368080 2012 MZ_{15} 5 4.9 219°.92 3°.4/ 1.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 11.86	−10 14.4	2.100	2.956	11.9	21.3
4 11	15 6.89	− 8 54.2	2.019	2.948	8.8	21.1
4 21	15 0.12	− 7 28.4	1.963	2.941	5.6	20.9
5 1	14 52.19	− 6 2.4	1.935	2.932	3.5	20.7
5 11	14 43.94	− 4 42.6	1.936	2.924	5.1	20.8
5 21	14 36.21	− 3 34.6	1.965	2.914	8.4	21.0
5 31	14 29.77	− 2 42.9	2.018	2.905	11.7	21.2
6 10	14 25.16	− 2 9.4	2.094	2.895	14.6	21.3

115797 2003 UA_{228} 5 4.9 31°.29 2°.8/ 6.5 18

4 1	15 14.95	−22 20.3	1.559	2.404	15.8	18.4
4 11	15 9.82	−22 51.2	1.497	2.415	12.1	18.2
4 21	15 2.13	−23 9.9	1.457	2.427	7.9	18.0
5 1	14 52.80	−23 15.9	1.441	2.440	3.9	17.8
5 11	14 43.06	−23 10.7	1.451	2.454	3.5	17.8
5 21	14 34.18	−22 58.1	1.486	2.468	7.4	18.1
5 31	14 27.22	−22 43.1	1.546	2.483	11.4	18.3
6 10	14 22.86	−22 30.8	1.627	2.498	14.9	18.6

240779 2005 SM_{187} 5 4.9 269°.70 2°.1/ 2.9 18

4 1	15 9.49	−13 8.1	2.457	3.307	10.6	20.5
4 11	15 5.02	−12 2.7	2.359	3.287	7.8	20.3
4 21	14 58.97	−10 50.2	2.288	3.267	4.7	20.1
5 1	14 51.86	− 9 34.5	2.244	3.247	2.2	19.9
5 11	14 44.42	− 8 20.5	2.230	3.226	3.6	19.9
5 21	14 37.34	− 7 13.2	2.245	3.205	6.9	20.1
5 31	14 31.31	− 6 16.8	2.286	3.184	10.0	20.3
6 10	14 26.85	− 5 34.3	2.350	3.162	12.8	20.4

421365 2013 TE_{129} 5 4.9 173°.10 0°.7/ 6.2 18

4 1	15 4.51	−21 16.5	4.957	5.774	6.2	21.6
4 11	15 0.66	−21 11.7	4.869	5.775	4.6	21.4
4 21	14 56.05	−21 2.4	4.808	5.776	2.9	21.3
5 1	14 50.98	−20 49.3	4.775	5.777	1.2	21.2
5 11	14 45.78	−20 33.4	4.773	5.777	1.2	21.2
5 21	14 40.79	−20 16.2	4.801	5.778	2.9	21.3
5 31	14 36.31	−19 59.0	4.858	5.779	4.6	21.4
6 10	14 32.61	−19 43.5	4.940	5.779	6.1	21.6

278269 2007 FD_{34} 5 4.9 52°.30 0°.8/ 5.5 17

4 1	15 14.22	−19 30.3	1.544	2.398	15.5	21.3
4 11	15 9.16	−19 21.9	1.484	2.410	11.6	21.1
4 21	15 1.66	−19 2.0	1.445	2.423	7.1	20.8
5 1	14 52.65	−18 32.6	1.431	2.436	2.4	20.6
5 11	14 43.33	−17 57.8	1.443	2.449	2.8	20.6
5 21	14 34.89	−17 22.6	1.481	2.462	7.5	20.9
5 31	14 28.34	−16 52.6	1.543	2.476	11.7	21.2
6 10	14 24.29	−16 31.9	1.627	2.490	15.3	21.5

107835 2001 FQ_{71} 5 4.9 39°.43 3°.5/ 2.7 17

4 1	15 11.45	− 9 39.4	1.632	2.501	14.0	19.3
4 11	15 6.88	− 8 54.5	1.575	2.511	10.3	19.0
4 21	15 0.19	− 8 6.9	1.541	2.521	6.4	18.8
5 1	14 52.21	− 7 21.8	1.532	2.532	3.6	18.7
5 11	14 43.99	− 6 44.6	1.549	2.543	5.2	18.8
5 21	14 36.55	− 6 19.6	1.592	2.555	8.9	19.0
5 31	14 30.75	− 6 9.6	1.659	2.567	12.5	19.3
6 10	14 27.13	− 6 15.6	1.745	2.579	15.7	19.5

462537 2009 BL_{88} 5 4.9 12°.43 1°.5/ 5.8 17

4 1	15 12.94	−21 5.0	1.199	2.066	18.2	20.9
4 11	15 8.94	−20 56.4	1.135	2.067	13.8	20.6
4 21	15 1.88	−20 31.6	1.091	2.070	8.7	20.4
5 1	14 52.77	−19 52.2	1.068	2.072	3.2	20.0
5 11	14 43.12	−19 3.5	1.070	2.076	3.4	20.1
5 21	14 34.46	−18 12.8	1.095	2.080	8.8	20.4
5 31	14 28.08	−17 28.1	1.142	2.085	13.9	20.7
6 10	14 24.77	−16 55.7	1.208	2.090	18.2	21.0

246455 2007 VE_{242} 5 4.9 119°.29 4°.5/ 1.2 17

4 1	15 11.50	− 3 22.3	2.360	3.212	10.9	20.9
4 11	15 6.30	− 2 35.0	2.301	3.224	8.2	20.7
4 21	14 59.61	− 1 50.2	2.267	3.235	5.7	20.6
5 1	14 52.02	− 1 11.9	2.260	3.245	4.5	20.5
5 11	14 44.27	− 0 44.1	2.282	3.256	5.6	20.6
5 21	14 37.07	− 0 29.2	2.331	3.266	8.1	20.8
5 31	14 31.04	− 0 28.5	2.405	3.276	10.6	21.0
6 10	14 26.63	− 0 42.0	2.500	3.285	12.9	21.1

378716 2008 QK_{1} 5 4.9 138°.43 3°.6/ 1.7 17

4 1	15 12.77	− 6 1.7	2.545	3.393	10.3	21.8
4 11	15 7.12	− 5 12.0	2.485	3.408	7.7	21.7
4 21	15 0.05	− 4 22.7	2.450	3.421	5.1	21.5
5 1	14 52.14	− 3 37.6	2.444	3.435	3.6	21.5
5 11	14 44.10	− 3 0.4	2.467	3.447	4.7	21.6
5 21	14 36.60	− 2 33.9	2.518	3.459	7.2	21.7
5 31	14 30.23	− 2 20.0	2.595	3.471	9.8	21.9
6 10	14 25.40	− 2 19.1	2.695	3.481	12.0	22.1

395234 2010 MU_{72} 5 4.9 252°.00 3°.2/ 7.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 13.05	−26 47.8	2.510	3.318	11.7	21.2
4 11	15 7.75	−27 7.4	2.420	3.313	9.2	21.0
4 21	15 0.67	−27 15.9	2.354	3.309	6.4	20.8
5 1	14 52.38	−27 12.6	2.314	3.304	3.9	20.7
5 11	14 43.68	−26 58.5	2.303	3.299	3.4	20.6
5 21	14 35.41	−26 36.1	2.319	3.294	5.6	20.8
5 31	14 28.34	−26 9.1	2.363	3.290	8.5	20.9
6 10	14 23.05	−25 41.8	2.431	3.285	11.2	21.1

272702 2005 YU_{12} 5 4.9 228°.77 1°.4/ 6.0 17

4 1	15 14.98	−21 48.4	2.264	3.090	12.2	21.7
4 11	15 9.31	−21 39.1	2.167	3.078	9.3	21.4
4 21	15 1.66	−21 19.3	2.095	3.065	5.9	21.2
5 1	14 52.68	−20 49.6	2.050	3.052	2.4	20.9
5 11	14 43.23	−20 12.5	2.033	3.038	2.4	20.9
5 21	14 34.22	−19 31.6	2.045	3.023	6.0	21.1
5 31	14 26.52	−18 51.7	2.084	3.008	9.6	21.3
6 10	14 20.75	−18 17.1	2.147	2.992	12.7	21.5

172390 2003 AO_{52} 5 5.0 68°.38 1°.2/ 4.2 18

4 1	15 12.93	−13 27.8	2.064	2.915	12.2	20.2
4 11	15 7.62	−13 15.5	2.001	2.929	9.0	20.0
4 21	15 0.51	−12 59.0	1.962	2.942	5.4	19.8
5 1	14 52.30	−12 40.5	1.950	2.955	1.8	19.6
5 11	14 43.88	−12 23.3	1.967	2.969	3.0	19.7
5 21	14 36.09	−12 10.2	2.010	2.982	6.6	20.0
5 31	14 29.69	−12 4.1	2.080	2.996	10.0	20.2
6 10	14 25.18	−12 6.7	2.172	3.009	12.9	20.4

126185 2002 AH_{20} 5 5.0 78°.47 0°.0/ 4.7 18

4 1	15 16.55	−16 19.0	1.728	2.578	14.3	19.5
4 11	15 10.65	−16 24.0	1.666	2.591	10.6	19.2
4 21	15 2.48	−16 22.2	1.626	2.604	6.4	19.0
5 1	14 52.89	−16 14.8	1.612	2.617	1.8	18.8
5 11	14 43.00	−16 4.7	1.625	2.630	2.8	18.8
5 21	14 33.91	−15 55.2	1.666	2.644	7.2	19.1
5 31	14 26.56	−15 49.9	1.732	2.657	11.1	19.4
6 10	14 21.55	−15 51.8	1.819	2.670	14.5	19.6

158507 2002 EN_{93} 5 5.0 336°.47 0°.8/ 5.5 17

4 1	15 12.54	−18 54.4	1.546	2.403	15.3	19.9
4 11	15 8.18	−18 55.8	1.467	2.396	11.5	19.6
4 21	15 1.27	−18 46.8	1.410	2.388	7.2	19.4
5 1	14 52.61	−18 28.6	1.377	2.382	2.4	19.0
5 11	14 43.37	−18 4.4	1.370	2.376	2.9	19.1
5 21	14 34.78	−17 38.7	1.388	2.370	7.7	19.3
5 31	14 27.97	−17 16.8	1.430	2.365	12.2	19.6
6 10	14 23.70	−17 3.3	1.492	2.360	16.1	19.8

240780 2005 SA_{221} 5 5.0 258°.37 2°.7/ 7.7 18

4 1	15 11.48	−28 6.9	2.701	3.502	11.1	20.2
4 11	15 6.51	−27 44.6	2.593	3.483	8.8	20.0
4 21	14 59.89	−27 8.6	2.508	3.463	6.1	19.8
5 1	14 52.16	−26 19.2	2.451	3.443	3.5	19.6
5 11	14 44.05	−25 18.6	2.423	3.422	2.9	19.5
5 21	14 36.34	−24 10.7	2.424	3.401	5.3	19.6
5 31	14 29.72	−23 0.5	2.453	3.380	8.2	19.8
6 10	14 24.73	−21 53.0	2.507	3.358	10.9	19.9

216726 2005 GY_{50} 5 5.0 292°.05 12°.7/28.3 18

4 1	15 20.55	+13 49.7	1.570	2.397	16.6	19.2
4 11	15 14.12	+14 38.6	1.492	2.372	14.6	19.0
4 21	15 4.89	+15 7.9	1.434	2.348	13.1	18.8
5 1	14 53.68	+15 8.1	1.399	2.323	12.8	18.7
5 11	14 41.75	+14 32.7	1.387	2.299	13.9	18.7
5 21	14 30.44	+13 20.4	1.397	2.274	16.3	18.8
5 31	14 21.00	+11 34.5	1.428	2.250	19.1	18.9
6 10	14 14.26	+ 9 21.7	1.476	2.225	21.8	19.0

195606 2002 KO_{10} 5 5.0 216°.37 1°.2/ 4.2 17

4 1	15 14.03	−13 33.7	2.009	2.860	12.6	19.9
4 11	15 8.64	−13 21.3	1.930	2.857	9.3	19.7
4 21	15 1.25	−13 4.2	1.875	2.854	5.6	19.5
5 1	14 52.56	−12 44.6	1.847	2.852	1.8	19.2
5 11	14 43.48	−12 25.9	1.846	2.849	3.1	19.3
5 21	14 34.96	−12 11.2	1.874	2.846	7.0	19.6
5 31	14 27.84	−12 3.6	1.927	2.842	10.7	19.8
6 10	14 22.73	−12 5.5	2.002	2.839	13.8	20.0

401941 2002 EL_{95} 5 5.0 171°.47 2°.7/ 6.7 16

4 1	15 18.82	−24 12.3	1.825	2.649	14.8	21.2
4 11	15 12.49	−24 18.9	1.746	2.652	11.4	21.0
4 21	15 3.70	−24 11.7	1.690	2.655	7.5	20.8
5 1	14 53.29	−23 50.4	1.660	2.658	3.7	20.6
5 11	14 42.41	−23 17.5	1.657	2.659	3.3	20.5
5 21	14 32.26	−22 37.2	1.682	2.660	7.0	20.8
5 31	14 23.89	−21 55.6	1.732	2.661	10.9	21.0
6 10	14 18.00	−21 18.4	1.806	2.660	14.4	21.2

114977 2003 QQ_{64} 5 5.0 247.°66 3.°3/ 2.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 13.64	− 7 29.6	2.226	3.077	11.5	19.6
4 11	15 8.22	− 7 2.2	2.138	3.064	8.6	19.4
4 21	15 0.98	− 6 34.1	2.074	3.049	5.5	19.2
5 1	14 52.50	− 6 8.7	2.037	3.035	3.3	19.0
5 11	14 43.62	− 5 49.7	2.030	3.020	4.6	19.0
5 21	14 35.15	− 5 39.9	2.049	3.004	7.8	19.2
5 31	14 27.89	− 5 41.8	2.095	2.988	11.0	19.4
6 10	14 22.42	− 5 56.1	2.162	2.972	13.9	19.5

507041 2008 UV_{224} 5 5.0 242.°32 2.°9/ 7.2 17

4 1	15 13.78	−25 50.5	2.071	2.891	13.4	21.9
4 11	15 8.61	−25 51.9	1.982	2.885	10.4	21.7
4 21	15 1.33	−25 39.6	1.916	2.878	7.1	21.4
5 1	14 52.62	−25 13.4	1.876	2.871	3.9	21.2
5 11	14 43.45	−24 35.6	1.863	2.864	3.3	21.2
5 21	14 34.83	−23 50.1	1.878	2.857	6.4	21.3
5 31	14 27.66	−23 2.2	1.919	2.850	9.9	21.5
6 10	14 22.60	−22 17.7	1.983	2.842	13.1	21.7

149934 2005 SD_{191} 5 5.0 166.°71 1.°1/ 4.0 18

4 1	15 10.95	−13 25.3	2.844	3.685	9.6	20.7
4 11	15 5.80	−13 6.5	2.766	3.689	7.0	20.6
4 21	14 59.31	−12 44.1	2.714	3.692	4.2	20.4
5 1	14 51.98	−12 20.0	2.690	3.694	1.4	20.2
5 11	14 44.44	−11 56.8	2.696	3.697	2.4	20.3
5 21	14 37.31	−11 37.0	2.731	3.699	5.3	20.5
5 31	14 31.15	−11 22.8	2.793	3.701	8.1	20.6
6 10	14 26.38	−11 15.9	2.879	3.702	10.5	20.8

271886 2004 VF_{6} 5 5.0 130.°55 1.°5/ 3.9 18

4 1	15 14.47	−13 2.5	2.106	2.954	12.2	20.7
4 11	15 8.76	−12 43.5	2.038	2.963	9.0	20.5
4 21	15 1.22	−12 20.3	1.994	2.973	5.3	20.3
5 1	14 52.55	−11 55.3	1.977	2.981	1.9	20.1
5 11	14 43.62	−11 32.1	1.989	2.990	3.2	20.2
5 21	14 35.32	−11 13.7	2.029	2.998	6.8	20.4
5 31	14 28.40	−11 3.1	2.095	3.006	10.2	20.6
6 10	14 23.40	−11 2.1	2.183	3.013	13.1	20.9

202819 Carlosanchez 5 5.0 213.°82 2.°1/ 3.4 17

4 1	15 11.88	−13 8.1	1.924	2.781	12.8	21.1
4 11	15 7.08	−12 19.4	1.848	2.779	9.4	20.9
4 21	15 0.32	−11 24.2	1.796	2.777	5.7	20.6
5 1	14 52.31	−10 26.7	1.771	2.775	2.4	20.4
5 11	14 43.97	− 9 32.1	1.774	2.772	3.9	20.5
5 21	14 36.23	− 8 45.4	1.804	2.770	7.7	20.7
5 31	14 29.90	− 8 10.8	1.858	2.768	11.3	21.0
6 10	14 25.57	− 7 50.8	1.934	2.765	14.5	21.2

427401 1998 HJ_{5} 5 5.0 284.°13 0.°2/ 5.1 17

4 1	15 17.24	−15 56.5	1.830	2.676	13.8	20.6
4 11	15 11.47	−16 19.4	1.737	2.660	10.4	20.4
4 21	15 3.23	−16 37.6	1.667	2.644	6.4	20.1
5 1	14 53.23	−16 51.3	1.623	2.628	1.9	19.8
5 11	14 42.51	−17 1.7	1.607	2.612	2.8	19.8
5 21	14 32.22	−17 11.1	1.619	2.596	7.3	20.1
5 31	14 23.48	−17 22.5	1.656	2.580	11.5	20.3
6 10	14 17.08	−17 38.8	1.715	2.565	15.2	20.5

429633 2011 FO_{93} 5 5.0 16.°21 0.°0/ 4.9 17

4 1	15 11.87	−17 54.5	1.446	2.310	15.8	20.9
4 11	15 7.65	−17 41.6	1.381	2.314	11.8	20.6
4 21	15 0.90	−17 17.9	1.337	2.318	7.1	20.4
5 1	14 52.50	−16 46.1	1.317	2.323	2.1	20.1
5 11	14 43.70	−16 10.8	1.323	2.329	3.0	20.2
5 21	14 35.72	−15 37.2	1.354	2.335	8.0	20.5
5 31	14 29.63	−15 10.8	1.408	2.342	12.4	20.7
6 10	14 26.09	−14 55.7	1.482	2.350	16.2	21.0

135121 2001 QO_{137} 5 5.0 187.°50 3.°7/ 8.2 18

4 1	15 13.25	−29 33.7	2.466	3.264	12.2	19.9
4 11	15 7.93	−29 40.2	2.379	3.263	9.7	19.7
4 21	15 0.78	−29 32.8	2.315	3.263	7.0	19.5
5 1	14 52.44	−29 11.0	2.278	3.262	4.5	19.3
5 11	14 43.76	−28 36.5	2.268	3.261	3.9	19.3
5 21	14 35.58	−27 52.4	2.286	3.260	5.8	19.4
5 31	14 28.69	−27 3.4	2.331	3.258	8.5	19.6
6 10	14 23.64	−26 14.7	2.401	3.256	11.2	19.8

312090 2007 TW_{99} 5 5.0 82.°70 1.°8/ 3.9 16

4 1	15 15.67	−14 32.1	1.478	2.340	15.6	21.3
4 11	15 10.15	−13 49.6	1.425	2.358	11.5	21.1
4 21	15 2.22	−12 59.1	1.394	2.375	6.8	20.9
5 1	14 52.85	−12 5.5	1.387	2.392	2.3	20.7
5 11	14 43.28	−11 14.7	1.408	2.409	4.0	20.8
5 21	14 34.70	−10 32.5	1.454	2.426	8.6	21.1
5 31	14 28.07	−10 3.6	1.524	2.443	12.7	21.4
6 10	14 23.95	− 9 50.3	1.614	2.460	16.2	21.7

363720 2004 VV_{56} 5 5.0 232.°58 1.°6/ 6.0 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 17.89	−21 36.3	1.774	2.608	14.7	21.8
4 11	15 12.01	−21 33.1	1.682	2.596	11.2	21.6
4 21	15 3.58	−21 17.4	1.612	2.584	7.2	21.3
5 1	14 53.33	−20 49.6	1.568	2.570	2.9	21.0
5 11	14 42.41	−20 12.2	1.551	2.556	2.9	21.0
5 21	14 32.06	−19 30.0	1.562	2.541	7.4	21.2
5 31	14 23.40	−18 48.9	1.598	2.526	11.7	21.4
6 10	14 17.25	−18 14.8	1.656	2.509	15.5	21.6

357940 2005 YZ_{49} 5 5.0 141.°05 0.°2/ 4.9 16

4 1	15 17.27	−18 0.0	1.530	2.382	15.7	22.2
4 11	15 11.49	−17 30.4	1.463	2.389	11.7	21.9
4 21	15 3.13	−16 49.3	1.418	2.397	7.1	21.7
5 1	14 53.14	−15 59.7	1.398	2.404	2.0	21.4
5 11	14 42.79	−15 6.9	1.405	2.410	3.2	21.5
5 21	14 33.33	−14 17.1	1.439	2.416	8.1	21.8
5 31	14 25.84	−13 36.4	1.496	2.421	12.5	22.0
6 10	14 20.97	−13 9.0	1.575	2.426	16.3	22.3

46566 1991 RW_{21} 5 5.0 171.°44 4.°5/ 8.3 18

4 1	15 19.26	−30 27.8	2.240	3.028	13.5	19.3
4 11	15 12.55	−30 45.5	2.155	3.033	10.9	19.2
4 21	15 3.65	−30 47.7	2.094	3.037	7.9	19.0
5 1	14 53.30	−30 32.9	2.059	3.040	5.3	18.8
5 11	14 42.53	−30 2.3	2.052	3.042	4.6	18.8
5 21	14 32.39	−29 19.2	2.074	3.044	6.6	18.9
5 31	14 23.83	−28 29.1	2.122	3.044	9.5	19.1
6 10	14 17.48	−27 38.3	2.194	3.044	12.3	19.3

496315 2013 GP_{136} 5 5.0 356.°88 0.°2/ 2.6 17

4 1	14 51.23	− 8 23.7	42.457	43.305	0.7	23.0
4 11	14 50.63	− 8 18.6	42.372	43.298	0.5	23.0
4 21	14 49.97	− 8 13.4	42.314	43.291	0.3	23.0
5 1	14 49.26	− 8 8.3	42.285	43.283	0.2	23.0
5 11	14 48.55	− 8 3.6	42.285	43.276	0.3	23.0
5 21	14 47.85	− 7 59.2	42.315	43.269	0.5	23.0
5 31	14 47.20	− 7 55.4	42.371	43.262	0.6	23.0
6 10	14 46.61	− 7 52.1	42.454	43.254	0.8	23.1

506698 2006 US_{51} 5 5.0 181.°12 1.°2/ 6.1 17

4 1	15 11.05	−22 28.1	2.433	3.260	11.4	21.5
4 11	15 6.18	−22 3.4	2.349	3.261	8.6	21.3
4 21	14 59.67	−21 27.8	2.290	3.261	5.5	21.1
5 1	14 52.12	−20 43.1	2.259	3.261	2.2	20.9
5 11	14 44.31	−19 52.2	2.256	3.261	2.1	20.9
5 21	14 37.00	−18 59.3	2.281	3.260	5.4	21.1
5 31	14 30.87	−18 8.7	2.334	3.260	8.6	21.3
6 10	14 26.44	−17 24.5	2.410	3.259	11.4	21.5

363266 2002 EC_{160} 5 5.0 0.°87 5.°6/ 1.9 17

4 1	15 8.80	− 8 33.7	1.045	1.941	17.9	20.5
4 11	15 5.98	− 7 27.8	0.989	1.938	13.4	20.2
4 21	15 0.15	− 6 17.8	0.952	1.936	8.6	19.9
5 1	14 52.34	− 5 12.9	0.937	1.936	5.6	19.7
5 11	14 44.03	− 4 22.7	0.944	1.937	7.8	19.9
5 21	14 36.70	− 3 54.5	0.972	1.939	12.5	20.1
5 31	14 31.60	− 3 51.8	1.020	1.943	17.1	20.4
6 10	14 29.48	− 4 14.3	1.084	1.948	21.1	20.7

499760 2011 BM_{144} 5 5.0 166.°55 1.°6/ 6.2 17

4 1	15 15.78	−22 14.8	2.026	2.855	13.3	22.6
4 11	15 9.98	−22 7.3	1.947	2.859	10.1	22.4
4 21	15 2.09	−21 48.2	1.892	2.862	6.5	22.2
5 1	14 52.85	−21 18.4	1.863	2.865	2.7	21.9
5 11	14 43.26	−20 40.6	1.863	2.867	2.6	21.9
5 21	14 34.30	−19 59.2	1.890	2.869	6.3	22.2
5 31	14 26.86	−19 19.1	1.944	2.871	10.0	22.4
6 10	14 21.55	−18 45.1	2.021	2.872	13.2	22.6

160781 2000 SK_{277} 5 5.0 203.°77 0.°1/ 4.9 18

4 1	15 17.88	−16 58.6	1.952	2.791	13.3	20.2
4 11	15 11.64	−16 48.0	1.866	2.787	10.0	19.9
4 21	15 3.17	−16 29.3	1.804	2.781	6.1	19.7
5 1	14 53.19	−16 4.4	1.769	2.775	1.8	19.4
5 11	14 42.73	−15 36.1	1.763	2.768	2.7	19.4
5 21	14 32.84	−15 8.6	1.785	2.760	7.0	19.7
5 31	14 24.49	−14 45.9	1.833	2.751	11.0	19.9
6 10	14 18.36	−14 31.8	1.903	2.742	14.4	20.1

130574 2000 RF_{60} 5 5.0 249.°62 2.°9/ 3.0 17

4 1	15 14.81	−12 14.7	1.716	2.574	14.0	20.3
4 11	15 9.64	−11 17.7	1.627	2.558	10.4	20.1
4 21	15 2.10	−10 12.5	1.561	2.541	6.4	19.8
5 1	14 52.91	− 9 4.2	1.521	2.523	3.0	19.5
5 11	14 43.13	− 7 59.2	1.508	2.505	4.9	19.6
5 21	14 33.89	− 7 3.9	1.522	2.486	9.1	19.8
5 31	14 26.23	− 6 23.7	1.561	2.466	13.3	20.0
6 10	14 20.91	− 6 1.7	1.619	2.446	17.0	20.2

190429 1999 VB_{180} 5 5.0 166°.98 4°.4/30.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 11.57	− 4 37.3	2.458	3.309	10.5	20.7
4 11	15 6.38	− 3 29.0	2.390	3.314	7.9	20.6
4 21	14 59.70	− 2 21.2	2.349	3.318	5.5	20.4
5 1	14 52.13	− 1 18.6	2.336	3.321	4.4	20.3
5 11	14 44.36	− 0 25.9	2.352	3.324	5.6	20.4
5 21	14 37.09	+ 0 13.5	2.396	3.327	8.0	20.6
5 31	14 30.93	+ 0 37.5	2.464	3.329	10.6	20.7
6 10	14 26.34	+ 0 45.6	2.555	3.330	12.9	20.9

14405 1991 PE_{8} 5 5.0 255°.04 1°.4/ 4.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.16	−14 43.8	1.793	2.645	13.8	19.3
4 11	15 9.87	−14 13.6	1.700	2.628	10.3	19.0
4 21	15 2.24	−13 35.3	1.630	2.610	6.2	18.7
5 1	14 52.95	−12 51.9	1.587	2.592	2.0	18.4
5 11	14 43.05	−12 7.9	1.571	2.574	3.6	18.5
5 21	14 33.65	−11 28.4	1.582	2.554	8.0	18.7
5 31	14 25.78	−10 58.5	1.618	2.535	12.3	18.9
6 10	14 20.20	−10 41.6	1.676	2.515	16.0	19.1

56343 1999 YG 5 5.0 185°.21 17°.1/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 23.45	+22 37.3	1.442	2.239	19.3	18.7
4 11	15 16.13	+24 17.9	1.403	2.240	17.9	18.6
4 21	15 5.94	+25 28.7	1.383	2.240	17.1	18.6
5 1	14 53.98	+25 58.6	1.382	2.239	17.3	18.6
5 11	14 41.75	+25 41.8	1.400	2.238	18.3	18.6
5 21	14 30.68	+24 39.3	1.436	2.235	20.0	18.7
5 31	14 21.93	+22 56.9	1.489	2.232	21.8	18.9
6 10	14 16.14	+20 44.0	1.557	2.228	23.6	19.0

365432 2010 LQ_{52} 5 5.0 312°.66 2°.8/ 7.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.68	−27 23.7	2.018	2.842	13.6	20.5
4 11	15 5.69	−26 54.3	1.921	2.824	10.7	20.2
4 21	14 59.63	−26 7.2	1.845	2.807	7.3	20.0
5 1	14 52.18	−25 3.2	1.795	2.791	3.9	19.8
5 11	14 44.28	−23 45.9	1.772	2.774	3.2	19.7
5 21	14 36.89	−22 21.0	1.776	2.758	6.4	19.8
5 31	14 30.92	−20 55.7	1.807	2.742	10.1	20.0
6 10	14 26.99	−19 37.0	1.860	2.727	13.5	20.2

140148 2001 SA_{161} 5 5.0 203°.49 3°.3/ 7.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.31	−27 33.2	2.509	3.312	11.9	19.7
4 11	15 8.72	−27 50.0	2.419	3.309	9.4	19.5
4 21	15 1.29	−27 55.1	2.353	3.306	6.6	19.4
5 1	14 52.65	−27 47.6	2.314	3.302	4.1	19.2
5 11	14 43.60	−27 28.7	2.303	3.299	3.5	19.1
5 21	14 35.01	−27 0.9	2.321	3.295	5.7	19.3
5 31	14 27.65	−26 28.3	2.365	3.291	8.5	19.4
6 10	14 22.11	−25 55.4	2.434	3.286	11.2	19.6

343154 2009 HN_{18} 5 5.0 70°.65 4°.0/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 11.95	− 7 9.0	2.075	2.933	11.9	20.4
4 11	15 6.70	− 6 3.7	2.033	2.962	8.8	20.3
4 21	14 59.87	− 4 58.5	2.016	2.990	5.7	20.2
5 1	14 52.16	− 3 58.7	2.026	3.019	4.0	20.1
5 11	14 44.42	− 3 9.0	2.065	3.047	5.3	20.2
5 21	14 37.41	− 2 33.0	2.130	3.076	8.1	20.4
5 31	14 31.75	− 2 12.5	2.220	3.103	10.9	20.7
6 10	14 27.86	− 2 7.7	2.332	3.131	13.3	20.9

52058 2002 PQ_{132} 5 5.0 284°.38 0°.6/ 5.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.66	−19 12.6	1.573	2.425	15.3	19.7
4 11	15 9.95	−19 1.0	1.478	2.404	11.7	19.4
4 21	15 2.52	−18 37.4	1.405	2.382	7.3	19.1
5 1	14 53.10	−18 2.9	1.356	2.361	2.4	18.7
5 11	14 42.86	−17 21.2	1.333	2.339	3.0	18.7
5 21	14 33.12	−16 37.7	1.336	2.317	8.2	18.9
5 31	14 25.13	−15 58.9	1.363	2.294	13.0	19.1
6 10	14 19.77	−15 30.6	1.410	2.272	17.2	19.3

268143 2004 TQ_{224} 5 5.0 309°.82 0°.1/ 4.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 12.34	−17 47.9	1.695	2.550	14.3	20.7
4 11	15 7.80	−17 24.1	1.615	2.543	10.7	20.4
4 21	15 0.96	−16 50.0	1.557	2.537	6.5	20.2
5 1	14 52.58	−16 8.1	1.525	2.531	1.9	19.9
5 11	14 43.72	−15 22.7	1.519	2.524	2.9	19.9
5 21	14 35.49	−14 39.3	1.540	2.519	7.5	20.2
5 31	14 28.88	−14 3.2	1.585	2.513	11.8	20.4
6 10	14 24.58	−13 38.6	1.651	2.507	15.4	20.6

177315 2003 YO_{33} 5 5.0 189°.78 2°.6/ 3.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.81	−10 56.3	1.993	2.844	12.7	21.4
4 11	15 9.93	−10 16.5	1.916	2.843	9.4	21.2
4 21	15 2.04	− 9 32.6	1.863	2.841	5.7	21.0
5 1	14 52.86	− 8 48.5	1.837	2.839	2.8	20.8
5 11	14 43.33	− 8 8.6	1.840	2.836	4.2	20.9
5 21	14 34.40	− 7 37.3	1.871	2.832	7.9	21.1
5 31	14 26.91	− 7 17.9	1.927	2.828	11.4	21.3
6 10	14 21.47	− 7 12.1	2.005	2.823	14.5	21.5

147182 2002 VF_{62} 5 5.0 292°.72 1°.4/ 5.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 13.93	−20 49.3	1.550	2.401	15.6	19.7
4 11	15 9.44	−20 42.9	1.457	2.381	11.9	19.4
4 21	15 2.22	−20 23.2	1.386	2.362	7.6	19.1
5 1	14 53.02	−19 50.8	1.338	2.342	2.9	18.8
5 11	14 43.02	−19 9.1	1.317	2.322	3.1	18.7
5 21	14 33.55	−18 23.5	1.321	2.303	8.0	19.0
5 31	14 25.87	−17 40.8	1.349	2.284	12.8	19.2
6 10	14 20.85	−17 7.1	1.397	2.265	17.0	19.4

9631 Hubertreeves 5 5.0 188°.69 0°.8/ 4.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 12.24	−15 50.6	2.175	3.021	11.9	18.3
4 11	15 7.19	−15 21.4	2.096	3.021	8.8	18.1
4 21	15 0.35	−14 45.3	2.041	3.020	5.3	17.9
5 1	14 52.37	−14 4.8	2.014	3.019	1.6	17.6
5 11	14 44.09	−13 23.6	2.015	3.018	2.7	17.7
5 21	14 36.33	−12 45.8	2.044	3.017	6.4	17.9
5 31	14 29.86	−12 15.1	2.099	3.016	9.9	18.2
6 10	14 25.22	−11 54.5	2.177	3.014	12.9	18.3

278701 2008 RK_{141} 5 5.0 198°.71 2°.6/ 6.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.92	−25 9.9	1.962	2.788	13.8	20.7
4 11	15 8.77	−25 3.9	1.880	2.787	10.7	20.5
4 21	15 1.46	−24 43.7	1.821	2.786	7.2	20.3
5 1	14 52.73	−24 9.6	1.787	2.785	3.7	20.0
5 11	14 43.60	−23 24.5	1.781	2.783	3.1	20.0
5 21	14 35.09	−22 33.0	1.802	2.782	6.5	20.2
5 31	14 28.12	−21 40.8	1.849	2.780	10.1	20.4
6 10	14 23.33	−20 53.7	1.918	2.779	13.4	20.6

20421 1998 TG_{3} 5 5.0 303°.00 5°.7/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 10.31	−11 17.9	1.435	2.310	15.2	17.2
4 11	15 6.81	− 8 54.0	1.336	2.276	11.4	16.9
4 21	15 0.67	− 6 10.6	1.262	2.242	7.5	16.6
5 1	14 52.59	− 3 18.0	1.214	2.208	5.7	16.4
5 11	14 43.71	− 0 30.6	1.193	2.173	8.6	16.5
5 21	14 35.28	+ 1 56.8	1.197	2.139	13.3	16.6
5 31	14 28.53	+ 3 53.2	1.223	2.105	17.9	16.8
6 10	14 24.36	+ 5 13.5	1.267	2.071	22.1	17.0

523699 2014 GH_{54} 5 5.0 358°.59 0°.2/ 7.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 52.11	−24 35.5	36.373	37.175	0.9	21.9
4 11	14 51.29	−24 34.7	36.282	37.174	0.7	21.9
4 21	14 50.39	−24 33.2	36.217	37.174	0.5	21.8
5 1	14 49.44	−24 31.1	36.181	37.173	0.3	21.8
5 11	14 48.48	−24 28.6	36.174	37.173	0.2	21.8
5 21	14 47.53	−24 25.7	36.196	37.172	0.4	21.8
5 31	14 46.64	−24 22.6	36.246	37.172	0.6	21.9
6 10	14 45.84	−24 19.5	36.323	37.171	0.9	21.9

430434 1999 VM_{212} 5 5.0 157°.83 0°.2/ 5.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.06	−18 55.8	2.259	3.096	11.9	22.2
4 11	15 7.72	−18 28.3	2.182	3.101	8.8	22.1
4 21	15 0.64	−17 51.8	2.130	3.105	5.4	21.8
5 1	14 52.46	−17 8.6	2.105	3.110	1.6	21.6
5 11	14 44.03	−16 22.0	2.109	3.114	2.2	21.6
5 21	14 36.16	−15 36.4	2.141	3.117	5.9	21.9
5 31	14 29.58	−14 55.8	2.200	3.120	9.3	22.1
6 10	14 24.81	−14 23.7	2.282	3.123	12.2	22.3

246170 2007 RY_{13} 5 5.0 271°.88 2°.3/ 6.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.19	−24 49.1	2.150	2.973	12.9	21.0
4 11	15 8.24	−24 35.4	2.045	2.951	10.0	20.8
4 21	15 1.20	−24 7.8	1.963	2.928	6.7	20.5
5 1	14 52.69	−23 26.7	1.907	2.905	3.3	20.2
5 11	14 43.62	−22 34.6	1.879	2.882	2.9	20.2
5 21	14 34.96	−21 35.9	1.879	2.858	6.3	20.3
5 31	14 27.63	−20 36.2	1.905	2.834	10.0	20.5
6 10	14 22.32	−19 41.4	1.954	2.810	13.4	20.7

205759 2002 CD_{34} 5 5.0 348°.47 4°.6/ 2.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.18	− 7 40.1	1.305	2.180	16.5	19.7
4 11	15 10.32	− 7 8.4	1.240	2.178	12.3	19.4
4 21	15 2.67	− 6 36.1	1.196	2.176	7.9	19.1
5 1	14 53.13	− 6 8.8	1.175	2.174	4.7	18.9
5 11	14 43.08	− 5 52.3	1.179	2.173	6.4	19.0
5 21	14 33.88	− 5 51.1	1.207	2.172	10.8	19.3
5 31	14 26.73	− 6 7.5	1.257	2.172	15.2	19.5
6 10	14 22.40	− 6 41.3	1.325	2.172	19.0	19.8

191854 2004 VV_{61} 5 5.0 201°.61 3°.6/ 2.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.71	− 5 39.6	2.261	3.108	11.5	20.5
4 11	15 9.67	− 5 19.2	2.182	3.104	8.6	20.3
4 21	15 1.84	− 5 0.0	2.128	3.100	5.7	20.2
5 1	14 52.84	− 4 45.2	2.101	3.096	3.7	20.0
5 11	14 43.52	− 4 38.2	2.104	3.091	4.8	20.1
5 21	14 34.68	− 4 41.1	2.134	3.085	7.8	20.2
5 31	14 27.10	− 4 55.3	2.191	3.079	10.8	20.4
6 10	14 21.33	− 5 21.3	2.270	3.072	13.5	20.6

211826 2004 EE_{44} 5 5.0 320°.61 4°.1/ 1.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 9.20	− 7 55.0	2.036	2.899	11.9	20.0
4 11	15 5.01	− 6 39.4	1.964	2.896	8.9	19.8
4 21	14 59.07	− 5 20.9	1.916	2.893	5.8	19.6
5 1	14 52.04	− 4 5.2	1.896	2.889	4.1	19.5
5 11	14 44.73	− 2 58.4	1.903	2.886	5.7	19.6
5 21	14 37.95	− 2 5.4	1.937	2.883	8.7	19.7
5 31	14 32.44	− 1 29.7	1.995	2.881	11.8	19.9
6 10	14 28.70	− 1 12.3	2.074	2.878	14.6	20.1

246410 2007 UH_{115} 5 5.0 330°.14 0°.2/ 5.2 17

4 1	15 14.14	−16 18.5	1.750	2.603	14.0	20.1
4 11	15 9.19	−16 36.1	1.666	2.593	10.5	19.8
4 21	15 1.88	−16 47.9	1.605	2.584	6.4	19.6
5 1	14 52.93	−16 54.7	1.569	2.574	2.0	19.3
5 11	14 43.38	−16 58.2	1.560	2.566	2.7	19.3
5 21	14 34.36	−17 1.2	1.578	2.558	7.3	19.6
5 31	14 26.92	−17 6.9	1.621	2.550	11.4	19.8
6 10	14 21.79	−17 18.3	1.685	2.543	15.0	20.0

415166 2012 FJ_{50} 5 5.0 120°.29 1°.1/ 4.4 16

4 1	15 16.96	−14 53.0	1.799	2.648	13.9	22.3
4 11	15 10.87	−14 30.9	1.737	2.663	10.2	22.1
4 21	15 2.63	−14 2.3	1.697	2.677	6.1	21.9
5 1	14 53.07	−13 29.8	1.685	2.690	1.9	21.6
5 11	14 43.27	−12 57.7	1.700	2.703	3.2	21.7
5 21	14 34.27	−12 30.0	1.743	2.715	7.4	22.0
5 31	14 26.94	−12 10.7	1.811	2.727	11.2	22.3
6 10	14 21.87	−12 2.2	1.900	2.739	14.4	22.5

174575 2003 OA_{27} 5 5.0 238°.84 1°.9/ 3.7 17

4 1	15 15.27	−14 15.1	1.814	2.666	13.6	20.8
4 11	15 9.90	−13 28.1	1.724	2.652	10.1	20.6
4 21	15 2.25	−12 32.4	1.657	2.637	6.1	20.3
5 1	14 53.03	−11 31.8	1.618	2.622	2.3	20.0
5 11	14 43.26	−10 31.8	1.606	2.606	3.9	20.1
5 21	14 34.03	− 9 38.2	1.621	2.589	8.2	20.3
5 31	14 26.34	− 8 56.5	1.661	2.572	12.4	20.5
6 10	14 20.89	− 8 30.0	1.723	2.554	16.0	20.7

465062 2006 SJ_{76} 5 5.0 291°.74 1°.3/ 5.7 17

4 1	15 16.91	−18 51.7	1.525	2.376	15.8	21.6
4 11	15 11.66	−19 12.0	1.440	2.365	12.0	21.3
4 21	15 3.58	−19 23.4	1.377	2.354	7.6	21.0
5 1	14 53.47	−19 25.7	1.339	2.343	2.8	20.7
5 11	14 42.58	−19 20.6	1.326	2.332	3.1	20.7
5 21	14 32.28	−19 11.6	1.340	2.321	8.1	20.9
5 31	14 23.88	−19 3.6	1.377	2.311	12.7	21.2
6 10	14 18.24	−19 1.2	1.435	2.300	16.8	21.4

386965 2011 UP_{211} 5 5.0 278°.86 2°.1/ 6.6 16

4 1	15 12.32	−23 25.1	2.235	3.061	12.3	21.1
4 11	15 7.43	−23 26.6	2.143	3.052	9.5	20.9
4 21	15 0.63	−23 17.2	2.076	3.043	6.2	20.7
5 1	14 52.54	−22 57.1	2.034	3.033	3.0	20.5
5 11	14 44.01	−22 28.5	2.020	3.024	2.7	20.4
5 21	14 35.93	−21 54.5	2.035	3.014	5.9	20.6
5 31	14 29.14	−21 19.7	2.075	3.005	9.3	20.8
6 10	14 24.24	−20 48.5	2.139	2.996	12.4	21.0

444018 2004 EU_{95} 5 5.0 28°.71 0°.0/ 4.7 17

4 1	14 51.60	−15 20.9	41.733	42.569	0.7	23.4
4 11	14 50.93	−15 17.9	41.649	42.569	0.5	23.3
4 21	14 50.20	−15 14.7	41.593	42.570	0.3	23.3
5 1	14 49.42	−15 11.3	41.565	42.570	0.1	23.3
5 11	14 48.64	−15 7.9	41.567	42.571	0.1	23.3
5 21	14 47.87	−15 4.6	41.598	42.572	0.4	23.3
5 31	14 47.14	−15 1.6	41.657	42.572	0.6	23.4
6 10	14 46.49	−14 58.9	41.743	42.573	0.8	23.4

89269 2001 VS_{9} 5 5.1 219°.88 3°.6/ 2.9 16

4 1	15 17.61	− 8 51.2	1.689	2.546	14.2	20.7
4 11	15 11.70	− 8 18.0	1.610	2.539	10.7	20.4
4 21	15 3.35	− 7 42.4	1.553	2.531	6.7	20.2
5 1	14 53.37	− 7 8.7	1.522	2.522	3.7	20.0
5 11	14 42.84	− 6 42.1	1.519	2.513	5.3	20.0
5 21	14 32.95	− 6 26.7	1.542	2.503	9.3	20.3
5 31	14 24.74	− 6 25.5	1.589	2.492	13.3	20.5
6 10	14 18.94	− 6 39.8	1.657	2.481	16.8	20.7

496102 2009 UP_{133} 5 5.1 219°.71 1°.4/ 3.9 18

4 1	15 13.50	−14 53.9	2.134	2.981	12.1	22.2
4 11	15 8.23	−14 8.1	2.047	2.972	8.9	22.0
4 21	15 1.07	−13 14.5	1.984	2.963	5.4	21.8
5 1	14 52.66	−12 16.5	1.949	2.954	1.8	21.5
5 11	14 43.89	−11 18.8	1.943	2.944	3.2	21.6
5 21	14 35.61	−10 26.1	1.965	2.933	7.0	21.8
5 31	14 28.65	− 9 43.1	2.013	2.922	10.6	22.0
6 10	14 23.57	− 9 12.8	2.083	2.910	13.7	22.2

191055 2002 CC_{81} 5 5.1 317°.66 5°.8/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 11.51	− 3 58.0	1.698	2.566	13.6	20.0
4 11	15 7.03	− 2 53.2	1.630	2.561	10.4	19.8
4 21	15 0.45	− 1 49.5	1.584	2.556	7.3	19.6
5 1	14 52.49	− 0 53.7	1.565	2.551	5.8	19.5
5 11	14 44.16	− 0 12.0	1.571	2.547	7.4	19.5
5 21	14 36.47	+ 0 11.2	1.602	2.543	10.6	19.7
5 31	14 30.30	+ 0 13.6	1.655	2.539	13.9	19.9
6 10	14 26.27	− 0 4.3	1.728	2.535	16.9	20.1

281083 2006 SD_{55} 5 5.1 164°.51 4°.7/29.9 18

4 1	15 9.91	− 1 5.9	2.837	3.684	9.4	21.4
4 11	15 5.02	− 0 3.2	2.772	3.689	7.3	21.3
4 21	14 58.88	+ 0 56.6	2.734	3.693	5.4	21.2
5 1	14 51.98	+ 1 49.5	2.724	3.697	4.7	21.1
5 11	14 44.92	+ 2 31.7	2.743	3.701	5.7	21.2
5 21	14 38.28	+ 3 0.6	2.789	3.704	7.7	21.3
5 31	14 32.57	+ 3 15.0	2.860	3.707	9.8	21.5
6 10	14 28.20	+ 3 14.7	2.953	3.709	11.8	21.6

308614 2005 WO_{111} 5 5.1 223°.92 1°.1/ 4.0 17

4 1	15 9.62	−15 8.1	2.460	3.307	10.7	21.0
4 11	15 5.10	−14 27.7	2.379	3.305	7.9	20.8
4 21	14 59.06	−13 41.0	2.323	3.303	4.7	20.6
5 1	14 52.06	−12 50.9	2.295	3.300	1.5	20.4
5 11	14 44.80	−12 1.2	2.296	3.297	2.7	20.5
5 21	14 38.00	−11 15.7	2.325	3.295	6.0	20.7
5 31	14 32.28	−10 38.0	2.380	3.292	9.1	20.9
6 10	14 28.12	−10 10.7	2.459	3.289	11.8	21.1

474088 2016 KB_{2} 5 5.1 290°.03 5°.5/ 1.9 18

4 1	15 15.29	− 2 45.5	1.723	2.583	13.9	20.4
4 11	15 9.86	− 2 17.7	1.650	2.577	10.6	20.2
4 21	15 2.18	− 1 54.1	1.600	2.570	7.4	20.0
5 1	14 53.01	− 1 39.6	1.576	2.564	5.5	19.9
5 11	14 43.40	− 1 38.5	1.577	2.558	6.9	19.9
5 21	14 34.42	− 1 53.6	1.605	2.552	10.1	20.1
5 31	14 27.02	− 2 25.5	1.656	2.546	13.6	20.3
6 10	14 21.87	− 3 13.2	1.727	2.540	16.7	20.5

51049 2000 GE_{137} 5 5.1 67°.22 8°.2/30.1 18

4 1	15 14.48	+ 2 7.4	1.563	2.426	14.9	17.6
4 11	15 9.19	+ 3 10.1	1.514	2.435	11.8	17.5
4 21	15 1.68	+ 4 3.7	1.487	2.444	9.2	17.3
5 1	14 52.83	+ 4 41.0	1.484	2.454	8.2	17.3
5 11	14 43.75	+ 4 56.5	1.506	2.464	9.5	17.4
5 21	14 35.53	+ 4 47.9	1.552	2.474	12.2	17.6
5 31	14 29.06	+ 4 15.8	1.619	2.484	15.2	17.8
6 10	14 24.91	+ 3 23.1	1.705	2.493	17.8	18.0

299361 2005 TT_{21} 5 5.1 297°.85 2°.0/ 6.4 18

4 1	15 13.76	−22 3.1	2.243	3.071	12.2	20.4
4 11	15 8.49	−22 22.0	2.155	3.065	9.4	20.2
4 21	15 1.28	−22 32.0	2.091	3.059	6.1	20.0
5 1	14 52.75	−22 32.9	2.053	3.053	2.9	19.8
5 11	14 43.77	−22 26.0	2.044	3.047	2.7	19.8
5 21	14 35.24	−22 13.8	2.063	3.042	5.9	20.0
5 31	14 27.99	−21 59.8	2.108	3.036	9.3	20.1
6 10	14 22.65	−21 47.8	2.176	3.031	12.3	20.3

299264 2005 NT_{58} 5 5.1 252°.42 1°.4/ 3.9 18

4 1	15 11.17	−13 39.7	2.318	3.167	11.2	21.3
4 11	15 6.38	−13 11.9	2.233	3.159	8.2	21.1
4 21	14 59.91	−12 39.1	2.172	3.151	4.9	20.9
5 1	14 52.33	−12 3.7	2.139	3.143	1.7	20.7
5 11	14 44.43	−11 29.5	2.134	3.135	3.0	20.7
5 21	14 36.96	−10 59.7	2.157	3.127	6.4	20.9
5 31	14 30.64	−10 37.6	2.207	3.118	9.7	21.1
6 10	14 26.02	−10 25.6	2.279	3.110	12.6	21.3

225879 2001 YS_{65} 5 5.1 136°.29 0°.1/ 4.9 18

4 1	15 7.78	−16 44.7	3.855	4.686	7.5	21.8
4 11	15 3.23	−16 29.0	3.780	4.697	5.5	21.7
4 21	14 57.73	−16 9.3	3.732	4.707	3.3	21.5
5 1	14 51.65	−15 46.9	3.712	4.718	0.9	21.4
5 11	14 45.45	−15 23.4	3.723	4.727	1.5	21.4
5 21	14 39.56	−15 0.9	3.764	4.737	3.8	21.6
5 31	14 34.37	−14 41.1	3.833	4.747	5.9	21.8
6 10	14 30.19	−14 25.7	3.928	4.756	7.8	21.9

94396 2001 SN_{213} 5 5.1 330°.67 3°.7/ 3.7 17

4 1	15 9.85	−10 9.5	0.938	1.837	19.1	18.6
4 11	15 7.60	−10 1.3	0.861	1.812	14.5	18.2
4 21	15 1.76	− 9 50.4	0.801	1.788	9.1	17.8
5 1	14 53.10	− 9 41.8	0.761	1.766	4.1	17.4
5 11	14 43.16	− 9 42.1	0.742	1.745	6.2	17.4
5 21	14 33.83	− 9 56.7	0.743	1.725	12.4	17.7
5 31	14 26.92	−10 29.5	0.762	1.708	18.4	17.9
6 10	14 23.67	−11 21.8	0.796	1.693	23.7	18.2

75826 2000 BH_{17} 5 5.1 146°.40 3°.4/ 2.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 12.60	− 8 4.0	2.052	2.909	12.1	19.7
4 11	15 7.49	− 7 26.2	1.983	2.911	9.0	19.5
4 21	15 0.58	− 6 47.4	1.937	2.914	5.7	19.3
5 1	14 52.52	− 6 11.4	1.919	2.916	3.4	19.2
5 11	14 44.19	− 5 42.5	1.928	2.918	4.8	19.3
5 21	14 36.44	− 5 24.1	1.964	2.921	8.0	19.5
5 31	14 30.01	− 5 18.5	2.026	2.922	11.2	19.7
6 10	14 25.45	− 5 26.5	2.109	2.924	14.0	19.8

105772 2000 ST_{108} 5 5.1 270°.86 1°.9/ 6.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.69	−22 19.2	2.328	3.153	11.9	20.1
4 11	15 8.44	−22 31.8	2.231	3.140	9.2	19.8
4 21	15 1.27	−22 35.3	2.158	3.126	6.0	19.6
5 1	14 52.77	−22 29.6	2.112	3.112	2.8	19.4
5 11	14 43.78	−22 16.1	2.095	3.098	2.6	19.3
5 21	14 35.17	−21 57.3	2.106	3.084	5.8	19.5
5 31	14 27.78	−21 37.0	2.143	3.070	9.2	19.7
6 10	14 22.24	−21 19.1	2.204	3.056	12.2	19.9

276419 2003 AA_{59} 5 5.1 109°.19 3°.4/ 2.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.48	− 8 10.9	1.981	2.832	12.7	21.4
4 11	15 10.21	− 7 32.1	1.928	2.854	9.4	21.2
4 21	15 2.11	− 6 52.7	1.900	2.876	5.9	21.1
5 1	14 52.94	− 6 16.6	1.899	2.897	3.5	20.9
5 11	14 43.67	− 5 48.1	1.927	2.917	4.8	21.1
5 21	14 35.16	− 5 30.4	1.982	2.937	8.0	21.3
5 31	14 28.17	− 5 25.3	2.062	2.956	11.1	21.5
6 10	14 23.18	− 5 33.5	2.165	2.974	13.9	21.7

289598 2005 GX_6 5 5.1 348°.15 0°.6/ 5.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.04	−15 3.4	1.074	1.956	18.7	19.2
4 11	15 10.35	−15 50.8	1.004	1.945	14.1	18.9
4 21	15 3.19	−16 34.6	0.952	1.935	8.7	18.5
5 1	14 53.46	−17 14.2	0.922	1.927	2.7	18.1
5 11	14 42.74	−17 50.2	0.914	1.921	3.7	18.2
5 21	14 32.80	−18 24.0	0.930	1.916	9.8	18.5
5 31	14 25.29	−18 58.8	0.966	1.913	15.3	18.8
6 10	14 21.25	−19 37.8	1.019	1.911	20.0	19.0

214498 2005 WZ_4 5 5.1 243°.89 5°.1/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 10.61	+ 1 41.3	3.001	3.842	9.1	21.1
4 11	15 5.61	+ 2 29.9	2.915	3.824	7.2	21.0
4 21	14 59.31	+ 3 14.7	2.854	3.805	5.6	20.8
5 1	14 52.16	+ 3 51.7	2.821	3.786	5.1	20.8
5 11	14 44.74	+ 4 17.6	2.817	3.766	6.1	20.8
5 21	14 37.61	+ 4 30.3	2.840	3.746	7.9	20.9
5 31	14 31.33	+ 4 28.4	2.888	3.725	10.0	21.0
6 10	14 26.33	+ 4 12.3	2.958	3.704	11.9	21.1

174165 2002 PH_{73} 5 5.1 301°.41 2°.9/ 6.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.51	−25 20.0	1.500	2.341	16.5	19.8
4 11	15 9.15	−25 7.2	1.417	2.333	12.9	19.6
4 21	15 2.05	−24 35.7	1.355	2.325	8.6	19.3
5 1	14 53.05	−23 45.7	1.317	2.316	4.3	19.0
5 11	14 43.44	−22 41.2	1.305	2.309	3.6	18.9
5 21	14 34.56	−21 29.0	1.317	2.301	7.9	19.2
5 31	14 27.62	−20 17.8	1.354	2.293	12.4	19.4
6 10	14 23.41	−19 15.6	1.411	2.286	16.5	19.6

120693 1997 GN_1 5 5.1 91°.29 2°.4/ 6.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.12	−23 28.8	1.907	2.737	14.0	20.2
4 11	15 9.66	−23 35.7	1.835	2.745	10.7	20.0
4 21	15 2.02	−23 30.1	1.786	2.753	7.0	19.8
5 1	14 52.98	−23 12.5	1.762	2.761	3.4	19.6
5 11	14 43.59	−22 45.2	1.766	2.769	3.0	19.6
5 21	14 34.88	−22 12.2	1.797	2.777	6.5	19.8
5 31	14 27.78	−21 38.4	1.853	2.785	10.1	20.0
6 10	14 22.90	−21 9.0	1.933	2.792	13.3	20.2

230109 2001 AL_{27} 5 5.1 118°.23 2°.8/ 3.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.78	− 8 32.8	2.113	2.962	12.1	20.6
4 11	15 9.71	− 8 13.4	2.051	2.976	8.9	20.4
4 21	15 1.85	− 7 53.4	2.013	2.990	5.6	20.2
5 1	14 52.90	− 7 35.9	2.003	3.003	3.0	20.1
5 11	14 43.75	− 7 24.0	2.022	3.016	4.2	20.2
5 21	14 35.26	− 7 20.2	2.069	3.028	7.4	20.4
5 31	14 28.16	− 7 26.4	2.141	3.041	10.5	20.6
6 10	14 22.96	− 7 43.2	2.236	3.052	13.3	20.8

106483 2000 WF_{22} 5 5.1 135°.16 4°.0/ 2.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.05	− 2 9.1	2.643	3.483	10.2	19.5
4 11	15 8.88	− 2 0.1	2.576	3.492	7.8	19.3
4 21	15 1.25	− 1 54.9	2.534	3.499	5.4	19.2
5 1	14 52.73	− 1 56.3	2.521	3.507	4.0	19.1
5 11	14 44.02	− 2 6.3	2.537	3.514	4.9	19.2
5 21	14 35.79	− 2 26.1	2.582	3.521	7.2	19.3
5 31	14 28.67	− 2 56.0	2.653	3.528	9.6	19.5
6 10	14 23.10	− 3 35.7	2.748	3.534	11.8	19.7

