.9
5 21	16 40.96	−13 51.9	1.383	2.379	5.6	19.6
5 31	16 30.49	−13 39.7	1.385	2.393	3.5	19.5
6 10	16 20.30	−13 35.5	1.413	2.406	6.6	19.8
6 20	16 11.57	−13 40.7	1.466	2.419	10.7	20.0
6 30	16 5.17	−13 56.0	1.541	2.431	14.6	20.3

377829 2006 BL_{109} 5 30.6 102.°24 4.°9/29.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 59.21	− 8 58.6	1.968	2.770	14.9	21.3
5 1	16 54.68	− 8 31.7	1.899	2.784	12.0	21.1
5 11	16 47.96	− 8 10.0	1.852	2.799	8.8	21.0
5 21	16 39.64	− 7 56.3	1.829	2.813	6.0	20.8
5 31	16 30.55	− 7 52.8	1.832	2.826	5.0	20.8
6 10	16 21.66	− 8 0.9	1.863	2.840	6.8	20.9
6 20	16 13.83	− 8 20.9	1.919	2.853	9.8	21.1
6 30	16 7.76	− 8 51.9	1.999	2.866	12.7	21.3

249141 2008 AE_{33} 5 30.6 333°.16 4°.0/31.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	17 4.25	−28 49.0	2.249	3.025	14.1	19.6
5 1	16 59.22	−30 13.3	2.152	3.021	11.5	19.4
5 11	16 51.56	−31 35.7	2.078	3.017	8.5	19.2
5 21	16 41.70	−32 51.7	2.030	3.013	5.6	19.0
5 31	16 30.46	−33 57.0	2.010	3.009	4.0	18.9
6 10	16 18.94	−34 49.0	2.019	3.006	5.6	19.0
6 20	16 8.27	−35 27.2	2.056	3.003	8.5	19.1
6 30	15 59.48	−35 54.1	2.118	3.000	11.5	19.3

47347 1999 XU_{49} 5 30.6 348°.91 0°.4/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.48	−25 20.9	1.293	2.130	19.3	18.6
5 1	16 53.43	−24 56.3	1.215	2.125	15.5	18.3
5 11	16 48.05	−24 20.7	1.155	2.120	10.8	18.0
5 21	16 40.01	−23 34.5	1.116	2.117	5.6	17.7
5 31	16 30.53	−22 40.0	1.100	2.114	0.4	17.3
6 10	16 21.18	−21 42.1	1.108	2.112	5.8	17.7
6 20	16 13.40	−20 47.0	1.140	2.110	11.1	18.0
6 30	16 8.29	−20 0.5	1.192	2.110	15.8	18.3

185547 2007 YS_{33} 5 30.6 327°.67 1°.5/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.86	−18 11.4	1.851	2.668	15.1	20.4
5 1	16 52.62	−18 9.4	1.760	2.660	12.0	20.2
5 11	16 46.92	−18 6.7	1.691	2.652	8.4	19.9
5 21	16 39.29	−18 4.2	1.645	2.645	4.3	19.7
5 31	16 30.56	−18 2.6	1.625	2.637	1.5	19.5
6 10	16 21.81	−18 3.5	1.632	2.631	5.0	19.7
6 20	16 14.04	−18 8.3	1.664	2.624	9.1	19.9
6 30	16 8.15	−18 18.3	1.719	2.618	12.9	20.1

75267 1999 XJ_{13} 5 30.6 209°.95 4°.0/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 59.12	−14 14.3	1.763	2.576	15.9	19.2
5 1	16 55.15	−13 29.7	1.677	2.573	12.7	18.9
5 11	16 48.61	−12 44.7	1.613	2.570	9.1	18.7
5 21	16 40.11	−12 2.2	1.573	2.566	5.5	18.5
5 31	16 30.54	−11 25.8	1.558	2.562	4.1	18.4
6 10	16 21.03	−10 58.9	1.570	2.557	6.8	18.5
6 20	16 12.64	−10 44.0	1.608	2.552	10.6	18.7
6 30	16 6.24	−10 42.5	1.667	2.547	14.2	18.9

188764 2005 US_{387} 5 30.6 243°.31 7°.2/28.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 59.25	− 3 1.3	2.115	2.902	14.5	20.8
5 1	16 54.86	− 2 19.7	2.018	2.887	12.2	20.6
5 11	16 48.25	− 1 45.7	1.943	2.871	9.7	20.4
5 21	16 39.91	− 1 23.2	1.891	2.854	7.7	20.2
5 31	16 30.55	− 1 16.1	1.866	2.837	7.2	20.1
6 10	16 21.10	− 1 26.6	1.867	2.820	8.8	20.2
6 20	16 12.47	− 1 55.0	1.893	2.801	11.3	20.3
6 30	16 5.44	− 2 40.1	1.942	2.783	14.1	20.5

131209 2001 DS_{48} 5 30.7 22°.81 1°.0/30.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 58.73	−17 52.8	1.678	2.496	16.4	19.1
5 1	16 55.06	−18 12.0	1.600	2.500	13.0	18.9
5 11	16 48.68	−18 32.4	1.542	2.503	9.0	18.6
5 21	16 40.18	−18 53.9	1.508	2.508	4.6	18.4
5 31	16 30.54	−19 16.1	1.499	2.512	1.1	18.1
6 10	16 20.96	−19 39.1	1.517	2.517	5.1	18.4
6 20	16 12.57	−20 3.4	1.560	2.523	9.4	18.7
6 30	16 6.30	−20 30.1	1.626	2.528	13.3	18.9

70149 1999 NL_{30} 5 30.7 309°.34 0°.8/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.58	−24 12.4	1.986	2.795	14.5	18.9
5 1	16 52.49	−24 15.2	1.878	2.772	11.7	18.7
5 11	16 46.94	−24 13.1	1.790	2.749	8.2	18.4
5 21	16 39.38	−24 5.5	1.727	2.726	4.3	18.1
5 31	16 30.59	−23 52.3	1.690	2.703	0.8	17.8
6 10	16 21.63	−23 35.0	1.679	2.681	4.5	18.1
6 20	16 13.55	−23 15.9	1.694	2.659	8.7	18.3
6 30	16 7.29	−22 58.2	1.734	2.637	12.5	18.4

102718 1999 VZ_{97} 5 30.7 140°.54 0°.6/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 2.39	−23 19.3	1.763	2.568	16.3	20.4
5 1	16 57.86	−23 28.8	1.683	2.574	13.0	20.1
5 11	16 50.56	−23 34.0	1.624	2.581	9.0	19.9
5 21	16 41.11	−23 34.0	1.588	2.587	4.6	19.7
5 31	16 30.54	−23 28.5	1.579	2.593	0.6	19.4
6 10	16 20.08	−23 18.9	1.597	2.598	4.8	19.7
6 20	16 10.91	−23 7.6	1.641	2.603	9.1	20.0
6 30	16 3.94	−22 57.8	1.709	2.607	12.9	20.2

181455 2006 TL_{35} 5 30.7 129°.43 1°.5/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 56.31	−19 10.9	2.600	3.396	11.9	20.7
5 1	16 51.96	−18 37.9	2.518	3.406	9.3	20.6
5 11	16 45.88	−18 2.3	2.459	3.416	6.4	20.4
5 21	16 38.55	−17 25.2	2.427	3.425	3.3	20.2
5 31	16 30.63	−16 48.6	2.423	3.434	1.5	20.1
6 10	16 22.86	−16 14.7	2.448	3.443	4.0	20.3
6 20	16 15.90	−15 45.7	2.501	3.452	7.0	20.5
6 30	16 10.32	−15 23.3	2.580	3.460	9.8	20.7

22491 1997 GX_{32} 5 30.7 346°.63 1°.3/31.1 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 58.45	−25 43.0	1.877	2.682	15.4	18.8
5 1	16 54.70	−25 48.6	1.790	2.681	12.3	18.5
5 11	16 48.36	−25 47.9	1.725	2.681	8.7	18.3
5 21	16 40.01	−25 40.1	1.683	2.680	4.6	18.1
5 31	16 30.58	−25 25.0	1.667	2.680	1.3	17.8
6 10	16 21.21	−25 4.3	1.678	2.679	4.6	18.1
6 20	16 12.98	−24 40.8	1.716	2.679	8.6	18.3
6 30	16 6.76	−24 18.1	1.776	2.679	12.3	18.5

80856 2000 DF_{23} 5 30.7 212°.11 3°.5/31.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 2.54	−31 9.4	1.879	2.667	16.0	20.1
5 1	16 58.17	−31 26.6	1.787	2.663	13.1	19.9
5 11	16 50.91	−31 34.2	1.714	2.658	9.6	19.6
5 21	16 41.36	−31 29.5	1.665	2.654	6.0	19.4
5 31	16 30.53	−31 10.8	1.643	2.648	3.5	19.2
6 10	16 19.72	−30 39.5	1.647	2.643	5.4	19.3
6 20	16 10.15	−29 59.2	1.677	2.637	9.1	19.5
6 30	16 2.84	−29 15.2	1.731	2.630	12.8	19.7

99304 2001 SF_{53} 5 30.7 149°.52 4°.8/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.12	− 9 35.4	2.314	3.116	13.0	20.1
5 1	16 51.24	− 8 42.2	2.233	3.118	10.5	19.9
5 11	16 45.51	− 7 51.4	2.175	3.121	7.8	19.7
5 21	16 38.42	− 7 6.4	2.142	3.123	5.5	19.6
5 31	16 30.64	− 6 30.3	2.136	3.125	4.9	19.5
6 10	16 22.97	− 6 5.8	2.158	3.127	6.6	19.6
6 20	16 16.11	− 5 54.4	2.205	3.129	9.2	19.8
6 30	16 10.69	− 5 56.2	2.276	3.131	11.8	20.0

189055 2000 SG_{339} 5 30.7 296°.44 0°.9/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 2.08	−21 24.1	1.755	2.562	16.2	19.6
5 1	16 58.38	−22 1.4	1.633	2.526	13.2	19.3
5 11	16 51.60	−22 40.4	1.532	2.490	9.4	19.0
5 21	16 42.03	−23 19.4	1.454	2.453	5.0	18.7
5 31	16 30.50	−23 56.1	1.402	2.415	0.9	18.3
6 10	16 18.26	−24 29.1	1.377	2.378	5.4	18.5
6 20	16 6.75	−24 58.1	1.378	2.340	10.5	18.7
6 30	15 57.36	−25 24.8	1.402	2.302	15.1	18.9

338752 2003 UY_{174} 5 30.7 243°.71 5°.3/31.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 4.30	−33 37.3	2.175	2.943	14.7	21.1
5 1	16 59.51	−34 44.5	2.075	2.934	12.3	20.9
5 11	16 51.91	−35 45.5	1.996	2.924	9.5	20.7
5 21	16 41.94	−36 35.7	1.942	2.915	6.7	20.5
5 31	16 30.51	−37 10.9	1.915	2.905	5.3	20.4
6 10	16 18.82	−37 29.4	1.915	2.895	6.4	20.4
6 20	16 8.12	−37 32.3	1.941	2.885	9.2	20.6
6 30	15 59.48	−37 23.4	1.992	2.874	12.1	20.7

167463 2003 YU_{20} 5 30.7 220°.65 0°.4/30.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 58.94	−23 30.6	2.605	3.391	12.1	21.6
5 1	16 54.31	−23 29.9	2.500	3.382	9.6	21.4
5 11	16 47.71	−23 25.2	2.418	3.371	6.7	21.2
5 21	16 39.58	−23 16.4	2.363	3.360	3.4	20.9
5 31	16 30.61	−23 3.5	2.335	3.349	0.4	20.6
6 10	16 21.59	−22 47.8	2.337	3.337	3.6	20.9
6 20	16 13.33	−22 31.0	2.367	3.325	7.0	21.1
6 30	16 6.52	−22 15.5	2.423	3.312	10.0	21.3

466716 2014 WJ_{488} 5 30.7 303°.06 0°.2/30.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 57.75	−21 18.0	1.325	2.160	19.0	21.5
5 1	16 55.52	−21 25.3	1.229	2.138	15.4	21.1
5 11	16 49.84	−21 29.9	1.151	2.117	10.9	20.8
5 21	16 41.16	−21 31.1	1.094	2.095	5.6	20.5
5 31	16 30.54	−21 29.0	1.060	2.074	0.3	20.0
6 10	16 19.55	−21 24.8	1.050	2.053	6.2	20.3
6 20	16 9.84	−21 21.1	1.064	2.033	11.9	20.6
6 30	16 2.83	−21 21.7	1.097	2.013	17.1	20.8

290756 2005 UA_{498} 5 30.7 252°.02 0°.9/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 56.47	−19 9.3	2.601	3.397	11.9	21.4
5 1	16 52.35	−19 7.0	2.496	3.384	9.4	21.2
5 11	16 46.36	−19 3.4	2.414	3.370	6.5	20.9
5 21	16 38.91	−18 58.9	2.358	3.357	3.3	20.7
5 31	16 30.64	−18 54.0	2.330	3.343	0.9	20.5
6 10	16 22.31	−18 49.9	2.331	3.329	3.8	20.7
6 20	16 14.66	−18 47.8	2.359	3.314	7.1	20.9
6 30	16 8.36	−18 49.1	2.413	3.300	10.1	21.1

29968 1999 JE_{106} 5 30.7 313°.71 4°.5/28.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.32	−12 20.3	2.046	2.859	14.0	18.5
5 1	16 50.99	−11 24.9	1.958	2.853	11.3	18.3
5 11	16 45.55	−10 29.8	1.893	2.847	8.2	18.1
5 21	16 38.52	− 9 38.4	1.852	2.841	5.4	17.9
5 31	16 30.65	− 8 54.3	1.838	2.835	4.6	17.9
6 10	16 22.84	− 8 21.1	1.850	2.830	6.7	18.0
6 20	16 15.92	− 8 1.0	1.888	2.824	9.8	18.2
6 30	16 10.60	− 7 54.9	1.949	2.819	12.9	18.4

251672 1995 SG_{13} 5 30.7 18°.43 0°.2/30.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 55.73	−22 21.3	1.157	2.005	20.4	19.7
5 1	16 53.80	−22 17.0	1.094	2.010	16.2	19.5
5 11	16 48.37	−22 7.0	1.047	2.016	11.3	19.2
5 21	16 40.19	−21 51.5	1.021	2.024	5.7	18.9
5 31	16 30.60	−21 31.8	1.018	2.032	0.3	18.5
6 10	16 21.26	−21 11.1	1.038	2.041	6.0	19.0
6 20	16 13.66	−20 53.1	1.080	2.052	11.4	19.3
6 30	16 8.90	−20 41.8	1.142	2.063	16.1	19.6

153663 2001 TL_{152} 5 30.7 209°.28 2°.3/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 59.57	−16 39.3	2.181	2.981	13.7	21.6
5 1	16 55.05	−16 15.4	2.086	2.975	10.9	21.3
5 11	16 48.34	−15 50.2	2.013	2.969	7.7	21.1
5 21	16 39.94	−15 25.3	1.965	2.962	4.2	20.9
5 31	16 30.61	−15 2.6	1.945	2.954	2.4	20.8
6 10	16 21.29	−14 44.0	1.953	2.946	5.1	20.9
6 20	16 12.86	−14 31.7	1.988	2.937	8.6	21.1
6 30	16 6.09	−14 27.3	2.048	2.928	11.9	21.3

223249 2003 FF_{59} 5 30.7 71°.68 4°.7/31.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 3.09	−31 22.9	1.690	2.484	17.3	20.5
5 1	16 58.85	−32 13.1	1.616	2.494	14.1	20.3
5 11	16 51.50	−32 54.6	1.562	2.505	10.5	20.1
5 21	16 41.68	−33 23.4	1.530	2.515	6.9	19.9
5 31	16 30.55	−33 36.3	1.524	2.526	4.7	19.8
6 10	16 19.55	−33 33.3	1.544	2.536	6.3	19.9
6 20	16 10.01	−33 17.5	1.589	2.547	9.7	20.2
6 30	16 2.99	−32 54.2	1.658	2.557	13.2	20.4

392407 2010 LK_{78} 5 30.7 121°.91 4°.0/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.40	−12 48.7	2.388	3.192	12.5	21.5
5 1	16 50.64	−11 48.4	2.304	3.194	10.0	21.3
5 11	16 45.08	−10 47.8	2.244	3.195	7.3	21.1
5 21	16 38.21	− 9 50.1	2.209	3.196	4.8	21.0
5 31	16 30.69	− 8 58.8	2.201	3.198	4.1	20.9
6 10	16 23.27	− 8 16.8	2.222	3.199	5.9	21.0
6 20	16 16.65	− 7 46.3	2.269	3.200	8.7	21.2
6 30	16 11.42	− 7 28.6	2.340	3.201	11.3	21.4

299373 2005 UV_{241} 5 30.7 341°.57 2°.4/31.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.48	−27 49.8	1.092	1.939	21.5	20.4
5 1	16 54.26	−27 50.5	1.017	1.931	17.4	20.1
5 11	16 49.15	−27 38.6	0.958	1.924	12.5	19.8
5 21	16 40.80	−27 11.9	0.918	1.918	6.9	19.4
5 31	16 30.59	−26 30.5	0.900	1.912	2.4	19.1
6 10	16 20.43	−25 38.3	0.904	1.908	6.5	19.4
6 20	16 12.10	−24 42.4	0.929	1.904	12.3	19.7
6 30	16 6.98	−23 50.6	0.973	1.902	17.5	20.0

277598 2006 AS_{34} 5 30.7 194°.35 0°.6/30.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 59.41	−20 45.2	1.970	2.775	14.8	21.3
5 1	16 55.23	−20 42.5	1.881	2.774	11.8	21.1
5 11	16 48.62	−20 37.1	1.814	2.773	8.1	20.9
5 21	16 40.14	−20 29.1	1.772	2.771	4.1	20.6
5 31	16 30.63	−20 19.2	1.756	2.770	0.6	20.3
6 10	16 21.16	−20 8.8	1.768	2.768	4.5	20.6
6 20	16 12.72	−20 0.0	1.807	2.766	8.6	20.9
6 30	16 6.17	−19 55.0	1.869	2.764	12.2	21.1

367127 2006 SP_{202} 5 30.7 255°.33 1°.2/31.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.42	−27 15.3	3.596	4.372	9.2	21.6
5 1	16 49.48	−27 20.0	3.485	4.358	7.4	21.4
5 11	16 44.13	−27 20.4	3.397	4.343	5.3	21.3
5 21	16 37.72	−27 16.2	3.336	4.329	2.9	21.1
5 31	16 30.73	−27 7.1	3.304	4.314	1.2	20.9
6 10	16 23.71	−26 54.0	3.301	4.299	2.8	21.1
6 20	16 17.19	−26 38.1	3.327	4.284	5.2	21.2
6 30	16 11.67	−26 21.0	3.380	4.269	7.4	21.3

147180 2002 VT_{52} 5 30.7 152°.94 1°.6/31.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 3.16	−25 6.5	1.892	2.688	15.6	21.0
5 1	16 58.41	−25 32.6	1.808	2.694	12.5	20.8
5 11	16 50.94	−25 54.4	1.746	2.699	8.8	20.6
5 21	16 41.35	−26 10.0	1.707	2.703	4.8	20.3
5 31	16 30.60	−26 18.0	1.696	2.708	1.7	20.1
6 10	16 19.91	−26 18.9	1.711	2.711	4.7	20.3
6 20	16 10.42	−26 14.6	1.754	2.715	8.7	20.6
6 30	16 3.04	−26 8.4	1.821	2.718	12.4	20.8

138169 2000 EN_{100} 5 30.7 197°.79 0°.9/31.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 1.79	−25 6.6	2.057	2.850	14.6	21.6
5 1	16 57.11	−25 5.4	1.963	2.847	11.7	21.4
5 11	16 49.93	−24 58.2	1.890	2.844	8.2	21.1
5 21	16 40.81	−24 44.4	1.843	2.840	4.3	20.9
5 31	16 30.63	−24 23.9	1.823	2.836	0.9	20.6
6 10	16 20.47	−23 58.6	1.830	2.831	4.3	20.9
6 20	16 11.38	−23 31.3	1.865	2.825	8.3	21.1
6 30	16 4.21	−23 5.4	1.925	2.819	11.9	21.3

129646 1998 KR_{26} 5 30.7 186°.73 6°.7/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 58.66	− 7 0.3	2.321	3.111	13.3	19.4
5 1	16 53.98	− 5 11.3	2.238	3.111	10.9	19.2
5 11	16 47.38	− 3 23.4	2.179	3.110	8.6	19.0
5 21	16 39.38	− 1 42.0	2.147	3.109	7.0	18.9
5 31	16 30.68	− 0 12.9	2.143	3.107	6.9	18.9
6 10	16 22.09	+ 0 59.1	2.167	3.105	8.6	19.0
6 20	16 14.36	+ 1 51.2	2.216	3.103	10.9	19.2
6 30	16 8.11	+ 2 22.9	2.289	3.100	13.2	19.3

249676 1999 VK_{185} 5 30.7 295°.07 0°.8/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 59.46	−22 0.7	2.274	3.069	13.4	20.2
5 1	16 55.31	−22 37.4	2.158	3.044	10.7	20.0
5 11	16 48.81	−23 14.1	2.064	3.019	7.6	19.7
5 21	16 40.36	−23 49.6	1.996	2.993	4.0	19.4
5 31	16 30.64	−24 22.2	1.955	2.968	0.9	19.2
6 10	16 20.61	−24 51.3	1.943	2.943	4.2	19.4
6 20	16 11.27	−25 16.8	1.958	2.918	8.0	19.5
6 30	16 3.52	−25 40.2	1.999	2.892	11.6	19.7

511396 2014 GN_{56} 5 30.7 304°.75 1°.4/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 56.89	−16 32.0	2.244	3.047	13.3	20.7
5 1	16 53.01	−16 45.2	2.146	3.037	10.6	20.5
5 11	16 47.00	−17 0.0	2.069	3.027	7.4	20.3
5 21	16 39.32	−17 16.7	2.018	3.017	3.9	20.1
5 31	16 30.68	−17 35.4	1.995	3.007	1.5	19.9
6 10	16 21.96	−17 56.6	1.999	2.997	4.4	20.1
6 20	16 14.02	−18 20.4	2.031	2.987	8.0	20.3
6 30	16 7.62	−18 47.5	2.087	2.978	11.3	20.5

354728 2005 SX_{192} 5 30.7 262°.54 5°.6/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 1.20	−37 14.6	2.444	3.199	13.6	20.4
5 1	16 56.76	−38 8.6	2.345	3.191	11.5	20.3
5 11	16 49.80	−38 53.8	2.268	3.184	9.1	20.1
5 21	16 40.82	−39 26.3	2.214	3.176	6.8	19.9
5 31	16 30.63	−39 43.1	2.187	3.168	5.6	19.9
6 10	16 20.32	−39 43.4	2.187	3.160	6.4	19.9
6 20	16 10.93	−39 28.8	2.214	3.152	8.5	20.0
6 30	16 3.41	−39 3.3	2.265	3.144	11.0	20.1

309185 2007 CH_{60} 5 30.7 118°.72 1°.5/31.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 57.25	−28 31.8	2.651	3.432	12.0	21.0
5 1	16 52.83	−28 20.8	2.566	3.442	9.6	20.9
5 11	16 46.56	−28 2.5	2.504	3.452	6.8	20.7
5 21	16 38.95	−27 36.8	2.467	3.461	3.8	20.5
5 31	16 30.71	−27 4.0	2.459	3.470	1.5	20.4
6 10	16 22.61	−26 26.3	2.480	3.479	3.5	20.5
6 20	16 15.39	−25 46.1	2.528	3.488	6.5	20.7
6 30	16 9.64	−25 6.6	2.603	3.496	9.2	20.9

296882 2010 AU_{40} 5 30.7 50°.61 5°.2/29.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 58.47	− 9 24.8	1.618	2.435	16.9	20.1
5 1	16 54.52	− 9 1.6	1.561	2.456	13.6	19.9
5 11	16 48.06	− 8 44.9	1.524	2.477	9.9	19.7
5 21	16 39.78	− 8 37.5	1.511	2.498	6.6	19.6
5 31	16 30.68	− 8 41.7	1.522	2.520	5.3	19.6
6 10	16 21.90	− 8 58.6	1.559	2.542	7.4	19.7
6 20	16 14.41	− 9 27.7	1.621	2.564	10.7	20.0
6 30	16 8.96	−10 7.8	1.705	2.586	13.9	20.2

119414 2001 TQ_{80} 5 30.7 211°.53 3°.3/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 59.16	−13 30.0	2.341	3.136	13.0	19.8
5 1	16 54.55	−12 57.2	2.243	3.128	10.4	19.6
5 11	16 47.92	−12 24.7	2.169	3.120	7.5	19.4
5 21	16 39.73	−11 54.6	2.120	3.111	4.6	19.2
5 31	16 30.69	−11 29.3	2.099	3.102	3.4	19.1
6 10	16 21.64	−11 11.0	2.107	3.092	5.5	19.2
6 20	16 13.40	−11 1.3	2.142	3.081	8.7	19.4
6 30	16 6.67	−11 1.4	2.201	3.069	11.7	19.6

419617 2010 RS_{173} 5 30.7 343°.78 0°.6/30.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.69	−24 1.5	1.084	1.941	20.8	20.6
5 1	16 51.16	−23 59.5	1.007	1.929	16.8	20.3
5 11	16 46.99	−23 49.2	0.947	1.918	11.8	20.0
5 21	16 39.74	−23 30.2	0.906	1.908	6.1	19.7
5 31	16 30.68	−23 3.5	0.886	1.900	0.6	19.2
6 10	16 21.59	−22 32.5	0.888	1.893	6.4	19.6
6 20	16 14.14	−22 2.2	0.911	1.888	12.3	19.9
6 30	16 9.69	−21 38.2	0.953	1.884	17.5	20.2

7612 1996 CN_{2} 5 30.7 190°.99 4°.1/28.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.73	− 9 41.8	2.621	3.417	11.8	17.5
5 1	16 50.77	− 9 7.3	2.534	3.416	9.5	17.3
5 11	16 45.13	− 8 35.7	2.470	3.415	7.0	17.1
5 21	16 38.26	− 8 9.2	2.431	3.414	4.8	17.0
5 31	16 30.76	− 7 50.1	2.420	3.412	4.1	17.0
6 10	16 23.30	− 7 40.1	2.437	3.411	5.7	17.1
6 20	16 16.54	− 7 40.3	2.481	3.409	8.1	17.2
6 30	16 11.04	− 7 50.7	2.549	3.407	10.6	17.4

243893 2001 BN_5 5 30.7 250°.80 10°.6/ 4.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	17 16.04	−55 25.3	2.544	3.189	15.6	21.3
5 1	17 9.65	−56 16.5	2.432	3.167	14.3	21.1
5 11	16 59.37	−56 50.0	2.336	3.144	12.8	21.0
5 21	16 45.86	−56 58.6	2.261	3.120	11.6	20.9
5 31	16 30.49	−56 36.1	2.208	3.095	10.7	20.7
6 10	16 15.13	−55 40.7	2.178	3.070	10.8	20.7
6 20	16 1.57	−54 15.4	2.173	3.044	11.7	20.7
6 30	15 51.17	−52 27.8	2.192	3.017	13.3	20.8

467954 2012 FX_{52} 5 30.7 97°.23 1°.0/30.9 16

4 21	17 2.94	−24 15.9	1.654	2.461	17.1	22.6
5 1	16 58.40	−24 25.2	1.584	2.476	13.6	22.4
5 11	16 50.96	−24 29.2	1.534	2.491	9.5	22.1
5 21	16 41.34	−24 26.7	1.507	2.506	4.9	21.9
5 31	16 30.66	−24 17.4	1.507	2.520	1.0	21.6
6 10	16 20.22	−24 3.2	1.533	2.534	4.9	22.0
6 20	16 11.23	−23 46.9	1.585	2.548	9.2	22.2
6 30	16 4.58	−23 32.1	1.660	2.561	13.1	22.5

2379 Heiskanen 5 30.7 309°.16 0°.3/30.6 18

4 21	16 55.11	−21 56.7	2.072	2.881	14.0	15.6
5 1	16 52.02	−21 50.0	1.958	2.853	11.2	15.3
5 11	16 46.59	−21 39.2	1.866	2.826	7.9	15.1
5 21	16 39.24	−21 24.6	1.798	2.798	4.0	14.8
5 31	16 30.72	−21 6.9	1.757	2.771	0.3	14.4
6 10	16 22.00	−20 47.7	1.743	2.743	4.5	14.7
6 20	16 14.07	−20 29.4	1.754	2.717	8.6	14.9
6 30	16 7.83	−20 14.9	1.790	2.690	12.4	15.1

126770 2002 DY_{14} 5 30.7 164°.77 1°.7/30.0 17

4 21	16 58.80	−18 43.2	2.006	2.812	14.5	21.2
5 1	16 54.61	−18 19.7	1.921	2.815	11.5	21.0
5 11	16 48.10	−17 53.7	1.858	2.817	8.0	20.8
5 21	16 39.86	−17 26.4	1.820	2.819	4.2	20.5
5 31	16 30.71	−16 59.7	1.809	2.821	1.8	20.4
6 10	16 21.67	−16 36.1	1.825	2.822	4.9	20.6
6 20	16 13.65	−16 17.8	1.868	2.823	8.7	20.8
6 30	16 7.43	−16 6.9	1.935	2.824	12.1	21.0

255669 2006 QR_{40} 5 30.7 280°.90 2°.8/31.2 17

4 21	17 1.60	−26 15.2	1.569	2.380	17.7	20.6
5 1	16 58.17	−26 53.6	1.472	2.365	14.4	20.3
5 11	16 51.46	−27 28.1	1.394	2.350	10.4	20.0
5 21	16 41.93	−27 55.5	1.339	2.334	5.9	19.7
5 31	16 30.63	−28 13.0	1.308	2.319	2.8	19.5
6 10	16 19.03	−28 19.8	1.303	2.303	5.8	19.7
6 20	16 8.66	−28 17.6	1.323	2.288	10.6	19.9
6 30	16 0.81	−28 10.8	1.365	2.272	15.0	20.1

377821 2006 BZ_{84} 5 30.7 204°.40 1°.2/31.2 17

4 21	17 1.25	−26 4.5	2.472	3.253	12.8	22.7
5 1	16 56.28	−26 6.0	2.371	3.248	10.3	22.5
5 11	16 49.16	−26 2.0	2.292	3.241	7.2	22.3
5 21	16 40.39	−25 51.5	2.238	3.234	3.9	22.1
5 31	16 30.70	−25 34.5	2.214	3.226	1.2	21.8
6 10	16 21.01	−25 12.2	2.218	3.218	3.8	22.0
6 20	16 12.18	−24 46.9	2.251	3.208	7.2	22.2
6 30	16 4.96	−24 21.6	2.309	3.199	10.4	22.4

141974 2002 PO_{126} 5 30.7 244°.25 1°.8/31.2 18

4 21	17 2.45	−26 11.1	1.917	2.712	15.5	20.5
5 1	16 58.10	−26 26.2	1.813	2.697	12.5	20.3
5 11	16 50.95	−26 35.7	1.730	2.682	9.0	20.0
5 21	16 41.51	−26 37.8	1.670	2.666	4.9	19.8
5 31	16 30.67	−26 31.3	1.638	2.650	1.8	19.5
6 10	16 19.66	−26 17.0	1.633	2.633	4.8	19.7
6 20	16 9.69	−25 57.4	1.654	2.616	9.1	19.9
6 30	16 1.81	−25 36.4	1.700	2.598	13.0	20.1

351612 2005 VS_{133} 5 30.7 89°.16 8°.5/25.3 18

4 21	16 54.12	+ 2 16.5	2.485	3.259	12.9	20.4
5 1	16 50.25	+ 3 53.2	2.423	3.270	11.1	20.3
5 11	16 44.73	+ 5 21.1	2.385	3.282	9.5	20.2
5 21	16 38.04	+ 6 34.9	2.371	3.293	8.6	20.2
5 31	16 30.79	+ 7 30.3	2.383	3.304	8.7	20.2
6 10	16 23.70	+ 8 4.7	2.420	3.315	9.7	20.3
6 20	16 17.38	+ 8 17.6	2.480	3.326	11.3	20.4
6 30	16 12.36	+ 8 10.2	2.562	3.337	12.9	20.5

176387 2001 UE_{41} 5 30.7 153°.07 2°.0/29.8 18

4 21	16 56.58	−16 20.7	2.730	3.523	11.4	21.8
5 1	16 52.14	−15 58.8	2.645	3.530	9.0	21.7
5 11	16 46.03	−15 36.5	2.583	3.537	6.3	21.5
5 21	16 38.70	−15 14.7	2.547	3.543	3.5	21.3
5 31	16 30.77	−14 55.1	2.540	3.549	2.0	21.2
6 10	16 22.94	−14 39.2	2.562	3.554	4.1	21.4
6 20	16 15.84	−14 28.4	2.613	3.559	6.9	21.6
6 30	16 10.03	−14 23.8	2.688	3.564	9.6	21.7

174718 2003 UD_{146} 5 30.7 252°.12 0°.7/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	17 2.27	−22 21.2	1.679	2.488	16.8	20.5
5 1	16 58.26	−22 44.7	1.583	2.477	13.5	20.2
5 11	16 51.24	−23 6.4	1.508	2.466	9.5	20.0
5 21	16 41.72	−23 24.7	1.456	2.455	4.9	19.7
5 31	16 30.67	−23 38.2	1.429	2.443	0.7	19.3
6 10	16 19.43	−23 47.1	1.430	2.431	5.2	19.6
6 20	16 9.35	−23 52.8	1.456	2.419	9.9	19.9
6 30	16 1.56	−23 58.2	1.505	2.407	14.2	20.1

463716 2014 QP_{211} 5 30.7 134°.43 1°.6/30.3 16

4 21	17 2.19	−19 22.1	1.532	2.349	17.7	22.2
5 1	16 58.01	−19 6.8	1.457	2.356	14.1	22.0
5 11	16 50.84	−18 48.6	1.401	2.362	9.8	21.7
5 21	16 41.36	−18 28.6	1.368	2.368	5.0	21.5
5 31	16 30.68	−18 8.4	1.361	2.374	1.6	21.3
6 10	16 20.18	−17 50.7	1.380	2.379	5.7	21.5
6 20	16 11.10	−17 38.0	1.424	2.384	10.4	21.8
6 30	16 4.42	−17 33.1	1.490	2.389	14.5	22.1

106549 2000 WS_{69} 5 30.7 288°.54 1°.5/31.4 18

4 21	16 56.60	−28 2.2	2.232	3.025	13.6	19.4
5 1	16 52.91	−27 49.0	2.130	3.014	11.0	19.2
5 11	16 46.99	−27 27.4	2.051	3.003	7.8	19.0
5 21	16 39.34	−26 56.9	1.996	2.991	4.3	18.8
5 31	16 30.75	−26 18.0	1.968	2.980	1.5	18.5
6 10	16 22.17	−25 33.0	1.968	2.969	4.1	18.7
6 20	16 14.52	−24 45.2	1.995	2.957	7.7	18.9
6 30	16 8.57	−23 58.8	2.047	2.946	11.1	19.1

190603 2000 UV_{80} 5 30.7 232°.34 0°.5/30.9 18

4 21	17 0.14	−24 14.7	2.284	3.075	13.4	21.8
5 1	16 55.63	−24 9.2	2.179	3.062	10.8	21.6
5 11	16 48.86	−23 58.5	2.096	3.049	7.5	21.4
5 21	16 40.30	−23 42.2	2.038	3.036	3.9	21.1
5 31	16 30.73	−23 20.5	2.008	3.022	0.5	20.8
6 10	16 21.10	−22 55.2	2.007	3.007	4.0	21.1
6 20	16 12.34	−22 28.7	2.033	2.992	7.8	21.3
6 30	16 5.25	−22 4.1	2.084	2.976	11.3	21.5

159261 2005 YC_{175} 5 30.7 203°.93 0°.0/30.7 18

4 21	17 0.44	−23 17.6	2.497	3.283	12.6	21.4
5 1	16 55.54	−23 3.1	2.396	3.278	10.0	21.2
5 11	16 48.60	−22 43.8	2.318	3.271	7.0	21.0
5 21	16 40.09	−22 19.6	2.266	3.264	3.5	20.8
5 31	16 30.75	−21 51.5	2.242	3.256	0.1	20.5
6 10	16 21.42	−21 21.3	2.248	3.248	3.8	20.8
6 20	16 12.93	−20 51.3	2.282	3.238	7.3	21.0
6 30	16 5.97	−20 24.5	2.342	3.228	10.4	21.2

196450 2003 HH_{47} 5 30.7 44°.14 0°.3/30.7 18

4 21	17 15.53	−11 19.7	1.032	1.854	24.1	18.0
5 1	17 9.76	−13 32.3	0.981	1.881	19.2	17.8
5 11	16 59.61	−16 2.5	0.948	1.909	13.3	17.6
5 21	16 45.97	−18 42.4	0.938	1.938	6.7	17.3
5 31	16 30.56	−21 20.3	0.953	1.967	0.4	16.9
6 10	16 15.60	−23 45.0	0.995	1.997	6.7	17.5
6 20	16 3.07	−25 50.3	1.063	2.028	12.5	17.9
6 30	15 54.30	−27 36.2	1.152	2.058	17.2	18.3

355131 2006 UN_{192} 5 30.7 175°.11 0°.6/31.0 18

4 21	16 57.60	−26 28.1	2.456	3.245	12.7	21.0
5 1	16 53.28	−25 57.1	2.364	3.246	10.1	20.8
5 11	16 46.98	−25 18.3	2.294	3.247	7.0	20.6
5 21	16 39.24	−24 32.1	2.250	3.247	3.7	20.4
5 31	16 30.78	−23 40.2	2.234	3.248	0.6	20.1
6 10	16 22.46	−22 45.2	2.247	3.248	3.6	20.4
6 20	16 15.04	−21 50.7	2.289	3.248	7.0	20.6
6 30	16 9.17	−21 0.0	2.356	3.248	10.1	20.8

209371 2004 ES_{14} 5 30.7 69°.34 6°.2/28.5 18

4 21	16 55.85	− 5 28.2	2.078	2.879	14.3	19.7
5 1	16 52.01	− 4 45.1	2.007	2.887	11.7	19.5
5 11	16 46.17	− 4 8.8	1.957	2.895	9.0	19.4
5 21	16 38.84	− 3 42.7	1.931	2.903	6.9	19.3
5 31	16 30.79	− 3 30.1	1.931	2.911	6.3	19.2
6 10	16 22.88	− 3 32.6	1.957	2.919	7.8	19.3
6 20	16 15.89	− 3 50.5	2.008	2.927	10.3	19.5
6 30	16 10.49	− 4 22.6	2.082	2.935	12.8	19.7

43569 2001 FY_{142} 5 30.7 296°.72 7°.9/28.4 18

4 21	16 56.72	− 2 48.5	1.850	2.652	15.7	18.5
5 1	16 53.30	− 2 8.8	1.755	2.632	13.3	18.3
5 11	16 47.47	− 1 38.0	1.679	2.612	10.6	18.1
5 21	16 39.70	− 1 20.9	1.626	2.592	8.5	17.9
5 31	16 30.77	− 1 21.6	1.598	2.572	8.0	17.8
6 10	16 21.70	− 1 42.7	1.595	2.553	9.6	17.9
6 20	16 13.50	− 2 24.1	1.615	2.533	12.4	18.0
6 30	16 7.06	− 3 23.9	1.658	2.514	15.4	18.1

468755 2011 FF_{32} 5 30.7 42°.63 1°.1/30.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 57.33	−21 22.1	1.653	2.473	16.5	20.6
5 1	16 53.93	−20 53.5	1.579	2.481	13.1	20.4
5 11	16 47.86	−20 19.7	1.526	2.489	9.0	20.2
5 21	16 39.81	−19 41.9	1.496	2.497	4.6	20.0
5 31	16 30.77	−19 2.7	1.492	2.505	1.2	19.7
6 10	16 21.95	−18 25.4	1.514	2.514	5.2	20.0
6 20	16 14.41	−17 53.6	1.561	2.523	9.5	20.3
6 30	16 8.99	−17 30.2	1.631	2.532	13.3	20.6

395567 2011 US_{243} 5 30.7 311°.33 1°.6/31.1 17

4 21	16 58.48	−24 34.9	2.138	2.936	14.0	20.5
5 1	16 54.57	−25 9.2	2.041	2.928	11.2	20.3
5 11	16 48.27	−25 40.9	1.967	2.921	8.0	20.1
5 21	16 40.08	−26 8.3	1.917	2.913	4.3	19.8
5 31	16 30.77	−26 30.0	1.894	2.906	1.6	19.6
6 10	16 21.35	−26 45.6	1.899	2.899	4.3	19.8
6 20	16 12.83	−26 56.1	1.931	2.892	8.0	20.0
6 30	16 6.06	−27 3.7	1.987	2.885	11.4	20.2

460171 2014 QC_{30} 5 30.7 243°.27 0°.6/30.3 17

4 21	16 52.17	−20 3.1	3.879	4.664	8.5	22.8
5 1	16 48.32	−19 49.4	3.767	4.649	6.7	22.6
5 11	16 43.27	−19 33.8	3.680	4.633	4.6	22.5
5 21	16 37.31	−19 16.7	3.620	4.618	2.3	22.3
5 31	16 30.86	−18 59.0	3.589	4.602	0.6	22.1
6 10	16 24.40	−18 41.8	3.589	4.586	2.7	22.3
6 20	16 18.38	−18 26.0	3.617	4.569	5.0	22.4
6 30	16 13.20	−18 13.1	3.673	4.553	7.1	22.5

98915 2001 BJ_{67} 5 30.7 97°.87 12°.0/ 4.5 18

4 21	17 15.96	−53 59.4	2.170	2.838	17.4	19.2
5 1	17 10.23	−55 45.5	2.104	2.853	15.8	19.1
5 11	17 0.19	−57 13.4	2.055	2.867	14.2	19.0
5 21	16 46.47	−58 14.8	2.026	2.882	12.9	18.9
5 31	16 30.56	−58 42.7	2.019	2.896	12.1	18.9
6 10	16 14.62	−58 35.3	2.035	2.910	12.2	18.9
6 20	16 0.74	−57 56.4	2.072	2.923	12.9	19.0
6 30	15 50.46	−56 54.0	2.130	2.937	14.2	19.1

363491 2003 TP 5 30.7 307°.46 12°.2/21.6 17

4 21	16 55.87	− 7 58.8	1.321	2.156	19.1	21.0
5 1	16 53.84	− 4 49.6	1.218	2.118	16.2	20.7
5 11	16 48.62	− 1 24.9	1.136	2.079	13.5	20.4
5 21	16 40.61	+ 2 3.2	1.079	2.040	12.2	20.2
5 31	16 30.75	+ 5 17.7	1.046	2.002	13.4	20.2
6 10	16 20.45	+ 8 1.6	1.036	1.963	16.6	20.2
6 20	16 11.17	+10 3.2	1.046	1.925	20.7	20.3
6 30	16 4.26	+11 17.8	1.072	1.888	24.7	20.5

171442 2007 RU_{112} 5 30.7 315°.05 6°.5/28.6 17

4 21	16 54.89	−12 9.8	1.250	2.095	19.4	20.2
5 1	16 53.01	−11 7.9	1.167	2.079	15.8	19.9
5 11	16 47.90	−10 5.7	1.102	2.064	11.7	19.6
5 21	16 40.13	− 9 8.9	1.058	2.049	7.8	19.3
5 31	16 30.78	− 8 24.1	1.036	2.035	6.7	19.2
6 10	16 21.32	− 7 57.1	1.037	2.022	9.7	19.3
6 20	16 13.19	− 7 51.2	1.059	2.009	14.2	19.5
6 30	16 7.61	− 8 7.2	1.100	1.997	18.6	19.8

218244 2002 XJ_{75} 5 30.7 225°.74 1°.3/31.2 18

4 21	17 1.88	−26 15.9	2.081	2.872	14.6	21.6
5 1	16 57.30	−26 15.8	1.979	2.861	11.7	21.4
5 11	16 50.18	−26 9.2	1.899	2.851	8.3	21.1
5 21	16 41.05	−25 54.8	1.843	2.839	4.5	20.9
5 31	16 30.76	−25 32.5	1.814	2.827	1.3	20.6
6 10	16 20.41	−25 3.9	1.814	2.814	4.4	20.8
6 20	16 11.07	−24 31.9	1.840	2.801	8.4	21.0
6 30	16 3.65	−24 0.5	1.892	2.787	12.1	21.2

349450 2008 CF_{69} 5 30.7 78°.38 3°.3/ 1.2 18

4 21	16 58.33	−32 35.5	2.289	3.068	13.8	21.1
5 1	16 54.26	−32 44.0	2.200	3.070	11.2	20.9
5 11	16 47.89	−32 42.8	2.132	3.072	8.3	20.8
5 21	16 39.79	−32 30.3	2.089	3.073	5.3	20.6
5 31	16 30.80	−32 5.8	2.072	3.075	3.3	20.4
6 10	16 21.92	−31 30.8	2.083	3.077	4.7	20.5
6 20	16 14.06	−30 48.5	2.120	3.079	7.6	20.7
6 30	16 7.98	−30 3.1	2.183	3.080	10.6	20.9

260544 2005 EE_{177} 5 30.7 178°.46 1°.0/30.3 17

4 21	17 2.12	−20 27.9	1.967	2.767	15.0	21.8
5 1	16 57.35	−20 10.3	1.879	2.769	11.9	21.6
5 11	16 50.09	−19 49.1	1.813	2.770	8.3	21.4
5 21	16 40.94	−19 24.9	1.772	2.771	4.2	21.1
5 31	16 30.78	−18 59.0	1.758	2.771	1.1	20.9
6 10	16 20.71	−18 33.8	1.772	2.770	4.8	21.2
6 20	16 11.74	−18 12.0	1.813	2.769	8.8	21.4
6 30	16 4.71	−17 56.1	1.878	2.767	12.4	21.6

235170 2003 SM_{46} 5 30.7 262°.63 2°.6/31.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	17 0.14	−28 51.3	2.103	2.892	14.5	20.5
5 1	16 56.07	−29 9.1	1.998	2.877	11.8	20.3
5 11	16 49.44	−29 20.0	1.913	2.860	8.6	20.1
5 21	16 40.73	−29 22.1	1.853	2.844	5.1	19.8
5 31	16 30.79	−29 13.9	1.819	2.828	2.6	19.6
6 10	16 20.70	−28 56.1	1.813	2.811	4.7	19.7
6 20	16 11.57	−28 31.2	1.833	2.794	8.4	19.9
6 30	16 4.33	−28 3.1	1.878	2.776	12.0	20.1

403284 2009 BH_{44} 5 30.7 160°.64 2°.2/31.5 17

4 21	17 4.91	−28 5.0	1.806	2.597	16.4	22.2
5 1	16 59.95	−28 10.5	1.722	2.604	13.2	22.0
5 11	16 52.10	−28 7.5	1.659	2.609	9.5	21.8
5 21	16 42.01	−27 54.1	1.620	2.614	5.3	21.6
5 31	16 30.75	−27 30.0	1.608	2.619	2.2	21.4
6 10	16 19.66	−26 57.0	1.623	2.622	4.9	21.6
6 20	16 9.92	−26 19.0	1.664	2.625	9.0	21.8
6 30	16 2.50	−25 41.1	1.729	2.627	12.8	22.0

444745 2007 JF_{43} 5 30.7 300°.71 0°.3/29.1 15

4 21	16 34.36	−11 46.8	36.249	37.038	1.0	21.1
5 1	16 33.65	−11 43.1	36.151	37.032	0.8	21.1
5 11	16 32.85	−11 39.6	36.079	37.027	0.5	21.0
5 21	16 31.98	−11 36.5	36.035	37.022	0.3	21.0
5 31	16 31.08	−11 33.7	36.019	37.017	0.3	21.0
6 10	16 30.19	−11 31.4	36.032	37.012	0.4	21.0
6 20	16 29.32	−11 29.7	36.074	37.007	0.6	21.0
6 30	16 28.53	−11 28.5	36.141	37.002	0.8	21.1

342848 2008 YQ_{5} 5 30.7 124°.84 1°.7/31.6 18

4 21	16 59.38	−28 59.4	2.220	3.006	13.9	20.8
5 1	16 54.95	−28 45.1	2.135	3.014	11.2	20.6
5 11	16 48.28	−28 21.8	2.072	3.021	7.9	20.4
5 21	16 39.95	−27 49.2	2.034	3.028	4.4	20.2
5 31	16 30.83	−27 7.8	2.024	3.035	1.7	20.1
6 10	16 21.89	−26 20.2	2.042	3.042	4.0	20.2
6 20	16 14.02	−25 30.0	2.087	3.048	7.5	20.5
6 30	16 7.94	−24 41.3	2.157	3.054	10.7	20.7

328139 2008 BG_{36} 5 30.7 147°.45 1°.3/30.3 17

4 21	17 1.35	−19 43.1	1.844	2.650	15.6	21.9
5 1	16 56.84	−19 26.0	1.764	2.657	12.4	21.7
5 11	16 49.77	−19 6.0	1.705	2.663	8.6	21.5
5 21	16 40.78	−18 43.8	1.670	2.669	4.4	21.2
5 31	16 30.81	−18 21.1	1.662	2.675	1.4	21.0
6 10	16 20.98	−18 0.1	1.682	2.680	5.0	21.3
6 20	16 12.33	−17 43.3	1.727	2.685	9.1	21.5
6 30	16 5.70	−17 33.1	1.797	2.689	12.7	21.8

490729 2010 RB_{149} 5 30.7 274°.55 4°.1/ 1.3 18

4 21	16 58.56	−34 2.0	2.416	3.187	13.3	21.7
5 1	16 54.52	−34 27.8	2.316	3.178	11.0	21.5
5 11	16 48.17	−34 44.9	2.238	3.170	8.4	21.3
5 21	16 40.01	−34 50.6	2.183	3.161	5.7	21.2
5 31	16 30.83	−34 43.4	2.156	3.152	4.1	21.0
6 10	16 21.61	−34 23.7	2.155	3.143	5.1	21.1
6 20	16 13.30	−33 53.8	2.182	3.135	7.7	21.2
6 30	16 6.73	−33 17.7	2.233	3.126	10.6	21.4

338736 2003 UX_{128} 5 30.7 193°.47 0°.8/31.0 17

4 21	16 59.37	−24 41.4	2.305	3.097	13.3	21.7
5 1	16 54.93	−24 44.0	2.212	3.095	10.6	21.5
5 11	16 48.31	−24 41.9	2.140	3.094	7.4	21.3
5 21	16 40.02	−24 34.3	2.094	3.092	3.9	21.1
5 31	16 30.83	−24 21.4	2.076	3.089	0.8	20.9
6 10	16 21.67	−24 4.5	2.086	3.086	3.9	21.1
6 20	16 13.42	−23 45.6	2.123	3.083	7.5	21.3
6 30	16 6.82	−23 27.7	2.186	3.080	10.7	21.5

67717 2000 UA_{8} 5 30.7 121°.75 0°.1/30.7 18

4 21	17 3.63	−22 27.4	1.735	2.539	16.5	19.9
5 1	16 58.77	−22 20.5	1.663	2.554	13.1	19.7
5 11	16 51.15	−22 8.9	1.610	2.568	9.1	19.5
5 21	16 41.48	−21 52.5	1.582	2.581	4.6	19.3
5 31	16 30.81	−21 32.0	1.580	2.594	0.2	18.9
6 10	16 20.38	−21 9.9	1.606	2.607	4.8	19.3
6 20	16 11.33	−20 49.0	1.658	2.618	9.1	19.6
6 30	16 4.50	−20 32.4	1.733	2.630	12.9	19.9

54656 2000 SX_{362} 5 30.7 307°.61 6°.6/25.9 18

4 21	16 49.56	+12 20.2	4.356	5.067	8.7	18.0
5 1	16 46.07	+12 50.1	4.279	5.062	7.8	17.9
5 11	16 41.61	+13 10.4	4.223	5.057	7.1	17.9
5 21	16 36.46	+13 19.1	4.191	5.052	6.6	17.8
5 31	16 30.97	+13 14.6	4.184	5.047	6.6	17.8
6 10	16 25.51	+12 56.2	4.201	5.042	7.1	17.9
6 20	16 20.44	+12 24.3	4.242	5.037	7.9	17.9
6 30	16 16.09	+11 39.9	4.306	5.032	8.8	18.0

501683 2014 TY_{53} 5 30.7 226°.30 3°.6/29.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	17 0.10	−15 38.2	1.719	2.532	16.3	21.9
5 1	16 56.14	−14 55.1	1.629	2.525	13.0	21.6
5 11	16 49.51	−14 10.1	1.560	2.518	9.3	21.4
5 21	16 40.75	−13 26.0	1.515	2.510	5.4	21.1
5 31	16 30.83	−12 46.2	1.496	2.502	3.7	21.0
6 10	16 20.92	−12 14.5	1.503	2.493	6.6	21.2
6 20	16 12.13	−11 53.9	1.535	2.484	10.7	21.4
6 30	16 5.41	−11 46.2	1.590	2.474	14.5	21.6

46156 2001 FR_{72} 5 30.7 305°.59 3°.6/29.5 18

4 21	16 55.45	−14 44.1	1.802	2.622	15.4	18.9
5 1	16 52.42	−14 11.9	1.706	2.606	12.3	18.7
5 11	16 46.93	−13 39.3	1.631	2.590	8.8	18.4
5 21	16 39.47	−13 8.8	1.579	2.574	5.2	18.2
5 31	16 30.87	−12 43.5	1.553	2.559	3.6	18.0
6 10	16 22.18	−12 26.3	1.553	2.544	6.4	18.2
6 20	16 14.45	−12 19.3	1.578	2.529	10.3	18.4
6 30	16 8.57	−12 24.0	1.626	2.515	14.0	18.6

286153 2001 TA_{236} 5 30.7 184°.66 7°.2/27.4 18

4 21	16 57.84	− 5 14.4	2.028	2.825	14.7	21.2
5 1	16 53.71	− 3 58.6	1.949	2.826	12.2	21.0
5 11	16 47.44	− 2 47.6	1.892	2.825	9.6	20.9
5 21	16 39.57	− 1 46.4	1.860	2.825	7.6	20.7
5 31	16 30.87	− 0 59.9	1.854	2.824	7.4	20.7
6 10	16 22.27	− 0 31.7	1.873	2.823	9.0	20.8
6 20	16 14.62	− 0 23.0	1.917	2.821	11.5	21.0
6 30	16 8.62	− 0 33.4	1.983	2.819	14.1	21.1

43055 1999 VR_{81} 5 30.7 203°.45 6°.1/ 1.1 18

4 21	17 4.66	−35 32.1	2.033	2.800	15.6	19.3
5 1	17 0.03	−36 41.3	1.943	2.799	13.1	19.1
5 11	16 52.41	−37 42.2	1.875	2.798	10.3	19.0
5 21	16 42.34	−38 29.6	1.829	2.796	7.6	18.8
5 31	16 30.78	−38 59.2	1.810	2.795	6.1	18.7
6 10	16 19.09	−39 9.4	1.817	2.793	7.1	18.7
6 20	16 8.56	−39 2.3	1.850	2.791	9.7	18.9
6 30	16 0.33	−38 42.4	1.906	2.789	12.5	19.1

249768 2000 VO_{29} 5 30.7 201°.83 2°.6/29.6 17

4 21	17 1.54	−17 58.9	1.959	2.761	15.0	21.0
5 1	16 56.90	−17 12.7	1.866	2.757	11.9	20.8
5 11	16 49.81	−16 22.5	1.795	2.752	8.4	20.5
5 21	16 40.84	−15 30.4	1.750	2.746	4.6	20.3
5 31	16 30.86	−14 39.6	1.731	2.740	2.7	20.2
6 10	16 20.94	−13 53.9	1.741	2.733	5.7	20.3
6 20	16 12.07	−13 16.5	1.777	2.725	9.5	20.6
6 30	16 5.10	−12 50.2	1.838	2.717	13.1	20.8

100526 1997 CK_{9} 5 30.7 222°.67 4°.2/29.5 18

4 21	16 59.71	−13 3.6	1.731	2.544	16.2	20.1
5 1	16 55.78	−12 33.0	1.645	2.539	13.0	19.9
5 11	16 49.22	−12 4.0	1.579	2.535	9.4	19.6
5 21	16 40.61	−11 39.2	1.537	2.530	5.7	19.4
5 31	16 30.87	−11 21.7	1.521	2.524	4.2	19.3
6 10	16 21.13	−11 14.1	1.531	2.519	6.8	19.4
6 20	16 12.50	−11 17.8	1.566	2.513	10.7	19.6
6 30	16 5.89	−11 33.5	1.624	2.507	14.3	19.9

130267 2000 DK_{53} 5 30.7 173°.46 4°.3/28.6 18

4 21	16 57.30	− 8 46.5	2.787	3.572	11.4	21.1
5 1	16 52.65	− 8 5.0	2.701	3.575	9.2	20.9
5 11	16 46.40	− 7 26.3	2.639	3.578	6.9	20.8
5 21	16 38.96	− 6 52.9	2.603	3.581	4.9	20.7
5 31	16 30.94	− 6 27.1	2.595	3.582	4.3	20.6
6 10	16 22.98	− 6 10.9	2.616	3.583	5.8	20.7
6 20	16 15.73	− 6 5.1	2.664	3.584	8.0	20.9
6 30	16 9.70	− 6 10.1	2.738	3.584	10.3	21.0

182933 2002 GZ_{31} 5 30.7 340°.87 0°.0/30.6 08 C

4 21	16 34.34	−21 10.3	38.739	39.525	0.9	22.5
5 1	16 33.65	−21 8.8	38.638	39.522	0.7	22.4
5 11	16 32.87	−21 7.1	38.563	39.518	0.5	22.4
5 21	16 32.02	−21 5.3	38.516	39.515	0.2	22.4
5 31	16 31.15	−21 3.4	38.498	39.512	0.0	22.3
6 10	16 30.27	−21 1.6	38.509	39.508	0.3	22.4
6 20	16 29.43	−20 59.9	38.548	39.505	0.5	22.4
6 30	16 28.65	−20 58.3	38.615	39.502	0.7	22.4

464550 2016 CV_{38} 5 30.7 358°.96 6°.5/ 1.6 17

4 21	16 54.99	−33 43.0	1.068	1.906	22.4	20.3
5 1	16 54.27	−34 20.0	0.999	1.902	18.6	20.0
5 11	16 49.42	−34 40.7	0.945	1.900	14.2	19.8
5 21	16 41.11	−34 39.7	0.911	1.899	9.5	19.5
5 31	16 30.86	−34 13.4	0.896	1.899	6.5	19.4
6 10	16 20.75	−33 24.1	0.903	1.901	8.2	19.4
6 20	16 12.69	−32 19.1	0.930	1.903	12.7	19.7
6 30	16 8.05	−31 8.7	0.977	1.907	17.3	20.0

162649 2000 SF_{220} 5 30.7 267°.45 4°.6/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 59.98	−12 28.3	1.577	2.396	17.2	20.1
5 1	16 56.46	−12 2.8	1.483	2.381	14.0	19.8
5 11	16 50.01	−11 39.8	1.408	2.365	10.2	19.6
5 21	16 41.17	−11 22.3	1.357	2.349	6.3	19.3
5 31	16 30.87	−11 13.3	1.330	2.333	4.6	19.2
6 10	16 20.40	−11 15.5	1.328	2.317	7.5	19.3
6 20	16 11.02	−11 30.3	1.351	2.301	11.7	19.5
6 30	16 3.84	−11 58.0	1.395	2.284	15.9	19.7

87954 Tomkaye 5 30.7 255°.39 3°.0/ 1.1 18

4 21	17 1.31	−32 0.7	2.058	2.840	15.0	19.4
5 1	16 57.06	−31 52.3	1.951	2.824	12.3	19.1
5 11	16 50.15	−31 32.1	1.865	2.808	9.1	18.9
5 21	16 41.11	−30 58.4	1.803	2.791	5.6	18.7
5 31	16 30.87	−30 10.5	1.767	2.774	3.0	18.5
6 10	16 20.61	−29 10.8	1.759	2.757	4.9	18.5
6 20	16 11.45	−28 3.8	1.779	2.740	8.6	18.7
6 30	16 4.32	−26 55.4	1.823	2.722	12.2	18.9

323384 2003 YX_{59} 5 30.7 120°.82 0°.1/30.8 17

4 21	17 3.02	−22 20.5	1.757	2.561	16.3	21.4
5 1	16 58.34	−22 24.7	1.682	2.573	13.0	21.2
5 11	16 50.92	−22 25.2	1.627	2.585	9.0	21.0
5 21	16 41.42	−22 21.2	1.597	2.596	4.6	20.8
5 31	16 30.87	−22 13.1	1.593	2.607	0.2	20.4
6 10	16 20.51	−22 2.3	1.616	2.617	4.7	20.8
6 20	16 11.46	−21 51.3	1.666	2.627	9.0	21.1
6 30	16 4.61	−21 42.9	1.739	2.637	12.8	21.4

94972 2001 YY_{109} 5 30.7 243°.80 3°.8/31.9 17

4 21	17 5.21	−31 38.7	1.832	2.615	16.5	19.3
5 1	17 0.69	−31 53.9	1.725	2.598	13.6	19.0
5 11	16 53.03	−31 58.9	1.638	2.580	10.1	18.8
5 21	16 42.73	−31 50.3	1.574	2.561	6.4	18.5
5 31	16 30.83	−31 25.8	1.536	2.541	3.8	18.3
6 10	16 18.73	−30 46.3	1.525	2.521	5.8	18.4
6 20	16 7.83	−29 55.8	1.540	2.499	9.8	18.6
6 30	15 59.33	−29 0.6	1.579	2.477	13.8	18.8

77735 2001 OJ_{76} 5 30.7 288°.28 3°.8/29.2 18

4 21	16 53.99	− 9 35.1	2.689	3.484	11.5	18.9
5 1	16 50.26	− 9 17.5	2.594	3.476	9.3	18.7
5 11	16 44.89	− 9 3.4	2.522	3.468	6.8	18.5
5 21	16 38.27	− 8 54.7	2.475	3.460	4.6	18.4
5 31	16 30.97	− 8 53.1	2.457	3.452	3.8	18.3
6 10	16 23.66	− 8 59.8	2.466	3.444	5.3	18.4
6 20	16 16.99	− 9 15.2	2.502	3.436	7.8	18.5
6 30	16 11.52	− 9 39.4	2.563	3.428	10.3	18.7

238456 2004 RK 5 30.7 147°.16 20°.0/25.3 17

4 21	17 20.11	+ 5 26.7	0.909	1.709	28.3	21.5
5 1	17 13.26	+ 8 49.3	0.873	1.730	24.9	21.3
5 11	17 1.85	+11 49.6	0.851	1.749	21.9	21.2
5 21	16 47.03	+14 8.3	0.848	1.765	20.1	21.2
5 31	16 30.72	+15 29.2	0.863	1.779	20.3	21.2
6 10	16 15.24	+15 47.1	0.897	1.789	22.0	21.4
6 20	16 2.49	+15 7.8	0.946	1.797	24.6	21.6
6 30	15 53.65	+13 43.4	1.009	1.803	27.3	21.8

60302 1999 XM_{180} 5 30.7 200°.76 2°.7/31.3 18

4 21	17 6.44	−26 32.4	1.654	2.452	17.5	19.5
5 1	17 1.75	−27 11.1	1.565	2.449	14.1	19.2
5 11	16 53.78	−27 45.2	1.495	2.446	10.2	19.0
5 21	16 43.11	−28 11.4	1.448	2.442	5.8	18.7
5 31	16 30.83	−28 26.8	1.427	2.437	2.7	18.5
6 10	16 18.44	−28 31.0	1.433	2.432	5.6	18.7
6 20	16 7.39	−28 26.1	1.465	2.426	10.1	18.9
6 30	15 58.88	−28 16.5	1.520	2.419	14.2	19.1

438077 2004 RE_{248} 5 30.7 273°.07 3°.4/ 1.5 18

4 21	16 59.05	−34 33.9	2.650	3.412	12.5	21.5
5 1	16 54.71	−34 29.8	2.532	3.390	10.3	21.3
5 11	16 48.22	−34 15.0	2.436	3.367	7.8	21.1
5 21	16 40.05	−33 47.9	2.364	3.344	5.2	20.9
5 31	16 30.93	−33 7.8	2.320	3.321	3.4	20.8
6 10	16 21.76	−32 16.1	2.305	3.297	4.5	20.8
6 20	16 13.43	−31 15.9	2.318	3.273	7.2	20.9
6 30	16 6.68	−30 11.6	2.356	3.249	10.1	21.1

76006 2000 DX_{21} 5 30.7 8°.44 0°.1/30.7 17

4 21	16 54.69	−22 56.6	1.217	2.062	19.8	19.0
5 1	16 52.95	−22 46.8	1.148	2.063	15.8	18.7
5 11	16 47.85	−22 30.1	1.097	2.065	11.0	18.5
5 21	16 40.09	−22 7.1	1.067	2.069	5.6	18.2
5 31	16 30.92	−21 39.3	1.059	2.073	0.2	17.8
6 10	16 21.94	−21 10.4	1.075	2.078	5.9	18.2
6 20	16 14.56	−20 44.5	1.113	2.085	11.2	18.5
6 30	16 9.89	−20 25.7	1.171	2.093	15.8	18.8

364110 2006 AR_5 5 30.7 44°.50 10°.4/ 1.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	17 8.51	+ 3 43.0	1.126	1.929	23.7	20.1
5 1	17 3.49	+ 3 16.7	1.075	1.949	20.0	19.9
5 11	16 54.85	+ 2 22.9	1.040	1.969	15.9	19.7
5 21	16 43.47	+ 0 57.6	1.025	1.990	12.2	19.6
5 31	16 30.83	− 0 58.7	1.032	2.012	10.4	19.5
6 10	16 18.69	− 3 19.6	1.064	2.034	11.6	19.7
6 20	16 8.53	− 5 55.1	1.119	2.057	14.8	19.9
6 30	16 1.42	− 8 35.6	1.196	2.080	18.3	20.2

171113 2005 EY_{305} 5 30.7 201°.25 4°.3/28.9 18

4 21	16 57.26	−10 16.2	2.428	3.222	12.6	21.3
5 1	16 52.98	− 9 37.5	2.337	3.219	10.2	21.1
5 11	16 46.83	− 9 1.1	2.269	3.215	7.5	21.0
5 21	16 39.28	− 8 29.5	2.227	3.211	5.1	20.8
5 31	16 30.98	− 8 5.5	2.212	3.206	4.3	20.7
6 10	16 22.71	− 7 51.1	2.225	3.201	6.1	20.8
6 20	16 15.21	− 7 47.6	2.265	3.195	8.8	21.0
6 30	16 9.11	− 7 55.3	2.330	3.189	11.4	21.2

276479 2003 MQ_{12} 5 30.7 326°.65 0°.5/30.5 17

4 21	16 55.47	−24 54.3	1.573	2.397	17.0	19.9
5 1	16 52.92	−24 7.4	1.482	2.385	13.6	19.6
5 11	16 47.52	−23 9.0	1.410	2.373	9.5	19.4
5 21	16 39.86	−22 0.3	1.361	2.362	4.8	19.0
5 31	16 30.96	−20 44.7	1.338	2.351	0.5	18.7
6 10	16 22.11	−19 27.5	1.340	2.342	5.4	19.0
6 20	16 14.52	−18 15.2	1.367	2.332	10.2	19.3
6 30	16 9.16	−17 13.4	1.416	2.324	14.5	19.5

136914 1998 HA_{103} 5 30.7 78°.03 1°.9/29.8 18

4 21	16 58.33	−18 26.2	2.284	3.083	13.2	19.1
5 1	16 53.70	−17 47.5	2.222	3.111	10.3	19.0
5 11	16 47.17	−17 6.7	2.182	3.138	7.1	18.8
5 21	16 39.35	−16 25.4	2.167	3.165	3.8	18.6
5 31	16 30.98	−15 46.1	2.182	3.191	1.9	18.5
6 10	16 22.91	−15 11.3	2.224	3.218	4.5	18.8
6 20	16 15.83	−14 43.2	2.294	3.244	7.6	19.0
6 30	16 10.33	−14 23.3	2.389	3.269	10.4	19.2

364167 2006 JQ_3 5 30.7 318°.03 3°.5/30.7 17

4 21	16 59.28	−22 58.7	1.201	2.040	20.4	20.5
5 1	16 57.64	−24 18.6	1.102	2.012	16.7	20.1
5 11	16 52.09	−25 45.1	1.021	1.985	12.2	19.8
5 21	16 42.85	−27 13.8	0.960	1.959	7.0	19.4
5 31	16 30.87	−28 38.4	0.922	1.933	3.5	19.1
6 10	16 17.95	−29 52.8	0.908	1.908	7.5	19.2
6 20	16 6.16	−30 53.6	0.915	1.885	13.3	19.5
6 30	15 57.49	−31 42.3	0.942	1.862	18.8	19.7

70153 1999 NO_{34} 5 30.7 258°.25 4°.3/29.5 18

4 21	17 0.74	−12 42.4	1.787	2.595	15.9	20.1
5 1	16 56.75	−12 14.2	1.684	2.576	12.9	19.8
5 11	16 50.08	−11 47.6	1.602	2.556	9.4	19.6
5 21	16 41.19	−11 25.1	1.543	2.535	5.8	19.3
5 31	16 30.94	−11 9.7	1.511	2.514	4.3	19.2
6 10	16 20.48	−11 4.1	1.505	2.492	7.0	19.3
6 20	16 10.96	−11 9.9	1.524	2.470	11.0	19.5
6 30	16 3.41	−11 28.1	1.566	2.447	14.9	19.6

359659 2011 SP_{54} 5 30.7 22°.13 1°.3/30.9 16

4 21	17 0.49	−22 57.2	1.186	2.023	20.7	20.6
5 1	16 57.82	−23 27.4	1.117	2.026	16.6	20.4
5 11	16 51.44	−23 54.5	1.065	2.030	11.6	20.1
5 21	16 42.03	−24 16.4	1.034	2.034	6.1	19.8
5 31	16 30.93	−24 31.1	1.025	2.039	1.3	19.5
6 10	16 19.92	−24 39.0	1.040	2.044	6.1	19.8
6 20	16 10.67	−24 42.5	1.078	2.049	11.6	20.1
6 30	16 4.45	−24 45.5	1.136	2.056	16.3	20.4

342961 2009 BB_1 5 30.7 188°.38 1°.7/30.1 17

4 21	16 58.29	−17 18.8	2.286	3.085	13.2	21.7
5 1	16 54.00	−17 8.3	2.196	3.085	10.5	21.5
5 11	16 47.65	−16 57.3	2.128	3.084	7.3	21.3
5 21	16 39.74	−16 46.4	2.085	3.083	3.9	21.1
5 31	16 31.00	−16 37.0	2.070	3.081	1.7	20.9
6 10	16 22.28	−16 30.5	2.084	3.080	4.5	21.1
6 20	16 14.43	−16 28.3	2.125	3.078	7.9	21.3
6 30	16 8.12	−16 31.6	2.190	3.075	11.0	21.5