314051 2005 AM_{21} 5 5.1 174°.42 1°.0/ 5.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 18.01	−20 5.3	1.846	2.682	14.1	22.0
4 11	15 11.86	−19 57.2	1.768	2.685	10.7	21.8
4 21	15 3.40	−19 38.3	1.713	2.687	6.6	21.5
5 1	14 53.41	−19 9.7	1.685	2.689	2.3	21.2
5 11	14 43.00	−18 34.6	1.684	2.690	2.6	21.3
5 21	14 33.28	−17 57.4	1.712	2.690	6.9	21.5
5 31	14 25.24	−17 23.4	1.765	2.690	10.9	21.8
6 10	14 19.54	−16 57.1	1.840	2.689	14.4	22.0

472270 2014 UJ_1 5 5.1 320°.87 4°.0/ 3.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.29	− 8 11.1	1.344	2.217	16.2	20.1
4 11	15 10.52	− 7 53.4	1.271	2.208	12.2	19.9
4 21	15 2.91	− 7 35.2	1.219	2.199	7.7	19.6
5 1	14 53.33	− 7 21.1	1.190	2.191	4.2	19.4
5 11	14 43.09	− 7 16.2	1.186	2.183	5.9	19.4
5 21	14 33.57	− 7 24.1	1.207	2.175	10.4	19.7
5 31	14 26.03	− 7 47.4	1.249	2.168	15.0	19.9
6 10	14 21.30	− 8 26.2	1.311	2.162	18.9	20.1

40484 1999 RA_{63} 5 5.1 302°.88 1°.1/ 5.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 12.91	−20 37.3	1.371	2.231	16.7	18.3
4 11	15 9.05	−20 22.1	1.279	2.208	12.8	18.0
4 21	15 2.22	−19 51.3	1.207	2.186	8.1	17.7
5 1	14 53.18	−19 6.0	1.159	2.164	2.9	17.3
5 11	14 43.23	−18 10.5	1.135	2.142	3.2	17.3
5 21	14 33.82	−17 11.8	1.136	2.120	8.8	17.5
5 31	14 26.37	−16 18.2	1.160	2.099	14.1	17.7
6 10	14 21.83	−15 36.9	1.202	2.078	18.7	17.9

460467 2014 SR_{264} 5 5.1 296°.08 1°.5/ 4.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.05	−15 3.0	1.327	2.197	16.6	21.4
4 11	15 9.81	−14 35.8	1.243	2.180	12.4	21.1
4 21	15 2.62	−13 58.3	1.180	2.163	7.6	20.8
5 1	14 53.28	−13 14.2	1.141	2.146	2.4	20.4
5 11	14 43.12	−12 29.3	1.126	2.129	4.2	20.5
5 21	14 33.59	−11 50.2	1.135	2.113	9.7	20.7
5 31	14 26.05	−11 23.3	1.167	2.097	14.8	21.0
6 10	14 21.42	−11 12.8	1.217	2.081	19.3	21.2

442019 2010 OO_{94} 5 5.1 315°.69 1°.6/ 4.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 19.10	− 9 43.8	1.934	2.781	13.1	20.1
4 11	15 12.88	−10 20.6	1.831	2.755	9.9	19.9
4 21	15 4.23	−10 59.7	1.752	2.729	6.1	19.6
5 1	14 53.75	−11 41.9	1.700	2.704	2.2	19.3
5 11	14 42.43	−12 27.8	1.677	2.679	3.4	19.3
5 21	14 31.38	−13 17.8	1.683	2.655	7.6	19.5
5 31	14 21.71	−14 12.4	1.715	2.631	11.8	19.7
6 10	14 14.28	−15 12.1	1.770	2.607	15.4	19.9

415658 2014 QO_{410} 5 5.1 152°.01 2°.1/ 3.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.79	−13 6.7	1.791	2.642	13.8	21.5
4 11	15 10.82	−12 25.1	1.723	2.651	10.2	21.3
4 21	15 2.68	−11 37.3	1.679	2.658	6.1	21.0
5 1	14 53.19	−10 47.4	1.662	2.666	2.4	20.8
5 11	14 43.41	−10 0.5	1.673	2.672	4.0	20.9
5 21	14 34.38	− 9 21.5	1.711	2.678	8.0	21.2
5 31	14 27.00	− 8 54.4	1.774	2.683	11.8	21.4
6 10	14 21.87	− 8 41.5	1.858	2.687	15.1	21.6

251679 1995 TD_3 5 5.1 269°.30 1°.7/ 6.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.46	−21 26.2	1.697	2.537	15.0	21.2
4 11	15 11.23	−21 28.1	1.600	2.518	11.5	20.9
4 21	15 3.33	−21 17.6	1.525	2.497	7.4	20.6
5 1	14 53.49	−20 54.9	1.474	2.477	3.1	20.3
5 11	14 42.84	−20 22.3	1.451	2.456	3.0	20.3
5 21	14 32.66	−19 44.2	1.454	2.435	7.6	20.5
5 31	14 24.16	−19 6.8	1.481	2.413	12.2	20.7
6 10	14 18.22	−18 35.9	1.531	2.391	16.2	20.9

119649 2001 XU_{45} 5 5.1 275°.43 0°.9/ 4.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 18.18	−13 51.8	1.951	2.794	13.2	18.7
4 11	15 12.22	−13 55.1	1.842	2.765	9.9	18.4
4 21	15 3.84	−13 54.1	1.758	2.736	6.1	18.1
5 1	14 53.64	−13 50.2	1.700	2.706	1.9	17.7
5 11	14 42.60	−13 45.7	1.671	2.675	3.1	17.8
5 21	14 31.83	−13 43.4	1.670	2.643	7.6	18.0
5 31	14 22.42	−13 46.5	1.695	2.611	11.8	18.1
6 10	14 15.24	−13 57.9	1.742	2.579	15.6	18.3

502169 2015 BN_{59} 5 5.1 157°.05 4°.4/ 1.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.71	− 4 44.8	2.187	3.038	11.7	22.3
4 11	15 8.90	− 3 55.1	2.123	3.045	8.8	22.2
4 21	15 1.37	− 3 6.6	2.083	3.053	6.0	22.0
5 1	14 52.79	− 2 23.8	2.070	3.059	4.4	21.9
5 11	14 44.00	− 1 51.1	2.086	3.065	5.7	22.0
5 21	14 35.80	− 1 31.5	2.130	3.070	8.4	22.2
5 31	14 28.90	− 1 26.8	2.199	3.075	11.3	22.3
6 10	14 23.81	− 1 37.1	2.289	3.079	13.8	22.5

312163 2007 UD_{60} 5 5.1 111°.73 0°.5/ 5.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 17.19	−19 17.6	1.652	2.497	15.1	22.0
4 11	15 11.30	−18 58.4	1.589	2.512	11.3	21.8
4 21	15 3.03	−18 27.9	1.549	2.525	6.9	21.6
5 1	14 53.30	−17 48.4	1.534	2.539	2.2	21.3
5 11	14 43.29	−17 4.1	1.546	2.552	2.7	21.4
5 21	14 34.16	−16 20.6	1.585	2.564	7.3	21.7
5 31	14 26.88	−15 43.2	1.649	2.576	11.4	21.9
6 10	14 22.06	−15 16.2	1.735	2.588	14.9	22.2

56174 1999 FQ_{13} 5 5.1 176°.90 1°.1/ 4.3 17

4 1	15 13.96	−15 31.1	1.856	2.708	13.4	19.6
4 11	15 8.78	−14 58.7	1.781	2.709	9.9	19.4
4 21	15 1.50	−14 18.4	1.730	2.709	5.9	19.1
5 1	14 52.88	−13 33.3	1.704	2.710	1.8	18.8
5 11	14 43.89	−12 48.0	1.707	2.710	3.2	18.9
5 21	14 35.55	−12 7.4	1.736	2.710	7.3	19.2
5 31	14 28.73	−11 35.8	1.791	2.709	11.2	19.4
6 10	14 24.04	−11 16.4	1.868	2.709	14.5	19.6

479017 2012 YG_{1} 5 5.1 105°.94 4°.9/30.5 17

4 1	15 10.23	− 1 29.8	2.486	3.338	10.4	21.4
4 11	15 5.41	− 0 35.5	2.429	3.349	8.0	21.2
4 21	14 59.20	+ 0 15.4	2.397	3.359	5.8	21.1
5 1	14 52.16	+ 0 58.5	2.393	3.370	4.9	21.0
5 11	14 44.97	+ 1 29.9	2.416	3.381	6.0	21.1
5 21	14 38.28	+ 1 47.5	2.466	3.391	8.2	21.3
5 31	14 32.67	+ 1 49.9	2.541	3.401	10.5	21.4
6 10	14 28.55	+ 1 37.5	2.638	3.411	12.6	21.6

107010 2000 YD_{113} 5 5.1 194°.99 1°.8/ 3.7 18

4 1	15 13.84	−12 13.4	2.195	3.043	11.7	20.3
4 11	15 8.40	−11 46.3	2.115	3.041	8.7	20.1
4 21	15 1.17	−11 15.0	2.061	3.039	5.2	19.9
5 1	14 52.77	−10 42.5	2.033	3.037	2.1	19.7
5 11	14 44.05	−10 12.4	2.034	3.034	3.4	19.8
5 21	14 35.83	− 9 48.1	2.064	3.030	6.9	20.0
5 31	14 28.90	− 9 32.7	2.119	3.027	10.2	20.2
6 10	14 23.78	− 9 28.1	2.197	3.022	13.2	20.4

341322 2007 TM_{14} 5 5.1 303°.77 1°.1/ 4.3 18

4 1	15 12.57	−14 32.9	1.965	2.818	12.7	20.8
4 11	15 7.69	−14 12.6	1.887	2.815	9.4	20.5
4 21	15 0.83	−13 46.2	1.833	2.813	5.6	20.3
5 1	14 52.69	−13 16.5	1.805	2.811	1.8	20.0
5 11	14 44.18	−12 47.0	1.805	2.808	3.0	20.1
5 21	14 36.22	−12 21.6	1.833	2.806	7.0	20.4
5 31	14 29.66	−12 3.9	1.885	2.804	10.7	20.6
6 10	14 25.09	−11 56.5	1.959	2.802	13.9	20.8

241550 2010 FD_{57} 5 5.1 160°.85 2°.3/ 3.8 18

4 1	15 16.52	−13 28.8	1.444	2.307	15.9	21.0
4 11	15 11.14	−12 48.2	1.377	2.310	11.7	20.7
4 21	15 3.13	−11 59.7	1.331	2.312	7.1	20.5
5 1	14 53.39	−11 8.2	1.310	2.314	2.7	20.2
5 11	14 43.21	−10 19.7	1.315	2.316	4.5	20.3
5 21	14 33.89	− 9 40.3	1.346	2.318	9.2	20.6
5 31	14 26.54	− 9 14.9	1.400	2.319	13.7	20.8
6 10	14 21.85	− 9 6.3	1.474	2.320	17.5	21.1

140244 2001 SA_{251} 5 5.1 196°.76 1°.1/ 4.0 18

4 1	15 11.48	−13 55.2	2.698	3.539	10.0	21.5
4 11	15 6.38	−13 26.5	2.614	3.537	7.4	21.4
4 21	14 59.84	−12 53.2	2.555	3.533	4.4	21.2
5 1	14 52.38	−12 17.6	2.525	3.530	1.5	21.0
5 11	14 44.66	−11 42.7	2.525	3.526	2.6	21.0
5 21	14 37.34	−11 11.5	2.554	3.522	5.6	21.2
5 31	14 31.04	−10 47.0	2.609	3.517	8.6	21.4
6 10	14 26.21	−10 31.1	2.689	3.512	11.1	21.6

58611 1997 UC_{4} 5 5.1 161°.43 1°.4/ 4.2 18

4 1	15 15.44	−15 54.1	1.501	2.360	15.6	19.0
4 11	15 10.28	−15 9.6	1.431	2.363	11.5	18.8
4 21	15 2.58	−14 14.6	1.384	2.365	6.9	18.5
5 1	14 53.23	−13 13.3	1.361	2.366	2.2	18.2
5 11	14 43.46	−12 12.2	1.365	2.368	3.8	18.3
5 21	14 34.51	−11 18.0	1.395	2.369	8.6	18.6
5 31	14 27.46	−10 36.4	1.448	2.370	13.1	18.8
6 10	14 22.98	−10 11.2	1.522	2.371	16.9	19.1

511925 2015 HU_{150} 5 5.1 226°.75 1°.4/ 6.1 17

4 1	15 14.82	−20 48.7	2.438	3.263	11.5	20.9
4 11	15 9.15	−20 58.6	2.345	3.255	8.7	20.7
4 21	15 1.67	−21 0.4	2.277	3.247	5.6	20.5
5 1	14 52.95	−20 54.6	2.237	3.238	2.3	20.3
5 11	14 43.81	−20 42.5	2.225	3.229	2.3	20.2
5 21	14 35.06	−20 26.6	2.242	3.220	5.6	20.4
5 31	14 27.51	−20 10.3	2.287	3.211	8.8	20.6
6 10	14 21.73	−19 57.1	2.356	3.201	11.7	20.8

334799 2003 SF_{199} 5 5.1 196°.85 2°.8/ 7.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 15.29	−27 19.3	2.843	3.638	10.8	21.8
4 11	15 9.29	−27 24.2	2.748	3.634	8.5	21.6
4 21	15 1.65	−27 17.9	2.678	3.630	5.9	21.4
5 1	14 52.93	−27 0.2	2.635	3.625	3.5	21.2
5 11	14 43.87	−26 32.4	2.622	3.619	3.0	21.2
5 21	14 35.21	−25 57.1	2.638	3.612	5.1	21.3
5 31	14 27.65	−25 18.1	2.683	3.605	7.8	21.5
6 10	14 21.73	−24 39.6	2.752	3.597	10.3	21.6

392625 2011 US_{35} 5 5.1 284°.31 2°.7/ 3.4 18

4 1	15 14.85	− 7 57.6	2.230	3.079	11.5	20.7
4 11	15 9.29	− 7 53.5	2.134	3.059	8.7	20.5
4 21	15 1.83	− 7 49.8	2.063	3.039	5.5	20.2
5 1	14 53.03	− 7 48.8	2.018	3.018	2.9	20.0
5 11	14 43.71	− 7 53.3	2.003	2.998	4.1	20.1
5 21	14 34.73	− 8 5.2	2.015	2.977	7.4	20.2
5 31	14 26.94	− 8 26.2	2.054	2.956	10.8	20.4
6 10	14 20.97	− 8 57.2	2.115	2.935	13.8	20.6

96519 1998 RB_{5} 5 5.1 211°.89 1°.1/ 6.0 18

4 1	15 13.75	−21 20.2	2.401	3.227	11.6	20.2
4 11	15 8.34	−21 8.8	2.311	3.222	8.8	20.0
4 21	15 1.16	−20 47.7	2.244	3.215	5.6	19.7
5 1	14 52.80	−20 18.0	2.206	3.208	2.2	19.5
5 11	14 44.07	−19 42.2	2.196	3.201	2.2	19.5
5 21	14 35.80	−19 3.6	2.215	3.193	5.6	19.7
5 31	14 28.74	−18 26.6	2.261	3.185	8.9	19.9
6 10	14 23.45	−17 54.9	2.331	3.177	11.9	20.1

264188 2010 FV_{15} 5 5.1 311°.26 0°.7/ 4.6 17

4 1	15 11.83	−16 17.8	1.976	2.827	12.7	21.3
4 11	15 7.14	−15 50.2	1.898	2.825	9.4	21.1
4 21	15 0.51	−15 14.6	1.844	2.823	5.7	20.8
5 1	14 52.61	−14 34.0	1.816	2.821	1.7	20.6
5 11	14 44.37	−13 52.1	1.815	2.819	2.8	20.6
5 21	14 36.68	−13 13.6	1.842	2.817	6.8	20.9
5 31	14 30.38	−12 42.6	1.894	2.815	10.5	21.1
6 10	14 26.05	−12 22.2	1.968	2.814	13.7	21.3

177357 2004 AM_{5} 5 5.1 155°.74 2°.4/ 6.9 18

4 1	15 17.50	−24 44.5	2.021	2.840	13.7	20.8
4 11	15 11.35	−24 38.9	1.944	2.848	10.6	20.6
4 21	15 3.04	−24 19.8	1.891	2.855	7.0	20.4
5 1	14 53.35	−23 47.5	1.864	2.861	3.5	20.2
5 11	14 43.33	−23 4.7	1.865	2.867	3.0	20.1
5 21	14 34.00	−22 16.0	1.894	2.873	6.3	20.4
5 31	14 26.26	−21 26.9	1.949	2.877	9.9	20.6
6 10	14 20.74	−20 42.9	2.028	2.881	13.1	20.8

455228 2001 SZ_{13} 5 5.1 268°.29 1°.0/ 4.5 16

4 1	15 16.26	−16 14.5	1.498	2.356	15.7	22.0
4 11	15 11.28	−15 46.4	1.405	2.336	11.8	21.7
4 21	15 3.47	−15 7.1	1.334	2.315	7.2	21.4
5 1	14 53.59	−14 19.6	1.288	2.294	2.2	21.0
5 11	14 42.87	−13 29.0	1.268	2.272	3.7	21.0
5 21	14 32.68	−12 41.7	1.274	2.250	9.0	21.3
5 31	14 24.31	−12 4.3	1.303	2.228	14.0	21.5
6 10	14 18.68	−11 41.6	1.352	2.205	18.3	21.7

381987 2010 HZ_{21} 5 5.1 248°.98 0°.7/ 3.8 17

4 1	15 3.51	−14 36.2	4.720	5.557	6.1	21.1
4 11	15 0.04	−13 54.0	4.630	5.552	4.5	20.9
4 21	14 55.84	−13 8.6	4.568	5.546	2.6	20.8
5 1	14 51.20	−12 21.6	4.536	5.541	0.9	20.6
5 11	14 46.44	−11 35.0	4.535	5.535	1.6	20.7
5 21	14 41.89	−10 50.8	4.564	5.529	3.5	20.8
5 31	14 37.85	−10 10.9	4.621	5.523	5.2	21.0
6 10	14 34.57	− 9 36.6	4.704	5.518	6.8	21.1

228605 2002 AS_{187} 5 5.1 15°.90 7°.6/ 1.7 18

4 1	15 13.45	+ 0 2.3	1.324	2.198	16.3	18.6
4 11	15 8.87	+ 0 34.2	1.272	2.204	12.7	18.4
4 21	15 1.73	+ 0 56.9	1.242	2.210	9.3	18.2
5 1	14 52.99	+ 1 4.0	1.234	2.218	7.6	18.1
5 11	14 43.93	+ 0 50.7	1.250	2.226	8.9	18.2
5 21	14 35.79	+ 0 15.6	1.289	2.236	12.1	18.4
5 31	14 29.61	− 0 40.2	1.350	2.246	15.6	18.7
6 10	14 26.02	− 1 53.4	1.429	2.258	18.8	18.9

382785 2003 SO_{327} 5 5.1 202°.94 0°.2/ 4.9 17

4 1	15 12.81	−17 42.1	2.385	3.222	11.3	22.4
4 11	15 7.59	−17 9.9	2.299	3.219	8.4	22.2
4 21	15 0.67	−16 29.6	2.237	3.214	5.1	22.0
5 1	14 52.66	−15 43.4	2.204	3.209	1.5	21.7
5 11	14 44.34	−14 54.8	2.199	3.204	2.3	21.8
5 21	14 36.50	−14 7.9	2.224	3.198	5.9	22.0
5 31	14 29.83	−13 26.6	2.275	3.191	9.2	22.2
6 10	14 24.88	−12 54.4	2.350	3.185	12.1	22.4

85928 1999 CB_{120} 5 5.1 124°.79 5°.1/ 2.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 17.59	− 2 48.6	1.877	2.728	13.3	19.3
4 11	15 11.26	− 2 22.1	1.817	2.739	10.1	19.1
4 21	15 2.91	− 1 59.7	1.781	2.750	7.0	19.0
5 1	14 53.33	− 1 45.9	1.772	2.760	5.1	18.9
5 11	14 43.51	− 1 44.2	1.790	2.770	6.3	19.0
5 21	14 34.43	− 1 56.7	1.835	2.779	9.3	19.2
5 31	14 26.92	− 2 23.9	1.905	2.788	12.4	19.4
6 10	14 21.54	− 3 4.8	1.996	2.797	15.2	19.6

129420 3114 T_{-3} 5 5.1 258°.47 0°.0/ 4.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 11.30	−17 41.9	2.568	3.405	10.6	20.7
4 11	15 6.47	−17 22.0	2.470	3.389	7.9	20.5
4 21	15 0.03	−16 54.9	2.397	3.373	4.8	20.2
5 1	14 52.51	−16 22.2	2.351	3.357	1.4	20.0
5 11	14 44.62	−15 46.8	2.335	3.340	2.1	20.0
5 21	14 37.07	−15 11.9	2.348	3.323	5.5	20.2
5 31	14 30.57	−14 40.9	2.387	3.306	8.7	20.4
6 10	14 25.64	−14 16.9	2.451	3.289	11.6	20.5

483551 2003 XO_{14} 5 5.1 178°.13 14°.8/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 29.22	−48 52.6	1.385	2.106	23.4	21.2
4 11	15 22.58	−50 7.8	1.312	2.109	21.0	21.0
4 21	15 11.06	−50 47.9	1.253	2.111	18.5	20.9
5 1	14 55.95	−50 41.7	1.211	2.111	16.3	20.7
5 11	14 39.68	−49 43.6	1.189	2.111	14.9	20.6
5 21	14 24.96	−47 57.7	1.188	2.111	15.1	20.6
5 31	14 13.99	−45 37.5	1.207	2.109	16.7	20.7
6 10	14 7.82	−43 1.7	1.247	2.106	19.2	20.9

335104 2004 TL_{149} 5 5.1 194°.73 0°.5/ 4.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 12.68	−17 42.2	1.919	2.768	13.2	21.2
4 11	15 7.83	−17 3.2	1.842	2.767	9.8	21.0
4 21	15 0.95	−16 14.1	1.788	2.766	5.9	20.7
5 1	14 52.78	−15 18.2	1.760	2.765	1.7	20.5
5 11	14 44.27	−14 20.1	1.760	2.764	2.8	20.5
5 21	14 36.37	−13 25.1	1.788	2.763	6.9	20.8
5 31	14 29.93	−12 38.4	1.841	2.762	10.8	21.0
6 10	14 25.54	−12 3.8	1.916	2.761	14.1	21.2

97414 2000 AF_{154} 5 5.1 191°.23 0°.8/ 4.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.25	−14 36.4	2.063	2.910	12.4	19.6
4 11	15 8.87	−14 26.0	1.985	2.910	9.2	19.4
4 21	15 1.55	−14 10.2	1.931	2.909	5.5	19.2
5 1	14 52.96	−13 51.2	1.903	2.909	1.7	18.9
5 11	14 44.01	−13 31.9	1.904	2.908	2.8	19.0
5 21	14 35.61	−13 15.6	1.933	2.907	6.7	19.3
5 31	14 28.57	−13 5.4	1.987	2.905	10.3	19.5
6 10	14 23.48	−13 3.7	2.064	2.904	13.4	19.7

144852 2004 KU_{7} 5 5.1 275°.97 0°.0/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 10.28	−19 6.0	2.246	3.088	11.7	20.1
4 11	15 5.85	−18 26.7	2.159	3.081	8.8	19.9
4 21	14 59.69	−17 37.4	2.097	3.074	5.3	19.7
5 1	14 52.41	−16 40.6	2.061	3.066	1.6	19.4
5 11	14 44.81	−15 40.4	2.054	3.059	2.3	19.4
5 21	14 37.68	−14 41.5	2.075	3.052	6.0	19.7
5 31	14 31.76	−13 48.7	2.122	3.045	9.5	19.9
6 10	14 27.59	−13 5.8	2.193	3.037	12.5	20.1

336362 2008 UQ_{3} 5 5.1 244°.45 4°.0/ 1.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.07	− 6 5.5	2.235	3.087	11.4	21.1
4 11	15 7.90	− 5 17.1	2.147	3.072	8.6	20.9
4 21	15 0.95	− 4 28.0	2.084	3.056	5.7	20.7
5 1	14 52.80	− 3 42.3	2.048	3.040	4.1	20.5
5 11	14 44.24	− 3 4.8	2.041	3.024	5.4	20.6
5 21	14 36.10	− 2 39.1	2.061	3.006	8.3	20.7
5 31	14 29.14	− 2 27.8	2.106	2.989	11.4	20.9
6 10	14 23.92	− 2 31.7	2.173	2.971	14.2	21.1

183091 2002 RR_{82} 5 5.1 185°.14 1°.2/ 4.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.44	−14 50.2	2.070	2.914	12.5	21.7
4 11	15 9.71	−14 15.3	1.991	2.915	9.2	21.5
4 21	15 2.04	−13 33.3	1.936	2.914	5.5	21.3
5 1	14 53.11	−12 47.4	1.908	2.913	1.8	21.0
5 11	14 43.84	−12 1.8	1.910	2.912	3.1	21.1
5 21	14 35.16	−11 20.9	1.939	2.909	7.0	21.4
5 31	14 27.87	−10 48.8	1.995	2.906	10.6	21.6
6 10	14 22.57	−10 28.2	2.073	2.903	13.7	21.8

184757 2005 SN_{255} 5 5.1 190°.33 0°.4/ 5.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 11.92	−18 55.5	2.865	3.694	9.9	21.5
4 11	15 6.70	−18 45.8	2.779	3.692	7.4	21.3
4 21	15 0.06	−18 29.5	2.717	3.691	4.5	21.1
5 1	14 52.51	−18 7.8	2.684	3.689	1.5	20.9
5 11	14 44.69	−17 42.9	2.681	3.686	1.8	20.9
5 21	14 37.26	−17 17.1	2.707	3.684	4.8	21.1
5 31	14 30.81	−16 53.5	2.761	3.680	7.7	21.3
6 10	14 25.80	−16 34.7	2.839	3.677	10.2	21.4

152540 4358 T_{-1} 5 5.1 327°.60 0°.1/ 5.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 13.08	−16 16.8	1.395	2.262	16.1	19.3
4 11	15 9.00	−16 18.9	1.314	2.248	12.1	19.0
4 21	15 2.12	−16 12.7	1.253	2.234	7.4	18.7
5 1	14 53.23	−15 59.9	1.216	2.222	2.2	18.3
5 11	14 43.59	−15 44.1	1.204	2.210	3.3	18.3
5 21	14 34.56	−15 29.6	1.216	2.198	8.6	18.6
5 31	14 27.43	−15 21.3	1.251	2.188	13.5	18.9
6 10	14 23.06	−15 23.4	1.306	2.178	17.7	19.1

300024 2006 UZ_{91} 5 5.1 230°.88 0°.5/ 4.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 11.83	−16 0.6	2.740	3.576	10.0	22.2
4 11	15 6.73	−15 36.2	2.644	3.564	7.4	22.0
4 21	15 0.13	−15 5.8	2.574	3.551	4.5	21.8
5 1	14 52.55	−14 31.4	2.533	3.538	1.3	21.5
5 11	14 44.64	−13 55.8	2.521	3.524	2.2	21.6
5 21	14 37.08	−13 21.9	2.538	3.510	5.4	21.8
5 31	14 30.50	−12 53.0	2.583	3.495	8.4	22.0
6 10	14 25.39	−12 31.7	2.652	3.480	11.1	22.1

114650 2003 EW_{52} 5 5.1 321°.19 0°.4/ 4.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.38	−14 53.3	2.174	3.018	12.0	19.4
4 11	15 8.93	−15 2.1	2.093	3.016	8.9	19.2
4 21	15 1.59	−15 6.5	2.036	3.014	5.4	19.0
5 1	14 52.99	−15 7.9	2.006	3.012	1.6	18.7
5 11	14 44.00	−15 7.9	2.005	3.010	2.4	18.8
5 21	14 35.50	−15 9.1	2.032	3.008	6.2	19.0
5 31	14 28.29	−15 13.7	2.086	3.006	9.7	19.2
6 10	14 22.97	−15 24.2	2.162	3.005	12.8	19.4

272745 2005 YX_{123} 5 5.1 167°.48 0°.0/ 4.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.26	−17 30.9	2.309	3.144	11.7	21.4
4 11	15 9.41	−17 14.5	2.230	3.148	8.7	21.2
4 21	15 1.78	−16 50.7	2.177	3.152	5.3	21.0
5 1	14 53.03	−16 21.4	2.151	3.156	1.6	20.8
5 11	14 43.99	−15 49.4	2.154	3.159	2.3	20.8
5 21	14 35.49	−15 18.3	2.186	3.161	5.9	21.1
5 31	14 28.27	−14 51.6	2.245	3.163	9.3	21.3
6 10	14 22.88	−14 32.4	2.328	3.164	12.2	21.5

123329 2000 VC_{31} 5 5.1 156°.57 0°.9/ 4.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.75	−13 46.9	2.247	3.086	11.8	20.1
4 11	15 10.52	−13 43.8	2.172	3.093	8.7	19.9
4 21	15 2.46	−13 36.7	2.122	3.099	5.2	19.7
5 1	14 53.23	−13 27.1	2.100	3.104	1.6	19.5
5 11	14 43.70	−13 17.6	2.107	3.110	2.7	19.6
5 21	14 34.73	−13 10.6	2.142	3.114	6.3	19.8
5 31	14 27.08	−13 8.7	2.205	3.118	9.7	20.0
6 10	14 21.31	−13 14.0	2.291	3.122	12.5	20.2

378701 2008 NJ_{1} 5 5.1 214°.15 12°.2/13.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 29.96	−47 10.7	1.608	2.322	20.9	21.9
4 11	15 22.49	−47 47.0	1.514	2.313	18.6	21.7
4 21	15 10.73	−47 50.1	1.435	2.302	16.0	21.5
5 1	14 55.85	−47 10.4	1.375	2.290	13.7	21.3
5 11	14 39.92	−45 43.8	1.338	2.277	12.3	21.2
5 21	14 25.23	−43 34.6	1.326	2.262	12.8	21.1
5 31	14 13.72	−40 55.7	1.337	2.245	14.9	21.2
6 10	14 6.40	−38 5.1	1.371	2.227	17.9	21.4

30500 2000 QC_{193} 5 5.1 99°.41 0°.9/ 4.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 12.20	−14 47.4	2.322	3.168	11.3	19.0
4 11	15 7.05	−14 23.8	2.256	3.180	8.3	18.9
4 21	15 0.31	−13 55.0	2.214	3.192	4.9	18.7
5 1	14 52.58	−13 23.5	2.199	3.204	1.5	18.4
5 11	14 44.66	−12 52.4	2.214	3.216	2.6	18.5
5 21	14 37.30	−12 25.0	2.256	3.228	6.0	18.8
5 31	14 31.15	−12 4.3	2.325	3.240	9.1	19.0
6 10	14 26.69	−11 52.5	2.417	3.251	11.9	19.2

4832 Palinurus 5 5.1 248°.07 4°.0/28.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.53	+ 5 55.8	4.818	5.650	6.1	17.6
4 11	15 0.05	+ 6 34.9	4.747	5.642	5.0	17.6
4 21	14 55.87	+ 7 9.6	4.701	5.633	4.2	17.5
5 1	14 51.26	+ 7 37.8	4.684	5.625	4.0	17.5
5 11	14 46.53	+ 7 57.7	4.695	5.616	4.6	17.5
5 21	14 41.99	+ 8 8.2	4.732	5.607	5.7	17.6
5 31	14 37.93	+ 8 8.6	4.794	5.598	6.8	17.7
6 10	14 34.60	+ 7 59.1	4.879	5.589	8.0	17.7

473201 2015 KT_{94} 5 5.1 59°.09 2°.9/ 2.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 10.22	−10 35.0	2.090	2.948	11.8	21.2
4 11	15 5.77	− 9 36.1	2.020	2.951	8.7	21.0
4 21	14 59.62	− 8 33.1	1.975	2.954	5.4	20.8
5 1	14 52.40	− 7 30.8	1.957	2.957	3.0	20.6
5 11	14 44.94	− 6 34.2	1.967	2.959	4.4	20.7
5 21	14 38.03	− 5 47.9	2.004	2.962	7.7	20.9
5 31	14 32.38	− 5 15.3	2.066	2.965	10.9	21.1
6 10	14 28.50	− 4 57.9	2.150	2.968	13.7	21.3

462547 2009 BR_{171} 5 5.1 38.°34 5.°5/ 7.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 17.20	−27 32.9	1.249	2.090	19.2	21.2
4 11	15 12.35	−28 11.5	1.188	2.099	15.2	20.9
4 21	15 4.21	−28 29.9	1.146	2.108	10.8	20.7
5 1	14 53.85	−28 25.7	1.127	2.118	6.7	20.5
5 11	14 42.91	−28 0.3	1.130	2.128	5.7	20.5
5 21	14 33.05	−27 19.5	1.158	2.139	9.0	20.7
5 31	14 25.67	−26 32.0	1.208	2.151	13.3	20.9
6 10	14 21.58	−25 46.8	1.277	2.162	17.2	21.2

366349 1999 RQ_{31} 5 5.1 252.°66 3.°0/ 3.1 17

4 1	15 15.70	−10 53.3	1.872	2.726	13.2	22.1
4 11	15 10.29	−10 7.8	1.778	2.706	9.9	21.9
4 21	15 2.62	− 9 16.6	1.707	2.685	6.1	21.6
5 1	14 53.37	− 8 24.0	1.662	2.663	3.1	21.3
5 11	14 43.51	− 7 35.4	1.646	2.641	4.7	21.4
5 21	14 34.09	− 6 55.8	1.657	2.618	8.7	21.6
5 31	14 26.10	− 6 29.8	1.692	2.594	12.7	21.8
6 10	14 20.28	− 6 19.8	1.749	2.570	16.2	21.9

46335 2001 RF_{57} 5 5.1 164.°45 0.°5/ 4.8 18

4 1	15 15.71	−16 25.4	2.070	2.912	12.6	19.8
4 11	15 9.92	−16 5.6	1.995	2.916	9.4	19.6
4 21	15 2.17	−15 38.5	1.943	2.920	5.6	19.4
5 1	14 53.18	−15 6.4	1.919	2.924	1.6	19.2
5 11	14 43.87	−14 32.5	1.923	2.927	2.6	19.2
5 21	14 35.16	−14 0.9	1.955	2.930	6.6	19.5
5 31	14 27.87	−13 35.4	2.014	2.932	10.2	19.7
6 10	14 22.59	−13 19.0	2.096	2.933	13.3	19.9

363949 2005 TA_{192} 5 5.1 343.°57 0.°7/ 4.5 17

4 1	15 9.00	−18 17.0	2.125	2.974	12.1	20.7
4 11	15 4.95	−17 14.1	2.045	2.971	8.9	20.5
4 21	14 59.16	−16 0.4	1.989	2.968	5.3	20.3
5 1	14 52.29	−14 39.6	1.960	2.966	1.5	20.0
5 11	14 45.14	−13 17.3	1.960	2.963	2.7	20.1
5 21	14 38.53	−11 59.3	1.987	2.961	6.5	20.3
5 31	14 33.18	−10 51.0	2.041	2.959	10.0	20.6
6 10	14 29.59	− 9 56.3	2.118	2.958	13.1	20.7

477816 2011 EE_{21} 5 5.1 98.°31 0.°0/ 4.9 17

4 1	15 9.07	−17 25.3	3.291	4.123	8.6	21.6
4 11	15 4.38	−17 12.5	3.221	4.138	6.4	21.4
4 21	14 58.57	−16 54.9	3.177	4.153	3.8	21.3
5 1	14 52.08	−16 33.7	3.162	4.167	1.1	21.1
5 11	14 45.46	−16 11.1	3.177	4.182	1.6	21.1
5 21	14 39.21	−15 49.0	3.221	4.196	4.2	21.3
5 31	14 33.80	−15 29.8	3.293	4.210	6.6	21.5
6 10	14 29.60	−15 15.4	3.389	4.224	8.8	21.7

243041 2006 WR_{123} 5 5.1 311.°56 6.°3/ 9.3 17

4 1	15 14.25	−32 48.9	1.618	2.427	17.0	19.9
4 11	15 9.86	−33 7.3	1.532	2.417	14.0	19.6
4 21	15 2.63	−33 3.8	1.465	2.408	10.6	19.4
5 1	14 53.41	−32 35.5	1.421	2.399	7.5	19.2
5 11	14 43.50	−31 43.4	1.401	2.390	6.4	19.1
5 21	14 34.29	−30 32.7	1.406	2.382	8.5	19.2
5 31	14 27.05	−29 11.9	1.436	2.373	12.0	19.4
6 10	14 22.62	−27 50.9	1.486	2.366	15.6	19.6

26804 1981 EZ_{29} 5 5.1 325.°49 4.°0/ 6.7 18

4 1	15 13.54	−23 14.4	1.091	1.958	19.6	18.5
4 11	15 10.26	−23 48.5	1.013	1.942	15.3	18.2
4 21	15 3.38	−24 6.6	0.952	1.927	10.4	17.9
5 1	14 53.74	−24 6.4	0.912	1.912	5.4	17.5
5 11	14 42.94	−23 48.8	0.894	1.898	4.8	17.5
5 21	14 32.84	−23 18.7	0.898	1.886	9.9	17.7
5 31	14 25.22	−22 44.7	0.923	1.874	15.4	17.9
6 10	14 21.23	−22 15.8	0.965	1.863	20.3	18.2

103937 2000 DR_{68} 5 5.1 237.°63 1.°7/ 6.4 18

4 1	15 13.40	−22 25.5	2.134	2.964	12.7	19.6
4 11	15 8.33	−22 20.5	2.048	2.960	9.7	19.3
4 21	15 1.30	−22 4.5	1.986	2.955	6.3	19.1
5 1	14 52.95	−21 38.2	1.949	2.950	2.7	18.9
5 11	14 44.20	−21 4.0	1.941	2.946	2.5	18.9
5 21	14 35.96	−20 25.9	1.961	2.941	6.0	19.1
5 31	14 29.08	−19 48.3	2.006	2.936	9.6	19.3
6 10	14 24.16	−19 15.9	2.075	2.931	12.7	19.5

70134 1999 NQ_7 5 5.1 174.°88 3.°3/ 7.4 18

4 1	15 17.34	−26 46.0	1.811	2.630	15.1	19.5
4 11	15 11.59	−26 41.4	1.731	2.632	11.8	19.3
4 21	15 3.39	−26 20.0	1.673	2.634	8.0	19.1
5 1	14 53.59	−25 41.8	1.640	2.635	4.4	18.9
5 11	14 43.33	−24 49.6	1.634	2.636	3.7	18.8
5 21	14 33.81	−23 48.8	1.656	2.636	7.0	19.0
5 31	14 26.06	−22 46.3	1.703	2.635	10.8	19.2
6 10	14 20.77	−21 49.0	1.773	2.635	14.3	19.5

465334 2007 VA_{123} 5 5.1 112.°14 2.°0/ 3.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 14.69	−14 48.6	1.519	2.381	15.3	21.5
4 11	15 9.65	−13 52.3	1.455	2.387	11.3	21.3
4 21	15 2.19	−12 46.5	1.413	2.394	6.7	21.1
5 1	14 53.21	−11 36.4	1.396	2.401	2.5	20.8
5 11	14 43.91	−10 29.0	1.406	2.407	4.2	20.9
5 21	14 35.46	− 9 31.0	1.442	2.413	8.8	21.2
5 31	14 28.85	− 8 48.0	1.501	2.419	13.0	21.5
6 10	14 24.70	− 8 22.8	1.581	2.425	16.6	21.7

504309 2007 HG_{79} 5 5.1 308.°61 6.°5/ 1.6 17

4 1	15 14.95	− 1 0.2	1.624	2.487	14.4	20.6
4 11	15 9.92	− 0 30.3	1.545	2.471	11.3	20.4
4 21	15 2.48	− 0 6.2	1.487	2.455	8.2	20.2
5 1	14 53.35	+ 0 6.3	1.454	2.439	6.5	20.0
5 11	14 43.63	+ 0 2.3	1.447	2.423	7.9	20.1
5 21	14 34.46	− 0 20.9	1.464	2.408	11.2	20.2
5 31	14 26.90	− 1 4.0	1.505	2.394	14.8	20.4
6 10	14 21.71	− 2 5.2	1.564	2.379	18.0	20.6

28553 Bhupatiraju 5 5.1 266.°38 1.°0/ 5.7 18

4 1	15 16.88	−19 56.6	1.469	2.320	16.3	18.9
4 11	15 11.86	−19 49.9	1.380	2.305	12.4	18.7
4 21	15 3.91	−19 30.2	1.312	2.289	7.8	18.3
5 1	14 53.83	−18 58.2	1.269	2.273	2.8	18.0
5 11	14 42.91	−18 17.7	1.251	2.257	3.1	18.0
5 21	14 32.59	−17 34.2	1.259	2.240	8.4	18.2
5 31	14 24.20	−16 54.7	1.290	2.224	13.4	18.5
6 10	14 18.66	−16 25.3	1.341	2.207	17.8	18.7

102808 1999 VG_{172} 5 5.1 95.°83 2.°6/ 3.9 17

4 1	15 18.31	−10 1.9	1.574	2.433	15.0	19.4
4 11	15 12.32	− 9 58.9	1.508	2.438	11.2	19.1
4 21	15 3.83	− 9 54.6	1.464	2.443	6.8	18.9
5 1	14 53.72	− 9 51.6	1.446	2.449	2.9	18.6
5 11	14 43.18	− 9 53.4	1.454	2.454	4.4	18.7
5 21	14 33.43	−10 2.7	1.489	2.459	8.6	19.0
5 31	14 25.54	−10 21.6	1.547	2.464	12.8	19.3
6 10	14 20.17	−10 51.1	1.627	2.469	16.3	19.5

112111 2002 JC_{40} 5 5.1 34.°09 0.°2/ 5.3 18

4 1	15 9.58	−20 20.0	2.081	2.925	12.5	18.7
4 11	15 5.37	−19 32.2	2.009	2.931	9.3	18.5
4 21	14 59.41	−18 33.0	1.961	2.938	5.7	18.3
5 1	14 52.37	−17 25.6	1.940	2.945	1.7	18.0
5 11	14 45.11	−16 14.8	1.947	2.953	2.3	18.1
5 21	14 38.45	−15 6.0	1.982	2.960	6.1	18.3
5 31	14 33.11	−14 4.6	2.043	2.968	9.6	18.5
6 10	14 29.59	−13 14.6	2.126	2.977	12.7	18.8

377460 2004 WN_8 5 5.1 220.°21 2.°9/ 7.7 18

4 1	15 15.07	−27 45.9	2.555	3.354	11.8	21.6
4 11	15 9.37	−27 34.7	2.454	3.343	9.3	21.4
4 21	15 1.85	−27 9.9	2.377	3.332	6.4	21.2
5 1	14 53.12	−26 31.6	2.328	3.319	3.7	21.0
5 11	14 43.99	−25 41.7	2.307	3.306	3.1	20.9
5 21	14 35.30	−24 44.0	2.316	3.292	5.5	21.1
5 31	14 27.83	−23 43.4	2.352	3.278	8.5	21.2
6 10	14 22.15	−22 45.1	2.413	3.263	11.4	21.4

408949 2002 ER_{90} 5 5.1 20.°35 1.°0/ 5.6 17

4 1	15 13.84	−18 53.5	1.110	1.985	18.8	20.3
4 11	15 9.88	−18 59.2	1.054	1.990	14.1	20.0
4 21	15 2.72	−18 51.9	1.016	1.997	8.7	19.7
5 1	14 53.44	−18 33.1	0.999	2.004	3.0	19.4
5 11	14 43.63	−18 7.3	1.007	2.013	3.4	19.5
5 21	14 34.89	−17 40.5	1.037	2.023	9.1	19.8
5 31	14 28.57	−17 19.4	1.088	2.033	14.2	20.1
6 10	14 25.42	−17 9.1	1.158	2.044	18.5	20.4

270313 2001 XJ 5 5.1 94.°14 5.°9/ 8.6 18

4 1	15 28.65	−32 5.2	2.160	2.927	14.6	21.0
4 11	15 19.65	−33 15.6	2.101	2.960	11.9	20.9
4 21	15 8.12	−34 9.8	2.066	2.992	9.0	20.8
5 1	14 54.97	−34 43.7	2.057	3.023	6.6	20.7
5 11	14 41.46	−34 56.5	2.078	3.053	6.0	20.7
5 21	14 28.82	−34 50.7	2.128	3.083	7.5	20.8
5 31	14 18.14	−34 31.7	2.205	3.112	9.9	21.0
6 10	14 10.09	−34 6.2	2.305	3.140	12.3	21.2

340696 2006 SM_{11} 5 5.1 95.°55 6.°4/28.0 17

4 1	15 10.97	+ 2 37.6	2.527	3.372	10.5	20.8
4 11	15 5.89	+ 4 16.0	2.489	3.397	8.4	20.7
4 21	14 59.50	+ 5 47.9	2.477	3.421	6.8	20.6
5 1	14 52.37	+ 7 7.6	2.493	3.445	6.5	20.7
5 11	14 45.18	+ 8 10.5	2.537	3.468	7.6	20.8
5 21	14 38.54	+ 8 53.9	2.607	3.491	9.4	20.9
5 31	14 33.01	+ 9 17.2	2.701	3.513	11.3	21.1
6 10	14 28.94	+ 9 21.5	2.814	3.535	13.0	21.3

94383 2001 SO_{71} 5 5.1 196°.85 3°.1/ 3.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 18.53	− 9 34.2	1.779	2.631	13.9	20.3
4 11	15 12.32	− 9 5.6	1.702	2.628	10.3	20.1
4 21	15 3.79	− 8 34.4	1.648	2.625	6.4	19.9
5 1	14 53.72	− 8 4.5	1.621	2.622	3.3	19.7
5 11	14 43.19	− 7 40.3	1.621	2.617	4.8	19.7
5 21	14 33.31	− 7 25.7	1.649	2.612	8.7	20.0
5 31	14 25.06	− 7 23.6	1.702	2.606	12.5	20.2
6 10	14 19.13	− 7 35.3	1.776	2.599	15.9	20.4

117255 2004 SJ_{46} 5 5.1 168°.94 2°.3/ 7.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.24	−25 1.0	2.585	3.391	11.4	22.2
4 11	15 10.09	−25 3.7	2.501	3.396	8.8	22.0
4 21	15 2.21	−24 55.8	2.441	3.401	5.9	21.9
5 1	14 53.22	−24 37.1	2.409	3.405	3.1	21.7
5 11	14 43.92	−24 9.5	2.407	3.408	2.7	21.7
5 21	14 35.12	−23 35.9	2.433	3.410	5.3	21.8
5 31	14 27.55	−23 0.3	2.488	3.412	8.2	22.0
6 10	14 21.74	−22 26.8	2.567	3.413	10.9	22.2

151063 2001 VH_{29} 5 5.1 234°.45 0°.6/ 4.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.53	−16 32.8	1.962	2.808	13.0	20.3
4 11	15 9.29	−16 8.3	1.875	2.799	9.7	20.0
4 21	15 1.95	−15 35.5	1.811	2.789	5.9	19.8
5 1	14 53.18	−14 56.7	1.774	2.780	1.7	19.5
5 11	14 43.96	−14 15.8	1.765	2.770	2.8	19.5
5 21	14 35.25	−13 37.2	1.784	2.759	7.0	19.8
5 31	14 27.97	−13 5.5	1.829	2.749	10.9	20.0
6 10	14 22.77	−12 44.3	1.895	2.737	14.3	20.2

501271 2013 WE_{26} 5 5.1 165°.82 2°.3/ 6.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.92	−24 31.1	2.529	3.337	11.6	22.3
4 11	15 10.62	−24 38.3	2.446	3.343	9.0	22.2
4 21	15 2.55	−24 35.1	2.388	3.349	6.0	22.0
5 1	14 53.33	−24 21.3	2.357	3.353	3.1	21.8
5 11	14 43.79	−23 58.7	2.356	3.357	2.7	21.8
5 21	14 34.75	−23 30.0	2.384	3.360	5.4	22.0
5 31	14 26.98	−22 59.1	2.440	3.363	8.4	22.2
6 10	14 21.02	−22 30.2	2.520	3.365	11.1	22.3

297254 1995 SR_{10} 5 5.1 182°.82 1°.5/ 6.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.05	−22 13.9	2.653	3.474	10.8	21.6
4 11	15 7.70	−22 12.2	2.568	3.474	8.2	21.4
4 21	15 0.77	−22 1.6	2.507	3.474	5.3	21.2
5 1	14 52.80	−21 42.9	2.473	3.474	2.3	21.0
5 11	14 44.54	−21 17.9	2.469	3.473	2.1	21.0
5 21	14 36.71	−20 49.4	2.494	3.472	5.1	21.2
5 31	14 29.97	−20 20.9	2.546	3.471	8.0	21.4
6 10	14 24.84	−19 55.7	2.623	3.469	10.7	21.6

499561 2010 RD_{155} 5 5.1 274°.71 0°.9/ 4.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.42	−15 24.4	1.607	2.462	14.9	21.8
4 11	15 11.31	−15 9.3	1.512	2.441	11.3	21.5
4 21	15 3.51	−14 45.9	1.439	2.418	6.9	21.2
5 1	14 53.73	−14 16.3	1.390	2.396	2.1	20.9
5 11	14 43.12	−13 44.6	1.369	2.373	3.4	20.9
5 21	14 32.96	−13 15.8	1.373	2.349	8.5	21.1
5 31	14 24.49	−12 55.0	1.402	2.326	13.2	21.3
6 10	14 18.58	−12 46.4	1.450	2.302	17.4	21.5

103334 2000 AZ_{72} 5 5.1 175°.99 2°.3/ 3.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.53	−12 10.7	1.903	2.755	13.1	20.7
4 11	15 9.91	−11 28.6	1.829	2.757	9.7	20.4
4 21	15 2.24	−10 41.3	1.780	2.759	5.9	20.2
5 1	14 53.25	− 9 52.7	1.757	2.760	2.6	20.0
5 11	14 43.93	− 9 7.6	1.762	2.760	4.0	20.1
5 21	14 35.25	− 8 30.7	1.795	2.760	7.9	20.3
5 31	14 28.07	− 8 5.7	1.853	2.760	11.5	20.6
6 10	14 22.99	− 7 54.6	1.933	2.759	14.7	20.8

254172 2004 QC_{27} 5 5.1 280°.00 7°.8/25.3 10 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 10.02	+ 6 57.5	2.573	3.411	10.5	21.0
4 11	15 5.55	+ 8 40.5	2.486	3.381	8.9	20.8
4 21	14 59.53	+10 18.4	2.426	3.351	7.9	20.7
5 1	14 52.46	+11 44.4	2.392	3.320	8.0	20.7
5 11	14 44.99	+12 52.8	2.385	3.289	9.2	20.7
5 21	14 37.81	+13 39.8	2.403	3.258	11.1	20.8
5 31	14 31.57	+14 3.4	2.443	3.226	13.2	20.9
6 10	14 26.79	+14 4.3	2.502	3.193	15.1	21.0

416241 2003 BP_{66} 5 5.1 64°.58 3°.2/ 7.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 17.59	−25 42.9	1.537	2.370	16.7	21.0
4 11	15 11.77	−25 42.5	1.486	2.396	12.8	20.8
4 21	15 3.43	−25 24.8	1.457	2.422	8.5	20.6
5 1	14 53.58	−24 50.6	1.451	2.448	4.4	20.4
5 11	14 43.56	−24 3.7	1.472	2.474	3.7	20.5
5 21	14 34.63	−23 10.3	1.519	2.500	7.3	20.7
5 31	14 27.77	−22 17.6	1.590	2.526	11.1	21.0
6 10	14 23.56	−21 31.9	1.683	2.552	14.6	21.3

332120 2005 VC_{6} 5 5.1 201°.82 3°.2/ 2.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 11.71	− 6 33.3	2.517	3.367	10.4	20.7
4 11	15 6.66	− 6 9.0	2.441	3.366	7.7	20.5
4 21	15 0.11	− 5 45.2	2.391	3.364	5.0	20.3
5 1	14 52.60	− 5 24.8	2.368	3.363	3.2	20.2
5 11	14 44.85	− 5 10.9	2.374	3.362	4.3	20.3
5 21	14 37.52	− 5 5.7	2.407	3.360	6.9	20.5
5 31	14 31.25	− 5 10.8	2.467	3.358	9.6	20.6
6 10	14 26.51	− 5 26.7	2.550	3.356	12.1	20.8

34946 2286 T_{-1} 5 5.1 194°.02 4°.1/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 12.48	− 4 35.6	2.649	3.496	10.0	19.7
4 11	15 7.14	− 3 30.4	2.572	3.493	7.6	19.5
4 21	15 0.36	− 2 25.2	2.522	3.489	5.3	19.4
5 1	14 52.68	− 1 24.6	2.500	3.485	4.1	19.3
5 11	14 44.76	− 0 32.7	2.508	3.480	5.3	19.3
5 21	14 37.26	+ 0 7.0	2.544	3.474	7.7	19.5
5 31	14 30.78	+ 0 32.4	2.606	3.468	10.2	19.6
6 10	14 25.78	+ 0 42.7	2.689	3.461	12.4	19.8

227354 2005 UV_{102} 5 5.1 15°.93 1°.3/ 4.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 12.47	−15 34.6	1.560	2.423	14.9	20.7
4 11	15 8.06	−14 58.1	1.491	2.424	11.0	20.5
4 21	15 1.29	−14 12.5	1.444	2.426	6.6	20.2
5 1	14 53.00	−13 21.6	1.423	2.428	2.1	19.9
5 11	14 44.31	−12 31.2	1.427	2.431	3.6	20.0
5 21	14 36.37	−11 46.9	1.457	2.433	8.2	20.3
5 31	14 30.16	−11 13.9	1.511	2.436	12.4	20.6
6 10	14 26.33	−10 55.5	1.585	2.440	16.0	20.8

411629 2011 UW_{113} 5 5.1 327°.11 0°.7/ 4.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.28	−19 4.6	1.116	1.996	18.2	20.1
4 11	15 6.68	−18 10.0	1.039	1.981	13.7	19.8
4 21	15 0.96	−16 55.3	0.982	1.966	8.4	19.4
5 1	14 53.00	−15 25.2	0.947	1.953	2.4	19.0
5 11	14 44.26	−13 49.0	0.935	1.940	4.1	19.1
5 21	14 36.31	−12 17.9	0.945	1.928	10.2	19.4
5 31	14 30.58	−11 2.9	0.976	1.917	15.8	19.6
6 10	14 27.96	−10 11.1	1.025	1.908	20.7	19.9

310233 2011 TF_{4} 5 5.1 253°.27 6°.3/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 12.49	+ 3 54.5	2.535	3.375	10.6	20.7
4 11	15 7.28	+ 4 38.6	2.455	3.361	8.6	20.6
4 21	15 0.52	+ 5 16.3	2.400	3.346	6.9	20.4
5 1	14 52.75	+ 5 43.0	2.372	3.331	6.3	20.4
5 11	14 44.66	+ 5 55.0	2.371	3.315	7.3	20.4
5 21	14 36.95	+ 5 50.4	2.396	3.299	9.3	20.5
5 31	14 30.28	+ 5 28.4	2.446	3.283	11.6	20.6
6 10	14 25.15	+ 4 50.2	2.516	3.267	13.7	20.8

62926 2000 VK_{14} 5 5.1 10°.65 3°.9/ 3.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 11.98	− 9 36.5	1.014	1.907	18.6	17.4
4 11	15 8.56	− 9 17.8	0.962	1.909	13.9	17.1
4 21	15 1.96	− 8 57.0	0.927	1.912	8.6	16.8
5 1	14 53.25	− 8 39.9	0.915	1.917	4.2	16.6
5 11	14 44.01	− 8 32.4	0.924	1.924	6.0	16.7
5 21	14 35.85	− 8 38.9	0.955	1.932	11.2	17.0
5 31	14 30.09	− 9 1.9	1.006	1.941	16.1	17.3
6 10	14 27.47	− 9 41.5	1.074	1.951	20.3	17.6

182627 2001 UC_{124} 5 5.1 212°.33 2°.7/ 1.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.80	− 1 42.6	4.609	5.449	6.2	20.2
4 11	15 1.74	− 1 27.4	4.532	5.447	4.7	20.1
4 21	14 56.93	− 1 14.4	4.483	5.446	3.4	20.0
5 1	14 51.65	− 1 5.3	4.463	5.444	2.7	19.9
5 11	14 46.25	− 1 1.6	4.472	5.442	3.3	20.0
5 21	14 41.06	− 1 4.2	4.511	5.440	4.6	20.1
5 31	14 36.40	− 1 13.7	4.576	5.438	6.1	20.2
6 10	14 32.52	− 1 30.5	4.666	5.436	7.5	20.3

205626 2001 VK_{35} 5 5.1 228°.06 0°.4/ 5.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 18.65	−18 18.0	1.739	2.581	14.6	21.0
4 11	15 12.72	−18 10.8	1.650	2.570	11.0	20.7
4 21	15 4.22	−17 53.7	1.583	2.559	6.8	20.4
5 1	14 53.92	−17 28.0	1.542	2.547	2.2	20.1
5 11	14 42.97	−16 56.8	1.529	2.534	2.8	20.1
5 21	14 32.57	−16 24.6	1.543	2.521	7.6	20.4
5 31	14 23.88	−15 56.6	1.582	2.507	12.0	20.6
6 10	14 17.67	−15 37.5	1.643	2.493	15.8	20.8

464888 2005 MU_{7} 5 5.1 325°.09 2°.7/ 6.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.13	−24 30.7	1.231	2.093	18.1	20.6
4 11	15 6.59	−24 14.5	1.142	2.070	14.1	20.3
4 21	15 0.96	−23 36.3	1.073	2.048	9.4	19.9
5 1	14 53.04	−22 36.2	1.025	2.027	4.4	19.6
5 11	14 44.20	−21 18.9	1.001	2.007	3.7	19.5
5 21	14 35.98	−19 52.8	0.999	1.987	9.0	19.7
5 31	14 29.87	−18 29.0	1.020	1.969	14.4	19.9
6 10	14 26.86	−17 17.8	1.059	1.952	19.3	20.2

290259 2005 SW_{122} 5 5.1 346°.14 2°.1/ 3.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 9.32	−13 42.1	2.230	3.084	11.4	20.1
4 11	15 5.08	−12 31.3	2.154	3.083	8.3	19.9
4 21	14 59.23	−11 13.3	2.102	3.082	5.0	19.7
5 1	14 52.37	− 9 52.9	2.079	3.082	2.3	19.5
5 11	14 45.27	− 8 35.6	2.085	3.081	3.7	19.6
5 21	14 38.68	− 7 26.5	2.118	3.081	7.0	19.8
5 31	14 33.26	− 6 30.0	2.177	3.080	10.2	20.0
6 10	14 29.51	− 5 48.7	2.259	3.080	13.0	20.2