475707 2006 VG_{142} 5 30.7 264°.29 1°.1/30.2 16

4 21	16 58.10	−20 4.7	2.676	3.466	11.7	24.9
5 1	16 53.74	−19 39.9	2.554	3.438	9.4	24.6
5 11	16 47.47	−19 11.4	2.455	3.410	6.5	24.4
5 21	16 39.69	−18 39.9	2.383	3.381	3.4	24.2
5 31	16 31.00	−18 6.8	2.339	3.352	1.2	23.9
6 10	16 22.18	−17 34.2	2.325	3.322	4.0	24.1
6 20	16 13.98	−17 4.3	2.339	3.291	7.4	24.3
6 30	16 7.10	−16 39.5	2.379	3.259	10.5	24.4

136541 3012 $P–L$ 5 30.7 242°.02 3°.1/ 1.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 59.26	−32 33.9	2.425	3.198	13.2	19.7
5 1	16 54.98	−32 38.8	2.322	3.189	10.8	19.5
5 11	16 48.46	−32 34.3	2.241	3.179	8.1	19.3
5 21	16 40.20	−32 18.7	2.185	3.170	5.1	19.1
5 31	16 30.99	−31 51.2	2.156	3.160	3.2	19.0
6 10	16 21.80	−31 13.3	2.155	3.150	4.5	19.1
6 20	16 13.52	−30 27.8	2.182	3.139	7.5	19.2
6 30	16 6.95	−29 39.1	2.234	3.129	10.5	19.4

501920 2014 WJ_{481} 5 30.7 96°.55 9°.3/27.2 17

4 21	16 57.07	− 1 26.5	1.748	2.550	16.5	21.0
5 1	16 53.44	− 0 6.8	1.680	2.553	13.9	20.9
5 11	16 47.45	+ 1 3.7	1.632	2.556	11.4	20.7
5 21	16 39.68	+ 1 58.7	1.606	2.559	9.6	20.6
5 31	16 31.01	+ 2 32.7	1.604	2.562	9.4	20.6
6 10	16 22.49	+ 2 42.4	1.627	2.565	10.9	20.7
6 20	16 15.04	+ 2 27.7	1.672	2.568	13.3	20.8
6 30	16 9.45	+ 1 50.7	1.738	2.571	15.8	21.0

505265 2012 VW 5 30.7 183°.16 4°.2/28.6 18

4 21	16 57.17	−11 38.9	2.381	3.178	12.8	22.2
5 1	16 52.91	−10 44.6	2.295	3.179	10.3	22.1
5 11	16 46.77	− 9 51.1	2.231	3.179	7.5	21.9
5 21	16 39.26	− 9 1.3	2.193	3.178	5.0	21.7
5 31	16 31.03	− 8 18.4	2.183	3.178	4.3	21.7
6 10	16 22.89	− 7 45.2	2.201	3.176	6.1	21.8
6 20	16 15.56	− 7 23.7	2.246	3.175	8.9	22.0
6 30	16 9.66	− 7 14.7	2.315	3.173	11.6	22.1

467610 2008 AU_{73} 5 30.7 99°.71 0°.4/30.6 17

4 21	17 2.65	−22 48.3	1.683	2.491	16.8	22.1
5 1	16 58.03	−22 28.6	1.614	2.508	13.3	21.9
5 11	16 50.67	−22 3.0	1.567	2.525	9.2	21.7
5 21	16 41.29	−21 32.2	1.542	2.542	4.6	21.5
5 31	16 30.98	−20 57.8	1.545	2.558	0.4	21.2
6 10	16 20.99	−20 22.8	1.574	2.575	4.9	21.6
6 20	16 12.42	−19 50.9	1.629	2.590	9.2	21.8
6 30	16 6.09	−19 25.5	1.708	2.605	13.0	22.1

98840 2001 AA_{22} 5 30.7 13°.99 1°.5/30.4 18

4 21	16 59.52	−16 58.3	1.773	2.586	15.9	19.0
5 1	16 55.65	−17 11.9	1.690	2.587	12.6	18.8
5 11	16 49.17	−17 27.2	1.628	2.588	8.8	18.5
5 21	16 40.65	−17 44.2	1.590	2.589	4.6	18.3
5 31	16 31.00	−18 3.1	1.577	2.590	1.5	18.1
6 10	16 21.36	−18 24.1	1.592	2.591	5.1	18.3
6 20	16 12.82	−18 47.7	1.632	2.593	9.3	18.5
6 30	16 6.29	−19 14.8	1.696	2.595	13.0	18.8

457532 2008 WT_{77} 5 30.7 89°.76 1°.8/30.4 17

4 21	17 2.28	−18 1.2	1.387	2.212	18.9	21.8
5 1	16 58.45	−17 59.9	1.316	2.219	15.0	21.6
5 11	16 51.41	−17 58.5	1.264	2.227	10.5	21.3
5 21	16 41.85	−17 57.4	1.234	2.234	5.4	21.0
5 31	16 30.97	−17 57.5	1.229	2.242	1.8	20.8
6 10	16 20.25	−18 0.3	1.249	2.249	6.0	21.1
6 20	16 11.07	−18 7.7	1.293	2.256	10.9	21.4
6 30	16 4.47	−18 21.3	1.359	2.263	15.2	21.7

127932 2003 HB_1 5 30.7 331°.87 2°.6/29.9 17

4 21	16 48.17	−19 48.5	1.180	2.041	19.3	18.4
5 1	16 48.24	−19 13.9	1.081	2.006	15.6	18.0
5 11	16 45.06	−18 31.5	1.000	1.973	11.1	17.7
5 21	16 39.00	−17 43.2	0.938	1.941	5.9	17.3
5 31	16 31.04	−16 53.0	0.898	1.910	2.7	17.0
6 10	16 22.68	−16 6.8	0.880	1.882	7.4	17.1
6 20	16 15.52	−15 30.3	0.882	1.855	13.2	17.3
6 30	16 11.00	−15 8.9	0.903	1.830	18.7	17.5

29743 1999 BM_{15} 5 30.7 127°.27 7°.7/27.9 17

4 21	16 59.02	− 3 5.6	1.970	2.763	15.2	19.2
5 1	16 54.62	− 2 2.2	1.903	2.774	12.7	19.1
5 11	16 48.06	− 1 6.8	1.858	2.785	10.1	18.9
5 21	16 39.93	− 0 24.2	1.835	2.795	8.1	18.8
5 31	16 31.04	+ 0 1.5	1.839	2.805	7.8	18.8
6 10	16 22.33	+ 0 7.9	1.868	2.815	9.2	18.9
6 20	16 14.66	− 0 5.1	1.922	2.824	11.5	19.1
6 30	16 8.70	− 0 35.9	1.998	2.833	14.0	19.3

185387 2006 WK_{24} 5 30.7 64°.06 2°.0/29.9 17

4 21	16 56.12	−16 55.0	2.194	3.001	13.4	20.9
5 1	16 52.27	−16 35.4	2.118	3.011	10.6	20.7
5 11	16 46.41	−16 15.1	2.064	3.022	7.4	20.5
5 21	16 39.10	−15 55.6	2.035	3.032	4.0	20.3
5 31	16 31.06	−15 38.5	2.033	3.043	2.1	20.2
6 10	16 23.17	−15 25.6	2.059	3.054	4.6	20.4
6 20	16 16.19	−15 18.4	2.111	3.065	7.9	20.6
6 30	16 10.78	−15 18.1	2.188	3.075	11.0	20.8

343436 2010 DJ_{49} 5 30.7 54°.18 5°.3/28.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 56.04	−10 41.1	1.892	2.706	15.0	20.2
5 1	16 52.49	− 9 42.9	1.818	2.710	12.1	20.0
5 11	16 46.73	− 8 47.0	1.764	2.715	8.9	19.8
5 21	16 39.31	− 7 57.1	1.735	2.719	6.2	19.6
5 31	16 31.07	− 7 17.3	1.731	2.724	5.4	19.6
6 10	16 22.97	− 6 51.0	1.754	2.729	7.4	19.7
6 20	16 15.88	− 6 39.7	1.802	2.734	10.4	19.9
6 30	16 10.54	− 6 43.8	1.872	2.740	13.4	20.1

481165 2005 UZ_{211} 5 30.7 226°.11 0°.5/30.5 18

4 21	16 56.34	−21 3.0	2.825	3.615	11.2	22.4
5 1	16 52.15	−20 53.2	2.722	3.607	8.8	22.3
5 11	16 46.23	−20 40.6	2.643	3.597	6.1	22.1
5 21	16 39.01	−20 25.7	2.589	3.588	3.1	21.9
5 31	16 31.08	−20 9.1	2.565	3.578	0.5	21.6
6 10	16 23.14	−19 52.3	2.569	3.568	3.4	21.8
6 20	16 15.85	−19 36.7	2.602	3.558	6.5	22.0
6 30	16 9.82	−19 24.2	2.661	3.547	9.3	22.2

205610 2001 UP_{156} 5 30.8 147°.60 2°.7/29.9 18

4 21	17 2.29	−17 43.7	1.632	2.445	17.0	21.0
5 1	16 57.91	−17 8.8	1.556	2.452	13.5	20.8
5 11	16 50.73	−16 31.3	1.499	2.458	9.4	20.6
5 21	16 41.43	−15 53.3	1.467	2.464	5.1	20.3
5 31	16 31.04	−15 17.6	1.460	2.470	2.7	20.2
6 10	16 20.84	−14 47.7	1.480	2.475	6.1	20.4
6 20	16 11.96	−14 26.5	1.525	2.479	10.3	20.6
6 30	16 5.32	−14 16.2	1.593	2.483	14.2	20.9

259455 2003 SU_{82} 5 30.8 226°.03 1°.3/31.2 17

4 21	17 3.56	−25 39.0	1.973	2.765	15.2	22.2
5 1	16 58.89	−25 45.4	1.871	2.754	12.3	22.0
5 11	16 51.50	−25 46.0	1.789	2.742	8.7	21.7
5 21	16 41.91	−25 39.3	1.733	2.729	4.7	21.5
5 31	16 31.03	−25 24.7	1.703	2.716	1.3	21.2
6 10	16 20.03	−25 3.4	1.701	2.701	4.6	21.4
6 20	16 10.08	−24 38.3	1.726	2.687	8.8	21.6
6 30	16 2.17	−24 13.3	1.775	2.671	12.7	21.8

474876 2005 SC_{148} 5 30.8 256°.46 0°.0/30.8 18

4 21	16 57.07	−22 27.0	2.587	3.379	12.0	22.2
5 1	16 52.99	−22 24.1	2.479	3.364	9.6	22.0
5 11	16 46.99	−22 17.9	2.393	3.348	6.7	21.8
5 21	16 39.48	−22 8.3	2.334	3.332	3.4	21.6
5 31	16 31.11	−21 55.8	2.302	3.316	0.1	21.2
6 10	16 22.66	−21 41.4	2.300	3.300	3.6	21.5
6 20	16 14.91	−21 27.0	2.325	3.283	7.0	21.7
6 30	16 8.55	−21 14.6	2.376	3.267	10.1	21.9

133676 2003 UG_{197} 5 30.8 256°.31 0°.7/30.5 18

4 21	16 58.42	−20 25.6	2.052	2.856	14.3	20.1
5 1	16 54.53	−20 21.7	1.956	2.848	11.4	19.9
5 11	16 48.30	−20 15.3	1.881	2.839	7.9	19.7
5 21	16 40.23	−20 6.7	1.831	2.831	4.0	19.4
5 31	16 31.10	−19 56.5	1.808	2.822	0.7	19.2
6 10	16 21.94	−19 46.3	1.813	2.813	4.5	19.4
6 20	16 13.69	−19 37.9	1.844	2.804	8.4	19.6
6 30	16 7.21	−19 33.5	1.899	2.795	12.0	19.8

389050 2008 VL_{46} 5 30.8 264°.04 0°.7/30.5 18

4 21	16 59.95	−22 4.1	2.257	3.052	13.5	21.7
5 1	16 55.67	−21 39.6	2.139	3.026	10.8	21.4
5 11	16 49.09	−21 9.7	2.044	2.999	7.6	21.2
5 21	16 40.66	−20 34.5	1.973	2.972	3.9	20.9
5 31	16 31.10	−19 55.5	1.930	2.944	0.7	20.6
6 10	16 21.37	−19 15.1	1.916	2.915	4.4	20.8
6 20	16 12.42	−18 36.5	1.930	2.886	8.4	21.0
6 30	16 5.10	−18 3.0	1.969	2.856	12.0	21.2

347855 2002 RW_{30} 5 30.8 277°.31 4°.0/ 1.2 18

4 21	17 1.26	−33 9.6	2.230	3.004	14.2	20.9
5 1	16 57.12	−33 29.3	2.111	2.976	11.8	20.7
5 11	16 50.34	−33 39.9	2.013	2.949	9.0	20.5
5 21	16 41.39	−33 38.5	1.939	2.921	5.9	20.2
5 31	16 31.08	−33 22.9	1.891	2.892	4.0	20.1
6 10	16 20.51	−32 53.4	1.871	2.863	5.4	20.1
6 20	16 10.84	−32 12.7	1.878	2.834	8.6	20.2
6 30	16 3.05	−31 25.5	1.909	2.804	12.0	20.4

229585 2006 BP_{127} 5 30.8 167°.28 1°.2/30.3 17

4 21	16 59.96	−19 28.7	2.326	3.120	13.1	21.7
5 1	16 55.27	−19 12.8	2.238	3.125	10.4	21.5
5 11	16 48.51	−18 54.6	2.173	3.128	7.2	21.3
5 21	16 40.21	−18 34.6	2.134	3.132	3.7	21.1
5 31	16 31.12	−18 14.3	2.122	3.135	1.2	20.9
6 10	16 22.11	−17 55.2	2.139	3.137	4.2	21.1
6 20	16 14.00	−17 39.5	2.184	3.139	7.7	21.3
6 30	16 7.48	−17 28.9	2.255	3.140	10.8	21.5

37621 1993 QT_4 5 30.8 246°.20 5°.1/ 1.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	17 4.97	−33 7.3	1.741	2.525	17.2	20.0
5 1	17 0.81	−33 45.5	1.641	2.512	14.3	19.8
5 11	16 53.34	−34 14.1	1.560	2.498	10.9	19.5
5 21	16 43.05	−34 28.7	1.502	2.483	7.3	19.3
5 31	16 31.04	−34 25.4	1.469	2.468	5.1	19.1
6 10	16 18.79	−34 3.9	1.461	2.453	6.7	19.2
6 20	16 7.84	−33 27.6	1.480	2.437	10.3	19.3
6 30	15 59.45	−32 42.6	1.521	2.420	14.2	19.5

250913 2005 WL_6 5 30.8 189°.59 0°.1/30.8 18

4 21	16 56.45	−23 3.0	2.993	3.778	10.7	22.0
5 1	16 52.10	−22 56.4	2.896	3.777	8.5	21.9
5 11	16 46.14	−22 46.2	2.822	3.775	5.9	21.7
5 21	16 38.96	−22 32.6	2.775	3.773	3.0	21.5
5 31	16 31.15	−22 16.2	2.757	3.771	0.1	21.2
6 10	16 23.37	−21 58.2	2.769	3.769	3.1	21.5
6 20	16 16.26	−21 40.1	2.808	3.766	6.0	21.7
6 30	16 10.35	−21 23.8	2.875	3.762	8.6	21.9

338499 2003 OT_{14} 5 30.8 279°.89 0°.9/30.3 17

4 21	16 58.26	−23 0.9	1.960	2.766	14.8	21.0
5 1	16 54.64	−22 18.7	1.851	2.744	11.9	20.7
5 11	16 48.52	−21 28.1	1.764	2.722	8.3	20.5
5 21	16 40.40	−20 29.9	1.701	2.700	4.2	20.2
5 31	16 31.11	−19 26.7	1.665	2.678	0.9	19.9
6 10	16 21.74	−18 22.5	1.657	2.656	4.9	20.1
6 20	16 13.32	−17 22.0	1.675	2.633	9.2	20.3
6 30	16 6.76	−16 29.7	1.717	2.611	13.2	20.5

47255 1999 VA_{70} 5 30.8 349°.44 1°.0/30.9 18

4 21	16 56.56	−23 4.5	1.236	2.077	19.8	18.8
5 1	16 54.68	−23 25.0	1.159	2.071	15.9	18.6
5 11	16 49.30	−23 41.6	1.100	2.066	11.2	18.3
5 21	16 41.04	−23 52.9	1.061	2.062	5.9	18.0
5 31	16 31.10	−23 58.0	1.045	2.059	1.0	17.6
6 10	16 21.11	−23 57.9	1.052	2.056	5.9	17.9
6 20	16 12.68	−23 55.1	1.082	2.055	11.3	18.2
6 30	16 7.05	−23 53.5	1.132	2.054	16.1	18.5

33920 Trivisonno 5 30.8 341°.24 4°.4/29.3 18

4 21	16 51.75	−17 36.1	1.066	1.928	20.8	17.5
5 1	16 51.09	−16 39.4	0.991	1.916	16.7	17.2
5 11	16 46.92	−15 36.6	0.934	1.905	11.8	16.9
5 21	16 39.86	−14 32.1	0.895	1.896	6.8	16.6
5 31	16 31.13	−13 32.5	0.879	1.888	4.5	16.4
6 10	16 22.40	−12 44.8	0.884	1.881	8.5	16.6
6 20	16 15.25	−12 14.4	0.909	1.875	13.8	16.9
6 30	16 10.93	−12 4.2	0.952	1.871	18.8	17.1

56337 1999 XG_{136} 5 30.8 181°.68 2°.3/30.9 18

4 21	17 14.22	−11 16.6	1.348	2.150	20.5	18.5
5 1	17 8.49	−12 22.2	1.264	2.151	16.6	18.3
5 11	16 58.90	−13 42.2	1.198	2.152	11.9	18.0
5 21	16 45.98	−15 15.2	1.155	2.152	6.4	17.7
5 31	16 30.98	−16 56.8	1.139	2.151	2.3	17.4
6 10	16 15.70	−18 41.2	1.151	2.150	6.6	17.7
6 20	16 1.96	−20 23.3	1.190	2.148	12.1	18.0
6 30	15 51.25	−22 0.6	1.252	2.146	17.0	18.2

370406 2002 TD_{296} 5 30.8 259°.40 3°.2/29.7 17

4 21	17 0.02	−15 40.5	1.860	2.668	15.4	21.7
5 1	16 56.12	−15 9.4	1.755	2.649	12.4	21.5
5 11	16 49.62	−14 36.9	1.672	2.629	8.8	21.2
5 21	16 41.01	−14 5.1	1.613	2.608	5.1	20.9
5 31	16 31.12	−13 36.7	1.580	2.587	3.2	20.8
6 10	16 21.05	−13 14.6	1.574	2.566	6.2	20.9
6 20	16 11.91	−13 1.4	1.594	2.544	10.3	21.1
6 30	16 4.67	−12 59.2	1.637	2.521	14.2	21.3

475688 2006 VD_{93} 5 30.8 152°.72 0°.4/30.7 18

4 21	16 59.64	−19 17.5	2.801	3.585	11.4	22.3
5 1	16 54.68	−19 35.7	2.712	3.592	9.0	22.1
5 11	16 47.96	−19 53.5	2.646	3.599	6.2	22.0
5 21	16 39.91	−20 10.6	2.607	3.605	3.1	21.8
5 31	16 31.15	−20 26.7	2.597	3.610	0.4	21.5
6 10	16 22.42	−20 42.2	2.617	3.616	3.4	21.8
6 20	16 14.41	−20 57.4	2.665	3.621	6.4	22.0
6 30	16 7.71	−21 13.4	2.741	3.625	9.1	22.2

286802 2002 JV_{135} 5 30.8 337°.05 0°.1/30.8 17

4 21	16 53.35	−23 37.4	1.162	2.012	20.2	20.2
5 1	16 52.35	−23 24.8	1.081	1.999	16.3	19.9
5 11	16 47.83	−23 3.6	1.017	1.986	11.4	19.6
5 21	16 40.36	−22 33.9	0.973	1.975	5.9	19.3
5 31	16 31.13	−21 57.4	0.951	1.964	0.1	18.8
6 10	16 21.83	−21 18.0	0.951	1.955	6.2	19.2
6 20	16 14.08	−20 41.3	0.973	1.948	12.0	19.5
6 30	16 9.18	−20 12.5	1.015	1.941	17.2	19.8

356752 2011 UB_{240} 5 30.8 102°.10 0°.8/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 56.02	−21 21.9	2.427	3.225	12.5	21.4
5 1	16 52.08	−20 53.4	2.342	3.231	9.9	21.2
5 11	16 46.25	−20 20.7	2.279	3.236	6.8	21.0
5 21	16 39.05	−19 44.9	2.242	3.242	3.4	20.8
5 31	16 31.17	−19 7.9	2.234	3.247	0.9	20.6
6 10	16 23.42	−18 31.9	2.253	3.252	3.9	20.9
6 20	16 16.51	−17 59.3	2.301	3.257	7.2	21.1
6 30	16 11.06	−17 32.6	2.373	3.262	10.2	21.3

176702 2002 QY_{27} 5 30.8 325°.32 4°.8/29.6 17

4 21	16 55.34	−13 12.7	1.301	2.142	18.9	20.0
5 1	16 53.37	−12 44.0	1.217	2.128	15.3	19.7
5 11	16 48.23	−12 17.6	1.151	2.114	11.1	19.4
5 21	16 40.47	−11 57.1	1.106	2.101	6.8	19.1
5 31	16 31.13	−11 46.2	1.083	2.089	4.9	19.0
6 10	16 21.67	−11 48.2	1.084	2.077	8.1	19.1
6 20	16 13.49	−12 4.7	1.107	2.067	12.7	19.4
6 30	16 7.78	−12 35.9	1.151	2.057	17.2	19.6

7624 Gluck 5 30.8 235°.63 4°.0/ 1.4 18

4 21	16 59.97	−34 18.4	2.517	3.282	13.0	18.2
5 1	16 55.60	−34 45.3	2.417	3.275	10.8	18.1
5 11	16 48.96	−35 3.6	2.338	3.267	8.2	17.9
5 21	16 40.55	−35 10.8	2.284	3.260	5.6	17.7
5 31	16 31.14	−35 5.1	2.256	3.252	4.1	17.6
6 10	16 21.69	−34 47.0	2.257	3.244	5.0	17.6
6 20	16 13.13	−34 18.6	2.284	3.235	7.5	17.8
6 30	16 6.26	−33 43.8	2.337	3.227	10.3	17.9

480431 2015 KD_{126} 5 30.8 315°.98 0°.2/30.7 16

4 21	16 58.04	−19 53.1	1.815	2.628	15.5	20.7
5 1	16 54.69	−20 14.1	1.719	2.616	12.4	20.5
5 11	16 48.70	−20 35.1	1.643	2.603	8.7	20.2
5 21	16 40.57	−20 55.6	1.592	2.592	4.4	20.0
5 31	16 31.14	−21 15.0	1.566	2.580	0.3	19.6
6 10	16 21.56	−21 33.4	1.567	2.569	4.7	19.9
6 20	16 12.96	−21 51.5	1.594	2.558	9.1	20.2
6 30	16 6.32	−22 11.0	1.645	2.548	13.1	20.4

21706 Robminehart 5 30.8 145°.86 0°.0/30.8 18

4 21	16 56.84	−22 35.2	2.749	3.538	11.5	19.5
5 1	16 52.52	−22 27.8	2.661	3.544	9.1	19.4
5 11	16 46.47	−22 17.0	2.596	3.550	6.3	19.2
5 21	16 39.15	−22 2.9	2.558	3.556	3.2	19.0
5 31	16 31.19	−21 46.2	2.548	3.562	0.1	18.7
6 10	16 23.31	−21 28.3	2.567	3.567	3.3	19.0
6 20	16 16.17	−21 10.9	2.614	3.572	6.4	19.2
6 30	16 10.37	−20 55.8	2.687	3.577	9.1	19.4

144790 2004 HT_{43} 5 30.8 307°.65 2°.2/29.7 16

4 21	16 55.21	−19 15.6	2.026	2.838	14.2	19.8
5 1	16 51.96	−18 27.5	1.929	2.827	11.3	19.6
5 11	16 46.49	−17 34.2	1.855	2.815	7.9	19.3
5 21	16 39.30	−16 38.1	1.805	2.804	4.2	19.1
5 31	16 31.18	−15 42.1	1.783	2.793	2.3	18.9
6 10	16 23.08	−14 50.2	1.787	2.782	5.2	19.1
6 20	16 15.90	−14 5.9	1.818	2.772	9.0	19.3
6 30	16 10.40	−13 32.2	1.873	2.761	12.5	19.5

14877 Zauberflote 5 30.8 214°.09 0°.4/30.9 18

4 21	16 59.11	−21 58.3	2.425	3.217	12.7	17.8
5 1	16 54.71	−22 19.4	2.330	3.214	10.1	17.6
5 11	16 48.23	−22 38.8	2.257	3.211	7.1	17.4
5 21	16 40.15	−22 55.7	2.210	3.208	3.6	17.2
5 31	16 31.17	−23 9.7	2.191	3.205	0.4	16.9
6 10	16 22.14	−23 20.8	2.201	3.201	3.7	17.2
6 20	16 13.90	−23 30.1	2.238	3.198	7.2	17.4
6 30	16 7.19	−23 39.1	2.301	3.194	10.3	17.6

425730 2011 BE_{79} 5 30.8 116°.66 2°.2/31.7 17

4 21	17 4.31	−28 57.8	2.080	2.861	14.9	22.8
5 1	16 58.99	−29 2.2	2.006	2.881	11.9	22.6
5 11	16 51.19	−28 58.3	1.954	2.900	8.5	22.5
5 21	16 41.59	−28 44.6	1.926	2.918	4.9	22.3
5 31	16 31.14	−28 21.1	1.926	2.936	2.2	22.1
6 10	16 20.96	−27 49.6	1.954	2.953	4.4	22.3
6 20	16 12.04	−27 13.6	2.010	2.969	7.9	22.5
6 30	16 5.12	−26 37.2	2.091	2.985	11.1	22.8

373515 2001 RM_{90} 5 30.8 304°.65 4°.1/31.4 17

4 21	17 0.03	−28 13.6	1.519	2.333	18.0	20.8
5 1	16 57.41	−29 3.8	1.414	2.307	14.9	20.5
5 11	16 51.37	−29 50.3	1.327	2.281	11.0	20.2
5 21	16 42.28	−30 28.8	1.263	2.255	6.8	19.9
5 31	16 31.11	−30 55.1	1.222	2.229	4.1	19.6
6 10	16 19.38	−31 7.3	1.206	2.204	6.6	19.7
6 20	16 8.76	−31 6.5	1.214	2.178	11.3	19.9
6 30	16 0.74	−30 57.3	1.243	2.154	15.9	20.1

292004 2006 QV_{120} 5 30.8 299°.41 3°.3/31.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 59.30	−30 24.6	1.467	2.281	18.6	20.6
5 1	16 56.62	−30 27.5	1.373	2.266	15.2	20.3
5 11	16 50.56	−30 17.9	1.298	2.252	11.2	20.0
5 21	16 41.68	−29 53.2	1.244	2.238	6.7	19.7
5 31	16 31.13	−29 12.3	1.214	2.224	3.3	19.5
6 10	16 20.49	−28 17.7	1.209	2.210	6.0	19.6
6 20	16 11.29	−27 15.2	1.228	2.197	10.7	19.8
6 30	16 4.76	−26 12.1	1.268	2.183	15.3	20.1

217313 2004 PL_{15} 5 30.8 304°.06 7°.1/27.9 18

4 21	16 54.49	− 2 41.2	2.196	2.991	13.8	20.0
5 1	16 51.13	− 1 56.0	2.104	2.976	11.6	19.8
5 11	16 45.80	− 1 18.3	2.033	2.961	9.3	19.6
5 21	16 38.94	− 0 51.9	1.986	2.947	7.5	19.5
5 31	16 31.21	− 0 40.7	1.964	2.932	7.2	19.4
6 10	16 23.43	− 0 46.7	1.968	2.918	8.6	19.5
6 20	16 16.40	− 1 10.4	1.996	2.904	10.9	19.6
6 30	16 10.82	− 1 50.6	2.047	2.890	13.4	19.7

111217 2001 WU_{39} 5 30.8 196°.01 2°.2/29.9 18

4 21	17 0.19	−16 31.6	2.422	3.213	12.7	20.7
5 1	16 55.40	−16 7.2	2.326	3.210	10.1	20.5
5 11	16 48.61	−15 41.7	2.253	3.206	7.1	20.3
5 21	16 40.31	−15 16.5	2.206	3.202	3.9	20.1
5 31	16 31.19	−14 53.2	2.188	3.197	2.2	20.0
6 10	16 22.09	−14 33.9	2.198	3.191	4.7	20.1
6 20	16 13.80	−14 20.2	2.237	3.184	7.9	20.3
6 30	16 7.01	−14 13.7	2.300	3.176	11.0	20.5

469026 2015 AY_{244} 5 30.8 320°.94 4°.8/29.9 17

4 21	16 58.67	− 9 43.3	1.608	2.426	17.0	20.3
5 1	16 55.30	− 9 40.3	1.521	2.417	13.8	20.0
5 11	16 49.18	− 9 44.7	1.454	2.408	10.2	19.8
5 21	16 40.83	− 9 58.9	1.409	2.399	6.5	19.5
5 31	16 31.17	−10 24.7	1.389	2.391	4.8	19.4
6 10	16 21.41	−11 2.9	1.394	2.383	7.3	19.5
6 20	16 12.73	−11 52.4	1.425	2.376	11.2	19.7
6 30	16 6.15	−12 51.9	1.477	2.369	15.0	20.0

93203 2000 SN_{118} 5 30.8 202°.62 2°.5/29.7 18

4 21	16 59.22	−15 57.7	2.315	3.112	13.1	20.8
5 1	16 54.74	−15 29.3	2.221	3.107	10.5	20.6
5 11	16 48.21	−14 59.9	2.149	3.103	7.4	20.4
5 21	16 40.12	−14 31.2	2.102	3.097	4.2	20.1
5 31	16 31.19	−14 5.2	2.084	3.091	2.6	20.0
6 10	16 22.28	−13 44.1	2.094	3.085	5.0	20.2
6 20	16 14.21	−13 29.7	2.131	3.078	8.3	20.4
6 30	16 7.67	−13 23.6	2.193	3.070	11.4	20.5

287931 2003 UM_{39} 5 30.8 191°.00 1°.4/30.2 18

4 21	16 58.18	−19 15.4	2.258	3.057	13.3	21.0
5 1	16 53.99	−18 51.9	2.167	3.056	10.6	20.8
5 11	16 47.71	−18 25.7	2.098	3.055	7.3	20.6
5 21	16 39.87	−17 57.7	2.055	3.054	3.8	20.3
5 31	16 31.20	−17 29.7	2.040	3.052	1.5	20.2
6 10	16 22.59	−17 3.9	2.053	3.050	4.4	20.4
6 20	16 14.86	−16 42.4	2.093	3.048	7.9	20.6
6 30	16 8.72	−16 27.4	2.158	3.045	11.1	20.8

288086 2003 WT_{2} 5 30.8 171°.87 1°.7/30.2 17

4 21	17 2.06	−18 30.6	1.921	2.723	15.2	21.5
5 1	16 57.41	−18 12.2	1.836	2.727	12.1	21.3
5 11	16 50.27	−17 51.8	1.772	2.729	8.4	21.1
5 21	16 41.22	−17 30.3	1.733	2.731	4.4	20.9
5 31	16 31.17	−17 9.2	1.721	2.733	1.8	20.7
6 10	16 21.21	−16 50.9	1.737	2.734	5.1	20.9
6 20	16 12.35	−16 37.6	1.779	2.734	9.0	21.1
6 30	16 5.42	−16 31.2	1.846	2.734	12.6	21.4

338725 2003 UH_{100} 5 30.8 195°.57 1°.2/30.4 18

4 21	16 59.48	−18 8.3	2.462	3.254	12.5	21.4
5 1	16 54.86	−18 7.0	2.367	3.252	10.0	21.2
5 11	16 48.26	−18 5.1	2.295	3.249	6.9	21.0
5 21	16 40.15	−18 2.8	2.248	3.246	3.6	20.8
5 31	16 31.20	−18 1.0	2.230	3.242	1.2	20.6
6 10	16 22.25	−18 0.6	2.241	3.238	4.0	20.8
6 20	16 14.09	−18 2.6	2.279	3.233	7.4	21.0
6 30	16 7.39	−18 8.5	2.344	3.228	10.4	21.2

383305 2006 GZ_{43} 5 30.8 43°.71 0°.5/30.6 17

4 21	16 58.31	−21 0.8	1.763	2.577	15.9	21.4
5 1	16 54.70	−20 58.3	1.686	2.583	12.6	21.1
5 11	16 48.52	−20 52.8	1.629	2.589	8.7	20.9
5 21	16 40.37	−20 44.4	1.596	2.596	4.4	20.7
5 31	16 31.20	−20 34.1	1.589	2.603	0.5	20.4
6 10	16 22.15	−20 23.4	1.609	2.610	4.7	20.7
6 20	16 14.28	−20 14.6	1.654	2.617	8.9	21.0
6 30	16 8.43	−20 10.0	1.723	2.625	12.7	21.2

125524 2001 WK_{49} 5 30.8 99°.66 5°.7/ 1.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	17 5.69	−34 9.5	1.874	2.649	16.5	19.4
5 1	17 0.95	−35 15.1	1.797	2.659	13.7	19.2
5 11	16 53.11	−36 11.6	1.740	2.669	10.5	19.0
5 21	16 42.82	−36 54.3	1.706	2.679	7.5	18.8
5 31	16 31.14	−37 18.9	1.697	2.688	5.8	18.8
6 10	16 19.49	−37 24.6	1.716	2.698	6.9	18.8
6 20	16 9.20	−37 14.1	1.760	2.707	9.7	19.0
6 30	16 1.35	−36 52.4	1.827	2.716	12.7	19.2

225933 2002 AJ_{171} 5 30.8 195°.88 3°.3/29.8 18

4 21	16 59.29	−13 45.1	1.922	2.729	15.0	20.4
5 1	16 55.22	−13 28.7	1.836	2.728	12.0	20.2
5 11	16 48.77	−13 14.2	1.772	2.727	8.6	20.0
5 21	16 40.48	−13 3.4	1.732	2.726	5.0	19.8
5 31	16 31.20	−12 58.2	1.719	2.725	3.3	19.7
6 10	16 21.95	−13 0.2	1.732	2.723	5.8	19.8
6 20	16 13.69	−13 10.4	1.772	2.721	9.5	20.0
6 30	16 7.26	−13 29.4	1.835	2.719	12.9	20.2

288850 2004 RU_{205} 5 30.8 334°.48 2°.9/ 1.1 18

4 21	16 55.06	−31 11.8	1.862	2.664	15.6	19.7
5 1	16 52.40	−31 4.9	1.765	2.650	12.8	19.5
5 11	16 47.11	−30 46.4	1.688	2.638	9.3	19.3
5 21	16 39.74	−30 14.7	1.634	2.626	5.6	19.0
5 31	16 31.21	−29 30.0	1.606	2.614	2.9	18.8
6 10	16 22.70	−28 34.7	1.603	2.603	4.9	18.9
6 20	16 15.30	−27 33.4	1.626	2.593	8.7	19.1
6 30	16 9.93	−26 31.8	1.673	2.584	12.5	19.3

153914 2001 XV_{248} 5 30.8 150°.19 6°.0/28.3 18

4 21	16 58.63	− 8 1.0	2.043	2.843	14.5	20.7
5 1	16 54.35	− 6 59.5	1.968	2.849	11.8	20.6
5 11	16 47.94	− 6 1.8	1.914	2.855	9.0	20.4
5 21	16 39.97	− 5 12.0	1.885	2.861	6.6	20.3
5 31	16 31.21	− 4 33.9	1.882	2.866	6.1	20.2
6 10	16 22.60	− 4 10.7	1.906	2.870	7.8	20.3
6 20	16 14.95	− 4 3.7	1.955	2.875	10.5	20.5
6 30	16 8.96	− 4 12.5	2.028	2.879	13.2	20.7