316019 2009 FY_{24} 5 5.1 75°.94 2°.6/ 3.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 17.09	−11 26.7	1.401	2.267	16.1	20.7
4 11	15 11.59	−11 4.1	1.343	2.277	11.9	20.4
4 21	15 3.46	−10 37.3	1.306	2.287	7.2	20.2
5 1	14 53.65	−10 10.6	1.293	2.297	3.0	20.0
5 11	14 43.49	− 9 48.9	1.307	2.307	4.6	20.1
5 21	14 34.27	− 9 36.5	1.345	2.317	9.2	20.4
5 31	14 27.08	− 9 36.6	1.407	2.327	13.5	20.7
6 10	14 22.56	− 9 50.8	1.488	2.337	17.2	20.9

73812 1995 US_{18} 5 5.1 72°.01 2°.1/ 3.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.38	−15 15.7	1.452	2.316	15.7	19.8
4 11	15 9.38	−14 10.4	1.400	2.334	11.5	19.6
4 21	15 1.99	−12 55.3	1.369	2.351	6.9	19.3
5 1	14 53.19	−11 36.7	1.364	2.368	2.5	19.1
5 11	14 44.20	−10 22.1	1.385	2.386	4.3	19.3
5 21	14 36.20	− 9 18.6	1.432	2.403	8.8	19.6
5 31	14 30.11	− 8 31.5	1.502	2.420	12.9	19.9
6 10	14 26.49	− 8 3.5	1.592	2.438	16.4	20.1

475771 2006 WQ_{192} 5 5.1 181°.68 0°.0/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 11.52	−17 41.1	2.880	3.712	9.7	23.3
4 11	15 6.41	−17 20.3	2.796	3.712	7.2	23.1
4 21	14 59.92	−16 53.3	2.737	3.712	4.4	22.9
5 1	14 52.57	−16 21.7	2.707	3.712	1.3	22.7
5 11	14 44.98	−15 48.0	2.707	3.712	1.9	22.7
5 21	14 37.79	−15 15.0	2.736	3.711	4.9	22.9
5 31	14 31.57	−14 45.7	2.793	3.709	7.7	23.1
6 10	14 26.75	−14 22.7	2.874	3.707	10.2	23.3

276115 2002 GA_{50} 5 5.1 76°.71 7°.4/10.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 18.26	−36 2.9	1.837	2.615	16.4	20.3
4 11	15 12.52	−36 45.5	1.766	2.626	13.7	20.1
4 21	15 4.09	−37 7.0	1.715	2.637	10.8	20.0
5 1	14 53.87	−37 4.0	1.688	2.647	8.4	19.8
5 11	14 43.16	−36 36.7	1.686	2.658	7.4	19.8
5 21	14 33.28	−35 49.0	1.709	2.669	8.6	19.9
5 31	14 25.38	−34 48.0	1.757	2.680	11.1	20.1
6 10	14 20.19	−33 42.4	1.827	2.690	13.8	20.2

151353 2002 CW_{291} 5 5.1 87°.02 0°.5/ 5.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 11.55	−19 34.3	2.302	3.140	11.6	20.8
4 11	15 6.73	−19 16.6	2.227	3.145	8.7	20.6
4 21	15 0.23	−18 50.3	2.175	3.150	5.4	20.4
5 1	14 52.68	−18 17.1	2.151	3.155	1.8	20.2
5 11	14 44.85	−17 39.9	2.155	3.160	2.1	20.2
5 21	14 37.55	−17 2.5	2.187	3.165	5.6	20.5
5 31	14 31.48	−16 28.8	2.245	3.171	8.9	20.7
6 10	14 27.14	−16 2.0	2.327	3.176	11.8	20.9

142657 2002 TJ_{203} 5 5.1 197°.39 3°.5/ 2.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.78	− 9 5.9	1.879	2.735	13.0	20.9
4 11	15 9.41	− 8 16.3	1.804	2.733	9.7	20.7
4 21	15 1.98	− 7 23.6	1.754	2.731	6.1	20.5
5 1	14 53.21	− 6 32.7	1.730	2.728	3.6	20.3
5 11	14 44.09	− 5 48.7	1.733	2.725	5.1	20.4
5 21	14 35.56	− 5 16.3	1.764	2.721	8.6	20.6
5 31	14 28.51	− 4 58.6	1.819	2.717	12.2	20.8
6 10	14 23.54	− 4 56.9	1.895	2.712	15.3	21.0

363078 2000 QU_{23} 5 5.1 257°.22 2°.8/ 3.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.10	−12 39.8	1.644	2.503	14.4	21.2
4 11	15 10.13	−11 44.1	1.554	2.486	10.8	20.9
4 21	15 2.68	−10 39.7	1.488	2.468	6.6	20.6
5 1	14 53.48	− 9 31.4	1.447	2.450	3.0	20.4
5 11	14 43.65	− 8 25.9	1.433	2.431	4.8	20.4
5 21	14 34.35	− 7 30.0	1.445	2.411	9.3	20.6
5 31	14 26.69	− 6 49.3	1.481	2.391	13.7	20.8
6 10	14 21.43	− 6 27.2	1.538	2.371	17.5	21.0

335797 2007 HJ_{1} 5 5.1 334°.03 4°.1/ 1.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.26	−13 12.4	1.298	2.183	15.8	19.6
4 11	15 3.96	−11 32.1	1.219	2.164	11.8	19.3
4 21	14 59.09	− 9 36.8	1.161	2.146	7.3	19.0
5 1	14 52.44	− 7 35.4	1.128	2.129	4.1	18.8
5 11	14 45.19	− 5 39.5	1.118	2.113	6.6	18.9
5 21	14 38.59	− 4 0.3	1.133	2.098	11.3	19.1
5 31	14 33.77	− 2 46.4	1.169	2.084	16.0	19.3
6 10	14 31.52	− 2 1.8	1.222	2.072	20.1	19.5

219663 2001 VZ_{13} 5 5.1 260°.02 1°.2/ 5.7 17 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 19.79	−18 11.0	1.871	2.707	14.0	19.8
4 11	15 13.55	−18 42.1	1.776	2.693	10.6	19.6
4 21	15 4.78	−19 7.2	1.705	2.678	6.7	19.3
5 1	14 54.16	−19 25.5	1.660	2.663	2.5	19.0
5 11	14 42.77	−19 37.7	1.643	2.648	2.7	19.0
5 21	14 31.79	−19 45.7	1.654	2.633	7.1	19.2
5 31	14 22.37	−19 52.8	1.691	2.617	11.3	19.4
6 10	14 15.35	−20 2.7	1.751	2.601	15.0	19.6

466116 2012 DR_{51} 5 5.1 14°.30 1°.9/ 4.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 12.89	−13 43.8	1.270	2.145	16.8	21.0
4 11	15 8.80	−13 19.2	1.208	2.148	12.4	20.7
4 21	15 1.95	−12 47.1	1.168	2.151	7.5	20.4
5 1	14 53.27	−12 12.0	1.150	2.155	2.6	20.2
5 11	14 44.13	−11 39.4	1.157	2.160	4.3	20.3
5 21	14 35.90	−11 15.1	1.188	2.166	9.3	20.6
5 31	14 29.72	−11 3.6	1.241	2.172	14.0	20.9
6 10	14 26.31	−11 7.4	1.313	2.179	18.0	21.1

149165 2002 GX_{54} 5 5.1 81°.59 2°.7/ 7.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.66	−25 2.2	2.409	3.224	11.9	20.0
4 11	15 8.37	−25 18.9	2.328	3.228	9.2	19.8
4 21	15 1.29	−25 25.0	2.272	3.232	6.3	19.6
5 1	14 53.04	−25 20.3	2.242	3.236	3.5	19.4
5 11	14 44.44	−25 6.1	2.240	3.240	3.0	19.4
5 21	14 36.33	−24 45.1	2.266	3.244	5.5	19.6
5 31	14 29.47	−24 21.0	2.320	3.248	8.5	19.8
6 10	14 24.41	−23 57.8	2.397	3.252	11.2	20.0

430671 2003 UC_{294} 5 5.1 321°.98 1°.5/ 6.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 8.85	−23 45.6	1.480	2.334	16.1	20.1
4 11	15 5.89	−23 1.0	1.384	2.309	12.4	19.8
4 21	15 0.31	−21 55.0	1.309	2.285	8.0	19.4
5 1	14 52.84	−20 29.5	1.258	2.261	3.2	19.1
5 11	14 44.66	−18 50.5	1.231	2.238	3.0	19.0
5 21	14 37.04	−17 7.0	1.231	2.216	8.1	19.2
5 31	14 31.17	−15 29.2	1.253	2.194	13.1	19.5
6 10	14 27.90	−14 6.1	1.297	2.174	17.5	19.7

178777 2000 YA_{108} 5 5.1 212°.49 0°.5/ 4.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 11.35	−15 32.8	3.088	3.922	9.1	21.4
4 11	15 6.25	−15 13.5	2.995	3.914	6.7	21.3
4 21	14 59.85	−14 49.4	2.929	3.906	4.0	21.1
5 1	14 52.60	−14 22.2	2.892	3.897	1.2	20.8
5 11	14 45.09	−13 54.2	2.884	3.888	2.0	20.9
5 21	14 37.89	−13 27.8	2.906	3.878	4.9	21.1
5 31	14 31.57	−13 5.7	2.957	3.868	7.5	21.2
6 10	14 26.55	−12 49.8	3.032	3.857	9.9	21.4

169221 2001 RZ_{139} 5 5.1 122°.57 0°.6/ 5.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.47	−19 16.7	2.349	3.182	11.6	20.8
4 11	15 8.13	−19 8.9	2.275	3.191	8.7	20.6
4 21	15 1.08	−18 53.1	2.225	3.199	5.3	20.4
5 1	14 52.97	−18 30.8	2.203	3.207	1.8	20.2
5 11	14 44.60	−18 4.4	2.210	3.215	2.1	20.2
5 21	14 36.76	−17 37.1	2.245	3.223	5.5	20.4
5 31	14 30.17	−17 12.5	2.307	3.230	8.8	20.7
6 10	14 25.32	−16 53.7	2.392	3.238	11.6	20.9

519897 2013 PE_{80} 5 5.2 300°.18 2°.3/ 3.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 12.25	−14 9.5	1.479	2.348	15.3	21.6
4 11	15 8.21	−13 17.8	1.397	2.333	11.4	21.4
4 21	15 1.60	−12 15.8	1.337	2.319	6.9	21.1
5 1	14 53.21	−11 8.5	1.301	2.305	2.7	20.8
5 11	14 44.21	−10 2.9	1.291	2.292	4.5	20.9
5 21	14 35.83	− 9 6.1	1.306	2.278	9.3	21.1
5 31	14 29.20	− 8 24.4	1.344	2.265	13.9	21.3
6 10	14 25.10	− 8 1.6	1.401	2.252	17.9	21.5

384706 2011 HB_{33} 5 5.2 227°.11 0°.8/ 4.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.91	−14 54.3	2.008	2.855	12.7	20.9
4 11	15 9.53	−14 44.4	1.926	2.850	9.5	20.7
4 21	15 2.11	−14 28.7	1.867	2.846	5.7	20.5
5 1	14 53.33	−14 9.3	1.836	2.841	1.7	20.2
5 11	14 44.12	−13 49.1	1.832	2.836	2.8	20.3
5 21	14 35.44	−13 31.6	1.856	2.831	6.8	20.5
5 31	14 28.15	−13 20.2	1.906	2.825	10.6	20.7
6 10	14 22.89	−13 17.6	1.978	2.820	13.8	20.9

369737 2012 FD_{5} 5 5.2 322°.65 4°.7/ 7.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.87	−26 29.0	1.436	2.273	17.4	20.9
4 11	15 11.31	−27 3.6	1.355	2.265	13.8	20.6
4 21	15 3.71	−27 21.8	1.294	2.256	9.7	20.4
5 1	14 53.90	−27 21.1	1.255	2.248	5.9	20.1
5 11	14 43.26	−27 2.2	1.242	2.241	5.1	20.0
5 21	14 33.31	−26 29.2	1.252	2.234	8.5	20.2
5 31	14 25.43	−25 49.1	1.286	2.227	12.8	20.4
6 10	14 20.56	−25 10.3	1.341	2.221	16.9	20.7

478036 2011 SS_{255} 5 5.2 142°.90 1°.7/ 3.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 10.31	−13 46.1	2.414	3.263	10.8	21.5
4 11	15 5.71	−12 53.7	2.340	3.267	7.9	21.3
4 21	14 59.59	−11 55.7	2.291	3.270	4.7	21.1
5 1	14 52.54	−10 55.6	2.270	3.274	1.9	20.9
5 11	14 45.27	− 9 57.7	2.278	3.277	3.1	21.0
5 21	14 38.49	− 9 6.1	2.314	3.280	6.3	21.2
5 31	14 32.83	− 8 24.3	2.377	3.283	9.4	21.4
6 10	14 28.73	− 7 54.6	2.463	3.286	12.0	21.6

2283 Bunke 5 5.2 32°.84 2°.8/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 12.68	−14 38.8	1.196	2.075	17.4	15.3
4 11	15 8.71	−13 28.8	1.139	2.080	12.8	15.0
4 21	15 1.90	−12 7.0	1.101	2.085	7.7	14.8
5 1	14 53.28	−10 40.7	1.087	2.091	3.1	14.5
5 11	14 44.27	− 9 19.5	1.097	2.098	5.2	14.6
5 21	14 36.27	− 8 12.3	1.131	2.104	10.3	14.9
5 31	14 30.42	− 7 25.7	1.187	2.112	15.0	15.2
6 10	14 27.40	− 7 2.4	1.260	2.119	19.1	15.5

201123 2002 JZ_{44} 5 5.2 311°.19 2°.4/ 6.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.95	−20 41.3	1.681	2.523	15.0	19.9
4 11	15 11.74	−21 21.0	1.590	2.507	11.6	19.6
4 21	15 3.84	−21 52.5	1.520	2.492	7.6	19.3
5 1	14 53.94	−22 14.5	1.476	2.477	3.5	19.1
5 11	14 43.20	−22 27.1	1.458	2.462	3.4	19.0
5 21	14 32.90	−22 32.2	1.466	2.447	7.5	19.2
5 31	14 24.29	−22 33.9	1.500	2.433	11.9	19.4
6 10	14 18.26	−22 36.9	1.554	2.420	15.7	19.6

100665 1997 WT_{36} 5 5.2 120°.43 2°.6/ 3.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.71	− 9 53.6	2.118	2.965	12.2	20.1
4 11	15 10.47	− 9 24.8	2.059	2.983	9.0	19.9
4 21	15 2.46	− 8 54.1	2.025	3.001	5.5	19.8
5 1	14 53.39	− 8 24.8	2.018	3.019	2.7	19.6
5 11	14 44.15	− 8 0.4	2.040	3.036	4.0	19.7
5 21	14 35.61	− 7 44.0	2.091	3.052	7.2	20.0
5 31	14 28.48	− 7 37.9	2.167	3.067	10.4	20.2
6 10	14 23.25	− 7 43.0	2.266	3.082	13.1	20.4

138792 2000 SP_{365} 5 5.2 136°.54 5°.4/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 10.41	+ 1 45.1	2.850	3.693	9.5	20.8
4 11	15 5.48	+ 2 49.6	2.796	3.705	7.5	20.7
4 21	14 59.33	+ 3 49.4	2.767	3.717	5.9	20.6
5 1	14 52.46	+ 4 40.0	2.766	3.728	5.4	20.6
5 11	14 45.46	+ 5 18.0	2.794	3.739	6.3	20.7
5 21	14 38.90	+ 5 41.3	2.848	3.749	8.1	20.8
5 31	14 33.28	+ 5 48.9	2.927	3.759	10.0	21.0
6 10	14 28.99	+ 5 41.5	3.028	3.768	11.8	21.1

391042 2005 TP_{105} 5 5.2 259°.37 2°.7/ 7.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.95	−25 6.1	2.478	3.291	11.7	21.0
4 11	15 8.68	−25 22.5	2.382	3.280	9.1	20.8
4 21	15 1.56	−25 28.5	2.310	3.269	6.2	20.6
5 1	14 53.19	−25 23.9	2.264	3.258	3.5	20.4
5 11	14 44.36	−25 9.6	2.248	3.247	3.0	20.3
5 21	14 35.90	−24 48.0	2.259	3.236	5.6	20.5
5 31	14 28.61	−24 22.9	2.297	3.225	8.6	20.6
6 10	14 23.10	−23 58.4	2.360	3.214	11.4	20.8

499256 2009 VP_{5} 5 5.2 193°.18 1°.1/ 4.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.51	−14 14.8	2.400	3.239	11.2	22.6
4 11	15 9.64	−13 53.5	2.316	3.236	8.3	22.4
4 21	15 2.03	−13 27.0	2.257	3.234	5.0	22.2
5 1	14 53.31	−12 57.6	2.225	3.230	1.6	22.0
5 11	14 44.25	−12 28.4	2.224	3.226	2.7	22.1
5 21	14 35.66	−12 2.4	2.251	3.221	6.2	22.3
5 31	14 28.27	−11 42.8	2.305	3.215	9.4	22.5
6 10	14 22.61	−11 32.1	2.383	3.209	12.3	22.7

114675 2003 FV_{49} 5 5.2 127°.43 4°.0/ 1.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.94	− 5 51.4	2.412	3.267	10.6	19.7
4 11	15 5.40	− 4 47.2	2.346	3.272	7.9	19.5
4 21	14 59.40	− 3 42.9	2.306	3.277	5.4	19.3
5 1	14 52.50	− 2 43.0	2.293	3.282	4.0	19.2
5 11	14 45.41	− 1 52.1	2.309	3.287	5.2	19.3
5 21	14 38.81	− 1 13.6	2.352	3.291	7.8	19.5
5 31	14 33.28	− 0 49.8	2.420	3.296	10.4	19.7
6 10	14 29.29	− 0 41.3	2.510	3.300	12.7	19.8

122737 2000 SC_{50} 5 5.2 305°.65 1°.6/ 6.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 12.60	−22 8.1	1.600	2.448	15.3	19.7
4 11	15 8.49	−21 53.1	1.511	2.432	11.8	19.4
4 21	15 1.82	−21 23.1	1.442	2.416	7.6	19.2
5 1	14 53.34	−20 39.2	1.398	2.401	3.1	18.8
5 11	14 44.19	−19 45.2	1.380	2.385	2.9	18.8
5 21	14 35.61	−18 47.1	1.387	2.370	7.6	19.0
5 31	14 28.73	−17 52.0	1.418	2.356	12.2	19.3
6 10	14 24.37	−17 6.3	1.471	2.341	16.2	19.5

239845 1999 TX_{132} 5 5.2 217°.79 0°.5/ 5.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 7.87	−20 1.8	4.105	4.925	7.3	22.0
4 11	15 3.47	−19 48.6	4.008	4.916	5.5	21.8
4 21	14 58.10	−19 30.1	3.936	4.907	3.4	21.7
5 1	14 52.12	−19 7.3	3.894	4.897	1.2	21.5
5 11	14 45.95	−18 41.7	3.882	4.888	1.3	21.5
5 21	14 40.02	−18 15.1	3.901	4.878	3.5	21.6
5 31	14 34.71	−17 49.4	3.948	4.867	5.6	21.8
6 10	14 30.37	−17 26.8	4.021	4.856	7.5	21.9

390187 2012 WH_{18} 5 5.2 58°.54 0°.0/ 4.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.49	−16 24.9	2.027	2.872	12.7	20.9
4 11	15 9.05	−16 27.9	1.965	2.887	9.4	20.7
4 21	15 1.72	−16 24.7	1.926	2.903	5.7	20.5
5 1	14 53.22	−16 16.9	1.913	2.918	1.7	20.2
5 11	14 44.47	−16 6.8	1.929	2.934	2.4	20.3
5 21	14 36.37	−15 57.4	1.972	2.950	6.2	20.6
5 31	14 29.71	−15 51.6	2.042	2.966	9.7	20.8
6 10	14 25.03	−15 52.0	2.134	2.982	12.7	21.1

376881 2001 WL_{46} 5 5.2 260°.16 1°.7/ 4.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 18.74	−11 34.0	2.010	2.854	12.8	21.9
4 11	15 12.58	−11 33.4	1.909	2.832	9.6	21.7
4 21	15 4.14	−11 30.2	1.832	2.810	5.9	21.4
5 1	14 54.03	−11 26.4	1.782	2.786	2.2	21.1
5 11	14 43.22	−11 24.6	1.761	2.762	3.5	21.2
5 21	14 32.74	−11 27.3	1.769	2.738	7.6	21.4
5 31	14 23.62	−11 37.3	1.802	2.713	11.6	21.6
6 10	14 16.63	−11 56.4	1.858	2.687	15.0	21.7

332789 2009 VT_{104} 5 5.2 241°.81 5°.6/ 1.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.60	− 2 30.6	1.953	2.808	12.7	20.7
4 11	15 9.30	− 1 40.6	1.875	2.798	9.8	20.5
4 21	15 1.99	− 0 53.1	1.820	2.787	7.0	20.3
5 1	14 53.34	− 0 13.5	1.792	2.775	5.6	20.2
5 11	14 44.26	+ 0 13.1	1.790	2.764	7.0	20.3
5 21	14 35.69	+ 0 23.2	1.815	2.751	9.9	20.4
5 31	14 28.49	+ 0 15.1	1.864	2.739	13.0	20.6
6 10	14 23.28	− 0 10.7	1.933	2.726	15.9	20.8

356835 2011 VJ_{1} 5 5.2 215°.81 4°.2/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.47	−31 51.3	2.758	3.537	11.5	22.0
4 11	15 8.96	−32 7.8	2.662	3.531	9.4	21.8
4 21	15 1.69	−32 10.9	2.589	3.524	7.0	21.6
5 1	14 53.24	−31 59.7	2.543	3.517	4.9	21.5
5 11	14 44.39	−31 34.9	2.524	3.510	4.3	21.4
5 21	14 35.94	−30 58.8	2.534	3.502	5.7	21.5
5 31	14 28.65	−30 15.5	2.572	3.494	8.1	21.6
6 10	14 23.07	−29 29.8	2.633	3.485	10.5	21.8

282390 2003 SQ_{118} 5 5.2 205°.88 0°.6/ 4.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.41	−16 19.1	2.153	2.997	12.1	21.8
4 11	15 8.29	−15 54.4	2.071	2.994	9.0	21.6
4 21	15 1.31	−15 22.3	2.013	2.991	5.4	21.3
5 1	14 53.12	−14 45.4	1.983	2.988	1.6	21.1
5 11	14 44.58	−14 7.0	1.980	2.984	2.6	21.1
5 21	14 36.55	−13 31.2	2.006	2.981	6.4	21.4
5 31	14 29.82	−13 1.8	2.058	2.977	9.9	21.6
6 10	14 24.95	−12 41.9	2.133	2.972	13.0	21.8

132773 2002 PT_{95} 5 5.2 244°.11 2°.2/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 12.32	−12 1.3	2.167	3.019	11.7	20.2
4 11	15 7.47	−11 21.0	2.082	3.010	8.7	20.0
4 21	15 0.82	−10 35.8	2.021	3.000	5.3	19.8
5 1	14 52.98	− 9 49.3	1.988	2.991	2.4	19.5
5 11	14 44.77	− 9 5.6	1.983	2.980	3.7	19.6
5 21	14 37.02	− 8 28.9	2.005	2.970	7.2	19.8
5 31	14 30.49	− 8 2.8	2.054	2.960	10.6	20.0
6 10	14 25.76	− 7 49.4	2.124	2.949	13.6	20.2

42001 2000 YW_{46} 5 5.2 237°.83 2°.8/ 3.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.00	−11 8.2	1.542	2.405	15.0	18.9
4 11	15 10.80	−10 38.7	1.470	2.402	11.2	18.6
4 21	15 3.09	−10 4.9	1.419	2.400	6.9	18.4
5 1	14 53.69	− 9 30.8	1.394	2.397	3.1	18.1
5 11	14 43.80	− 9 1.7	1.395	2.394	4.7	18.2
5 21	14 34.62	− 8 42.2	1.421	2.391	9.1	18.5
5 31	14 27.23	− 8 36.0	1.472	2.387	13.3	18.7
6 10	14 22.35	− 8 44.7	1.542	2.384	17.0	18.9

387644 2002 QR_{106} 5 5.2 227°.87 0°.4/ 5.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.55	−18 15.4	2.232	3.069	12.0	21.3
4 11	15 9.15	−18 12.9	2.145	3.062	9.0	21.1
4 21	15 1.86	−18 3.0	2.081	3.056	5.6	20.9
5 1	14 53.30	−17 46.7	2.045	3.049	1.8	20.6
5 11	14 44.32	−17 26.6	2.037	3.042	2.2	20.6
5 21	14 35.80	−17 5.5	2.057	3.035	6.0	20.8
5 31	14 28.54	−16 47.1	2.104	3.027	9.5	21.0
6 10	14 23.15	−16 34.5	2.174	3.020	12.6	21.2

119026 2001 BC_{61} 5 5.2 46°.78 18°.8/18.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 11.85	+12 48.5	0.943	1.819	21.1	18.5
4 11	15 8.45	+16 50.5	0.922	1.825	19.3	18.4
4 21	15 1.86	+20 21.9	0.921	1.831	18.9	18.4
5 1	14 53.30	+23 1.9	0.939	1.838	19.9	18.5
5 11	14 44.46	+24 38.5	0.973	1.845	21.9	18.6
5 21	14 36.88	+25 11.1	1.023	1.853	24.3	18.8
5 31	14 31.76	+24 46.3	1.084	1.860	26.5	19.0
6 10	14 29.72	+23 35.8	1.155	1.869	28.5	19.2

354716 2005 SV_{49} 5 5.2 219°.06 1°.0/ 5.7 16

4 1	15 19.44	−19 24.5	1.540	2.386	16.0	21.7
4 11	15 13.61	−19 24.8	1.458	2.380	12.1	21.4
4 21	15 4.95	−19 13.9	1.398	2.373	7.6	21.1
5 1	14 54.30	−18 52.3	1.362	2.366	2.7	20.8
5 11	14 42.94	−18 23.2	1.353	2.359	3.0	20.8
5 21	14 32.28	−17 51.5	1.371	2.351	8.0	21.1
5 31	14 23.56	−17 22.9	1.412	2.343	12.7	21.3
6 10	14 17.62	−17 3.0	1.475	2.334	16.8	21.6

56173 1999 FV_{9} 5 5.2 77°.19 5°.8/30.6 18

4 1	15 12.23	− 5 37.9	1.649	2.518	13.9	18.4
4 11	15 7.62	− 4 3.8	1.595	2.527	10.5	18.2
4 21	15 0.93	− 2 29.4	1.565	2.537	7.3	18.0
5 1	14 53.00	− 1 2.6	1.560	2.547	5.8	18.0
5 11	14 44.85	+ 0 8.9	1.582	2.557	7.5	18.1
5 21	14 37.47	+ 0 59.7	1.628	2.567	10.6	18.3
5 31	14 31.68	+ 1 27.2	1.698	2.577	13.9	18.5
6 10	14 28.02	+ 1 31.8	1.787	2.587	16.7	18.7

3270 Dudley 5 5.2 64°.89 20°.9/24.1 18

4 1	15 21.95	+26 30.7	1.146	1.949	23.0	17.0
4 11	15 14.92	+29 19.3	1.165	1.989	21.6	17.1
4 21	15 5.14	+31 18.1	1.201	2.030	21.0	17.2
5 1	14 54.12	+32 18.8	1.253	2.070	21.1	17.3
5 11	14 43.54	+32 21.5	1.320	2.110	21.7	17.5
5 21	14 34.74	+31 33.1	1.402	2.149	22.7	17.7
5 31	14 28.57	+30 3.7	1.495	2.188	23.6	17.9
6 10	14 25.36	+28 4.8	1.600	2.225	24.5	18.1

362082 2009 BN_{125} 5 5.2 146°.78 4°.0/ 2.7 18

4 1	15 18.12	− 7 31.4	1.756	2.610	13.9	21.2
4 11	15 11.92	− 6 49.7	1.693	2.620	10.4	21.0
4 21	15 3.54	− 6 7.2	1.653	2.629	6.7	20.8
5 1	14 53.79	− 5 28.8	1.640	2.637	4.1	20.7
5 11	14 43.77	− 4 59.4	1.655	2.645	5.5	20.8
5 21	14 34.51	− 4 42.8	1.697	2.652	9.1	21.0
5 31	14 26.93	− 4 41.3	1.762	2.658	12.6	21.2
6 10	14 21.61	− 4 55.1	1.849	2.664	15.7	21.4

193430 2000 WP_{108} 5 5.2 105°.39 4°.7/ 9.2 17

4 1	15 14.88	−32 15.4	1.925	2.723	15.1	19.6
4 11	15 9.73	−32 2.7	1.848	2.730	12.2	19.4
4 21	15 2.30	−31 29.6	1.792	2.736	8.9	19.3
5 1	14 53.44	−30 35.6	1.760	2.743	5.9	19.1
5 11	14 44.26	−29 23.9	1.756	2.749	4.8	19.0
5 21	14 35.85	−28 0.3	1.778	2.755	6.9	19.2
5 31	14 29.15	−26 32.5	1.827	2.761	10.1	19.4
6 10	14 24.77	−25 8.5	1.899	2.767	13.2	19.6

83976 2002 CA_{15} 5 5.2 239°.21 0°.3/ 5.5 17

4 1	15 11.87	−18 46.3	2.586	3.419	10.6	20.5
4 11	15 6.96	−18 30.7	2.493	3.409	8.0	20.3
4 21	15 0.45	−18 7.5	2.425	3.399	4.9	20.1
5 1	14 52.88	−17 38.3	2.384	3.389	1.6	19.8
5 11	14 44.98	−17 5.6	2.373	3.379	2.0	19.9
5 21	14 37.45	−16 32.4	2.391	3.368	5.3	20.1
5 31	14 30.98	−16 2.3	2.435	3.357	8.5	20.2
6 10	14 26.08	−15 38.2	2.504	3.346	11.3	20.4

127001 2002 FT_{36} 5 5.2 128°.65 0°.0/ 4.9 17

4 1	15 14.96	−18 33.5	2.199	3.034	12.2	20.9
4 11	15 9.26	−18 3.5	2.131	3.049	9.0	20.7
4 21	15 1.80	−17 24.9	2.087	3.063	5.5	20.5
5 1	14 53.26	−16 39.8	2.071	3.076	1.6	20.2
5 11	14 44.52	−15 52.2	2.084	3.089	2.3	20.3
5 21	14 36.42	−15 6.2	2.125	3.101	6.0	20.6
5 31	14 29.68	−14 26.0	2.193	3.113	9.4	20.8
6 10	14 24.82	−13 54.9	2.285	3.124	12.3	21.0

375906 2009 VL_{110} 5 5.2 232°.10 2°.6/ 6.9 17

4 1	15 16.88	−24 19.6	2.073	2.893	13.4	21.5
4 11	15 11.19	−24 28.8	1.979	2.883	10.4	21.2
4 21	15 3.26	−24 25.8	1.908	2.872	7.0	21.0
5 1	14 53.77	−24 10.3	1.864	2.861	3.6	20.8
5 11	14 43.72	−23 43.9	1.847	2.849	3.1	20.7
5 21	14 34.14	−23 10.0	1.858	2.837	6.4	20.9
5 31	14 26.02	−22 33.5	1.896	2.825	10.1	21.1
6 10	14 20.06	−21 59.8	1.956	2.812	13.4	21.3

336428 2008 UO_{240} 5 5.2 251°.59 3°.2/ 7.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 14.50	−26 33.6	2.009	2.827	13.8	21.2
4 11	15 9.44	−26 37.4	1.921	2.822	10.8	21.0
4 21	15 2.18	−26 26.7	1.856	2.816	7.5	20.7
5 1	14 53.44	−26 1.2	1.816	2.810	4.2	20.5
5 11	14 44.21	−25 23.0	1.804	2.804	3.6	20.5
5 21	14 35.53	−24 36.1	1.818	2.798	6.5	20.6
5 31	14 28.35	−23 46.1	1.859	2.792	10.0	20.8
6 10	14 23.35	−22 59.1	1.922	2.785	13.3	21.0

140999 2001 WK_{29} 5 5.2 80°.00 4°.4/ 1.9 18

4 1	15 13.53	− 3 20.2	2.242	3.093	11.4	19.2
4 11	15 8.04	− 2 49.2	2.189	3.111	8.6	19.1
4 21	15 0.99	− 2 21.4	2.162	3.130	5.9	18.9
5 1	14 53.01	− 2 0.5	2.161	3.148	4.4	18.9
5 11	14 44.90	− 1 49.8	2.188	3.167	5.5	18.9
5 21	14 37.41	− 1 51.2	2.243	3.185	8.0	19.1
5 31	14 31.17	− 2 5.4	2.323	3.203	10.6	19.3
6 10	14 26.64	− 2 32.1	2.424	3.221	12.9	19.5

258814 2002 NH_{28} 5 5.2 284°.94 0°.8/ 5.6 17

4 1	15 15.13	−19 48.3	1.592	2.441	15.3	21.1
4 11	15 10.50	−19 34.5	1.494	2.418	11.7	20.8
4 21	15 3.17	−19 7.7	1.418	2.394	7.4	20.5
5 1	14 53.82	−18 29.2	1.366	2.370	2.5	20.1
5 11	14 43.62	−17 42.5	1.340	2.346	2.9	20.1
5 21	14 33.88	−16 53.4	1.341	2.322	8.1	20.3
5 31	14 25.83	−16 8.6	1.365	2.298	12.9	20.5
6 10	14 20.40	−15 34.2	1.410	2.273	17.2	20.7

251996 2000 EY_{114} 5 5.2 106°.67 1°.5/ 4.2 17

4 1	15 14.77	−15 0.3	1.670	2.526	14.4	20.8
4 11	15 9.62	−14 19.1	1.604	2.534	10.6	20.6
4 21	15 2.23	−13 29.6	1.562	2.542	6.4	20.4
5 1	14 53.43	−12 36.1	1.545	2.550	2.1	20.1
5 11	14 44.33	−11 43.9	1.555	2.557	3.6	20.2
5 21	14 36.00	−10 58.6	1.592	2.565	7.9	20.5
5 31	14 29.36	−10 24.8	1.653	2.572	11.9	20.8
6 10	14 25.01	−10 5.4	1.735	2.579	15.3	21.0

499729 2011 BD_{20} 5 5.2 67°.23 8°.5/11.1 17

4 1	15 19.15	−38 9.0	1.733	2.505	17.5	20.5
4 11	15 13.47	−38 59.6	1.665	2.516	14.8	20.3
4 21	15 4.85	−39 26.8	1.616	2.528	12.0	20.2
5 1	14 54.27	−39 26.4	1.589	2.539	9.6	20.1
5 11	14 43.14	−38 58.0	1.586	2.551	8.5	20.0
5 21	14 32.93	−38 5.6	1.608	2.563	9.5	20.1
5 31	14 24.88	−36 57.3	1.654	2.574	11.8	20.3
6 10	14 19.77	−35 42.8	1.721	2.586	14.5	20.5

205754 2002 CU_{23} 5 5.2 29°.24 3°.7/ 2.9 18

4 1	15 12.26	−12 18.0	1.180	2.062	17.3	19.3
4 11	15 8.42	−11 9.2	1.126	2.068	12.8	19.1
4 21	15 1.76	− 9 52.0	1.091	2.075	7.8	18.8
5 1	14 53.32	− 8 34.4	1.080	2.083	3.9	18.6
5 11	14 44.51	− 7 25.4	1.093	2.091	6.0	18.8
5 21	14 36.71	− 6 33.0	1.129	2.100	10.7	19.1
5 31	14 31.05	− 6 2.3	1.187	2.109	15.3	19.3
6 10	14 28.18	− 5 54.8	1.262	2.119	19.2	19.6

198909 2005 UZ_{49} 5 5.2 225°.13 1°.4/ 6.0 16

4 1	15 17.60	−21 25.9	1.461	2.308	16.6	20.9
4 11	15 12.36	−21 13.2	1.382	2.303	12.7	20.7
4 21	15 4.23	−20 45.5	1.323	2.298	8.0	20.4
5 1	14 54.11	−20 3.8	1.289	2.292	3.1	20.1
5 11	14 43.34	−19 12.4	1.281	2.286	3.1	20.0
5 21	14 33.33	−18 17.6	1.298	2.280	8.1	20.3
5 31	14 25.34	−17 27.0	1.339	2.274	13.0	20.6
6 10	14 20.19	−16 47.1	1.401	2.267	17.1	20.8

316259 2010 OH_{100} 5 5.2 281°.25 2°.6/ 3.5 17

4 1	15 14.19	−13 38.4	1.503	2.368	15.3	21.3
4 11	15 9.79	−12 44.0	1.411	2.346	11.4	21.0
4 21	15 2.70	−11 38.9	1.341	2.323	7.0	20.7
5 1	14 53.68	−10 28.0	1.296	2.300	2.9	20.4
5 11	14 43.88	− 9 18.3	1.277	2.277	4.8	20.4
5 21	14 34.59	− 8 17.5	1.283	2.253	9.7	20.6
5 31	14 27.02	− 7 32.3	1.312	2.230	14.5	20.8
6 10	14 22.05	− 7 6.9	1.361	2.206	18.7	21.0

225962 2002 CN_{87} 5 5.2 18°.51 1°.1/ 5.8 17

4 1	15 14.60	−19 56.5	1.695	2.542	14.7	20.5
4 11	15 9.67	−19 54.3	1.621	2.543	11.1	20.3
4 21	15 2.38	−19 41.3	1.569	2.545	6.9	20.0
5 1	14 53.52	−19 18.7	1.542	2.546	2.5	19.7
5 11	14 44.20	−18 49.6	1.542	2.548	2.7	19.8
5 21	14 35.56	−18 18.5	1.568	2.549	7.1	20.0
5 31	14 28.61	−17 50.4	1.619	2.551	11.2	20.3
6 10	14 24.03	−17 30.0	1.691	2.554	14.8	20.5

124731 2001 SJ_{177} 5 5.2 309°.25 3°.3/ 3.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 13.05	−12 11.7	1.213	2.092	17.1	19.8
4 11	15 9.34	−11 25.6	1.135	2.077	12.8	19.5
4 21	15 2.60	−10 30.7	1.078	2.061	7.9	19.2
5 1	14 53.67	− 9 32.7	1.043	2.046	3.6	18.9
5 11	14 43.93	− 8 39.6	1.032	2.032	5.7	19.0
5 21	14 34.88	− 7 59.0	1.045	2.018	10.9	19.2
5 31	14 27.91	− 7 37.2	1.078	2.005	16.1	19.4
6 10	14 23.94	− 7 36.9	1.129	1.992	20.5	19.7

250353 2003 ST_{220} 5 5.2 216°.57 0°.5/ 4.8 17

4 1	15 17.17	−16 27.7	1.930	2.772	13.4	21.6
4 11	15 11.37	−16 7.3	1.843	2.764	10.0	21.4
4 21	15 3.34	−15 38.7	1.779	2.756	6.1	21.1
5 1	14 53.81	−15 4.1	1.742	2.747	1.8	20.8
5 11	14 43.77	−14 27.0	1.733	2.737	2.8	20.9
5 21	14 34.27	−13 52.0	1.752	2.727	7.1	21.1
5 31	14 26.26	−13 23.4	1.797	2.715	11.1	21.3
6 10	14 20.44	−13 4.9	1.864	2.704	14.6	21.5

341190 2007 RL_{52} 5 5.2 177°.08 0°.5/ 5.7 18

4 1	15 12.88	−20 17.1	2.804	3.627	10.2	22.3
4 11	15 7.51	−19 52.7	2.719	3.630	7.6	22.1
4 21	15 0.69	−19 20.0	2.660	3.631	4.7	21.9
5 1	14 52.96	−18 40.7	2.629	3.632	1.6	21.7
5 11	14 45.00	−17 57.5	2.628	3.633	1.8	21.7
5 21	14 37.46	−17 13.5	2.656	3.633	4.9	21.9
5 31	14 30.96	−16 32.3	2.713	3.632	7.8	22.1
6 10	14 25.95	−15 57.2	2.794	3.631	10.3	22.3

274448 2008 SY_{49} 5 5.2 305°.93 0°.9/ 4.6 18

4 1	15 12.24	−16 17.0	1.681	2.539	14.2	20.7
4 11	15 7.98	−15 44.8	1.597	2.527	10.6	20.4
4 21	15 1.40	−15 2.9	1.536	2.516	6.4	20.1
5 1	14 53.25	−14 14.4	1.499	2.505	1.9	19.8
5 11	14 44.56	−13 24.4	1.490	2.494	3.2	19.9
5 21	14 36.44	−12 38.3	1.506	2.483	7.8	20.1
5 31	14 29.89	−12 1.7	1.547	2.473	12.1	20.3
6 10	14 25.63	−11 38.5	1.608	2.463	15.8	20.6

118178 Rinckart 5 5.2 224°.74 0°.5/ 5.5 18

4 1	15 16.95	−18 20.9	2.293	3.123	11.9	19.8
4 11	15 10.96	−18 20.1	2.198	3.112	9.0	19.6
4 21	15 3.01	−18 11.8	2.127	3.100	5.6	19.3
5 1	14 53.71	−17 57.1	2.084	3.088	1.8	19.1
5 11	14 43.91	−17 37.9	2.070	3.075	2.2	19.1
5 21	14 34.52	−17 17.2	2.084	3.061	6.0	19.3
5 31	14 26.39	−16 58.7	2.126	3.047	9.6	19.5
6 10	14 20.15	−16 45.6	2.192	3.032	12.7	19.7

70304 1999 RE_{133} 5 5.2 329°.59 4°.2/ 7.5 18 R

4 1	15 8.16	−26 15.5	1.102	1.968	19.5	18.4
4 11	15 6.29	−26 16.5	1.017	1.945	15.5	18.0
4 21	15 1.07	−25 53.4	0.950	1.922	10.7	17.7
5 1	14 53.29	−25 4.5	0.902	1.901	5.8	17.3
5 11	14 44.43	−23 53.1	0.877	1.881	4.7	17.2
5 21	14 36.23	−22 27.6	0.873	1.862	9.5	17.4
5 31	14 30.35	−21 0.2	0.889	1.845	15.1	17.6
6 10	14 27.88	−19 42.7	0.923	1.830	20.2	17.8

267180 2000 QK_{32} 5 5.2 260°.81 2°.9/ 3.4 18

4 1	15 16.36	− 9 15.8	2.004	2.855	12.6	20.2
4 11	15 10.75	− 8 55.7	1.909	2.835	9.5	20.0
4 21	15 3.00	− 8 33.7	1.838	2.815	5.9	19.7
5 1	14 53.74	− 8 13.0	1.793	2.794	3.0	19.5
5 11	14 43.87	− 7 57.1	1.777	2.773	4.4	19.5
5 21	14 34.40	− 7 49.5	1.788	2.751	8.1	19.7
5 31	14 26.26	− 7 52.8	1.825	2.729	11.8	19.9
6 10	14 20.15	− 8 8.5	1.883	2.706	15.1	20.1

374469 2005 XV_{83} 5 5.2 137°.95 5°.0/ 1.7 17

4 1	15 15.90	− 2 22.2	2.124	2.972	12.1	20.7
4 11	15 9.94	− 1 45.7	2.062	2.982	9.2	20.6
4 21	15 2.22	− 1 12.8	2.026	2.992	6.5	20.4
5 1	14 53.43	− 0 48.0	2.016	3.001	5.0	20.3
5 11	14 44.42	− 0 34.9	2.035	3.009	6.1	20.4
5 21	14 36.03	− 0 35.8	2.080	3.018	8.7	20.6
5 31	14 29.00	− 0 51.5	2.151	3.025	11.5	20.8
6 10	14 23.83	− 1 21.3	2.243	3.033	14.0	21.0

304713 2006 WL_{203} 5 5.2 209°.39 2°.2/ 3.1 18

4 1	15 11.60	− 9 6.5	3.013	3.855	9.1	21.7
4 11	15 6.48	− 8 39.9	2.927	3.849	6.7	21.6
4 21	15 0.05	− 8 12.0	2.866	3.841	4.2	21.4
5 1	14 52.80	− 7 45.0	2.835	3.834	2.3	21.2
5 11	14 45.29	− 7 21.8	2.833	3.826	3.2	21.3
5 21	14 38.11	− 7 4.5	2.861	3.817	5.7	21.4
5 31	14 31.81	− 6 55.1	2.915	3.808	8.3	21.6
6 10	14 26.80	− 6 54.7	2.994	3.799	10.5	21.7

490143 2008 UZ_{150} 5 5.2 203°.17 0°.2/ 5.4 17

4 1	15 13.78	−18 55.2	2.452	3.284	11.2	22.4
4 11	15 8.42	−18 30.9	2.363	3.279	8.4	22.2
4 21	15 1.36	−17 58.1	2.300	3.274	5.1	22.0
5 1	14 53.21	−17 18.6	2.264	3.268	1.6	21.8
5 11	14 44.72	−16 35.6	2.257	3.262	2.1	21.8
5 21	14 36.68	−15 52.5	2.279	3.256	5.6	22.0
5 31	14 29.81	−15 13.6	2.329	3.249	8.9	22.2
6 10	14 24.63	−14 42.0	2.403	3.241	11.8	22.4

381540 2008 SC_{303} 5 5.2 312°.49 5°.4/ 8.9 18

4 1	15 13.77	−31 18.2	1.718	2.529	16.1	20.4
4 11	15 9.39	−31 28.3	1.630	2.520	13.1	20.1
4 21	15 2.40	−31 18.1	1.562	2.510	9.7	19.9
5 1	14 53.60	−30 45.9	1.518	2.501	6.5	19.7
5 11	14 44.17	−29 53.3	1.499	2.492	5.5	19.6
5 21	14 35.38	−28 45.2	1.506	2.484	7.8	19.7
5 31	14 28.39	−27 29.5	1.537	2.475	11.3	19.9
6 10	14 23.98	−26 15.0	1.590	2.467	14.8	20.1

181128 2005 QA_{127} 5 5.2 181°.42 0°.0/ 4.9 18

4 1	15 11.56	−17 53.5	2.907	3.737	9.7	21.8
4 11	15 6.51	−17 33.3	2.822	3.738	7.2	21.6
4 21	15 0.09	−17 6.7	2.763	3.738	4.4	21.5
5 1	14 52.81	−16 35.5	2.733	3.738	1.3	21.2
5 11	14 45.30	−16 2.0	2.733	3.738	1.8	21.3
5 21	14 38.17	−15 29.1	2.762	3.737	4.8	21.5
5 31	14 32.00	−14 59.8	2.818	3.735	7.6	21.7
6 10	14 27.22	−14 36.5	2.899	3.734	10.1	21.8

297786 2001 XO_{262} 5 5.2 184°.23 0°.3/ 4.9 17

4 1	15 12.19	−16 38.1	2.714	3.549	10.1	21.9
4 11	15 7.05	−16 16.6	2.630	3.549	7.5	21.7
4 21	15 0.46	−15 49.2	2.572	3.548	4.5	21.5
5 1	14 52.93	−15 17.7	2.543	3.548	1.3	21.3
5 11	14 45.15	−14 44.7	2.542	3.547	2.0	21.3
5 21	14 37.77	−14 13.3	2.571	3.545	5.2	21.5
5 31	14 31.42	−13 46.4	2.628	3.543	8.2	21.7
6 10	14 26.56	−13 26.6	2.708	3.541	10.8	21.9

383611 2007 JF_{42} 5 5.2 302°.01 19°.4/30.2 17

4 1	15 28.94	+21 15.1	1.040	1.861	23.6	20.1
4 11	15 21.53	+22 7.7	0.987	1.852	21.6	20.0
4 21	15 10.09	+22 22.6	0.950	1.844	20.0	19.8
5 1	14 55.93	+21 45.4	0.930	1.836	19.4	19.7
5 11	14 41.08	+20 8.6	0.928	1.829	20.2	19.8
5 21	14 27.61	+17 35.8	0.946	1.821	22.3	19.9
5 31	14 17.21	+14 18.6	0.981	1.814	25.0	20.0
6 10	14 10.73	+10 33.0	1.031	1.808	27.7	20.2

75317 1999 XO_{43} 5 5.2 197°.20 0°.7/ 5.7 17

4 1	15 17.00	−19 55.9	2.017	2.850	13.2	20.2
4 11	15 11.16	−19 38.1	1.932	2.847	10.0	19.9
4 21	15 3.18	−19 9.7	1.870	2.844	6.2	19.7
5 1	14 53.79	−18 32.3	1.836	2.840	2.1	19.4
5 11	14 43.96	−17 49.2	1.829	2.835	2.4	19.4
5 21	14 34.71	−17 4.8	1.851	2.829	6.5	19.7
5 31	14 26.94	−16 24.2	1.900	2.823	10.4	19.9
6 10	14 21.29	−15 51.8	1.971	2.816	13.7	20.1

363739 2004 XF_{81} 5 5.2 185°.66 0°.2/ 5.0 16

4 1	15 17.26	−17 58.1	1.816	2.658	14.0	21.5
4 11	15 11.48	−17 28.3	1.737	2.659	10.5	21.3
4 21	15 3.42	−16 48.2	1.681	2.658	6.4	21.0
5 1	14 53.86	−16 0.2	1.652	2.657	1.9	20.7
5 11	14 43.88	−15 8.9	1.651	2.656	2.8	20.8
5 21	14 34.58	−14 19.5	1.677	2.654	7.3	21.1
5 31	14 26.90	−13 37.4	1.729	2.651	11.3	21.3
6 10	14 21.51	−13 6.9	1.803	2.647	14.8	21.5

432318 2009 UN_{25} 5 5.2 212°.56 0°.6/ 4.8 17

4 1	15 14.22	−17 3.2	2.028	2.872	12.7	21.6
4 11	15 9.04	−16 29.9	1.944	2.867	9.5	21.4
4 21	15 1.88	−15 47.6	1.884	2.862	5.7	21.1
5 1	14 53.40	−14 59.1	1.851	2.857	1.7	20.8
5 11	14 44.53	−14 8.6	1.847	2.851	2.7	20.9
5 21	14 36.20	−13 20.7	1.870	2.845	6.8	21.1
5 31	14 29.26	−12 40.3	1.919	2.838	10.5	21.3
6 10	14 24.31	−12 10.8	1.990	2.831	13.8	21.5

389195 2009 CH_{27} 5 5.2 234°.44 4°.7/ 1.1 18

4 1	15 11.95	− 3 14.2	2.339	3.191	11.0	20.7
4 11	15 7.06	− 2 23.7	2.260	3.183	8.4	20.6
4 21	15 0.54	− 1 34.9	2.207	3.174	5.9	20.4
5 1	14 52.98	− 0 52.1	2.181	3.165	4.7	20.3
5 11	14 45.11	− 0 19.8	2.183	3.157	5.9	20.4
5 21	14 37.66	− 0 0.9	2.212	3.147	8.4	20.5
5 31	14 31.33	+ 0 2.6	2.266	3.138	11.1	20.7
6 10	14 26.63	− 0 9.2	2.341	3.128	13.6	20.8

430485 2001 SF_{264} 5 5.2 190°.12 9°.6/11.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 30.07	−46 10.4	2.592	3.267	14.6	23.1
4 11	15 21.55	−47 37.0	2.500	3.265	13.0	22.9
4 21	15 9.93	−48 44.5	2.429	3.263	11.4	22.8
5 1	14 55.96	−49 26.8	2.381	3.261	10.1	22.7
5 11	14 40.92	−49 40.4	2.359	3.257	9.6	22.7
5 21	14 26.29	−49 25.7	2.363	3.252	10.0	22.7
5 31	14 13.51	−48 47.4	2.391	3.247	11.2	22.7
6 10	14 3.59	−47 53.4	2.443	3.241	12.8	22.8

130098 1999 XM_{21} 5 5.2 105°.14 2°.0/ 3.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.53	−12 54.9	2.126	2.976	12.0	20.2
4 11	15 8.20	−12 4.4	2.067	2.993	8.8	20.1
4 21	15 1.18	−11 9.0	2.032	3.011	5.3	19.9
5 1	14 53.15	−10 12.7	2.025	3.028	2.3	19.7
5 11	14 44.98	− 9 20.1	2.047	3.045	3.6	19.8
5 21	14 37.46	− 8 35.5	2.096	3.061	6.9	20.1
5 31	14 31.29	− 8 2.1	2.171	3.077	10.1	20.3
6 10	14 26.92	− 7 41.8	2.269	3.092	12.9	20.5

240448 2003 YK_{18} 5 5.2 113°.54 0°.7/ 4.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.17	−15 26.0	2.251	3.093	11.7	21.4
4 11	15 8.67	−15 4.1	2.185	3.107	8.6	21.2
4 21	15 1.48	−14 36.3	2.144	3.121	5.2	21.1
5 1	14 53.25	−14 5.1	2.130	3.135	1.6	20.8
5 11	14 44.83	−13 33.7	2.145	3.148	2.5	20.9
5 21	14 36.99	−13 5.5	2.188	3.161	6.1	21.2
5 31	14 30.45	−12 43.7	2.258	3.174	9.3	21.4
6 10	14 25.69	−12 30.6	2.351	3.186	12.1	21.6

51679 2001 KY_{8} 5 5.2 247°.39 2°.9/ 3.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.35	−10 7.5	1.795	2.650	13.6	18.5
4 11	15 10.90	− 9 42.0	1.710	2.639	10.2	18.2
4 21	15 3.16	− 9 13.4	1.648	2.627	6.3	18.0
5 1	14 53.84	− 8 45.4	1.613	2.614	3.1	17.7
5 11	14 43.96	− 8 22.2	1.605	2.602	4.5	17.8
5 21	14 34.61	− 8 7.9	1.624	2.589	8.5	18.0
5 31	14 26.78	− 8 5.5	1.667	2.576	12.5	18.2
6 10	14 21.18	− 8 16.7	1.731	2.562	15.9	18.4

278918 2008 TC_{164} 5 5.2 267°.14 7°.3/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.88	+ 2 43.7	1.923	2.773	13.1	20.1
4 11	15 9.54	+ 3 29.4	1.851	2.764	10.5	19.9
4 21	15 2.19	+ 4 7.6	1.801	2.755	8.2	19.7
5 1	14 53.51	+ 4 32.4	1.778	2.745	7.3	19.7
5 11	14 44.44	+ 4 39.1	1.780	2.736	8.5	19.7
5 21	14 35.91	+ 4 25.4	1.808	2.726	11.0	19.8
5 31	14 28.78	+ 3 51.1	1.858	2.717	13.8	20.0
6 10	14 23.66	+ 2 58.1	1.929	2.707	16.4	20.2

424156 2007 GP_{57} 5 5.2 34°.67 3°.5/ 2.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 12.45	−10 15.6	1.563	2.432	14.5	21.3
4 11	15 8.02	− 9 23.5	1.502	2.437	10.8	21.1
4 21	15 1.35	− 8 27.5	1.463	2.443	6.7	20.9
5 1	14 53.26	− 7 33.1	1.449	2.450	3.7	20.7
5 11	14 44.85	− 6 46.4	1.462	2.457	5.3	20.8
5 21	14 37.21	− 6 12.7	1.500	2.464	9.2	21.1
5 31	14 31.25	− 5 55.4	1.560	2.471	13.0	21.3
6 10	14 27.57	− 5 55.7	1.641	2.479	16.4	21.5

380605 2004 TO_{62} 5 5.2 211°.71 1°.0/ 4.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.27	−16 28.7	2.309	3.149	11.5	21.7
4 11	15 8.11	−15 36.5	2.221	3.143	8.5	21.5
4 21	15 1.22	−14 35.7	2.158	3.135	5.1	21.3
5 1	14 53.21	−13 29.3	2.123	3.128	1.6	21.0
5 11	14 44.88	−12 22.0	2.117	3.120	2.8	21.1
5 21	14 37.02	−11 18.8	2.141	3.111	6.4	21.3
5 31	14 30.36	−10 24.1	2.191	3.102	9.8	21.5
6 10	14 25.45	− 9 41.5	2.264	3.092	12.8	21.7

90976 1997 WH_{38} 5 5.2 189°.64 1°.1/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 17.38	−21 44.4	1.832	2.665	14.3	20.3
4 11	15 11.63	−21 17.5	1.750	2.664	10.9	20.0
4 21	15 3.55	−20 36.9	1.691	2.663	6.9	19.8
5 1	14 53.94	−19 44.4	1.658	2.661	2.5	19.5
5 11	14 43.89	−18 44.2	1.653	2.658	2.6	19.5
5 21	14 34.52	−17 41.9	1.675	2.655	6.9	19.8
5 31	14 26.81	−16 44.1	1.724	2.651	11.0	20.0
6 10	14 21.43	−15 56.2	1.795	2.646	14.6	20.2

323076 2002 TL_{106} 5 5.2 242°.99 1°.8/ 6.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.93	−22 26.5	1.904	2.734	14.0	21.9
4 11	15 11.42	−22 22.3	1.809	2.721	10.8	21.6
4 21	15 3.54	−22 5.6	1.737	2.706	7.0	21.4
5 1	14 53.98	−21 36.7	1.690	2.691	3.0	21.1
5 11	14 43.79	−20 58.2	1.671	2.676	2.8	21.0
5 21	14 34.08	−20 14.3	1.680	2.660	6.8	21.3
5 31	14 25.92	−19 30.8	1.714	2.644	10.9	21.5
6 10	14 20.05	−18 53.2	1.771	2.627	14.6	21.7

348966 2006 UX_{59} 5 5.2 188°.22 1°.5/ 6.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 12.60	−23 28.0	2.836	3.650	10.3	21.9
4 11	15 7.38	−23 14.9	2.747	3.650	7.9	21.8
4 21	15 0.69	−22 52.4	2.683	3.648	5.1	21.6
5 1	14 53.04	−22 21.1	2.647	3.647	2.4	21.4
5 11	14 45.13	−21 43.4	2.641	3.645	2.1	21.4
5 21	14 37.62	−21 2.2	2.663	3.642	4.8	21.5
5 31	14 31.15	−20 21.0	2.714	3.639	7.6	21.7
6 10	14 26.17	−19 43.6	2.790	3.635	10.1	21.9

16552 Sawamura 5 5.2 189°.66 0°.2/ 5.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.97	−18 1.0	1.902	2.745	13.5	18.7
4 11	15 10.45	−17 30.9	1.822	2.744	10.1	18.4
4 21	15 2.78	−16 50.8	1.766	2.743	6.1	18.2
5 1	14 53.71	−16 3.2	1.736	2.741	1.8	17.9
5 11	14 44.23	−15 12.3	1.734	2.739	2.7	18.0
5 21	14 35.38	−14 23.4	1.760	2.736	7.0	18.2
5 31	14 28.05	−13 41.4	1.811	2.733	10.9	18.5
6 10	14 22.89	−13 10.3	1.885	2.729	14.3	18.7