211083 2002 EZ_{32} 5 30.8 66°.19 1°.8/30.4 17

4 21	17 1.32	−17 57.4	1.394	2.220	18.7	20.2
5 1	16 57.70	−17 55.3	1.324	2.228	14.9	20.0
5 11	16 50.93	−17 52.9	1.273	2.236	10.4	19.7
5 21	16 41.69	−17 51.0	1.244	2.244	5.4	19.5
5 31	16 31.17	−17 50.5	1.240	2.252	1.8	19.3
6 10	16 20.82	−17 53.1	1.260	2.260	6.0	19.5
6 20	16 11.98	−18 0.4	1.305	2.269	10.8	19.8
6 30	16 5.67	−18 14.1	1.372	2.277	15.0	20.1

170998 2005 ES_{8} 5 30.8 160°.60 0°.5/30.6 18

4 21	17 3.77	−21 22.8	1.932	2.729	15.3	21.5
5 1	16 58.76	−21 13.4	1.849	2.736	12.2	21.3
5 11	16 51.20	−21 0.2	1.786	2.742	8.5	21.0
5 21	16 41.69	−20 43.4	1.749	2.748	4.3	20.8
5 31	16 31.17	−20 23.8	1.739	2.753	0.6	20.5
6 10	16 20.78	−20 3.4	1.757	2.757	4.6	20.8
6 20	16 11.56	−19 44.7	1.802	2.760	8.7	21.1
6 30	16 4.34	−19 30.6	1.871	2.763	12.3	21.3

29353 Manu 5 30.8 255°.29 4°.3/ 1.7 18

4 21	17 0.05	−35 20.6	2.374	3.139	13.7	19.3
5 1	16 55.84	−35 37.4	2.271	3.129	11.4	19.2
5 11	16 49.23	−35 43.8	2.190	3.118	8.7	19.0
5 21	16 40.74	−35 37.2	2.132	3.108	6.0	18.8
5 31	16 31.19	−35 16.2	2.101	3.097	4.3	18.7
6 10	16 21.63	−34 41.5	2.098	3.085	5.3	18.7
6 20	16 13.04	−33 56.1	2.121	3.074	7.9	18.8
6 30	16 6.26	−33 4.7	2.169	3.063	10.8	19.0

435626 2008 SB_{123} 5 30.8 170°.11 2°.8/29.4 18

4 21	16 58.37	−15 26.4	2.422	3.217	12.6	21.9
5 1	16 53.88	−14 46.2	2.335	3.221	10.0	21.7
5 11	16 47.49	−14 5.0	2.271	3.224	7.1	21.5
5 21	16 39.71	−13 24.9	2.233	3.227	4.1	21.4
5 31	16 31.22	−12 48.1	2.224	3.229	2.8	21.3
6 10	16 22.84	−12 17.3	2.243	3.230	5.0	21.4
6 20	16 15.28	−11 54.5	2.289	3.231	8.0	21.6
6 30	16 9.18	−11 41.0	2.360	3.232	10.9	21.8

141965 2002 PA_{121} 5 30.8 292°.64 3°.6/29.5 18

4 21	16 57.38	−16 40.5	1.523	2.350	17.3	20.3
5 1	16 54.55	−15 55.3	1.430	2.335	13.9	20.0
5 11	16 48.81	−15 6.5	1.358	2.320	9.9	19.7
5 21	16 40.70	−14 17.1	1.307	2.305	5.7	19.5
5 31	16 31.20	−13 31.3	1.282	2.290	3.7	19.3
6 10	16 21.60	−12 53.4	1.282	2.275	7.0	19.4
6 20	16 13.16	−12 27.4	1.305	2.260	11.6	19.7
6 30	16 6.96	−12 15.9	1.350	2.246	15.9	19.9

134310 4698 $P–L$ 5 30.8 204°.64 4°.9/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	17 4.31	−35 49.8	2.411	3.165	13.8	21.6
5 1	16 59.25	−36 30.1	2.312	3.161	11.5	21.4
5 11	16 51.63	−37 1.3	2.234	3.155	8.9	21.2
5 21	16 41.99	−37 19.8	2.181	3.150	6.4	21.1
5 31	16 31.17	−37 23.1	2.154	3.143	4.9	21.0
6 10	16 20.28	−37 10.9	2.156	3.136	5.8	21.0
6 20	16 10.39	−36 45.4	2.184	3.129	8.2	21.1
6 30	16 2.40	−36 11.0	2.238	3.121	10.9	21.3

308119 2004 XG_{80} 5 30.8 75°.06 1°.7/30.5 18

4 21	17 3.39	−17 21.0	1.414	2.236	18.7	20.1
5 1	16 59.19	−17 30.8	1.350	2.251	14.9	19.8
5 11	16 51.85	−17 41.7	1.305	2.267	10.3	19.6
5 21	16 42.11	−17 53.8	1.283	2.282	5.3	19.4
5 31	16 31.18	−18 7.3	1.285	2.298	1.7	19.2
6 10	16 20.51	−18 22.8	1.313	2.313	5.8	19.5
6 20	16 11.40	−18 41.4	1.366	2.329	10.5	19.8
6 30	16 4.84	−19 4.1	1.441	2.344	14.6	20.1

141928 2002 PA_{87} 5 30.8 208°.65 5°.2/28.5 17

4 21	17 0.19	− 9 51.2	2.152	2.947	14.0	21.3
5 1	16 55.63	− 8 54.4	2.060	2.941	11.4	21.1
5 11	16 48.90	− 7 59.2	1.989	2.933	8.5	20.9
5 21	16 40.51	− 7 9.2	1.944	2.925	6.0	20.7
5 31	16 31.22	− 6 28.1	1.927	2.916	5.3	20.7
6 10	16 21.94	− 5 59.2	1.937	2.907	7.2	20.8
6 20	16 13.53	− 5 44.5	1.973	2.897	10.2	20.9
6 30	16 6.75	− 5 44.7	2.032	2.886	13.1	21.1

235371 2003 WS_{27} 5 30.8 288°.42 2°.0/31.5 17

4 21	16 58.60	−27 51.3	1.918	2.718	15.3	20.8
5 1	16 55.17	−27 55.1	1.814	2.701	12.4	20.6
5 11	16 49.06	−27 51.0	1.730	2.683	8.9	20.3
5 21	16 40.78	−27 37.6	1.670	2.665	5.1	20.1
5 31	16 31.21	−27 14.2	1.636	2.647	2.0	19.8
6 10	16 21.51	−26 42.5	1.628	2.629	4.7	20.0
6 20	16 12.83	−26 5.7	1.647	2.611	8.9	20.2
6 30	16 6.14	−25 28.3	1.689	2.593	12.7	20.4

182886 2002 CA_{282} 5 30.8 171°.27 2°.1/29.8 17

4 21	16 56.23	−15 55.7	2.716	3.510	11.5	21.4
5 1	16 52.03	−15 34.7	2.626	3.512	9.1	21.2
5 11	16 46.15	−15 13.3	2.560	3.514	6.4	21.1
5 21	16 39.03	−14 53.0	2.520	3.516	3.6	20.9
5 31	16 31.27	−14 35.0	2.509	3.517	2.1	20.8
6 10	16 23.57	−14 21.0	2.526	3.518	4.2	20.9
6 20	16 16.57	−14 12.3	2.571	3.519	7.0	21.1
6 30	16 10.84	−14 10.0	2.642	3.519	9.7	21.3

221147 2005 TY_{35} 5 30.8 150°.59 0°.4/30.9 18

4 21	17 2.01	−23 18.5	2.094	2.888	14.4	21.5
5 1	16 57.22	−23 20.7	2.010	2.895	11.5	21.3
5 11	16 50.07	−23 18.7	1.948	2.902	8.0	21.1
5 21	16 41.11	−23 11.9	1.911	2.909	4.1	20.9
5 31	16 31.23	−23 0.6	1.901	2.915	0.4	20.6
6 10	16 21.45	−22 46.1	1.920	2.921	4.1	20.9
6 20	16 12.73	−22 30.8	1.966	2.926	8.0	21.2
6 30	16 5.87	−22 17.3	2.036	2.930	11.4	21.4

112529 2002 PR_{35} 5 30.8 272°.05 5°.0/29.1 18

4 21	16 58.45	−12 41.2	1.652	2.471	16.6	19.9
5 1	16 55.12	−11 54.1	1.559	2.456	13.4	19.7
5 11	16 49.06	−11 7.1	1.485	2.441	9.8	19.4
5 21	16 40.80	−10 24.1	1.434	2.426	6.3	19.2
5 31	16 31.24	− 9 49.0	1.409	2.410	5.1	19.1
6 10	16 21.58	− 9 26.0	1.409	2.394	7.7	19.2
6 20	16 12.97	− 9 17.5	1.434	2.378	11.6	19.4
6 30	16 6.40	− 9 24.8	1.480	2.362	15.5	19.6

492252 2013 UQ_{10} 5 30.8 178°.49 10°.3/30.2 18

4 21	17 23.40	−33 5.9	1.322	2.097	22.1	21.8
5 1	17 17.73	−35 56.4	1.240	2.100	18.8	21.5
5 11	17 6.80	−38 48.8	1.178	2.101	15.0	21.3
5 21	16 50.79	−41 28.5	1.139	2.102	11.6	21.1
5 31	16 31.01	−43 37.8	1.126	2.102	10.3	21.0
6 10	16 10.07	−45 5.3	1.139	2.101	12.0	21.1
6 20	15 51.01	−45 50.0	1.176	2.099	15.5	21.3
6 30	15 36.33	−46 1.8	1.233	2.097	19.2	21.5

430278 2013 WK_{55} 5 30.8 210°.96 1°.2/31.1 17

4 21	17 3.43	−23 28.4	2.187	2.975	14.1	21.4
5 1	16 58.50	−24 1.6	2.089	2.970	11.3	21.2
5 11	16 51.12	−24 32.8	2.012	2.964	8.0	20.9
5 21	16 41.75	−25 0.4	1.961	2.957	4.2	20.7
5 31	16 31.23	−25 22.8	1.938	2.951	1.2	20.5
6 10	16 20.57	−25 39.7	1.943	2.943	4.2	20.7
6 20	16 10.82	−25 51.8	1.977	2.935	8.0	20.9
6 30	16 2.87	−26 1.3	2.035	2.927	11.5	21.1

398199 2010 MF_{72} 5 30.8 335.°81 0.°0/30.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 55.14	−24 15.3	2.020	2.828	14.3	21.1
5 1	16 52.00	−23 50.1	1.927	2.821	11.4	20.9
5 11	16 46.57	−23 18.0	1.856	2.815	8.0	20.7
5 21	16 39.39	−22 39.5	1.809	2.809	4.1	20.4
5 31	16 31.28	−21 56.2	1.789	2.803	0.1	20.0
6 10	16 23.22	−21 11.2	1.796	2.798	4.2	20.4
6 20	16 16.13	−20 27.9	1.829	2.793	8.2	20.6
6 30	16 10.80	−19 49.9	1.887	2.788	11.8	20.8

280120 2002 JM_5 5 30.8 11.°44 3.°4/30.5 17

4 21	16 55.55	−12 38.8	1.231	2.075	19.6	19.3
5 1	16 53.47	−12 58.5	1.167	2.080	15.7	19.1
5 11	16 48.20	−13 26.0	1.121	2.086	11.1	18.8
5 21	16 40.40	−14 2.3	1.095	2.094	6.3	18.6
5 31	16 31.26	−14 47.3	1.093	2.103	3.4	18.4
6 10	16 22.25	−15 40.1	1.114	2.114	6.7	18.7
6 20	16 14.73	−16 38.9	1.159	2.126	11.4	19.0
6 30	16 9.75	−17 41.9	1.224	2.139	15.7	19.2

373626 2002 JQ_{99} 5 30.8 68.°54 6.°8/29.5 17

4 21	17 1.14	− 4 18.6	1.740	2.539	16.7	20.8
5 1	16 56.49	− 3 52.3	1.685	2.563	13.7	20.7
5 11	16 49.46	− 3 36.3	1.651	2.588	10.5	20.5
5 21	16 40.73	− 3 33.8	1.639	2.612	7.8	20.4
5 31	16 31.26	− 3 47.3	1.653	2.636	6.9	20.4
6 10	16 22.11	− 4 17.1	1.693	2.660	8.4	20.5
6 20	16 14.21	− 5 1.8	1.758	2.684	11.1	20.8
6 30	16 8.26	− 5 58.8	1.846	2.708	13.8	21.0

506647 2006 RT_{95} 5 30.8 304.°70 0.°3/30.9 17

4 21	16 57.50	−23 15.6	1.412	2.241	18.4	21.8
5 1	16 55.27	−23 13.4	1.312	2.218	14.9	21.5
5 11	16 49.75	−23 5.3	1.232	2.196	10.5	21.2
5 21	16 41.40	−22 50.6	1.173	2.173	5.5	20.9
5 31	16 31.25	−22 29.5	1.137	2.151	0.3	20.4
6 10	16 20.79	−22 4.4	1.126	2.130	5.8	20.8
6 20	16 11.54	−21 38.9	1.139	2.108	11.3	21.0
6 30	16 4.83	−21 17.8	1.172	2.087	16.2	21.2

478755 2012 UK_{101} 5 30.8 155.°83 1.°7/30.1 17

4 21	16 57.42	−18 56.5	2.151	2.956	13.7	22.1
5 1	16 53.49	−18 28.8	2.065	2.957	10.9	21.9
5 11	16 47.43	−17 58.3	2.001	2.959	7.5	21.7
5 21	16 39.78	−17 26.3	1.962	2.961	4.0	21.5
5 31	16 31.31	−16 54.9	1.951	2.962	1.7	21.3
6 10	16 22.93	−16 26.6	1.967	2.963	4.6	21.5
6 20	16 15.48	−16 3.5	2.010	2.964	8.2	21.7
6 30	16 9.66	−15 47.9	2.077	2.965	11.4	22.0

396534 2014 GG_{38} 5 30.8 338.°38 8.°7/26.6 17

4 21	16 50.83	− 4 43.7	1.710	2.532	16.0	19.7
5 1	16 48.86	− 3 16.6	1.625	2.516	13.4	19.5
5 11	16 44.57	− 1 54.0	1.562	2.500	10.8	19.3
5 21	16 38.47	− 0 42.6	1.520	2.486	9.0	19.2
5 31	16 31.34	+ 0 11.1	1.503	2.472	8.9	19.2
6 10	16 24.20	+ 0 42.3	1.509	2.459	10.6	19.2
6 20	16 17.98	+ 0 48.9	1.537	2.448	13.4	19.4
6 30	16 13.50	+ 0 31.4	1.585	2.437	16.2	19.5

106306 2000 UU_{91} 5 30.8 284.°28 1.°3/31.4 18

4 21	16 57.28	−26 43.0	2.259	3.053	13.5	20.0
5 1	16 53.62	−26 39.2	2.152	3.036	10.9	19.8
5 11	16 47.71	−26 28.7	2.067	3.019	7.7	19.5
5 21	16 40.03	−26 10.8	2.006	3.002	4.2	19.3
5 31	16 31.32	−25 45.5	1.973	2.985	1.3	19.0
6 10	16 22.53	−25 14.6	1.967	2.968	4.0	19.2
6 20	16 14.59	−24 40.8	1.988	2.951	7.7	19.4
6 30	16 8.30	−24 7.4	2.034	2.934	11.1	19.6

323375 2003 WX_{117} 5 30.8 246.°76 1.°3/31.2 17

4 21	17 3.08	−25 18.4	1.861	2.658	15.8	21.7
5 1	16 58.83	−25 28.6	1.757	2.643	12.8	21.5
5 11	16 51.71	−25 33.5	1.672	2.626	9.1	21.2
5 21	16 42.22	−25 31.4	1.612	2.609	4.9	20.9
5 31	16 31.28	−25 21.5	1.578	2.591	1.4	20.6
6 10	16 20.14	−25 4.7	1.572	2.573	4.8	20.8
6 20	16 10.04	−24 43.6	1.592	2.554	9.3	21.1
6 30	16 2.06	−24 22.4	1.635	2.534	13.4	21.3

173975 2001 XL_{131} 5 30.8 49.°81 1.°5/30.6 17

4 21	17 1.06	−15 29.4	1.943	2.746	15.0	20.1
5 1	16 56.49	−16 0.2	1.874	2.764	11.9	19.9
5 11	16 49.57	−16 34.2	1.826	2.782	8.2	19.7
5 21	16 40.89	−17 10.8	1.803	2.801	4.3	19.5
5 31	16 31.33	−17 49.3	1.807	2.820	1.5	19.3
6 10	16 21.91	−18 29.0	1.840	2.839	4.6	19.6
6 20	16 13.59	−19 9.4	1.899	2.858	8.3	19.8
6 30	16 7.12	−19 50.8	1.983	2.877	11.6	20.1

468 Lina 5 30.8 276.°21 0.°2/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 56.87	−23 2.0	2.448	3.243	12.5	15.1
5 1	16 53.05	−22 57.8	2.339	3.225	10.0	14.9
5 11	16 47.20	−22 49.7	2.251	3.206	7.0	14.6
5 21	16 39.75	−22 37.5	2.189	3.188	3.6	14.4
5 31	16 31.35	−22 21.7	2.155	3.169	0.2	14.1
6 10	16 22.86	−22 3.7	2.149	3.150	3.8	14.3
6 20	16 15.09	−21 45.3	2.170	3.131	7.3	14.5
6 30	16 8.77	−21 29.0	2.217	3.111	10.6	14.7

235576 2004 LN_{18} 5 30.8 308.°65 9.°6/27.8 18

4 21	16 55.74	− 2 57.4	1.522	2.340	17.8	19.5
5 1	16 53.26	− 1 55.4	1.428	2.315	15.1	19.2
5 11	16 47.99	− 1 1.6	1.353	2.290	12.3	19.0
5 21	16 40.40	− 0 22.5	1.299	2.265	10.1	18.8
5 31	16 31.34	− 0 5.1	1.268	2.241	9.7	18.7
6 10	16 22.04	− 0 13.5	1.259	2.217	11.6	18.7
6 20	16 13.71	− 0 48.8	1.272	2.193	14.8	18.9
6 30	16 7.44	− 1 49.2	1.305	2.171	18.2	19.0

246304 2007 TZ_{129} 5 30.8 307.°48 2.°9/29.9 17

4 21	16 56.04	−19 17.6	1.295	2.136	19.1	20.6
5 1	16 54.19	−18 35.0	1.202	2.115	15.4	20.3
5 11	16 49.02	−17 45.3	1.128	2.095	10.9	19.9
5 21	16 41.04	−16 51.1	1.074	2.075	5.9	19.6
5 31	16 31.33	−15 56.5	1.044	2.055	2.9	19.4
6 10	16 21.41	−15 7.0	1.038	2.036	7.2	19.6
6 20	16 12.80	−14 28.1	1.053	2.018	12.6	19.8
6 30	16 6.77	−14 4.4	1.089	2.000	17.6	20.0

192824 1999 VD_{91} 5 30.8 205.°37 2.°7/29.6 18

4 21	16 57.98	−17 12.4	2.087	2.892	14.1	20.3
5 1	16 54.01	−16 28.6	1.998	2.890	11.2	20.1
5 11	16 47.85	−15 42.0	1.931	2.887	7.8	19.9
5 21	16 40.04	−14 54.8	1.889	2.885	4.4	19.7
5 31	16 31.36	−14 10.0	1.874	2.882	2.7	19.5
6 10	16 22.76	−13 30.8	1.887	2.879	5.3	19.7
6 20	16 15.09	−13 0.0	1.926	2.875	8.9	19.9
6 30	16 9.10	−12 39.6	1.990	2.872	12.2	20.1

317765 2003 SB_{93} 5 30.8 293.°15 3.°7/29.4 17

4 21	16 57.55	−17 28.1	1.453	2.283	17.9	20.5
5 1	16 54.86	−16 34.4	1.362	2.268	14.4	20.3
5 11	16 49.15	−15 35.4	1.290	2.253	10.2	20.0
5 21	16 40.97	−14 34.2	1.240	2.238	5.8	19.7
5 31	16 31.34	−13 35.5	1.215	2.224	3.8	19.5
6 10	16 21.62	−12 45.0	1.215	2.209	7.3	19.7
6 20	16 13.14	−12 7.3	1.239	2.194	12.0	19.9
6 30	16 6.99	−11 45.7	1.283	2.180	16.4	20.1

437812 2015 DG_{45} 5 30.8 353.°97 9.°0/ 1.6 17

4 21	17 0.41	−38 13.5	1.486	2.278	19.4	20.4
5 1	16 58.03	−39 41.4	1.407	2.273	16.6	20.2
5 11	16 51.92	−40 57.6	1.346	2.269	13.4	20.0
5 21	16 42.60	−41 54.4	1.305	2.266	10.6	19.8
5 31	16 31.30	−42 25.3	1.287	2.264	9.0	19.7
6 10	16 19.84	−42 28.0	1.291	2.263	9.9	19.8
6 20	16 9.99	−42 5.5	1.318	2.263	12.5	19.9
6 30	16 3.20	−41 25.0	1.366	2.264	15.6	20.1

315329 2007 TQ_{380} 5 30.8 142.°22 0.°3/30.9 17

4 21	17 3.18	−22 44.1	1.657	2.465	17.0	21.7
5 1	16 58.85	−22 48.7	1.578	2.471	13.6	21.4
5 11	16 51.60	−22 49.0	1.519	2.477	9.5	21.2
5 21	16 42.07	−22 44.4	1.483	2.482	4.9	20.9
5 31	16 31.33	−22 35.0	1.473	2.487	0.3	20.6
6 10	16 20.70	−22 22.2	1.490	2.491	4.9	21.0
6 20	16 11.41	−22 8.9	1.532	2.496	9.5	21.2
6 30	16 4.42	−21 58.3	1.598	2.499	13.5	21.5

41942 2000 XW_1 5 30.8 246.°21 0.°9/30.5 18

4 21	16 59.58	−19 51.2	2.055	2.858	14.3	19.9
5 1	16 55.53	−19 48.0	1.957	2.847	11.5	19.6
5 11	16 49.09	−19 42.9	1.879	2.837	8.0	19.4
5 21	16 40.77	−19 35.9	1.827	2.826	4.1	19.1
5 31	16 31.35	−19 27.9	1.801	2.815	0.9	18.9
6 10	16 21.86	−19 20.2	1.803	2.803	4.5	19.1
6 20	16 13.26	−19 14.6	1.832	2.791	8.5	19.3
6 30	16 6.44	−19 13.2	1.885	2.779	12.1	19.5

206579 2003 WX_2 5 30.8 143.°02 0.°5/30.6 18

4 21	16 58.31	−22 1.7	2.038	2.842	14.4	21.0
5 1	16 54.39	−21 43.8	1.952	2.844	11.4	20.8
5 11	16 48.18	−21 21.3	1.888	2.845	7.9	20.6
5 21	16 40.23	−20 54.8	1.848	2.847	4.0	20.4
5 31	16 31.37	−20 25.7	1.835	2.849	0.5	20.1
6 10	16 22.60	−19 56.3	1.850	2.850	4.3	20.4
6 20	16 14.84	−19 29.3	1.891	2.851	8.2	20.6
6 30	16 8.86	−19 7.6	1.957	2.853	11.7	20.8

323673 2005 EQ_{144} 5 30.8 217°.83 4°.9/29.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	17 0.25	−12 4.4	1.776	2.585	16.0	21.9
5 1	16 56.23	−11 17.8	1.688	2.580	12.9	21.7
5 11	16 49.64	−10 32.4	1.621	2.574	9.4	21.4
5 21	16 41.05	− 9 51.5	1.578	2.567	6.1	21.2
5 31	16 31.35	− 9 19.1	1.561	2.560	5.0	21.1
6 10	16 21.66	− 8 58.3	1.571	2.553	7.3	21.2
6 20	16 13.03	− 8 51.4	1.605	2.545	11.0	21.4
6 30	16 6.36	− 8 59.0	1.662	2.537	14.5	21.6

394336 2006 WN_{202} 5 30.8 96°.99 0°.8/30.6 18

4 21	16 58.34	−18 33.5	2.360	3.156	12.9	21.0
5 1	16 54.07	−18 46.2	2.274	3.161	10.2	20.8
5 11	16 47.79	−18 58.8	2.210	3.166	7.1	20.6
5 21	16 39.99	−19 11.3	2.172	3.171	3.6	20.4
5 31	16 31.38	−19 23.8	2.163	3.176	0.8	20.2
6 10	16 22.80	−19 36.6	2.181	3.181	3.9	20.5
6 20	16 15.05	−19 50.6	2.227	3.185	7.3	20.7
6 30	16 8.82	−20 6.6	2.299	3.190	10.4	20.9

12475 1997 CC_{20} 5 30.8 10°.57 2°.6/30.1 18

4 21	16 56.37	−16 42.2	1.555	2.383	17.0	18.1
5 1	16 53.51	−16 26.2	1.480	2.385	13.5	17.9
5 11	16 47.92	−16 10.1	1.424	2.387	9.5	17.7
5 21	16 40.21	−15 55.6	1.391	2.390	5.2	17.4
5 31	16 31.37	−15 44.8	1.383	2.393	2.6	17.3
6 10	16 22.63	−15 39.7	1.399	2.397	5.9	17.5
6 20	16 15.12	−15 42.1	1.441	2.402	10.2	17.8
6 30	16 9.74	−15 53.2	1.504	2.407	14.1	18.0

304674 2006 WZ_{95} 5 30.8 137°.06 0°.2/30.8 17

4 21	16 58.24	−21 9.2	2.591	3.381	12.0	22.3
5 1	16 53.78	−21 13.8	2.505	3.389	9.5	22.2
5 11	16 47.47	−21 16.2	2.442	3.396	6.6	22.0
5 21	16 39.78	−21 16.5	2.405	3.403	3.3	21.8
5 31	16 31.38	−21 14.8	2.396	3.410	0.2	21.5
6 10	16 23.05	−21 12.0	2.416	3.416	3.5	21.8
6 20	16 15.50	−21 9.5	2.465	3.423	6.7	22.0
6 30	16 9.36	−21 8.7	2.539	3.429	9.6	22.2

53656 2000 DV_{52} 5 30.8 251°.32 0°.3/30.9 18

4 21	17 0.26	−23 38.4	1.703	2.514	16.5	19.8
5 1	16 56.60	−23 33.6	1.614	2.509	13.2	19.6
5 11	16 50.10	−23 23.1	1.545	2.504	9.3	19.4
5 21	16 41.36	−23 6.6	1.500	2.499	4.8	19.1
5 31	16 31.35	−22 44.4	1.480	2.494	0.4	18.7
6 10	16 21.35	−22 18.9	1.486	2.488	4.9	19.1
6 20	16 12.55	−21 53.3	1.518	2.483	9.5	19.3
6 30	16 5.94	−21 31.3	1.574	2.478	13.5	19.5

62101 2000 RC_{95} 5 30.8 151°.59 2°.9/ 1.1 18

4 21	17 0.56	−31 49.7	2.951	3.711	11.4	19.8
5 1	16 55.56	−32 16.4	2.861	3.719	9.3	19.7
5 11	16 48.69	−32 36.4	2.794	3.727	6.9	19.5
5 21	16 40.41	−32 48.1	2.753	3.734	4.5	19.4
5 31	16 31.38	−32 50.4	2.740	3.740	2.9	19.3
6 10	16 22.39	−32 43.6	2.756	3.747	4.0	19.3
6 20	16 14.19	−32 29.4	2.801	3.753	6.3	19.5
6 30	16 7.39	−32 10.4	2.872	3.758	8.7	19.7

184865 2005 UA_{96} 5 30.8 351°.15 1°.2/30.4 17

4 21	16 55.80	−19 7.9	2.156	2.964	13.6	20.7
5 1	16 52.30	−18 58.4	2.068	2.962	10.8	20.5
5 11	16 46.70	−18 47.1	2.002	2.961	7.5	20.3
5 21	16 39.48	−18 34.8	1.960	2.959	3.9	20.1
5 31	16 31.40	−18 22.7	1.946	2.958	1.2	19.9
6 10	16 23.36	−18 12.2	1.959	2.957	4.3	20.1
6 20	16 16.19	−18 5.2	1.998	2.957	7.9	20.3
6 30	16 10.62	−18 3.2	2.062	2.957	11.2	20.5

130484 2000 QY_{101} 5 30.8 308°.21 5°.6/29.5 18

4 21	16 57.63	−11 38.1	1.329	2.164	19.0	19.4
5 1	16 55.16	−11 5.2	1.244	2.151	15.5	19.1
5 11	16 49.51	−10 35.8	1.178	2.138	11.4	18.8
5 21	16 41.23	−10 13.9	1.133	2.125	7.3	18.5
5 31	16 31.37	−10 3.8	1.110	2.113	5.7	18.4
6 10	16 21.36	−10 8.7	1.112	2.101	8.5	18.5
6 20	16 12.62	−10 29.8	1.135	2.089	13.0	18.7
6 30	16 6.35	−11 6.9	1.179	2.078	17.4	19.0

314335 2005 TL_{28} 5 30.8 168°.80 0°.3/30.6 18

4 21	16 55.81	−21 21.8	3.597	4.376	9.2	22.8
5 1	16 51.30	−21 10.9	3.503	4.381	7.2	22.7
5 11	16 45.47	−20 57.5	3.433	4.385	5.0	22.5
5 21	16 38.69	−20 42.0	3.391	4.389	2.5	22.3
5 31	16 31.43	−20 25.1	3.378	4.392	0.3	22.1
6 10	16 24.21	−20 7.9	3.396	4.395	2.7	22.4
6 20	16 17.55	−19 51.5	3.443	4.397	5.2	22.5
6 30	16 11.87	−19 37.5	3.517	4.398	7.4	22.7

253767 2003 WU_{114} 5 30.8 257°.38 0°.9/31.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	17 1.17	−25 57.0	1.691	2.498	16.8	21.3
5 1	16 57.49	−25 41.2	1.593	2.485	13.5	21.1
5 11	16 50.86	−25 16.5	1.515	2.472	9.6	20.8
5 21	16 41.81	−24 42.1	1.460	2.458	5.1	20.5
5 31	16 31.36	−23 58.6	1.430	2.444	0.9	20.2
6 10	16 20.85	−23 9.2	1.427	2.429	5.0	20.4
6 20	16 11.53	−22 18.6	1.450	2.415	9.8	20.7
6 30	16 4.50	−21 32.0	1.496	2.400	14.1	20.9

242246 2003 SN_{222} 5 30.8 185°.59 1°.4/30.3 17

4 21	17 2.19	−19 33.3	1.904	2.706	15.3	21.6
5 1	16 57.64	−19 14.8	1.816	2.706	12.2	21.4
5 11	16 50.55	−18 53.3	1.749	2.706	8.5	21.2
5 21	16 41.50	−18 29.7	1.706	2.705	4.4	20.9
5 31	16 31.38	−18 5.4	1.691	2.703	1.4	20.7
6 10	16 21.32	−17 42.7	1.703	2.701	5.0	20.9
6 20	16 12.35	−17 24.4	1.742	2.699	9.1	21.2
6 30	16 5.35	−17 12.7	1.805	2.695	12.8	21.4

242750 2005 VC_{82} 5 30.8 215°.12 1°.9/29.9 18

4 21	16 55.88	−16 5.1	2.843	3.636	11.0	21.4
5 1	16 51.77	−15 46.1	2.745	3.630	8.8	21.2
5 11	16 46.03	−15 26.7	2.670	3.623	6.1	21.0
5 21	16 39.07	−15 8.0	2.622	3.617	3.4	20.8
5 31	16 31.44	−14 51.4	2.602	3.610	2.0	20.7
6 10	16 23.81	−14 38.4	2.610	3.603	4.0	20.8
6 20	16 16.82	−14 30.2	2.647	3.595	6.8	21.0
6 30	16 11.02	−14 27.9	2.710	3.587	9.5	21.2

214 Aschera 5 30.8 131°.70 2°.1/31.5 18

4 21	17 0.89	−27 35.7	1.861	2.659	15.8	13.5
5 1	16 56.87	−27 46.3	1.776	2.661	12.7	13.3
5 11	16 50.15	−27 49.6	1.712	2.664	9.1	13.1
5 21	16 41.34	−27 43.8	1.672	2.666	5.1	12.9
5 31	16 31.40	−27 28.6	1.658	2.669	2.1	12.7
6 10	16 21.54	−27 5.4	1.670	2.671	4.7	12.9
6 20	16 12.88	−26 37.3	1.709	2.673	8.7	13.1
6 30	16 6.33	−26 8.5	1.772	2.675	12.3	13.3

34057 2000 ON_{44} 5 30.8 251°.69 7°.3/27.5 18 R

4 21	16 57.68	− 5 1.4	2.024	2.822	14.7	18.4
5 1	16 53.89	− 3 53.0	1.932	2.808	12.3	18.2
5 11	16 47.89	− 2 49.0	1.860	2.793	9.7	18.0
5 21	16 40.15	− 1 54.3	1.813	2.779	7.8	17.9
5 31	16 31.43	− 1 14.0	1.792	2.764	7.4	17.8
6 10	16 22.65	− 0 51.7	1.796	2.748	9.1	17.9
6 20	16 14.71	− 0 49.0	1.825	2.732	11.8	18.0
6 30	16 8.41	− 1 5.6	1.875	2.716	14.6	18.2

111476 2001 YL_{16} 5 30.8 229°.05 0°.8/30.6 17

4 21	16 57.35	−19 43.2	2.327	3.126	13.0	20.1
5 1	16 53.39	−19 41.1	2.235	3.124	10.3	19.9
5 11	16 47.39	−19 37.2	2.165	3.122	7.1	19.7
5 21	16 39.83	−19 32.0	2.120	3.119	3.6	19.4
5 31	16 31.43	−19 26.1	2.104	3.117	0.8	19.2
6 10	16 23.05	−19 20.8	2.115	3.114	4.0	19.5
6 20	16 15.48	−19 17.4	2.154	3.112	7.5	19.7
6 30	16 9.43	−19 17.5	2.217	3.109	10.6	19.9

349344 2007 VR_{95} 5 30.8 226°.24 1°.7/31.8 18

4 21	16 59.78	−29 39.6	2.445	3.224	13.0	21.3
5 1	16 55.32	−29 20.8	2.343	3.216	10.5	21.2
5 11	16 48.73	−28 52.8	2.262	3.207	7.6	20.9
5 21	16 40.51	−28 15.0	2.206	3.199	4.3	20.7
5 31	16 31.42	−27 27.8	2.179	3.190	1.8	20.5
6 10	16 22.39	−26 33.7	2.180	3.180	3.8	20.7
6 20	16 14.27	−25 36.1	2.210	3.170	7.2	20.9
6 30	16 7.79	−24 39.4	2.265	3.160	10.3	21.0

125667 2001 XG_{77} 5 30.8 78°.91 1°.8/30.2 17

4 21	16 59.50	−19 30.4	1.714	2.529	16.2	19.9
5 1	16 55.61	−18 58.4	1.643	2.541	12.9	19.7
5 11	16 49.13	−18 22.9	1.592	2.552	8.9	19.4
5 21	16 40.74	−17 45.5	1.564	2.563	4.6	19.2
5 31	16 31.42	−17 8.8	1.563	2.575	1.9	19.1
6 10	16 22.33	−16 36.0	1.588	2.586	5.3	19.3
6 20	16 14.49	−16 10.1	1.639	2.598	9.4	19.6
6 30	16 8.71	−15 53.4	1.713	2.609	13.1	19.8