31814 1999 RW_{70} 5 5.2 266°.71 1°.0/ 6.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.28	−22 43.1	4.575	5.387	6.7	19.7
4 11	15 1.56	−22 35.6	4.480	5.382	5.1	19.5
4 21	14 57.00	−22 22.6	4.412	5.377	3.3	19.4
5 1	14 51.92	−22 4.8	4.373	5.372	1.5	19.3
5 11	14 46.68	−21 43.6	4.363	5.367	1.3	19.2
5 21	14 41.65	−21 20.3	4.383	5.362	3.1	19.4
5 31	14 37.18	−20 56.7	4.432	5.357	4.9	19.5
6 10	14 33.54	−20 34.7	4.506	5.351	6.6	19.6

276517 2003 QO_{107} 5 5.2 293°.76 8°.0/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 12.77	+ 2 18.2	1.789	2.647	13.5	20.1
4 11	15 8.22	+ 3 26.7	1.710	2.627	10.9	19.8
4 21	15 1.53	+ 4 29.5	1.653	2.608	8.7	19.7
5 1	14 53.36	+ 5 19.1	1.622	2.588	8.0	19.6
5 11	14 44.67	+ 5 49.1	1.615	2.568	9.4	19.6
5 21	14 36.46	+ 5 55.6	1.633	2.548	12.2	19.7
5 31	14 29.66	+ 5 37.3	1.673	2.529	15.2	19.9
6 10	14 24.95	+ 4 55.8	1.731	2.509	18.0	20.0

276099 2002 EO_{68} 5 5.2 9°.50 4°.2/ 2.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 10.45	− 9 48.7	1.535	2.408	14.5	20.5
4 11	15 6.61	− 8 34.7	1.472	2.409	10.8	20.2
4 21	15 0.53	− 7 15.8	1.431	2.411	6.8	20.0
5 1	14 53.03	− 5 58.9	1.415	2.413	4.3	19.8
5 11	14 45.19	− 4 51.6	1.425	2.415	6.0	20.0
5 21	14 38.07	− 4 0.3	1.459	2.419	9.9	20.2
5 31	14 32.60	− 3 29.0	1.517	2.422	13.7	20.4
6 10	14 29.37	− 3 18.9	1.594	2.426	17.0	20.6

237709 2001 UN_{161} 5 5.2 281°.97 0°.0/ 4.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.89	−19 9.0	1.465	2.320	16.2	20.4
4 11	15 11.38	−18 37.4	1.365	2.292	12.3	20.1
4 21	15 3.90	−17 50.4	1.285	2.264	7.7	19.8
5 1	14 54.19	−16 49.9	1.230	2.235	2.4	19.4
5 11	14 43.47	−15 41.0	1.200	2.206	3.3	19.3
5 21	14 33.17	−14 31.2	1.196	2.176	9.0	19.6
5 31	14 24.69	−13 29.1	1.216	2.147	14.3	19.8
6 10	14 19.04	−12 41.8	1.254	2.116	18.9	20.0

227503 2005 XR_{84} 5 5.2 171°.97 4°.0/ 8.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 19.92	−28 43.1	2.389	3.180	12.7	21.4
4 11	15 13.22	−29 14.0	2.303	3.183	10.2	21.2
4 21	15 4.42	−29 32.2	2.241	3.187	7.3	21.0
5 1	14 54.22	−29 36.1	2.206	3.189	4.8	20.8
5 11	14 43.55	−29 26.0	2.200	3.191	4.2	20.8
5 21	14 33.40	−29 4.5	2.222	3.192	6.2	20.9
5 31	14 24.66	−28 35.7	2.271	3.193	9.0	21.1
6 10	14 17.97	−28 4.9	2.345	3.193	11.7	21.3

185613 2008 CE_{50} 5 5.2 197°.76 3°.7/ 8.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.27	−28 59.3	2.490	3.287	12.1	20.6
4 11	15 8.95	−29 13.8	2.402	3.286	9.6	20.4
4 21	15 1.79	−29 15.5	2.337	3.284	6.9	20.2
5 1	14 53.42	−29 3.5	2.298	3.283	4.5	20.1
5 11	14 44.65	−28 39.2	2.287	3.281	3.8	20.0
5 21	14 36.35	−28 5.1	2.305	3.279	5.7	20.2
5 31	14 29.29	−27 25.7	2.349	3.277	8.5	20.3
6 10	14 24.04	−26 45.8	2.418	3.274	11.1	20.5

477633 2010 LD_{118} 5 5.2 340°.00 4°.2/ 7.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.78	−25 56.1	1.783	2.611	14.9	20.8
4 11	15 9.32	−26 37.2	1.696	2.600	11.8	20.5
4 21	15 2.39	−27 5.9	1.630	2.590	8.3	20.3
5 1	14 53.67	−27 20.1	1.589	2.580	5.1	20.1
5 11	14 44.26	−27 20.2	1.574	2.571	4.5	20.0
5 21	14 35.33	−27 8.4	1.584	2.563	7.3	20.2
5 31	14 28.02	−26 49.6	1.620	2.556	11.0	20.4
6 10	14 23.12	−26 29.5	1.676	2.549	14.4	20.6

95137 2002 AH_{159} 5 5.2 134°.23 0°.9/ 4.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 18.12	−16 19.2	1.714	2.562	14.5	20.1
4 11	15 12.07	−15 45.7	1.650	2.574	10.8	19.9
4 21	15 3.74	−15 3.2	1.608	2.586	6.5	19.7
5 1	14 53.99	−14 15.1	1.592	2.597	1.9	19.4
5 11	14 43.95	−13 26.4	1.604	2.608	3.1	19.5
5 21	14 34.74	−12 42.2	1.644	2.618	7.6	19.8
5 31	14 27.29	−12 7.6	1.708	2.628	11.6	20.1
6 10	14 22.20	−11 45.6	1.795	2.636	15.0	20.3

226048 2002 GO_{88} 5 5.2 54°.90 3°.3/ 3.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 18.90	− 6 49.7	1.699	2.554	14.3	19.4
4 11	15 12.66	− 6 57.9	1.636	2.563	10.7	19.2
4 21	15 4.12	− 7 8.4	1.596	2.572	6.7	19.0
5 1	14 54.12	− 7 23.7	1.582	2.582	3.6	18.8
5 11	14 43.77	− 7 46.1	1.595	2.591	4.7	18.9
5 21	14 34.18	− 8 16.9	1.636	2.601	8.5	19.1
5 31	14 26.32	− 8 56.8	1.701	2.611	12.2	19.4
6 10	14 20.81	− 9 45.7	1.788	2.621	15.4	19.6

395073 2009 HE_{6} 5 5.2 27°.01 4°.4/ 1.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.38	− 7 41.6	1.950	2.815	12.3	20.7
4 11	15 5.36	− 6 20.4	1.887	2.820	9.1	20.5
4 21	14 59.59	− 4 57.0	1.849	2.825	6.0	20.4
5 1	14 52.74	− 3 37.4	1.837	2.830	4.4	20.3
5 11	14 45.65	− 2 28.1	1.853	2.835	5.9	20.4
5 21	14 39.15	− 1 34.0	1.895	2.841	8.9	20.6
5 31	14 33.96	− 0 58.4	1.961	2.847	12.0	20.8
6 10	14 30.56	− 0 41.9	2.047	2.853	14.7	21.0

430668 2003 US_{197} 5 5.2 254°.54 1°.3/ 5.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 17.30	−19 32.3	2.152	2.982	12.6	21.2
4 11	15 11.47	−19 50.5	2.055	2.968	9.6	21.0
4 21	15 3.48	−20 1.4	1.982	2.953	6.1	20.7
5 1	14 53.98	−20 4.8	1.936	2.939	2.4	20.4
5 11	14 43.87	−20 2.1	1.919	2.924	2.4	20.4
5 21	14 34.13	−19 55.4	1.930	2.908	6.3	20.6
5 31	14 25.72	−19 48.3	1.967	2.893	10.0	20.8
6 10	14 19.34	−19 44.4	2.028	2.877	13.3	21.0

338129 2002 QL_{90} 5 5.2 212°.46 0°.8/ 4.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.40	−14 45.9	2.214	3.058	11.8	21.3
4 11	15 9.04	−14 35.4	2.131	3.054	8.8	21.1
4 21	15 1.85	−14 19.7	2.073	3.051	5.3	20.8
5 1	14 53.44	−14 0.8	2.042	3.047	1.6	20.6
5 11	14 44.66	−13 41.3	2.039	3.043	2.6	20.6
5 21	14 36.35	−13 24.4	2.065	3.039	6.3	20.9
5 31	14 29.30	−13 13.0	2.117	3.034	9.8	21.1
6 10	14 24.08	−13 9.7	2.192	3.030	12.8	21.3

99326 2001 UA_{26} 5 5.2 49°.81 3°.4/ 8.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 12.54	−28 17.4	2.000	2.816	14.0	19.1
4 11	15 7.88	−28 4.6	1.928	2.826	11.0	18.9
4 21	15 1.19	−27 35.3	1.878	2.835	7.6	18.7
5 1	14 53.23	−26 50.2	1.854	2.846	4.4	18.5
5 11	14 45.00	−25 52.4	1.856	2.856	3.6	18.5
5 21	14 37.45	−24 47.2	1.886	2.866	6.2	18.6
5 31	14 31.42	−23 40.7	1.941	2.877	9.5	18.9
6 10	14 27.47	−22 39.0	2.020	2.888	12.5	19.1

384883 2012 SZ_{64} 5 5.2 145°.68 0°.9/ 6.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.09	−21 51.9	2.513	3.337	11.2	21.5
4 11	15 7.82	−21 23.3	2.436	3.346	8.4	21.3
4 21	15 0.97	−20 44.6	2.384	3.354	5.3	21.2
5 1	14 53.15	−19 57.6	2.359	3.362	2.0	20.9
5 11	14 45.11	−19 5.5	2.364	3.369	2.0	20.9
5 21	14 37.60	−18 12.2	2.398	3.376	5.2	21.2
5 31	14 31.27	−17 22.0	2.459	3.383	8.3	21.4
6 10	14 26.58	−16 38.6	2.545	3.389	11.0	21.6

159641 2002 CW_{110} 5 5.2 359°.67 8°.5/28.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 11.09	+ 1 53.0	1.668	2.533	14.0	19.6
4 11	15 6.90	+ 3 30.4	1.611	2.532	11.2	19.4
4 21	15 0.65	+ 5 1.5	1.578	2.532	9.0	19.3
5 1	14 53.09	+ 6 17.5	1.569	2.532	8.5	19.3
5 11	14 45.22	+ 7 11.2	1.585	2.532	10.0	19.4
5 21	14 38.01	+ 7 38.5	1.624	2.532	12.6	19.5
5 31	14 32.33	+ 7 38.4	1.684	2.533	15.4	19.7
6 10	14 28.73	+ 7 13.2	1.762	2.534	18.0	19.9

212037 2005 CF_{51} 5 5.2 359°.70 0°.0/ 4.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 12.56	−16 36.2	1.109	1.989	18.4	19.6
4 11	15 9.15	−16 39.8	1.045	1.986	13.8	19.3
4 21	15 2.56	−16 33.2	1.000	1.984	8.4	19.0
5 1	14 53.76	−16 18.7	0.977	1.983	2.5	18.6
5 11	14 44.27	−16 0.6	0.977	1.983	3.5	18.7
5 21	14 35.69	−15 44.5	0.999	1.985	9.4	19.0
5 31	14 29.41	−15 35.9	1.043	1.988	14.6	19.3
6 10	14 26.30	−15 39.1	1.104	1.992	19.1	19.6

477678 2010 PX_{80} 5 5.2 280°.70 0°.7/ 4.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 10.07	−17 5.2	2.337	3.181	11.2	21.6
4 11	15 5.80	−16 17.0	2.245	3.169	8.3	21.3
4 21	14 59.87	−15 19.8	2.179	3.157	5.0	21.1
5 1	14 52.86	−14 16.8	2.140	3.145	1.5	20.8
5 11	14 45.51	−13 12.2	2.130	3.133	2.6	20.9
5 21	14 38.58	−12 10.7	2.148	3.121	6.2	21.1
5 31	14 32.77	−11 17.0	2.192	3.109	9.5	21.3
6 10	14 28.61	−10 34.4	2.260	3.097	12.5	21.5

175280 2005 KZ_{6} 5 5.2 328°.32 0°.2/ 5.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.13	−16 35.2	1.382	2.244	16.5	19.6
4 11	15 11.44	−16 48.6	1.305	2.236	12.5	19.4
4 21	15 3.83	−16 54.4	1.249	2.228	7.7	19.1
5 1	14 54.15	−16 53.4	1.216	2.221	2.4	18.7
5 11	14 43.71	−16 48.3	1.208	2.214	3.1	18.8
5 21	14 33.96	−16 42.8	1.226	2.208	8.5	19.0
5 31	14 26.20	−16 41.6	1.266	2.202	13.4	19.3
6 10	14 21.30	−16 48.6	1.326	2.197	17.6	19.5

133323 2003 SL_{88} 5 5.2 286°.55 2°.0/ 6.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.66	−22 26.8	1.910	2.744	13.8	19.6
4 11	15 9.63	−22 30.8	1.827	2.740	10.6	19.4
4 21	15 2.39	−22 23.3	1.767	2.736	6.9	19.1
5 1	14 53.66	−22 4.6	1.732	2.733	3.1	18.9
5 11	14 44.43	−21 37.0	1.724	2.729	2.8	18.9
5 21	14 35.77	−21 4.3	1.744	2.725	6.5	19.1
5 31	14 28.63	−20 31.6	1.789	2.722	10.3	19.3
6 10	14 23.68	−20 3.7	1.857	2.718	13.7	19.5

156415 2002 AN_{70} 5 5.2 106°.74 0°.4/ 5.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.07	−19 2.0	1.879	2.720	13.7	20.4
4 11	15 10.45	−18 47.5	1.813	2.733	10.3	20.2
4 21	15 2.74	−18 23.3	1.770	2.746	6.3	20.0
5 1	14 53.71	−17 51.4	1.754	2.758	2.0	19.8
5 11	14 44.42	−17 15.2	1.765	2.770	2.4	19.8
5 21	14 35.84	−16 39.2	1.803	2.782	6.6	20.1
5 31	14 28.86	−16 8.0	1.868	2.794	10.4	20.3
6 10	14 24.04	−15 45.2	1.955	2.805	13.6	20.6

263108 2007 TS_{377} 5 5.2 312°.58 0°.1/ 5.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.18	−17 27.7	1.401	2.261	16.5	20.6
4 11	15 11.39	−17 25.5	1.325	2.255	12.4	20.3
4 21	15 3.75	−17 13.4	1.271	2.250	7.6	20.0
5 1	14 54.12	−16 52.9	1.240	2.245	2.4	19.7
5 11	14 43.81	−16 27.7	1.234	2.240	3.1	19.7
5 21	14 34.23	−16 3.0	1.253	2.235	8.4	20.0
5 31	14 26.64	−15 44.2	1.296	2.230	13.3	20.3
6 10	14 21.87	−15 35.7	1.358	2.226	17.4	20.5

505246 2012 UL_{112} 5 5.2 219°.59 1°.0/ 4.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.30	−13 5.9	2.406	3.244	11.2	21.5
4 11	15 10.36	−13 8.2	2.317	3.237	8.3	21.3
4 21	15 2.64	−13 7.5	2.253	3.230	5.0	21.0
5 1	14 53.72	−13 5.0	2.218	3.222	1.6	20.8
5 11	14 44.39	−13 2.9	2.212	3.214	2.6	20.8
5 21	14 35.46	−13 3.3	2.235	3.206	6.1	21.1
5 31	14 27.70	−13 8.3	2.285	3.197	9.4	21.2
6 10	14 21.68	−13 19.9	2.359	3.188	12.2	21.4

503301 2016 AX_{78} 5 5.2 31°.46 7°.1/ 2.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.84	− 4 9.2	1.058	1.947	18.3	20.3
4 11	15 9.69	− 3 15.9	1.019	1.960	13.9	20.1
4 21	15 2.58	− 2 27.4	0.998	1.975	9.6	19.9
5 1	14 53.69	− 1 52.2	0.999	1.991	7.1	19.8
5 11	14 44.56	− 1 37.2	1.022	2.008	8.8	20.0
5 21	14 36.61	− 1 45.6	1.067	2.026	12.7	20.2
5 31	14 30.99	− 2 17.5	1.132	2.045	16.7	20.5
6 10	14 28.28	− 3 9.9	1.214	2.064	20.2	20.8

522636 2016 FA_{68} 5 5.2 82°.91 9°.1/29.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.95	+ 4 46.0	1.635	2.491	14.7	20.6
4 11	15 9.67	+ 6 2.1	1.590	2.502	12.0	20.4
4 21	15 2.26	+ 7 7.0	1.567	2.513	9.8	20.3
5 1	14 53.57	+ 7 53.2	1.567	2.524	9.2	20.3
5 11	14 44.69	+ 8 14.9	1.593	2.535	10.4	20.4
5 21	14 36.62	+ 8 10.2	1.642	2.546	12.8	20.6
5 31	14 30.24	+ 7 40.0	1.712	2.556	15.4	20.8
6 10	14 26.06	+ 6 47.6	1.800	2.567	17.8	21.0

200040 2007 RR_{162} 5 5.2 145°.71 2°.6/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.21	− 7 1.0	3.497	4.344	7.8	21.0
4 11	15 3.09	− 6 16.4	3.426	4.349	5.8	20.8
4 21	14 57.98	− 5 31.5	3.382	4.354	3.8	20.7
5 1	14 52.26	− 4 48.9	3.367	4.359	2.6	20.6
5 11	14 46.42	− 4 11.3	3.381	4.364	3.4	20.7
5 21	14 40.87	− 3 41.0	3.424	4.369	5.4	20.8
5 31	14 36.05	− 3 19.6	3.494	4.373	7.4	21.0
6 10	14 32.27	− 3 7.9	3.587	4.377	9.2	21.1

60249 1999 VC_{199} 5 5.2 281.°90 6.°0/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 13.28	+ 2 21.1	2.365	3.209	11.1	18.7
4 11	15 8.07	+ 2 52.1	2.288	3.199	8.9	18.5
4 21	15 1.21	+ 3 16.5	2.235	3.188	6.8	18.4
5 1	14 53.28	+ 3 30.2	2.208	3.177	6.0	18.3
5 11	14 45.03	+ 3 29.8	2.209	3.167	7.0	18.3
5 21	14 37.20	+ 3 13.5	2.237	3.156	9.1	18.5
5 31	14 30.49	+ 2 41.1	2.289	3.145	11.6	18.6
6 10	14 25.41	+ 1 53.7	2.362	3.135	13.9	18.7

6111 Davemckay 5 5.2 175.°35 1.°6/ 4.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.66	−13 12.8	2.090	2.934	12.4	17.9
4 11	15 10.74	−12 43.4	2.014	2.937	9.2	17.7
4 21	15 2.88	−12 8.9	1.962	2.940	5.5	17.5
5 1	14 53.79	−11 32.2	1.937	2.941	2.1	17.2
5 11	14 44.36	−10 57.1	1.942	2.942	3.3	17.3
5 21	14 35.52	−10 27.5	1.974	2.942	7.0	17.5
5 31	14 28.06	−10 6.8	2.033	2.942	10.5	17.8
6 10	14 22.57	− 9 57.3	2.114	2.941	13.6	18.0

380463 2003 UZ_{271} 5 5.2 131.°64 0.°0/ 5.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.60	−16 58.1	2.626	3.455	10.6	22.4
4 11	15 9.55	−16 48.3	2.557	3.472	7.9	22.2
4 21	15 1.98	−16 32.7	2.513	3.488	4.8	22.0
5 1	14 53.49	−16 12.7	2.498	3.503	1.4	21.8
5 11	14 44.81	−15 50.7	2.512	3.517	2.0	21.9
5 21	14 36.65	−15 29.5	2.557	3.531	5.2	22.1
5 31	14 29.65	−15 11.7	2.629	3.545	8.2	22.3
6 10	14 24.25	−14 59.7	2.725	3.557	10.7	22.5

297412 2000 SJ_1 5 5.2 184.°19 7.°2/14.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 18.29	−47 20.3	3.275	3.942	11.9	21.7
4 11	15 11.87	−47 43.1	3.180	3.942	10.6	21.6
4 21	15 3.55	−47 47.8	3.106	3.941	9.2	21.5
5 1	14 54.00	−47 32.0	3.055	3.940	7.9	21.4
5 11	14 44.10	−46 55.4	3.029	3.939	7.3	21.3
5 21	14 34.76	−45 59.9	3.030	3.937	7.4	21.3
5 31	14 26.77	−44 49.7	3.056	3.935	8.4	21.4
6 10	14 20.70	−43 30.6	3.108	3.932	9.7	21.5

510073 2010 JF_{88} 5 5.2 328.°12 20.°5/13.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 22.75	+14 53.0	1.070	1.917	21.3	21.1
4 11	15 19.19	+18 13.3	0.943	1.829	20.6	20.7
4 21	15 10.82	+21 48.6	0.835	1.739	21.0	20.3
5 1	14 57.15	+25 19.5	0.746	1.646	23.6	20.1
5 11	14 38.43	+28 19.7	0.674	1.550	28.4	19.8
5 21	14 15.90	+30 21.8	0.616	1.453	35.1	19.7
5 31	13 51.89	+31 4.9	0.569	1.353	43.0	19.6
6 10	13 28.79	+30 23.8	0.526	1.253	51.8	19.5

268994 2007 EE_{101} 5 5.2 336.°33 1.°1/ 4.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.11	−14 24.4	1.533	2.396	15.1	20.4
4 11	15 9.59	−14 16.2	1.457	2.389	11.3	20.1
4 21	15 2.54	−14 1.5	1.402	2.383	6.8	19.8
5 1	14 53.76	−13 43.0	1.372	2.378	2.1	19.5
5 11	14 44.41	−13 24.5	1.368	2.373	3.4	19.6
5 21	14 35.71	−13 10.2	1.390	2.368	8.2	19.9
5 31	14 28.76	−13 4.3	1.435	2.364	12.6	20.1
6 10	14 24.30	−13 9.4	1.500	2.360	16.5	20.3

320336 2007 TD_{129} 5 5.2 234.°68 0.°5/ 5.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.58	−18 58.0	2.239	3.075	12.0	21.8
4 11	15 8.51	−18 46.9	2.152	3.069	9.0	21.6
4 21	15 1.59	−18 27.4	2.088	3.063	5.6	21.4
5 1	14 53.44	−18 0.9	2.052	3.056	1.8	21.1
5 11	14 44.89	−17 30.2	2.044	3.049	2.2	21.1
5 21	14 36.80	−16 58.7	2.064	3.043	5.9	21.4
5 31	14 29.96	−16 30.4	2.111	3.035	9.4	21.6
6 10	14 24.94	−16 8.7	2.181	3.028	12.5	21.7

68843 2002 GJ_{127} 5 5.2 244.°75 0.°5/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.38	−17 41.2	1.810	2.655	14.0	20.0
4 11	15 11.07	−17 4.1	1.716	2.639	10.5	19.7
4 21	15 3.38	−16 15.5	1.644	2.622	6.4	19.5
5 1	14 54.03	−15 18.2	1.599	2.605	1.9	19.1
5 11	14 44.06	−14 16.9	1.582	2.587	3.0	19.2
5 21	14 34.60	−13 17.6	1.592	2.568	7.6	19.4
5 31	14 26.68	−12 26.4	1.628	2.549	12.0	19.6
6 10	14 21.06	−11 48.0	1.685	2.529	15.7	19.8

91287 Simon-Garfunkel 5 5.2 29.°61 5.°1/ 2.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.05	− 9 11.9	1.183	2.066	17.2	18.6
4 11	15 9.05	− 8 2.2	1.130	2.072	12.8	18.3
4 21	15 2.25	− 6 48.3	1.097	2.078	8.2	18.1
5 1	14 53.66	− 5 38.6	1.086	2.085	5.1	17.9
5 11	14 44.69	− 4 41.9	1.100	2.092	7.1	18.0
5 21	14 36.71	− 4 4.9	1.137	2.100	11.5	18.3
5 31	14 30.85	− 3 51.4	1.194	2.109	15.8	18.6
6 10	14 27.79	− 4 1.2	1.269	2.118	19.6	18.8

56387 2000 EA_{64} 5 5.2 269.°39 1.°4/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 18.26	−20 12.9	1.491	2.338	16.3	19.4
4 11	15 13.12	−20 15.9	1.397	2.319	12.5	19.1
4 21	15 4.98	−20 6.6	1.324	2.300	8.0	18.8
5 1	14 54.60	−19 45.2	1.276	2.280	3.0	18.4
5 11	14 43.24	−19 14.3	1.254	2.259	3.1	18.4
5 21	14 32.39	−18 38.8	1.257	2.239	8.4	18.6
5 31	14 23.42	−18 5.3	1.284	2.218	13.4	18.8
6 10	14 17.34	−17 40.1	1.331	2.197	17.8	19.1

389261 2009 FN_{62} 5 5.2 6.°71 4.°1/ 1.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.64	− 8 7.0	2.007	2.871	12.0	20.3
4 11	15 5.58	− 6 53.5	1.939	2.871	9.0	20.1
4 21	14 59.77	− 5 37.4	1.895	2.871	5.9	19.9
5 1	14 52.88	− 4 24.2	1.878	2.872	4.1	19.8
5 11	14 45.71	− 3 20.0	1.889	2.873	5.5	19.9
5 21	14 39.09	− 2 29.5	1.925	2.875	8.6	20.1
5 31	14 33.74	− 1 56.0	1.987	2.876	11.7	20.3
6 10	14 30.16	− 1 40.7	2.069	2.878	14.4	20.5

298614 2003 YD_{179} 5 5.2 286.°55 1.°7/ 7.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.80	−26 5.5	4.468	5.268	7.1	20.7
4 11	15 2.01	−26 1.1	4.374	5.263	5.5	20.6
4 21	14 57.35	−25 50.0	4.304	5.259	3.8	20.4
5 1	14 52.13	−25 32.7	4.263	5.255	2.2	20.3
5 11	14 46.74	−25 10.2	4.251	5.250	1.8	20.3
5 21	14 41.57	−24 44.2	4.269	5.246	3.2	20.4
5 31	14 36.99	−24 16.5	4.315	5.242	5.0	20.5
6 10	14 33.29	−23 49.4	4.387	5.237	6.6	20.6

259744 2003 YT_{166} 5 5.2 347.°12 6.°1/ 2.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 11.63	− 5 41.6	1.195	2.080	16.9	19.2
4 11	15 8.17	− 4 53.5	1.130	2.072	12.9	18.9
4 21	15 1.86	− 4 6.0	1.086	2.065	8.7	18.6
5 1	14 53.60	− 3 26.8	1.064	2.059	6.1	18.5
5 11	14 44.74	− 3 3.3	1.065	2.054	7.9	18.6
5 21	14 36.68	− 3 0.5	1.088	2.050	12.1	18.8
5 31	14 30.64	− 3 20.8	1.132	2.047	16.4	19.0
6 10	14 27.42	− 4 2.9	1.193	2.046	20.3	19.2

15722 1990 QV_2 5 5.2 279.°60 3.°7/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 10.49	− 8 11.5	2.154	3.012	11.5	17.6
4 11	15 6.19	− 7 8.9	2.072	3.002	8.6	17.4
4 21	15 0.17	− 6 3.2	2.015	2.991	5.6	17.2
5 1	14 53.02	− 4 59.6	1.985	2.980	3.7	17.0
5 11	14 45.53	− 4 3.1	1.984	2.970	5.1	17.1
5 21	14 38.47	− 3 18.3	2.009	2.959	8.2	17.2
5 31	14 32.60	− 2 48.6	2.058	2.948	11.3	17.4
6 10	14 28.44	− 2 35.3	2.129	2.938	14.1	17.6

696 Leonora 5 5.2 187.°18 4.°1/ 9.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.89	−34 12.3	3.202	3.962	10.5	15.6
4 11	15 8.36	−34 17.2	3.108	3.961	8.6	15.4
4 21	15 1.34	−34 8.9	3.037	3.960	6.6	15.3
5 1	14 53.36	−33 46.7	2.993	3.958	4.8	15.2
5 11	14 45.09	−33 11.5	2.977	3.956	4.2	15.1
5 21	14 37.22	−32 25.8	2.990	3.954	5.2	15.2
5 31	14 30.39	−31 33.3	3.031	3.950	7.1	15.3
6 10	14 25.07	−30 38.5	3.098	3.947	9.1	15.4

353580 2011 SD_{272} 5 5.2 220.°91 3.°8/ 8.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.17	−29 46.9	2.510	3.304	12.1	21.4
4 11	15 8.93	−29 53.3	2.416	3.298	9.7	21.2
4 21	15 1.85	−29 46.1	2.346	3.292	7.0	21.1
5 1	14 53.55	−29 24.6	2.302	3.286	4.6	20.9
5 11	14 44.84	−28 50.0	2.286	3.279	3.9	20.8
5 21	14 36.58	−28 5.5	2.298	3.273	5.7	20.9
5 31	14 29.55	−27 15.7	2.338	3.266	8.5	21.1
6 10	14 24.33	−26 25.7	2.401	3.258	11.2	21.3

212396 2006 JN_{19} 5 5.2 202.°77 2.°0/ 4.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 17.32	−12 58.5	1.672	2.526	14.5	20.9
4 11	15 11.74	−12 30.7	1.595	2.524	10.8	20.7
4 21	15 3.75	−11 56.9	1.541	2.521	6.6	20.4
5 1	14 54.15	−11 20.6	1.513	2.517	2.5	20.2
5 11	14 44.05	−10 46.5	1.513	2.514	3.9	20.3
5 21	14 34.62	−10 19.4	1.538	2.509	8.3	20.5
5 31	14 26.89	−10 3.2	1.589	2.505	12.5	20.7
6 10	14 21.55	−10 0.5	1.660	2.500	16.1	21.0

370199 2002 DG_2 5 5.2 194.°37 10.°2/14.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 30.25	−53 16.5	2.938	3.550	14.1	21.8
4 11	15 21.72	−54 28.5	2.844	3.547	12.9	21.7
4 21	15 10.09	−55 19.9	2.768	3.543	11.7	21.6
5 1	14 56.15	−55 45.1	2.714	3.538	10.8	21.5
5 11	14 41.25	−55 41.2	2.683	3.532	10.2	21.4
5 21	14 26.89	−55 8.6	2.676	3.526	10.3	21.4
5 31	14 14.51	−54 11.8	2.693	3.518	11.0	21.5
6 10	14 5.05	−52 58.4	2.732	3.510	12.1	21.5

68507 2001 US_{122} 5 5.2 108°.72 0°.0/ 5.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 11.82	−18 36.4	2.373	3.211	11.3	19.6
4 11	15 6.96	−18 0.6	2.302	3.221	8.4	19.4
4 21	15 0.52	−17 16.4	2.255	3.231	5.1	19.2
5 1	14 53.11	−16 26.4	2.236	3.241	1.5	19.0
5 11	14 45.50	−15 34.1	2.245	3.251	2.1	19.1
5 21	14 38.43	−14 43.8	2.284	3.260	5.6	19.3
5 31	14 32.54	−13 59.5	2.349	3.269	8.8	19.5
6 10	14 28.31	−13 24.1	2.437	3.279	11.5	19.7

235388 2003 WG_{96} 5 5.2 206°.75 0°.1/ 5.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.40	−17 10.2	2.298	3.135	11.7	21.2
4 11	15 9.05	−16 56.3	2.212	3.131	8.7	21.0
4 21	15 1.90	−16 35.4	2.151	3.127	5.3	20.8
5 1	14 53.57	−16 9.1	2.118	3.123	1.6	20.5
5 11	14 44.86	−15 40.3	2.113	3.118	2.2	20.5
5 21	14 36.62	−15 12.2	2.136	3.112	5.9	20.8
5 31	14 29.60	−14 48.6	2.187	3.107	9.4	21.0
6 10	14 24.37	−14 32.3	2.260	3.101	12.3	21.2

410763 2009 DK_{118} 5 5.3 22°.05 2°.4/ 3.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 12.94	−14 14.1	1.205	2.083	17.3	20.7
4 11	15 9.06	−13 27.2	1.147	2.087	12.8	20.5
4 21	15 2.32	−12 30.5	1.108	2.092	7.7	20.2
5 1	14 53.73	−11 30.0	1.093	2.098	2.9	19.9
5 11	14 44.71	−10 33.3	1.102	2.104	4.7	20.0
5 21	14 36.64	− 9 47.7	1.134	2.111	9.8	20.3
5 31	14 30.71	− 9 18.9	1.188	2.118	14.6	20.6
6 10	14 27.60	− 9 9.5	1.260	2.126	18.6	20.9

382732 2003 AF_{43} 5 5.3 82°.63 4°.4/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.75	−31 4.1	2.226	3.019	13.5	20.6
4 11	15 10.12	−31 14.4	2.160	3.038	10.8	20.5
4 21	15 2.54	−31 8.8	2.115	3.057	7.9	20.3
5 1	14 53.74	−30 46.7	2.096	3.076	5.3	20.2
5 11	14 44.70	−30 9.8	2.105	3.095	4.5	20.2
5 21	14 36.35	−29 22.3	2.141	3.114	6.2	20.3
5 31	14 29.51	−28 29.3	2.203	3.132	8.9	20.5
6 10	14 24.71	−27 36.8	2.290	3.150	11.5	20.7

29716 1999 AY_{7} 5 5.3 116°.36 5°.4/ 2.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 19.60	− 4 26.4	1.517	2.376	15.4	18.4
4 11	15 13.34	− 3 49.7	1.461	2.388	11.7	18.2
4 21	15 4.63	− 3 16.1	1.428	2.400	7.9	18.0
5 1	14 54.39	− 2 51.0	1.420	2.412	5.5	17.9
5 11	14 43.86	− 2 39.5	1.438	2.423	6.9	18.0
5 21	14 34.25	− 2 44.5	1.481	2.433	10.4	18.2
5 31	14 26.56	− 3 6.8	1.548	2.443	14.1	18.5
6 10	14 21.40	− 3 45.5	1.635	2.453	17.3	18.7

216317 2007 TK_{234} 5 5.3 55°.64 1°.6/ 4.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.72	−14 34.9	1.358	2.225	16.5	20.7
4 11	15 10.82	−14 5.8	1.300	2.234	12.2	20.4
4 21	15 3.26	−13 28.6	1.263	2.244	7.3	20.2
5 1	14 54.00	−12 47.4	1.249	2.254	2.4	19.9
5 11	14 44.38	−12 7.9	1.262	2.265	3.9	20.0
5 21	14 35.69	−11 35.8	1.299	2.276	8.8	20.4
5 31	14 29.04	−11 15.9	1.359	2.286	13.3	20.6
6 10	14 25.08	−11 10.8	1.438	2.297	17.1	20.9

28221 1998 YG_{17} 5 5.3 354°.53 0°.3/ 5.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 12.84	−18 46.1	2.039	2.882	12.7	19.1
4 11	15 8.08	−18 27.7	1.961	2.882	9.5	18.9
4 21	15 1.38	−18 0.1	1.906	2.882	5.8	18.7
5 1	14 53.43	−17 25.3	1.877	2.881	1.9	18.4
5 11	14 45.11	−16 46.7	1.876	2.881	2.3	18.4
5 21	14 37.35	−16 8.5	1.902	2.881	6.3	18.7
5 31	14 30.95	−15 35.0	1.955	2.881	9.9	18.9
6 10	14 26.49	−15 9.9	2.029	2.881	13.1	19.1

331772 2003 DO_{12} 5 5.3 99°.21 8°.0/28.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.22	+ 1 22.0	1.766	2.625	13.6	20.7
4 11	15 8.29	+ 3 7.9	1.720	2.638	10.8	20.6
4 21	15 1.43	+ 4 47.1	1.698	2.651	8.6	20.5
5 1	14 53.41	+ 6 11.3	1.701	2.663	8.1	20.4
5 11	14 45.22	+ 7 13.6	1.731	2.676	9.5	20.6
5 21	14 37.76	+ 7 50.3	1.784	2.688	12.0	20.7
5 31	14 31.82	+ 8 0.6	1.860	2.699	14.6	20.9
6 10	14 27.91	+ 7 46.8	1.953	2.711	16.9	21.1

367138 2006 TX_{47} 5 5.3 238°.33 0°.0/ 5.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.86	−17 44.5	1.878	2.720	13.7	21.9
4 11	15 11.36	−17 30.3	1.787	2.708	10.3	21.7
4 21	15 3.56	−17 7.0	1.719	2.696	6.3	21.4
5 1	14 54.15	−16 36.1	1.678	2.683	1.9	21.1
5 11	14 44.16	−16 1.1	1.664	2.669	2.6	21.1
5 21	14 34.66	−15 26.4	1.678	2.655	7.1	21.4
5 31	14 26.67	−14 56.7	1.717	2.641	11.2	21.6
6 10	14 20.92	−14 36.1	1.779	2.626	14.9	21.8

276012 2001 YS_{89} 5 5.3 196°.79 1°.4/ 6.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 16.54	−22 27.9	2.535	3.351	11.4	22.0
4 11	15 10.54	−22 18.5	2.444	3.347	8.7	21.9
4 21	15 2.79	−21 59.2	2.376	3.343	5.6	21.7
5 1	14 53.87	−21 30.7	2.337	3.338	2.4	21.4
5 11	14 44.58	−20 55.1	2.327	3.332	2.2	21.4
5 21	14 35.74	−20 15.7	2.347	3.325	5.4	21.6
5 31	14 28.09	−19 36.6	2.394	3.317	8.5	21.8
6 10	14 22.19	−19 1.9	2.467	3.309	11.4	22.0

463782 2014 SV_{227} 5 5.3 224°.56 1°.1/ 5.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.98	−20 59.7	1.610	2.453	15.5	22.0
4 11	15 11.75	−20 44.0	1.528	2.448	11.8	21.8
4 21	15 3.90	−20 14.7	1.468	2.443	7.5	21.5
5 1	14 54.27	−19 33.0	1.433	2.437	2.8	21.2
5 11	14 44.05	−18 43.2	1.425	2.431	2.8	21.2
5 21	14 34.50	−17 50.9	1.443	2.425	7.6	21.5
5 31	14 26.78	−17 2.7	1.486	2.418	12.1	21.7
6 10	14 21.63	−16 24.6	1.549	2.411	16.0	21.9

30777 1987 SB_{3} 5 5.3 261°.78 1°.0/ 5.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 19.24	−19 1.1	1.593	2.438	15.6	18.8
4 11	15 13.70	−19 8.2	1.498	2.419	11.9	18.5
4 21	15 5.30	−19 5.4	1.425	2.401	7.5	18.2
5 1	14 54.76	−18 52.7	1.377	2.381	2.7	17.9
5 11	14 43.30	−18 32.6	1.356	2.361	2.9	17.8
5 21	14 32.31	−18 9.1	1.360	2.341	8.0	18.1
5 31	14 23.09	−17 47.6	1.390	2.320	12.9	18.3
6 10	14 16.61	−17 33.5	1.440	2.299	17.1	18.5

497398 2005 VC_{118} 5 5.3 197°.37 8°.7/27.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.65	+12 51.0	2.589	3.396	11.4	22.5
4 11	15 10.40	+13 52.4	2.526	3.393	9.9	22.4
4 21	15 2.59	+14 41.8	2.488	3.388	8.9	22.3
5 1	14 53.79	+15 13.8	2.476	3.382	8.8	22.3
5 11	14 44.74	+15 24.7	2.491	3.376	9.6	22.4
5 21	14 36.18	+15 13.3	2.530	3.368	11.1	22.4
5 31	14 28.77	+14 40.2	2.591	3.360	12.9	22.6
6 10	14 22.97	+13 47.9	2.672	3.352	14.5	22.7

127523 2002 VN_{47} 5 5.3 93°.50 5°.2/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 12.88	− 2 17.0	2.111	2.965	11.9	19.6
4 11	15 7.88	− 1 33.3	2.047	2.969	9.1	19.4
4 21	15 1.15	− 0 53.0	2.007	2.973	6.5	19.3
5 1	14 53.36	− 0 20.8	1.995	2.978	5.2	19.2
5 11	14 45.32	− 0 0.9	2.009	2.982	6.3	19.3
5 21	14 37.83	+ 0 4.3	2.049	2.986	8.9	19.4
5 31	14 31.61	− 0 6.4	2.114	2.990	11.7	19.6
6 10	14 27.16	− 0 32.4	2.200	2.994	14.2	19.8

233814 2008 UF_{170} 5 5.3 124°.44 2°.4/ 7.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.07	−24 42.5	2.041	2.863	13.5	20.3
4 11	15 9.78	−24 38.1	1.964	2.869	10.4	20.1
4 21	15 2.44	−24 20.6	1.911	2.875	6.9	19.9
5 1	14 53.77	−23 50.4	1.883	2.881	3.5	19.7
5 11	14 44.76	−23 10.3	1.884	2.887	2.9	19.7
5 21	14 36.37	−22 24.5	1.912	2.892	6.1	19.9
5 31	14 29.47	−21 38.3	1.966	2.897	9.6	20.1
6 10	14 24.65	−20 56.8	2.043	2.902	12.7	20.3

201431 2003 BZ_{34} 5 5.3 244°.04 2°.8/ 6.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 17.89	−24 44.0	1.533	2.368	16.6	20.3
4 11	15 12.73	−24 36.3	1.445	2.357	12.9	20.0
4 21	15 4.67	−24 10.9	1.378	2.346	8.6	19.7
5 1	14 54.54	−23 27.6	1.335	2.334	4.2	19.4
5 11	14 43.66	−22 29.7	1.318	2.322	3.5	19.4
5 21	14 33.44	−21 23.4	1.326	2.309	7.9	19.6
5 31	14 25.18	−20 17.2	1.360	2.296	12.6	19.8
6 10	14 19.75	−19 19.0	1.414	2.283	16.8	20.0

385020 2012 TV_{277} 5 5.3 48°.92 2°.9/ 7.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.58	−25 10.9	2.000	2.823	13.7	20.9
4 11	15 9.53	−25 18.3	1.921	2.825	10.6	20.7
4 21	15 2.35	−25 12.7	1.864	2.827	7.2	20.5
5 1	14 53.77	−24 53.9	1.833	2.829	3.9	20.3
5 11	14 44.77	−24 24.1	1.829	2.831	3.2	20.3
5 21	14 36.36	−23 47.0	1.852	2.833	6.3	20.5
5 31	14 29.44	−23 7.8	1.902	2.835	9.8	20.7
6 10	14 24.65	−22 31.6	1.974	2.837	13.0	20.9

29924 1999 JN_{28} 5 5.3 213°.38 0°.1/ 5.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 11.77	−19 33.1	2.567	3.399	10.8	18.8
4 11	15 6.95	−18 55.9	2.478	3.393	8.1	18.6
4 21	15 0.58	−18 9.6	2.413	3.388	4.9	18.4
5 1	14 53.21	−17 16.4	2.377	3.382	1.5	18.1
5 11	14 45.54	−16 19.6	2.370	3.375	2.0	18.1
5 21	14 38.31	−15 23.4	2.392	3.369	5.4	18.4
5 31	14 32.15	−14 31.8	2.442	3.362	8.5	18.6
6 10	14 27.55	−13 48.5	2.515	3.355	11.3	18.7

383889 2008 SF_1 5 5.3 227°.15 3°.9/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 13.93	− 5 32.0	2.518	3.364	10.5	21.6
4 11	15 8.55	− 4 41.8	2.429	3.350	7.9	21.4
4 21	15 1.56	− 3 51.2	2.366	3.336	5.4	21.2
5 1	14 53.52	− 3 4.0	2.331	3.321	3.9	21.1
5 11	14 45.12	− 2 24.6	2.326	3.305	5.1	21.2
5 21	14 37.08	− 1 56.2	2.348	3.289	7.7	21.3
5 31	14 30.09	− 1 41.1	2.396	3.272	10.5	21.4
6 10	14 24.67	− 1 40.3	2.467	3.254	13.0	21.6

254246 2004 RH_{153} 5 5.3 310°.31 3°.2/ 2.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.19	−11 31.1	2.003	2.865	12.1	19.7
4 11	15 5.51	−10 15.7	1.906	2.839	9.0	19.5
4 21	14 59.94	− 8 52.2	1.834	2.814	5.7	19.2
5 1	14 53.07	− 7 25.9	1.789	2.788	3.2	19.0
5 11	14 45.71	− 6 3.3	1.771	2.763	4.9	19.1
5 21	14 38.73	− 4 50.8	1.780	2.738	8.5	19.2
5 31	14 32.96	− 3 53.8	1.814	2.714	12.1	19.4
6 10	14 29.03	− 3 15.3	1.869	2.690	15.3	19.6

317756 2003 SL_{72} 5 5.3 216°.48 0°.7/ 5.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 17.24	−20 15.0	1.891	2.726	13.9	21.6
4 11	15 11.61	−19 52.9	1.802	2.719	10.5	21.3
4 21	15 3.69	−19 19.0	1.737	2.711	6.6	21.1
5 1	14 54.21	−18 34.7	1.698	2.702	2.3	20.8
5 11	14 44.21	−17 44.0	1.687	2.692	2.5	20.8
5 21	14 34.77	−16 51.9	1.703	2.682	6.9	21.0
5 31	14 26.88	−16 4.0	1.746	2.671	11.0	21.2
6 10	14 21.25	−15 25.5	1.811	2.660	14.6	21.4

299936 2006 TU_{38} 5 5.3 173°.95 0°.3/ 4.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 12.12	−16 54.0	2.819	3.652	9.9	22.7
4 11	15 7.04	−16 29.9	2.737	3.654	7.3	22.5
4 21	15 0.56	−15 59.9	2.681	3.656	4.4	22.3
5 1	14 53.21	−15 25.7	2.653	3.658	1.3	22.1
5 11	14 45.62	−14 50.2	2.655	3.659	1.9	22.2
5 21	14 38.43	−14 16.1	2.686	3.660	5.0	22.4
5 31	14 32.23	−13 46.5	2.745	3.660	7.9	22.6
6 10	14 27.45	−13 23.8	2.828	3.660	10.4	22.7

251833 1999 TE_{212} 5 5.3 246°.34 0°.3/ 5.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.27	−19 38.9	1.830	2.670	14.1	21.3
4 11	15 11.04	−19 10.8	1.735	2.655	10.6	21.1
4 21	15 3.43	−18 30.3	1.664	2.639	6.6	20.8
5 1	14 54.17	−17 39.4	1.618	2.623	2.1	20.5
5 11	14 44.29	−16 42.2	1.600	2.606	2.6	20.5
5 21	14 34.91	−15 44.3	1.610	2.589	7.2	20.7
5 31	14 27.08	−14 51.9	1.645	2.571	11.5	20.9
6 10	14 21.54	−14 10.2	1.702	2.552	15.3	21.1

156748 2002 XQ_{86} 5 5.3 154°.35 0°.1/ 5.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 20.18	−17 22.9	1.488	2.337	16.2	20.2
4 11	15 14.19	−17 21.1	1.417	2.342	12.2	19.9
4 21	15 5.41	−17 9.9	1.369	2.346	7.5	19.7
5 1	14 54.76	−16 50.7	1.345	2.350	2.3	19.4
5 11	14 43.58	−16 27.1	1.348	2.353	3.0	19.4
5 21	14 33.23	−16 3.8	1.376	2.356	8.1	19.7
5 31	14 24.91	−15 45.8	1.429	2.359	12.7	20.0
6 10	14 19.36	−15 37.3	1.503	2.361	16.6	20.2

34091 2000 PQ_{10} 5 5.3 236°.39 4°.4/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 12.43	− 2 47.4	2.514	3.362	10.4	19.1
4 11	15 7.42	− 2 8.4	2.434	3.353	8.0	18.9
4 21	15 0.87	− 1 31.6	2.378	3.344	5.7	18.8
5 1	14 53.33	− 1 0.9	2.350	3.334	4.4	18.7
5 11	14 45.48	− 0 39.9	2.350	3.324	5.5	18.7
5 21	14 38.01	− 0 31.0	2.378	3.313	7.9	18.8
5 31	14 31.58	− 0 35.8	2.431	3.303	10.5	19.0
6 10	14 26.68	− 0 54.3	2.506	3.292	12.8	19.1

156274 2001 VY_{71} 5 5.3 74°.89 0°.1/ 5.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.69	−20 29.7	1.694	2.539	14.8	19.2
4 11	15 9.51	−19 22.4	1.639	2.561	10.9	19.0
4 21	15 2.21	−18 1.6	1.606	2.583	6.6	18.8
5 1	14 53.70	−16 31.8	1.600	2.605	2.0	18.5
5 11	14 45.08	−15 0.3	1.622	2.627	2.7	18.6
5 21	14 37.36	−13 34.5	1.671	2.649	7.1	19.0
5 31	14 31.37	−12 20.8	1.746	2.670	11.1	19.2
6 10	14 27.59	−11 23.5	1.842	2.691	14.4	19.5

95223 2002 CU_{22} 5 5.3 308°.21 1°.8/ 6.4 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.43	−22 1.2	1.732	2.573	14.7	19.7
4 11	15 9.74	−21 59.4	1.649	2.567	11.3	19.4
4 21	15 2.66	−21 45.0	1.589	2.560	7.3	19.2
5 1	14 53.94	−21 18.7	1.553	2.554	3.1	18.9
5 11	14 44.67	−20 43.3	1.543	2.548	2.8	18.9
5 21	14 35.99	−20 3.4	1.560	2.543	7.0	19.1
5 31	14 28.94	−19 24.8	1.602	2.537	11.1	19.3
6 10	14 24.26	−18 52.9	1.665	2.532	14.8	19.6

156428 2002 AD_{102} 5 5.3 267°.38 9°.7/28.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 15.71	+ 8 23.0	1.830	2.670	14.0	20.0
4 11	15 10.33	+ 9 23.9	1.765	2.662	11.8	19.9
4 21	15 2.83	+10 12.4	1.722	2.653	10.1	19.8
5 1	14 53.95	+10 41.2	1.703	2.645	9.7	19.7
5 11	14 44.68	+10 45.3	1.709	2.636	10.8	19.7
5 21	14 36.02	+10 22.6	1.738	2.627	13.0	19.9
5 31	14 28.85	+ 9 34.2	1.789	2.618	15.5	20.0
6 10	14 23.80	+ 8 23.4	1.859	2.609	17.9	20.2

374056 2004 PP_{84} 5 5.3 260°.45 0°.6/ 5.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.59	−18 57.8	2.148	2.981	12.5	21.2
4 11	15 11.06	−18 51.4	2.043	2.958	9.5	20.9
4 21	15 3.38	−18 36.3	1.961	2.934	6.0	20.7
5 1	14 54.17	−18 13.2	1.906	2.910	2.0	20.4
5 11	14 44.32	−17 44.7	1.880	2.885	2.3	20.3
5 21	14 34.78	−17 14.2	1.882	2.860	6.4	20.5
5 31	14 26.52	−16 46.0	1.910	2.834	10.3	20.7
6 10	14 20.26	−16 24.3	1.962	2.807	13.8	20.9

415962 2001 XL_{139} 5 5.3 86°.28 6°.1/ 2.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 18.00	− 0 46.8	1.750	2.603	14.0	20.6
4 11	15 11.88	− 0 18.7	1.697	2.617	10.8	20.4
4 21	15 3.66	+ 0 2.8	1.667	2.631	7.7	20.3
5 1	14 54.17	+ 0 13.0	1.662	2.645	6.1	20.2
5 11	14 44.47	+ 0 8.3	1.684	2.659	7.2	20.3
5 21	14 35.57	− 0 13.0	1.732	2.672	10.0	20.5
5 31	14 28.32	− 0 50.6	1.804	2.686	13.1	20.7
6 10	14 23.27	− 1 42.7	1.897	2.699	15.8	20.9

474776 2005 QQ_{123} 5 5.3 215°.90 0°.0/ 5.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 12.06	−18 1.7	2.798	3.629	10.0	22.8
4 11	15 7.08	−17 41.7	2.707	3.622	7.5	22.6
4 21	15 0.65	−17 15.0	2.641	3.615	4.6	22.4
5 1	14 53.27	−16 43.2	2.603	3.608	1.4	22.2
5 11	14 45.60	−16 8.8	2.594	3.600	1.8	22.2
5 21	14 38.28	−15 34.7	2.615	3.591	5.0	22.4
5 31	14 31.94	−15 4.1	2.664	3.582	8.0	22.6
6 10	14 27.03	−14 39.8	2.737	3.573	10.5	22.7

437426 2013 XO_{20} 5 5.3 73°.14 4°.0/ 7.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.54	−27 36.6	1.909	2.723	14.6	21.0
4 11	15 11.11	−27 58.5	1.837	2.732	11.5	20.8
4 21	15 3.38	−28 5.5	1.786	2.741	8.1	20.6
5 1	14 54.14	−27 56.6	1.760	2.749	5.0	20.4
5 11	14 44.48	−27 33.4	1.761	2.758	4.2	20.4
5 21	14 35.51	−26 59.4	1.789	2.767	6.7	20.6
5 31	14 28.19	−26 20.3	1.843	2.776	10.1	20.8
6 10	14 23.18	−25 42.0	1.919	2.785	13.2	21.0

225806 2001 VC_{82} 5 5.3 251°.50 5°.2/ 9.5 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.82	−33 10.5	1.953	2.744	15.1	20.5
4 11	15 10.77	−33 3.5	1.857	2.733	12.4	20.3
4 21	15 3.29	−32 35.6	1.783	2.722	9.3	20.0
5 1	14 54.15	−31 45.1	1.732	2.711	6.4	19.8
5 11	14 44.45	−30 34.0	1.709	2.699	5.3	19.8
5 21	14 35.38	−29 7.6	1.712	2.687	7.2	19.8
5 31	14 27.97	−27 33.8	1.741	2.675	10.5	20.0
6 10	14 22.96	−26 1.5	1.794	2.663	13.8	20.2

59838 1999 RU_{45} 5 5.3 168°.66 1°.3/ 4.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.32	−15 18.0	2.049	2.897	12.4	19.5
4 11	15 8.38	−14 34.3	1.974	2.899	9.2	19.3
4 21	15 1.57	−13 43.0	1.922	2.901	5.5	19.1
5 1	14 53.57	−12 47.7	1.897	2.902	1.9	18.8
5 11	14 45.26	−11 52.9	1.901	2.903	3.1	18.9
5 21	14 37.53	−11 3.4	1.933	2.904	6.9	19.2
5 31	14 31.14	−10 23.5	1.990	2.905	10.4	19.4
6 10	14 26.64	− 9 56.1	2.069	2.905	13.5	19.6

408417 2013 GA_{135} 5 5.3 144°.65 3°.3/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.14	−12 43.2	1.529	2.392	15.1	21.0
4 11	15 10.19	−11 26.4	1.463	2.397	11.2	20.7
4 21	15 2.84	−10 1.0	1.420	2.401	6.9	20.5
5 1	14 53.97	− 8 33.8	1.403	2.405	3.4	20.3
5 11	14 44.76	− 7 12.8	1.412	2.408	5.2	20.4
5 21	14 36.35	− 6 5.4	1.448	2.412	9.5	20.6
5 31	14 29.73	− 5 17.0	1.506	2.415	13.6	20.9
6 10	14 25.53	− 4 49.9	1.585	2.417	17.1	21.1

133072 2003 HC_{39} 5 5.3 313°.51 0°.9/ 5.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 17.76	−16 59.9	1.243	2.108	17.8	19.5
4 11	15 13.23	−17 30.0	1.160	2.092	13.6	19.2
4 21	15 5.33	−17 53.2	1.098	2.077	8.5	18.9
5 1	14 54.90	−18 9.1	1.058	2.062	2.9	18.5
5 11	14 43.36	−18 19.1	1.042	2.048	3.4	18.5
5 21	14 32.40	−18 26.2	1.050	2.034	9.2	18.8
5 31	14 23.62	−18 35.0	1.080	2.021	14.7	19.0
6 10	14 18.11	−18 50.1	1.129	2.009	19.4	19.3

373568 2001 XX_{106} 5 5.3 87°.98 2°.3/ 3.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 16.89	−11 30.1	1.763	2.617	13.9	21.2
4 11	15 11.11	−11 7.9	1.706	2.634	10.2	21.0
4 21	15 3.22	−10 42.3	1.672	2.651	6.2	20.8
5 1	14 54.06	−10 16.8	1.665	2.668	2.6	20.6
5 11	14 44.67	− 9 55.2	1.685	2.684	3.9	20.7
5 21	14 36.06	− 9 41.1	1.731	2.700	7.7	21.0
5 31	14 29.10	− 9 37.3	1.803	2.717	11.4	21.3
6 10	14 24.34	− 9 45.0	1.896	2.732	14.5	21.5

135134 2001 QE_{179} 5 5.3 223°.84 4°.9/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 12.33	− 1 50.8	2.433	3.282	10.7	19.3
4 11	15 7.37	− 1 3.8	2.357	3.276	8.3	19.1
4 21	15 0.86	− 0 19.6	2.306	3.269	6.0	19.0
5 1	14 53.35	+ 0 17.6	2.283	3.263	4.9	18.9
5 11	14 45.55	+ 0 43.8	2.287	3.255	6.0	18.9
5 21	14 38.17	+ 0 56.3	2.318	3.248	8.3	19.1
5 31	14 31.85	+ 0 53.7	2.374	3.241	10.9	19.2
6 10	14 27.11	+ 0 36.2	2.452	3.233	13.2	19.4

269951 2000 SZ_{103} 5 5.3 226°.96 0°.1/ 5.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.33	−18 45.5	2.368	3.199	11.6	22.0
4 11	15 9.81	−18 22.4	2.271	3.186	8.7	21.8
4 21	15 2.46	−17 50.4	2.199	3.173	5.4	21.6
5 1	14 53.87	−17 11.3	2.155	3.159	1.7	21.3
5 11	14 44.84	−16 28.1	2.139	3.145	2.1	21.3
5 21	14 36.22	−15 44.6	2.153	3.129	5.9	21.5
5 31	14 28.78	−15 5.1	2.194	3.113	9.4	21.7
6 10	14 23.13	−14 33.2	2.259	3.097	12.4	21.9

522851 2016 NH_{86} 5 5.3 296°.98 8°.0/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 11.10	+ 6 5.2	2.164	3.010	12.0	21.2
4 11	15 6.61	+ 7 19.1	2.103	3.006	9.9	21.0
4 21	15 0.44	+ 8 24.3	2.065	3.002	8.4	20.9
5 1	14 53.23	+ 9 14.7	2.053	2.998	8.1	20.9
5 11	14 45.74	+ 9 45.3	2.067	2.994	9.2	21.0
5 21	14 38.74	+ 9 53.6	2.104	2.990	11.2	21.1
5 31	14 32.94	+ 9 39.4	2.164	2.986	13.4	21.2
6 10	14 28.84	+ 9 4.5	2.243	2.983	15.4	21.4

519041 2010 KH_{27} 5 5.3 206°.41 7°.7/24.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.96	+11 32.7	2.971	3.791	9.8	21.5
4 11	15 5.38	+13 4.6	2.914	3.786	8.5	21.4
4 21	14 59.56	+14 27.2	2.881	3.780	7.8	21.3
5 1	14 52.94	+15 35.5	2.875	3.775	7.9	21.3
5 11	14 46.11	+16 25.4	2.896	3.768	8.8	21.4
5 21	14 39.63	+16 54.8	2.940	3.762	10.2	21.5
5 31	14 34.02	+17 3.4	3.006	3.755	11.7	21.6
6 10	14 29.69	+16 52.6	3.091	3.748	13.1	21.7

454752 2014 VU_{9} 5 5.3 243°.36 3°.5/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.38	+ 3 0.0	4.670	5.503	6.2	20.7
4 11	15 2.35	+ 3 19.1	4.596	5.499	5.0	20.6
4 21	14 57.56	+ 3 34.3	4.548	5.494	3.9	20.5
5 1	14 52.32	+ 3 43.8	4.529	5.490	3.5	20.5
5 11	14 46.95	+ 3 46.2	4.539	5.486	4.0	20.5
5 21	14 41.79	+ 3 40.5	4.577	5.481	5.2	20.6
5 31	14 37.14	+ 3 26.2	4.641	5.477	6.5	20.7
6 10	14 33.27	+ 3 3.7	4.729	5.472	7.8	20.8

266330 2007 DH_{24} 5 5.3 309°.48 0°.8/ 5.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.98	−20 3.3	1.631	2.481	15.0	20.6
4 11	15 9.51	−19 49.7	1.549	2.473	11.4	20.3
4 21	15 2.58	−19 23.9	1.489	2.466	7.1	20.0
5 1	14 53.95	−18 47.5	1.454	2.458	2.5	19.7
5 11	14 44.75	−18 4.3	1.445	2.451	2.7	19.7
5 21	14 36.17	−17 19.6	1.462	2.444	7.4	20.0
5 31	14 29.28	−16 39.6	1.503	2.437	11.8	20.2
6 10	14 24.82	−16 9.2	1.565	2.431	15.6	20.5

385180 2013 WH_{53} 5 5.3 67°.56 5°.2/ 9.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.17	−32 54.3	1.866	2.663	15.5	20.3
4 11	15 10.15	−32 51.8	1.794	2.674	12.6	20.2
4 21	15 2.79	−32 28.6	1.744	2.685	9.4	20.0
5 1	14 53.96	−31 43.9	1.717	2.696	6.4	19.8
5 11	14 44.81	−30 40.5	1.717	2.708	5.3	19.8
5 21	14 36.47	−29 24.1	1.743	2.719	7.1	19.9
5 31	14 29.89	−28 2.3	1.795	2.731	10.1	20.1
6 10	14 25.69	−26 43.0	1.870	2.742	13.2	20.3

82846 2001 QW_{50} 5 5.3 255°.21 1°.5/ 4.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 12.67	−13 35.6	2.251	3.098	11.5	19.8
4 11	15 7.86	−13 6.4	2.162	3.087	8.5	19.6
4 21	15 1.28	−12 31.8	2.098	3.076	5.2	19.4
5 1	14 53.51	−11 54.6	2.061	3.065	1.9	19.1
5 11	14 45.35	−11 18.4	2.052	3.053	3.0	19.2
5 21	14 37.60	−10 46.9	2.072	3.042	6.6	19.4
5 31	14 31.03	−10 23.5	2.117	3.030	10.0	19.6
6 10	14 26.20	−10 10.7	2.185	3.018	13.0	19.8

236719 2007 GP_{19} 5 5.3 320°.74 0°.4/ 5.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 12.91	−19 53.3	1.170	2.041	18.3	20.7
4 11	15 9.54	−19 24.8	1.094	2.029	13.9	20.4
4 21	15 2.98	−18 38.9	1.037	2.018	8.6	20.1
5 1	14 54.14	−17 38.1	1.002	2.007	2.8	19.7
5 11	14 44.49	−16 29.2	0.991	1.997	3.4	19.7
5 21	14 35.63	−15 20.9	1.003	1.988	9.4	20.0
5 31	14 28.99	−14 22.7	1.036	1.979	14.9	20.3
6 10	14 25.49	−13 41.6	1.087	1.971	19.7	20.5

89116 2001 TC_{222} 5 5.3 287°.14 2°.4/ 6.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.56	−23 10.4	1.679	2.516	15.2	20.1
4 11	15 10.84	−23 16.0	1.586	2.500	11.8	19.8
4 21	15 3.51	−23 8.1	1.515	2.484	7.8	19.5
5 1	14 54.29	−22 46.3	1.468	2.468	3.7	19.2
5 11	14 44.31	−22 12.8	1.448	2.452	3.2	19.2
5 21	14 34.84	−21 32.2	1.454	2.436	7.4	19.4
5 31	14 27.06	−20 50.5	1.484	2.420	11.8	19.6
6 10	14 21.80	−20 14.3	1.536	2.405	15.7	19.8

408409 2013 GS_{123} 5 5.3 115°.45 1°.0/ 4.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.79	−16 20.9	1.441	2.300	16.1	21.4
4 11	15 11.65	−15 47.5	1.375	2.305	12.0	21.1
4 21	15 3.85	−15 3.6	1.330	2.310	7.2	20.9
5 1	14 54.33	−14 13.2	1.310	2.315	2.2	20.6
5 11	14 44.37	−13 21.8	1.316	2.320	3.5	20.7
5 21	14 35.27	−12 35.9	1.347	2.325	8.5	21.0
5 31	14 28.14	−12 1.3	1.402	2.329	13.0	21.2
6 10	14 23.67	−11 41.5	1.477	2.333	16.9	21.5

271671 2004 RO_{63} 5 5.3 194°.08 4°.6/ 1.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.17	− 5 26.6	2.178	3.031	11.6	21.2
4 11	15 8.13	− 4 16.6	2.105	3.029	8.8	21.0
4 21	15 1.38	− 3 6.0	2.057	3.027	6.0	20.8
5 1	14 53.54	− 2 0.2	2.037	3.025	4.6	20.7
5 11	14 45.40	− 1 4.6	2.045	3.022	5.9	20.8
5 21	14 37.77	− 0 23.3	2.080	3.018	8.7	21.0
5 31	14 31.37	+ 0 1.1	2.140	3.014	11.6	21.2
6 10	14 26.71	+ 0 7.9	2.221	3.010	14.2	21.3

359866 2011 VC_{18} 5 5.3 327°.75 1°.2/ 4.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.90	−14 31.8	1.310	2.177	16.9	20.8
4 11	15 12.12	−14 24.8	1.238	2.173	12.7	20.5
4 21	15 4.36	−14 10.4	1.187	2.169	7.7	20.2
5 1	14 54.54	−13 51.4	1.160	2.165	2.4	19.9
5 11	14 44.04	−13 32.1	1.157	2.162	3.7	19.9
5 21	14 34.33	−13 17.4	1.179	2.159	9.1	20.2
5 31	14 26.70	−13 12.0	1.223	2.156	14.1	20.5
6 10	14 22.01	−13 19.2	1.287	2.153	18.3	20.8

2458 Veniakaverin 5 5.3 288°.09 1°.0/ 4.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 11.66	−14 51.3	2.244	3.091	11.5	16.8
4 11	15 7.16	−14 26.3	2.152	3.077	8.6	16.6
4 21	15 0.89	−13 55.2	2.085	3.063	5.2	16.4
5 1	14 53.42	−13 20.4	2.044	3.049	1.7	16.1
5 11	14 45.53	−12 45.3	2.032	3.035	2.7	16.1
5 21	14 38.04	−12 13.7	2.048	3.021	6.4	16.3
5 31	14 31.70	−11 49.1	2.089	3.007	9.9	16.5
6 10	14 27.09	−11 34.2	2.154	2.994	12.9	16.7

40564 1999 RZ_{123} 5 5.3 19°.05 6°.3/10.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 12.41	−34 2.1	1.479	2.292	18.2	17.1
4 11	15 8.68	−33 56.9	1.410	2.297	14.9	16.9
4 21	15 2.16	−33 25.2	1.360	2.304	11.2	16.7
5 1	14 53.83	−32 25.9	1.331	2.311	7.7	16.5
5 11	14 45.07	−31 2.6	1.327	2.318	6.3	16.4
5 21	14 37.26	−29 23.0	1.347	2.327	8.2	16.6
5 31	14 31.53	−27 37.9	1.392	2.336	11.7	16.8
6 10	14 28.56	−25 57.7	1.458	2.346	15.3	17.0

39707 1996 TN_{35} 5 5.3 62°.35 2°.7/ 3.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.45	−11 48.5	1.415	2.281	15.9	18.9
4 11	15 11.38	−11 19.6	1.352	2.286	11.8	18.7
4 21	15 3.69	−10 45.7	1.311	2.292	7.2	18.4
5 1	14 54.29	−10 11.3	1.294	2.298	3.1	18.2
5 11	14 44.47	− 9 41.7	1.303	2.303	4.6	18.3
5 21	14 35.50	− 9 21.8	1.337	2.309	9.2	18.6
5 31	14 28.47	− 9 15.3	1.394	2.315	13.5	18.8
6 10	14 24.08	− 9 23.9	1.471	2.321	17.3	19.1

152588 1995 EY_{4} 5 5.3 250°.38 0°.0/ 5.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.62	−17 49.6	1.833	2.678	13.8	20.6
4 11	15 10.50	−17 36.8	1.747	2.670	10.4	20.4
4 21	15 3.10	−17 14.9	1.684	2.661	6.4	20.1
5 1	14 54.13	−16 45.6	1.647	2.652	2.0	19.8
5 11	14 44.62	−16 12.4	1.637	2.643	2.6	19.9
5 21	14 35.65	−15 39.5	1.655	2.633	7.1	20.1
5 31	14 28.20	−15 11.7	1.697	2.624	11.2	20.3
6 10	14 22.98	−14 53.0	1.762	2.614	14.8	20.5

457614 2009 BA_{81} 5 5.3 10.°50 3.°3/ 6.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 13.57	−21 0.6	0.969	1.848	20.5	19.7
4 11	15 10.43	−21 46.6	0.913	1.850	15.7	19.4
4 21	15 3.67	−22 18.4	0.875	1.854	10.3	19.1
5 1	14 54.38	−22 34.4	0.858	1.860	4.9	18.8
5 11	14 44.33	−22 35.9	0.861	1.867	4.4	18.8
5 21	14 35.38	−22 27.8	0.887	1.876	9.6	19.1
5 31	14 29.11	−22 17.1	0.932	1.886	14.9	19.5
6 10	14 26.41	−22 10.8	0.995	1.898	19.4	19.8

111431 2001 XN_{208} 5 5.3 59.°97 4.°7/ 1.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 12.74	− 3 18.0	2.167	3.021	11.6	19.8
4 11	15 7.79	− 2 42.5	2.102	3.025	8.9	19.6
4 21	15 1.16	− 2 9.9	2.061	3.029	6.2	19.5
5 1	14 53.48	− 1 44.2	2.047	3.034	4.7	19.4
5 11	14 45.54	− 1 29.3	2.060	3.038	5.8	19.4
5 21	14 38.14	− 1 27.5	2.100	3.043	8.4	19.6
5 31	14 31.97	− 1 39.9	2.165	3.048	11.2	19.8
6 10	14 27.53	− 2 6.2	2.252	3.052	13.7	20.0

333983 2000 SW_{13} 5 5.3 276.°04 0.°8/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.89	−21 50.5	1.969	2.802	13.5	20.5
4 11	15 10.02	−21 9.4	1.858	2.773	10.3	20.2
4 21	15 2.88	−20 13.0	1.771	2.744	6.6	19.9
5 1	14 54.10	−19 2.8	1.710	2.713	2.3	19.6
5 11	14 44.63	−17 43.2	1.677	2.683	2.5	19.5
5 21	14 35.54	−16 20.4	1.672	2.651	7.0	19.7
5 31	14 27.82	−15 1.6	1.693	2.619	11.2	19.9
6 10	14 22.25	−13 53.4	1.737	2.587	15.1	20.1

179523 2002 CX_{166} 5 5.3 44.°45 0.°0/ 5.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.12	−17 8.0	2.043	2.889	12.6	20.2
4 11	15 8.23	−17 2.1	1.977	2.900	9.4	20.0
4 21	15 1.49	−16 49.2	1.935	2.912	5.7	19.8
5 1	14 53.59	−16 31.2	1.918	2.923	1.7	19.6
5 11	14 45.42	−16 10.8	1.930	2.935	2.3	19.6
5 21	14 37.84	−15 51.3	1.969	2.948	6.1	19.9
5 31	14 31.64	−15 36.1	2.034	2.960	9.6	20.1
6 10	14 27.34	−15 28.1	2.121	2.973	12.6	20.3

62451 2000 SN_{208} 5 5.3 359.°16 3.°6/ 7.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.68	−24 13.6	1.412	2.259	17.1	18.9
4 11	15 10.46	−24 41.7	1.339	2.256	13.3	18.7
4 21	15 3.37	−24 54.9	1.287	2.255	9.0	18.4
5 1	14 54.26	−24 52.1	1.257	2.254	4.9	18.2
5 11	14 44.48	−24 34.7	1.252	2.254	4.2	18.1
5 21	14 35.45	−24 7.2	1.271	2.255	8.0	18.4
5 31	14 28.44	−23 36.1	1.314	2.257	12.4	18.6
6 10	14 24.29	−23 8.3	1.377	2.259	16.3	18.8

498797 2008 UB_{212} 5 5.3 172.°56 1.°7/ 3.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.45	−11 59.8	2.496	3.338	10.7	22.2
4 11	15 8.91	−11 32.5	2.419	3.341	7.9	22.0
4 21	15 1.80	−11 1.8	2.367	3.344	4.8	21.8
5 1	14 53.68	−10 30.2	2.343	3.346	2.0	21.6
5 11	14 45.31	−10 1.0	2.349	3.348	3.1	21.7
5 21	14 37.39	− 9 37.1	2.383	3.349	6.2	21.9
5 31	14 30.60	− 9 21.0	2.445	3.349	9.2	22.1
6 10	14 25.42	− 9 14.7	2.529	3.349	11.8	22.3

195198 2002 CH_{291} 5 5.3 301.°86 3.°4/ 3.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 12.77	−10 10.3	1.685	2.549	13.9	19.7
4 11	15 8.48	− 9 26.5	1.602	2.535	10.4	19.4
4 21	15 1.92	− 8 38.1	1.542	2.521	6.5	19.1
5 1	14 53.79	− 7 49.9	1.507	2.508	3.5	18.9
5 11	14 45.12	− 7 7.7	1.499	2.494	5.1	19.0
5 21	14 36.97	− 6 36.6	1.516	2.481	9.0	19.2
5 31	14 30.34	− 6 20.5	1.557	2.468	13.0	19.4
6 10	14 25.93	− 6 21.3	1.618	2.455	16.6	19.6

164701 Horanyi 5 5.3 44.°83 1.°2/ 4.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.72	−15 35.6	1.205	2.077	17.7	19.2
4 11	15 11.11	−15 10.3	1.154	2.091	13.1	19.0
4 21	15 3.60	−14 35.3	1.122	2.105	7.9	18.7
5 1	14 54.27	−13 54.8	1.114	2.119	2.4	18.4
5 11	14 44.61	−13 14.9	1.130	2.134	3.8	18.6
5 21	14 36.03	−12 42.0	1.170	2.150	9.1	18.9
5 31	14 29.70	−12 21.2	1.232	2.166	13.8	19.2
6 10	14 26.25	−12 15.5	1.313	2.183	17.8	19.5

48656 1995 VN_{18} 5 5.3 10.°62 0.°9/ 5.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.96	−21 33.8	1.472	2.324	16.2	19.3
4 11	15 9.63	−21 1.1	1.400	2.325	12.3	19.1
4 21	15 2.68	−20 12.2	1.349	2.325	7.7	18.8
5 1	14 54.02	−19 9.9	1.322	2.326	2.8	18.5
5 11	14 44.88	−17 59.9	1.321	2.327	2.8	18.5
5 21	14 36.54	−16 49.6	1.345	2.329	7.8	18.8
5 31	14 30.09	−15 46.7	1.394	2.330	12.4	19.1
6 10	14 26.25	−14 57.2	1.463	2.332	16.3	19.3

136699 1995 SD_{71} 5 5.3 66.°23 4.°5/ 8.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 19.05	−28 19.1	2.136	2.936	13.7	19.1
4 11	15 12.81	−29 7.4	2.067	2.952	10.9	18.9
4 21	15 4.38	−29 42.7	2.021	2.968	7.9	18.7
5 1	14 54.51	−30 3.0	2.002	2.984	5.3	18.6
5 11	14 44.23	−30 8.2	2.010	3.000	4.6	18.6
5 21	14 34.58	−30 0.7	2.046	3.017	6.6	18.8
5 31	14 26.49	−29 44.8	2.108	3.033	9.4	19.0
6 10	14 20.61	−29 25.8	2.193	3.049	12.1	19.2

29166 1989 VP_1 5 5.3 95.°94 4.°2/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.68	− 9 36.8	1.736	2.598	13.7	18.7
4 11	15 8.76	− 8 9.4	1.680	2.612	10.1	18.5
4 21	15 1.83	− 6 37.9	1.648	2.625	6.5	18.3
5 1	14 53.69	− 5 9.4	1.642	2.638	4.2	18.2
5 11	14 45.36	− 3 51.2	1.663	2.651	5.8	18.3
5 21	14 37.79	− 2 49.1	1.711	2.663	9.3	18.5
5 31	14 31.79	− 2 6.9	1.784	2.676	12.7	18.7
6 10	14 27.87	− 1 45.5	1.876	2.688	15.6	19.0

37157 2000 VD_{61} 5 5.3 73.°20 0.°8/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.37	−19 28.8	2.275	3.110	11.9	19.2
4 11	15 8.30	−19 25.7	2.202	3.118	8.9	19.0
4 21	15 1.51	−19 14.5	2.154	3.127	5.5	18.8
5 1	14 53.61	−18 56.6	2.132	3.136	2.0	18.6
5 11	14 45.43	−18 34.3	2.139	3.145	2.1	18.6
5 21	14 37.78	−18 10.7	2.174	3.154	5.6	18.8
5 31	14 31.38	−17 49.2	2.235	3.162	8.9	19.0
6 10	14 26.76	−17 33.2	2.320	3.171	11.7	19.2

284666 2008 GP_{42} 5 5.3 252.°00 1.°4/ 3.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.34	− 9 54.4	4.452	5.294	6.4	20.3
4 11	15 1.67	− 9 34.9	4.368	5.291	4.7	20.1
4 21	14 57.22	− 9 14.4	4.311	5.287	2.9	20.0
5 1	14 52.27	− 8 54.5	4.283	5.284	1.5	19.9
5 11	14 47.18	− 8 36.7	4.285	5.280	2.1	19.9
5 21	14 42.30	− 8 22.5	4.317	5.277	3.9	20.0
5 31	14 37.95	− 8 13.1	4.376	5.273	5.6	20.2
6 10	14 34.40	− 8 9.4	4.460	5.269	7.2	20.3

195219 2002 DN_{13} 5 5.3 334.°96 2.°2/ 6.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 12.82	−21 42.6	1.459	2.313	16.2	20.0
4 11	15 9.04	−21 52.7	1.377	2.301	12.5	19.7
4 21	15 2.52	−21 49.6	1.315	2.289	8.1	19.5
5 1	14 54.03	−21 33.5	1.276	2.278	3.6	19.2
5 11	14 44.81	−21 7.0	1.263	2.268	3.2	19.1
5 21	14 36.20	−20 34.8	1.274	2.259	7.8	19.4
5 31	14 29.42	−20 3.1	1.308	2.251	12.5	19.6
6 10	14 25.35	−19 38.0	1.363	2.243	16.6	19.8

25958 Battams 5 5.3 306.°58 0.°4/ 5.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.97	−19 2.0	1.430	2.289	16.2	18.0
4 11	15 9.93	−18 46.9	1.344	2.274	12.3	17.7
4 21	15 3.09	−18 18.9	1.279	2.258	7.7	17.4
5 1	14 54.22	−17 39.8	1.238	2.243	2.5	17.0
5 11	14 44.58	−16 54.0	1.222	2.228	3.0	17.0
5 21	14 35.53	−16 7.6	1.231	2.214	8.4	17.3
5 31	14 28.34	−15 27.6	1.262	2.200	13.3	17.5
6 10	14 23.89	−14 59.7	1.314	2.186	17.6	17.7

303840 2005 ST_{168} 5 5.3 166.°54 0.°3/ 5.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 11.18	−17 45.1	2.729	3.563	10.1	22.0
4 11	15 6.42	−17 9.0	2.648	3.566	7.5	21.8
4 21	15 0.26	−16 25.8	2.593	3.569	4.5	21.6
5 1	14 53.23	−15 37.8	2.566	3.571	1.3	21.4
5 11	14 45.98	−14 48.1	2.569	3.573	2.0	21.4
5 21	14 39.15	−14 0.3	2.600	3.575	5.1	21.7
5 31	14 33.33	−13 17.9	2.659	3.576	8.0	21.9
6 10	14 28.95	−12 43.6	2.743	3.578	10.6	22.0

145697 3394 $T\text{-}_3$ 5 5.3 253.°72 0.°9/ 4.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.51	−16 10.3	1.787	2.635	14.0	20.7
4 11	15 11.30	−15 41.6	1.693	2.618	10.5	20.4
4 21	15 3.69	−15 3.4	1.622	2.601	6.4	20.1
5 1	14 54.38	−14 18.5	1.578	2.583	2.0	19.8
5 11	14 44.42	−13 31.3	1.560	2.564	3.1	19.8
5 21	14 34.93	−12 47.0	1.570	2.545	7.8	20.1
5 31	14 26.97	−12 10.9	1.604	2.525	12.1	20.3
6 10	14 21.31	−11 47.2	1.660	2.505	15.9	20.5

446800 1999 TC_{192} 5 5.3 189.°52 10.°8/ 8.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 33.33	−33 49.9	1.329	2.121	20.9	20.8
4 11	15 25.78	−36 1.0	1.253	2.121	17.7	20.5
4 21	15 13.60	−37 54.9	1.196	2.120	14.3	20.3
5 1	14 57.67	−39 19.8	1.162	2.119	11.5	20.2
5 11	14 39.94	−40 7.2	1.151	2.117	10.9	20.1
5 21	14 22.88	−40 16.3	1.165	2.114	12.8	20.2
5 31	14 8.85	−39 55.3	1.201	2.112	16.1	20.4
6 10	13 59.32	−39 17.9	1.256	2.108	19.6	20.6

294080 2007 TT_{187} 5 5.3 9°.25 12°.4/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 11.67	− 2 13.6	0.975	1.870	18.9	19.8
4 11	15 8.51	+ 1 42.2	0.930	1.870	15.1	19.5
4 21	15 2.23	+ 5 39.6	0.907	1.870	12.7	19.4
5 1	14 53.92	+ 9 14.5	0.908	1.871	13.1	19.4
5 11	14 45.18	+12 5.7	0.931	1.872	16.0	19.6
5 21	14 37.54	+14 1.7	0.974	1.874	19.8	19.8
5 31	14 32.23	+15 1.1	1.033	1.875	23.4	20.0
6 10	14 29.94	+15 10.5	1.104	1.877	26.4	20.3

508612 2017 SP_{33} 5 5.3 174°.07 0°.0/ 5.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.56	−19 53.4	2.240	3.073	12.1	22.2
4 11	15 9.21	−19 7.0	2.160	3.075	9.1	22.0
4 21	15 2.08	−18 9.8	2.103	3.078	5.5	21.8
5 1	14 53.82	−17 4.5	2.075	3.079	1.7	21.5
5 11	14 45.28	−15 55.4	2.075	3.080	2.2	21.6
5 21	14 37.30	−14 47.8	2.104	3.081	6.0	21.8
5 31	14 30.63	−13 46.7	2.161	3.081	9.5	22.0
6 10	14 25.79	−12 56.1	2.241	3.080	12.5	22.2

500892 2013 LO_{6} 5 5.3 273°.44 3°.5/ 2.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.62	−10 52.9	1.688	2.547	14.1	22.3
4 11	15 10.79	− 9 55.6	1.590	2.521	10.7	22.0
4 21	15 3.48	− 8 50.7	1.515	2.494	6.7	21.7
5 1	14 54.36	− 7 43.4	1.466	2.467	3.6	21.4
5 11	14 44.47	− 6 40.4	1.444	2.439	5.4	21.5
5 21	14 34.98	− 5 48.2	1.449	2.411	9.7	21.6
5 31	14 27.01	− 5 12.5	1.477	2.382	14.0	21.8
6 10	14 21.39	− 4 56.1	1.524	2.352	17.8	22.0

165459 2000 YC_{131} 5 5.3 113°.51 0°.0/ 5.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 18.60	−17 32.0	1.663	2.509	15.0	20.7
4 11	15 12.65	−17 15.2	1.600	2.523	11.2	20.5
4 21	15 4.33	−16 49.0	1.560	2.537	6.8	20.3
5 1	14 54.52	−16 15.8	1.545	2.550	2.0	20.0
5 11	14 44.41	−15 39.7	1.558	2.563	2.8	20.1
5 21	14 35.13	−15 5.4	1.597	2.576	7.3	20.4
5 31	14 27.67	−14 37.9	1.662	2.588	11.4	20.7
6 10	14 22.63	−14 20.8	1.748	2.599	14.9	20.9

434465 2005 QW_{55} 5 5.3 238°.04 4°.8/30.0 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 10.63	− 1 40.1	2.777	3.624	9.6	22.0
4 11	15 6.03	− 0 33.5	2.694	3.610	7.4	21.9
4 21	15 0.06	+ 0 31.6	2.636	3.596	5.5	21.7
5 1	14 53.21	+ 1 30.8	2.607	3.582	4.8	21.7
5 11	14 46.07	+ 2 19.8	2.607	3.567	5.9	21.7
5 21	14 39.26	+ 2 55.5	2.634	3.552	8.0	21.8
5 31	14 33.35	+ 3 16.0	2.686	3.537	10.3	21.9
6 10	14 28.79	+ 3 20.8	2.760	3.521	12.4	22.1

215517 2002 UZ_{74} 5 5.3 301°.66 0°.6/ 4.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.34	−14 47.4	4.242	5.079	6.8	20.7
4 11	15 1.73	−14 24.8	4.158	5.078	5.0	20.5
4 21	14 57.29	−13 59.1	4.100	5.077	3.0	20.4
5 1	14 52.33	−13 31.8	4.071	5.076	1.0	20.2
5 11	14 47.23	−13 4.6	4.072	5.075	1.5	20.3
5 21	14 42.36	−12 39.3	4.103	5.074	3.6	20.4
5 31	14 38.05	−12 17.6	4.161	5.073	5.5	20.6
6 10	14 34.60	−12 0.8	4.245	5.072	7.3	20.7

179572 2002 FY_{11} 5 5.3 1°.64 9°.9/26.7 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 12.25	+13 15.4	2.179	3.003	12.7	19.5
4 11	15 7.45	+14 20.2	2.128	3.002	11.1	19.4
4 21	15 0.98	+15 10.4	2.099	3.002	10.1	19.3
5 1	14 53.48	+15 40.0	2.094	3.002	10.0	19.3
5 11	14 45.76	+15 45.3	2.114	3.003	10.9	19.4
5 21	14 38.59	+15 25.0	2.156	3.003	12.5	19.5
5 31	14 32.67	+14 40.4	2.219	3.004	14.3	19.6
6 10	14 28.48	+13 35.0	2.299	3.005	16.0	19.8

435831 2008 WL_{75} 5 5.3 192°.07 2°.9/ 3.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.53	− 9 2.7	2.034	2.888	12.3	21.0
4 11	15 9.32	− 8 36.6	1.960	2.887	9.2	20.8
4 21	15 2.22	− 8 8.9	1.910	2.887	5.8	20.6
5 1	14 53.89	− 7 43.2	1.886	2.886	3.1	20.4
5 11	14 45.20	− 7 23.1	1.891	2.885	4.3	20.5
5 21	14 37.06	− 7 11.8	1.922	2.884	7.6	20.7
5 31	14 30.25	− 7 11.6	1.979	2.883	11.0	20.9
6 10	14 25.34	− 7 23.6	2.058	2.882	14.0	21.1

460609 2014 UX_{63} 5 5.3 236°.03 0°.4/ 5.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.94	−19 35.0	1.647	2.492	15.1	22.1
4 11	15 11.76	−19 11.6	1.561	2.483	11.5	21.8
4 21	15 4.02	−18 35.5	1.498	2.474	7.1	21.6
5 1	14 54.50	−17 48.5	1.460	2.465	2.3	21.2
5 11	14 44.37	−16 55.2	1.449	2.455	2.8	21.2
5 21	14 34.85	−16 1.4	1.464	2.444	7.6	21.5
5 31	14 27.07	−15 13.6	1.504	2.433	12.2	21.7
6 10	14 21.80	−14 37.2	1.565	2.422	16.1	22.0

139221 2001 HL_{1} 5 5.3 350°.74 0°.2/ 5.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 13.39	−17 9.2	1.200	2.073	17.7	19.5
4 11	15 9.79	−17 15.4	1.130	2.067	13.4	19.2
4 21	15 3.11	−17 11.6	1.080	2.061	8.3	18.9
5 1	14 54.26	−16 59.5	1.052	2.057	2.6	18.6
5 11	14 44.67	−16 42.8	1.047	2.054	3.3	18.6
5 21	14 35.88	−16 26.5	1.066	2.051	9.0	18.9
5 31	14 29.24	−16 16.3	1.106	2.050	14.1	19.2
6 10	14 25.64	−16 16.7	1.165	2.050	18.5	19.4

159719 2003 AW_{65} 5 5.3 82°.81 6°.7/ 2.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 19.31	+ 0 24.9	1.662	2.515	14.7	19.5
4 11	15 12.94	+ 0 53.1	1.613	2.531	11.4	19.4
4 21	15 4.39	+ 1 13.2	1.586	2.548	8.3	19.2
5 1	14 54.52	+ 1 20.1	1.585	2.564	6.7	19.1
5 11	14 44.46	+ 1 10.3	1.609	2.581	7.8	19.2
5 21	14 35.28	+ 0 42.5	1.660	2.597	10.6	19.4
5 31	14 27.87	− 0 2.5	1.734	2.613	13.6	19.7
6 10	14 22.77	− 1 2.3	1.828	2.629	16.4	19.9

363091 2000 SF_{102} 5 5.3 282°.72 0°.0/ 5.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 17.67	−18 41.8	1.595	2.443	15.4	21.8
4 11	15 12.75	−18 18.8	1.485	2.409	11.8	21.5
4 21	15 4.94	−17 42.4	1.397	2.374	7.4	21.1
5 1	14 54.88	−16 54.2	1.334	2.339	2.3	20.7
5 11	14 43.73	−15 57.9	1.297	2.303	3.1	20.7
5 21	14 32.84	−14 59.9	1.287	2.266	8.6	20.9
5 31	14 23.58	−14 7.6	1.300	2.229	13.8	21.1
6 10	14 17.00	−13 27.7	1.334	2.191	18.4	21.3

377844 2006 BR_{169} 5 5.3 182°.54 2°.3/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 4.41	− 4 45.9	4.651	5.496	6.1	21.4
4 11	15 0.96	− 4 12.8	4.576	5.496	4.5	21.3
4 21	14 56.79	− 3 40.4	4.528	5.496	3.1	21.2
5 1	14 52.19	− 3 10.6	4.508	5.496	2.3	21.1
5 11	14 47.46	− 2 45.3	4.519	5.495	3.0	21.2
5 21	14 42.94	− 2 25.8	4.558	5.495	4.4	21.3
5 31	14 38.91	− 2 13.2	4.624	5.495	5.9	21.4
6 10	14 35.63	− 2 8.2	4.714	5.495	7.3	21.5

130204 2000 AZ_{176} 5 5.3 155°.65 0°.5/ 4.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.45	−17 31.5	2.347	3.184	11.4	20.3
4 11	15 8.29	−16 46.4	2.271	3.190	8.5	20.1
4 21	15 1.47	−15 53.0	2.220	3.196	5.1	19.9
5 1	14 53.64	−14 54.1	2.196	3.202	1.5	19.6
5 11	14 45.58	−13 53.9	2.202	3.206	2.4	19.7
5 21	14 38.04	−12 57.0	2.237	3.211	5.9	19.9
5 31	14 31.72	−12 7.4	2.299	3.215	9.2	20.2
6 10	14 27.10	−11 28.5	2.384	3.219	12.0	20.3

515685 2014 PL_{2} 5 5.3 204°.45 1°.0/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.93	−12 37.6	3.961	4.797	7.2	22.8
4 11	15 3.68	−12 14.5	3.873	4.793	5.3	22.7
4 21	14 58.50	−11 49.0	3.811	4.788	3.2	22.5
5 1	14 52.72	−11 22.7	3.779	4.783	1.3	22.4
5 11	14 46.78	−10 57.4	3.778	4.777	1.9	22.4
5 21	14 41.07	−10 35.0	3.806	4.771	4.1	22.6
5 31	14 35.99	−10 17.1	3.862	4.766	6.1	22.7
6 10	14 31.85	−10 5.2	3.943	4.759	8.0	22.8

176647 2002 NN_{25} 5 5.3 300°.48 4°.3/ 7.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.92	−27 16.9	1.464	2.299	17.2	20.0
4 11	15 11.02	−27 23.8	1.361	2.270	13.8	19.7
4 21	15 4.03	−27 11.2	1.278	2.241	9.7	19.4
5 1	14 54.64	−26 36.7	1.217	2.212	5.7	19.1
5 11	14 44.13	−25 41.6	1.181	2.183	4.7	19.0
5 21	14 34.01	−24 31.2	1.170	2.154	8.6	19.1
5 31	14 25.80	−23 14.7	1.181	2.125	13.5	19.3
6 10	14 20.58	−22 2.2	1.213	2.097	18.1	19.5

434849 2006 SG_{152} 5 5.3 236°.92 0°.0/ 5.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 12.51	−18 24.2	2.414	3.250	11.2	22.4
4 11	15 7.69	−17 59.0	2.324	3.242	8.4	22.2
4 21	15 1.20	−17 25.7	2.258	3.234	5.1	21.9
5 1	14 53.60	−16 46.0	2.220	3.225	1.6	21.7
5 11	14 45.64	−16 3.1	2.211	3.216	2.1	21.7
5 21	14 38.09	−15 20.8	2.230	3.207	5.7	21.9
5 31	14 31.66	−14 43.0	2.275	3.197	9.0	22.1
6 10	14 26.90	−14 13.0	2.345	3.188	11.9	22.3

433500 2013 WF_{41} 5 5.3 120°.08 1°.0/ 4.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.46	−14 27.2	2.026	2.872	12.7	21.4
4 11	15 10.02	−14 13.6	1.955	2.879	9.4	21.2
4 21	15 2.64	−13 54.7	1.908	2.886	5.7	21.0
5 1	14 54.03	−13 32.8	1.888	2.893	1.8	20.7
5 11	14 45.10	−13 11.0	1.896	2.899	2.8	20.8
5 21	14 36.76	−12 52.7	1.931	2.905	6.6	21.0
5 31	14 29.83	−12 41.0	1.992	2.911	10.2	21.3
6 10	14 24.87	−12 38.3	2.076	2.917	13.3	21.5

437174 2012 VK_{66} 5 5.3 232°.35 0°.2/ 5.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 14.04	−18 13.5	2.206	3.044	12.1	22.0
4 11	15 8.98	−18 1.0	2.120	3.038	9.1	21.8
4 21	15 2.05	−17 40.5	2.057	3.032	5.6	21.5
5 1	14 53.87	−17 13.5	2.022	3.026	1.8	21.3
5 11	14 45.29	−16 43.0	2.015	3.020	2.2	21.3
5 21	14 37.17	−16 12.5	2.036	3.014	6.0	21.5
5 31	14 30.30	−15 45.8	2.083	3.007	9.5	21.7
6 10	14 25.28	−15 26.2	2.154	3.001	12.6	21.9

292561 2006 TT_{70} 5 5.3 200°.54 3°.3/ 2.1 18

4 1	15 11.17	− 7 56.1	2.529	3.379	10.3	20.8
4 11	15 6.51	− 6 59.6	2.451	3.377	7.7	20.6
4 21	15 0.38	− 6 1.3	2.400	3.374	5.0	20.5
5 1	14 53.33	− 5 5.1	2.376	3.371	3.3	20.3
5 11	14 46.02	− 4 15.4	2.382	3.367	4.5	20.4
5 21	14 39.13	− 3 35.7	2.415	3.364	7.1	20.6
5 31	14 33.26	− 3 8.5	2.474	3.360	9.8	20.7
6 10	14 28.88	− 2 55.1	2.556	3.355	12.3	20.9

276675 2003 WX_{190} 5 5.3 266°.59 2°.5/ 6.9 17

4 1	15 16.93	−24 41.4	1.694	2.524	15.4	21.1
4 11	15 11.97	−24 27.0	1.593	2.503	12.1	20.8
4 21	15 4.30	−23 55.5	1.514	2.481	8.1	20.5
5 1	14 54.66	−23 6.8	1.459	2.458	3.9	20.2
5 11	14 44.19	−22 3.9	1.431	2.435	3.2	20.1
5 21	14 34.21	−20 52.6	1.429	2.412	7.5	20.3
5 31	14 25.92	−19 41.1	1.453	2.388	12.1	20.5
6 10	14 20.22	−18 37.1	1.498	2.364	16.2	20.7

300032 2006 UA_{109} 5 5.3 292°.61 1°.9/ 3.7 16

4 1	15 11.19	−14 2.2	2.076	2.929	12.1	20.6
4 11	15 7.02	−13 9.1	1.978	2.907	9.0	20.4
4 21	15 0.95	−12 7.7	1.905	2.884	5.5	20.1
5 1	14 53.56	−11 1.8	1.858	2.862	2.2	19.9
5 11	14 45.68	− 9 56.7	1.839	2.839	3.6	19.9
5 21	14 38.18	− 8 57.6	1.848	2.816	7.4	20.1
5 31	14 31.89	− 8 9.5	1.882	2.794	11.1	20.3
6 10	14 27.44	− 7 35.8	1.938	2.771	14.4	20.5

88512 2001 QM_{154} 5 5.3 231°.96 4°.4/ 2.5 17

4 1	15 18.79	− 6 50.7	1.811	2.663	13.7	20.2
4 11	15 12.86	− 6 5.5	1.724	2.649	10.4	20.0
4 21	15 4.60	− 5 18.9	1.661	2.634	6.9	19.7
5 1	14 54.70	− 4 35.7	1.624	2.618	4.5	19.5
5 11	14 44.20	− 4 1.4	1.614	2.602	5.9	19.6
5 21	14 34.19	− 3 40.5	1.632	2.584	9.6	19.8
5 31	14 25.71	− 3 35.9	1.674	2.566	13.3	19.9
6 10	14 19.49	− 3 48.7	1.737	2.547	16.7	20.1

387861 2004 RJ_{24} 5 5.3 163°.44 13°.9/23.8 18

4 1	15 16.96	+ 8 47.0	1.298	2.155	17.6	20.7
4 11	15 11.85	+11 46.7	1.258	2.160	15.3	20.5
4 21	15 4.02	+14 30.9	1.241	2.163	14.0	20.4
5 1	14 54.48	+16 43.9	1.246	2.167	14.4	20.5
5 11	14 44.59	+18 14.6	1.274	2.169	16.2	20.6
5 21	14 35.67	+18 58.9	1.321	2.171	18.7	20.7
5 31	14 28.81	+18 58.8	1.385	2.172	21.2	20.9
6 10	14 24.68	+18 21.0	1.461	2.173	23.4	21.1

164119 2003 XF_{40} 5 5.3 220°.29 1°.4/ 4.2 17

4 1	15 13.62	−13 56.4	2.272	3.117	11.5	21.4
4 11	15 8.56	−13 25.8	2.187	3.111	8.5	21.1
4 21	15 1.75	−12 49.8	2.126	3.104	5.2	20.9
5 1	14 53.78	−12 10.8	2.093	3.097	1.9	20.7
5 11	14 45.45	−11 32.7	2.089	3.090	2.9	20.8
5 21	14 37.56	−10 59.2	2.112	3.083	6.5	21.0
5 31	14 30.86	−10 33.6	2.162	3.075	9.8	21.2
6 10	14 25.91	−10 18.4	2.235	3.067	12.8	21.3

365650 2010 VT_{20} 5 5.3 282°.07 5°.0/ 2.4 17

4 1	15 16.51	− 6 42.2	1.585	2.448	14.7	21.1
4 11	15 11.61	− 5 56.3	1.491	2.422	11.2	20.8
4 21	15 4.08	− 5 8.1	1.420	2.395	7.5	20.5
5 1	14 54.60	− 4 23.6	1.373	2.368	5.0	20.3
5 11	14 44.28	− 3 49.0	1.352	2.340	6.7	20.3
5 21	14 34.35	− 3 29.9	1.356	2.313	10.7	20.5
5 31	14 26.02	− 3 29.9	1.384	2.285	15.0	20.6
6 10	14 20.17	− 3 50.3	1.430	2.257	18.9	20.8

133425 2003 SE_{194} 5 5.3 295°.94 4°.7/ 7.5 18

4 1	15 18.90	−26 39.5	1.836	2.652	15.0	19.2
4 11	15 13.50	−27 31.8	1.733	2.629	12.1	18.9
4 21	15 5.32	−28 13.0	1.652	2.606	8.7	18.7
5 1	14 55.02	−28 39.7	1.595	2.583	5.6	18.4
5 11	14 43.68	−28 50.6	1.565	2.560	5.0	18.3
5 21	14 32.62	−28 47.1	1.562	2.537	7.8	18.4
5 31	14 23.12	−28 33.4	1.584	2.514	11.6	18.6
6 10	14 16.19	−28 15.9	1.627	2.491	15.2	18.8

236159 2005 UR_{355} 5 5.3 330°.60 2°.6/ 4.1 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 15.15	−12 33.8	1.157	2.036	17.8	20.8
4 11	15 11.15	−12 9.0	1.088	2.029	13.4	20.5
4 21	15 3.97	−11 37.3	1.038	2.022	8.2	20.2
5 1	14 54.57	−11 3.3	1.011	2.015	3.2	19.9
5 11	14 44.40	−10 33.2	1.007	2.009	5.0	19.9
5 21	14 35.06	−10 13.3	1.026	2.004	10.4	20.2
5 31	14 27.93	−10 8.4	1.066	1.999	15.6	20.5
6 10	14 23.92	−10 21.1	1.124	1.995	20.0	20.8

135165 2001 QT_{249} 5 5.3 199°.52 3°.1/ 2.9 18

4 1	15 13.90	− 7 22.8	2.344	3.193	11.1	20.1
4 11	15 8.65	− 6 57.5	2.267	3.191	8.3	19.9
4 21	15 1.74	− 6 32.1	2.215	3.189	5.3	19.7
5 1	14 53.77	− 6 9.6	2.190	3.187	3.2	19.5
5 11	14 45.49	− 5 53.4	2.194	3.184	4.3	19.6
5 21	14 37.66	− 5 45.9	2.226	3.182	7.2	19.8
5 31	14 30.97	− 5 49.1	2.283	3.179	10.1	20.0
6 10	14 25.95	− 6 3.6	2.364	3.176	12.8	20.1

371085 2005 UA_{397} 5 5.3 112°.37 6°.5/30.1 18

4 1	15 15.39	+ 0 50.6	2.083	2.930	12.3	21.6
4 11	15 9.67	+ 2 1.0	2.037	2.950	9.6	21.4
4 21	15 2.27	+ 3 5.4	2.015	2.970	7.4	21.3
5 1	14 53.89	+ 3 57.8	2.020	2.988	6.5	21.3
5 11	14 45.39	+ 4 33.7	2.053	3.007	7.7	21.4
5 21	14 37.58	+ 4 50.4	2.111	3.024	9.9	21.6
5 31	14 31.13	+ 4 47.6	2.194	3.042	12.3	21.8
6 10	14 26.51	+ 4 26.6	2.296	3.058	14.5	21.9

7981 1978 VL_{10} 5 5.3 178°.78 0°.8/ 4.7 18

4 1	15 13.36	−15 36.4	2.355	3.196	11.3	18.7
4 11	15 8.27	−15 8.4	2.276	3.197	8.4	18.5
4 21	15 1.52	−14 34.2	2.221	3.198	5.0	18.3
5 1	14 53.70	−13 56.1	2.193	3.198	1.6	18.0
5 11	14 45.58	−13 17.5	2.195	3.198	2.5	18.1
5 21	14 37.94	−12 42.1	2.225	3.198	6.0	18.3
5 31	14 31.47	−12 13.2	2.282	3.198	9.2	18.5
6 10	14 26.69	−11 53.5	2.362	3.197	12.1	18.7

225967 2002 CS_{113} 5 5.3 200°.32 5°.0/ 1.3 17

4 1	15 14.96	− 2 44.6	2.227	3.075	11.6	21.3
4 11	15 9.49	− 1 53.9	2.153	3.072	8.9	21.1
4 21	15 2.27	− 1 5.3	2.103	3.068	6.3	20.9
5 1	14 53.94	− 0 23.7	2.081	3.063	5.0	20.8
5 11	14 45.28	+ 0 6.5	2.086	3.058	6.2	20.9
5 21	14 37.11	+ 0 22.3	2.119	3.053	8.8	21.1
5 31	14 30.16	+ 0 21.9	2.176	3.046	11.6	21.2
6 10	14 24.96	+ 0 5.6	2.255	3.040	14.1	21.4

112217 2002 JJ_{142} 5 5.3 340°.96 6°.8/ 2.2 18

4 1	15 13.94	− 1 31.2	1.367	2.240	15.9	18.5
4 11	15 9.78	− 1 8.3	1.295	2.227	12.4	18.2
4 21	15 2.94	− 0 52.4	1.243	2.215	8.9	18.0
5 1	14 54.23	− 0 49.7	1.215	2.204	6.9	17.9
5 11	14 44.86	− 1 5.2	1.211	2.194	8.2	17.9
5 21	14 36.15	− 1 41.5	1.230	2.185	11.8	18.1
5 31	14 29.26	− 2 38.3	1.271	2.177	15.7	18.3
6 10	14 25.01	− 3 53.2	1.330	2.170	19.3	18.5

409156 2003 UW_{156} 5 5.3 202°.99 2°.6/ 3.5 16

4 1	15 17.68	−10 42.0	2.009	2.856	12.7	22.2
4 11	15 11.76	−10 7.9	1.927	2.851	9.5	22.0
4 21	15 3.78	− 9 30.2	1.869	2.846	5.9	21.8
5 1	14 54.42	− 8 52.2	1.839	2.840	2.8	21.6
5 11	14 44.64	− 8 18.4	1.836	2.833	4.1	21.7
5 21	14 35.39	− 7 52.6	1.862	2.825	7.8	21.9
5 31	14 27.54	− 7 38.1	1.914	2.817	11.4	22.1
6 10	14 21.73	− 7 36.7	1.987	2.808	14.5	22.3

105162 2000 OZ_{8} 5 5.3 201°.90 5°.3/29.2 18

4 1	15 10.65	+ 1 21.5	2.926	3.768	9.3	20.0
4 11	15 5.94	+ 2 30.4	2.855	3.764	7.4	19.9
4 21	14 59.98	+ 3 35.6	2.809	3.759	5.8	19.8
5 1	14 53.22	+ 4 32.8	2.792	3.753	5.3	19.7
5 11	14 46.24	+ 5 18.2	2.803	3.748	6.3	19.8
5 21	14 39.61	+ 5 49.0	2.841	3.741	8.1	19.9
5 31	14 33.86	+ 6 4.0	2.903	3.735	10.1	20.0
6 10	14 29.39	+ 6 3.3	2.987	3.728	12.0	20.2

297739 2001 XR_{10} 5 5.3 231°.74 0°.2/ 5.2 18

4 1	15 13.12	−17 9.6	2.492	3.328	10.9	21.7
4 11	15 8.11	−16 51.8	2.401	3.319	8.1	21.5
4 21	15 1.46	−16 27.3	2.335	3.310	5.0	21.3
5 1	14 53.71	−15 57.7	2.296	3.301	1.5	21.0
5 11	14 45.60	−15 25.9	2.287	3.292	2.1	21.0
5 21	14 37.87	−14 54.9	2.306	3.282	5.6	21.2
5 31	14 31.23	−14 28.3	2.352	3.272	8.8	21.4
6 10	14 26.21	−14 8.7	2.422	3.262	11.7	21.6

224476 2005 VT_{74} 5 5.3 148°.67 1°.4/ 4.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 15.97	−13 45.9	2.150	2.993	12.1	21.9
4 11	15 10.28	−13 18.2	2.079	3.001	9.0	21.7
4 21	15 2.75	−12 45.3	2.032	3.009	5.4	21.5
5 1	14 54.09	−12 10.0	2.013	3.017	1.9	21.2
5 11	14 45.15	−11 36.0	2.022	3.024	3.0	21.3
5 21	14 36.79	−11 7.0	2.060	3.030	6.6	21.6
5 31	14 29.78	−10 46.1	2.124	3.036	10.0	21.8
6 10	14 24.65	−10 35.6	2.211	3.041	12.9	22.0

341357 2007 TZ_{64} 5 5.3 181°.76 1°.1/ 4.2 18

4 1	15 12.46	−15 0.1	2.602	3.441	10.4	21.9
4 11	15 7.45	−14 17.9	2.521	3.442	7.7	21.7
4 21	15 0.96	−13 29.7	2.465	3.442	4.6	21.5
5 1	14 53.53	−12 38.2	2.438	3.442	1.6	21.3
5 11	14 45.86	−11 47.3	2.440	3.441	2.6	21.4
5 21	14 38.62	−11 0.4	2.471	3.440	5.7	21.6
5 31	14 32.43	−10 21.1	2.529	3.439	8.7	21.8
6 10	14 27.76	− 9 51.8	2.612	3.437	11.3	22.0

12770 1994 GF 5 5.3 12°.37 3°.1/ 3.8 18

4 1	15 16.10	−11 46.7	1.186	2.063	17.7	17.6
4 11	15 11.64	−11 14.7	1.124	2.063	13.2	17.3
4 21	15 4.15	−10 36.8	1.082	2.064	8.1	17.0
5 1	14 54.60	− 9 58.1	1.062	2.066	3.5	16.7
5 11	14 44.48	− 9 25.4	1.067	2.067	5.3	16.9
5 21	14 35.29	− 9 4.4	1.095	2.070	10.3	17.1
5 31	14 28.32	− 8 59.6	1.144	2.072	15.2	17.4
6 10	14 24.36	− 9 12.5	1.212	2.075	19.4	17.7

413468 2005 GY_{41} 5 5.3 52°.38 1°.8/ 4.3 17

4 1	15 15.68	−14 58.4	1.273	2.142	17.1	21.1
4 11	15 10.95	−14 19.8	1.221	2.157	12.7	20.9
4 21	15 3.50	−13 32.1	1.190	2.172	7.6	20.6
5 1	14 54.35	−12 40.2	1.183	2.188	2.6	20.3
5 11	14 44.90	−11 50.9	1.201	2.204	4.1	20.5
5 21	14 36.51	−11 10.6	1.243	2.220	9.1	20.8
5 31	14 30.24	−10 44.3	1.307	2.237	13.6	21.1
6 10	14 26.72	−10 34.6	1.392	2.254	17.4	21.4

386482 2008 YY_{167} 5 5.3 167°.90 3°.6/ 2.7 18

4 1	15 14.69	− 5 57.3	2.316	3.163	11.2	20.7
4 11	15 9.21	− 5 30.1	2.243	3.166	8.4	20.5
4 21	15 2.08	− 5 3.9	2.196	3.168	5.5	20.4
5 1	14 53.90	− 4 42.0	2.176	3.170	3.6	20.2
5 11	14 45.44	− 4 27.6	2.185	3.172	4.7	20.3
5 21	14 37.47	− 4 23.2	2.222	3.173	7.5	20.5
5 31	14 30.68	− 4 30.3	2.284	3.174	10.3	20.7
6 10	14 25.59	− 4 49.2	2.369	3.175	12.9	20.8

161932 2007 EU_{172} 5 5.3 297°.68 0°.4/ 5.6 17

4 1	15 14.57	−18 47.6	1.708	2.557	14.5	20.5
4 11	15 9.93	−18 36.9	1.625	2.548	11.0	20.3
4 21	15 2.90	−18 15.9	1.563	2.540	6.8	20.0
5 1	14 54.22	−17 46.1	1.526	2.531	2.2	19.7
5 11	14 44.97	−17 11.1	1.516	2.523	2.6	19.7
5 21	14 36.29	−16 35.5	1.533	2.514	7.2	20.0
5 31	14 29.20	−16 4.7	1.574	2.506	11.5	20.2
6 10	14 24.46	−15 43.0	1.636	2.498	15.3	20.4

173539 2000 WD_{130} 5 5.3 286°.96 3°.4/ 3.7 18

4 1	15 18.69	− 9 23.5	1.505	2.366	15.5	20.1
4 11	15 13.53	− 9 5.7	1.406	2.337	11.8	19.8
4 21	15 5.45	− 8 45.4	1.329	2.307	7.5	19.5
5 1	14 55.12	− 8 26.4	1.276	2.277	3.7	19.2
5 11	14 43.70	− 8 13.6	1.249	2.247	5.3	19.2
5 21	14 32.60	− 8 11.5	1.247	2.216	10.1	19.4
5 31	14 23.18	− 8 23.7	1.269	2.185	15.0	19.5
6 10	14 16.48	− 8 52.0	1.310	2.154	19.3	19.7

503958 2004 PK_{13} 5 5.3 225°.02 13°.0/17.1 18

4 1	15 32.09	−58 28.0	2.528	3.110	16.7	22.0
4 11	15 24.31	−59 50.4	2.434	3.099	15.7	21.8
4 21	15 12.41	−60 48.8	2.355	3.088	14.6	21.7
5 1	14 57.32	−61 15.4	2.293	3.076	13.7	21.6
5 11	14 40.83	−61 5.5	2.252	3.063	13.1	21.6
5 21	14 25.10	−60 18.9	2.231	3.050	13.1	21.5
5 31	14 12.11	−59 0.8	2.231	3.036	13.6	21.5
6 10	14 3.10	−57 20.5	2.251	3.022	14.5	21.6

143604 2003 FK_{91} 5 5.3 66°.43 2°.5/ 6.9 18

4 1	15 16.54	−24 10.5	1.615	2.450	15.8	20.0
4 11	15 11.31	−24 6.4	1.554	2.466	12.2	19.8
4 21	15 3.63	−23 46.9	1.514	2.482	8.0	19.6
5 1	14 54.41	−23 13.1	1.499	2.498	3.8	19.4
5 11	14 44.88	−22 28.4	1.510	2.514	3.2	19.4
5 21	14 36.23	−21 38.6	1.547	2.530	7.0	19.7
5 31	14 29.45	−20 50.1	1.609	2.546	11.0	19.9
6 10	14 25.17	−20 8.7	1.693	2.562	14.5	20.2

182845 2002 CK_{60} 5 5.3 16°.94 3°.1/ 7.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 13.85	−26 17.3	2.178	2.994	13.0	19.9
4 11	15 8.98	−26 29.5	2.096	2.995	10.2	19.7
4 21	15 2.12	−26 29.1	2.038	2.996	7.0	19.5
5 1	14 53.96	−26 15.8	2.005	2.998	4.1	19.4
5 11	14 45.40	−25 51.2	2.000	2.999	3.4	19.3
5 21	14 37.35	−25 18.5	2.022	3.001	6.0	19.5
5 31	14 30.66	−24 42.5	2.070	3.003	9.1	19.7
6 10	14 25.93	−24 7.9	2.142	3.005	12.1	19.9

87459 2000 QL_{125} 5 5.3 278°.61 2°.5/ 3.3 18

4 1	15 12.58	−13 39.8	1.755	2.614	13.7	19.5
4 11	15 8.29	−12 33.5	1.671	2.602	10.2	19.2
4 21	15 1.83	−11 17.8	1.610	2.590	6.2	19.0
5 1	14 53.90	− 9 57.8	1.575	2.578	2.8	18.7
5 11	14 45.48	− 8 40.3	1.568	2.566	4.4	18.8
5 21	14 37.61	− 7 32.2	1.587	2.554	8.5	19.0
5 31	14 31.21	− 6 39.1	1.630	2.541	12.5	19.2
6 10	14 26.96	− 6 4.3	1.694	2.529	16.0	19.4

520903 2014 WW_{527} 5 5.3 145°.41 7°.3/10.4 17

4 1	15 20.71	−36 22.1	1.951	2.720	15.9	22.0
4 11	15 14.59	−37 5.2	1.872	2.725	13.4	21.8
4 21	15 5.79	−37 28.2	1.814	2.731	10.6	21.6
5 1	14 55.13	−37 27.5	1.779	2.736	8.2	21.5
5 11	14 43.88	−37 2.7	1.770	2.740	7.3	21.5
5 21	14 33.35	−36 17.1	1.787	2.745	8.5	21.5
5 31	14 24.72	−35 17.5	1.829	2.749	10.9	21.7
6 10	14 18.74	−34 12.2	1.893	2.753	13.6	21.9

499286 2009 VH_{95} 5 5.3 231°.50 0°.8/ 4.8 18

4 1	15 17.71	−14 31.3	2.264	3.101	11.8	22.3
4 11	15 11.74	−14 22.7	2.168	3.087	8.9	22.0
4 21	15 3.80	−14 9.0	2.096	3.072	5.4	21.8
5 1	14 54.50	−13 51.9	2.052	3.057	1.7	21.5
5 11	14 44.68	−13 34.0	2.038	3.041	2.6	21.5
5 21	14 35.24	−13 18.2	2.052	3.025	6.4	21.8
5 31	14 27.02	−13 7.8	2.093	3.007	10.0	21.9
6 10	14 20.68	−13 5.1	2.158	2.990	13.2	22.1

272816 2006 AG_{53} 5 5.3 320°.73 8°.5/29.4 17

4 1	15 13.01	+ 2 52.3	1.657	2.518	14.3	20.1
4 11	15 8.59	+ 4 4.4	1.593	2.511	11.5	19.9
4 21	15 1.98	+ 5 8.9	1.550	2.503	9.3	19.8
5 1	14 53.93	+ 5 57.9	1.532	2.497	8.6	19.7
5 11	14 45.47	+ 6 24.9	1.539	2.490	9.9	19.8
5 21	14 37.63	+ 6 26.7	1.569	2.484	12.6	19.9
5 31	14 31.32	+ 6 2.7	1.620	2.478	15.5	20.1
6 10	14 27.19	+ 5 15.4	1.689	2.472	18.2	20.2