405747 2005 YT_{105} 5 30.8 248°.53 2°.2/31.6 17

4 21	17 2.52	−28 32.9	1.482	2.293	18.6	21.4
5 1	16 59.05	−28 25.4	1.393	2.285	15.1	21.1
5 11	16 52.19	−28 6.4	1.322	2.277	10.9	20.9
5 21	16 42.57	−27 34.0	1.272	2.268	6.1	20.6
5 31	16 31.38	−26 48.0	1.248	2.260	2.2	20.3
6 10	16 20.19	−25 51.8	1.249	2.251	5.6	20.5
6 20	16 10.49	−24 51.2	1.275	2.242	10.6	20.7
6 30	16 3.46	−23 53.2	1.322	2.233	15.1	21.0

170151 2003 CE_1 5 30.8 228°.25 18°.9/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	17 3.74	+16 40.5	1.418	2.162	22.2	20.0
5 1	16 59.69	+18 40.2	1.357	2.154	20.8	19.9
5 11	16 52.43	+20 14.9	1.312	2.145	19.6	19.7
5 21	16 42.62	+21 12.9	1.283	2.136	18.9	19.7
5 31	16 31.38	+21 24.8	1.271	2.126	19.1	19.6
6 10	16 20.17	+20 46.6	1.277	2.115	20.1	19.7
6 20	16 10.33	+19 20.9	1.300	2.104	21.7	19.7
6 30	16 2.99	+17 15.2	1.338	2.092	23.5	19.8

364714 2007 VU_{45} 5 30.8 288°.36 2°.6/31.6 17

4 21	17 0.24	−28 29.6	1.453	2.269	18.6	21.4
5 1	16 57.45	−28 32.9	1.358	2.254	15.2	21.2
5 11	16 51.25	−28 25.7	1.282	2.239	11.0	20.9
5 21	16 42.19	−28 5.7	1.227	2.223	6.3	20.6
5 31	16 31.39	−27 31.9	1.197	2.208	2.6	20.3
6 10	16 20.44	−26 46.5	1.191	2.193	5.8	20.4
6 20	16 10.88	−25 54.8	1.209	2.178	10.8	20.7
6 30	16 4.00	−25 3.5	1.248	2.163	15.5	20.9

501192 2013 TS_{114} 5 30.8 194°.82 8°.8/25.7 17

4 21	16 57.73	− 4 9.4	1.883	2.683	15.5	21.3
5 1	16 53.91	− 2 13.3	1.808	2.683	13.0	21.1
5 11	16 47.84	− 0 21.0	1.755	2.682	10.6	20.9
5 21	16 40.08	+ 1 20.1	1.727	2.681	9.0	20.8
5 31	16 31.45	+ 2 43.0	1.725	2.680	9.1	20.8
6 10	16 22.93	+ 3 42.4	1.747	2.678	10.7	20.9
6 20	16 15.42	+ 4 16.1	1.793	2.677	13.2	21.1
6 30	16 9.64	+ 4 24.5	1.860	2.675	15.7	21.2

173278 1999 TB_{54} 5 30.8 283°.01 0°.1/30.8 17

4 21	16 59.55	−23 8.9	1.556	2.375	17.4	20.9
5 1	16 56.48	−22 57.9	1.460	2.360	14.0	20.6
5 11	16 50.33	−22 40.4	1.383	2.344	9.9	20.3
5 21	16 41.64	−22 16.4	1.328	2.328	5.1	20.0
5 31	16 31.42	−21 46.7	1.299	2.312	0.1	19.5
6 10	16 21.05	−21 14.0	1.294	2.297	5.4	19.9
6 20	16 11.88	−20 42.3	1.315	2.281	10.4	20.2
6 30	16 5.07	−20 16.0	1.358	2.265	15.0	20.4

310381 1994 SV_5 5 30.8 229°.63 0°.8/30.5 18

4 21	16 56.80	−20 5.6	2.719	3.511	11.5	22.1
5 1	16 52.66	−19 53.6	2.617	3.502	9.1	21.9
5 11	16 46.75	−19 39.3	2.538	3.493	6.3	21.7
5 21	16 39.48	−19 23.1	2.485	3.483	3.2	21.5
5 31	16 31.47	−19 5.9	2.460	3.473	0.8	21.3
6 10	16 23.44	−18 49.2	2.464	3.463	3.6	21.5
6 20	16 16.08	−18 34.7	2.497	3.452	6.8	21.7
6 30	16 10.02	−18 23.9	2.555	3.441	9.6	21.9

17499 1992 EJ_5 5 30.8 5°.14 1°.6/30.5 17

4 21	16 58.41	−19 6.8	1.238	2.078	19.8	18.1
5 1	16 55.98	−19 1.8	1.165	2.077	15.8	17.9
5 11	16 50.14	−18 55.1	1.111	2.077	11.1	17.6
5 21	16 41.54	−18 47.4	1.077	2.078	5.7	17.3
5 31	16 31.43	−18 40.2	1.066	2.080	1.6	17.0
6 10	16 21.39	−18 35.6	1.080	2.082	6.3	17.3
6 20	16 12.92	−18 36.1	1.115	2.084	11.6	17.6
6 30	16 7.17	−18 43.9	1.172	2.087	16.3	17.9

192365 1995 WU_{25} 5 30.8 234°.53 2°.8/31.7 18

4 21	17 1.13	−29 12.5	2.063	2.851	14.8	21.1
5 1	16 56.97	−29 33.3	1.967	2.845	12.0	20.9
5 11	16 50.22	−29 46.9	1.892	2.838	8.7	20.6
5 21	16 41.41	−29 51.3	1.841	2.832	5.2	20.4
5 31	16 31.43	−29 45.1	1.817	2.825	2.8	20.2
6 10	16 21.40	−29 28.9	1.820	2.818	4.8	20.4
6 20	16 12.40	−29 5.4	1.850	2.810	8.3	20.6
6 30	16 5.36	−28 38.4	1.904	2.803	11.8	20.8

492367 2014 HD_{81} 5 30.8 35°.50 1°.2/31.2 16

4 21	16 58.89	−24 9.7	2.275	3.069	13.4	21.4
5 1	16 54.76	−24 35.4	2.186	3.070	10.7	21.2
5 11	16 48.44	−24 58.1	2.118	3.071	7.5	21.0
5 21	16 40.42	−25 16.6	2.076	3.072	4.0	20.8
5 31	16 31.46	−25 30.0	2.061	3.074	1.2	20.6
6 10	16 22.48	−25 38.5	2.074	3.075	3.9	20.8
6 20	16 14.39	−25 43.3	2.115	3.076	7.4	21.0
6 30	16 7.94	−25 46.5	2.181	3.078	10.6	21.2

384087 2008 VZ_{67} 5 30.8 127°.74 0°.5/30.7 17

4 21	16 59.53	−20 39.8	2.038	2.840	14.4	21.5
5 1	16 55.39	−20 42.0	1.953	2.844	11.5	21.3
5 11	16 48.92	−20 42.0	1.890	2.848	8.0	21.1
5 21	16 40.66	−20 39.8	1.852	2.852	4.0	20.9
5 31	16 31.46	−20 35.8	1.841	2.855	0.5	20.6
6 10	16 22.32	−20 31.2	1.858	2.859	4.3	20.9
6 20	16 14.18	−20 27.6	1.901	2.862	8.2	21.1
6 30	16 7.83	−20 27.1	1.969	2.865	11.6	21.4

367725 2010 UL_6 5 30.8 318°.10 1°.8/30.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 55.07	−18 34.7	1.214	2.062	19.7	20.1
5 1	16 53.81	−18 32.0	1.120	2.036	15.9	19.8
5 11	16 49.08	−18 28.4	1.042	2.011	11.3	19.4
5 21	16 41.28	−18 24.8	0.985	1.987	6.0	19.0
5 31	16 31.44	−18 22.7	0.951	1.963	1.8	18.7
6 10	16 21.15	−18 24.0	0.938	1.941	6.8	18.9
6 20	16 12.10	−18 31.3	0.948	1.919	12.7	19.1
6 30	16 5.80	−18 46.9	0.976	1.899	18.1	19.4

457567 2008 YX_{122} 5 30.8 63°.82 2°.9/30.1 17

4 21	17 2.22	−16 51.6	1.285	2.116	19.7	21.0
5 1	16 58.43	−16 29.9	1.229	2.135	15.6	20.8
5 11	16 51.40	−16 8.0	1.192	2.155	10.9	20.5
5 21	16 41.97	−15 48.0	1.176	2.175	5.9	20.3
5 31	16 31.44	−15 32.4	1.184	2.195	2.9	20.2
6 10	16 21.31	−15 23.7	1.217	2.215	6.6	20.5
6 20	16 12.90	−15 23.8	1.273	2.234	11.2	20.8
6 30	16 7.12	−15 33.9	1.351	2.254	15.4	21.1

43303 2000 GO_{133} 5 30.8 251°.31 5°.2/28.4 18

4 21	16 55.90	−10 5.4	2.133	2.938	13.8	19.3
5 1	16 52.28	− 9 5.0	2.048	2.935	11.2	19.1
5 11	16 46.63	− 8 6.2	1.985	2.932	8.4	18.9
5 21	16 39.46	− 7 12.8	1.947	2.928	5.9	18.7
5 31	16 31.48	− 6 28.7	1.935	2.925	5.3	18.7
6 10	16 23.56	− 5 57.2	1.950	2.921	7.1	18.8
6 20	16 16.50	− 5 40.1	1.991	2.917	9.9	19.0
6 30	16 10.97	− 5 38.0	2.054	2.914	12.7	19.1

258803 2002 LV_{52} 5 30.8 351°.60 9°.6/23.3 17

4 21	16 45.47	−22 18.9	0.851	1.735	22.7	18.7
5 1	16 46.72	−18 9.8	0.780	1.720	18.1	18.4
5 11	16 44.16	−13 18.8	0.730	1.707	13.1	18.0
5 21	16 38.60	− 8 5.8	0.702	1.697	9.8	17.8
5 31	16 31.50	− 3 1.9	0.698	1.689	11.2	17.9
6 10	16 24.66	+ 1 20.8	0.716	1.685	15.9	18.1
6 20	16 19.62	+ 4 42.0	0.754	1.683	21.0	18.4
6 30	16 17.49	+ 6 56.0	0.807	1.685	25.4	18.6

86064 1999 RP_{26} 5 30.8 230°.10 1°.8/31.6 18

4 21	16 58.31	−27 47.6	2.777	3.555	11.6	20.5
5 1	16 53.97	−28 0.2	2.673	3.546	9.4	20.3
5 11	16 47.73	−28 7.6	2.591	3.536	6.7	20.1
5 21	16 40.03	−28 8.7	2.535	3.527	3.9	19.9
5 31	16 31.49	−28 3.1	2.507	3.517	1.8	19.7
6 10	16 22.91	−27 51.2	2.509	3.507	3.6	19.9
6 20	16 15.04	−27 34.9	2.538	3.497	6.5	20.0
6 30	16 8.53	−27 16.5	2.594	3.486	9.3	20.2

437050 2012 UN_{32} 5 30.8 296°.88 1°.1/30.4 17

4 21	16 57.29	−20 45.2	1.919	2.730	14.9	21.4
5 1	16 53.84	−20 22.6	1.827	2.723	11.9	21.2
5 11	16 47.98	−19 55.8	1.757	2.717	8.3	21.0
5 21	16 40.25	−19 25.7	1.711	2.710	4.2	20.7
5 31	16 31.49	−18 54.1	1.691	2.704	1.1	20.5
6 10	16 22.75	−18 23.7	1.698	2.698	4.8	20.7
6 20	16 15.01	−17 57.3	1.732	2.692	8.8	20.9
6 30	16 9.10	−17 37.8	1.789	2.686	12.5	21.2

96607 1999 AT_{30} 5 30.8 128°.13 3°.4/29.3 18

4 21	16 54.92	−10 8.5	2.948	3.737	10.8	20.1
5 1	16 50.84	− 9 45.5	2.868	3.746	8.6	19.9
5 11	16 45.28	− 9 25.3	2.810	3.755	6.3	19.8
5 21	16 38.67	− 9 9.7	2.779	3.763	4.2	19.7
5 31	16 31.53	− 9 0.2	2.776	3.771	3.4	19.6
6 10	16 24.46	− 8 58.0	2.802	3.779	4.8	19.7
6 20	16 18.03	− 9 3.7	2.855	3.787	7.1	19.9
6 30	16 12.72	− 9 17.4	2.933	3.794	9.3	20.1

206030 2002 QU_2 5 30.8 252°.11 3°.9/ 1.4 18

4 21	17 0.66	−33 31.0	2.150	2.926	14.6	20.5
5 1	16 56.59	−33 45.5	2.051	2.918	12.1	20.3
5 11	16 49.95	−33 49.7	1.974	2.910	9.1	20.1
5 21	16 41.28	−33 41.1	1.920	2.901	6.0	19.9
5 31	16 31.48	−33 18.3	1.892	2.893	4.0	19.8
6 10	16 21.68	−32 42.4	1.891	2.884	5.2	19.8
6 20	16 12.93	−31 56.8	1.917	2.875	8.3	20.0
6 30	16 6.15	−31 6.4	1.968	2.866	11.5	20.2

471850 2012 XV_{144} 5 30.8 175°.42 3°.4/ 1.7 18

4 21	17 0.74	−34 52.7	2.798	3.552	12.1	21.8
5 1	16 55.85	−34 54.3	2.702	3.554	9.9	21.7
5 11	16 48.97	−34 46.1	2.629	3.556	7.5	21.5
5 21	16 40.61	−34 26.5	2.580	3.557	5.0	21.3
5 31	16 31.50	−33 55.2	2.560	3.558	3.4	21.2
6 10	16 22.51	−33 13.4	2.569	3.558	4.3	21.3
6 20	16 14.40	−32 24.1	2.605	3.558	6.6	21.4
6 30	16 7.85	−31 31.1	2.669	3.558	9.2	21.6

422951 2002 VA_{58} 5 30.8 230°.18 1°.7/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	17 1.43	−18 21.9	2.038	2.837	14.5	21.9
5 1	16 57.03	−18 6.4	1.937	2.826	11.6	21.7
5 11	16 50.19	−17 49.0	1.857	2.813	8.2	21.5
5 21	16 41.40	−17 30.4	1.803	2.801	4.3	21.2
5 31	16 31.49	−17 12.1	1.775	2.787	1.7	21.0
6 10	16 21.49	−16 56.1	1.776	2.773	4.9	21.2
6 20	16 12.40	−16 44.5	1.803	2.758	8.9	21.4
6 30	16 5.10	−16 39.4	1.855	2.743	12.6	21.6

26678 2001 EN_{19} 5 30.8 251°.70 3°.0/ 1.3 18

4 21	16 58.80	−32 46.4	2.812	3.577	11.8	19.1
5 1	16 54.45	−32 52.8	2.700	3.561	9.7	18.9
5 11	16 48.12	−32 50.9	2.611	3.545	7.2	18.8
5 21	16 40.25	−32 39.2	2.546	3.529	4.7	18.6
5 31	16 31.51	−32 17.0	2.510	3.512	3.0	18.4
6 10	16 22.73	−31 45.2	2.502	3.495	4.1	18.5
6 20	16 14.69	−31 6.2	2.522	3.478	6.7	18.6
6 30	16 8.09	−30 23.3	2.568	3.460	9.4	18.8

428286 2007 EN_{103} 5 30.8 354°.92 0°.8/30.6 17

4 21	16 58.71	−20 41.6	1.650	2.468	16.6	21.5
5 1	16 55.37	−20 34.4	1.567	2.467	13.2	21.3
5 11	16 49.26	−20 24.0	1.505	2.466	9.2	21.1
5 21	16 40.98	−20 10.8	1.466	2.466	4.7	20.8
5 31	16 31.51	−19 55.8	1.452	2.465	0.8	20.5
6 10	16 22.09	−19 41.2	1.464	2.465	5.1	20.8
6 20	16 13.88	−19 29.4	1.501	2.465	9.6	21.1
6 30	16 7.82	−19 23.0	1.561	2.466	13.6	21.3

275713 2000 WZ_{137} 5 30.8 264°.17 0°.6/30.6 17

4 21	16 59.21	−22 5.1	1.958	2.763	14.9	21.0
5 1	16 55.46	−21 46.7	1.855	2.748	11.9	20.8
5 11	16 49.21	−21 23.1	1.774	2.732	8.3	20.5
5 21	16 40.95	−20 54.6	1.717	2.716	4.3	20.2
5 31	16 31.52	−20 22.6	1.686	2.700	0.6	19.9
6 10	16 21.99	−19 49.6	1.683	2.683	4.7	20.2
6 20	16 13.42	−19 18.6	1.706	2.667	8.9	20.4
6 30	16 6.71	−18 53.1	1.753	2.650	12.8	20.6

215947 2005 MZ_{38} 5 30.8 144°.24 4°.7/28.9 18

4 21	16 56.68	− 6 50.5	2.685	3.470	11.8	20.9
5 1	16 52.35	− 6 19.8	2.605	3.478	9.6	20.7
5 11	16 46.40	− 5 53.7	2.549	3.486	7.3	20.6
5 21	16 39.27	− 5 34.8	2.519	3.493	5.3	20.5
5 31	16 31.55	− 5 25.0	2.516	3.500	4.7	20.4
6 10	16 23.91	− 5 25.7	2.541	3.506	6.0	20.5
6 20	16 16.98	− 5 37.3	2.592	3.512	8.2	20.7
6 30	16 11.30	− 5 59.4	2.669	3.518	10.5	20.8

433521 2013 WM_{72} 5 30.8 241°.33 0°.5/31.1 18

4 21	17 1.36	−26 15.6	2.121	2.911	14.4	22.2
5 1	16 56.97	−25 45.4	2.014	2.897	11.5	21.9
5 11	16 50.12	−25 6.3	1.929	2.882	8.1	21.7
5 21	16 41.37	−24 17.9	1.870	2.867	4.3	21.4
5 31	16 31.54	−23 21.6	1.837	2.851	0.5	21.1
6 10	16 21.68	−22 20.7	1.834	2.835	4.3	21.4
6 20	16 12.82	−21 19.4	1.858	2.818	8.3	21.6
6 30	16 5.79	−20 22.5	1.907	2.801	12.0	21.8

493595 2015 ML_{70} 5 30.8 253°.64 0°.3/31.0 18

4 21	16 56.88	−25 9.0	2.527	3.318	12.3	21.7
5 1	16 52.94	−24 46.0	2.425	3.309	9.8	21.5
5 11	16 47.06	−24 16.6	2.346	3.299	6.9	21.3
5 21	16 39.71	−23 41.1	2.292	3.290	3.6	21.0
5 31	16 31.57	−23 0.6	2.266	3.280	0.3	20.7
6 10	16 23.46	−22 17.3	2.269	3.270	3.6	21.0
6 20	16 16.13	−21 34.2	2.300	3.260	7.0	21.2
6 30	16 10.24	−20 54.2	2.356	3.250	10.0	21.4

336202 2008 SE_5 5 30.8 238°.20 1°.8/30.2 17

4 21	16 59.51	−17 32.8	2.206	3.005	13.6	21.7
5 1	16 55.30	−17 17.2	2.104	2.993	10.9	21.5
5 11	16 48.88	−17 0.4	2.024	2.980	7.6	21.2
5 21	16 40.72	−16 43.2	1.970	2.967	4.1	21.0
5 31	16 31.56	−16 27.3	1.943	2.953	1.9	20.8
6 10	16 22.31	−16 14.2	1.944	2.939	4.7	21.0
6 20	16 13.89	−16 6.0	1.972	2.925	8.4	21.2
6 30	16 7.08	−16 4.1	2.024	2.910	11.8	21.4

18413 Adamspencer 5 30.8 307°.36 6°.0/ 2.1 18

4 21	17 0.02	−38 5.9	2.126	2.890	15.1	18.7
5 1	16 56.41	−38 44.3	2.027	2.879	12.8	18.5
5 11	16 50.04	−39 11.1	1.949	2.868	10.2	18.3
5 21	16 41.44	−39 22.5	1.893	2.857	7.6	18.1
5 31	16 31.54	−39 15.4	1.862	2.846	6.1	18.0
6 10	16 21.55	−38 50.0	1.857	2.835	6.8	18.0
6 20	16 12.67	−38 9.0	1.877	2.825	9.2	18.1
6 30	16 5.88	−37 17.7	1.922	2.814	12.0	18.3

308352 2005 QO_{75} 5 30.8 222°.34 5°.1/ 2.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	17 1.69	−38 15.4	2.628	3.374	13.0	21.6
5 1	16 57.07	−38 49.0	2.528	3.368	11.0	21.4
5 11	16 50.12	−39 12.5	2.449	3.362	8.7	21.3
5 21	16 41.35	−39 22.8	2.395	3.355	6.5	21.1
5 31	16 31.55	−39 17.7	2.366	3.348	5.2	21.0
6 10	16 21.71	−38 57.4	2.366	3.340	5.8	21.0
6 20	16 12.78	−38 24.0	2.392	3.333	7.8	21.2
6 30	16 5.60	−37 41.7	2.443	3.325	10.2	21.3

412252 2013 HJ_{46} 5 30.8 50°.17 1°.5/31.3 17

4 21	17 1.27	−26 6.0	1.256	2.085	20.2	21.2
5 1	16 58.23	−26 6.0	1.191	2.095	16.2	21.0
5 11	16 51.63	−25 56.9	1.144	2.105	11.4	20.7
5 21	16 42.28	−25 37.4	1.117	2.116	6.1	20.4
5 31	16 31.53	−25 8.0	1.115	2.128	1.5	20.2
6 10	16 21.10	−24 31.9	1.136	2.139	5.7	20.5
6 20	16 12.46	−23 54.4	1.181	2.151	10.8	20.8
6 30	16 6.70	−23 21.0	1.247	2.164	15.4	21.1

431080 2006 DO_{25} 5 30.9 139°.41 0°.8/31.2 17

4 21	17 1.60	−24 50.0	2.231	3.020	13.8	22.2
5 1	16 56.80	−24 50.1	2.149	3.030	11.0	22.1
5 11	16 49.78	−24 45.0	2.088	3.040	7.7	21.9
5 21	16 41.09	−24 34.2	2.053	3.049	4.0	21.6
5 31	16 31.56	−24 17.9	2.045	3.058	0.8	21.4
6 10	16 22.16	−23 57.6	2.066	3.067	3.9	21.7
6 20	16 13.77	−23 35.8	2.114	3.074	7.5	21.9
6 30	16 7.13	−23 15.2	2.188	3.082	10.7	22.1

282404 2003 SH_{336} 5 30.9 331°.21 5°.6/30.1 18

4 21	16 57.01	− 8 16.3	1.536	2.359	17.4	19.8
5 1	16 54.27	− 8 13.0	1.447	2.344	14.3	19.6
5 11	16 48.71	− 8 18.9	1.376	2.330	10.7	19.3
5 21	16 40.84	− 8 37.0	1.328	2.316	7.2	19.1
5 31	16 31.56	− 9 9.6	1.304	2.303	5.6	18.9
6 10	16 22.11	− 9 57.2	1.304	2.292	7.8	19.0
6 20	16 13.71	−10 58.5	1.329	2.280	11.7	19.2
6 30	16 7.43	−12 11.2	1.375	2.270	15.7	19.4

431457 2007 RT_{266} 5 30.9 310°.44 1°.7/31.4 17

4 21	16 59.37	−25 52.7	1.949	2.750	15.1	21.6
5 1	16 55.62	−26 10.4	1.859	2.747	12.1	21.4
5 11	16 49.33	−26 22.9	1.790	2.744	8.6	21.1
5 21	16 41.01	−26 28.8	1.745	2.741	4.7	20.9
5 31	16 31.57	−26 27.3	1.726	2.738	1.7	20.7
6 10	16 22.10	−26 19.2	1.734	2.735	4.5	20.9
6 20	16 13.68	−26 6.8	1.768	2.732	8.4	21.1
6 30	16 7.20	−25 53.1	1.826	2.729	12.0	21.3

250310 2003 QO_{78} 5 30.9 250°.95 0°.7/30.6 18

4 21	17 2.38	−22 17.9	1.880	2.681	15.5	21.2
5 1	16 58.18	−21 54.8	1.772	2.662	12.5	20.9
5 11	16 51.25	−21 25.5	1.685	2.642	8.8	20.6
5 21	16 42.08	−20 50.3	1.622	2.621	4.5	20.3
5 31	16 31.56	−20 10.4	1.586	2.599	0.7	20.0
6 10	16 20.85	−19 28.8	1.577	2.577	5.0	20.3
6 20	16 11.14	−18 49.2	1.595	2.554	9.5	20.5
6 30	16 3.44	−18 15.9	1.637	2.530	13.7	20.7

57959 2002 JH_{118} 5 30.9 324°.33 9°.6/29.4 18

4 21	16 57.58	− 2 40.8	1.279	2.106	20.1	18.3
5 1	16 55.20	− 2 3.5	1.200	2.092	17.0	18.0
5 11	16 49.62	− 1 39.5	1.137	2.080	13.6	17.8
5 21	16 41.39	− 1 35.7	1.095	2.067	10.6	17.5
5 31	16 31.57	− 1 57.6	1.074	2.056	9.7	17.5
6 10	16 21.59	− 2 47.3	1.075	2.045	11.6	17.5
6 20	16 12.89	− 4 2.8	1.098	2.035	15.1	17.7
6 30	16 6.65	− 5 39.4	1.140	2.026	18.9	17.9

105738 2000 SU_{88} 5 30.9 178°.92 4°.6/28.6 18

4 21	16 55.62	− 8 28.9	2.634	3.426	11.8	20.2
5 1	16 51.62	− 7 45.9	2.549	3.427	9.6	20.0
5 11	16 45.98	− 7 6.1	2.486	3.427	7.2	19.9
5 21	16 39.11	− 6 32.2	2.450	3.427	5.2	19.8
5 31	16 31.61	− 6 6.6	2.441	3.427	4.6	19.7
6 10	16 24.17	− 5 51.4	2.459	3.427	6.1	19.8
6 20	16 17.42	− 5 47.6	2.505	3.427	8.4	19.9
6 30	16 11.92	− 5 55.4	2.574	3.426	10.7	20.1

138968 2001 CT_{18} 5 30.9 171°.09 1°.0/30.4 18

4 21	16 56.52	−19 7.3	2.998	3.785	10.6	20.9
5 1	16 52.19	−18 55.8	2.906	3.788	8.4	20.8
5 11	16 46.30	−18 42.7	2.837	3.791	5.8	20.6
5 21	16 39.25	−18 28.6	2.795	3.793	3.0	20.4
5 31	16 31.61	−18 14.4	2.782	3.795	1.0	20.3
6 10	16 24.02	−18 1.3	2.799	3.796	3.3	20.5
6 20	16 17.06	−17 50.6	2.844	3.797	6.1	20.6
6 30	16 11.28	−17 43.7	2.915	3.798	8.7	20.8

476403 2008 CE_{207} 5 30.9 294°.66 4°.7/ 1.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 59.76	−35 29.1	2.265	3.034	14.2	21.5
5 1	16 55.80	−35 55.2	2.171	3.029	11.8	21.3
5 11	16 49.38	−36 11.0	2.097	3.025	9.1	21.1
5 21	16 41.02	−36 13.6	2.047	3.021	6.4	20.9
5 31	16 31.58	−36 1.3	2.023	3.016	4.7	20.8
6 10	16 22.16	−35 34.7	2.026	3.012	5.6	20.9
6 20	16 13.76	−34 56.7	2.055	3.008	8.2	21.0
6 30	16 7.24	−34 11.8	2.110	3.004	11.0	21.2

250328 2003 SX_{75} 5 30.9 249°.22 4°.6/29.2 18

4 21	17 0.21	−13 13.2	1.714	2.527	16.3	21.0
5 1	16 56.47	−12 27.8	1.620	2.514	13.2	20.7
5 11	16 50.04	−11 42.3	1.546	2.501	9.6	20.5
5 21	16 41.45	−10 59.9	1.496	2.487	6.1	20.2
5 31	16 31.59	−10 24.5	1.471	2.473	4.7	20.1
6 10	16 21.63	−10 0.0	1.472	2.458	7.3	20.2
6 20	16 12.71	− 9 48.8	1.499	2.443	11.2	20.4
6 30	16 5.82	− 9 52.3	1.547	2.428	15.1	20.6

141117 2001 XJ_{80} 5 30.9 227°.28 3°.5/29.5 18

4 21	16 56.89	−11 27.4	2.523	3.318	12.2	20.3
5 1	16 52.81	−11 4.8	2.428	3.310	9.8	20.2
5 11	16 46.92	−10 44.4	2.355	3.303	7.1	20.0
5 21	16 39.65	−10 28.2	2.308	3.295	4.6	19.8
5 31	16 31.62	−10 18.2	2.288	3.288	3.6	19.7
6 10	16 23.57	−10 15.7	2.297	3.279	5.3	19.8
6 20	16 16.21	−10 21.8	2.332	3.271	8.1	20.0
6 30	16 10.19	−10 36.8	2.393	3.262	10.8	20.1

430007 2013 QF_{74} 5 30.9 260°.43 4°.3/29.4 18

4 21	16 59.17	−13 26.7	1.786	2.598	15.8	21.4
5 1	16 55.55	−12 47.1	1.690	2.584	12.8	21.2
5 11	16 49.35	−12 7.7	1.615	2.570	9.2	20.9
5 21	16 41.08	−11 31.3	1.563	2.555	5.8	20.7
5 31	16 31.60	−11 1.5	1.538	2.540	4.3	20.5
6 10	16 22.02	−10 41.4	1.538	2.525	6.9	20.7
6 20	16 13.43	−10 33.4	1.564	2.510	10.7	20.8
6 30	16 6.75	−10 38.7	1.612	2.495	14.5	21.0

280844 2005 UO_{189} 5 30.9 281°.33 1°.0/31.2 17

4 21	17 0.25	−24 33.9	1.738	2.547	16.3	21.4
5 1	16 56.60	−24 40.7	1.651	2.544	13.1	21.2
5 11	16 50.15	−24 42.2	1.585	2.542	9.2	20.9
5 21	16 41.49	−24 37.3	1.541	2.539	4.9	20.7
5 31	16 31.60	−24 25.8	1.524	2.537	1.0	20.4
6 10	16 21.71	−24 9.2	1.533	2.535	4.7	20.7
6 20	16 13.01	−23 50.4	1.567	2.532	9.1	20.9
6 30	16 6.48	−23 32.8	1.625	2.530	13.1	21.1

44667 1999 RB_{179} 5 30.9 247°.91 4°.4/29.5 17

4 21	17 0.43	−12 36.5	1.719	2.531	16.3	19.7
5 1	16 56.63	−12 4.9	1.626	2.520	13.2	19.4
5 11	16 50.15	−11 35.1	1.554	2.508	9.6	19.2
5 21	16 41.51	−11 9.8	1.505	2.497	6.0	18.9
5 31	16 31.60	−10 52.3	1.482	2.485	4.5	18.8
6 10	16 21.60	−10 45.3	1.485	2.472	7.1	18.9
6 20	16 12.64	−10 50.3	1.513	2.459	11.0	19.1
6 30	16 5.69	−11 8.2	1.563	2.446	14.8	19.3

259032 2002 TZ_{225} 5 30.9 224°.96 1°.6/30.3 18

4 21	17 2.07	−18 10.4	2.186	2.980	13.9	21.6
5 1	16 57.38	−17 58.7	2.082	2.968	11.1	21.3
5 11	16 50.38	−17 45.5	2.001	2.955	7.8	21.1
5 21	16 41.53	−17 31.5	1.944	2.942	4.1	20.9
5 31	16 31.61	−17 17.8	1.916	2.928	1.6	20.7
6 10	16 21.58	−17 6.1	1.916	2.913	4.7	20.8
6 20	16 12.40	−16 58.1	1.943	2.897	8.5	21.0
6 30	16 4.91	−16 55.7	1.996	2.881	12.0	21.2

309170 2007 BT_{22} 5 30.9 62°.47 2°.2/30.1 18

4 21	16 56.39	−15 42.5	2.301	3.104	13.0	21.4
5 1	16 52.55	−15 29.7	2.219	3.110	10.3	21.3
5 11	16 46.78	−15 17.5	2.160	3.116	7.2	21.1
5 21	16 39.58	−15 7.0	2.127	3.123	4.0	20.9
5 31	16 31.64	−14 59.5	2.120	3.129	2.2	20.8
6 10	16 23.77	−14 56.4	2.142	3.136	4.6	20.9
6 20	16 16.75	−14 58.9	2.190	3.142	7.8	21.1
6 30	16 11.20	−15 7.7	2.263	3.149	10.7	21.3

286736 2002 GD_{130} 5 30.9 23°.55 2°.1/30.2 17

4 21	16 58.00	−20 40.5	1.288	2.125	19.3	20.6
5 1	16 55.42	−19 58.1	1.218	2.128	15.4	20.3
5 11	16 49.60	−19 9.0	1.166	2.133	10.7	20.1
5 21	16 41.25	−18 15.8	1.136	2.137	5.6	19.8
5 31	16 31.61	−17 22.3	1.130	2.142	2.1	19.6
6 10	16 22.19	−16 33.9	1.148	2.148	6.4	19.8
6 20	16 14.33	−15 55.2	1.189	2.154	11.4	20.1
6 30	16 9.07	−15 29.9	1.250	2.160	15.9	20.4

161643 2006 BS_{25} 5 30.9 31°.52 5°.0/ 1.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	17 1.30	−32 24.9	1.235	2.055	21.0	19.8
5 1	16 58.73	−32 49.3	1.167	2.060	17.3	19.5
5 11	16 52.30	−32 59.7	1.115	2.066	12.9	19.3
5 21	16 42.76	−32 51.6	1.084	2.073	8.2	19.0
5 31	16 31.59	−32 23.0	1.074	2.080	5.1	18.9
6 10	16 20.67	−31 36.4	1.089	2.087	7.0	19.0
6 20	16 11.67	−30 38.4	1.126	2.095	11.4	19.3
6 30	16 5.83	−29 37.7	1.183	2.103	15.8	19.5

368880 2006 RC_{88} 5 30.9 172°.90 0°.5/31.0 17

4 21	17 3.12	−23 52.0	2.026	2.819	14.8	22.6
5 1	16 58.34	−23 50.8	1.937	2.822	11.9	22.4
5 11	16 51.06	−23 44.6	1.871	2.824	8.3	22.2
5 21	16 41.85	−23 32.8	1.829	2.826	4.3	21.9
5 31	16 31.62	−23 15.7	1.814	2.828	0.5	21.6
6 10	16 21.45	−22 54.9	1.827	2.828	4.3	21.9
6 20	16 12.36	−22 33.2	1.868	2.829	8.3	22.2
6 30	16 5.21	−22 13.5	1.933	2.828	11.8	22.4

205583 2001 TD_{136} 5 30.9 257°.97 4°.6/ 1.2 17

4 21	17 4.58	−32 24.4	1.598	2.392	18.1	21.2
5 1	17 0.89	−32 46.8	1.497	2.375	15.1	20.9
5 11	16 53.72	−32 58.1	1.415	2.358	11.3	20.6
5 21	16 43.58	−32 54.0	1.355	2.341	7.3	20.3
5 31	16 31.59	−32 31.4	1.319	2.323	4.6	20.1
6 10	16 19.37	−31 50.9	1.309	2.305	6.5	20.2
6 20	16 8.51	−30 57.0	1.323	2.286	10.7	20.4
6 30	16 0.36	−29 57.2	1.360	2.267	15.1	20.6

324931 2007 WF_{56} 5 30.9 209°.91 1°.3/31.4 17

4 21	17 4.18	−27 4.4	2.059	2.844	14.9	21.8
5 1	16 59.30	−26 53.0	1.959	2.837	12.0	21.5
5 11	16 51.82	−26 33.3	1.880	2.830	8.5	21.3
5 21	16 42.29	−26 4.4	1.826	2.821	4.6	21.1
5 31	16 31.62	−25 26.6	1.799	2.812	1.3	20.8
6 10	16 20.96	−24 42.1	1.801	2.802	4.4	21.0
6 20	16 11.38	−23 54.9	1.830	2.791	8.4	21.2
6 30	16 3.77	−23 9.5	1.885	2.779	12.1	21.4