403262 2008 YF_{126} 5 5.3 119°.95 1°.1/ 4.7 16

4 1	15 18.45	−15 16.9	1.509	2.364	15.7	21.8
4 11	15 12.82	−14 54.0	1.445	2.373	11.7	21.6
4 21	15 4.61	−14 22.9	1.402	2.381	7.1	21.3
5 1	14 54.74	−13 46.8	1.384	2.389	2.2	21.1
5 11	14 44.47	−13 10.6	1.393	2.397	3.4	21.2
5 21	14 35.05	−12 39.5	1.428	2.404	8.2	21.5
5 31	14 27.55	−12 18.1	1.487	2.411	12.6	21.7
6 10	14 22.66	−12 9.5	1.566	2.418	16.3	22.0

193248 2000 SA_{75} 5 5.3 155°.68 0°.1/ 5.5 18

4 1	15 9.25	−17 35.4	4.114	4.937	7.2	21.1
4 11	15 4.63	−17 26.4	4.033	4.944	5.3	20.9
4 21	14 59.09	−17 13.3	3.978	4.951	3.3	20.8
5 1	14 52.98	−16 57.2	3.953	4.957	1.0	20.6
5 11	14 46.72	−16 39.6	3.958	4.963	1.3	20.6
5 21	14 40.72	−16 22.0	3.993	4.969	3.5	20.8
5 31	14 35.37	−16 6.2	4.057	4.974	5.5	21.0
6 10	14 30.97	−15 53.7	4.147	4.979	7.3	21.1

57436 2001 SA_{50} 5 5.3 102°.79 5°.9/30.8 18

4 1	15 14.14	− 3 55.0	1.776	2.637	13.5	19.2
4 11	15 9.12	− 2 34.4	1.722	2.649	10.3	19.1
4 21	15 2.12	− 1 15.6	1.692	2.660	7.3	18.9
5 1	14 53.94	− 0 5.6	1.688	2.672	5.9	18.8
5 11	14 45.54	+ 0 49.4	1.711	2.683	7.3	18.9
5 21	14 37.86	+ 1 25.0	1.759	2.694	10.2	19.1
5 31	14 31.71	+ 1 39.3	1.831	2.705	13.3	19.3
6 10	14 27.59	+ 1 33.1	1.922	2.716	15.9	19.6

469791 2005 RC_{6} 5 5.3 201°.41 3°.7/ 9.0 18

4 1	15 15.36	−31 42.8	3.255	4.024	10.1	22.4
4 11	15 9.60	−31 59.7	3.157	4.019	8.2	22.3
4 21	15 2.31	−32 5.3	3.083	4.014	6.2	22.1
5 1	14 54.01	−31 58.7	3.035	4.008	4.3	22.0
5 11	14 45.36	−31 40.4	3.017	4.001	3.8	22.0
5 21	14 37.04	−31 12.4	3.028	3.994	5.0	22.0
5 31	14 29.68	−30 37.7	3.068	3.987	7.0	22.2
6 10	14 23.79	−30 0.3	3.132	3.978	9.1	22.3

5522 De Rop 5 5.4 142°.22 0°.7/ 5.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 18.17	−20 8.0	1.929	2.762	13.7	17.8
4 11	15 12.16	−19 48.5	1.858	2.773	10.3	17.6
4 21	15 4.03	−19 18.1	1.810	2.783	6.4	17.4
5 1	14 54.55	−18 38.7	1.789	2.793	2.2	17.1
5 11	14 44.75	−17 53.9	1.797	2.802	2.3	17.2
5 21	14 35.67	−17 8.6	1.832	2.811	6.5	17.5
5 31	14 28.18	−16 27.7	1.893	2.819	10.3	17.7
6 10	14 22.87	−15 55.4	1.978	2.826	13.5	17.9

321158 2008 UJ_{345} 5 5.4 248°.64 3°.7/ 8.2 17

4 1	15 14.81	−28 37.6	2.034	2.843	14.0	21.3
4 11	15 9.89	−28 35.5	1.946	2.838	11.1	21.1
4 21	15 2.78	−28 17.3	1.879	2.833	7.9	20.9
5 1	14 54.20	−27 42.5	1.838	2.828	4.8	20.7
5 11	14 45.15	−26 53.1	1.824	2.822	3.9	20.6
5 21	14 36.66	−25 53.8	1.838	2.817	6.4	20.8
5 31	14 29.66	−24 50.6	1.877	2.811	9.8	21.0
6 10	14 24.82	−23 50.1	1.940	2.806	13.0	21.1

217910 2001 SX_{157} 5 5.4 164°.57 0°.4/ 5.7 17

4 1	15 16.02	−19 58.4	2.119	2.951	12.7	20.9
4 11	15 10.45	−19 30.8	2.041	2.956	9.5	20.7
4 21	15 2.95	−18 53.0	1.987	2.960	5.9	20.5
5 1	14 54.22	−18 6.7	1.960	2.964	2.0	20.3
5 11	14 45.17	−17 15.9	1.962	2.967	2.2	20.3
5 21	14 36.71	−16 25.0	1.992	2.970	6.1	20.5
5 31	14 29.65	−15 39.0	2.049	2.972	9.7	20.8
6 10	14 24.55	−15 1.7	2.129	2.974	12.8	21.0

246178 2007 RD_{38} 5 5.4 207°.98 2°.3/ 2.3 18

4 1	15 7.68	− 7 8.8	3.782	4.625	7.3	21.1
4 11	15 3.56	− 6 32.6	3.699	4.621	5.5	21.0
4 21	14 58.49	− 5 55.9	3.643	4.616	3.6	20.9
5 1	14 52.81	− 5 21.1	3.617	4.610	2.3	20.8
5 11	14 46.97	− 4 50.6	3.620	4.605	3.1	20.8
5 21	14 41.38	− 4 26.2	3.652	4.599	5.0	20.9
5 31	14 36.43	− 4 9.5	3.711	4.593	6.9	21.1
6 10	14 32.45	− 4 1.5	3.794	4.587	8.7	21.2

345485 2006 HL_{100} 5 5.4 250°.52 0°.4/ 5.7 17

4 1	15 13.53	−19 45.1	2.075	2.913	12.7	21.8
4 11	15 8.76	−19 20.7	1.988	2.906	9.6	21.5
4 21	15 2.02	−18 46.0	1.924	2.899	5.9	21.3
5 1	14 53.96	−18 2.7	1.887	2.891	2.0	21.0
5 11	14 45.48	−17 14.5	1.877	2.883	2.2	21.0
5 21	14 37.50	−16 25.8	1.896	2.875	6.3	21.3
5 31	14 30.84	−15 41.7	1.940	2.867	10.0	21.5
6 10	14 26.13	−15 6.2	2.008	2.859	13.2	21.7

477726 2010 SN_{26} 5 5.4 260°.65 4°.6/ 8.6 18

4 1	15 17.50	−30 42.4	2.636	3.417	11.9	21.5
4 11	15 11.66	−31 23.7	2.533	3.403	9.7	21.3
4 21	15 3.83	−31 53.5	2.452	3.388	7.3	21.1
5 1	14 54.55	−32 9.7	2.399	3.372	5.2	21.0
5 11	14 44.66	−32 11.6	2.373	3.357	4.6	20.9
5 21	14 35.05	−32 0.9	2.376	3.341	6.2	21.0
5 31	14 26.59	−31 40.7	2.406	3.325	8.7	21.1
6 10	14 19.96	−31 15.8	2.460	3.309	11.2	21.2

395862 2013 AO_{7} 5 5.4 157°.16 3°.5/ 1.7 18

4 1	15 11.61	− 4 18.0	2.992	3.835	9.1	21.9
4 11	15 6.60	− 3 35.9	2.924	3.842	6.9	21.8
4 21	15 0.37	− 2 55.2	2.882	3.849	4.7	21.6
5 1	14 53.40	− 2 18.9	2.868	3.855	3.5	21.6
5 11	14 46.26	− 1 50.0	2.884	3.861	4.5	21.6
5 21	14 39.50	− 1 30.8	2.929	3.866	6.5	21.8
5 31	14 33.63	− 1 22.8	2.999	3.871	8.7	21.9
6 10	14 29.05	− 1 26.2	3.093	3.875	10.7	22.1

335608 2006 EN_{52} 5 5.4 342°.29 6°.8/30.3 17

4 1	15 11.53	− 2 36.4	1.636	2.505	14.0	20.5
4 11	15 7.50	− 1 16.6	1.571	2.501	10.8	20.3
4 21	15 1.32	+ 0 1.2	1.529	2.497	8.0	20.1
5 1	14 53.75	+ 1 9.2	1.513	2.494	6.8	20.0
5 11	14 45.80	+ 2 0.3	1.521	2.491	8.3	20.1
5 21	14 38.48	+ 2 29.7	1.554	2.488	11.4	20.2
5 31	14 32.69	+ 2 35.3	1.609	2.486	14.6	20.4
6 10	14 29.03	+ 2 18.1	1.682	2.484	17.5	20.6

326967 2004 JE_{20} 5 5.4 311°.09 1°.2/ 5.9 17

4 1	15 14.85	−19 8.6	1.456	2.312	16.1	20.4
4 11	15 10.81	−19 18.4	1.360	2.287	12.4	20.1
4 21	15 3.86	−19 17.8	1.284	2.262	7.9	19.8
5 1	14 54.68	−19 7.1	1.233	2.237	2.9	19.4
5 11	14 44.47	−18 48.6	1.206	2.212	3.0	19.3
5 21	14 34.65	−18 26.5	1.204	2.188	8.3	19.6
5 31	14 26.61	−18 6.6	1.225	2.165	13.4	19.8
6 10	14 21.37	−17 54.4	1.266	2.142	17.9	20.0

162661 2000 SG_{253} 5 5.4 131°.28 4°.1/ 7.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 20.75	−26 48.3	1.638	2.458	16.4	20.2
4 11	15 14.68	−27 10.5	1.566	2.466	12.9	20.0
4 21	15 5.85	−27 16.3	1.516	2.474	9.0	19.8
5 1	14 55.18	−27 4.4	1.490	2.482	5.2	19.6
5 11	14 43.98	−26 36.2	1.490	2.489	4.4	19.5
5 21	14 33.60	−25 56.3	1.517	2.496	7.5	19.7
5 31	14 25.23	−25 11.7	1.569	2.503	11.4	20.0
6 10	14 19.61	−24 29.4	1.642	2.509	15.0	20.2

498636 2008 RG_{144} 5 5.4 145°.88 3°.3/ 2.6 17

4 1	15 13.25	− 9 23.4	2.095	2.949	12.0	21.9
4 11	15 8.30	− 8 23.8	2.026	2.954	8.9	21.7
4 21	15 1.60	− 7 21.2	1.983	2.959	5.6	21.5
5 1	14 53.81	− 6 20.3	1.967	2.964	3.4	21.4
5 11	14 45.76	− 5 26.3	1.979	2.969	4.7	21.5
5 21	14 38.28	− 4 43.4	2.018	2.973	7.8	21.6
5 31	14 32.09	− 4 14.8	2.083	2.977	11.0	21.8
6 10	14 27.69	− 4 1.8	2.169	2.981	13.8	22.0

519640 2012 UD_{183} 5 5.4 56°.91 0°.6/ 4.8 17

4 1	15 11.80	−18 51.0	1.992	2.838	12.9	20.5
4 11	15 7.24	−17 43.7	1.933	2.857	9.5	20.3
4 21	15 0.92	−16 25.8	1.899	2.877	5.7	20.1
5 1	14 53.58	−15 1.8	1.892	2.897	1.7	19.9
5 11	14 46.10	−13 37.7	1.913	2.917	2.6	20.0
5 21	14 39.33	−12 19.4	1.962	2.937	6.5	20.3
5 31	14 33.95	−11 12.2	2.037	2.957	9.9	20.5
6 10	14 30.44	−10 19.6	2.135	2.977	12.9	20.8

71379 2000 AA_{146} 5 5.4 175°.91 2°.3/ 6.9 18

4 1	15 19.13	−23 59.9	1.993	2.812	13.9	19.2
4 11	15 13.02	−24 1.2	1.911	2.815	10.7	19.0
4 21	15 4.66	−23 49.7	1.853	2.817	7.1	18.8
5 1	14 54.79	−23 25.4	1.820	2.818	3.5	18.6
5 11	14 44.47	−22 50.7	1.816	2.819	2.9	18.5
5 21	14 34.77	−22 9.7	1.839	2.819	6.4	18.8
5 31	14 26.65	−21 27.8	1.889	2.818	10.1	19.0
6 10	14 20.78	−20 50.2	1.962	2.817	13.4	19.2

156297 2001 XR_{8} 5 5.4 87°.77 5°.9/10.3 17

4 1	15 18.30	−34 56.6	1.845	2.629	16.2	20.0
4 11	15 12.55	−34 56.8	1.780	2.648	13.3	19.8
4 21	15 4.36	−34 34.5	1.735	2.666	10.0	19.7
5 1	14 54.66	−33 48.7	1.713	2.685	7.1	19.5
5 11	14 44.71	−32 42.0	1.718	2.703	5.9	19.5
5 21	14 35.70	−31 20.4	1.749	2.721	7.5	19.6
5 31	14 28.61	−29 52.2	1.806	2.738	10.3	19.8
6 10	14 24.02	−28 25.9	1.887	2.756	13.2	20.0

393102 2013 AY_{148} 5 5.4 250°.81 1°.8/ 3.7 16

4 1	15 11.23	−13 18.9	2.390	3.238	10.9	21.6
4 11	15 6.75	−12 29.6	2.303	3.228	8.1	21.4
4 21	15 0.67	−11 34.4	2.241	3.219	4.9	21.2
5 1	14 53.55	−10 36.7	2.207	3.210	2.1	21.0
5 11	14 46.09	− 9 40.9	2.201	3.200	3.3	21.1
5 21	14 39.05	− 8 51.1	2.224	3.190	6.5	21.2
5 31	14 33.08	− 8 11.0	2.273	3.180	9.7	21.4
6 10	14 28.71	− 7 43.2	2.345	3.170	12.5	21.6

206758 2004 CV_{6} 5 5.4 27°.07 0°.4/ 5.1 17

4 1	15 11.61	−17 38.2	1.575	2.435	14.9	19.6
4 11	15 7.62	−17 8.0	1.516	2.447	11.1	19.4
4 21	15 1.39	−16 27.7	1.479	2.459	6.7	19.2
5 1	14 53.77	−15 40.6	1.467	2.473	2.0	18.9
5 11	14 45.86	−14 52.1	1.481	2.487	2.8	19.0
5 21	14 38.73	−14 7.6	1.521	2.501	7.4	19.3
5 31	14 33.29	−13 32.3	1.584	2.517	11.4	19.6
6 10	14 30.10	−13 9.5	1.669	2.533	14.9	19.9

250359 2003 SL_{271} 5 5.4 278°.51 2°.9/ 3.8 18

4 1	15 17.89	−10 56.4	1.609	2.467	14.8	20.8
4 11	15 12.74	−10 29.5	1.510	2.440	11.2	20.5
4 21	15 4.88	− 9 57.7	1.433	2.412	7.0	20.2
5 1	14 54.98	− 9 24.7	1.382	2.384	3.2	19.9
5 11	14 44.15	− 8 55.5	1.356	2.355	4.8	19.9
5 21	14 33.66	− 8 35.1	1.357	2.326	9.4	20.1
5 31	14 24.77	− 8 27.9	1.382	2.297	14.1	20.3
6 10	14 18.42	− 8 36.6	1.426	2.267	18.2	20.5

313050 2000 QE_{216} 5 5.4 202°.95 4°.6/ 2.3 16

4 1	15 16.72	− 7 18.4	1.712	2.571	14.0	20.8
4 11	15 11.33	− 6 20.1	1.639	2.568	10.6	20.6
4 21	15 3.66	− 5 19.9	1.589	2.564	7.0	20.4
5 1	14 54.50	− 4 23.4	1.566	2.560	4.6	20.2
5 11	14 44.90	− 3 36.8	1.569	2.555	6.2	20.3
5 21	14 35.94	− 3 5.2	1.598	2.550	9.7	20.5
5 31	14 28.58	− 2 51.7	1.651	2.545	13.4	20.7
6 10	14 23.47	− 2 56.9	1.724	2.539	16.6	20.9

70790 1999 VS_{49} 5 5.4 192°.27 2°.0/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 15.04	−24 1.5	2.212	3.033	12.6	20.2
4 11	15 9.79	−23 49.4	2.127	3.032	9.7	20.0
4 21	15 2.61	−23 25.0	2.065	3.030	6.4	19.8
5 1	14 54.16	−22 49.0	2.030	3.029	3.0	19.6
5 11	14 45.34	−22 4.3	2.022	3.026	2.5	19.5
5 21	14 37.03	−21 14.8	2.043	3.024	5.8	19.7
5 31	14 30.07	−20 25.7	2.091	3.021	9.2	19.9
6 10	14 25.03	−19 41.6	2.163	3.018	12.3	20.1

148434 2000 XN_{3} 5 5.4 233°.54 4°.8/ 9.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.89	−33 6.7	2.545	3.322	12.4	20.1
4 11	15 9.68	−33 24.4	2.451	3.316	10.2	19.9
4 21	15 2.57	−33 27.1	2.380	3.310	7.8	19.7
5 1	14 54.17	−33 13.7	2.334	3.304	5.6	19.6
5 11	14 45.32	−32 44.6	2.315	3.298	4.9	19.5
5 21	14 36.91	−32 2.7	2.324	3.291	6.2	19.6
5 31	14 29.75	−31 12.4	2.360	3.285	8.6	19.7
6 10	14 24.46	−30 19.4	2.420	3.278	11.1	19.9

466193 2012 KM_{46} 5 5.4 305°.22 7°.7/ 1.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.88	+ 0 30.1	1.538	2.398	15.2	20.8
4 11	15 12.02	+ 1 8.2	1.446	2.368	12.1	20.5
4 21	15 4.45	+ 1 39.9	1.375	2.338	9.2	20.2
5 1	14 54.85	+ 1 58.0	1.329	2.309	7.7	20.1
5 11	14 44.35	+ 1 56.2	1.307	2.279	9.1	20.1
5 21	14 34.21	+ 1 30.7	1.309	2.249	12.5	20.2
5 31	14 25.69	+ 0 40.7	1.333	2.220	16.4	20.3
6 10	14 19.70	− 0 31.7	1.376	2.191	20.1	20.5

27809 1993 HS_{1} 5 5.4 355°.33 2°.4/ 6.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 18.35	−19 13.5	1.133	1.999	19.1	16.9
4 11	15 13.87	−20 1.0	1.065	1.996	14.6	16.7
4 21	15 5.88	−20 39.1	1.016	1.993	9.4	16.4
5 1	14 55.32	−21 5.9	0.989	1.991	4.0	16.0
5 11	14 43.81	−21 21.8	0.985	1.990	3.8	16.0
5 21	14 33.16	−21 29.7	1.004	1.990	9.2	16.3
5 31	14 24.98	−21 34.9	1.045	1.991	14.5	16.6
6 10	14 20.27	−21 43.2	1.105	1.993	19.1	16.9

243985 2001 RA_{61} 5 5.4 180°.04 4°.0/ 1.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 12.11	− 5 23.7	2.443	3.294	10.6	20.8
4 11	15 7.28	− 4 32.9	2.371	3.295	8.0	20.6
4 21	15 0.93	− 3 42.5	2.325	3.295	5.4	20.5
5 1	14 53.62	− 2 56.6	2.306	3.295	4.0	20.4
5 11	14 46.07	− 2 19.1	2.315	3.295	5.1	20.4
5 21	14 38.97	− 1 53.2	2.352	3.295	7.6	20.6
5 31	14 32.93	− 1 40.9	2.414	3.294	10.3	20.8
6 10	14 28.45	− 1 42.6	2.499	3.293	12.7	20.9

16365 1979 MK_{5} 5 5.4 35°.93 0°.0/ 5.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.95	−18 23.4	1.537	2.393	15.4	18.2
4 11	15 9.50	−17 54.2	1.471	2.399	11.5	17.9
4 21	15 2.63	−17 13.4	1.426	2.405	7.0	17.7
5 1	14 54.19	−16 24.2	1.406	2.411	2.1	17.4
5 11	14 45.36	−15 31.7	1.412	2.417	2.9	17.5
5 21	14 37.31	−14 42.1	1.443	2.424	7.6	17.8
5 31	14 31.05	−14 1.2	1.499	2.431	12.0	18.0
6 10	14 27.21	−13 33.2	1.575	2.439	15.7	18.3

212393 2006 HE_{153} 5 5.4 321°.13 2°.9/ 3.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 12.55	−12 57.6	1.225	2.104	17.0	20.4
4 11	15 9.19	−12 16.9	1.147	2.089	12.8	20.1
4 21	15 2.85	−11 27.0	1.090	2.073	7.9	19.7
5 1	14 54.36	−10 33.2	1.055	2.059	3.3	19.4
5 11	14 45.07	− 9 42.9	1.043	2.045	5.2	19.5
5 21	14 36.43	− 9 3.5	1.055	2.032	10.4	19.7
5 31	14 29.80	− 8 41.1	1.088	2.019	15.6	20.0
6 10	14 26.10	− 8 39.0	1.139	2.008	20.0	20.2

335560 2006 BT_{228} 5 5.4 257°.96 2°.8/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.98	−10 19.5	1.974	2.827	12.7	21.4
4 11	15 9.92	− 9 46.6	1.886	2.813	9.5	21.1
4 21	15 2.80	− 9 10.1	1.821	2.798	5.9	20.9
5 1	14 54.27	− 8 33.7	1.783	2.784	3.0	20.7
5 11	14 45.22	− 8 1.8	1.772	2.769	4.3	20.7
5 21	14 36.62	− 7 38.3	1.789	2.753	8.0	20.9
5 31	14 29.34	− 7 26.5	1.831	2.738	11.6	21.1
6 10	14 24.07	− 7 28.3	1.894	2.722	14.9	21.3

464508 2016 BR_{77} 5 5.4 343°.24 27°.1/ 9.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.43	−55 30.8	1.035	1.767	29.1	19.7
4 11	15 14.97	−59 28.4	0.970	1.744	28.3	19.5
4 21	15 9.44	−62 56.2	0.918	1.723	27.7	19.3
5 1	14 57.30	−65 35.8	0.878	1.705	27.2	19.2
5 11	14 40.33	−67 11.4	0.849	1.689	27.1	19.1
5 21	14 23.02	−67 34.7	0.830	1.675	27.3	19.0
5 31	14 11.06	−66 50.0	0.822	1.665	27.9	19.0
6 10	14 8.04	−65 12.5	0.823	1.657	28.7	19.0

325771 2010 MC_{67} 5 5.4 250°.25 2°.8/ 7.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 19.00	−24 54.5	1.905	2.724	14.4	21.6
4 11	15 13.33	−24 57.1	1.802	2.705	11.3	21.3
4 21	15 5.11	−24 45.5	1.721	2.684	7.7	21.1
5 1	14 55.04	−24 19.1	1.666	2.663	4.0	20.8
5 11	14 44.19	−23 39.4	1.639	2.642	3.3	20.7
5 21	14 33.74	−22 50.7	1.639	2.619	7.0	20.9
5 31	14 24.85	−21 59.1	1.665	2.596	11.1	21.1
6 10	14 18.36	−21 11.3	1.714	2.572	14.8	21.2

38427 1999 RB_{231} 5 5.4 209°.65 0°.0/ 5.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.06	−16 42.7	2.738	3.569	10.2	19.3
4 11	15 8.71	−16 42.3	2.649	3.565	7.6	19.1
4 21	15 1.82	−16 36.8	2.586	3.560	4.7	18.9
5 1	14 53.93	−16 27.3	2.550	3.555	1.4	18.7
5 11	14 45.70	−16 15.6	2.545	3.550	1.9	18.7
5 21	14 37.83	−16 4.0	2.568	3.545	5.1	18.9
5 31	14 30.96	−15 54.9	2.620	3.539	8.1	19.1
6 10	14 25.59	−15 50.6	2.695	3.533	10.7	19.3

75040 1999 UP_{33} 5 5.4 301°.62 1°.1/ 4.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.59	−17 56.6	1.496	2.355	15.6	19.6
4 11	15 9.37	−16 54.6	1.420	2.351	11.7	19.3
4 21	15 2.64	−15 38.2	1.367	2.347	7.1	19.1
5 1	14 54.23	−14 12.2	1.338	2.343	2.2	18.7
5 11	14 45.34	−12 44.2	1.336	2.340	3.6	18.8
5 21	14 37.19	−11 22.6	1.359	2.336	8.5	19.1
5 31	14 30.82	−10 14.9	1.406	2.332	13.1	19.3
6 10	14 26.95	− 9 26.1	1.473	2.329	17.0	19.6

239594 2008 UL_{58} 5 5.4 68°.96 3°.1/ 3.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.44	−12 26.8	1.274	2.145	17.0	20.7
4 11	15 11.62	−11 35.1	1.218	2.155	12.6	20.4
4 21	15 4.01	−10 36.2	1.183	2.164	7.7	20.2
5 1	14 54.64	− 9 36.3	1.171	2.174	3.5	20.0
5 11	14 44.90	− 8 42.9	1.184	2.184	5.2	20.1
5 21	14 36.14	− 8 2.6	1.222	2.194	9.9	20.4
5 31	14 29.50	− 7 40.0	1.282	2.204	14.4	20.7
6 10	14 25.65	− 7 36.7	1.361	2.214	18.3	20.9

353311 2010 JW_{125} 5 5.4 263°.72 3°.2/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.05	− 7 9.5	2.365	3.215	10.9	20.3
4 11	15 8.12	− 6 44.9	2.282	3.206	8.2	20.1
4 21	15 1.53	− 6 20.3	2.224	3.198	5.3	19.9
5 1	14 53.85	− 5 58.6	2.194	3.190	3.3	19.7
5 11	14 45.83	− 5 43.3	2.192	3.182	4.3	19.8
5 21	14 38.21	− 5 36.9	2.217	3.173	7.2	20.0
5 31	14 31.68	− 5 41.2	2.268	3.165	10.1	20.1
6 10	14 26.79	− 5 57.0	2.342	3.156	12.8	20.3

430147 2013 TN_{49} 5 5.4 156°.25 0°.5/ 5.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.66	−19 11.5	2.253	3.083	12.1	21.9
4 11	15 10.86	−19 1.9	2.176	3.090	9.1	21.7
4 21	15 3.20	−18 43.9	2.124	3.096	5.6	21.5
5 1	14 54.37	−18 18.9	2.098	3.102	1.9	21.3
5 11	14 45.21	−17 49.5	2.102	3.107	2.1	21.3
5 21	14 36.61	−17 19.3	2.134	3.112	5.8	21.6
5 31	14 29.32	−16 51.9	2.193	3.116	9.2	21.8
6 10	14 23.91	−16 30.9	2.276	3.120	12.1	22.0

509344 2006 YB_{30} 5 5.4 195°.85 1°.3/ 4.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 12.31	−12 34.9	3.169	4.005	8.8	23.0
4 11	15 7.17	−12 11.8	3.082	4.001	6.5	22.9
4 21	15 0.79	−11 45.5	3.021	3.997	4.0	22.7
5 1	14 53.61	−11 18.1	2.990	3.993	1.6	22.5
5 11	14 46.19	−10 52.0	2.988	3.988	2.4	22.5
5 21	14 39.09	−10 29.4	3.017	3.983	5.0	22.7
5 31	14 32.82	−10 12.5	3.073	3.977	7.5	22.9
6 10	14 27.81	−10 3.0	3.153	3.970	9.8	23.0

423759 2006 DC_{49} 5 5.4 11°.15 7°.3/ 8.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 18.68	−31 16.1	1.541	2.353	17.6	20.0
4 11	15 13.66	−32 30.4	1.469	2.355	14.5	19.8
4 21	15 5.55	−33 27.3	1.417	2.358	11.1	19.6
5 1	14 55.22	−34 1.8	1.387	2.361	8.2	19.4
5 11	14 44.07	−34 12.1	1.382	2.365	7.4	19.4
5 21	14 33.63	−34 0.7	1.402	2.370	9.3	19.5
5 31	14 25.31	−33 33.8	1.444	2.376	12.4	19.7
6 10	14 20.01	−33 0.0	1.508	2.382	15.7	19.9

124544 2001 RV_{108} 5 5.4 109°.22 0°.0/ 5.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 20.42	−18 17.0	1.524	2.370	16.1	20.7
4 11	15 14.23	−17 58.5	1.465	2.388	12.0	20.4
4 21	15 5.45	−17 29.1	1.428	2.405	7.3	20.2
5 1	14 55.07	−16 51.2	1.416	2.421	2.3	19.9
5 11	14 44.40	−16 9.6	1.431	2.437	2.8	20.0
5 21	14 34.70	−15 29.7	1.473	2.453	7.7	20.3
5 31	14 27.01	−14 57.1	1.539	2.467	12.0	20.6
6 10	14 21.97	−14 35.8	1.627	2.482	15.7	20.9

86277 1999 TS_{323} 5 5.4 302.°65 6.°3/10.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 13.85	−36 2.0	2.188	2.962	14.3	18.8
4 11	15 9.40	−36 17.4	2.083	2.940	12.0	18.6
4 21	15 2.66	−36 13.8	1.997	2.919	9.5	18.4
5 1	14 54.29	−35 48.5	1.936	2.898	7.2	18.2
5 11	14 45.27	−35 2.0	1.900	2.877	6.3	18.1
5 21	14 36.69	−33 57.1	1.890	2.856	7.5	18.1
5 31	14 29.56	−32 40.2	1.906	2.835	10.0	18.2
6 10	14 24.63	−31 18.8	1.946	2.814	12.9	18.4

370082 2001 SF_{152} 5 5.4 242.°08 1.°9/ 6.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 17.31	−22 58.0	2.049	2.873	13.4	21.6
4 11	15 11.80	−22 56.1	1.951	2.859	10.3	21.4
4 21	15 4.05	−22 42.3	1.877	2.844	6.8	21.1
5 1	14 54.71	−22 16.7	1.828	2.828	3.1	20.9
5 11	14 44.76	−21 41.6	1.808	2.812	2.7	20.8
5 21	14 35.25	−21 0.6	1.815	2.796	6.4	21.0
5 31	14 27.15	−20 19.0	1.849	2.779	10.2	21.2
6 10	14 21.19	−19 42.2	1.906	2.761	13.7	21.4

500971 2013 QO_{70} 5 5.4 179.°37 4.°2/ 8.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 20.03	−28 45.9	2.205	3.001	13.5	22.3
4 11	15 13.69	−29 15.5	2.120	3.002	10.8	22.1
4 21	15 5.12	−29 31.5	2.057	3.003	7.8	21.9
5 1	14 55.02	−29 32.2	2.020	3.003	5.1	21.7
5 11	14 44.39	−29 18.1	2.011	3.003	4.4	21.7
5 21	14 34.29	−28 51.9	2.030	3.003	6.5	21.8
5 31	14 25.69	−28 18.3	2.076	3.001	9.5	22.0
6 10	14 19.26	−27 43.0	2.145	3.000	12.4	22.2

478066 2011 UB_{6} 5 5.4 287.°08 0.°0/ 5.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.69	−16 7.5	2.236	3.076	11.8	20.9
4 11	15 9.55	−16 12.7	2.146	3.066	8.9	20.7
4 21	15 2.53	−16 12.6	2.081	3.057	5.4	20.5
5 1	14 54.21	−16 8.3	2.042	3.047	1.7	20.2
5 11	14 45.43	−16 1.9	2.032	3.038	2.2	20.2
5 21	14 37.05	−15 55.8	2.050	3.028	6.0	20.4
5 31	14 29.87	−15 52.7	2.095	3.019	9.5	20.6
6 10	14 24.51	−15 55.4	2.163	3.010	12.6	20.8

283512 2001 TH_{24} 5 5.4 217.°83 2.°4/ 8.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 8.42	−29 12.7	4.497	5.277	7.3	20.4
4 11	15 4.13	−29 25.0	4.403	5.276	5.9	20.3
4 21	14 58.89	−29 30.0	4.335	5.275	4.3	20.2
5 1	14 53.03	−29 27.5	4.294	5.273	2.8	20.1
5 11	14 46.98	−29 18.4	4.282	5.272	2.4	20.0
5 21	14 41.14	−29 3.7	4.300	5.271	3.5	20.1
5 31	14 35.90	−28 45.4	4.347	5.269	5.0	20.2
6 10	14 31.60	−28 25.7	4.419	5.268	6.6	20.3

172293 2002 TD_{178} 5 5.4 255.°88 7.°0/10.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 17.64	−38 7.7	2.315	3.067	14.2	20.2
4 11	15 12.18	−38 41.2	2.215	3.054	12.1	20.0
4 21	15 4.34	−38 56.4	2.135	3.041	9.8	19.8
5 1	14 54.82	−38 50.1	2.080	3.027	7.8	19.7
5 11	14 44.64	−38 21.5	2.050	3.013	7.0	19.6
5 21	14 34.92	−37 33.2	2.047	2.999	7.9	19.6
5 31	14 26.70	−36 30.4	2.069	2.985	10.0	19.7
6 10	14 20.75	−35 20.4	2.115	2.971	12.5	19.8

70962 1999 XL_{9} 5 5.4 215.°47 1.°3/ 6.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.64	−22 54.1	2.382	3.202	11.8	20.7
4 11	15 9.41	−22 30.7	2.289	3.195	9.1	20.5
4 21	15 2.38	−21 55.9	2.220	3.188	5.8	20.3
5 1	14 54.16	−21 10.7	2.178	3.180	2.5	20.1
5 11	14 45.56	−20 18.2	2.166	3.171	2.1	20.0
5 21	14 37.41	−19 22.5	2.182	3.162	5.5	20.2
5 31	14 30.48	−18 28.4	2.226	3.152	8.9	20.4
6 10	14 25.32	−17 40.4	2.293	3.142	11.9	20.6

297805 2002 AQ_{30} 5 5.4 183.°37 0.°1/ 5.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 18.98	−17 57.8	1.913	2.750	13.7	22.2
4 11	15 12.91	−17 31.0	1.833	2.751	10.3	22.0
4 21	15 4.62	−16 54.5	1.776	2.751	6.3	21.7
5 1	14 54.86	−16 10.4	1.746	2.751	1.9	21.4
5 11	14 44.68	−15 22.9	1.744	2.749	2.6	21.5
5 21	14 35.13	−14 36.8	1.770	2.747	6.9	21.7
5 31	14 27.15	−13 57.1	1.823	2.744	10.9	22.0
6 10	14 21.37	−13 27.9	1.898	2.740	14.3	22.2

497319 2005 TY_{115} 5 5.4 228.°88 1.°6/ 6.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 17.41	−22 4.8	2.081	2.907	13.2	23.3
4 11	15 11.80	−22 2.6	1.988	2.896	10.1	23.1
4 21	15 4.01	−21 49.5	1.917	2.885	6.5	22.8
5 1	14 54.71	−21 25.7	1.873	2.874	2.8	22.6
5 11	14 44.85	−20 53.5	1.857	2.862	2.5	22.5
5 21	14 35.46	−20 16.6	1.869	2.849	6.3	22.7
5 31	14 27.46	−19 39.9	1.908	2.836	10.0	22.9
6 10	14 21.56	−19 8.2	1.970	2.823	13.4	23.1

478309 2011 WS_{69} 5 5.4 217.°53 2.°6/ 8.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 13.36	−27 47.0	2.993	3.787	10.3	22.4
4 11	15 8.20	−27 38.7	2.894	3.779	8.1	22.3
4 21	15 1.54	−27 19.1	2.818	3.770	5.7	22.1
5 1	14 53.90	−26 48.4	2.771	3.760	3.4	21.9
5 11	14 45.93	−26 8.1	2.752	3.750	2.8	21.9
5 21	14 38.31	−25 21.1	2.763	3.740	4.7	22.0
5 31	14 31.68	−24 31.3	2.802	3.729	7.3	22.1
6 10	14 26.53	−23 42.6	2.866	3.717	9.7	22.3

465643 2009 PY_{12} 5 5.4 300.°28 2.°0/ 4.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.81	−14 1.8	1.508	2.373	15.2	21.7
4 11	15 9.78	−13 25.3	1.417	2.351	11.4	21.4
4 21	15 3.10	−12 39.6	1.348	2.329	7.0	21.1
5 1	14 54.51	−11 48.7	1.303	2.307	2.6	20.8
5 11	14 45.12	−10 58.3	1.283	2.285	4.2	20.8
5 21	14 36.21	−10 14.9	1.289	2.264	9.1	21.0
5 31	14 28.97	− 9 44.2	1.317	2.243	13.9	21.2
6 10	14 24.27	− 9 30.2	1.365	2.222	18.0	21.4

93408 2000 SV_{294} 5 5.4 108.°38 6.°4/ 9.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 21.28	−33 23.1	1.990	2.770	15.3	19.2
4 11	15 14.93	−34 14.4	1.916	2.781	12.6	19.1
4 21	15 6.01	−34 48.4	1.864	2.792	9.7	18.9
5 1	14 55.35	−35 1.7	1.836	2.802	7.3	18.8
5 11	14 44.13	−34 54.0	1.835	2.812	6.4	18.8
5 21	14 33.61	−34 28.0	1.860	2.822	7.9	18.9
5 31	14 24.87	−33 49.5	1.911	2.832	10.4	19.0
6 10	14 18.68	−33 5.8	1.985	2.842	13.2	19.2

173876 2001 UW_{14} 5 5.4 123.°05 0.°4/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.43	−16 23.3	2.736	3.569	10.1	21.3
4 11	15 8.10	−15 59.9	2.668	3.585	7.5	21.1
4 21	15 1.39	−15 31.0	2.625	3.600	4.5	21.0
5 1	14 53.84	−14 58.5	2.611	3.615	1.4	20.8
5 11	14 46.11	−14 25.2	2.626	3.630	2.0	20.8
5 21	14 38.86	−13 54.0	2.670	3.644	5.1	21.1
5 31	14 32.66	−13 27.8	2.742	3.658	7.9	21.3
6 10	14 27.93	−13 8.6	2.839	3.671	10.3	21.4

213397 2001 US_{203} 5 5.4 213.°90 2.°2/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.32	−22 54.0	2.290	3.110	12.3	20.6
4 11	15 10.78	−23 14.6	2.205	3.108	9.5	20.4
4 21	15 3.30	−23 26.0	2.142	3.107	6.3	20.2
5 1	14 54.49	−23 27.7	2.107	3.105	3.1	20.0
5 11	14 45.23	−23 20.9	2.100	3.103	2.7	20.0
5 21	14 36.41	−23 8.0	2.121	3.101	5.7	20.1
5 31	14 28.88	−22 52.5	2.170	3.099	9.0	20.3
6 10	14 23.24	−22 38.3	2.242	3.096	11.9	20.5

277797 2006 EZ_{55} 5 5.4 182.°91 3.°3/ 2.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 12.77	−10 30.3	1.912	2.771	12.8	20.8
4 11	15 8.20	− 9 27.0	1.841	2.771	9.5	20.6
4 21	15 1.70	− 8 19.0	1.793	2.771	6.0	20.3
5 1	14 53.98	− 7 11.5	1.772	2.771	3.4	20.2
5 11	14 45.93	− 6 10.4	1.778	2.771	4.8	20.3
5 21	14 38.45	− 5 20.7	1.811	2.770	8.3	20.5
5 31	14 32.36	− 4 46.3	1.869	2.770	11.7	20.7
6 10	14 28.20	− 4 29.0	1.948	2.770	14.7	20.9

151121 2001 WT_{54} 5 5.4 83.°48 0.°7/ 5.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.62	−20 10.4	1.730	2.572	14.7	20.7
4 11	15 11.19	−19 49.9	1.669	2.589	11.0	20.5
4 21	15 3.55	−19 18.0	1.631	2.606	6.8	20.3
5 1	14 54.53	−18 36.8	1.619	2.623	2.4	20.0
5 11	14 45.27	−17 50.5	1.633	2.639	2.4	20.0
5 21	14 36.81	−17 4.4	1.675	2.656	6.8	20.3
5 31	14 30.08	−16 23.9	1.742	2.673	10.7	20.6
6 10	14 25.63	−15 53.1	1.831	2.689	14.1	20.9

259509 2003 SL_{331} 5 5.4 150.°04 4.°2/ 2.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 18.16	− 7 8.4	1.682	2.539	14.3	20.3
4 11	15 12.40	− 6 34.4	1.616	2.544	10.7	20.0
4 21	15 4.34	− 6 0.3	1.573	2.548	7.0	19.8
5 1	14 54.80	− 5 30.7	1.556	2.552	4.3	19.7
5 11	14 44.89	− 5 10.5	1.565	2.556	5.6	19.8
5 21	14 35.70	− 5 3.0	1.601	2.560	9.2	20.0
5 31	14 28.18	− 5 10.5	1.661	2.563	12.9	20.2
6 10	14 22.97	− 5 33.1	1.742	2.566	16.1	20.4

374297 2005 SD_{49} 5 5.4 249.°77 0.°0/ 5.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.41	−18 5.6	1.951	2.790	13.3	22.2
4 11	15 11.16	−17 49.6	1.856	2.776	10.1	21.9
4 21	15 3.68	−17 24.2	1.785	2.761	6.2	21.6
5 1	14 54.65	−16 51.1	1.741	2.745	2.0	21.3
5 11	14 45.02	−16 13.7	1.724	2.729	2.5	21.3
5 21	14 35.83	−15 36.2	1.735	2.713	6.8	21.6
5 31	14 28.06	−15 3.4	1.771	2.696	10.9	21.8
6 10	14 22.43	−14 39.6	1.830	2.679	14.4	22.0

183491 2003 EU_{21} 5 5.4 69°.22 2°.6/ 3.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 12.29	−10 22.1	2.149	3.003	11.7	20.4
4 11	15 7.61	− 9 43.6	2.082	3.010	8.7	20.2
4 21	15 1.24	− 9 2.5	2.040	3.018	5.4	20.0
5 1	14 53.82	− 8 22.3	2.025	3.026	2.8	19.8
5 11	14 46.15	− 7 47.1	2.038	3.034	3.9	19.9
5 21	14 39.03	− 7 20.4	2.079	3.042	7.1	20.1
5 31	14 33.14	− 7 4.8	2.144	3.050	10.2	20.3
6 10	14 28.99	− 7 1.7	2.232	3.058	13.0	20.5

90721 1991 RC_{29} 5 5.4 271°.96 7°.5/10.1 18

4 1	15 21.15	−37 28.1	2.221	2.974	14.7	20.2
4 11	15 15.17	−38 13.0	2.103	2.944	12.6	20.0
4 21	15 6.44	−38 40.5	2.006	2.914	10.3	19.8
5 1	14 55.60	−38 46.1	1.933	2.882	8.2	19.6
5 11	14 43.71	−38 27.6	1.886	2.850	7.5	19.5
5 21	14 32.05	−37 46.2	1.866	2.817	8.6	19.5
5 31	14 21.91	−36 47.1	1.871	2.784	11.1	19.6
6 10	14 14.26	−35 38.2	1.899	2.750	13.9	19.7

222669 2001 YV_{10} 5 5.4 180°.40 1°.5/ 6.5 17

4 1	15 16.94	−22 5.5	2.240	3.062	12.5	21.2
4 11	15 11.19	−21 58.4	2.156	3.063	9.5	21.0
4 21	15 3.50	−21 40.8	2.096	3.064	6.1	20.8
5 1	14 54.54	−21 13.5	2.063	3.064	2.6	20.6
5 11	14 45.21	−20 38.9	2.059	3.064	2.3	20.6
5 21	14 36.39	−20 0.7	2.083	3.063	5.8	20.8
5 31	14 28.91	−19 23.4	2.135	3.061	9.2	21.0
6 10	14 23.36	−18 51.2	2.210	3.059	12.3	21.2

275145 2009 VK_{80} 5 5.4 114°.93 6°.5/30.0 18

4 1	15 15.29	+ 1 13.2	2.142	2.988	12.1	21.3
4 11	15 9.66	+ 2 24.0	2.096	3.008	9.5	21.1
4 21	15 2.38	+ 3 28.5	2.073	3.026	7.3	21.0
5 1	14 54.14	+ 4 21.2	2.078	3.044	6.5	21.0
5 11	14 45.78	+ 4 57.4	2.110	3.061	7.6	21.1
5 21	14 38.07	+ 5 14.6	2.168	3.078	9.8	21.3
5 31	14 31.68	+ 5 12.4	2.249	3.095	12.2	21.4
6 10	14 27.06	+ 4 52.3	2.351	3.110	14.3	21.6

416159 2002 RM_{176} 5 5.4 210°.69 2°.1/ 6.9 17

4 1	15 18.01	−23 47.6	2.082	2.901	13.4	22.2
4 11	15 12.23	−23 40.1	1.990	2.895	10.3	22.0
4 21	15 4.26	−23 19.8	1.922	2.887	6.8	21.7
5 1	14 54.81	−22 47.0	1.880	2.879	3.2	21.5
5 11	14 44.85	−22 4.4	1.867	2.871	2.7	21.4
5 21	14 35.40	−21 16.0	1.882	2.862	6.2	21.6
5 31	14 27.41	−20 27.3	1.923	2.852	10.0	21.8
6 10	14 21.54	−19 43.7	1.988	2.841	13.3	22.0

272684 2005 XJ_{57} 5 5.4 128°.65 8°.3/27.5 17

4 1	15 12.85	+ 2 1.4	1.859	2.715	13.2	20.4
4 11	15 8.20	+ 4 4.7	1.806	2.721	10.6	20.2
4 21	15 1.66	+ 6 2.3	1.779	2.726	8.7	20.1
5 1	14 53.96	+ 7 45.2	1.778	2.732	8.4	20.1
5 11	14 46.02	+ 9 5.7	1.802	2.737	9.9	20.2
5 21	14 38.71	+ 9 59.5	1.852	2.742	12.3	20.4
5 31	14 32.81	+10 25.1	1.922	2.747	14.8	20.5
6 10	14 28.84	+10 24.6	2.011	2.751	17.0	20.7

141413 2002 AM_{199} 5 5.4 181°.03 0°.0/ 5.2 17

4 1	15 13.17	−17 21.6	2.449	3.285	11.1	21.2
4 11	15 8.20	−17 7.2	2.367	3.286	8.3	21.0
4 21	15 1.61	−16 46.2	2.310	3.286	5.0	20.8
5 1	14 53.96	−16 20.2	2.281	3.286	1.6	20.6
5 11	14 46.00	−15 51.9	2.280	3.286	2.0	20.6
5 21	14 38.48	−15 24.4	2.308	3.285	5.5	20.8
5 31	14 32.08	−15 1.0	2.363	3.285	8.7	21.0
6 10	14 27.31	−14 44.4	2.441	3.284	11.5	21.2

390242 2012 XY_{69} 5 5.4 167°.38 3°.6/ 2.0 18

4 1	15 12.38	− 6 0.0	2.579	3.427	10.2	22.0
4 11	15 7.43	− 5 12.6	2.508	3.430	7.7	21.8
4 21	15 1.05	− 4 25.2	2.462	3.433	5.1	21.7
5 1	14 53.77	− 3 41.6	2.445	3.436	3.6	21.6
5 11	14 46.26	− 3 5.6	2.456	3.438	4.7	21.6
5 21	14 39.19	− 2 40.0	2.495	3.440	7.1	21.8
5 31	14 33.15	− 2 26.7	2.560	3.441	9.7	22.0
6 10	14 28.58	− 2 26.5	2.648	3.442	12.0	22.1

377403 2004 TK_{22} 5 5.4 158°.00 0°.4/ 5.7 17

4 1	15 15.05	−19 40.2	1.997	2.835	13.1	21.8
4 11	15 9.92	−19 16.2	1.920	2.838	9.9	21.6
4 21	15 2.78	−18 41.7	1.866	2.841	6.1	21.4
5 1	14 54.34	−17 59.0	1.839	2.843	2.0	21.1
5 11	14 45.55	−17 11.6	1.839	2.845	2.3	21.2
5 21	14 37.34	−16 24.3	1.868	2.847	6.3	21.4
5 31	14 30.57	−15 42.0	1.922	2.849	10.1	21.6
6 10	14 25.82	−15 8.7	1.999	2.851	13.3	21.9

172940 2005 JA_{51} 5 5.4 271°.09 1°.6/ 4.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 13.24	−13 22.3	2.134	2.983	12.0	20.7
4 11	15 8.52	−12 55.3	2.046	2.972	8.9	20.5
4 21	15 1.94	−12 23.1	1.983	2.961	5.4	20.3
5 1	14 54.10	−11 48.4	1.946	2.950	2.0	20.0
5 11	14 45.84	−11 15.0	1.938	2.939	3.1	20.1
5 21	14 37.99	−10 46.5	1.957	2.928	6.8	20.3
5 31	14 31.38	−10 26.5	2.001	2.917	10.4	20.5
6 10	14 26.59	−10 17.4	2.069	2.906	13.5	20.7

168828 2000 SY_{320} 5 5.4 184°.68 6°.9/11.9 16

4 1	15 22.78	−40 52.3	2.351	3.078	14.6	21.0
4 11	15 15.77	−40 50.2	2.257	3.079	12.5	20.9
4 21	15 6.39	−40 25.5	2.184	3.079	10.1	20.7
5 1	14 55.47	−39 35.4	2.135	3.077	7.9	20.5
5 11	14 44.16	−38 20.8	2.113	3.075	6.9	20.5
5 21	14 33.64	−36 46.2	2.119	3.072	7.6	20.5
5 31	14 24.88	−34 59.1	2.153	3.068	9.7	20.6
6 10	14 18.55	−33 8.6	2.212	3.063	12.2	20.8

240253 2002 VT_{10} 5 5.4 218°.40 0°.1/ 5.5 18

4 1	15 15.96	−17 18.9	2.590	3.419	10.8	21.2
4 11	15 10.28	−17 19.0	2.497	3.410	8.1	21.0
4 21	15 2.90	−17 13.3	2.428	3.402	5.0	20.8
5 1	14 54.39	−17 2.8	2.388	3.392	1.6	20.5
5 11	14 45.48	−16 49.3	2.377	3.383	1.9	20.6
5 21	14 36.91	−16 35.2	2.396	3.373	5.4	20.8
5 31	14 29.43	−16 23.4	2.442	3.362	8.5	21.0
6 10	14 23.56	−16 16.6	2.513	3.351	11.3	21.1

140808 2001 UV_{156} 5 5.4 47°.41 2°.8/ 3.6 18

4 1	15 15.13	− 8 16.5	2.091	2.942	12.1	19.6
4 11	15 9.80	− 8 7.0	2.021	2.946	9.0	19.4
4 21	15 2.64	− 7 57.5	1.975	2.951	5.7	19.2
5 1	14 54.30	− 7 50.8	1.956	2.955	3.0	19.0
5 11	14 45.64	− 7 49.5	1.964	2.960	4.0	19.1
5 21	14 37.52	− 7 56.0	2.001	2.965	7.3	19.3
5 31	14 30.71	− 8 11.8	2.063	2.969	10.5	19.5
6 10	14 25.76	− 8 37.6	2.147	2.974	13.4	19.7

167760 2004 XQ_{131} 5 5.4 252°.36 1°.4/ 6.1 18

4 1	15 19.93	−19 36.7	1.595	2.436	15.7	20.1
4 11	15 14.35	−19 50.1	1.506	2.424	12.0	19.8
4 21	15 5.93	−19 53.5	1.438	2.412	7.7	19.5
5 1	14 55.44	−19 46.8	1.396	2.399	2.9	19.2
5 11	14 44.11	−19 32.0	1.380	2.386	2.9	19.2
5 21	14 33.30	−19 12.7	1.391	2.372	7.8	19.4
5 31	14 24.31	−18 54.4	1.426	2.358	12.4	19.7
6 10	14 18.03	−18 42.0	1.482	2.344	16.5	19.9

379284 2009 VZ_{1} 5 5.4 252°.48 7°.5/10.1 18

4 1	15 20.66	−36 30.2	2.022	2.788	15.5	21.6
4 11	15 14.84	−37 17.7	1.922	2.772	13.2	21.4
4 21	15 6.23	−37 46.7	1.842	2.757	10.6	21.2
5 1	14 55.54	−37 52.8	1.786	2.741	8.4	21.0
5 11	14 43.95	−37 34.4	1.756	2.724	7.5	20.9
5 21	14 32.79	−36 53.6	1.751	2.707	8.7	21.0
5 31	14 23.35	−35 56.2	1.771	2.690	11.3	21.1
6 10	14 16.56	−34 50.7	1.814	2.672	14.2	21.2

350466 1998 SR_{68} 5 5.4 278°.71 0°.2/ 5.6 18

4 1	15 15.00	−19 53.2	2.216	3.048	12.2	22.2
4 11	15 10.02	−19 16.5	2.100	3.015	9.3	21.9
4 21	15 2.99	−18 27.8	2.007	2.981	5.8	21.6
5 1	14 54.48	−17 28.8	1.942	2.947	1.9	21.3
5 11	14 45.32	−16 23.1	1.906	2.911	2.3	21.3
5 21	14 36.43	−15 15.8	1.898	2.876	6.4	21.5
5 31	14 28.72	−14 12.7	1.917	2.839	10.4	21.6
6 10	14 22.89	−13 18.8	1.960	2.802	13.9	21.8

48875 1998 HF_{102} 5 5.4 342°.18 1°.5/ 6.1 18

4 1	15 13.30	−20 50.0	1.050	1.925	19.6	17.7
4 11	15 10.26	−20 43.1	0.981	1.917	15.0	17.4
4 21	15 3.78	−20 18.4	0.930	1.911	9.5	17.1
5 1	14 54.81	−19 37.5	0.900	1.905	3.6	16.7
5 11	14 44.97	−18 45.7	0.893	1.900	3.5	16.7
5 21	14 36.02	−17 51.2	0.907	1.895	9.5	17.0
5 31	14 29.52	−17 3.3	0.942	1.892	15.2	17.3
6 10	14 26.42	−16 29.6	0.994	1.890	20.1	17.6

198029 2004 RD_{233} 5 5.4 300°.81 2°.3/ 3.8 17

4 1	15 12.76	−13 45.3	1.633	2.496	14.4	21.2
4 11	15 8.81	−12 57.2	1.540	2.473	10.8	20.9
4 21	15 2.44	−11 59.7	1.469	2.450	6.6	20.6
5 1	14 54.34	−10 57.1	1.423	2.427	2.7	20.3
5 11	14 45.54	− 9 55.5	1.403	2.404	4.3	20.3
5 21	14 37.18	− 9 1.6	1.409	2.381	8.8	20.5
5 31	14 30.35	− 8 21.2	1.439	2.359	13.3	20.7
6 10	14 25.85	− 7 58.1	1.488	2.337	17.2	20.9

200465 2000 WT_{140} 5 5.4 179°.25 0°.3/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 8.53	−19 16.0	4.160	4.980	7.2	21.8
4 11	15 4.20	−18 59.7	4.072	4.981	5.4	21.7
4 21	14 58.95	−18 38.6	4.010	4.981	3.3	21.5
5 1	14 53.13	−18 13.6	3.978	4.982	1.1	21.4
5 11	14 47.15	−17 46.4	3.976	4.982	1.2	21.4
5 21	14 41.41	−17 18.8	4.004	4.981	3.4	21.5
5 31	14 36.30	−16 52.8	4.061	4.981	5.4	21.7
6 10	14 32.12	−16 30.1	4.144	4.980	7.3	21.8

478019 2011 SS_{197} 5 5.4 271°.85 1°.1/ 6.3 16

4 1	15 13.60	−21 1.8	2.181	3.014	12.4	22.2
4 11	15 8.85	−20 52.8	2.091	3.005	9.4	22.0
4 21	15 2.17	−20 33.7	2.025	2.996	6.0	21.8
5 1	14 54.19	−20 5.8	1.985	2.987	2.4	21.5
5 11	14 45.77	−19 31.5	1.973	2.979	2.2	21.5
5 21	14 37.79	−18 54.5	1.989	2.970	5.9	21.7
5 31	14 31.07	−18 19.3	2.031	2.961	9.4	21.9
6 10	14 26.23	−17 50.0	2.096	2.952	12.6	22.1

249225 2008 FJ_{69} 5 5.4 226°.99 0°.7/ 4.4 18

4 1	15 6.00	−13 12.9	4.608	5.443	6.3	20.7
4 11	15 2.27	−12 59.2	4.521	5.440	4.6	20.6
4 21	14 57.76	−12 43.6	4.460	5.437	2.8	20.4
5 1	14 52.76	−12 27.1	4.429	5.433	1.0	20.3
5 11	14 47.62	−12 11.2	4.428	5.430	1.5	20.3
5 21	14 42.66	−11 57.2	4.457	5.427	3.4	20.4
5 31	14 38.23	−11 46.6	4.514	5.423	5.2	20.6
6 10	14 34.58	−11 40.3	4.597	5.419	6.8	20.7

470948 2009 KW_{12} 5 5.4 204°.62 2°.3/ 3.6 17

4 1	15 13.99	− 9 7.4	2.514	3.359	10.5	21.4
4 11	15 8.74	− 8 52.7	2.434	3.356	7.8	21.2
4 21	15 1.92	− 8 37.1	2.379	3.354	4.9	21.0
5 1	14 54.08	− 8 23.0	2.352	3.352	2.5	20.9
5 11	14 45.94	− 8 13.0	2.353	3.349	3.5	20.9
5 21	14 38.20	− 8 9.4	2.384	3.346	6.4	21.1
5 31	14 31.53	− 8 13.9	2.441	3.343	9.3	21.3
6 10	14 26.42	− 8 27.5	2.521	3.340	11.9	21.4

19188 Dittebesard 5 5.4 179°.40 3°.4/ 8.5 18

4 1	15 16.15	−29 28.8	2.380	3.174	12.7	18.5
4 11	15 10.59	−29 14.9	2.292	3.176	10.1	18.4
4 21	15 3.14	−28 45.6	2.228	3.177	7.1	18.2
5 1	14 54.47	−28 1.0	2.190	3.177	4.3	18.0
5 11	14 45.47	−27 3.4	2.180	3.177	3.5	17.9
5 21	14 37.02	−25 57.2	2.199	3.176	5.7	18.1
5 31	14 29.91	−24 48.0	2.245	3.175	8.7	18.3
6 10	14 24.71	−23 41.5	2.316	3.173	11.5	18.4

72133 2000 YB_{77} 5 5.4 292°.91 5°.2/ 2.7 18

4 1	15 16.50	− 6 15.5	1.425	2.293	15.7	19.0
4 11	15 11.79	− 5 38.2	1.346	2.279	12.0	18.8
4 21	15 4.34	− 5 0.7	1.289	2.266	8.0	18.5
5 1	14 54.94	− 4 29.1	1.256	2.252	5.3	18.3
5 11	14 44.83	− 4 9.4	1.248	2.238	6.8	18.3
5 21	14 35.31	− 4 6.3	1.264	2.225	10.9	18.5
5 31	14 27.61	− 4 22.3	1.303	2.212	15.2	18.7
6 10	14 22.56	− 4 57.5	1.360	2.198	19.1	18.9