217209 2002 TM_{264} 5 30.9 276°.12 6°.2/27.2 18

4 21	17 0.75	−13 31.4	1.812	2.620	15.8	19.8
5 1	16 56.87	−11 42.6	1.701	2.592	12.9	19.6
5 11	16 50.35	− 9 45.6	1.612	2.563	9.6	19.3
5 21	16 41.66	− 7 45.7	1.548	2.533	6.8	19.1
5 31	16 31.64	− 5 50.5	1.512	2.502	6.4	19.0
6 10	16 21.42	− 4 8.2	1.504	2.471	9.1	19.1
6 20	16 12.11	− 2 45.4	1.520	2.440	12.9	19.2
6 30	16 4.71	− 1 46.4	1.559	2.408	16.6	19.4

343473 2010 EF_{71} 5 30.9 199°.42 2°.9/31.8 17

4 21	17 0.76	−29 18.8	2.030	2.820	14.9	21.2
5 1	16 56.70	−29 41.7	1.941	2.819	12.1	21.0
5 11	16 50.07	−29 57.4	1.873	2.819	8.8	20.8
5 21	16 41.42	−30 3.8	1.828	2.818	5.3	20.6
5 31	16 31.65	−29 59.5	1.810	2.817	2.9	20.4
6 10	16 21.88	−29 45.2	1.819	2.817	4.8	20.6
6 20	16 13.20	−29 23.5	1.855	2.816	8.3	20.8
6 30	16 6.48	−28 58.3	1.915	2.815	11.7	21.0

75761 2000 AC_{171} 5 30.9 250°.95 4°.4/29.4 18

4 21	16 59.73	−13 21.1	1.748	2.561	16.1	19.4
5 1	16 56.03	−12 39.9	1.655	2.549	13.0	19.2
5 11	16 49.71	−11 58.8	1.582	2.537	9.4	18.9
5 21	16 41.29	−11 20.9	1.533	2.525	5.9	18.7
5 31	16 31.65	−10 49.9	1.510	2.512	4.4	18.6
6 10	16 21.94	−10 29.1	1.513	2.499	7.0	18.7
6 20	16 13.25	−10 20.8	1.541	2.486	10.9	18.9
6 30	16 6.54	−10 26.2	1.591	2.473	14.6	19.1

410196 2007 RL_{150} 5 30.9 199°.17 2°.0/30.3 17

4 21	17 4.06	−16 44.0	2.012	2.807	14.9	22.2
5 1	16 59.08	−16 37.2	1.917	2.803	11.9	22.0
5 11	16 51.62	−16 30.4	1.844	2.798	8.4	21.7
5 21	16 42.19	−16 24.4	1.796	2.793	4.5	21.5
5 31	16 31.65	−16 20.2	1.776	2.787	2.0	21.3
6 10	16 21.06	−16 19.1	1.784	2.780	5.1	21.5
6 20	16 11.45	−16 22.6	1.819	2.772	9.0	21.7
6 30	16 3.71	−16 32.0	1.879	2.764	12.6	21.9

16112 Vitaris 5 30.9 273°.35 4°.4/29.6 18

4 21	16 59.42	−13 10.9	1.630	2.448	16.8	19.0
5 1	16 56.07	−12 38.3	1.535	2.433	13.6	18.7
5 11	16 49.92	−12 6.8	1.460	2.417	9.9	18.5
5 21	16 41.48	−11 39.4	1.408	2.401	6.1	18.2
5 31	16 31.66	−11 19.4	1.381	2.385	4.5	18.1
6 10	16 21.68	−11 9.9	1.380	2.369	7.2	18.2
6 20	16 12.76	−11 13.0	1.403	2.353	11.4	18.4
6 30	16 5.93	−11 29.5	1.448	2.337	15.4	18.6

140371 2001 TY_{30} 5 30.9 188.°86 3.°8/29.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 56.45	−11 28.5	2.473	3.270	12.4	20.4
5 1	16 52.45	−10 50.0	2.385	3.269	9.9	20.2
5 11	16 46.66	−10 13.2	2.320	3.268	7.3	20.0
5 21	16 39.53	− 9 40.4	2.281	3.267	4.8	19.9
5 31	16 31.70	− 9 14.1	2.269	3.266	3.9	19.8
6 10	16 23.91	− 8 56.5	2.285	3.264	5.6	19.9
6 20	16 16.88	− 8 48.8	2.328	3.263	8.3	20.1
6 30	16 11.19	− 8 51.7	2.395	3.260	11.0	20.2

331902 2004 PV_{86} 5 30.9 305.°71 0.°5/30.8 17

4 21	16 58.02	−20 48.0	1.605	2.426	16.9	20.5
5 1	16 55.24	−20 52.0	1.505	2.407	13.6	20.3
5 11	16 49.54	−20 53.8	1.426	2.388	9.6	20.0
5 21	16 41.38	−20 53.0	1.369	2.369	4.9	19.7
5 31	16 31.68	−20 50.0	1.337	2.351	0.5	19.3
6 10	16 21.74	−20 46.2	1.331	2.333	5.3	19.6
6 20	16 12.87	−20 43.6	1.349	2.315	10.2	19.8
6 30	16 6.19	−20 44.9	1.389	2.298	14.6	20.0

87392 2000 QB_{69} 5 30.9 173.°66 7.°3/27.9 18

4 21	16 58.72	− 2 45.4	2.171	2.957	14.2	19.6
5 1	16 54.43	− 1 45.7	2.093	2.959	11.9	19.5
5 11	16 48.12	− 0 53.2	2.037	2.961	9.5	19.3
5 21	16 40.30	− 0 12.2	2.005	2.963	7.7	19.2
5 31	16 31.71	+ 0 13.3	2.000	2.964	7.4	19.2
6 10	16 23.20	+ 0 20.9	2.020	2.964	8.7	19.3
6 20	16 15.56	+ 0 10.2	2.065	2.964	11.0	19.4
6 30	16 9.46	− 0 17.8	2.133	2.964	13.4	19.6

463177 2012 BK_{94} 5 30.9 67.°01 5.°0/29.6 17

4 21	17 0.54	−12 10.8	1.435	2.259	18.4	21.3
5 1	16 56.86	−11 34.7	1.372	2.272	14.7	21.1
5 11	16 50.27	−11 2.1	1.329	2.286	10.6	20.9
5 21	16 41.51	−10 36.5	1.308	2.300	6.7	20.7
5 31	16 31.70	−10 21.4	1.311	2.313	5.0	20.6
6 10	16 22.15	−10 19.0	1.339	2.327	7.6	20.8
6 20	16 14.04	−10 30.4	1.391	2.341	11.5	21.1
6 30	16 8.24	−10 55.1	1.465	2.355	15.2	21.3

174035 2002 AP_{86} 5 30.9 348.°35 5.°1/29.0 18

4 21	16 55.62	− 8 26.2	2.176	2.979	13.6	19.9
5 1	16 52.08	− 7 51.7	2.093	2.978	11.1	19.8
5 11	16 46.55	− 7 21.7	2.032	2.977	8.3	19.6
5 21	16 39.54	− 6 59.1	1.995	2.976	5.9	19.4
5 31	16 31.73	− 6 46.6	1.984	2.975	5.1	19.4
6 10	16 23.97	− 6 46.0	2.000	2.974	6.7	19.5
6 20	16 17.03	− 6 58.1	2.042	2.973	9.5	19.6
6 30	16 11.58	− 7 22.4	2.107	2.973	12.2	19.8

251890 1999 VE_{96} 5 30.9 274.°44 0.°5/31.0 17

4 21	17 1.07	−23 39.4	1.648	2.460	16.9	21.2
5 1	16 57.69	−23 39.9	1.545	2.440	13.7	21.0
5 11	16 51.26	−23 35.1	1.462	2.421	9.7	20.7
5 21	16 42.28	−23 24.1	1.402	2.401	5.1	20.4
5 31	16 31.70	−23 6.7	1.367	2.381	0.5	20.0
6 10	16 20.86	−22 44.7	1.359	2.361	5.2	20.3
6 20	16 11.13	−22 21.1	1.375	2.340	10.1	20.5
6 30	16 3.67	−22 0.3	1.414	2.320	14.6	20.7

159066 2004 TN_{177} 5 30.9 269.°60 1.°1/31.2 18

4 21	17 0.66	−24 49.8	1.977	2.776	15.0	20.6
5 1	16 56.82	−24 58.2	1.870	2.756	12.1	20.4
5 11	16 50.34	−25 1.7	1.783	2.737	8.6	20.1
5 21	16 41.69	−24 59.2	1.720	2.717	4.6	19.8
5 31	16 31.71	−24 50.1	1.684	2.697	1.1	19.5
6 10	16 21.52	−24 35.4	1.675	2.676	4.5	19.8
6 20	16 12.24	−24 17.4	1.692	2.655	8.8	20.0
6 30	16 4.88	−23 59.5	1.734	2.634	12.7	20.1

521403 2015 MF_{144} 5 30.9 354.°88 0.°8/31.3 16

4 21	16 56.64	−27 12.8	2.120	2.918	14.1	20.9
5 1	16 53.14	−26 39.4	2.030	2.917	11.3	20.7
5 11	16 47.40	−25 56.6	1.961	2.915	7.9	20.4
5 21	16 39.99	−25 5.0	1.917	2.914	4.2	20.2
5 31	16 31.74	−24 6.3	1.900	2.914	0.8	19.9
6 10	16 23.62	−23 3.9	1.911	2.913	4.0	20.2
6 20	16 16.50	−22 2.1	1.949	2.913	7.7	20.4
6 30	16 11.11	−21 5.1	2.012	2.913	11.2	20.6

76435 2000 FT_{25} 5 30.9 156.°02 0.°7/30.7 18

4 21	16 58.60	−20 21.8	2.109	2.912	14.0	20.0
5 1	16 54.65	−20 18.0	2.022	2.913	11.1	19.8
5 11	16 48.46	−20 11.9	1.956	2.914	7.7	19.6
5 21	16 40.56	−20 3.7	1.916	2.915	3.9	19.4
5 31	16 31.74	−19 54.3	1.902	2.915	0.7	19.1
6 10	16 22.95	−19 45.0	1.916	2.916	4.2	19.4
6 20	16 15.11	−19 37.6	1.956	2.917	8.0	19.6
6 30	16 8.96	−19 34.0	2.022	2.917	11.4	19.9

299732 2006 RN_{54} 5 30.9 185.°58 0.°4/31.1 18

4 21	16 58.50	−23 28.6	2.422	3.213	12.7	21.8
5 1	16 54.31	−23 30.5	2.329	3.213	10.1	21.6
5 11	16 48.09	−23 28.5	2.259	3.213	7.1	21.4
5 21	16 40.34	−23 22.4	2.215	3.213	3.7	21.2
5 31	16 31.75	−23 12.4	2.198	3.212	0.4	20.9
6 10	16 23.18	−22 59.7	2.210	3.211	3.6	21.2
6 20	16 15.45	−22 46.1	2.249	3.210	7.1	21.4
6 30	16 9.23	−22 33.8	2.314	3.209	10.2	21.6

504067 2005 YM_{176} 5 30.9 244.°02 3.°4/29.9 17

4 21	17 0.42	−12 57.3	2.076	2.875	14.3	22.1
5 1	16 56.19	−12 43.0	1.975	2.862	11.5	21.9
5 11	16 49.64	−12 31.1	1.896	2.848	8.3	21.6
5 21	16 41.23	−12 23.3	1.842	2.834	5.0	21.4
5 31	16 31.74	−12 21.3	1.815	2.820	3.4	21.3
6 10	16 22.12	−12 26.6	1.815	2.805	5.8	21.4
6 20	16 13.34	−12 40.2	1.843	2.790	9.3	21.6
6 30	16 6.23	−13 2.6	1.894	2.774	12.7	21.8

380075 2013 SR_{31} 5 30.9 273.°17 2.°9/31.4 18

4 21	17 3.85	−27 0.8	1.809	2.604	16.3	21.2
5 1	16 59.90	−27 41.7	1.698	2.581	13.3	21.0
5 11	16 52.88	−28 19.2	1.608	2.558	9.7	20.7
5 21	16 43.18	−28 50.2	1.541	2.534	5.8	20.4
5 31	16 31.71	−29 11.4	1.501	2.510	2.9	20.2
6 10	16 19.79	−29 21.8	1.487	2.485	5.5	20.3
6 20	16 8.81	−29 22.5	1.499	2.460	9.8	20.5
6 30	16 0.05	−29 17.0	1.534	2.435	14.0	20.7

142333 2002 RX_{187} 5 30.9 151.°25 0.°3/30.9 17

4 21	17 1.72	−22 57.5	1.686	2.495	16.7	20.2
5 1	16 57.78	−22 58.5	1.604	2.497	13.3	20.0
5 11	16 50.99	−22 54.9	1.541	2.499	9.3	19.7
5 21	16 41.97	−22 46.2	1.502	2.501	4.8	19.5
5 31	16 31.73	−22 32.6	1.489	2.503	0.3	19.1
6 10	16 21.56	−22 16.0	1.503	2.505	4.8	19.5
6 20	16 12.65	−21 59.2	1.542	2.506	9.3	19.8
6 30	16 5.97	−21 45.5	1.604	2.508	13.4	20.0

396037 2013 CP_{21} 5 30.9 114.°66 1.°8/30.2 17

4 21	16 57.05	−16 25.6	2.518	3.314	12.2	21.8
5 1	16 52.91	−16 15.0	2.435	3.322	9.6	21.7
5 11	16 46.97	−16 4.4	2.375	3.330	6.7	21.5
5 21	16 39.71	−15 54.9	2.341	3.338	3.7	21.3
5 31	16 31.76	−15 47.4	2.335	3.345	1.9	21.2
6 10	16 23.90	−15 43.4	2.358	3.352	4.1	21.4
6 20	16 16.81	−15 43.7	2.407	3.360	7.2	21.6
6 30	16 11.09	−15 49.4	2.483	3.367	10.0	21.8

39027 2000 UR_{66} 5 30.9 273.°48 0.°4/30.7 18

4 21	17 0.86	−23 24.9	1.582	2.397	17.4	18.9
5 1	16 57.59	−22 58.5	1.479	2.377	14.0	18.6
5 11	16 51.23	−22 23.7	1.396	2.356	9.9	18.3
5 21	16 42.28	−21 40.5	1.336	2.336	5.1	18.0
5 31	16 31.73	−20 50.6	1.300	2.314	0.5	17.6
6 10	16 20.98	−19 57.9	1.291	2.293	5.5	17.9
6 20	16 11.39	−19 7.4	1.307	2.271	10.7	18.1
6 30	16 4.14	−18 24.6	1.345	2.249	15.3	18.3

501882 2014 WL_{397} 5 30.9 249.°08 5.°5/29.1 17

4 21	17 1.37	−10 51.3	1.704	2.514	16.6	22.1
5 1	16 57.48	−10 5.3	1.607	2.498	13.5	21.9
5 11	16 50.85	− 9 21.0	1.531	2.481	10.1	21.6
5 21	16 41.97	− 8 42.4	1.477	2.464	6.8	21.4
5 31	16 31.74	− 8 13.5	1.450	2.446	5.6	21.3
6 10	16 21.34	− 7 58.0	1.448	2.428	8.0	21.4
6 20	16 11.95	− 7 58.2	1.470	2.409	11.9	21.6
6 30	16 4.59	− 8 14.5	1.515	2.390	15.6	21.7

347792 2002 GG_{119} 5 30.9 92.°52 6.°4/ 2.0 18

4 21	17 8.71	−40 51.2	2.674	3.396	13.3	21.6
5 1	17 2.65	−42 6.8	2.603	3.420	11.3	21.4
5 11	16 54.04	−43 11.8	2.553	3.443	9.2	21.3
5 21	16 43.43	−44 1.6	2.529	3.466	7.4	21.2
5 31	16 31.73	−44 33.0	2.531	3.489	6.4	21.2
6 10	16 20.05	−44 45.0	2.561	3.511	6.8	21.3
6 20	16 9.46	−44 39.7	2.617	3.533	8.3	21.4
6 30	16 0.83	−44 21.2	2.699	3.554	10.2	21.6

443751 2015 MU_{6} 5 30.9 306.°92 0.°5/30.7 16

4 21	16 56.22	−22 53.2	2.254	3.056	13.3	21.4
5 1	16 52.65	−22 24.8	2.160	3.051	10.5	21.2
5 11	16 47.02	−21 50.8	2.088	3.045	7.3	21.0
5 21	16 39.81	−21 12.0	2.041	3.040	3.7	20.7
5 31	16 31.78	−20 30.1	2.022	3.036	0.5	20.4
6 10	16 23.79	−19 47.8	2.030	3.031	4.0	20.7
6 20	16 16.67	−19 8.0	2.066	3.026	7.6	20.9
6 30	16 11.12	−18 33.8	2.126	3.022	10.9	21.1

226336 2003 FX_{47} 5 30.9 117°.84 4°.1/ 1.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	17 5.21	−32 19.7	1.991	2.766	15.6	21.3
5 1	17 0.24	−32 51.6	1.914	2.780	12.8	21.1
5 11	16 52.51	−33 14.2	1.857	2.794	9.5	20.9
5 21	16 42.67	−33 24.3	1.825	2.807	6.2	20.7
5 31	16 31.75	−33 20.1	1.819	2.820	4.1	20.6
6 10	16 20.98	−33 2.3	1.840	2.832	5.4	20.7
6 20	16 11.52	−32 34.1	1.888	2.844	8.5	20.9
6 30	16 4.24	−32 0.3	1.960	2.855	11.7	21.2

423852 2006 QW_{115} 5 30.9 288°.75 1°.4/31.3 17

4 21	17 0.23	−26 4.0	1.551	2.366	17.7	21.7
5 1	16 57.35	−26 3.7	1.446	2.342	14.4	21.5
5 11	16 51.25	−25 55.3	1.360	2.318	10.3	21.2
5 21	16 42.39	−25 37.3	1.296	2.294	5.6	20.8
5 31	16 31.75	−25 9.0	1.256	2.269	1.4	20.5
6 10	16 20.78	−24 32.5	1.242	2.245	5.5	20.7
6 20	16 10.96	−23 52.0	1.252	2.220	10.6	20.9
6 30	16 3.58	−23 13.0	1.284	2.196	15.4	21.1

472143 2014 CK_{2} 5 30.9 187°.34 2°.0/31.7 18

4 21	17 1.13	−28 33.7	2.433	3.211	13.1	22.5
5 1	16 56.49	−28 42.9	2.338	3.210	10.5	22.3
5 11	16 49.66	−28 45.5	2.265	3.209	7.6	22.2
5 21	16 41.17	−28 40.2	2.217	3.208	4.4	21.9
5 31	16 31.77	−28 26.3	2.197	3.206	2.1	21.8
6 10	16 22.39	−28 5.2	2.206	3.204	4.0	21.9
6 20	16 13.91	−27 38.9	2.242	3.201	7.2	22.1
6 30	16 7.07	−27 10.9	2.304	3.198	10.2	22.3

376339 2011 HJ_{14} 5 30.9 98°.05 4°.8/28.8 17

4 21	16 58.47	−12 30.0	1.877	2.687	15.2	21.3
5 1	16 54.54	−11 27.7	1.805	2.696	12.2	21.1
5 11	16 48.34	−10 26.0	1.754	2.706	8.9	20.9
5 21	16 40.47	− 9 28.8	1.728	2.715	5.9	20.7
5 31	16 31.78	− 8 40.3	1.728	2.725	4.9	20.7
6 10	16 23.28	− 8 4.1	1.754	2.734	7.0	20.8
6 20	16 15.86	− 7 42.3	1.806	2.743	10.2	21.0
6 30	16 10.23	− 7 35.6	1.881	2.752	13.3	21.2

353522 2011 SW_{128} 5 30.9 188°.03 1°.4/30.2 18

4 21	16 57.16	−17 54.4	2.883	3.671	11.0	22.6
5 1	16 52.82	−17 38.7	2.788	3.671	8.7	22.4
5 11	16 46.84	−17 21.8	2.716	3.669	6.1	22.3
5 21	16 39.64	−17 4.5	2.671	3.668	3.2	22.1
5 31	16 31.80	−16 47.9	2.655	3.666	1.4	21.9
6 10	16 23.99	−16 33.5	2.668	3.663	3.7	22.1
6 20	16 16.83	−16 22.5	2.709	3.660	6.5	22.3
6 30	16 10.88	−16 16.3	2.776	3.657	9.1	22.4

507012 2008 TY_{164} 5 30.9 323°.18 0°.1/30.9 17

4 21	16 57.92	−21 58.7	1.637	2.456	16.7	21.1
5 1	16 55.02	−22 7.4	1.546	2.446	13.4	20.9
5 11	16 49.27	−22 13.1	1.475	2.437	9.4	20.6
5 21	16 41.21	−22 15.3	1.427	2.427	4.8	20.3
5 31	16 31.78	−22 13.9	1.405	2.418	0.1	19.9
6 10	16 22.25	−22 10.1	1.407	2.410	5.0	20.3
6 20	16 13.85	−22 6.0	1.435	2.402	9.6	20.5
6 30	16 7.62	−22 4.3	1.485	2.395	13.8	20.7

250530 2004 PM_{79} 5 30.9 248°.20 4°.2/ 1.9 18

4 21	17 0.29	−36 48.9	2.856	3.604	12.0	21.2
5 1	16 55.77	−37 4.0	2.744	3.589	10.0	21.0
5 11	16 49.16	−37 9.5	2.655	3.574	7.8	20.8
5 21	16 40.93	−37 3.0	2.590	3.558	5.6	20.7
5 31	16 31.79	−36 43.3	2.552	3.542	4.2	20.6
6 10	16 22.59	−36 10.8	2.543	3.525	4.9	20.6
6 20	16 14.18	−35 28.0	2.561	3.509	7.0	20.7
6 30	16 7.30	−34 38.6	2.605	3.492	9.5	20.8

211099 2002 EF_{108} 5 30.9 185°.99 2°.5/30.2 17

4 21	17 2.65	−17 0.3	1.728	2.537	16.4	21.0
5 1	16 58.34	−16 39.2	1.643	2.537	13.1	20.8
5 11	16 51.29	−16 17.1	1.579	2.536	9.2	20.5
5 21	16 42.12	−15 55.4	1.538	2.536	5.0	20.3
5 31	16 31.78	−15 36.1	1.524	2.534	2.5	20.1
6 10	16 21.47	−15 21.7	1.537	2.532	5.7	20.3
6 20	16 12.34	−15 14.2	1.575	2.530	10.0	20.5
6 30	16 5.32	−15 15.5	1.636	2.527	13.8	20.8

504746 2009 WJ_{25} 5 30.9 252°.38 10°.3/ 4.9 18 R

4 21	17 17.05	−54 3.3	2.468	3.121	15.8	21.7
5 1	17 10.65	−54 46.2	2.352	3.098	14.4	21.5
5 11	17 0.41	−55 11.0	2.253	3.073	12.9	21.4
5 21	16 46.98	−55 10.5	2.175	3.048	11.4	21.2
5 31	16 31.72	−54 38.4	2.119	3.022	10.5	21.1
6 10	16 16.48	−53 33.1	2.088	2.996	10.5	21.0
6 20	16 3.01	−51 58.0	2.083	2.968	11.5	21.1
6 30	15 52.65	−50 1.3	2.101	2.940	13.3	21.1

373566 2001 XG_{57} 5 30.9 180°.42 0°.3/31.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	17 1.48	−24 39.1	2.179	2.969	14.0	21.1
5 1	16 56.86	−24 18.4	2.088	2.971	11.2	20.9
5 11	16 49.96	−23 51.1	2.018	2.971	7.8	20.6
5 21	16 41.33	−23 17.3	1.974	2.972	4.0	20.4
5 31	16 31.80	−22 38.3	1.957	2.971	0.3	20.1
6 10	16 22.35	−21 56.4	1.969	2.970	4.0	20.4
6 20	16 13.92	−21 15.2	2.009	2.969	7.8	20.6
6 30	16 7.25	−20 37.9	2.074	2.967	11.2	20.8

469531 2003 SK_{253} 5 30.9 270°.57 1°.0/30.6 18

4 21	16 59.56	−20 23.0	2.131	2.931	14.0	22.6
5 1	16 55.65	−20 9.0	2.018	2.908	11.2	22.3
5 11	16 49.38	−19 51.7	1.927	2.884	7.9	22.1
5 21	16 41.18	−19 31.4	1.860	2.859	4.1	21.8
5 31	16 31.80	−19 9.3	1.821	2.834	1.0	21.5
6 10	16 22.21	−18 47.2	1.810	2.809	4.6	21.7
6 20	16 13.42	−18 27.6	1.825	2.783	8.6	21.9
6 30	16 6.30	−18 13.2	1.865	2.757	12.3	22.1

358255 2006 TN_{33} 5 30.9 203°.30 1°.2/30.3 18

4 21	16 57.41	−18 55.0	3.009	3.794	10.6	23.3
5 1	16 52.96	−18 34.1	2.907	3.789	8.4	23.1
5 11	16 46.92	−18 11.1	2.830	3.783	5.9	22.9
5 21	16 39.69	−17 46.8	2.779	3.776	3.1	22.7
5 31	16 31.82	−17 22.4	2.758	3.769	1.2	22.6
6 10	16 23.95	−16 59.6	2.766	3.762	3.5	22.7
6 20	16 16.71	−16 39.9	2.803	3.754	6.3	22.9
6 30	16 10.64	−16 24.9	2.866	3.745	8.9	23.1

262189 2006 SF_{145} 5 30.9 128°.31 0°.7/31.1 17

4 21	17 3.32	−24 15.6	1.821	2.621	16.0	22.2
5 1	16 58.75	−24 18.4	1.743	2.631	12.8	22.0
5 11	16 51.49	−24 15.9	1.686	2.641	8.9	21.7
5 21	16 42.16	−24 7.2	1.652	2.650	4.7	21.5
5 31	16 31.79	−23 52.5	1.646	2.659	0.8	21.2
6 10	16 21.57	−23 33.5	1.666	2.668	4.5	21.5
6 20	16 12.60	−23 12.9	1.713	2.676	8.7	21.8
6 30	16 5.76	−22 54.4	1.784	2.684	12.4	22.0

248957 2006 XE_{52} 5 30.9 289°.18 1°.0/30.6 18

4 21	16 58.30	−18 5.7	2.227	3.028	13.4	20.2
5 1	16 54.38	−18 17.0	2.131	3.020	10.7	20.0
5 11	16 48.32	−18 28.7	2.056	3.012	7.5	19.8
5 21	16 40.55	−18 40.9	2.006	3.005	3.9	19.6
5 31	16 31.81	−18 53.7	1.984	2.997	1.0	19.3
6 10	16 22.99	−19 7.5	1.990	2.990	4.2	19.5
6 20	16 14.97	−19 23.2	2.023	2.982	7.8	19.8
6 30	16 8.52	−19 41.6	2.081	2.975	11.2	20.0

60099 1999 TW_{173} 5 30.9 267°.59 1°.7/30.3 18 R

4 21	16 58.49	−18 23.3	1.966	2.774	14.7	19.0
5 1	16 54.83	−18 7.0	1.870	2.764	11.7	18.8
5 11	16 48.78	−17 48.7	1.795	2.753	8.2	18.5
5 21	16 40.84	−17 29.6	1.744	2.743	4.4	18.3
5 31	16 31.81	−17 11.2	1.720	2.732	1.8	18.1
6 10	16 22.71	−16 55.6	1.723	2.721	5.0	18.3
6 20	16 14.54	−16 44.8	1.752	2.710	8.9	18.5
6 30	16 8.16	−16 40.9	1.805	2.699	12.6	18.7

123276 2000 UO_{93} 5 30.9 168°.20 3°.7/ 1.3 18

4 21	17 0.48	−32 38.7	2.461	3.231	13.2	20.3
5 1	16 56.11	−33 11.5	2.369	3.232	10.8	20.1
5 11	16 49.50	−33 36.7	2.299	3.233	8.1	19.9
5 21	16 41.14	−33 51.8	2.254	3.234	5.4	19.8
5 31	16 31.81	−33 55.3	2.236	3.234	3.7	19.6
6 10	16 22.47	−33 47.3	2.245	3.235	4.8	19.7
6 20	16 14.04	−33 29.8	2.282	3.235	7.4	19.9
6 30	16 7.29	−33 6.1	2.344	3.236	10.2	20.1

148079 1999 AZ_{13} 5 30.9 151°.10 0°.1/30.9 17

4 21	17 1.42	−22 13.2	1.852	2.656	15.6	20.6
5 1	16 57.23	−22 8.9	1.768	2.659	12.5	20.4
5 11	16 50.44	−22 0.4	1.706	2.663	8.7	20.2
5 21	16 41.66	−21 47.8	1.667	2.666	4.4	19.9
5 31	16 31.80	−21 31.6	1.655	2.669	0.2	19.6
6 10	16 22.03	−21 13.7	1.671	2.672	4.5	19.9
6 20	16 13.41	−20 56.7	1.712	2.675	8.8	20.2
6 30	16 6.80	−20 43.4	1.778	2.677	12.5	20.4

276822 2004 PL_{91} 5 30.9 232°.66 0°.1/30.9 18

4 21	17 1.63	−21 29.9	2.434	3.220	12.8	21.5
5 1	16 56.92	−21 33.6	2.324	3.205	10.3	21.3
5 11	16 50.04	−21 34.9	2.237	3.190	7.2	21.1
5 21	16 41.43	−21 33.4	2.176	3.174	3.7	20.8
5 31	16 31.81	−21 29.2	2.144	3.158	0.1	20.5
6 10	16 22.05	−21 23.2	2.140	3.140	3.9	20.8
6 20	16 13.04	−21 16.8	2.165	3.122	7.5	21.0
6 30	16 5.55	−21 12.2	2.215	3.104	10.8	21.2

288689 2004 PD_{107} 5 30.9 294°.27 3°.2/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 57.08	−12 39.3	2.280	3.081	13.2	20.5
5 1	16 53.43	−12 30.3	2.170	3.057	10.6	20.3
5 11	16 47.69	−12 24.1	2.081	3.033	7.7	20.0
5 21	16 40.27	−12 22.1	2.017	3.009	4.7	19.8
5 31	16 31.83	−12 25.8	1.981	2.985	3.2	19.7
6 10	16 23.19	−12 36.6	1.972	2.961	5.4	19.8
6 20	16 15.22	−12 55.1	1.989	2.937	8.7	19.9
6 30	16 8.70	−13 21.7	2.032	2.914	11.9	20.1

332105 2005 UC_{234} 5 30.9 323°.30 2°.6/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 56.45	−17 28.6	1.470	2.302	17.6	20.4
5 1	16 54.07	−17 7.8	1.382	2.289	14.2	20.1
5 11	16 48.73	−16 45.4	1.313	2.277	10.0	19.8
5 21	16 40.99	−16 23.2	1.266	2.266	5.4	19.5
5 31	16 31.82	−16 3.6	1.244	2.255	2.6	19.3
6 10	16 22.56	−15 49.7	1.246	2.244	6.3	19.5
6 20	16 14.48	−15 43.9	1.271	2.234	11.0	19.8
6 30	16 8.67	−15 48.2	1.318	2.225	15.4	20.0

443338 2014 GZ_{7} 5 30.9 293°.25 1°.3/30.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 57.66	−17 22.2	2.286	3.087	13.1	20.3
5 1	16 53.82	−17 29.6	2.189	3.079	10.5	20.1
5 11	16 47.89	−17 37.6	2.114	3.070	7.3	19.9
5 21	16 40.34	−17 46.6	2.064	3.062	3.8	19.7
5 31	16 31.85	−17 56.9	2.042	3.054	1.3	19.5
6 10	16 23.29	−18 9.1	2.047	3.046	4.2	19.7
6 20	16 15.49	−18 24.0	2.080	3.038	7.7	19.9
6 30	16 9.21	−18 42.3	2.138	3.030	11.0	20.0

356456 2011 OT_{16} 5 30.9 147°.99 8°.2/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 56.00	+ 9 40.7	3.204	3.930	11.2	22.3
5 1	16 51.57	+10 45.8	3.142	3.941	10.0	22.2
5 11	16 45.80	+11 39.9	3.102	3.951	9.0	22.1
5 21	16 39.06	+12 19.3	3.085	3.961	8.3	22.1
5 31	16 31.86	+12 41.4	3.094	3.971	8.3	22.1
6 10	16 24.76	+12 44.8	3.127	3.979	9.0	22.2
6 20	16 18.27	+12 29.9	3.184	3.988	10.0	22.3
6 30	16 12.82	+11 58.2	3.262	3.995	11.2	22.4

103916 2000 DL_{61} 5 30.9 161°.01 1°.5/30.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 58.12	−18 38.8	2.050	2.856	14.3	20.3
5 1	16 54.32	−18 23.0	1.963	2.856	11.3	20.1
5 11	16 48.28	−18 5.4	1.898	2.856	7.9	19.9
5 21	16 40.52	−17 46.8	1.858	2.857	4.1	19.7
5 31	16 31.85	−17 28.9	1.845	2.857	1.6	19.5
6 10	16 23.23	−17 13.6	1.859	2.857	4.6	19.7
6 20	16 15.55	−17 2.8	1.899	2.857	8.4	20.0
6 30	16 9.59	−16 58.2	1.964	2.857	11.8	20.2

346685 2008 YF_{82} 5 30.9 177°.63 1°.8/31.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 0.51	−28 2.9	2.332	3.116	13.4	22.2
5 1	16 56.07	−28 6.6	2.241	3.117	10.8	22.0
5 11	16 49.42	−28 3.4	2.170	3.118	7.7	21.8
5 21	16 41.09	−27 52.2	2.125	3.118	4.4	21.6
5 31	16 31.85	−27 33.0	2.108	3.118	1.8	21.4
6 10	16 22.67	−27 7.0	2.119	3.118	3.9	21.6
6 20	16 14.42	−26 36.9	2.157	3.118	7.3	21.8
6 30	16 7.86	−26 6.0	2.220	3.117	10.5	22.0

126075 2001 YC_{86} 5 30.9 150°.11 0°.5/31.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 1.30	−23 31.5	1.955	2.754	15.1	20.0
5 1	16 57.04	−23 35.1	1.870	2.758	12.0	19.8
5 11	16 50.27	−23 34.3	1.806	2.762	8.4	19.6
5 21	16 41.58	−23 28.5	1.767	2.765	4.4	19.3
5 31	16 31.85	−23 17.9	1.755	2.768	0.5	19.0
6 10	16 22.18	−23 3.7	1.770	2.771	4.3	19.3
6 20	16 13.60	−22 48.5	1.811	2.774	8.3	19.6
6 30	16 6.96	−22 35.0	1.877	2.776	11.9	19.8

212820 2007 UJ_{14} 5 30.9 258°.38 0°.9/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 1.86	−20 26.9	1.633	2.446	17.0	21.2
5 1	16 58.22	−20 19.6	1.535	2.431	13.7	20.9
5 11	16 51.59	−20 9.2	1.457	2.416	9.6	20.7
5 21	16 42.47	−19 55.8	1.401	2.401	5.0	20.4
5 31	16 31.84	−19 40.2	1.372	2.385	1.0	20.0
6 10	16 21.00	−19 24.4	1.368	2.369	5.4	20.3
6 20	16 11.29	−19 11.3	1.390	2.353	10.3	20.5
6 30	16 3.83	−19 3.9	1.434	2.336	14.7	20.7