409215 2003 WA_{91} 5 5.4 190°.50 1°.4/ 4.4 16

4 1	15 17.97	−14 15.6	2.022	2.864	12.8	22.7
4 11	15 12.07	−13 46.3	1.941	2.863	9.6	22.5
4 21	15 4.11	−13 10.6	1.884	2.861	5.8	22.2
5 1	14 54.80	−12 31.4	1.854	2.858	2.0	22.0
5 11	14 45.07	−11 52.6	1.853	2.855	3.1	22.0
5 21	14 35.90	−11 18.6	1.880	2.851	7.1	22.3
5 31	14 28.16	−10 53.1	1.933	2.846	10.8	22.5
6 10	14 22.46	−10 38.9	2.009	2.841	14.0	22.7

308458 2005 SJ_{273} 5 5.4 311°.30 0°.4/ 5.7 16

4 1	15 11.87	−19 26.9	2.131	2.972	12.3	20.9
4 11	15 7.56	−19 5.2	2.044	2.963	9.3	20.7
4 21	15 1.38	−18 33.9	1.980	2.955	5.8	20.5
5 1	14 53.96	−17 54.9	1.943	2.948	1.9	20.2
5 11	14 46.13	−17 11.4	1.934	2.940	2.1	20.2
5 21	14 38.76	−16 27.6	1.952	2.932	6.0	20.5
5 31	14 32.63	−15 48.2	1.996	2.925	9.6	20.7
6 10	14 28.35	−15 16.8	2.063	2.918	12.8	20.9

336164 2008 RE_{23} 5 5.4 243°.53 3°.5/ 8.0 18

4 1	15 17.42	−28 2.1	2.319	3.118	12.8	21.9
4 11	15 11.80	−28 11.8	2.215	3.102	10.2	21.6
4 21	15 4.06	−28 8.0	2.134	3.085	7.3	21.4
5 1	14 54.83	−27 49.7	2.079	3.068	4.5	21.2
5 11	14 45.00	−27 18.0	2.053	3.050	3.7	21.1
5 21	14 35.54	−26 35.9	2.054	3.031	6.1	21.2
5 31	14 27.38	−25 48.2	2.083	3.012	9.3	21.4
6 10	14 21.22	−25 0.7	2.136	2.992	12.4	21.6

298294 2003 BX_{11} 5 5.4 102°.84 7°.4/11.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 17.72	−39 50.6	2.328	3.070	14.4	20.5
4 11	15 12.17	−40 29.6	2.246	3.074	12.3	20.3
4 21	15 4.31	−40 49.3	2.184	3.078	10.1	20.2
5 1	14 54.89	−40 46.8	2.145	3.082	8.3	20.1
5 11	14 44.97	−40 21.6	2.132	3.086	7.4	20.0
5 21	14 35.64	−39 36.6	2.145	3.090	8.1	20.1
5 31	14 27.89	−38 37.0	2.183	3.093	9.8	20.2
6 10	14 22.43	−37 30.1	2.244	3.097	12.0	20.3

138580 2000 QC_{132} 5 5.4 190°.72 5°.8/11.4 18

4 1	15 17.65	−39 38.0	3.134	3.857	11.4	20.2
4 11	15 11.57	−40 3.7	3.038	3.855	9.7	20.1
4 21	15 3.72	−40 14.1	2.964	3.853	8.0	20.0
5 1	14 54.68	−40 7.4	2.916	3.850	6.5	19.8
5 11	14 45.24	−39 43.5	2.895	3.847	5.8	19.8
5 21	14 36.21	−39 4.3	2.901	3.843	6.4	19.8
5 31	14 28.35	−38 13.7	2.935	3.839	7.9	19.9
6 10	14 22.21	−37 16.7	2.994	3.834	9.7	20.0

17365 1978 VF_{11} 5 5.4 221°.80 1°.1/ 7.2 18 A

4 1	15 5.63	−24 8.0	4.793	5.598	6.5	18.0
4 11	15 2.02	−23 51.9	4.699	5.595	5.0	17.9
4 21	14 57.63	−23 29.9	4.631	5.592	3.3	17.8
5 1	14 52.74	−23 2.8	4.591	5.588	1.6	17.7
5 11	14 47.71	−22 31.8	4.582	5.585	1.3	17.6
5 21	14 42.88	−21 58.6	4.602	5.581	2.9	17.7
5 31	14 38.59	−21 25.2	4.651	5.578	4.6	17.9
6 10	14 35.10	−20 53.3	4.727	5.574	6.2	18.0

111687 2002 CA 5 5.4 147°.97 5°.0/ 7.9 18

4 1	15 24.72	−28 11.2	2.035	2.829	14.5	18.9
4 11	15 17.49	−29 16.5	1.954	2.834	11.7	18.7
4 21	15 7.65	−30 9.4	1.896	2.840	8.5	18.5
5 1	14 55.97	−30 46.4	1.865	2.845	5.8	18.4
5 11	14 43.59	−31 6.2	1.862	2.850	5.2	18.4
5 21	14 31.75	−31 10.2	1.887	2.855	7.3	18.5
5 31	14 21.62	−31 2.7	1.938	2.859	10.4	18.7
6 10	14 13.99	−30 49.6	2.013	2.862	13.3	18.9

255587 Gardenia 5 5.4 182°.69 2°.8/ 2.9 15

4 1	15 16.86	− 9 28.6	2.507	3.346	10.8	23.0
4 11	15 10.82	− 8 40.9	2.427	3.347	8.0	22.8
4 21	15 3.16	− 7 50.5	2.374	3.348	5.1	22.6
5 1	14 54.49	− 7 1.0	2.349	3.347	2.9	22.5
5 11	14 45.53	− 6 16.3	2.355	3.346	4.0	22.5
5 21	14 37.04	− 5 39.9	2.389	3.343	6.9	22.7
5 31	14 29.69	− 5 14.6	2.450	3.339	9.8	22.9
6 10	14 23.98	− 5 1.8	2.535	3.335	12.3	23.1

452814 2006 PE_{23} 5 5.4 231°.86 0°.0/ 5.4 17

4 1	15 8.72	−17 42.1	4.349	5.171	6.9	23.0
4 11	15 4.36	−17 27.7	4.246	5.157	5.1	22.8
4 21	14 59.08	−17 9.2	4.169	5.142	3.1	22.7
5 1	14 53.20	−16 47.5	4.122	5.127	1.0	22.5
5 11	14 47.13	−16 24.2	4.106	5.111	1.2	22.5
5 21	14 41.24	−16 0.8	4.120	5.095	3.4	22.6
5 31	14 35.93	−15 39.3	4.163	5.079	5.4	22.8
6 10	14 31.49	−15 21.2	4.232	5.062	7.2	22.9

83684 2001 TX_{51} 5 5.4 74°.42 1°.4/ 6.3 18

4 1	15 17.62	−19 58.9	2.127	2.956	12.8	19.0
4 11	15 11.74	−20 22.0	2.057	2.968	9.7	18.9
4 21	15 3.88	−20 37.3	2.011	2.981	6.2	18.7
5 1	14 54.74	−20 44.8	1.992	2.993	2.5	18.5
5 11	14 45.25	−20 45.7	2.001	3.006	2.3	18.5
5 21	14 36.35	−20 42.6	2.039	3.019	5.8	18.7
5 31	14 28.87	−20 38.5	2.103	3.031	9.3	18.9
6 10	14 23.39	−20 36.9	2.190	3.044	12.2	19.2

497198 2004 TU_{186} 5 5.4 204°.22 1°.7/ 6.7 17

4 1	15 16.97	−22 32.8	2.339	3.158	12.1	22.3
4 11	15 11.25	−22 31.8	2.249	3.153	9.3	22.1
4 21	15 3.61	−22 20.6	2.182	3.148	6.1	21.9
5 1	14 54.68	−21 59.6	2.142	3.142	2.7	21.6
5 11	14 45.32	−21 30.8	2.131	3.136	2.3	21.6
5 21	14 36.40	−20 57.5	2.149	3.129	5.6	21.8
5 31	14 28.75	−20 23.9	2.195	3.122	9.0	22.0
6 10	14 22.96	−19 54.1	2.264	3.114	12.0	22.2

379839 2011 QQ_{42} 5 5.4 257°.11 0°.1/ 5.7 18

4 1	15 5.30	−18 47.7	4.651	5.476	6.4	21.5
4 11	15 1.80	−18 25.2	4.557	5.469	4.8	21.4
4 21	14 57.51	−17 58.2	4.489	5.461	2.9	21.2
5 1	14 52.73	−17 28.0	4.450	5.454	1.0	21.1
5 11	14 47.80	−16 56.2	4.441	5.447	1.1	21.1
5 21	14 43.07	−16 24.4	4.462	5.439	3.1	21.2
5 31	14 38.86	−15 54.5	4.512	5.432	4.9	21.4
6 10	14 35.43	−15 28.0	4.588	5.424	6.6	21.5

212791 2007 TN_{232} 5 5.4 122°.75 0°.1/ 5.3 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 14.25	−17 19.9	2.365	3.201	11.4	21.1
4 11	15 9.00	−17 1.7	2.293	3.211	8.5	20.9
4 21	15 2.11	−16 36.6	2.245	3.221	5.2	20.7
5 1	14 54.18	−16 6.7	2.226	3.230	1.6	20.5
5 11	14 46.00	−15 34.7	2.235	3.240	2.1	20.5
5 21	14 38.35	−15 4.1	2.272	3.249	5.6	20.8
5 31	14 31.90	−14 38.2	2.336	3.258	8.8	21.0
6 10	14 27.14	−14 19.7	2.425	3.266	11.6	21.2

429862 2012 SO_6 5 5.4 311°.15 5°.1/13.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 10.11	−44 46.9	4.437	5.118	8.8	20.3
4 11	15 5.61	−44 59.8	4.341	5.116	7.7	20.2
4 21	14 59.93	−45 0.1	4.267	5.115	6.6	20.1
5 1	14 53.50	−44 46.9	4.216	5.114	5.7	20.0
5 11	14 46.84	−44 20.3	4.192	5.112	5.1	20.0
5 21	14 40.50	−43 41.9	4.194	5.111	5.3	20.0
5 31	14 34.96	−42 53.9	4.223	5.109	6.1	20.0
6 10	14 30.61	−41 59.8	4.277	5.108	7.1	20.1

167844 2005 CC_{68} 5 5.4 81°.48 9°.7/26.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 12.39	+ 8 40.0	1.955	2.797	13.2	19.9
4 11	15 7.79	+10 23.0	1.912	2.806	11.2	19.7
4 21	15 1.41	+11 53.8	1.892	2.815	9.9	19.7
5 1	14 53.97	+13 4.7	1.898	2.824	9.8	19.7
5 11	14 46.32	+13 50.1	1.928	2.833	11.0	19.8
5 21	14 39.30	+14 7.8	1.981	2.842	12.9	19.9
5 31	14 33.63	+13 58.3	2.054	2.851	14.9	20.1
6 10	14 29.80	+13 24.6	2.144	2.860	16.7	20.2

501229 2013 VO_1 5 5.4 235°.13 2°.9/ 3.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.91	− 9 34.4	2.268	3.113	11.5	21.9
4 11	15 10.44	− 8 53.1	2.175	3.098	8.6	21.6
4 21	15 3.12	− 8 8.6	2.107	3.082	5.5	21.4
5 1	14 54.55	− 7 24.5	2.066	3.065	3.0	21.2
5 11	14 45.51	− 6 44.9	2.054	3.047	4.2	21.3
5 21	14 36.86	− 6 13.7	2.071	3.029	7.5	21.4
5 31	14 29.37	− 5 54.1	2.113	3.010	10.8	21.6
6 10	14 23.65	− 5 47.7	2.178	2.990	13.7	21.8

299284 2005 OK_{27} 5 5.4 193°.63 6°.7/28.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 11.99	+ 7 31.5	2.851	3.679	9.9	20.5
4 11	15 7.06	+ 8 30.1	2.787	3.677	8.3	20.4
4 21	15 0.83	+ 9 20.9	2.749	3.675	7.0	20.3
5 1	14 53.78	+ 9 59.3	2.737	3.672	6.8	20.3
5 11	14 46.53	+10 22.0	2.753	3.669	7.7	20.4
5 21	14 39.65	+10 27.3	2.794	3.666	9.2	20.5
5 31	14 33.70	+10 14.9	2.858	3.662	11.0	20.6
6 10	14 29.08	+ 9 46.0	2.943	3.658	12.6	20.7

501058 2013 SH_{20} 5 5.4 200°.41 7°.0/10.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 22.83	−38 47.1	2.522	3.256	13.6	22.5
4 11	15 15.95	−39 33.3	2.426	3.252	11.6	22.3
4 21	15 6.68	−40 2.4	2.352	3.247	9.5	22.1
5 1	14 55.70	−40 10.9	2.302	3.241	7.7	22.0
5 11	14 44.05	−39 57.6	2.280	3.234	7.0	22.0
5 21	14 32.86	−39 24.3	2.284	3.226	7.8	22.0
5 31	14 23.18	−38 35.7	2.315	3.218	9.7	22.1
6 10	14 15.76	−37 38.6	2.370	3.209	11.9	22.2

499711 2011 AJ_{56} 5 5.4 49°.35 3°.8/ 7.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.30	−26 46.2	1.587	2.416	16.4	21.1
4 11	15 11.46	−26 53.6	1.519	2.424	12.8	20.9
4 21	15 4.01	−26 43.5	1.471	2.433	8.9	20.7
5 1	14 54.84	−26 15.6	1.447	2.441	5.0	20.5
5 11	14 45.22	−25 32.8	1.449	2.450	4.1	20.4
5 21	14 36.41	−24 40.4	1.477	2.459	7.3	20.6
5 31	14 29.52	−23 45.8	1.529	2.469	11.2	20.9
6 10	14 25.23	−22 55.9	1.602	2.478	14.8	21.1

99787 2002 JM_{146} 5 5.4 337°.98 4°.1/ 7.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.32	−27 6.9	1.318	2.161	18.3	19.4
4 11	15 10.60	−27 7.5	1.241	2.155	14.5	19.2
4 21	15 3.81	−26 46.7	1.184	2.149	10.0	18.9
5 1	14 54.85	−26 3.6	1.148	2.144	5.6	18.6
5 11	14 45.16	−25 1.7	1.137	2.139	4.5	18.5
5 21	14 36.27	−23 48.3	1.149	2.135	8.4	18.7
5 31	14 29.54	−22 33.0	1.185	2.132	13.1	19.0
6 10	14 25.83	−21 25.5	1.240	2.129	17.3	19.2

91562 1999 RM_{231} 5 5.4 98°.96 1°.2/ 6.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 19.35	−19 23.5	1.938	2.770	13.7	18.5
4 11	15 13.19	−19 43.0	1.869	2.783	10.4	18.3
4 21	15 4.84	−19 54.2	1.824	2.795	6.5	18.1
5 1	14 55.07	−19 57.5	1.805	2.807	2.5	17.9
5 11	14 44.93	−19 54.3	1.814	2.819	2.4	17.9
5 21	14 35.45	−19 47.4	1.851	2.831	6.3	18.2
5 31	14 27.56	−19 40.6	1.914	2.843	10.0	18.4
6 10	14 21.88	−19 37.4	2.001	2.854	13.2	18.7

122831 2000 ST_{112} 5 5.4 200°.93 3°.8/ 7.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 20.34	−26 14.2	2.054	2.862	13.9	20.0
4 11	15 14.16	−26 52.3	1.967	2.860	11.0	19.8
4 21	15 5.60	−27 18.6	1.903	2.857	7.7	19.6
5 1	14 55.36	−27 31.2	1.865	2.855	4.7	19.4
5 11	14 44.50	−27 30.1	1.855	2.852	4.1	19.4
5 21	14 34.14	−27 17.7	1.873	2.848	6.7	19.5
5 31	14 25.31	−26 58.2	1.917	2.845	10.0	19.7
6 10	14 18.76	−26 37.2	1.984	2.841	13.2	19.9

415045 2011 YQ_{66} 5 5.4 249°.54 5°.2/ 8.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 20.01	−28 57.6	1.668	2.480	16.4	21.3
4 11	15 14.55	−29 27.4	1.576	2.469	13.3	21.0
4 21	15 6.16	−29 40.1	1.505	2.457	9.6	20.8
5 1	14 55.60	−29 33.0	1.458	2.444	6.3	20.5
5 11	14 44.17	−29 6.1	1.437	2.432	5.3	20.5
5 21	14 33.28	−28 23.1	1.442	2.419	8.1	20.6
5 31	14 24.29	−27 31.0	1.471	2.406	12.0	20.8
6 10	14 18.11	−26 38.3	1.522	2.392	15.8	21.0

79338 1996 TG_{22} 5 5.4 272°.78 3°.9/ 7.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 17.98	−27 8.6	2.280	3.083	12.9	19.2
4 11	15 12.36	−27 43.8	2.175	3.064	10.3	19.0
4 21	15 4.52	−28 7.9	2.093	3.044	7.4	18.8
5 1	14 55.05	−28 19.0	2.038	3.025	4.7	18.6
5 11	14 44.86	−28 17.2	2.010	3.005	4.1	18.5
5 21	14 34.95	−28 4.0	2.010	2.985	6.4	18.6
5 31	14 26.32	−27 43.4	2.037	2.965	9.6	18.7
6 10	14 19.72	−27 20.4	2.088	2.944	12.6	18.9

381547 2008 TC_{28} 5 5.4 223°.48 0°.3/ 5.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.19	−19 17.0	2.185	3.019	12.3	21.8
4 11	15 10.01	−18 54.2	2.095	3.011	9.3	21.6
4 21	15 2.89	−18 21.8	2.029	3.003	5.8	21.4
5 1	14 54.49	−17 41.5	1.990	2.994	1.9	21.1
5 11	14 45.65	−16 56.7	1.979	2.985	2.2	21.1
5 21	14 37.27	−16 11.5	1.997	2.975	6.1	21.3
5 31	14 30.17	−15 30.5	2.041	2.965	9.7	21.5
6 10	14 24.96	−14 57.7	2.108	2.955	12.9	21.7

416227 2003 AX_7 5 5.4 35°.72 8°.5/10.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 17.27	−35 38.0	1.322	2.130	20.2	19.0
4 11	15 12.83	−36 22.4	1.268	2.146	16.8	18.8
4 21	15 5.09	−36 39.4	1.231	2.164	13.1	18.6
5 1	14 55.21	−36 25.2	1.215	2.183	9.9	18.5
5 11	14 44.85	−35 41.1	1.222	2.202	8.5	18.4
5 21	14 35.66	−34 33.7	1.252	2.222	9.9	18.6
5 31	14 28.98	−33 13.5	1.304	2.243	12.8	18.8
6 10	14 25.53	−31 51.8	1.377	2.265	16.0	19.0

230293 2001 YS_{66} 5 5.4 156°.12 0°.5/ 4.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.48	−14 52.0	3.801	4.632	7.6	21.5
4 11	15 4.97	−14 36.9	3.721	4.638	5.6	21.3
4 21	14 59.48	−14 18.5	3.668	4.643	3.4	21.2
5 1	14 53.38	−13 58.2	3.643	4.648	1.1	21.0
5 11	14 47.12	−13 37.9	3.649	4.653	1.6	21.1
5 21	14 41.13	−13 19.1	3.685	4.657	3.9	21.2
5 31	14 35.83	−13 3.9	3.750	4.662	6.1	21.4
6 10	14 31.53	−12 53.5	3.839	4.666	8.0	21.5

463175 2012 BE_{82} 5 5.4 128°.99 4°.9/ 2.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 17.27	− 6 21.6	1.605	2.466	14.7	21.6
4 11	15 11.84	− 5 33.6	1.543	2.472	11.0	21.4
4 21	15 4.10	− 4 45.7	1.504	2.478	7.3	21.2
5 1	14 54.87	− 4 3.6	1.489	2.483	4.9	21.1
5 11	14 45.29	− 3 33.0	1.502	2.489	6.3	21.1
5 21	14 36.46	− 3 17.9	1.539	2.494	9.9	21.4
5 31	14 29.35	− 3 20.5	1.601	2.499	13.5	21.6
6 10	14 24.58	− 3 40.7	1.682	2.503	16.7	21.8

415444 2013 SV_{85} 5 5.4 155°.44 1°.0/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.85	−11 35.7	4.583	5.421	6.3	20.9
4 11	15 2.18	−11 17.5	4.502	5.423	4.6	20.7
4 21	14 57.75	−10 57.9	4.448	5.425	2.8	20.6
5 1	14 52.84	−10 38.1	4.424	5.426	1.2	20.5
5 11	14 47.81	−10 19.7	4.429	5.428	1.8	20.5
5 21	14 42.97	−10 4.1	4.464	5.429	3.6	20.7
5 31	14 38.66	− 9 52.6	4.527	5.431	5.3	20.8
6 10	14 35.13	− 9 46.1	4.615	5.432	6.9	20.9

483966 2006 BT_{214} 5 5.4 39°.43 19°.3/16.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 27.34	−50 2.6	1.088	1.833	27.3	20.6
4 11	15 23.11	−52 28.6	1.033	1.838	25.0	20.4
4 21	15 13.01	−54 17.5	0.990	1.843	22.7	20.3
5 1	14 58.06	−55 13.9	0.962	1.848	20.7	20.2
5 11	14 41.12	−55 8.4	0.949	1.854	19.5	20.1
5 21	14 25.76	−54 2.3	0.953	1.860	19.4	20.1
5 31	14 15.01	−52 9.2	0.973	1.867	20.5	20.2
6 10	14 10.23	−49 49.7	1.009	1.874	22.3	20.4

240289 2003 EM_{28} 5 5.4 344.°70 7.°1/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 12.47	− 5 21.7	1.108	1.996	17.7	19.6
4 11	15 9.21	− 4 9.9	1.047	1.989	13.6	19.3
4 21	15 2.94	− 2 57.5	1.005	1.983	9.4	19.0
5 1	14 54.59	− 1 54.3	0.985	1.978	7.2	18.9
5 11	14 45.61	− 1 9.9	0.988	1.973	9.1	19.0
5 21	14 37.48	− 0 50.9	1.012	1.970	13.3	19.2
5 31	14 31.48	− 1 0.0	1.055	1.967	17.7	19.4
6 10	14 28.44	− 1 35.8	1.115	1.966	21.6	19.7

296398 2009 FU_{72} 5 5.4 323.°54 3.°0/ 3.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.97	−12 29.4	1.453	2.320	15.6	20.4
4 11	15 10.48	−11 36.5	1.383	2.318	11.6	20.1
4 21	15 3.45	−10 36.0	1.336	2.316	7.1	19.9
5 1	14 54.71	− 9 33.6	1.312	2.315	3.3	19.6
5 11	14 45.48	− 8 36.1	1.315	2.314	4.9	19.7
5 21	14 37.00	− 7 50.1	1.342	2.312	9.4	20.0
5 31	14 30.33	− 7 20.5	1.393	2.311	13.7	20.2
6 10	14 26.19	− 7 9.8	1.463	2.310	17.5	20.5

310075 2010 KY_{102} 5 5.4 270.°42 2.°0/ 3.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 11.50	−12 18.3	2.385	3.234	10.9	20.9
4 11	15 7.08	−11 37.7	2.297	3.222	8.1	20.7
4 21	15 1.04	−10 52.3	2.233	3.210	5.0	20.5
5 1	14 53.92	−10 5.3	2.196	3.198	2.2	20.3
5 11	14 46.44	− 9 20.7	2.188	3.186	3.3	20.3
5 21	14 39.35	− 8 42.3	2.208	3.174	6.5	20.5
5 31	14 33.31	− 8 13.3	2.254	3.162	9.7	20.7
6 10	14 28.87	− 7 56.0	2.323	3.149	12.5	20.9

37771 1997 GQ_{22} 5 5.4 253.°66 0.°6/ 4.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 11.15	−17 19.7	2.595	3.433	10.5	18.8
4 11	15 6.72	−16 32.6	2.501	3.421	7.8	18.6
4 21	15 0.77	−15 37.3	2.432	3.409	4.7	18.4
5 1	14 53.83	−14 36.4	2.392	3.397	1.5	18.1
5 11	14 46.57	−13 33.8	2.380	3.384	2.2	18.2
5 21	14 39.68	−12 33.6	2.398	3.372	5.6	18.4
5 31	14 33.80	−11 40.1	2.443	3.359	8.7	18.6
6 10	14 29.41	−10 56.4	2.512	3.346	11.5	18.7

492478 2014 NB_{39} 5 5.4 203.°97 1.°0/ 4.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 30.43	−18 2.1	2.006	2.818	14.1	24.3
4 11	15 21.52	−16 55.3	1.905	2.811	10.6	24.0
4 21	15 10.03	−15 34.2	1.829	2.801	6.5	23.7
5 1	14 56.77	−14 2.2	1.784	2.789	2.1	23.4
5 11	14 42.91	−12 25.4	1.772	2.774	3.2	23.5
5 21	14 29.71	−10 51.5	1.791	2.756	7.8	23.7
5 31	14 18.26	− 9 28.1	1.840	2.736	12.1	23.9
6 10	14 9.32	− 8 20.9	1.913	2.714	15.7	24.1

438348 2006 RK_{110} 5 5.4 297.°90 0.°0/ 5.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.18	−18 1.7	2.051	2.894	12.6	21.3
4 11	15 8.64	−17 46.1	1.963	2.885	9.5	21.1
4 21	15 2.14	−17 21.9	1.899	2.876	5.9	20.9
5 1	14 54.29	−16 51.1	1.862	2.866	1.9	20.6
5 11	14 45.99	−16 16.8	1.852	2.857	2.3	20.6
5 21	14 38.14	−15 42.9	1.869	2.848	6.3	20.8
5 31	14 31.59	−15 13.7	1.912	2.840	10.1	21.0
6 10	14 26.97	−14 52.8	1.978	2.831	13.3	21.2

159309 2006 BO_{100} 5 5.4 127.°17 1.°3/ 4.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.29	−14 33.6	2.012	2.859	12.7	20.9
4 11	15 10.03	−14 1.2	1.943	2.867	9.4	20.7
4 21	15 2.85	−13 22.6	1.897	2.875	5.7	20.4
5 1	14 54.48	−12 40.8	1.879	2.883	2.0	20.2
5 11	14 45.82	−12 0.1	1.889	2.891	3.0	20.3
5 21	14 37.77	−11 24.5	1.926	2.899	6.8	20.5
5 31	14 31.12	−10 57.7	1.989	2.906	10.3	20.8
6 10	14 26.42	−10 42.3	2.075	2.913	13.4	21.0

432885 2011 LA_{7} 5 5.4 309.°77 2.°5/ 3.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.11	−11 8.7	1.821	2.679	13.3	21.4
4 11	15 9.45	−10 41.1	1.743	2.673	9.9	21.2
4 21	15 2.67	−10 9.7	1.688	2.667	6.1	20.9
5 1	14 54.46	− 9 38.1	1.659	2.661	2.8	20.7
5 11	14 45.80	− 9 10.7	1.657	2.656	4.1	20.8
5 21	14 37.67	− 8 51.4	1.681	2.650	7.9	21.0
5 31	14 30.99	− 8 43.3	1.730	2.645	11.7	21.2
6 10	14 26.39	− 8 48.4	1.800	2.640	15.0	21.4

193293 2000 SO_{239} 5 5.4 150.°75 0.°3/ 5.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.36	−18 45.1	3.944	4.766	7.5	21.6
4 11	15 4.87	−18 31.8	3.863	4.773	5.6	21.5
4 21	14 59.42	−18 13.8	3.809	4.780	3.4	21.3
5 1	14 53.37	−17 52.2	3.783	4.787	1.2	21.2
5 11	14 47.18	−17 28.4	3.788	4.794	1.3	21.2
5 21	14 41.25	−17 4.5	3.823	4.800	3.5	21.4
5 31	14 36.00	−16 42.2	3.886	4.806	5.7	21.5
6 10	14 31.75	−16 23.5	3.975	4.812	7.6	21.7

287643 2003 JP_{16} 5 5.4 341.°77 14.°2/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 16.80	+23 35.7	1.877	2.661	15.9	18.9
4 11	15 11.33	+24 31.5	1.826	2.651	14.9	18.8
4 21	15 3.72	+25 2.7	1.794	2.641	14.3	18.7
5 1	14 54.76	+25 1.7	1.783	2.632	14.4	18.7
5 11	14 45.49	+24 24.9	1.792	2.624	15.2	18.7
5 21	14 36.95	+23 12.4	1.820	2.617	16.5	18.8
5 31	14 30.01	+21 28.0	1.867	2.610	18.0	18.9
6 10	14 25.25	+19 18.0	1.931	2.604	19.5	19.0

324413 2006 SH_{242} 5 5.4 21.°42 0.°8/ 5.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.17	−15 47.5	1.262	2.132	17.2	20.5
4 11	15 10.95	−15 36.2	1.202	2.137	12.9	20.2
4 21	15 3.86	−15 15.7	1.161	2.142	7.8	19.9
5 1	14 54.86	−14 49.3	1.143	2.149	2.4	19.6
5 11	14 45.36	−14 21.7	1.150	2.156	3.4	19.7
5 21	14 36.75	−13 58.4	1.181	2.163	8.7	20.0
5 31	14 30.24	−13 44.5	1.234	2.171	13.5	20.3
6 10	14 26.58	−13 43.3	1.306	2.180	17.6	20.6

57439 2001 SJ_{53} 5 5.4 142.°07 2.°3/ 3.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.52	−12 29.3	1.837	2.690	13.4	19.4
4 11	15 10.37	−11 48.7	1.767	2.695	10.0	19.2
4 21	15 3.15	−11 2.8	1.721	2.699	6.1	19.0
5 1	14 54.59	−10 15.5	1.701	2.704	2.6	18.8
5 11	14 45.70	− 9 31.7	1.708	2.708	3.9	18.9
5 21	14 37.45	− 8 56.1	1.743	2.711	7.8	19.1
5 31	14 30.70	− 8 32.3	1.802	2.715	11.5	19.4
6 10	14 26.04	− 8 22.4	1.883	2.718	14.7	19.6

227502 2005 XQ_{83} 5 5.4 28.°93 3.°6/ 3.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.76	− 7 54.9	1.630	2.491	14.5	19.9
4 11	15 11.53	− 7 39.2	1.564	2.494	10.9	19.6
4 21	15 3.97	− 7 23.5	1.519	2.497	6.9	19.4
5 1	14 54.87	− 7 11.8	1.500	2.500	3.8	19.2
5 11	14 45.36	− 7 7.9	1.508	2.503	5.0	19.3
5 21	14 36.54	− 7 14.6	1.541	2.507	8.8	19.5
5 31	14 29.39	− 7 33.7	1.599	2.511	12.7	19.8
6 10	14 24.56	− 8 5.7	1.677	2.515	16.0	20.0

173905 2001 UZ_{205} 5 5.4 106.°88 0.°9/ 6.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.89	−19 30.9	2.330	3.158	11.8	20.5
4 11	15 10.35	−19 38.9	2.255	3.167	8.9	20.3
4 21	15 3.02	−19 39.4	2.205	3.176	5.6	20.1
5 1	14 54.55	−19 33.1	2.182	3.185	2.1	19.9
5 11	14 45.77	−19 21.9	2.188	3.193	2.0	19.9
5 21	14 37.49	−19 8.3	2.222	3.202	5.5	20.1
5 31	14 30.46	−18 55.6	2.283	3.210	8.7	20.3
6 10	14 25.23	−18 46.7	2.368	3.218	11.6	20.5

474958 2005 TU_{34} 5 5.4 269.°71 1.°0/ 4.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 12.86	−14 37.8	2.404	3.247	11.0	22.2
4 11	15 8.16	−14 13.8	2.308	3.230	8.2	21.9
4 21	15 1.75	−13 44.3	2.236	3.213	5.0	21.7
5 1	14 54.18	−13 11.3	2.192	3.196	1.7	21.4
5 11	14 46.19	−12 38.0	2.176	3.179	2.6	21.5
5 21	14 38.53	−12 7.9	2.189	3.161	6.1	21.7
5 31	14 31.94	−11 44.3	2.228	3.144	9.4	21.8
6 10	14 26.98	−11 29.7	2.290	3.126	12.4	22.0

82785 2001 QL_{21} 5 5.5 263.°43 0.°9/ 4.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.14	−15 34.7	2.218	3.062	11.8	19.4
4 11	15 8.47	−15 6.8	2.128	3.051	8.8	19.2
4 21	15 1.97	−14 32.0	2.062	3.039	5.3	18.9
5 1	14 54.26	−13 52.8	2.023	3.028	1.7	18.7
5 11	14 46.12	−13 12.7	2.012	3.016	2.6	18.7
5 21	14 38.39	−12 35.7	2.029	3.004	6.3	18.9
5 31	14 31.85	−12 5.6	2.073	2.992	9.9	19.1
6 10	14 27.07	−11 45.4	2.139	2.980	12.9	19.3

498244 2007 UH_{84} 5 5.5 288.°46 0.°0/ 5.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.75	−18 28.8	1.440	2.297	16.2	21.7
4 11	15 11.53	−18 4.0	1.347	2.275	12.4	21.4
4 21	15 4.42	−17 25.6	1.274	2.253	7.7	21.0
5 1	14 55.14	−16 35.8	1.225	2.230	2.4	20.7
5 11	14 44.94	−15 39.4	1.202	2.208	3.1	20.6
5 21	14 35.22	−14 43.2	1.204	2.186	8.7	20.9
5 31	14 27.33	−13 54.8	1.229	2.163	13.9	21.1
6 10	14 22.21	−13 20.5	1.273	2.141	18.4	21.3

366789 2004 VW_{1} 5 5.5 140.°27 0.°9/ 6.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.87	−22 14.3	2.123	2.951	12.8	20.6
4 11	15 9.70	−21 32.8	2.047	2.959	9.7	20.4
4 21	15 2.65	−20 38.6	1.995	2.967	6.1	20.2
5 1	14 54.44	−19 34.1	1.970	2.974	2.3	20.0
5 11	14 45.96	−18 23.8	1.974	2.980	2.1	20.0
5 21	14 38.10	−17 13.2	2.006	2.986	5.9	20.3
5 31	14 31.63	−16 7.7	2.065	2.992	9.5	20.5
6 10	14 27.07	−15 12.0	2.148	2.998	12.6	20.7

467540 2007 RG_{318} 5 5.5 307.°78 5.°0/ 1.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 10.91	− 9 31.6	1.661	2.530	13.8	20.9
4 11	15 7.44	− 7 51.9	1.563	2.498	10.5	20.6
4 21	15 1.67	− 6 1.9	1.489	2.466	7.0	20.3
5 1	14 54.23	− 4 9.1	1.440	2.435	5.0	20.1
5 11	14 46.10	− 2 22.9	1.419	2.404	7.0	20.2
5 21	14 38.35	− 0 52.4	1.423	2.372	10.9	20.3
5 31	14 32.00	+ 0 15.3	1.449	2.341	15.0	20.5
6 10	14 27.86	+ 0 56.8	1.495	2.311	18.7	20.6

264604 2001 UZ_{92} 5 5.5 202.°84 0.°3/ 5.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.36	−19 27.4	1.813	2.657	14.0	20.6
4 11	15 9.65	−18 32.1	1.734	2.656	10.5	20.4
4 21	15 2.78	−17 23.5	1.678	2.654	6.4	20.1
5 1	14 54.51	−16 5.4	1.648	2.653	2.0	19.8
5 11	14 45.86	−14 43.6	1.646	2.651	2.7	19.9
5 21	14 37.84	−13 25.0	1.671	2.649	7.1	20.2
5 31	14 31.36	−12 16.1	1.722	2.647	11.2	20.4
6 10	14 27.04	−11 21.7	1.795	2.645	14.7	20.6

390859 2004 RC_{276} 5 5.5 253.°13 3.°6/ 1.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 10.92	− 6 34.2	2.524	3.375	10.3	21.3
4 11	15 6.53	− 5 41.1	2.442	3.366	7.7	21.1
4 21	15 0.66	− 4 47.0	2.386	3.358	5.2	20.9
5 1	14 53.83	− 3 56.0	2.357	3.348	3.6	20.8
5 11	14 46.69	− 3 12.1	2.357	3.339	4.8	20.9
5 21	14 39.93	− 2 38.8	2.384	3.330	7.3	21.0
5 31	14 34.16	− 2 18.5	2.437	3.320	10.0	21.2
6 10	14 29.86	− 2 12.2	2.512	3.311	12.5	21.3

376325 2011 GV_{49} 5 5.5 66.°06 1.°0/ 4.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.38	−16 4.6	1.736	2.590	14.1	21.2
4 11	15 9.63	−15 28.5	1.670	2.598	10.4	21.0
4 21	15 2.74	−14 43.8	1.627	2.607	6.3	20.7
5 1	14 54.49	−13 54.1	1.610	2.615	2.0	20.5
5 11	14 45.93	−13 4.4	1.620	2.624	3.0	20.6
5 21	14 38.06	−12 19.9	1.656	2.633	7.3	20.8
5 31	14 31.78	−11 45.2	1.718	2.642	11.2	21.1
6 10	14 27.67	−11 23.5	1.800	2.651	14.6	21.3

334833 2003 SH_{411} 5 5.5 82.°75 1.°4/ 4.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.56	−14 58.8	1.900	2.752	13.1	21.6
4 11	15 8.92	−14 18.3	1.826	2.753	9.7	21.3
4 21	15 2.29	−13 30.2	1.776	2.755	5.9	21.1
5 1	14 54.36	−12 38.2	1.751	2.756	2.0	20.9
5 11	14 46.09	−11 47.0	1.755	2.757	3.2	20.9
5 21	14 38.40	−11 1.6	1.785	2.759	7.2	21.2
5 31	14 32.13	−10 26.3	1.841	2.760	10.9	21.4
6 10	14 27.85	−10 4.0	1.918	2.761	14.1	21.6

33011 Kurtiscarsch 5 5.5 197.°03 6.°2/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.19	+ 0 47.9	2.296	3.142	11.4	19.3
4 11	15 9.02	+ 1 56.3	2.227	3.139	9.0	19.1
4 21	15 2.20	+ 3 0.4	2.182	3.136	7.0	19.0
5 1	14 54.32	+ 3 54.7	2.165	3.132	6.2	18.9
5 11	14 46.15	+ 4 34.4	2.175	3.128	7.4	19.0
5 21	14 38.45	+ 4 56.5	2.211	3.123	9.6	19.1
5 31	14 31.90	+ 4 59.6	2.272	3.118	12.0	19.3
6 10	14 27.02	+ 4 44.5	2.353	3.112	14.3	19.4

376867 2001 TN_{222} 5 5.5 329.°47 1.°5/ 7.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.94	−23 46.8	4.263	5.065	7.4	20.4
4 11	15 5.35	−24 3.8	4.170	5.063	5.7	20.3
4 21	14 59.77	−24 15.4	4.104	5.062	3.8	20.1
5 1	14 53.54	−24 21.4	4.066	5.060	2.1	20.0
5 11	14 47.10	−24 22.6	4.058	5.059	1.7	20.0
5 21	14 40.85	−24 20.2	4.081	5.058	3.3	20.1
5 31	14 35.23	−24 15.6	4.132	5.056	5.2	20.2
6 10	14 30.55	−24 10.7	4.209	5.055	7.0	20.4

357007 1999 TH_{61} 5 5.5 208.°46 3.°0/ 8.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.80	−27 57.1	2.853	3.647	10.8	21.8
4 11	15 9.45	−28 8.5	2.759	3.642	8.6	21.6
4 21	15 2.48	−28 8.9	2.689	3.637	6.1	21.4
5 1	14 54.43	−27 58.1	2.645	3.632	3.8	21.3
5 11	14 46.00	−27 36.9	2.631	3.626	3.2	21.2
5 21	14 37.93	−27 7.8	2.645	3.620	5.0	21.3
5 31	14 30.90	−26 34.2	2.687	3.614	7.6	21.5
6 10	14 25.44	−26 0.1	2.754	3.607	10.0	21.6

375953 2009 WD_{169} 5 5.5 227.°58 1.°3/ 4.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.26	−14 57.7	1.995	2.841	12.8	21.4
4 11	15 10.20	−14 24.4	1.910	2.834	9.5	21.2
4 21	15 3.10	−13 43.8	1.849	2.827	5.8	21.0
5 1	14 54.64	−12 58.9	1.815	2.819	2.0	20.7
5 11	14 45.74	−12 13.9	1.808	2.811	3.1	20.7
5 21	14 37.33	−11 33.3	1.830	2.803	7.0	21.0
5 31	14 30.29	−11 1.5	1.877	2.794	10.8	21.2
6 10	14 25.24	−10 41.6	1.946	2.785	14.1	21.4

427916 2005 UZ_{333} 5 5.5 194.°90 1.°5/ 4.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 16.98	−13 11.3	2.238	3.078	11.8	22.2
4 11	15 11.23	−12 50.3	2.155	3.076	8.8	22.0
4 21	15 3.62	−12 24.8	2.096	3.073	5.4	21.8
5 1	14 54.79	−11 57.1	2.065	3.069	2.0	21.5
5 11	14 45.58	−11 30.6	2.064	3.065	3.0	21.6
5 21	14 36.84	−11 8.4	2.090	3.060	6.5	21.8
5 31	14 29.35	−10 53.7	2.144	3.055	10.0	22.0
6 10	14 23.70	−10 48.7	2.220	3.049	12.9	22.2

312189 2007 VV_{89} 5 5.5 144.°20 0.°9/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 18.89	−15 39.9	1.819	2.662	14.0	21.8
4 11	15 12.92	−15 14.8	1.750	2.672	10.4	21.6
4 21	15 4.73	−14 42.2	1.704	2.681	6.3	21.4
5 1	14 55.14	−14 4.7	1.685	2.690	2.0	21.1
5 11	14 45.21	−13 26.7	1.694	2.698	2.9	21.2
5 21	14 35.99	−12 52.5	1.730	2.705	7.2	21.5
5 31	14 28.41	−12 26.5	1.792	2.712	11.1	21.7
6 10	14 23.06	−12 11.6	1.876	2.718	14.4	22.0

244134 2001 VE_{100} 5 5.5 141.°77 6.°4/ 3.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 28.73	+ 1 41.6	1.766	2.596	15.0	20.5
4 11	15 20.14	+ 1 39.4	1.702	2.607	11.7	20.3
4 21	15 9.09	+ 1 27.2	1.662	2.618	8.5	20.2
5 1	14 56.50	+ 1 1.3	1.649	2.628	6.5	20.1
5 11	14 43.57	+ 0 19.4	1.664	2.638	7.3	20.1
5 21	14 31.53	− 0 38.1	1.708	2.647	10.2	20.3
5 31	14 21.39	− 1 49.5	1.779	2.655	13.5	20.6
6 10	14 13.80	− 3 11.9	1.871	2.662	16.4	20.8

400312 2007 TE_{244} 5 5.5 209.°96 1.°4/ 7.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.36	−24 36.6	3.850	4.654	8.0	21.3
4 11	15 5.01	−24 23.8	3.754	4.649	6.2	21.2
4 21	14 59.59	−24 3.5	3.684	4.643	4.1	21.0
5 1	14 53.51	−23 36.4	3.642	4.638	2.1	20.9
5 11	14 47.21	−23 3.9	3.629	4.632	1.7	20.8
5 21	14 41.18	−22 28.3	3.646	4.625	3.6	21.0
5 31	14 35.84	−21 51.8	3.693	4.619	5.7	21.1
6 10	14 31.56	−21 17.2	3.765	4.612	7.7	21.2

430131 2013 TD_{36} 5 5.5 130.°30 5.°0/30.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.24	− 3 26.5	2.259	3.108	11.4	21.7
4 11	15 8.96	− 2 13.8	2.202	3.122	8.7	21.6
4 21	15 2.10	− 1 3.0	2.171	3.135	6.2	21.4
5 1	14 54.29	+ 0 0.6	2.167	3.148	5.0	21.4
5 11	14 46.30	+ 0 52.1	2.191	3.160	6.2	21.5
5 21	14 38.89	+ 1 28.1	2.243	3.172	8.6	21.7
5 31	14 32.69	+ 1 46.7	2.319	3.183	11.2	21.8
6 10	14 28.16	+ 1 48.3	2.417	3.194	13.5	22.0

500632 2012 UZ_{166} 5 5.5 123.°23 4.°6/ 9.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 17.91	−31 17.3	2.407	3.190	12.9	20.9
4 11	15 12.03	−31 46.4	2.328	3.199	10.4	20.7
4 21	15 4.16	−32 1.3	2.272	3.208	7.8	20.6
5 1	14 54.98	−32 0.6	2.242	3.217	5.4	20.4
5 11	14 45.40	−31 44.7	2.240	3.226	4.7	20.4
5 21	14 36.35	−31 16.5	2.266	3.234	6.2	20.5
5 31	14 28.68	−30 40.2	2.318	3.242	8.7	20.7
6 10	14 22.99	−30 1.3	2.394	3.250	11.2	20.9

502083 2015 AQ_{234} 5 5.5 195.°05 6.°4/10.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 19.11	−36 35.6	2.102	2.867	15.1	21.6
4 11	15 13.36	−36 49.6	2.013	2.865	12.6	21.5
4 21	15 5.17	−36 43.0	1.944	2.863	9.9	21.3
5 1	14 55.33	−36 13.3	1.900	2.860	7.5	21.1
5 11	14 44.97	−35 21.3	1.881	2.857	6.4	21.0
5 21	14 35.25	−34 11.0	1.890	2.854	7.6	21.1
5 31	14 27.24	−32 49.3	1.924	2.850	10.2	21.2
6 10	14 21.64	−31 24.6	1.983	2.845	12.9	21.4

239521 2008 HX_3 5 5.5 325.°31 4.°3/28.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.68	+ 5 24.9	4.280	5.111	6.8	19.9
4 11	15 2.12	+ 6 3.8	4.214	5.110	5.5	19.8
4 21	14 57.77	+ 6 37.9	4.174	5.108	4.6	19.7
5 1	14 52.93	+ 7 4.7	4.162	5.107	4.4	19.7
5 11	14 47.96	+ 7 22.3	4.178	5.105	5.0	19.8
5 21	14 43.20	+ 7 29.6	4.220	5.104	6.1	19.8
5 31	14 39.00	+ 7 26.0	4.288	5.102	7.4	19.9
6 10	14 35.62	+ 7 11.8	4.377	5.101	8.6	20.0

302256 2001 XF_{96} 5 5.5 221.°89 2.°1/ 6.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 18.50	−23 52.2	1.669	2.500	15.6	21.1
4 11	15 13.16	−23 35.3	1.582	2.493	12.1	20.8
4 21	15 5.17	−23 2.3	1.517	2.485	7.9	20.5
5 1	14 55.36	−22 13.6	1.477	2.477	3.6	20.3
5 11	14 44.91	−21 12.9	1.464	2.469	3.0	20.2
5 21	14 35.11	−20 6.5	1.477	2.460	7.3	20.4
5 31	14 27.10	−19 1.9	1.516	2.450	11.7	20.7
6 10	14 21.66	−18 5.9	1.576	2.440	15.6	20.9

158065 2000 TH_{57} 5 5.5 178°.31 2°.9/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 17.58	− 7 46.6	2.439	3.279	11.0	21.3
4 11	15 11.47	− 7 26.2	2.362	3.281	8.2	21.1
4 21	15 3.68	− 7 5.4	2.310	3.282	5.3	20.9
5 1	14 54.81	− 6 47.2	2.286	3.283	3.0	20.8
5 11	14 45.65	− 6 34.3	2.292	3.283	4.0	20.8
5 21	14 36.94	− 6 29.2	2.326	3.283	6.8	21.0
5 31	14 29.40	− 6 33.6	2.387	3.282	9.8	21.2
6 10	14 23.54	− 6 48.3	2.472	3.280	12.4	21.4

24222 1999 XW_{74} 5 5.5 252°.58 2°.0/ 7.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.14	−24 35.1	2.235	3.053	12.6	18.9
4 11	15 10.12	−24 15.8	2.134	3.037	9.8	18.7
4 21	15 3.09	−23 43.1	2.055	3.019	6.5	18.5
5 1	14 54.68	−22 57.6	2.003	3.002	3.1	18.2
5 11	14 45.76	−22 2.0	1.980	2.984	2.5	18.1
5 21	14 37.24	−21 0.7	1.984	2.965	5.9	18.3
5 31	14 30.00	−19 59.3	2.016	2.947	9.5	18.5
6 10	14 24.68	−19 3.2	2.072	2.927	12.7	18.7

151108 2001 WK_{16} 5 5.5 70°.44 3°.4/ 7.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 22.58	−23 57.2	1.636	2.461	16.1	20.1
4 11	15 15.96	−24 37.4	1.580	2.485	12.5	19.9
4 21	15 6.70	−25 4.5	1.546	2.509	8.4	19.7
5 1	14 55.78	−25 16.9	1.537	2.533	4.5	19.5
5 11	14 44.51	−25 15.5	1.555	2.556	3.9	19.6
5 21	14 34.18	−25 4.0	1.600	2.580	7.2	19.8
5 31	14 25.87	−24 47.6	1.670	2.603	10.9	20.1
6 10	14 20.26	−24 32.1	1.762	2.626	14.2	20.3

488444 2016 YK_{5} 5 5.5 68°.73 19°.5/ 2.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 31.50	+21 1.4	0.942	1.768	25.1	20.8
4 11	15 23.51	+21 50.2	0.909	1.779	22.6	20.6
4 21	15 11.56	+21 57.9	0.891	1.790	20.5	20.5
5 1	14 57.27	+21 11.8	0.889	1.801	19.5	20.5
5 11	14 42.84	+19 28.2	0.906	1.812	20.1	20.6
5 21	14 30.27	+16 54.2	0.941	1.823	21.9	20.7
5 31	14 21.02	+13 43.1	0.994	1.835	24.3	20.9
6 10	14 15.69	+10 10.8	1.063	1.846	26.7	21.2

367181 2006 YT 5 5.5 224°.69 0°.8/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 17.87	−15 38.5	2.153	2.990	12.4	22.4
4 11	15 12.09	−15 16.6	2.059	2.978	9.3	22.2
4 21	15 4.27	−14 47.6	1.990	2.966	5.7	21.9
5 1	14 55.05	−14 13.8	1.947	2.952	1.8	21.6
5 11	14 45.32	−13 38.3	1.934	2.938	2.6	21.7
5 21	14 36.01	−13 5.2	1.949	2.923	6.6	21.9
5 31	14 27.99	−12 38.4	1.991	2.907	10.4	22.1
6 10	14 21.93	−12 21.1	2.056	2.891	13.6	22.3

56970 2000 SJ_{111} 5 5.5 44°.45 2°.0/ 6.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.41	−21 25.7	1.984	2.815	13.5	18.0
4 11	15 11.05	−21 49.0	1.916	2.827	10.3	17.8
4 21	15 3.61	−22 2.9	1.871	2.840	6.7	17.6
5 1	14 54.82	−22 7.3	1.852	2.852	3.1	17.4
5 11	14 45.66	−22 3.8	1.861	2.865	2.6	17.4
5 21	14 37.12	−21 55.0	1.897	2.878	6.1	17.7
5 31	14 30.06	−21 44.7	1.959	2.891	9.6	17.9
6 10	14 25.10	−21 36.8	2.044	2.905	12.7	18.1

318633 2005 LG_{5} 5 5.5 355°.22 5°.9/ 2.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 12.56	− 6 26.9	1.185	2.069	17.1	19.9
4 11	15 9.14	− 5 37.2	1.123	2.065	13.0	19.6
4 21	15 2.87	− 4 47.4	1.082	2.061	8.7	19.3
5 1	14 54.65	− 4 4.9	1.063	2.059	5.9	19.2
5 11	14 45.87	− 3 37.4	1.066	2.057	7.6	19.3
5 21	14 37.90	− 3 30.0	1.093	2.057	11.8	19.5
5 31	14 31.96	− 3 45.1	1.139	2.057	16.2	19.7
6 10	14 28.82	− 4 21.9	1.204	2.059	20.0	20.0

82677 2001 PW_{23} 5 5.5 298°.32 8°.3/29.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.44	+ 5 8.4	1.961	2.809	12.9	19.5
4 11	15 8.82	+ 6 10.8	1.888	2.795	10.7	19.3
4 21	15 2.27	+ 7 4.8	1.839	2.781	8.8	19.1
5 1	14 54.42	+ 7 43.7	1.814	2.768	8.3	19.1
5 11	14 46.16	+ 8 2.2	1.815	2.755	9.5	19.1
5 21	14 38.36	+ 7 57.5	1.840	2.741	11.7	19.2
5 31	14 31.87	+ 7 29.3	1.886	2.728	14.3	19.4
6 10	14 27.28	+ 6 39.7	1.952	2.716	16.7	19.5

101965 1999 RY_{41} 5 5.5 213°.06 0°.2/ 5.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 8.23	−16 53.8	4.383	5.208	6.8	20.9
4 11	15 4.03	−16 30.2	4.286	5.199	5.0	20.8
4 21	14 58.95	−16 2.5	4.217	5.191	3.0	20.6
5 1	14 53.33	−15 32.1	4.176	5.181	0.9	20.4
5 11	14 47.53	−15 0.7	4.167	5.172	1.3	20.4
5 21	14 41.93	−14 30.0	4.188	5.162	3.4	20.6
5 31	14 36.91	−14 1.9	4.237	5.151	5.4	20.7
6 10	14 32.75	−13 38.0	4.313	5.140	7.2	20.9

115345 2003 SB_{229} 5 5.5 17°.73 0°.0/ 5.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 15.34	−17 1.1	1.206	2.077	17.8	19.4
4 11	15 11.28	−16 55.6	1.145	2.080	13.4	19.2
4 21	15 4.19	−16 39.5	1.103	2.084	8.2	18.9
5 1	14 55.08	−16 15.4	1.084	2.090	2.6	18.6
5 11	14 45.39	−15 47.9	1.089	2.095	3.2	18.6
5 21	14 36.63	−15 22.7	1.118	2.102	8.8	19.0
5 31	14 30.06	−15 5.5	1.168	2.110	13.8	19.2
6 10	14 26.47	−15 0.5	1.238	2.118	18.0	19.5

491446 2012 FL_{62} 5 5.5 183°.10 7°.9/ 7.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 36.44	−26 22.5	1.244	2.060	20.8	21.4
4 11	15 28.27	−28 32.0	1.167	2.061	16.8	21.1
4 21	15 15.45	−30 31.9	1.111	2.061	12.5	20.8
5 1	14 58.87	−32 11.0	1.079	2.061	8.7	20.6
5 11	14 40.49	−33 20.6	1.073	2.060	8.3	20.6
5 21	14 22.78	−33 58.6	1.093	2.059	11.6	20.8
5 31	14 8.10	−34 11.3	1.136	2.056	16.0	21.0
6 10	13 57.89	−34 10.2	1.198	2.054	20.1	21.3

336238 2008 SV_{107} 5 5.5 339°.07 2°.6/ 7.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.18	−24 28.2	1.668	2.505	15.4	20.6
4 11	15 9.90	−24 23.3	1.588	2.500	11.9	20.3
4 21	15 3.16	−24 3.1	1.528	2.496	8.0	20.1
5 1	14 54.74	−23 27.8	1.494	2.492	3.9	19.8
5 11	14 45.78	−22 40.6	1.485	2.489	3.2	19.8
5 21	14 37.44	−21 46.9	1.502	2.486	7.0	20.0
5 31	14 30.80	−20 53.4	1.544	2.483	11.1	20.2
6 10	14 26.58	−20 6.4	1.607	2.481	14.9	20.4

485152 2010 PQ_{65} 5 5.5 282°.24 13°.0/14.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 19.68	−44 34.3	1.112	1.891	24.9	20.3
4 11	15 16.12	−45 5.4	1.034	1.884	22.0	20.0
4 21	15 7.98	−44 55.0	0.970	1.876	18.6	19.8
5 1	14 56.42	−43 52.4	0.923	1.868	15.3	19.5
5 11	14 43.71	−41 54.5	0.894	1.860	13.2	19.4
5 21	14 32.35	−39 9.2	0.887	1.852	13.6	19.4
5 31	14 24.40	−35 55.1	0.901	1.845	16.5	19.5
6 10	14 20.91	−32 35.9	0.934	1.837	20.4	19.7

214444 2005 RH_{4} 5 5.5 278°.94 1°.5/ 4.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 11.84	−14 6.2	2.294	3.141	11.3	20.8
4 11	15 7.47	−13 28.3	2.203	3.128	8.4	20.6
4 21	15 1.38	−12 44.2	2.137	3.115	5.1	20.3
5 1	14 54.15	−11 57.0	2.098	3.102	1.9	20.1
5 11	14 46.52	−11 10.4	2.087	3.088	3.0	20.2
5 21	14 39.28	−10 28.7	2.104	3.075	6.5	20.3
5 31	14 33.15	− 9 55.5	2.147	3.062	9.8	20.5
6 10	14 28.68	− 9 33.5	2.213	3.048	12.8	20.7

107686 2001 FN_{12} 5 5.5 21°.95 0°.1/ 5.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.63	−16 43.4	1.912	2.757	13.3	19.8
4 11	15 10.56	−16 37.8	1.835	2.757	10.0	19.6
4 21	15 3.37	−16 25.1	1.781	2.758	6.1	19.3
5 1	14 54.78	−16 6.8	1.753	2.758	1.9	19.1
5 11	14 45.76	−15 46.0	1.753	2.759	2.4	19.1
5 21	14 37.30	−15 26.3	1.780	2.759	6.6	19.4
5 31	14 30.29	−15 11.3	1.832	2.760	10.5	19.6
6 10	14 25.37	−15 4.2	1.907	2.760	13.8	19.8

193405 2000 WW_{30} 5 5.5 258°.74 1°.0/ 4.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.58	−17 3.4	2.083	2.925	12.5	20.8
4 11	15 9.75	−16 12.7	1.984	2.906	9.4	20.5
4 21	15 2.90	−15 11.2	1.908	2.885	5.7	20.3
5 1	14 54.66	−14 2.2	1.860	2.865	1.8	20.0
5 11	14 45.90	−12 50.6	1.840	2.844	2.9	20.0
5 21	14 37.53	−11 42.0	1.848	2.822	7.0	20.2
5 31	14 30.44	−10 42.1	1.883	2.800	10.8	20.4
6 10	14 25.28	− 9 55.2	1.940	2.777	14.2	20.6

279839 2000 SA_{344} 5 5.5 160°.69 5°.3/11.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.61	−38 0.2	3.044	3.781	11.4	21.2
4 11	15 10.80	−38 14.8	2.956	3.787	9.6	21.1
4 21	15 3.31	−38 14.2	2.891	3.792	7.7	20.9
5 1	14 54.74	−37 56.8	2.851	3.797	6.0	20.8
5 11	14 45.85	−37 23.4	2.839	3.802	5.3	20.8
5 21	14 37.44	−36 36.4	2.854	3.806	6.0	20.9
5 31	14 30.20	−35 39.9	2.897	3.810	7.6	21.0
6 10	14 24.66	−34 38.9	2.966	3.813	9.5	21.1