509775 2008 UD_{113} 5 30.9 219°.33 2°.2/31.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 1.75	−28 27.2	2.337	3.117	13.5	22.8
5 1	16 57.19	−28 41.2	2.236	3.109	10.9	22.6
5 11	16 50.31	−28 48.8	2.156	3.101	7.9	22.4
5 21	16 41.60	−28 48.4	2.101	3.092	4.6	22.2
5 31	16 31.85	−28 39.1	2.074	3.083	2.2	22.0
6 10	16 22.03	−28 21.7	2.075	3.074	4.2	22.1
6 20	16 13.11	−27 58.4	2.104	3.064	7.6	22.3
6 30	16 5.89	−27 32.6	2.158	3.053	10.8	22.5

426209 2012 KG_{39} 5 30.9 315°.42 4°.5/29.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 55.47	−14 24.3	1.419	2.255	18.0	21.3
5 1	16 53.44	−13 45.6	1.326	2.234	14.6	21.0
5 11	16 48.43	−13 6.3	1.251	2.214	10.5	20.7
5 21	16 40.91	−12 29.8	1.198	2.194	6.4	20.4
5 31	16 31.85	−12 0.2	1.169	2.175	4.6	20.2
6 10	16 22.57	−11 41.9	1.163	2.156	7.7	20.3
6 20	16 14.41	−11 37.6	1.181	2.138	12.3	20.5
6 30	16 8.53	−11 48.9	1.218	2.121	16.7	20.8

507486 2012 UZ_{10} 5 30.9 221°.07 0°.9/31.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 0.23	−24 12.2	2.170	2.964	14.0	22.2
5 1	16 56.05	−24 23.8	2.076	2.960	11.2	22.0
5 11	16 49.55	−24 31.5	2.003	2.956	7.9	21.8
5 21	16 41.22	−24 34.2	1.954	2.951	4.2	21.6
5 31	16 31.85	−24 31.8	1.933	2.947	0.9	21.3
6 10	16 22.46	−24 24.9	1.940	2.942	4.0	21.6
6 20	16 13.97	−24 15.5	1.974	2.936	7.8	21.8
6 30	16 7.23	−24 6.1	2.033	2.931	11.2	22.0

141438 2002 CC_{29} 5 30.9 156°.04 2°.8/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 57.55	−12 53.5	2.521	3.315	12.2	20.1
5 1	16 53.34	−12 44.0	2.435	3.318	9.8	20.0
5 11	16 47.32	−12 36.9	2.370	3.321	7.0	19.8
5 21	16 39.95	−12 33.3	2.332	3.324	4.2	19.6
5 31	16 31.87	−12 34.4	2.321	3.326	2.8	19.5
6 10	16 23.82	−12 41.3	2.339	3.328	4.7	19.7
6 20	16 16.51	−12 54.6	2.385	3.330	7.6	19.8
6 30	16 10.55	−13 14.4	2.455	3.332	10.3	20.0

51289 2000 KK_{21} 5 30.9 210°.65 0°.9/31.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 0.64	−23 52.7	2.503	3.288	12.6	19.1
5 1	16 56.06	−24 13.7	2.404	3.283	10.1	18.9
5 11	16 49.39	−24 31.9	2.327	3.278	7.1	18.7
5 21	16 41.09	−24 46.3	2.276	3.272	3.8	18.5
5 31	16 31.86	−24 56.1	2.254	3.267	0.9	18.3
6 10	16 22.57	−25 1.6	2.260	3.261	3.6	18.5
6 20	16 14.04	−25 4.0	2.294	3.254	7.0	18.7
6 30	16 7.01	−25 5.1	2.355	3.247	10.1	18.9

41623 2000 SN_{167} 5 30.9 173°.18 3°.1/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 59.83	−15 7.1	2.447	3.239	12.6	19.2
5 1	16 55.13	−14 17.2	2.359	3.242	10.1	19.1
5 11	16 48.54	−13 25.8	2.294	3.245	7.2	18.9
5 21	16 40.56	−12 35.4	2.256	3.247	4.3	18.7
5 31	16 31.87	−11 48.8	2.246	3.249	3.1	18.6
6 10	16 23.28	−11 8.8	2.265	3.250	5.2	18.8
6 20	16 15.52	−10 37.7	2.311	3.250	8.1	18.9
6 30	16 9.22	−10 17.2	2.383	3.250	11.0	19.1

221019 Raine 5 30.9 276°.01 1°.3/30.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 0.18	−19 53.7	1.763	2.575	16.0	21.6
5 1	16 56.70	−19 40.3	1.658	2.553	12.9	21.3
5 11	16 50.45	−19 23.6	1.572	2.532	9.1	21.0
5 21	16 41.88	−19 4.2	1.510	2.510	4.7	20.7
5 31	16 31.87	−18 43.4	1.474	2.487	1.3	20.4
6 10	16 21.62	−18 23.4	1.465	2.465	5.3	20.6
6 20	16 12.33	−18 7.0	1.481	2.442	10.0	20.8
6 30	16 5.07	−17 57.1	1.520	2.419	14.2	21.0

30766 1981 UX_{22} 5 30.9 227°.11 0°.3/31.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 59.76	−22 12.7	2.438	3.228	12.7	19.0
5 1	16 55.40	−22 27.9	2.338	3.221	10.2	18.8
5 11	16 48.96	−22 41.1	2.261	3.214	7.1	18.6
5 21	16 40.89	−22 51.5	2.209	3.207	3.7	18.4
5 31	16 31.88	−22 58.8	2.186	3.200	0.3	18.1
6 10	16 22.80	−23 3.4	2.191	3.192	3.7	18.4
6 20	16 14.49	−23 6.5	2.224	3.184	7.2	18.6
6 30	16 7.68	−23 9.8	2.283	3.176	10.3	18.8

403779 2011 QX_{68} 5 30.9 301°.61 3°.2/30.1 14 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 57.89	−17 21.7	1.208	2.051	20.0	22.6
5 1	16 56.32	−16 57.9	1.106	2.019	16.3	22.2
5 11	16 51.14	−16 31.2	1.021	1.987	11.8	21.9
5 21	16 42.66	−16 3.8	0.955	1.955	6.6	21.5
5 31	16 31.86	−15 38.7	0.912	1.923	3.3	21.1
6 10	16 20.37	−15 19.9	0.892	1.892	7.8	21.3
6 20	16 9.99	−15 11.7	0.893	1.860	13.9	21.5
6 30	16 2.39	−15 17.6	0.913	1.829	19.6	21.7

247445 2002 EP_{154} 5 30.9 133°.08 5°.1/ 2.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 1.67	−38 21.7	2.634	3.380	13.0	20.7
5 1	16 57.00	−38 54.1	2.547	3.386	10.9	20.6
5 11	16 50.08	−39 16.1	2.481	3.392	8.6	20.4
5 21	16 41.44	−39 24.8	2.438	3.398	6.4	20.3
5 31	16 31.89	−39 18.4	2.423	3.404	5.1	20.2
6 10	16 22.40	−38 57.3	2.435	3.409	5.6	20.2
6 20	16 13.89	−38 23.9	2.473	3.415	7.6	20.4
6 30	16 7.11	−37 42.3	2.537	3.420	9.8	20.5

281463 2008 SR_{166} 5 30.9 150°.39 3°.5/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 58.97	−13 17.0	2.324	3.120	13.1	21.1
5 1	16 54.55	−12 37.7	2.242	3.127	10.5	20.9
5 11	16 48.19	−11 59.2	2.184	3.134	7.5	20.7
5 21	16 40.42	−11 23.7	2.151	3.141	4.7	20.6
5 31	16 31.93	−10 53.7	2.146	3.147	3.5	20.5
6 10	16 23.54	−10 31.5	2.168	3.152	5.5	20.6
6 20	16 16.02	−10 18.7	2.218	3.158	8.4	20.8
6 30	16 10.00	−10 16.2	2.293	3.162	11.2	21.0

418023 2007 UF_{78} 5 30.9 265°.55 0°.6/30.7 17

4 21	17 0.99	−23 17.4	1.566	2.381	17.5	21.5
5 1	16 57.66	−22 47.0	1.469	2.367	14.1	21.2
5 11	16 51.25	−22 8.1	1.392	2.353	9.9	20.9
5 21	16 42.32	−21 21.0	1.338	2.338	5.1	20.6
5 31	16 31.91	−20 28.0	1.309	2.323	0.6	20.2
6 10	16 21.39	−19 33.0	1.306	2.308	5.5	20.5
6 20	16 12.11	−18 41.4	1.328	2.292	10.6	20.8
6 30	16 5.19	−17 58.4	1.372	2.276	15.1	21.0

518777 2009 WU_{270} 5 30.9 86°.43 0°.1/30.9 17

4 21	17 0.46	−25 38.8	1.798	2.602	16.0	20.7
5 1	16 56.48	−24 51.1	1.717	2.608	12.8	20.5
5 11	16 49.89	−23 53.3	1.657	2.615	8.9	20.3
5 21	16 41.37	−22 46.6	1.622	2.621	4.5	20.0
5 31	16 31.92	−21 34.0	1.613	2.627	0.1	19.7
6 10	16 22.71	−20 20.3	1.632	2.633	4.6	20.1
6 20	16 14.76	−19 10.8	1.677	2.640	8.9	20.3
6 30	16 8.89	−18 10.4	1.747	2.646	12.7	20.6

420002 2011 CV_{47} 5 30.9 48°.66 6°.0/ 2.7 17

4 21	17 3.47	−38 2.3	1.504	2.290	19.4	20.2
5 1	16 59.73	−38 7.6	1.441	2.308	16.1	20.0
5 11	16 52.53	−37 54.3	1.395	2.327	12.4	19.8
5 21	16 42.79	−37 18.7	1.370	2.346	8.7	19.6
5 31	16 31.91	−36 20.4	1.370	2.365	6.1	19.5
6 10	16 21.55	−35 3.4	1.394	2.385	7.0	19.6
6 20	16 13.07	−33 35.2	1.443	2.405	10.1	19.9
6 30	16 7.40	−32 5.0	1.515	2.425	13.6	20.1

192776 1999 UQ_{16} 5 30.9 211°.63 2°.0/29.9 18

4 21	16 59.44	−17 54.0	2.590	3.379	12.1	21.3
5 1	16 54.86	−17 17.5	2.488	3.371	9.6	21.1
5 11	16 48.42	−16 38.2	2.410	3.363	6.7	20.9
5 21	16 40.57	−15 57.6	2.358	3.354	3.7	20.7
5 31	16 31.94	−15 17.8	2.335	3.344	2.0	20.6
6 10	16 23.32	−14 41.2	2.341	3.333	4.4	20.7
6 20	16 15.43	−14 10.1	2.375	3.322	7.5	20.9
6 30	16 8.92	−13 46.7	2.435	3.311	10.4	21.1

361518 2007 FD 5 30.9 246°.06 1°.6/30.3 17

4 21	17 9.62	−19 28.2	2.291	3.064	13.9	22.1
5 1	17 3.55	−18 58.4	2.162	3.035	11.3	21.9
5 11	16 54.90	−18 23.9	2.055	3.004	8.0	21.6
5 21	16 44.10	−17 45.1	1.975	2.971	4.3	21.3
5 31	16 31.92	−17 3.6	1.925	2.936	1.7	21.1
6 10	16 19.39	−16 21.9	1.905	2.899	5.0	21.2
6 20	16 7.61	−15 43.4	1.914	2.861	9.1	21.4
6 30	15 57.56	−15 11.6	1.951	2.820	12.9	21.6

191835 2004 VU_{10} 5 30.9 320°.47 12°.5/31.9 17

4 21	17 2.82	−43 24.9	1.504	2.274	20.1	19.5
5 1	17 1.04	−45 24.1	1.408	2.250	17.9	19.2
5 11	16 55.03	−47 13.3	1.329	2.226	15.5	19.0
5 21	16 44.95	−48 42.3	1.269	2.202	13.5	18.8
5 31	16 31.89	−49 40.3	1.231	2.180	12.5	18.7
6 10	16 17.91	−50 0.9	1.213	2.158	13.2	18.7
6 20	16 5.38	−49 44.6	1.217	2.137	15.4	18.7
6 30	15 56.40	−48 58.9	1.239	2.116	18.2	18.8

392933 2012 VV_{108} 5 30.9 99°.54 1°.8/31.7 17

4 21	17 0.32	−27 37.6	2.361	3.145	13.3	21.5
5 1	16 55.79	−27 48.9	2.283	3.159	10.6	21.4
5 11	16 49.15	−27 54.1	2.226	3.173	7.6	21.2
5 21	16 40.93	−27 52.1	2.195	3.188	4.3	21.0
5 31	16 31.94	−27 42.5	2.191	3.201	1.8	20.9
6 10	16 23.08	−27 26.6	2.216	3.215	3.8	21.0
6 20	16 15.20	−27 6.5	2.268	3.229	7.0	21.2
6 30	16 8.97	−26 45.2	2.345	3.242	10.0	21.5

171757 2000 YK_{59} 5 30.9 69°.76 0°.9/31.2 17

4 21	17 2.41	−24 42.0	1.447	2.265	18.6	20.3
5 1	16 58.69	−24 41.6	1.379	2.277	14.8	20.1
5 11	16 51.80	−24 34.3	1.331	2.290	10.4	19.9
5 21	16 42.47	−24 19.3	1.304	2.303	5.4	19.6
5 31	16 31.93	−23 57.1	1.302	2.316	0.9	19.3
6 10	16 21.66	−23 30.2	1.326	2.329	5.2	19.7
6 20	16 12.95	−23 2.7	1.374	2.342	9.9	20.0
6 30	16 6.81	−22 38.8	1.445	2.355	14.1	20.3

224274 2005 TK_{51} 5 30.9 129°.97 6°.1/28.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 58.93	− 9 38.6	1.904	2.710	15.2	20.8
5 1	16 54.91	− 8 20.4	1.831	2.717	12.3	20.6
5 11	16 48.65	− 7 4.2	1.779	2.723	9.3	20.4
5 21	16 40.72	− 5 54.6	1.751	2.730	6.8	20.3
5 31	16 31.97	− 4 56.8	1.750	2.736	6.2	20.3
6 10	16 23.39	− 4 14.8	1.775	2.742	8.1	20.4
6 20	16 15.84	− 3 50.8	1.826	2.747	11.0	20.6
6 30	16 10.05	− 3 44.9	1.898	2.753	13.8	20.8

146866 2002 AO_{174} 5 30.9 195°.15 1°.7/31.7 18

4 21	16 59.02	−28 15.2	2.731	3.507	11.8	21.2
5 1	16 54.60	−28 21.2	2.633	3.505	9.5	21.1
5 11	16 48.29	−28 21.3	2.558	3.503	6.8	20.9
5 21	16 40.52	−28 14.4	2.509	3.500	3.9	20.7
5 31	16 31.97	−28 0.4	2.487	3.497	1.8	20.5
6 10	16 23.44	−27 40.3	2.495	3.494	3.5	20.6
6 20	16 15.67	−27 16.1	2.531	3.490	6.5	20.8
6 30	16 9.32	−26 50.4	2.593	3.487	9.2	21.0

239108 2006 HN_{75} 5 30.9 27°.45 5°.7/29.9 17

4 21	16 56.93	− 9 27.9	1.420	2.250	18.3	20.0
5 1	16 54.07	− 9 4.5	1.361	2.262	14.7	19.8
5 11	16 48.43	− 8 48.3	1.321	2.276	10.8	19.6
5 21	16 40.71	− 8 42.7	1.302	2.291	7.2	19.4
5 31	16 31.98	− 8 50.3	1.307	2.306	5.7	19.4
6 10	16 23.48	− 9 12.4	1.337	2.323	7.9	19.5
6 20	16 16.33	− 9 48.2	1.390	2.340	11.5	19.8
6 30	16 11.37	−10 35.9	1.464	2.358	15.0	20.0

243960 2001 QQ_{227} 5 30.9 222°.13 2°.5/29.7 18

4 21	16 57.14	−17 2.9	2.283	3.085	13.1	20.4
5 1	16 53.29	−16 19.6	2.191	3.081	10.4	20.2
5 11	16 47.45	−15 33.8	2.122	3.078	7.3	20.0
5 21	16 40.12	−14 47.6	2.078	3.074	4.2	19.8
5 31	16 31.99	−14 3.7	2.062	3.070	2.6	19.7
6 10	16 23.91	−13 25.0	2.074	3.066	5.0	19.8
6 20	16 16.66	−12 54.0	2.113	3.062	8.2	20.0
6 30	16 10.91	−12 32.7	2.177	3.057	11.3	20.2

249791 2000 YK_{2} 5 30.9 236°.19 0°.2/31.0 17

4 21	17 2.33	−24 24.0	1.711	2.517	16.6	21.0
5 1	16 58.43	−24 4.5	1.616	2.508	13.4	20.7
5 11	16 51.62	−23 37.2	1.541	2.498	9.4	20.5
5 21	16 42.48	−23 2.0	1.489	2.488	4.9	20.2
5 31	16 32.00	−22 19.9	1.464	2.478	0.2	19.7
6 10	16 21.48	−21 34.2	1.465	2.467	5.0	20.1
6 20	16 12.16	−20 49.1	1.492	2.456	9.7	20.4
6 30	16 5.06	−20 9.6	1.542	2.444	13.9	20.6

310245 2011 UY_{7} 5 30.9 252°.00 2°.5/31.5 17

4 21	17 4.64	−26 28.0	1.566	2.371	17.9	21.4
5 1	17 0.89	−26 56.6	1.469	2.358	14.6	21.1
5 11	16 53.77	−27 20.2	1.391	2.345	10.6	20.8
5 21	16 43.79	−27 35.7	1.336	2.331	6.0	20.5
5 31	16 32.00	−27 40.6	1.305	2.316	2.5	20.3
6 10	16 19.91	−27 34.9	1.301	2.301	5.7	20.4
6 20	16 9.09	−27 21.0	1.321	2.286	10.5	20.7
6 30	16 0.83	−27 3.8	1.364	2.271	15.0	20.9

158055 2000 SP_{234} 5 30.9 195°.20 0°.3/30.8 18

4 21	17 1.83	−20 56.0	2.389	3.177	13.0	21.2
5 1	16 57.02	−20 57.8	2.292	3.174	10.4	21.0
5 11	16 50.09	−20 57.3	2.218	3.171	7.2	20.8
5 21	16 41.51	−20 54.5	2.169	3.167	3.7	20.5
5 31	16 32.02	−20 49.4	2.149	3.163	0.3	20.2
6 10	16 22.50	−20 43.3	2.158	3.158	3.8	20.5
6 20	16 13.81	−20 37.6	2.194	3.152	7.4	20.7
6 30	16 6.69	−20 34.1	2.257	3.146	10.6	20.9

480575 2015 MB_{76} 5 30.9 40°.57 0°.9/31.4 17

4 21	16 57.42	−26 43.5	2.179	2.975	13.8	21.4
5 1	16 53.71	−26 24.1	2.095	2.980	11.1	21.2
5 11	16 47.83	−25 57.0	2.031	2.985	7.8	21.0
5 21	16 40.33	−25 22.3	1.993	2.990	4.1	20.7
5 31	16 32.02	−24 41.1	1.982	2.995	0.9	20.5
6 10	16 23.85	−23 56.2	1.998	3.000	3.8	20.7
6 20	16 16.66	−23 10.7	2.042	3.005	7.5	21.0
6 30	16 11.16	−22 28.4	2.110	3.011	10.7	21.2

410366 2007 VV_{90} 5 30.9 180°.55 2°.1/30.3 17

4 21	17 2.77	−17 32.2	1.796	2.601	16.0	21.9
5 1	16 58.38	−17 15.4	1.710	2.602	12.8	21.7
5 11	16 51.34	−16 57.3	1.646	2.603	9.0	21.5
5 21	16 42.24	−16 39.2	1.606	2.603	4.8	21.2
5 31	16 32.01	−16 22.8	1.592	2.603	2.2	21.0
6 10	16 21.83	−16 10.1	1.605	2.602	5.4	21.2
6 20	16 12.78	−16 3.3	1.644	2.600	9.5	21.5
6 30	16 5.77	−16 4.1	1.707	2.599	13.3	21.7

70808 1999 VJ_{66} 5 30.9 193°.98 1°.4/31.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	17 2.46	−25 24.1	2.451	3.231	12.9	20.6
5 1	16 57.58	−25 46.2	2.354	3.229	10.4	20.4
5 11	16 50.52	−26 4.5	2.279	3.227	7.4	20.2
5 21	16 41.76	−26 17.7	2.229	3.223	4.0	20.0
5 31	16 32.02	−26 24.7	2.208	3.220	1.4	19.8
6 10	16 22.24	−26 26.0	2.216	3.216	3.8	19.9
6 20	16 13.28	−26 22.8	2.252	3.211	7.2	20.1
6 30	16 5.91	−26 17.6	2.314	3.206	10.3	20.3

454262 2014 BG_{9} 5 30.9 277°.18 11°.4/ 5.5 15

4 21	17 10.56	−47 46.1	1.182	1.949	24.7	20.9
5 1	17 7.94	−47 58.8	1.093	1.936	21.9	20.6
5 11	16 59.90	−47 39.7	1.017	1.922	18.4	20.3
5 21	16 47.23	−46 36.8	0.958	1.908	14.8	20.0
5 31	16 31.99	−44 41.3	0.919	1.895	12.0	19.8
6 10	16 17.09	−41 55.0	0.902	1.881	11.8	19.8
6 20	16 5.10	−38 32.7	0.907	1.867	14.7	19.9
6 30	15 57.63	−34 56.9	0.934	1.854	19.0	20.1

357938 2005 YO_{22} 5 30.9 53°.12 2°.1/30.6 17

4 21	17 2.20	−17 11.1	1.223	2.057	20.3	20.9
5 1	16 58.93	−17 12.1	1.161	2.069	16.2	20.7
5 11	16 52.21	−17 14.2	1.117	2.081	11.3	20.4
5 21	16 42.81	−17 18.1	1.094	2.094	6.0	20.2
5 31	16 32.03	−17 24.7	1.094	2.107	2.2	20.0
6 10	16 21.50	−17 35.3	1.119	2.120	6.3	20.3
6 20	16 12.67	−17 51.1	1.167	2.133	11.4	20.6
6 30	16 6.62	−18 13.2	1.235	2.147	15.9	20.9

118941 2000 WW_{60} 5 30.9 147°.62 5°.6/29.5 18

4 21	16 59.80	− 1 13.8	2.783	3.547	11.9	19.9
5 1	16 54.84	− 1 6.8	2.701	3.553	10.0	19.8
5 11	16 48.25	− 1 8.4	2.641	3.559	7.9	19.6
5 21	16 40.46	− 1 20.8	2.607	3.564	6.2	19.5
5 31	16 32.05	− 1 45.3	2.600	3.569	5.6	19.5
6 10	16 23.69	− 2 22.2	2.622	3.574	6.6	19.6
6 20	16 16.02	− 3 10.6	2.672	3.579	8.5	19.7
6 30	16 9.58	− 4 9.0	2.747	3.583	10.6	19.8

312454 2008 KO_{40} 5 30.9 266°.44 1°.8/30.3 18

4 21	16 57.13	−15 57.5	2.505	3.301	12.2	21.1
5 1	16 53.20	−15 56.3	2.406	3.293	9.8	20.9
5 11	16 47.39	−15 55.8	2.330	3.285	6.9	20.7
5 21	16 40.13	−15 57.0	2.280	3.276	3.8	20.5
5 31	16 32.05	−16 0.5	2.257	3.268	1.8	20.4
6 10	16 23.91	−16 7.3	2.263	3.259	4.2	20.5
6 20	16 16.46	−16 18.1	2.297	3.250	7.4	20.7
6 30	16 10.36	−16 33.6	2.355	3.242	10.3	20.9

371610 2006 XC_{13} 5 30.9 163°.39 0°.3/31.1 17

4 21	17 3.11	−23 7.2	2.021	2.815	14.8	21.8
5 1	16 58.40	−23 8.4	1.935	2.820	11.8	21.6
5 11	16 51.23	−23 5.4	1.870	2.824	8.3	21.4
5 21	16 42.14	−22 57.8	1.830	2.828	4.3	21.2
5 31	16 32.04	−22 45.6	1.818	2.831	0.3	20.8
6 10	16 22.01	−22 30.3	1.833	2.834	4.2	21.2
6 20	16 13.05	−22 14.3	1.875	2.836	8.2	21.4
6 30	16 6.00	−22 0.4	1.942	2.838	11.8	21.6

501803 2014 WA_{34} 5 30.9 126°.12 0°.9/31.3 17

4 21	17 4.50	−25 1.9	1.855	2.650	15.9	22.0
5 1	16 59.64	−24 59.5	1.779	2.664	12.7	21.8
5 11	16 52.11	−24 50.9	1.724	2.677	8.9	21.6
5 21	16 42.58	−24 35.3	1.693	2.690	4.7	21.4
5 31	16 32.05	−24 13.1	1.689	2.702	0.9	21.1
6 10	16 21.73	−23 46.3	1.712	2.714	4.4	21.4
6 20	16 12.69	−23 18.2	1.762	2.725	8.5	21.7
6 30	16 5.77	−22 52.4	1.837	2.735	12.2	21.9

503368 2016 CW_{14} 5 30.9 8°.84 2°.3/31.6 17

4 21	16 55.36	−27 7.7	1.067	1.916	21.7	20.9
5 1	16 54.38	−27 14.4	1.002	1.917	17.5	20.6
5 11	16 49.56	−27 9.8	0.953	1.919	12.5	20.4
5 21	16 41.65	−26 52.4	0.923	1.923	6.9	20.1
5 31	16 32.05	−26 22.3	0.915	1.928	2.3	19.8
6 10	16 22.64	−25 43.1	0.929	1.934	6.2	20.1
6 20	16 15.09	−25 0.7	0.964	1.941	11.7	20.4
6 30	16 10.63	−24 21.8	1.019	1.950	16.6	20.7

510414 2011 UD_{252} 5 30.9 252°.79 1°.4/30.4 18

4 21	16 57.28	−18 36.0	2.524	3.319	12.2	22.3
5 1	16 53.35	−18 18.5	2.419	3.306	9.7	22.1
5 11	16 47.52	−17 59.1	2.337	3.292	6.8	21.9
5 21	16 40.22	−17 38.6	2.281	3.279	3.6	21.7
5 31	16 32.08	−17 18.4	2.253	3.264	1.4	21.5
6 10	16 23.88	−17 0.1	2.253	3.250	4.1	21.7
6 20	16 16.37	−16 45.5	2.281	3.236	7.4	21.9
6 30	16 10.23	−16 36.3	2.334	3.221	10.4	22.0

478317 2011 WY_{80} 5 30.9 176°.86 0°.5/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 57.36	−21 10.4	2.878	3.664	11.1	23.0
5 1	16 53.07	−20 59.7	2.784	3.666	8.8	22.8
5 11	16 47.11	−20 46.4	2.714	3.667	6.1	22.7
5 21	16 39.92	−20 30.7	2.670	3.668	3.1	22.5
5 31	16 32.09	−20 13.4	2.655	3.668	0.5	22.2
6 10	16 24.29	−19 55.9	2.669	3.668	3.3	22.5
6 20	16 17.17	−19 39.8	2.711	3.668	6.2	22.7
6 30	16 11.28	−19 26.7	2.780	3.668	8.9	22.8

59720 1999 KH_{5} 5 30.9 217°.28 3°.6/29.7 18

4 21	16 59.38	−13 40.6	1.959	2.765	14.8	20.7
5 1	16 55.45	−13 10.4	1.871	2.762	11.9	20.5
5 11	16 49.20	−12 41.2	1.804	2.758	8.5	20.3
5 21	16 41.14	−12 15.2	1.761	2.754	5.2	20.1
5 31	16 32.08	−11 55.0	1.745	2.749	3.7	20.0
6 10	16 23.04	−11 42.9	1.756	2.745	6.0	20.1
6 20	16 14.95	−11 40.6	1.793	2.740	9.5	20.3
6 30	16 8.61	−11 49.0	1.853	2.735	12.9	20.5

222725 2002 AR_{159} 5 30.9 204°.00 1°.0/31.4 18

4 21	17 2.29	−26 11.3	2.398	3.178	13.2	20.9
5 1	16 57.47	−26 6.2	2.297	3.173	10.6	20.7
5 11	16 50.46	−25 54.8	2.218	3.167	7.5	20.5
5 21	16 41.74	−25 36.6	2.165	3.161	4.0	20.2
5 31	16 32.09	−25 11.7	2.141	3.153	1.1	20.0
6 10	16 22.43	−24 41.6	2.145	3.146	3.8	20.2
6 20	16 13.65	−24 9.1	2.177	3.137	7.3	20.4
6 30	16 6.51	−23 37.3	2.235	3.128	10.6	20.6

143876 2003 YE_{26} 5 30.9 109°.20 2°.3/31.7 17

4 21	17 5.09	−27 52.1	1.770	2.563	16.7	20.7
5 1	17 0.33	−28 4.6	1.697	2.579	13.4	20.5
5 11	16 52.71	−28 9.3	1.645	2.594	9.6	20.3
5 21	16 42.93	−28 4.2	1.616	2.609	5.4	20.1
5 31	16 32.08	−27 48.7	1.613	2.624	2.3	19.9
6 10	16 21.46	−27 24.5	1.637	2.638	4.8	20.1
6 20	16 12.23	−26 55.2	1.688	2.651	8.8	20.4
6 30	16 5.29	−26 25.3	1.763	2.665	12.4	20.6

12212 1981 QR_{2} 5 30.9 319°.16 3°.9/31.8 18

4 21	16 56.01	−28 28.5	1.232	2.068	20.1	17.8
5 1	16 55.05	−29 0.1	1.135	2.041	16.6	17.5
5 11	16 50.38	−29 23.9	1.055	2.016	12.3	17.2
5 21	16 42.36	−29 36.0	0.995	1.991	7.5	16.8
5 31	16 32.08	−29 33.1	0.957	1.967	3.9	16.5
6 10	16 21.27	−29 14.8	0.941	1.944	6.9	16.6
6 20	16 11.82	−28 44.8	0.947	1.921	12.3	16.8
6 30	16 5.37	−28 9.7	0.972	1.900	17.5	17.1

431020 2005 YJ_{146} 5 30.9 174°.82 1°.0/31.3 17

4 21	17 2.35	−25 20.5	2.266	3.051	13.7	22.4
5 1	16 57.60	−25 24.2	2.175	3.054	11.0	22.2
5 11	16 50.57	−25 22.6	2.105	3.056	7.7	22.0
5 21	16 41.80	−25 15.0	2.061	3.057	4.1	21.8
5 31	16 32.10	−25 1.2	2.045	3.058	1.0	21.5
6 10	16 22.43	−24 42.6	2.058	3.058	3.9	21.8
6 20	16 13.72	−24 21.4	2.098	3.058	7.5	22.0
6 30	16 6.74	−24 0.7	2.163	3.058	10.8	22.2

498082 2007 RQ_{208} 5 30.9 330°.33 2°.0/30.5 17

4 21	16 54.73	−18 47.5	1.120	1.974	20.6	21.2
5 1	16 53.77	−18 37.5	1.038	1.958	16.6	20.9
5 11	16 49.23	−18 25.2	0.973	1.943	11.7	20.6
5 21	16 41.62	−18 12.2	0.927	1.929	6.2	20.2
5 31	16 32.09	−18 0.6	0.903	1.916	2.1	19.9
6 10	16 22.34	−17 53.2	0.901	1.904	6.9	20.2
6 20	16 14.05	−17 53.1	0.920	1.894	12.7	20.5
6 30	16 8.63	−18 2.8	0.958	1.884	18.0	20.7

121230 1999 RH_{30} 5 30.9 226°.65 18°.8/ 6.4 18

4 21	17 23.12	−58 20.9	1.383	2.071	25.0	19.9
5 1	17 20.28	−60 23.1	1.309	2.066	23.4	19.8
5 11	17 10.32	−62 1.6	1.248	2.059	21.6	19.6
5 21	16 53.45	−63 1.1	1.201	2.053	20.1	19.5
5 31	16 32.03	−63 5.6	1.171	2.046	19.0	19.4
6 10	16 10.48	−62 8.5	1.157	2.038	18.9	19.3
6 20	15 53.13	−60 15.8	1.161	2.030	19.8	19.4
6 30	15 42.51	−57 44.2	1.182	2.022	21.4	19.4

384098 2008 WU_{39} 5 30.9 121°.99 0°.3/31.0 17

4 21	17 2.00	−21 51.3	2.241	3.032	13.7	21.2
5 1	16 57.22	−22 7.9	2.160	3.043	10.9	21.1
5 11	16 50.24	−22 22.2	2.101	3.055	7.6	20.9
5 21	16 41.61	−22 33.7	2.068	3.066	3.9	20.7
5 31	16 32.10	−22 41.8	2.063	3.077	0.3	20.4
6 10	16 22.68	−22 47.2	2.086	3.087	3.8	20.7
6 20	16 14.21	−22 51.1	2.137	3.097	7.4	20.9
6 30	16 7.44	−22 55.4	2.213	3.107	10.6	21.2

469506 2003 FF_{128} 5 30.9 352°.04 0°.0/30.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 36.10	−21 17.1	30.377	31.160	1.2	21.8
5 1	16 35.25	−21 15.3	30.277	31.158	0.9	21.7
5 11	16 34.29	−21 13.4	30.204	31.157	0.6	21.7
5 21	16 33.24	−21 11.3	30.158	31.156	0.3	21.6
5 31	16 32.15	−21 9.1	30.140	31.154	0.0	21.6
6 10	16 31.06	−21 6.9	30.153	31.153	0.3	21.6
6 20	16 30.02	−21 4.9	30.193	31.151	0.6	21.7
6 30	16 29.05	−21 3.0	30.262	31.150	0.9	21.7

153781 2001 VD_{58} 5 30.9 209°.12 2°.7/31.8 18

4 21	17 3.29	−28 25.1	1.994	2.781	15.2	20.5
5 1	16 58.91	−28 50.9	1.900	2.778	12.4	20.3
5 11	16 51.83	−29 10.4	1.827	2.774	9.0	20.0
5 21	16 42.59	−29 21.2	1.778	2.769	5.3	19.8
5 31	16 32.10	−29 21.6	1.756	2.765	2.7	19.6
6 10	16 21.55	−29 12.0	1.762	2.760	4.8	19.7
6 20	16 12.07	−28 54.8	1.793	2.754	8.5	20.0
6 30	16 4.62	−28 33.9	1.850	2.749	12.1	20.2

424750 2008 TW_{21} 5 30.9 334°.04 5°.9/31.7 17

4 21	17 0.11	−30 42.6	1.486	2.297	18.5	20.0
5 1	16 57.72	−32 0.4	1.396	2.283	15.4	19.8
5 11	16 51.87	−33 13.7	1.325	2.271	11.7	19.5
5 21	16 42.97	−34 16.9	1.275	2.259	8.0	19.3
5 31	16 32.10	−35 4.1	1.249	2.248	5.9	19.1
6 10	16 20.84	−35 32.3	1.247	2.238	7.6	19.2
6 20	16 10.86	−35 42.2	1.269	2.229	11.4	19.4
6 30	16 3.61	−35 38.6	1.312	2.221	15.3	19.6

300958 2008 DH_{13} 5 30.9 142°.43 4°.3/ 1.8 17

4 21	17 2.00	−35 42.9	2.664	3.417	12.7	21.1
5 1	16 57.20	−36 14.4	2.577	3.424	10.5	21.0
5 11	16 50.24	−36 36.9	2.510	3.431	8.1	20.8
5 21	16 41.62	−36 47.9	2.469	3.438	5.7	20.7
5 31	16 32.12	−36 45.7	2.454	3.444	4.3	20.6
6 10	16 22.67	−36 30.7	2.468	3.450	5.0	20.7
6 20	16 14.13	−36 5.1	2.509	3.456	7.2	20.8
6 30	16 7.25	−35 32.5	2.576	3.461	9.6	21.0

61475 2000 QH_{37} 5 30.9 222°.71 1°.0/30.5 18

4 21	16 57.82	−19 30.9	2.782	3.570	11.4	20.5
5 1	16 53.56	−19 15.3	2.678	3.561	9.0	20.3
5 11	16 47.55	−18 57.5	2.597	3.551	6.3	20.1
5 21	16 40.21	−18 38.1	2.543	3.541	3.3	19.9
5 31	16 32.14	−18 18.2	2.518	3.530	1.0	19.7
6 10	16 24.03	−17 59.2	2.522	3.519	3.6	19.9
6 20	16 16.58	−17 42.8	2.554	3.508	6.7	20.1
6 30	16 10.38	−17 30.8	2.611	3.496	9.5	20.2

395091 2009 KC_{6} 5 30.9 260°.24 1°.2/31.2 18

4 21	17 1.24	−23 12.5	2.335	3.124	13.3	21.0
5 1	16 56.80	−23 51.1	2.238	3.119	10.6	20.8
5 11	16 50.12	−24 28.5	2.162	3.114	7.5	20.6
5 21	16 41.66	−25 3.1	2.112	3.108	4.0	20.4
5 31	16 32.13	−25 33.3	2.091	3.103	1.2	20.1
6 10	16 22.48	−25 58.4	2.098	3.098	3.9	20.3
6 20	16 13.62	−26 19.0	2.132	3.093	7.4	20.5
6 30	16 6.37	−26 36.6	2.193	3.087	10.6	20.7

491720 2012 UT_{154} 5 30.9 291°.47 2°.7/29.7 16

4 21	16 58.45	−19 12.1	1.892	2.702	15.1	22.5
5 1	16 55.16	−18 16.9	1.777	2.673	12.2	22.2
5 11	16 49.32	−17 14.4	1.684	2.642	8.6	21.9
5 21	16 41.38	−16 6.8	1.615	2.612	4.8	21.6
5 31	16 32.14	−14 57.5	1.572	2.581	2.7	21.4
6 10	16 22.67	−13 51.5	1.557	2.551	6.0	21.6
6 20	16 14.06	−12 53.7	1.567	2.520	10.2	21.7
6 30	16 7.28	−12 8.2	1.601	2.488	14.3	21.9

294103 2007 TC_{230} 5 30.9 134°.94 1°.2/30.5 17

4 21	16 58.39	−19 44.6	2.073	2.878	14.2	21.6
5 1	16 54.58	−19 29.4	1.987	2.878	11.3	21.4
5 11	16 48.54	−19 11.6	1.922	2.879	7.8	21.2
5 21	16 40.80	−18 52.0	1.882	2.880	4.1	20.9
5 31	16 32.14	−18 31.9	1.868	2.881	1.2	20.7
6 10	16 23.55	−18 13.4	1.883	2.882	4.4	21.0
6 20	16 15.89	−17 58.5	1.923	2.883	8.2	21.2
6 30	16 9.94	−17 49.3	1.989	2.883	11.6	21.4

325854 2010 TM_{79} 5 30.9 159°.05 2°.9/31.7 17

4 21	17 5.09	−27 44.2	1.761	2.555	16.7	21.9
5 1	17 0.64	−28 18.4	1.677	2.558	13.5	21.6
5 11	16 53.19	−28 46.7	1.613	2.561	9.8	21.4
5 21	16 43.34	−29 6.1	1.572	2.564	5.8	21.2
5 31	16 32.14	−29 14.4	1.558	2.567	2.9	21.0
6 10	16 20.92	−29 11.8	1.570	2.569	5.2	21.2
6 20	16 10.99	−29 0.6	1.609	2.571	9.2	21.4
6 30	16 3.39	−28 45.0	1.671	2.572	13.0	21.6

316358 2010 RZ_{176} 5 30.9 15°.80 7°.1/ 1.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	17 0.94	−33 37.3	1.215	2.034	21.3	19.8
5 1	16 58.91	−34 45.1	1.147	2.037	17.8	19.6
5 11	16 52.87	−35 41.2	1.096	2.041	13.7	19.3
5 21	16 43.47	−36 19.0	1.065	2.046	9.6	19.1
5 31	16 32.14	−36 32.9	1.055	2.052	7.2	19.0
6 10	16 20.87	−36 22.3	1.068	2.059	8.5	19.1
6 20	16 11.52	−35 51.8	1.103	2.067	12.3	19.3
6 30	16 5.47	−35 9.7	1.158	2.075	16.3	19.6

186311 2002 CD_{204} 5 30.9 198°.51 3°.9/ 1.7 18

4 21	17 0.66	−34 39.1	2.637	3.396	12.6	20.9
5 1	16 56.21	−35 3.3	2.540	3.394	10.5	20.7
5 11	16 49.61	−35 18.7	2.465	3.392	8.0	20.6
5 21	16 41.34	−35 23.2	2.415	3.390	5.5	20.4
5 31	16 32.16	−35 15.3	2.393	3.387	4.0	20.3
6 10	16 22.98	−34 55.5	2.398	3.385	4.8	20.4
6 20	16 14.66	−34 26.1	2.430	3.382	7.1	20.5
6 30	16 7.96	−33 50.5	2.488	3.378	9.7	20.7

128395 2004 LE_{5} 5 30.9 305°.31 7°.6/28.0 18

4 21	16 56.45	− 7 36.7	1.602	2.422	17.0	19.5
5 1	16 53.70	− 6 24.9	1.517	2.409	14.0	19.3
5 11	16 48.32	− 5 16.5	1.451	2.397	10.9	19.1
5 21	16 40.85	− 4 17.2	1.408	2.385	8.3	18.9
5 31	16 32.17	− 3 33.2	1.389	2.373	7.7	18.8
6 10	16 23.44	− 3 9.0	1.395	2.362	9.8	18.9
6 20	16 15.75	− 3 6.7	1.423	2.350	13.0	19.1
6 30	16 10.05	− 3 26.1	1.471	2.339	16.4	19.3

302092 2001 AA_{19} 5 30.9 128°.33 0°.6/31.3 18

4 21	16 57.82	−25 12.6	2.662	3.448	11.9	20.8
5 1	16 53.60	−25 3.7	2.576	3.455	9.4	20.7
5 11	16 47.57	−24 49.7	2.512	3.463	6.6	20.5
5 21	16 40.21	−24 30.6	2.473	3.470	3.5	20.3
5 31	16 32.18	−24 7.0	2.463	3.477	0.6	20.1
6 10	16 24.24	−23 40.4	2.482	3.483	3.3	20.3
6 20	16 17.09	−23 13.1	2.529	3.490	6.4	20.5
6 30	16 11.33	−22 47.3	2.602	3.496	9.2	20.7

8484 1988 VM_{2} 5 30.9 217°.34 1°.7/31.5 18

4 21	17 4.44	−26 4.4	2.512	3.285	12.8	18.9
5 1	16 59.25	−26 30.3	2.404	3.275	10.4	18.7
5 11	16 51.79	−26 52.5	2.319	3.264	7.4	18.5
5 21	16 42.53	−27 9.2	2.260	3.252	4.2	18.3
5 31	16 32.18	−27 19.2	2.229	3.240	1.7	18.1
6 10	16 21.68	−27 22.4	2.228	3.226	3.9	18.2
6 20	16 11.94	−27 20.0	2.255	3.212	7.3	18.4
6 30	16 3.79	−27 14.5	2.308	3.197	10.4	18.6

249540 Eugeniescott 5 30.9 132°.19 8°.5/26.9 18

4 21	16 56.21	+ 3 35.3	2.456	3.222	13.3	20.8
5 1	16 52.28	+ 4 43.0	2.388	3.228	11.5	20.6
5 11	16 46.63	+ 5 40.4	2.341	3.234	9.8	20.5
5 21	16 39.73	+ 6 23.1	2.317	3.240	8.7	20.5
5 31	16 32.20	+ 6 47.3	2.319	3.245	8.6	20.5
6 10	16 24.76	+ 6 51.2	2.346	3.251	9.6	20.5
6 20	16 18.08	+ 6 34.9	2.396	3.256	11.1	20.7
6 30	16 12.72	+ 6 0.1	2.468	3.261	12.9	20.8

217093 2001 VD_{75} 5 30.9 106°.03 4°.0/28.5 17

4 21	16 58.95	−11 41.5	2.712	3.498	11.7	20.7
5 1	16 54.10	−10 29.6	2.645	3.521	9.3	20.6
5 11	16 47.68	− 9 18.4	2.601	3.544	6.8	20.4
5 21	16 40.17	− 8 11.2	2.585	3.566	4.7	20.3
5 31	16 32.21	− 7 11.2	2.598	3.588	4.1	20.3
6 10	16 24.45	− 6 21.3	2.640	3.609	5.6	20.4
6 20	16 17.49	− 5 43.3	2.710	3.630	7.9	20.6
6 30	16 11.82	− 5 18.0	2.805	3.650	10.1	20.8

186288 2002 BS_{3} 5 30.9 172°.73 3°.7/ 1.5 18

4 21	17 2.45	−34 47.6	3.078	3.823	11.3	21.4
5 1	16 57.28	−35 22.0	2.982	3.827	9.3	21.2
5 11	16 50.19	−35 49.0	2.909	3.829	7.1	21.1
5 21	16 41.61	−36 6.5	2.862	3.832	5.0	20.9
5 31	16 32.21	−36 12.8	2.843	3.833	3.7	20.8
6 10	16 22.79	−36 8.0	2.853	3.835	4.5	20.9
6 20	16 14.11	−35 53.6	2.891	3.835	6.5	21.0
6 30	16 6.84	−35 32.4	2.955	3.836	8.7	21.2

220963 2005 MR_{25} 5 30.9 267°.40 0°.8/30.7 18

4 21	17 0.90	−21 22.6	1.827	2.634	15.7	21.4
5 1	16 57.24	−21 7.6	1.722	2.614	12.6	21.1
5 11	16 50.85	−20 48.0	1.637	2.595	8.9	20.8
5 21	16 42.22	−20 24.0	1.575	2.574	4.6	20.5
5 31	16 32.21	−19 56.8	1.540	2.553	0.8	20.2
6 10	16 21.99	−19 28.8	1.532	2.532	5.0	20.5
6 20	16 12.74	−19 3.1	1.549	2.511	9.5	20.7
6 30	16 5.48	−18 43.0	1.590	2.489	13.7	20.9

504988 2011 HD_{59} 5 30.9 12°.54 7°.7/27.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 54.89	− 8 36.1	1.506	2.334	17.5	20.6
5 1	16 52.42	− 7 6.5	1.438	2.337	14.3	20.4
5 11	16 47.33	− 5 40.0	1.391	2.340	11.0	20.2
5 21	16 40.28	− 4 23.2	1.365	2.343	8.4	20.1
5 31	16 32.22	− 3 23.0	1.364	2.348	7.9	20.1
6 10	16 24.32	− 2 44.3	1.387	2.353	9.9	20.2
6 20	16 17.61	− 2 29.2	1.432	2.359	13.0	20.4
6 30	16 12.92	− 2 37.0	1.497	2.365	16.2	20.6

107948 2001 FC_{118} 5 30.9 10°.14 0°.6/31.1 17

4 21	16 58.63	−22 6.9	1.263	2.100	19.7	19.3
5 1	16 56.37	−22 26.9	1.192	2.101	15.8	19.1
5 11	16 50.68	−22 44.0	1.138	2.103	11.1	18.8
5 21	16 42.23	−22 57.1	1.106	2.106	5.8	18.5
5 31	16 32.21	−23 5.5	1.096	2.110	0.6	18.1
6 10	16 22.26	−23 9.9	1.110	2.115	5.6	18.5
6 20	16 13.85	−23 12.5	1.148	2.120	10.9	18.8
6 30	16 8.16	−23 16.6	1.206	2.126	15.5	19.1

394735 2008 EU_{162} 5 30.9 62°.97 3°.8/29.5 17

4 21	16 56.23	−12 26.0	2.230	3.033	13.3	21.3
5 1	16 52.55	−11 50.0	2.153	3.041	10.7	21.2
5 11	16 46.96	−11 15.6	2.098	3.049	7.7	21.0
5 21	16 39.94	−10 45.4	2.068	3.058	4.9	20.8
5 31	16 32.23	−10 21.8	2.066	3.066	3.8	20.8
6 10	16 24.61	−10 6.9	2.090	3.074	5.7	20.9
6 20	16 17.85	−10 1.9	2.141	3.082	8.5	21.1
6 30	16 12.57	−10 7.4	2.216	3.091	11.3	21.3

51292 2000 KF_{30} 5 30.9 220°.47 0°.8/30.7 18

4 21	16 58.41	−20 27.9	2.402	3.196	12.7	19.4
5 1	16 54.34	−20 14.0	2.305	3.191	10.1	19.2
5 11	16 48.28	−19 57.3	2.230	3.186	7.1	19.0
5 21	16 40.68	−19 38.2	2.182	3.180	3.6	18.8
5 31	16 32.23	−19 17.8	2.161	3.174	0.8	18.5
6 10	16 23.78	−18 57.9	2.168	3.167	3.9	18.7
6 20	16 16.12	−18 40.4	2.203	3.161	7.4	18.9
6 30	16 9.94	−18 27.3	2.263	3.154	10.5	19.1

161109 2002 QA_{46} 5 30.9 282°.86 4°.7/ 1.6 18

4 21	17 1.28	−34 1.4	2.014	2.792	15.4	19.9
5 1	16 57.62	−34 30.1	1.910	2.777	12.8	19.7
5 11	16 51.16	−34 48.9	1.827	2.761	9.8	19.5
5 21	16 42.39	−34 54.5	1.766	2.745	6.7	19.2
5 31	16 32.23	−34 44.4	1.731	2.729	4.7	19.1
6 10	16 21.90	−34 18.7	1.722	2.713	5.9	19.1
6 20	16 12.62	−33 40.4	1.739	2.697	9.0	19.3
6 30	16 5.44	−32 54.7	1.781	2.681	12.4	19.4

448271 2008 YS_{99} 5 30.9 195°.61 0°.7/30.6 18

4 21	16 53.16	−19 23.0	4.099	4.880	8.1	22.8
5 1	16 49.29	−19 14.6	3.998	4.877	6.4	22.6
5 11	16 44.30	−19 5.0	3.922	4.874	4.4	22.5
5 21	16 38.49	−18 54.5	3.873	4.870	2.3	22.3
5 31	16 32.25	−18 43.8	3.854	4.867	0.7	22.2
6 10	16 26.01	−18 33.8	3.865	4.863	2.5	22.3
6 20	16 20.19	−18 25.2	3.905	4.858	4.6	22.5
6 30	16 15.17	−18 19.0	3.972	4.854	6.6	22.6

26083 1981 EJ_{11} 5 30.9 320°.65 2°.3/31.7 18

4 21	16 57.08	−27 38.6	1.388	2.214	18.8	17.9
5 1	16 55.23	−27 43.1	1.296	2.197	15.3	17.6
5 11	16 50.03	−27 37.8	1.221	2.181	11.1	17.3
5 21	16 42.00	−27 20.7	1.168	2.165	6.3	17.0
5 31	16 32.24	−26 51.1	1.138	2.149	2.3	16.7
6 10	16 22.29	−26 11.3	1.131	2.135	5.7	16.9
6 20	16 13.69	−25 26.1	1.149	2.121	10.8	17.1
6 30	16 7.71	−24 41.9	1.187	2.108	15.6	17.3

181996 1999 VQ_{167} 5 30.9 238°.73 1°.3/31.4 17

4 21	17 3.52	−25 55.1	1.936	2.729	15.4	21.7
5 1	16 59.22	−25 56.1	1.832	2.715	12.5	21.4
5 11	16 52.17	−25 50.5	1.749	2.701	8.9	21.2
5 21	16 42.88	−25 37.1	1.690	2.686	4.8	20.9
5 31	16 32.25	−25 15.5	1.657	2.670	1.3	20.6
6 10	16 21.47	−24 47.3	1.653	2.654	4.6	20.8
6 20	16 11.71	−24 15.5	1.674	2.637	8.9	21.0
6 30	16 3.99	−23 44.3	1.720	2.620	12.8	21.2

471294 2011 GK_{70} 5 30.9 341°.53 6°.9/30.9 17

4 21	17 2.39	−29 36.0	1.406	2.219	19.3	20.3
5 1	16 59.95	−31 31.7	1.317	2.206	16.0	20.1
5 11	16 53.77	−33 28.0	1.248	2.194	12.3	19.8
5 21	16 44.19	−35 17.3	1.201	2.183	8.7	19.6
5 31	16 32.25	−36 50.6	1.178	2.173	6.9	19.5
6 10	16 19.67	−38 1.6	1.179	2.165	8.7	19.5
6 20	16 8.36	−38 48.6	1.204	2.158	12.5	19.7
6 30	16 0.00	−39 15.6	1.249	2.151	16.4	19.9

150243 1999 CH_{133} 5 30.9 35°.14 2°.4/31.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	17 0.61	−27 41.3	1.548	2.360	17.8	19.8
5 1	16 57.37	−27 53.5	1.472	2.365	14.4	19.6
5 11	16 51.04	−27 57.2	1.415	2.370	10.3	19.4
5 21	16 42.29	−27 50.7	1.381	2.376	5.8	19.1
5 31	16 32.26	−27 33.4	1.371	2.382	2.4	18.9
6 10	16 22.35	−27 7.0	1.387	2.389	5.2	19.1
6 20	16 13.87	−26 35.5	1.427	2.395	9.6	19.4
6 30	16 7.82	−26 3.9	1.490	2.403	13.6	19.7

22830 Tinker 5 30.9 319°.15 0°.4/31.1 18

4 21	16 56.34	−23 13.0	1.908	2.719	15.0	18.3
5 1	16 53.52	−23 16.2	1.806	2.701	12.0	18.1
5 11	16 48.20	−23 15.3	1.724	2.683	8.5	17.8
5 21	16 40.85	−23 9.7	1.666	2.665	4.4	17.5
5 31	16 32.27	−22 59.8	1.634	2.648	0.4	17.2
6 10	16 23.53	−22 46.9	1.628	2.631	4.4	17.4
6 20	16 15.69	−22 33.1	1.648	2.615	8.7	17.7
6 30	16 9.69	−22 21.4	1.692	2.599	12.6	17.9

314169 2005 GA_{61} 5 30.9 341°.20 11°.6/28.1 17

4 21	16 49.32	− 3 35.6	1.047	1.905	21.4	19.0
5 1	16 49.35	− 2 21.4	0.974	1.885	18.2	18.8
5 11	16 46.08	− 1 17.6	0.916	1.868	14.9	18.5
5 21	16 40.03	− 0 34.1	0.877	1.852	12.3	18.3
5 31	16 32.27	− 0 20.0	0.856	1.837	11.7	18.2
6 10	16 24.35	− 0 40.9	0.855	1.825	13.8	18.3
6 20	16 17.77	− 1 36.8	0.872	1.815	17.3	18.4
6 30	16 13.80	− 3 3.1	0.906	1.807	21.2	18.6

465033 2006 MC_{12} 5 30.9 304°.99 10°.0/28.3 18

4 21	16 58.06	− 3 22.6	1.383	2.204	19.1	21.1
5 1	16 55.82	− 2 25.8	1.282	2.171	16.3	20.8
5 11	16 50.44	− 1 37.3	1.199	2.139	13.3	20.5
5 21	16 42.30	− 1 4.4	1.136	2.106	10.7	20.3
5 31	16 32.28	− 0 54.7	1.095	2.073	10.1	20.1
6 10	16 21.71	− 1 13.4	1.076	2.041	12.2	20.1
6 20	16 12.07	− 2 1.8	1.078	2.009	15.9	20.2
6 30	16 4.69	− 3 17.8	1.100	1.978	20.0	20.4

277503 2005 WP_{147} 5 30.9 100°.35 5°.3/28.7 17

4 21	16 59.52	−11 35.0	1.853	2.661	15.5	20.9
5 1	16 55.47	−10 25.7	1.784	2.673	12.4	20.7
5 11	16 49.13	− 9 17.7	1.736	2.685	9.2	20.6
5 21	16 41.11	− 8 15.1	1.712	2.697	6.2	20.4
5 31	16 32.29	− 7 22.6	1.715	2.708	5.4	20.4
6 10	16 23.67	− 6 44.0	1.744	2.720	7.4	20.5
6 20	16 16.16	− 6 21.2	1.799	2.731	10.5	20.7
6 30	16 10.46	− 6 14.9	1.876	2.742	13.5	20.9

499553 2010 RT_{141} 5 30.9 212°.61 0°.9/30.7 17

4 21	17 3.15	−21 36.7	2.043	2.837	14.7	22.8
5 1	16 58.53	−21 12.2	1.944	2.830	11.8	22.6
5 11	16 51.44	−20 42.6	1.867	2.822	8.2	22.4
5 21	16 42.41	−20 8.4	1.815	2.813	4.2	22.1
5 31	16 32.29	−19 31.2	1.790	2.804	0.9	21.8
6 10	16 22.14	−18 53.7	1.794	2.793	4.6	22.1
6 20	16 12.98	−18 19.0	1.824	2.782	8.7	22.3
6 30	16 5.67	−17 50.5	1.880	2.770	12.3	22.5

181827 1998 SS_{50} 5 30.9 309°.38 2°.2/31.5 17

4 21	16 58.29	−26 6.9	1.413	2.238	18.6	20.2
5 1	16 56.32	−26 25.2	1.311	2.212	15.2	19.9
5 11	16 50.96	−26 37.4	1.227	2.187	11.0	19.5
5 21	16 42.62	−26 41.0	1.164	2.162	6.2	19.2
5 31	16 32.29	−26 34.3	1.125	2.137	2.2	18.9
6 10	16 21.52	−26 18.0	1.109	2.112	5.9	19.0
6 20	16 11.91	−25 55.1	1.117	2.089	11.2	19.2
6 30	16 4.92	−25 30.8	1.146	2.066	16.2	19.4

59876 1999 RK_{116} 5 30.9 280°.94 3°.2/29.5 18

4 21	16 56.06	−14 48.8	2.310	3.113	12.9	19.3
5 1	16 52.58	−14 6.5	2.208	3.098	10.4	19.1
5 11	16 47.13	−13 22.9	2.129	3.083	7.4	18.9
5 21	16 40.15	−12 40.4	2.076	3.068	4.5	18.7
5 31	16 32.30	−12 1.7	2.049	3.053	3.3	18.6
6 10	16 24.41	−11 29.8	2.051	3.038	5.4	18.7
6 20	16 17.24	−11 6.8	2.078	3.023	8.6	18.9
6 30	16 11.51	−10 54.4	2.130	3.008	11.6	19.0

507054 2008 VV_{32} 5 30.9 290°.46 1°.6/30.6 17

4 21	16 59.05	−17 51.6	1.847	2.658	15.4	21.5
5 1	16 55.59	−17 47.8	1.753	2.648	12.3	21.3
5 11	16 49.59	−17 43.6	1.679	2.637	8.7	21.0
5 21	16 41.55	−17 39.7	1.629	2.627	4.6	20.8
5 31	16 32.31	−17 37.1	1.605	2.617	1.7	20.5
6 10	16 22.97	−17 37.2	1.608	2.607	5.0	20.7
6 20	16 14.58	−17 41.5	1.636	2.597	9.2	21.0
6 30	16 8.08	−17 51.5	1.688	2.587	13.1	21.2

154004 Haolei 5 30.9 222°.41 3°.1/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	17 2.49	−12 57.6	2.130	2.924	14.2	20.1
5 1	16 57.87	−12 53.1	2.032	2.915	11.4	19.9
5 11	16 50.93	−12 51.7	1.955	2.905	8.2	19.6
5 21	16 42.16	−12 54.5	1.903	2.895	4.9	19.4
5 31	16 32.31	−13 2.9	1.879	2.885	3.1	19.3
6 10	16 22.35	−13 17.7	1.883	2.874	5.4	19.4
6 20	16 13.23	−13 39.4	1.914	2.862	8.9	19.6
6 30	16 5.77	−14 8.3	1.969	2.850	12.3	19.8

247117 2000 UJ_{63} 5 30.9 221°.88 1°.6/30.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 2.23	−21 0.2	1.732	2.540	16.4	20.7
5 1	16 58.23	−20 21.2	1.640	2.533	13.1	20.5
5 11	16 51.46	−19 35.9	1.568	2.527	9.2	20.2
5 21	16 42.50	−18 45.6	1.520	2.519	4.8	19.9
5 31	16 32.31	−17 53.0	1.499	2.511	1.6	19.7
6 10	16 22.13	−17 2.3	1.504	2.503	5.4	19.9
6 20	16 13.12	−16 17.7	1.536	2.494	9.9	20.2
6 30	16 6.23	−15 43.0	1.590	2.485	14.0	20.4

137846 2000 AT_{41} 5 30.9 209°.43 5°.8/ 2.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 8.42	−38 51.1	2.270	3.011	14.9	20.6
5 1	17 3.04	−39 22.9	2.168	3.004	12.6	20.4
5 11	16 54.78	−39 42.8	2.086	2.996	10.0	20.2
5 21	16 44.21	−39 46.3	2.027	2.987	7.5	20.1
5 31	16 32.31	−39 30.5	1.995	2.977	5.9	19.9
6 10	16 20.35	−38 55.5	1.991	2.967	6.6	20.0
6 20	16 9.56	−38 4.4	2.013	2.955	8.9	20.1
6 30	16 0.96	−37 3.2	2.060	2.943	11.7	20.2

178246 2007 BZ_{38} 5 31.0 264°.30 6°.2/28.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	16 52.52	− 2 38.5	2.351	3.218	10.7	20.4
5 11	16 46.95	− 2 7.8	2.284	3.211	8.5	20.2
5 21	16 40.01	− 1 47.2	2.241	3.203	6.7	20.1
5 31	16 32.32	− 1 39.6	2.224	3.195	6.3	20.0
6 10	16 24.62	− 1 46.8	2.234	3.187	7.5	20.1
6 20	16 17.60	− 2 8.8	2.270	3.179	9.7	20.2
6 30	16 11.89	− 2 44.8	2.328	3.171	12.0	20.4
7 10	16 7.94	− 3 32.8	2.408	3.163	14.2	20.5

363959 2005 UJ_{56} 5 31.0 225°.71 2°.5/29.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	16 52.53	−15 25.7	2.517	3.403	9.4	21.2
5 11	16 46.90	−14 44.3	2.444	3.397	6.6	21.0
5 21	16 39.96	−14 3.3	2.397	3.391	3.9	20.8
5 31	16 32.32	−13 24.8	2.379	3.385	2.5	20.7
6 10	16 24.70	−12 51.2	2.389	3.379	4.6	20.8
6 20	16 17.78	−12 24.7	2.426	3.372	7.5	21.0
6 30	16 12.15	−12 6.8	2.489	3.365	10.2	21.2
7 10	16 8.22	−11 58.0	2.574	3.358	12.6	21.3

182009 1999 XZ_{122} 5 31.0 289°.74 5°.3/ 1.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	16 59.05	−36 6.5	2.316	3.166	11.5	20.1
5 11	16 52.14	−36 58.9	2.217	3.138	9.0	19.9
5 21	16 42.98	−37 41.2	2.142	3.110	6.6	19.7
5 31	16 32.32	−38 9.6	2.095	3.081	5.3	19.6
6 10	16 21.22	−38 22.3	2.074	3.052	6.2	19.6
6 20	16 10.81	−38 20.0	2.081	3.023	8.7	19.7
6 30	16 2.16	−38 5.9	2.112	2.994	11.5	19.8
7 10	15 56.03	−37 44.8	2.164	2.964	14.2	19.9

389893 2012 TL_{13} 5 31.0 240°.14 0°.3/30.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	16 56.76	−20 27.1	2.158	3.043	10.8	21.4
5 11	16 50.16	−20 38.1	2.078	3.033	7.6	21.1
5 21	16 41.77	−20 47.7	2.024	3.022	3.9	20.9
5 31	16 32.33	−20 55.7	1.997	3.010	0.3	20.6
6 10	16 22.75	−21 2.8	1.998	2.999	4.0	20.9
6 20	16 13.98	−21 9.8	2.027	2.987	7.8	21.1
6 30	16 6.81	−21 18.4	2.081	2.974	11.2	21.3
7 10	16 1.81	−21 30.2	2.157	2.962	14.1	21.4

1532 Inari 5 31.0 154°.99 4°.1/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	16 56.90	−34 47.7	2.281	3.139	11.3	15.7
5 11	16 50.23	−34 59.4	2.212	3.141	8.6	15.5
5 21	16 41.76	−34 59.0	2.167	3.143	5.8	15.3
5 31	16 32.33	−34 45.2	2.149	3.145	4.1	15.2
6 10	16 22.94	−34 18.8	2.158	3.147	5.0	15.3
6 20	16 14.56	−33 42.6	2.195	3.149	7.6	15.4
6 30	16 7.97	−33 0.8	2.256	3.151	10.4	15.6
7 10	16 3.66	−32 18.0	2.340	3.152	12.9	15.8

417762 2007 DR_{66} 5 31.0 194°.43 0°.2/30.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	16 57.56	−21 49.4	1.907	2.794	11.9	22.2
5 11	16 50.79	−21 44.3	1.837	2.793	8.3	21.9
5 21	16 42.09	−21 35.7	1.793	2.791	4.3	21.7
5 31	16 32.33	−21 23.8	1.775	2.789	0.2	21.3
6 10	16 22.57	−21 10.4	1.786	2.787	4.3	21.7
6 20	16 13.82	−20 57.4	1.823	2.784	8.4	21.9
6 30	16 6.94	−20 47.5	1.884	2.781	12.0	22.1
7 10	16 2.47	−20 42.8	1.966	2.777	15.1	22.3

146998 2002 PS_{93} 5 31.0 283°.33 1°.4/30.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	16 57.83	−19 9.3	1.567	2.463	13.4	20.7
5 11	16 51.55	−18 59.1	1.479	2.438	9.5	20.4
5 21	16 42.76	−18 47.2	1.413	2.413	5.0	20.1
5 31	16 32.33	−18 34.5	1.374	2.387	1.4	19.8
6 10	16 21.53	−18 23.0	1.360	2.360	5.5	20.0
6 20	16 11.69	−18 15.1	1.371	2.334	10.5	20.2
6 30	16 3.97	−18 13.6	1.405	2.307	15.0	20.4
7 10	15 59.18	−18 20.6	1.458	2.280	18.9	20.6

299401 2005 YH_3 5 31.0 128°.91 0°.3/31.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 0.31	−23 19.1	1.416	2.312	14.7	21.6
5 11	16 53.09	−23 10.5	1.360	2.319	10.3	21.4
5 21	16 43.37	−22 55.6	1.327	2.326	5.3	21.1
5 31	16 32.33	−22 35.0	1.318	2.332	0.3	20.7
6 10	16 21.44	−22 11.0	1.336	2.338	5.2	21.1
6 20	16 12.05	−21 47.2	1.378	2.344	10.1	21.4
6 30	16 5.19	−21 27.6	1.443	2.350	14.4	21.7
7 10	16 1.42	−21 15.4	1.527	2.355	17.9	21.9

501384 2013 YC_{66} 5 31.0 233°.57 2°.2/31.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	16 59.04	−28 51.0	2.388	3.256	10.5	22.2
5 11	16 51.74	−29 1.4	2.298	3.239	7.7	22.0
5 21	16 42.60	−29 4.1	2.232	3.222	4.5	21.8
5 31	16 32.33	−28 58.0	2.196	3.204	2.2	21.6
6 10	16 21.91	−28 43.4	2.188	3.185	4.1	21.7
6 20	16 12.27	−28 22.2	2.208	3.166	7.4	21.9
6 30	16 4.24	−27 57.8	2.255	3.145	10.6	22.0
7 10	15 58.42	−27 33.6	2.323	3.124	13.4	22.2

916 America 5 31.0 265°.40 7°.1/ 2.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 2.93	−39 24.3	1.754	2.602	14.6	15.6
5 11	16 55.36	−39 57.3	1.663	2.580	11.8	15.4
5 21	16 44.81	−40 12.3	1.595	2.557	8.9	15.2
5 31	16 32.33	−40 4.3	1.551	2.534	7.2	15.0
6 10	16 19.49	−39 32.0	1.532	2.510	8.0	15.0
6 20	16 7.90	−38 38.5	1.539	2.486	10.8	15.1
6 30	15 58.92	−37 31.2	1.569	2.461	14.3	15.2
7 10	15 53.37	−36 18.7	1.618	2.435	17.5	15.4

376496 2012 KP_{29} 5 31.0 308°.65 4°.0/29.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	16 55.00	−14 47.5	1.486	2.388	13.7	21.2
5 11	16 49.33	−13 58.2	1.420	2.380	9.8	21.0
5 21	16 41.45	−13 10.1	1.376	2.372	5.8	20.7
5 31	16 32.33	−12 27.2	1.358	2.364	4.0	20.6
6 10	16 23.20	−11 53.8	1.365	2.356	7.0	20.8
6 20	16 15.21	−11 33.1	1.396	2.349	11.1	21.0
6 30	16 9.33	−11 27.0	1.448	2.342	15.1	21.2
7 10	16 6.17	−11 35.3	1.519	2.335	18.5	21.4

17058 Rocknroll 5 31.0 155°.50 6°.3/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 2.59	−36 54.1	1.881	2.734	13.6	18.2
5 11	16 54.71	−37 54.4	1.816	2.737	10.6	18.1
5 21	16 44.28	−38 40.4	1.774	2.741	7.8	17.9
5 31	16 32.34	−39 7.6	1.759	2.744	6.3	17.8
6 10	16 20.27	−39 14.6	1.769	2.746	7.2	17.9
6 20	16 9.47	−39 3.6	1.806	2.749	9.8	18.0
6 30	16 1.05	−38 39.7	1.866	2.751	12.7	18.2
7 10	15 55.69	−38 9.5	1.946	2.753	15.4	18.4

11822 1981 TK 5 31.0 240°.37 12°.2/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 13.67	−53 4.6	2.023	2.786	15.9	18.3
5 11	17 3.74	−54 44.7	1.941	2.770	14.3	18.2
5 21	16 49.56	−56 2.1	1.879	2.753	12.9	18.0
5 31	16 32.33	−56 47.2	1.841	2.735	12.2	17.9
6 10	16 14.20	−56 54.8	1.825	2.716	12.6	17.9
6 20	15 57.59	−56 26.2	1.833	2.697	13.8	18.0
6 30	15 44.54	−55 29.0	1.861	2.676	15.6	18.0
7 10	15 36.18	−54 14.5	1.907	2.656	17.6	18.1

140236 2001 SE_{248} 5 31.0 2°.15 7°.8/ 1.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 2.76	−37 31.5	1.561	2.422	15.5	19.8
5 11	16 55.34	−38 55.3	1.498	2.422	12.3	19.6
5 21	16 44.81	−40 3.5	1.457	2.422	9.4	19.5
5 31	16 32.34	−40 49.4	1.440	2.422	7.8	19.4
6 10	16 19.59	−41 9.9	1.448	2.422	8.8	19.4
6 20	16 8.29	−41 7.1	1.480	2.423	11.5	19.6
6 30	15 59.84	−40 47.0	1.534	2.423	14.7	19.8
7 10	15 55.03	−40 17.6	1.607	2.424	17.6	20.0

186386 2002 JG_{108} 5 31.0 269°.16 4°.5/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	16 54.39	− 6 45.0	2.359	3.233	10.4	19.8
5 11	16 48.24	− 6 48.8	2.293	3.232	7.8	19.6
5 21	16 40.68	− 7 1.0	2.252	3.231	5.5	19.5
5 31	16 32.34	− 7 22.8	2.239	3.230	4.5	19.4
6 10	16 24.00	− 7 54.8	2.253	3.229	5.9	19.5
6 20	16 16.39	− 8 36.3	2.295	3.228	8.5	19.6
6 30	16 10.13	− 9 26.3	2.361	3.227	11.1	19.8
7 10	16 5.70	−10 23.2	2.449	3.226	13.4	20.0