189263 2005 CA 5 5.5 172°.97 1°.9/ 3.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.08	−10 52.6	3.484	4.314	8.2	22.1
4 11	15 8.41	−10 3.3	3.403	4.320	6.1	21.9
4 21	15 1.64	− 9 11.3	3.351	4.324	3.8	21.8
5 1	14 54.18	− 8 19.1	3.328	4.327	2.0	21.6
5 11	14 46.56	− 7 29.7	3.337	4.330	2.8	21.7
5 21	14 39.28	− 6 45.7	3.377	4.332	5.0	21.8
5 31	14 32.80	− 6 9.6	3.446	4.332	7.3	22.0
6 10	14 27.49	− 5 42.7	3.539	4.332	9.3	22.1

265008 2003 FK_{68} 5 5.5 341.°92 4.°2/ 6.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 20.18	−22 51.1	1.451	2.291	17.1	19.4
4 11	15 14.99	−24 1.5	1.371	2.284	13.4	19.2
4 21	15 6.66	−25 2.9	1.311	2.277	9.2	18.9
5 1	14 55.96	−25 51.3	1.275	2.270	5.3	18.6
5 11	14 44.25	−26 24.9	1.265	2.265	4.8	18.6
5 21	14 33.09	−26 44.7	1.279	2.260	8.5	18.8
5 31	14 23.95	−26 54.8	1.318	2.256	12.8	19.0
6 10	14 17.86	−27 1.2	1.377	2.253	16.8	19.3

166168 2002 EC_{47} 5 5.5 139.°02 1.°8/ 6.5 18

4 1	15 20.61	−21 36.2	1.634	2.469	15.7	20.8
4 11	15 14.62	−21 42.1	1.563	2.477	12.0	20.6
4 21	15 6.00	−21 35.7	1.514	2.484	7.7	20.3
5 1	14 55.63	−21 17.2	1.489	2.491	3.3	20.1
5 11	14 44.78	−20 49.3	1.492	2.497	2.9	20.1
5 21	14 34.70	−20 16.6	1.522	2.504	7.2	20.3
5 31	14 26.52	−19 44.9	1.576	2.509	11.4	20.6
6 10	14 20.94	−19 19.4	1.652	2.514	15.1	20.8

395454 2011 SW_{268} 5 5.5 199.°95 1.°5/ 6.6 16

4 1	15 15.68	−21 28.3	2.585	3.404	11.1	21.5
4 11	15 10.18	−21 38.0	2.496	3.402	8.5	21.3
4 21	15 2.99	−21 39.8	2.432	3.399	5.5	21.1
5 1	14 54.66	−21 33.9	2.396	3.396	2.4	20.9
5 11	14 45.95	−21 21.7	2.388	3.393	2.1	20.9
5 21	14 37.62	−21 5.6	2.410	3.389	5.1	21.1
5 31	14 30.39	−20 48.7	2.459	3.386	8.2	21.3
6 10	14 24.82	−20 34.3	2.533	3.382	10.9	21.4

159466 2000 QB_{10} 5 5.5 217.°96 5.°3/ 8.8 18

4 1	15 21.51	−30 48.6	1.859	2.655	15.6	20.1
4 11	15 15.46	−31 12.4	1.766	2.647	12.7	19.9
4 21	15 6.67	−31 18.5	1.695	2.638	9.4	19.7
5 1	14 55.91	−31 4.4	1.648	2.629	6.4	19.5
5 11	14 44.39	−30 30.1	1.627	2.619	5.4	19.4
5 21	14 33.43	−29 39.6	1.634	2.608	7.7	19.5
5 31	14 24.26	−28 39.7	1.666	2.596	11.1	19.7
6 10	14 17.73	−27 38.5	1.721	2.584	14.6	19.9

47955 2000 QZ_{73} 5 5.5 274.°96 0.°1/ 5.4 18

4 1	15 6.22	−17 12.5	4.280	5.109	6.8	19.2
4 11	15 2.60	−16 53.6	4.189	5.104	5.1	19.1
4 21	14 58.12	−16 30.8	4.124	5.099	3.1	18.9
5 1	14 53.10	−16 5.2	4.089	5.094	1.0	18.7
5 11	14 47.91	−15 38.6	4.083	5.088	1.2	18.8
5 21	14 42.94	−15 12.6	4.107	5.083	3.4	18.9
5 31	14 38.53	−14 48.9	4.160	5.078	5.4	19.1
6 10	14 34.98	−14 29.4	4.238	5.073	7.1	19.2

276143 2002 JP_{5} 5 5.5 298.°83 8.°5/28.8 18

4 1	15 12.85	+ 2 50.3	1.753	2.611	13.7	20.1
4 11	15 8.64	+ 4 12.1	1.678	2.594	11.2	19.9
4 21	15 2.30	+ 5 28.2	1.625	2.576	9.1	19.7
5 1	14 54.49	+ 6 30.4	1.597	2.559	8.6	19.6
5 11	14 46.17	+ 7 11.6	1.594	2.541	10.0	19.7
5 21	14 38.33	+ 7 27.6	1.614	2.524	12.6	19.8
5 31	14 31.89	+ 7 16.8	1.656	2.507	15.5	19.9
6 10	14 27.53	+ 6 41.1	1.716	2.490	18.3	20.1

101891 1999 NL_{55} 5 5.5 326.°81 4.°9/ 9.7 18

4 1	15 12.35	−32 46.6	1.978	2.776	14.7	18.5
4 11	15 8.38	−32 35.7	1.885	2.765	12.0	18.3
4 21	15 2.18	−32 4.4	1.813	2.755	9.0	18.1
5 1	14 54.46	−31 11.8	1.765	2.745	6.1	17.9
5 11	14 46.25	−30 0.3	1.743	2.735	4.9	17.8
5 21	14 38.60	−28 35.1	1.748	2.726	6.8	17.9
5 31	14 32.48	−27 3.7	1.778	2.717	10.0	18.1
6 10	14 28.55	−25 34.2	1.832	2.709	13.2	18.2

255662 2006 QL_{32} 5 5.5 252.°02 4.°0/ 7.9 17

4 1	15 18.62	−27 9.9	1.750	2.568	15.6	20.8
4 11	15 13.37	−27 22.8	1.657	2.555	12.4	20.6
4 21	15 5.42	−27 19.6	1.585	2.542	8.7	20.3
5 1	14 55.53	−26 58.7	1.537	2.529	5.1	20.1
5 11	14 44.88	−26 21.5	1.516	2.516	4.2	20.0
5 21	14 34.74	−25 32.2	1.521	2.502	7.4	20.1
5 31	14 26.34	−24 37.5	1.552	2.488	11.4	20.3
6 10	14 20.52	−23 45.1	1.604	2.473	15.1	20.5

499772 2011 CQ_{21} 5 5.5 61.°91 5.°8/ 1.6 17

4 1	15 14.74	− 3 49.5	1.667	2.530	14.1	21.1
4 11	15 9.95	− 2 50.4	1.606	2.534	10.8	20.9
4 21	15 3.00	− 1 53.5	1.569	2.539	7.6	20.7
5 1	14 54.68	− 1 5.2	1.557	2.543	5.9	20.7
5 11	14 46.03	− 0 31.4	1.570	2.548	7.2	20.7
5 21	14 38.07	− 0 15.8	1.609	2.553	10.3	20.9
5 31	14 31.69	− 0 20.1	1.670	2.558	13.6	21.1
6 10	14 27.48	− 0 43.5	1.751	2.563	16.6	21.3

464708 2002 QR_{86} 5 5.5 295.°96 3.°0/ 7.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 16.13	−24 16.4	1.494	2.334	16.6	21.7
4 11	15 11.94	−24 22.6	1.397	2.312	13.1	21.4
4 21	15 4.78	−24 12.8	1.321	2.289	8.8	21.1
5 1	14 55.39	−23 45.9	1.268	2.267	4.5	20.8
5 11	14 45.00	−23 4.0	1.240	2.244	3.7	20.7
5 21	14 35.06	−22 12.0	1.237	2.222	8.1	20.9
5 31	14 26.95	−21 17.8	1.258	2.200	12.9	21.1
6 10	14 21.69	−20 29.4	1.299	2.178	17.4	21.3

158465 2002 CC_{219} 5 5.5 88.°34 0.°0/ 5.3 17

4 1	15 16.20	−17 31.7	1.817	2.662	13.9	20.2
4 11	15 11.06	−17 23.0	1.743	2.665	10.4	20.0
4 21	15 3.72	−17 6.1	1.692	2.668	6.4	19.8
5 1	14 54.92	−16 42.5	1.667	2.672	2.0	19.5
5 11	14 45.71	−16 15.7	1.669	2.675	2.5	19.5
5 21	14 37.11	−15 49.6	1.699	2.679	6.8	19.8
5 31	14 30.07	−15 28.5	1.753	2.682	10.8	20.0
6 10	14 25.23	−15 15.8	1.830	2.685	14.2	20.3

338573 2003 SL_{94} 5 5.5 283.°59 3.°2/ 7.3 18

4 1	15 17.54	−24 37.7	1.940	2.762	14.1	20.0
4 11	15 12.37	−25 3.6	1.840	2.743	11.1	19.8
4 21	15 4.75	−25 18.2	1.763	2.724	7.6	19.6
5 1	14 55.33	−25 20.0	1.711	2.706	4.2	19.3
5 11	14 45.12	−25 9.4	1.686	2.687	3.6	19.2
5 21	14 35.26	−24 49.3	1.687	2.668	6.8	19.4
5 31	14 26.86	−24 24.1	1.715	2.648	10.7	19.6
6 10	14 20.75	−23 59.5	1.765	2.629	14.2	19.7

93883 2000 WN_{130} 5 5.5 242.°26 5.°6/ 1.4 18

4 1	15 16.61	− 1 10.6	2.143	2.989	12.1	20.1
4 11	15 11.08	− 0 27.2	2.059	2.975	9.4	19.9
4 21	15 3.64	+ 0 12.7	1.999	2.960	6.9	19.7
5 1	14 54.91	+ 0 44.2	1.965	2.945	5.6	19.6
5 11	14 45.71	+ 1 2.9	1.960	2.929	6.8	19.6
5 21	14 36.93	+ 1 5.8	1.981	2.913	9.4	19.7
5 31	14 29.38	+ 0 51.6	2.026	2.896	12.3	19.9
6 10	14 23.67	+ 0 20.6	2.093	2.879	15.0	20.0

444025 2004 HJ_{79} 5 5.5 268.°31 0.°0/ 5.2 17

4 1	14 53.25	−16 32.8	43.499	44.328	0.7	23.5
4 11	14 52.60	−16 30.1	43.412	44.327	0.5	23.4
4 21	14 51.89	−16 27.1	43.352	44.326	0.3	23.4
5 1	14 51.14	−16 24.0	43.320	44.325	0.1	23.4
5 11	14 50.37	−16 20.7	43.318	44.323	0.1	23.4
5 21	14 49.62	−16 17.5	43.345	44.322	0.3	23.4
5 31	14 48.92	−16 14.5	43.400	44.321	0.6	23.4
6 10	14 48.27	−16 11.8	43.482	44.320	0.7	23.5

219600 2001 TO_{57} 5 5.5 41.°78 2.°5/ 3.6 18

4 1	15 13.05	−14 41.0	1.494	2.359	15.3	19.4
4 11	15 8.93	−13 28.3	1.432	2.367	11.3	19.1
4 21	15 2.46	−12 5.5	1.393	2.375	6.8	18.9
5 1	14 54.52	−10 39.0	1.379	2.383	2.9	18.7
5 11	14 46.26	− 9 16.9	1.391	2.391	4.5	18.8
5 21	14 38.80	− 8 6.7	1.429	2.400	8.8	19.1
5 31	14 33.09	− 7 14.0	1.490	2.409	13.0	19.3
6 10	14 29.72	− 6 41.5	1.571	2.418	16.5	19.6

331519 2000 NJ_{19} 5 5.5 275.°64 1.°1/ 6.3 18

4 1	15 17.12	−21 11.2	2.005	2.835	13.4	21.5
4 11	15 11.97	−20 57.2	1.892	2.805	10.3	21.3
4 21	15 4.48	−20 31.2	1.803	2.774	6.6	21.0
5 1	14 55.25	−19 53.9	1.740	2.742	2.6	20.7
5 11	14 45.23	−19 7.9	1.704	2.710	2.4	20.6
5 21	14 35.47	−18 17.5	1.697	2.678	6.7	20.8
5 31	14 27.05	−17 28.6	1.716	2.644	11.0	21.0
6 10	14 20.77	−16 46.6	1.757	2.610	14.8	21.1

352626 2008 FT_{33} 5 5.5 113.°17 1.°4/ 6.7 17

4 1	15 14.29	−22 6.1	2.497	3.319	11.3	21.8
4 11	15 9.11	−22 2.3	2.422	3.329	8.6	21.6
4 21	15 2.29	−21 49.5	2.371	3.338	5.6	21.4
5 1	14 54.45	−21 28.3	2.347	3.347	2.4	21.2
5 11	14 46.33	−21 1.1	2.352	3.357	2.1	21.2
5 21	14 38.70	−20 30.7	2.385	3.366	5.1	21.4
5 31	14 32.23	−20 0.9	2.446	3.374	8.1	21.7
6 10	14 27.42	−19 35.1	2.531	3.383	10.8	21.8

393152 2013 BJ_{80} 5 5.5 146.°24 4.°2/ 1.5 17

4 1	15 11.89	− 3 57.2	2.543	3.392	10.3	21.7
4 11	15 7.19	− 3 6.9	2.475	3.396	7.8	21.6
4 21	15 1.06	− 2 18.0	2.434	3.400	5.5	21.4
5 1	14 54.05	− 1 34.6	2.419	3.405	4.2	21.4
5 11	14 46.82	− 1 0.5	2.434	3.409	5.2	21.4
5 21	14 40.03	− 0 38.4	2.475	3.412	7.5	21.6
5 31	14 34.25	− 0 30.0	2.542	3.416	10.0	21.7
6 10	14 29.94	− 0 35.5	2.631	3.419	12.2	21.9

20907 2762 *P–L* 5 5.5 219°.09 0°.6/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 12.80	−15 32.0	2.986	3.818	9.4	20.5
4 11	15 7.81	−15 11.1	2.892	3.809	7.0	20.3
4 21	15 1.45	−14 45.2	2.824	3.799	4.2	20.1
5 1	14 54.19	−14 16.1	2.784	3.789	1.3	19.9
5 11	14 46.63	−13 46.1	2.775	3.779	2.0	19.9
5 21	14 39.38	−13 18.0	2.795	3.768	4.9	20.1
5 31	14 33.01	−12 54.3	2.843	3.757	7.7	20.3
6 10	14 27.97	−12 37.2	2.915	3.745	10.2	20.4

263990 2009 LX_4 5 5.5 215°.94 3°.3/ 2.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 11.37	− 7 38.8	2.589	3.438	10.1	21.2
4 11	15 6.85	− 6 46.9	2.510	3.434	7.6	21.0
4 21	15 0.89	− 5 53.5	2.456	3.429	5.0	20.8
5 1	14 54.01	− 5 2.4	2.431	3.425	3.3	20.7
5 11	14 46.86	− 4 17.6	2.434	3.420	4.4	20.8
5 21	14 40.10	− 3 42.4	2.465	3.415	6.9	20.9
5 31	14 34.31	− 3 19.3	2.522	3.409	9.6	21.1
6 10	14 29.97	− 3 9.3	2.602	3.404	12.0	21.3

210847 2001 QY_{214} 5 5.5 215°.99 4°.3/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 12.34	− 4 53.1	2.431	3.281	10.7	21.1
4 11	15 7.65	− 3 54.6	2.354	3.276	8.1	20.9
4 21	15 1.41	− 2 56.2	2.302	3.271	5.6	20.7
5 1	14 54.18	− 2 2.5	2.278	3.265	4.3	20.6
5 11	14 46.66	− 1 17.7	2.282	3.259	5.4	20.7
5 21	14 39.54	− 0 45.5	2.314	3.253	7.9	20.8
5 31	14 33.48	− 0 27.9	2.371	3.246	10.6	21.0
6 10	14 28.95	− 0 25.7	2.449	3.239	13.0	21.2

210749 2000 VL_8 5 5.5 121°.02 0°.3/ 5.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 18.86	−17 56.2	1.693	2.536	14.9	21.2
4 11	15 13.03	−17 25.5	1.629	2.551	11.1	21.0
4 21	15 4.87	−16 44.6	1.588	2.564	6.7	20.8
5 1	14 55.27	−15 56.3	1.573	2.578	2.1	20.5
5 11	14 45.37	−15 5.5	1.585	2.590	2.7	20.6
5 21	14 36.29	−14 17.7	1.624	2.602	7.3	20.9
5 31	14 28.97	−13 38.1	1.689	2.614	11.3	21.1
6 10	14 24.03	−13 10.6	1.775	2.625	14.8	21.4

334781 2003 SD_{139} 5 5.5 49°.66 4°.5/ 8.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 17.89	−28 6.5	1.842	2.655	15.1	20.2
4 11	15 12.56	−28 39.4	1.766	2.659	12.0	20.0
4 21	15 4.76	−28 57.4	1.712	2.664	8.6	19.8
5 1	14 55.29	−28 58.6	1.683	2.669	5.5	19.6
5 11	14 45.28	−28 43.8	1.680	2.675	4.7	19.6
5 21	14 35.91	−28 16.4	1.703	2.680	7.1	19.7
5 31	14 28.24	−27 41.8	1.751	2.685	10.4	19.9
6 10	14 23.00	−27 6.5	1.822	2.691	13.6	20.1

251686 1995 UF_{42} 5 5.5 321°.49 0°.6/ 5.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.56	−18 19.8	1.405	2.267	16.3	20.3
4 11	15 9.73	−17 35.6	1.328	2.260	12.2	20.0
4 21	15 3.20	−16 37.1	1.272	2.252	7.5	19.7
5 1	14 54.83	−15 28.0	1.240	2.245	2.3	19.4
5 11	14 45.85	−14 15.1	1.233	2.239	3.3	19.4
5 21	14 37.57	−13 6.4	1.251	2.233	8.5	19.7
5 31	14 31.16	−12 9.3	1.293	2.227	13.4	20.0
6 10	14 27.38	−11 29.2	1.354	2.221	17.5	20.2

309087 2006 VR_{75} 5 5.5 225°.95 2°.1/ 7.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.47	−26 8.0	2.761	3.566	10.8	21.5
4 11	15 8.50	−25 48.7	2.663	3.556	8.4	21.4
4 21	15 1.95	−25 17.6	2.588	3.546	5.7	21.2
5 1	14 54.36	−24 35.3	2.541	3.536	3.0	21.0
5 11	14 46.43	−23 44.2	2.523	3.525	2.4	20.9
5 21	14 38.88	−22 47.6	2.535	3.514	4.9	21.1
5 31	14 32.37	−21 49.9	2.574	3.503	7.8	21.2
6 10	14 27.41	−20 55.5	2.638	3.491	10.4	21.4

427920 2005 UG_{398} 5 5.5 280°.06 5°.0/ 1.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.77	− 1 10.5	2.574	3.415	10.4	21.4
4 11	15 9.57	− 0 27.8	2.468	3.381	8.2	21.2
4 21	15 2.69	+ 0 12.7	2.387	3.347	6.0	21.0
5 1	14 54.63	+ 0 46.8	2.334	3.312	5.0	20.9
5 11	14 46.06	+ 1 10.4	2.310	3.277	6.1	20.9
5 21	14 37.70	+ 1 20.6	2.313	3.240	8.5	21.0
5 31	14 30.26	+ 1 15.5	2.341	3.204	11.2	21.1
6 10	14 24.34	+ 0 54.9	2.392	3.167	13.7	21.2

351926 2006 SH_{411} 5 5.5 149°.67 0°.7/ 4.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.16	−15 22.7	2.749	3.584	10.0	22.7
4 11	15 8.07	−14 57.1	2.673	3.592	7.4	22.5
4 21	15 1.58	−14 26.5	2.623	3.599	4.5	22.4
5 1	14 54.22	−13 52.9	2.601	3.606	1.4	22.2
5 11	14 46.64	−13 19.1	2.609	3.612	2.1	22.2
5 21	14 39.48	−12 48.0	2.645	3.618	5.2	22.4
5 31	14 33.32	−12 22.4	2.709	3.624	8.0	22.6
6 10	14 28.60	−12 4.4	2.798	3.629	10.5	22.8

43085 1999 WE_2 5 5.5 62°.87 0°.9/ 6.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 13.62	−22 23.2	1.861	2.698	14.0	18.9
4 11	15 9.10	−21 40.6	1.785	2.701	10.6	18.7
4 21	15 2.49	−20 43.6	1.732	2.704	6.7	18.5
5 1	14 54.54	−19 34.8	1.705	2.708	2.5	18.2
5 11	14 46.25	−18 19.4	1.705	2.711	2.3	18.2
5 21	14 38.61	−17 3.6	1.733	2.715	6.5	18.5
5 31	14 32.49	−15 53.9	1.786	2.718	10.4	18.7
6 10	14 28.47	−14 55.7	1.862	2.722	13.8	18.9

508495 2016 PA_{90} 5 5.5 254°.14 1°.5/ 6.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.28	−21 13.6	2.497	3.319	11.3	21.9
4 11	15 10.03	−21 24.0	2.401	3.308	8.7	21.7
4 21	15 2.98	−21 26.4	2.329	3.297	5.6	21.5
5 1	14 54.72	−21 21.2	2.285	3.286	2.5	21.2
5 11	14 45.98	−21 9.5	2.270	3.275	2.2	21.2
5 21	14 37.59	−20 53.9	2.283	3.263	5.3	21.4
5 31	14 30.30	−20 37.5	2.324	3.252	8.5	21.6
6 10	14 24.71	−20 23.7	2.389	3.240	11.4	21.7

431046 2006 BG_{48} 5 5.5 180°.44 6°.8/11.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 21.30	−40 18.7	2.600	3.325	13.4	22.9
4 11	15 14.71	−40 45.3	2.509	3.327	11.5	22.7
4 21	15 5.91	−40 53.3	2.439	3.328	9.4	22.6
5 1	14 55.64	−40 39.9	2.393	3.328	7.6	22.5
5 11	14 44.89	−40 5.1	2.374	3.328	6.8	22.4
5 21	14 34.70	−39 11.4	2.383	3.326	7.5	22.4
5 31	14 26.03	−38 4.1	2.418	3.325	9.2	22.5
6 10	14 19.53	−36 50.1	2.477	3.322	11.3	22.7

415589 2014 QT_{308} 5 5.5 172°.81 0°.3/ 5.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 19.72	−18 35.0	1.801	2.639	14.4	22.5
4 11	15 13.74	−18 24.1	1.724	2.642	10.8	22.3
4 21	15 5.40	−18 3.5	1.670	2.644	6.7	22.0
5 1	14 55.48	−17 34.6	1.642	2.646	2.2	21.7
5 11	14 45.09	−17 0.9	1.642	2.647	2.5	21.8
5 21	14 35.36	−16 26.9	1.669	2.648	7.0	22.0
5 31	14 27.30	−15 57.3	1.722	2.648	11.1	22.3
6 10	14 21.58	−15 36.4	1.797	2.648	14.6	22.5

403788 2011 SU_{178} 5 5.5 225°.73 3°.5/ 7.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 21.13	−24 32.5	1.560	2.389	16.6	21.5
4 11	15 15.45	−24 56.2	1.476	2.383	13.0	21.3
4 21	15 6.80	−25 5.6	1.413	2.377	8.9	21.0
5 1	14 56.00	−24 58.9	1.374	2.371	4.7	20.8
5 11	14 44.39	−24 37.4	1.361	2.364	4.0	20.7
5 21	14 33.41	−24 5.0	1.375	2.356	7.9	20.9
5 31	14 24.40	−23 28.3	1.412	2.349	12.3	21.1
6 10	14 18.27	−22 54.5	1.471	2.341	16.3	21.4

166693 2002 TT_{149} 5 5.5 184°.11 0°.5/ 5.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.25	−16 23.0	2.502	3.337	10.9	22.2
4 11	15 9.07	−15 58.5	2.419	3.337	8.1	22.0
4 21	15 2.29	−15 27.6	2.361	3.337	4.9	21.8
5 1	14 54.46	−14 52.4	2.331	3.336	1.5	21.6
5 11	14 46.34	−14 16.0	2.331	3.335	2.2	21.6
5 21	14 38.65	−13 41.6	2.359	3.334	5.6	21.8
5 31	14 32.06	−13 12.6	2.414	3.332	8.7	22.0
6 10	14 27.08	−12 51.6	2.493	3.329	11.5	22.2

62718 2000 TR_{45} 5 5.5 207°.33 1°.9/ 4.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.39	−10 46.0	2.495	3.338	10.7	19.7
4 11	15 9.17	−10 31.3	2.413	3.335	7.9	19.5
4 21	15 2.35	−10 14.4	2.356	3.332	4.9	19.3
5 1	14 54.49	− 9 57.8	2.327	3.329	2.2	19.1
5 11	14 46.30	− 9 44.0	2.327	3.325	3.1	19.2
5 21	14 38.51	− 9 35.4	2.355	3.322	6.2	19.3
5 31	14 31.79	− 9 34.3	2.410	3.318	9.2	19.5
6 10	14 26.65	− 9 42.0	2.489	3.314	11.8	19.7

405931 2006 QK_{82} 5 5.5 247°.91 0°.4/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.72	−19 22.4	3.691	4.513	8.0	21.9
4 11	15 5.35	−19 10.1	3.589	4.499	6.0	21.7
4 21	14 59.89	−18 52.4	3.513	4.484	3.7	21.5
5 1	14 53.70	−18 30.1	3.466	4.470	1.3	21.3
5 11	14 47.27	−18 5.0	3.449	4.455	1.3	21.3
5 21	14 41.05	−17 39.0	3.461	4.439	3.8	21.5
5 31	14 35.52	−17 14.3	3.502	4.424	6.1	21.6
6 10	14 31.04	−16 53.2	3.569	4.408	8.2	21.8

270535 2002 GJ_{92} 5 5.5 277°.79 1°.7/ 4.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.48	−14 52.5	1.899	2.751	13.1	20.4
4 11	15 9.07	−14 5.2	1.808	2.736	9.8	20.1
4 21	15 2.57	−13 9.0	1.740	2.719	6.0	19.8
5 1	14 54.61	−12 7.7	1.699	2.703	2.2	19.6
5 11	14 46.13	−11 6.4	1.685	2.687	3.5	19.6
5 21	14 38.10	−10 10.8	1.698	2.671	7.6	19.8
5 31	14 31.43	− 9 26.0	1.737	2.654	11.5	20.0
6 10	14 26.80	− 8 55.7	1.797	2.638	15.0	20.2

354189 2002 EX_{36} 5 5.5 17°.14 2°.9/ 3.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 11.57	− 9 40.2	2.103	2.960	11.8	20.4
4 11	15 7.28	− 8 59.8	2.033	2.962	8.8	20.2
4 21	15 1.27	− 8 17.0	1.987	2.964	5.5	20.0
5 1	14 54.16	− 7 35.6	1.968	2.967	3.1	19.8
5 11	14 46.75	− 7 0.0	1.976	2.970	4.2	19.9
5 21	14 39.86	− 6 33.7	2.011	2.973	7.4	20.1
5 31	14 34.18	− 6 19.3	2.071	2.977	10.5	20.3
6 10	14 30.24	− 6 18.2	2.153	2.981	13.3	20.5

506004 2015 HU_{4} 5 5.5 310°.25 1°.8/ 6.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 12.95	−24 1.8	1.796	2.631	14.5	21.6
4 11	15 8.85	−23 31.2	1.708	2.622	11.2	21.3
4 21	15 2.49	−22 44.4	1.643	2.613	7.3	21.1
5 1	14 54.59	−21 43.1	1.603	2.604	3.2	20.8
5 11	14 46.19	−20 31.4	1.589	2.595	2.6	20.8
5 21	14 38.36	−19 15.7	1.602	2.586	6.7	21.0
5 31	14 32.07	−18 3.1	1.641	2.578	10.8	21.2
6 10	14 28.00	−17 0.2	1.702	2.570	14.5	21.4

286972 2002 QW_{16} 5 5.5 271°.40 1°.3/ 6.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.95	−22 9.1	1.661	2.501	15.2	20.9
4 11	15 11.35	−21 45.3	1.567	2.485	11.7	20.7
4 21	15 4.19	−21 6.1	1.496	2.469	7.5	20.4
5 1	14 55.18	−20 12.7	1.449	2.452	3.0	20.1
5 11	14 45.46	−19 9.3	1.429	2.435	2.7	20.0
5 21	14 36.27	−18 2.1	1.436	2.419	7.4	20.2
5 31	14 28.75	−16 58.6	1.467	2.402	12.0	20.5
6 10	14 23.71	−16 5.4	1.519	2.384	16.0	20.7

508359 2016 EH_{127} 5 5.5 308°.65 3°.4/ 7.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 17.12	−23 43.7	1.414	2.258	17.2	21.2
4 11	15 12.75	−24 9.3	1.328	2.245	13.5	21.0
4 21	15 5.31	−24 20.8	1.263	2.231	9.2	20.7
5 1	14 55.59	−24 16.6	1.220	2.218	4.8	20.4
5 11	14 44.92	−23 57.6	1.202	2.206	4.0	20.3
5 21	14 34.81	−23 28.1	1.209	2.193	8.3	20.5
5 31	14 26.69	−22 54.8	1.239	2.181	13.0	20.7
6 10	14 21.55	−22 25.1	1.288	2.170	17.3	20.9

127237 2002 JC_{19} 5 5.5 72°.01 2°.2/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.12	−12 55.5	1.808	2.664	13.5	19.6
4 11	15 9.41	−12 11.9	1.741	2.670	10.0	19.4
4 21	15 2.66	−11 22.4	1.698	2.677	6.1	19.2
5 1	14 54.61	−10 31.3	1.681	2.684	2.6	18.9
5 11	14 46.25	− 9 43.7	1.691	2.690	3.8	19.0
5 21	14 38.53	− 9 4.5	1.727	2.697	7.7	19.3
5 31	14 32.31	− 8 37.4	1.789	2.704	11.4	19.5
6 10	14 28.15	− 8 24.6	1.871	2.711	14.6	19.7

24471 2000 SH_{313} 5 5.5 206°.30 1°.6/ 8.2 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.44	−27 32.8	4.749	5.539	6.8	18.7
4 11	15 2.72	−27 6.6	4.654	5.538	5.3	18.6
4 21	14 58.18	−26 33.0	4.585	5.536	3.7	18.5
5 1	14 53.16	−25 52.6	4.545	5.535	2.1	18.3
5 11	14 48.01	−25 7.1	4.534	5.534	1.7	18.3
5 21	14 43.09	−24 18.4	4.554	5.532	3.0	18.4
5 31	14 38.74	−23 28.7	4.603	5.531	4.6	18.5
6 10	14 35.23	−22 40.3	4.679	5.529	6.2	18.6

509732 2008 SX_{254} 5 5.5 265°.97 3°.4/ 7.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 17.96	−27 20.9	2.205	3.009	13.2	22.1
4 11	15 12.50	−27 27.8	2.092	2.983	10.5	21.8
4 21	15 4.77	−27 20.9	2.002	2.956	7.4	21.6
5 1	14 55.37	−26 59.0	1.938	2.929	4.4	21.4
5 11	14 45.22	−26 23.1	1.902	2.901	3.7	21.3
5 21	14 35.36	−25 36.5	1.894	2.872	6.4	21.4
5 31	14 26.81	−24 44.2	1.913	2.843	9.9	21.5
6 10	14 20.35	−23 52.7	1.955	2.813	13.3	21.7

67141 2000 AC_{169} 5 5.5 208°.54 3°.5/ 2.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.09	− 7 37.9	2.305	3.154	11.2	19.6
4 11	15 9.05	− 6 47.5	2.225	3.149	8.4	19.4
4 21	15 2.33	− 5 55.4	2.170	3.144	5.5	19.2
5 1	14 54.51	− 5 5.8	2.143	3.138	3.6	19.1
5 11	14 46.37	− 4 23.2	2.145	3.132	4.8	19.1
5 21	14 38.66	− 3 51.1	2.174	3.125	7.6	19.3
5 31	14 32.09	− 3 32.2	2.229	3.118	10.6	19.5
6 10	14 27.19	− 3 27.7	2.306	3.110	13.3	19.6

438427 2006 VF_{137} 5 5.5 238°.12 1°.6/ 4.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.11	−11 35.6	2.553	3.392	10.6	21.8
4 11	15 9.75	−11 26.2	2.461	3.382	7.9	21.6
4 21	15 2.76	−11 14.4	2.395	3.371	4.8	21.3
5 1	14 54.66	−11 2.1	2.357	3.360	2.0	21.1
5 11	14 46.18	−10 51.6	2.348	3.349	2.8	21.2
5 21	14 38.03	−10 45.4	2.369	3.337	6.0	21.4
5 31	14 30.92	−10 45.6	2.416	3.325	9.1	21.5
6 10	14 25.37	−10 53.6	2.487	3.313	11.8	21.7

66687 1999 TU_{45} 5 5.5 203°.96 0°.4/ 5.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 15.13	−19 31.2	2.134	2.968	12.5	20.1
4 11	15 10.06	−19 9.5	2.050	2.966	9.5	19.8
4 21	15 3.05	−18 38.0	1.989	2.963	5.9	19.6
5 1	14 54.76	−17 58.6	1.955	2.960	2.0	19.3
5 11	14 46.08	−17 14.7	1.950	2.956	2.1	19.4
5 21	14 37.90	−16 30.4	1.973	2.952	6.1	19.6
5 31	14 31.03	−15 50.3	2.022	2.948	9.7	19.8
6 10	14 26.08	−15 18.4	2.094	2.944	12.8	20.0

203319 2001 TH_{68} 5 5.5 282°.88 1°.1/ 4.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 18.88	−14 30.7	1.394	2.254	16.5	19.9
4 11	15 14.03	−14 25.6	1.304	2.234	12.5	19.6
4 21	15 6.11	−14 13.5	1.234	2.214	7.8	19.2
5 1	14 55.88	−13 56.5	1.189	2.194	2.5	18.9
5 11	14 44.62	−13 38.4	1.169	2.174	3.6	18.9
5 21	14 33.82	−13 23.9	1.174	2.153	9.2	19.1
5 31	14 24.92	−13 18.0	1.201	2.133	14.4	19.4
6 10	14 18.93	−13 24.5	1.249	2.113	18.9	19.6

334722 2003 JY_{13} 5 5.5 328°.78 5°.8/ 2.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 10.96	− 6 28.6	1.292	2.175	16.1	19.4
4 11	15 8.08	− 5 40.5	1.208	2.148	12.3	19.1
4 21	15 2.43	− 4 50.5	1.144	2.122	8.4	18.8
5 1	14 54.70	− 4 5.6	1.102	2.098	5.8	18.6
5 11	14 46.09	− 3 33.6	1.084	2.074	7.6	18.6
5 21	14 37.94	− 3 20.9	1.088	2.052	11.9	18.8
5 31	14 31.57	− 3 31.2	1.113	2.031	16.5	19.0
6 10	14 27.90	− 4 5.0	1.155	2.011	20.6	19.1

19433 Naftz 5 5.5 104°.08 1°.3/ 6.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.26	−21 10.5	1.837	2.674	14.2	18.6
4 11	15 11.16	−21 4.4	1.762	2.677	10.8	18.3
4 21	15 3.83	−20 46.9	1.709	2.681	6.9	18.1
5 1	14 55.03	−20 19.1	1.682	2.684	2.7	17.9
5 11	14 45.80	−19 44.2	1.682	2.688	2.4	17.8
5 21	14 37.19	−19 6.4	1.709	2.691	6.5	18.1
5 31	14 30.16	−18 31.0	1.761	2.694	10.4	18.3
6 10	14 25.35	−18 2.5	1.836	2.697	13.9	18.6

157840 1998 HS_{9} 5 5.5 283°.21 6°.5/ 1.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 17.40	+ 0 23.9	1.830	2.681	13.6	19.7
4 11	15 11.89	+ 0 53.9	1.759	2.676	10.7	19.5
4 21	15 4.23	+ 1 17.1	1.710	2.670	7.9	19.4
5 1	14 55.16	+ 1 28.5	1.686	2.665	6.5	19.3
5 11	14 45.64	+ 1 23.9	1.689	2.660	7.6	19.3
5 21	14 36.70	+ 1 1.3	1.718	2.654	10.3	19.5
5 31	14 29.23	+ 0 20.5	1.771	2.649	13.4	19.6
6 10	14 23.88	− 0 36.6	1.844	2.644	16.3	19.8

213800 Stefanwul 5 5.5 38°.51 5°.1/ 1.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.42	− 2 25.2	2.130	2.983	11.9	20.0
4 11	15 8.60	− 1 47.5	2.065	2.986	9.1	19.9
4 21	15 2.06	− 1 13.2	2.024	2.990	6.5	19.7
5 1	14 54.44	− 0 46.9	2.009	2.993	5.1	19.6
5 11	14 46.55	− 0 32.2	2.022	2.997	6.1	19.7
5 21	14 39.17	− 0 31.7	2.061	3.001	8.7	19.8
5 31	14 33.03	− 0 46.2	2.124	3.005	11.4	20.0
6 10	14 28.62	− 1 15.4	2.209	3.009	13.9	20.2

105720 2000 SR_{79} 5 5.5 265°.42 0°.0/ 5.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.93	−16 55.7	4.515	5.341	6.6	19.6
4 11	15 3.11	−16 49.5	4.424	5.337	4.9	19.5
4 21	14 58.46	−16 40.0	4.360	5.333	3.0	19.3
5 1	14 53.28	−16 28.2	4.325	5.329	0.9	19.2
5 11	14 47.94	−16 15.2	4.320	5.325	1.1	19.2
5 21	14 42.79	−16 2.4	4.345	5.321	3.2	19.3
5 31	14 38.18	−15 51.4	4.398	5.317	5.1	19.5
6 10	14 34.38	−15 43.3	4.477	5.313	6.8	19.6

363005 2013 CE_{188} 5 5.5 190°.95 3°.3/ 8.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.09	−28 30.1	2.720	3.513	11.3	21.0
4 11	15 9.80	−28 45.1	2.630	3.512	9.0	20.8
4 21	15 2.81	−28 48.5	2.564	3.511	6.4	20.7
5 1	14 54.70	−28 39.9	2.525	3.510	4.1	20.5
5 11	14 46.21	−28 20.2	2.514	3.508	3.4	20.5
5 21	14 38.12	−27 51.7	2.532	3.506	5.2	20.6
5 31	14 31.13	−27 18.3	2.577	3.505	7.8	20.7
6 10	14 25.78	−26 44.0	2.647	3.502	10.3	20.9

183722 2003 YR_{84} 5 5.5 101°.44 0°.9/ 6.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 19.08	−19 59.3	1.646	2.487	15.3	21.1
4 11	15 13.33	−19 48.9	1.583	2.502	11.6	20.9
4 21	15 5.16	−19 27.1	1.542	2.516	7.2	20.7
5 1	14 55.45	−18 55.4	1.526	2.530	2.6	20.4
5 11	14 45.40	−18 17.8	1.537	2.544	2.5	20.4
5 21	14 36.18	−17 39.2	1.575	2.557	7.0	20.7
5 31	14 28.79	−17 5.0	1.638	2.570	11.2	21.0
6 10	14 23.86	−16 39.8	1.723	2.583	14.7	21.3

297059 2010 *JV* 5 5.5 295°.83 4°.9/13.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 10.21	−43 31.8	4.481	5.171	8.6	20.1
4 11	15 5.80	−43 48.5	4.382	5.166	7.5	20.0
4 21	15 0.21	−43 53.1	4.305	5.162	6.4	19.9
5 1	14 53.86	−43 44.9	4.253	5.157	5.4	19.8
5 11	14 47.27	−43 23.9	4.226	5.153	4.9	19.8
5 21	14 40.95	−42 51.5	4.226	5.148	5.1	19.8
5 31	14 35.38	−42 9.9	4.253	5.144	5.9	19.9
6 10	14 30.97	−41 22.2	4.306	5.139	7.1	19.9

52618 1997 VP_2 5 5.5 94°.68 2°.8/ 3.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.18	−13 39.5	1.778	2.632	13.8	18.3
4 11	15 10.09	−12 15.0	1.721	2.649	10.1	18.1
4 21	15 3.00	−10 42.9	1.687	2.666	6.2	17.9
5 1	14 54.74	− 9 9.4	1.681	2.683	2.9	17.8
5 11	14 46.30	− 7 41.9	1.703	2.699	4.5	17.9
5 21	14 38.63	− 6 26.9	1.752	2.715	8.2	18.2
5 31	14 32.53	− 5 29.1	1.827	2.731	11.8	18.4
6 10	14 28.50	− 4 50.7	1.922	2.747	14.8	18.6

27184 Ciabattari 5 5.5 238°.90 0°.4/ 5.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.62	−18 56.1	2.221	3.056	12.1	19.0
4 11	15 9.66	−18 44.2	2.134	3.050	9.1	18.8
4 21	15 2.83	−18 24.0	2.070	3.044	5.7	18.6
5 1	14 54.74	−17 56.7	2.033	3.037	1.9	18.3
5 11	14 46.23	−17 25.2	2.025	3.031	2.1	18.3
5 21	14 38.15	−16 53.0	2.044	3.024	5.9	18.5
5 31	14 31.31	−16 24.1	2.090	3.017	9.4	18.7
6 10	14 26.30	−16 1.9	2.160	3.010	12.5	18.9

179629 2002 PP_{58} 5 5.5 263°.67 14°.6/13.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 30.94	−52 39.3	1.987	2.641	19.0	20.3
4 11	15 24.40	−54 28.8	1.887	2.620	17.7	20.1
4 21	15 13.35	−55 55.0	1.803	2.598	16.3	19.9
5 1	14 58.44	−56 47.7	1.738	2.576	15.2	19.8
5 11	14 41.41	−56 59.3	1.692	2.553	14.6	19.7
5 21	14 24.66	−56 27.7	1.667	2.530	14.8	19.7
5 31	14 10.63	−55 18.3	1.663	2.506	15.9	19.7
6 10	14 0.97	−53 42.6	1.678	2.482	17.5	19.7

59491 1999 JO_4 5 5.5 311°.88 2°.5/ 7.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 11.54	−26 20.6	1.253	2.106	18.5	17.9
4 11	15 8.99	−25 37.3	1.153	2.075	14.6	17.5
4 21	15 3.24	−24 25.5	1.073	2.045	9.8	17.1
5 1	14 55.04	−22 45.0	1.014	2.016	4.6	16.8
5 11	14 45.75	−20 41.3	0.980	1.986	3.5	16.6
5 21	14 36.96	−18 25.8	0.969	1.958	9.1	16.8
5 31	14 30.23	−16 13.3	0.981	1.930	14.9	17.0
6 10	14 26.64	−14 17.2	1.012	1.903	20.2	17.2

507251 2011 BP_{110} 5 5.5 311°.87 2°.7/ 7.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.23	−24 54.0	1.532	2.374	16.2	21.3
4 11	15 9.63	−24 42.0	1.438	2.353	12.7	21.0
4 21	15 3.31	−24 11.7	1.364	2.333	8.6	20.7
5 1	14 54.99	−23 23.3	1.313	2.313	4.2	20.4
5 11	14 45.86	−22 20.1	1.288	2.293	3.4	20.3
5 21	14 37.24	−21 8.4	1.288	2.274	7.7	20.5
5 31	14 30.38	−19 56.7	1.312	2.256	12.4	20.7
6 10	14 26.16	−18 53.3	1.356	2.238	16.6	20.9

478132 2011 UG_{125} 5 5.5 222°.98 1°.6/ 6.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.06	−23 16.0	2.705	3.520	10.8	22.6
4 11	15 8.99	−23 6.8	2.610	3.511	8.3	22.4
4 21	15 2.31	−22 47.9	2.538	3.503	5.4	22.2
5 1	14 54.56	−22 19.9	2.494	3.494	2.5	22.0
5 11	14 46.45	−21 45.0	2.480	3.484	2.1	21.9
5 21	14 38.70	−21 6.1	2.494	3.474	4.9	22.1
5 31	14 31.98	−20 26.9	2.536	3.464	7.9	22.3
6 10	14 26.82	−19 51.3	2.603	3.453	10.6	22.4

140609 2001 UE_4 5 5.5 100°.89 0°.4/ 5.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.18	−16 29.6	2.324	3.162	11.5	19.9
4 11	15 9.09	−16 12.2	2.254	3.173	8.5	19.8
4 21	15 2.34	−15 48.5	2.208	3.184	5.2	19.6
5 1	14 54.55	−15 20.6	2.190	3.195	1.6	19.3
5 11	14 46.52	−14 51.4	2.200	3.205	2.2	19.4
5 21	14 39.00	−14 24.2	2.239	3.216	5.7	19.6
5 31	14 32.68	−14 2.1	2.305	3.226	8.9	19.9
6 10	14 28.07	−13 47.7	2.394	3.236	11.7	20.1

389813 2011 VB_{20} 5 5.5 294°.86 0°.0/ 5.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.62	−17 14.5	2.139	2.981	12.2	21.3
4 11	15 9.01	−17 3.8	2.049	2.970	9.2	21.0
4 21	15 2.49	−16 45.7	1.982	2.958	5.7	20.8
5 1	14 54.66	−16 22.0	1.942	2.947	1.8	20.5
5 11	14 46.35	−15 55.4	1.930	2.936	2.2	20.5
5 21	14 38.45	−15 29.5	1.945	2.925	6.2	20.8
5 31	14 31.78	−15 7.9	1.987	2.914	9.8	21.0
6 10	14 26.95	−14 53.9	2.051	2.903	13.0	21.1

512842 2016 UN_{143} 5 5.5 237°.92 2°.9/ 7.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 16.05	−26 10.1	2.635	3.438	11.4	21.6
4 11	15 10.61	−26 31.4	2.539	3.429	9.0	21.4
4 21	15 3.39	−26 42.8	2.467	3.421	6.3	21.2
5 1	14 54.93	−26 43.3	2.422	3.412	3.7	21.0
5 11	14 46.01	−26 33.8	2.406	3.403	3.1	21.0
5 21	14 37.43	−26 16.3	2.418	3.394	5.3	21.1
5 31	14 29.94	−25 54.2	2.457	3.385	8.1	21.3
6 10	14 24.15	−25 31.4	2.522	3.376	10.8	21.4

322499 2011 UV_{399} 5 5.5 267°.58 2°.4/ 3.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 11.65	−11 25.9	2.291	3.143	11.2	21.1
4 11	15 7.29	−10 37.1	2.211	3.138	8.3	20.9
4 21	15 1.30	− 9 43.9	2.156	3.133	5.1	20.7
5 1	14 54.25	− 8 50.1	2.128	3.129	2.6	20.5
5 11	14 46.88	− 8 0.1	2.128	3.124	3.7	20.6
5 21	14 39.95	− 7 18.0	2.156	3.119	6.9	20.8
5 31	14 34.13	− 6 46.9	2.210	3.115	10.0	20.9
6 10	14 29.94	− 6 29.0	2.286	3.110	12.8	21.1

82753 2001 QO_7 5 5.5 219°.54 1°.5/ 4.3 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.75	−13 26.1	2.389	3.232	11.1	19.6
4 11	15 8.83	−12 57.1	2.304	3.226	8.2	19.4
4 21	15 2.24	−12 23.3	2.244	3.221	5.0	19.2
5 1	14 54.55	−11 47.3	2.211	3.215	1.9	19.0
5 11	14 46.52	−11 12.5	2.207	3.208	2.9	19.0
5 21	14 38.89	−10 42.3	2.232	3.202	6.2	19.3
5 31	14 32.38	−10 19.7	2.283	3.195	9.4	19.4
6 10	14 27.50	−10 7.1	2.357	3.188	12.2	19.6

279004 2008 UO_{256} 5 5.5 267°.59 0°.7/ 5.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.33	−15 9.1	1.992	2.836	12.9	20.7
4 11	15 11.20	−14 59.5	1.898	2.821	9.7	20.5
4 21	15 3.93	−14 43.8	1.828	2.805	6.0	20.2
5 1	14 55.14	−14 23.9	1.784	2.789	1.9	19.9
5 11	14 45.76	−14 2.7	1.768	2.773	2.7	19.9
5 21	14 36.78	−13 43.7	1.780	2.757	6.9	20.2
5 31	14 29.13	−13 30.7	1.817	2.740	10.8	20.4
6 10	14 23.51	−13 26.5	1.877	2.723	14.3	20.5

388761 2007 XX_{29} 5 5.5 136°.69 2°.1/ 3.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.72	−11 21.2	2.439	3.284	10.8	21.3
4 11	15 8.65	−10 47.0	2.369	3.292	8.0	21.1
4 21	15 2.03	−10 9.7	2.323	3.300	4.9	20.9
5 1	14 54.46	− 9 32.3	2.306	3.308	2.3	20.8
5 11	14 46.66	− 8 58.3	2.318	3.315	3.3	20.9
5 21	14 39.33	− 8 30.8	2.357	3.322	6.3	21.1
5 31	14 33.12	− 8 12.4	2.424	3.329	9.2	21.2
6 10	14 28.49	− 8 4.6	2.513	3.335	11.8	21.4

299884 2006 SP_{332} 5 5.5 140°.77 0°.2/ 5.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 12.32	−18 49.4	2.356	3.192	11.4	20.8
4 11	15 7.74	−18 5.2	2.277	3.195	8.5	20.6
4 21	15 1.54	−17 11.8	2.223	3.198	5.2	20.4
5 1	14 54.32	−16 11.9	2.196	3.201	1.6	20.1
5 11	14 46.83	−15 9.7	2.199	3.204	2.1	20.2
5 21	14 39.83	−14 9.5	2.229	3.206	5.7	20.4
5 31	14 33.99	−13 16.0	2.287	3.209	8.9	20.6
6 10	14 29.80	−12 32.4	2.368	3.211	11.8	20.8

136282 2003 YZ_{129} 5 5.5 183°.81 0°.2/ 5.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 19.68	−17 45.5	1.956	2.791	13.5	20.7
4 11	15 13.62	−17 43.4	1.875	2.791	10.2	20.4
4 21	15 5.34	−17 33.4	1.817	2.791	6.3	20.2
5 1	14 55.56	−17 16.7	1.786	2.791	2.1	19.9
5 11	14 45.31	−16 55.9	1.784	2.790	2.3	19.9
5 21	14 35.61	−16 34.4	1.809	2.788	6.6	20.2
5 31	14 27.43	−16 16.3	1.861	2.786	10.5	20.4
6 10	14 21.43	−16 5.2	1.935	2.783	13.8	20.6

169417 2001 XZ_{207} 5 5.5 207°.87 3°.4/ 2.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 12.88	− 6 17.1	2.644	3.490	10.1	20.6
4 11	15 7.98	− 5 36.4	2.564	3.485	7.6	20.4
4 21	15 1.63	− 4 55.6	2.510	3.481	5.0	20.2
5 1	14 54.35	− 4 18.1	2.483	3.475	3.4	20.1
5 11	14 46.79	− 3 47.3	2.485	3.470	4.4	20.2
5 21	14 39.60	− 3 26.0	2.516	3.464	6.9	20.3
5 31	14 33.38	− 3 16.2	2.572	3.457	9.5	20.5
6 10	14 28.61	− 3 18.7	2.652	3.450	11.9	20.6

371127 2005 WH_{40} 5 5.5 162°.40 0°.9/ 4.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 17.10	−15 6.9	2.335	3.170	11.6	22.5
4 11	15 11.27	−14 44.6	2.258	3.177	8.6	22.3
4 21	15 3.69	−14 16.5	2.207	3.183	5.2	22.1
5 1	14 55.01	−13 45.0	2.183	3.188	1.7	21.8
5 11	14 46.03	−13 13.2	2.189	3.192	2.5	21.9
5 21	14 37.56	−12 44.3	2.223	3.196	6.0	22.1
5 31	14 30.34	−12 21.7	2.285	3.200	9.3	22.3
6 10	14 24.88	−12 7.8	2.370	3.202	12.1	22.5

280377 2003 UR_{64} 5 5.5 218.°86 5.°4/ 1.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 15.39	− 0 35.3	2.363	3.206	11.2	20.8
4 11	15 10.00	+ 0 8.1	2.285	3.199	8.7	20.6
4 21	15 2.94	+ 0 47.7	2.232	3.191	6.5	20.5
5 1	14 54.78	+ 1 19.0	2.206	3.182	5.4	20.4
5 11	14 46.29	+ 1 38.2	2.208	3.173	6.4	20.4
5 21	14 38.21	+ 1 42.6	2.237	3.164	8.7	20.5
5 31	14 31.25	+ 1 31.2	2.291	3.154	11.3	20.7
6 10	14 25.93	+ 1 4.5	2.366	3.144	13.7	20.8

83687 2001 TQ_{54} 5 5.5 62.°30 2.°3/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 12.88	−13 48.9	1.959	2.813	12.7	18.7
4 11	15 8.22	−12 33.7	1.906	2.835	9.3	18.5
4 21	15 1.81	−11 12.2	1.878	2.857	5.6	18.3
5 1	14 54.39	− 9 49.8	1.877	2.879	2.5	18.1
5 11	14 46.85	− 8 32.6	1.904	2.902	3.9	18.3
5 21	14 40.00	− 7 26.0	1.959	2.924	7.3	18.5
5 31	14 34.54	− 6 34.1	2.040	2.947	10.6	18.8
6 10	14 30.92	− 5 58.8	2.142	2.969	13.4	19.0

186045 2001 SK_{13} 5 5.5 182.°78 5.°8/30.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.48	− 3 50.4	1.972	2.827	12.6	20.6
4 11	15 9.54	− 2 21.6	1.905	2.828	9.6	20.4
4 21	15 2.73	− 0 53.0	1.862	2.828	6.9	20.2
5 1	14 54.72	+ 0 28.6	1.847	2.828	5.8	20.1
5 11	14 46.41	+ 1 36.4	1.859	2.827	7.2	20.2
5 21	14 38.65	+ 2 25.7	1.897	2.826	10.0	20.4
5 31	14 32.24	+ 2 53.9	1.959	2.825	12.9	20.6
6 10	14 27.71	+ 3 0.9	2.041	2.823	15.5	20.8

199998 2007 JU_{39} 5 5.5 334.°41 5.°3/ 7.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.89	−26 37.9	1.402	2.242	17.6	19.8
4 11	15 11.26	−27 26.8	1.316	2.226	14.1	19.5
4 21	15 4.54	−28 0.7	1.250	2.211	10.1	19.3
5 1	14 55.47	−28 16.4	1.206	2.197	6.4	19.0
5 11	14 45.38	−28 13.2	1.185	2.183	5.5	18.9
5 21	14 35.80	−27 54.0	1.189	2.171	8.7	19.1
5 31	14 28.20	−27 25.0	1.215	2.160	13.0	19.3
6 10	14 23.62	−26 54.4	1.260	2.150	17.1	19.5

45554 2000 CX_{48} 5 5.5 143.°16 6.°1/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.27	+ 0 13.5	2.287	3.135	11.3	19.1
4 11	15 8.36	+ 1 29.6	2.229	3.143	8.9	18.9
4 21	15 1.88	+ 2 41.4	2.195	3.150	6.8	18.8
5 1	14 54.44	+ 3 43.3	2.189	3.156	6.1	18.8
5 11	14 46.78	+ 4 30.5	2.210	3.163	7.2	18.9
5 21	14 39.64	+ 4 59.8	2.257	3.169	9.4	19.0
5 31	14 33.65	+ 5 10.0	2.328	3.175	11.8	19.2
6 10	14 29.29	+ 5 1.8	2.419	3.180	13.9	19.3

127627 2003 BP_{80} 5 5.5 117.°77 3.°1/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.20	−10 17.9	1.829	2.683	13.4	20.2
4 11	15 10.92	− 9 32.8	1.765	2.693	10.0	20.0
4 21	15 3.60	− 8 44.4	1.725	2.703	6.2	19.8
5 1	14 55.00	− 7 57.2	1.712	2.712	3.3	19.7
5 11	14 46.12	− 7 16.3	1.726	2.721	4.6	19.8
5 21	14 37.90	− 6 45.7	1.766	2.729	8.1	20.0
5 31	14 31.21	− 6 28.8	1.832	2.738	11.7	20.2
6 10	14 26.59	− 6 26.7	1.918	2.746	14.7	20.4

497377 2005 UT_{414} 5 5.5 227.°82 1.°4/ 4.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.71	−15 0.1	2.036	2.881	12.7	22.2
4 11	15 10.61	−14 20.4	1.948	2.872	9.4	22.0
4 21	15 3.49	−13 32.9	1.885	2.862	5.8	21.7
5 1	14 55.01	−12 40.8	1.848	2.852	2.0	21.4
5 11	14 46.08	−11 48.6	1.839	2.842	3.1	21.5
5 21	14 37.62	−11 1.1	1.859	2.831	7.0	21.7
5 31	14 30.49	−10 22.9	1.904	2.819	10.8	21.9
6 10	14 25.31	− 9 57.1	1.971	2.807	14.1	22.1

190393 1999 TO_{101} 5 5.5 161.°03 5.°5/29.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.02	+ 0 58.3	2.707	3.545	10.1	21.0
4 11	15 8.69	+ 2 8.6	2.645	3.553	7.9	20.8
4 21	15 2.00	+ 3 14.7	2.610	3.560	6.2	20.7
5 1	14 54.48	+ 4 12.0	2.603	3.567	5.5	20.7
5 11	14 46.77	+ 4 56.3	2.624	3.572	6.5	20.8
5 21	14 39.50	+ 5 25.2	2.673	3.577	8.4	20.9
5 31	14 33.23	+ 5 37.4	2.746	3.582	10.5	21.0
6 10	14 28.38	+ 5 33.3	2.841	3.586	12.4	21.2

94557 2001 VQ_{18} 5 5.5 176.°05 0.°4/ 5.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 17.56	−20 53.7	1.543	2.388	16.0	19.9
4 11	15 12.51	−20 12.5	1.468	2.389	12.1	19.7
4 21	15 4.85	−19 15.6	1.415	2.390	7.5	19.4
5 1	14 55.46	−18 6.1	1.387	2.391	2.6	19.1
5 11	14 45.58	−16 50.0	1.385	2.391	2.7	19.1
5 21	14 36.49	−15 34.7	1.410	2.391	7.7	19.4
5 31	14 29.26	−14 28.0	1.459	2.391	12.3	19.6
6 10	14 24.61	−13 35.7	1.529	2.390	16.2	19.9

93913 2000 WO_{157} 5 5.5 132.°49 0.°4/ 5.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 18.16	−15 43.0	2.151	2.987	12.4	18.8
4 11	15 12.20	−15 41.0	2.079	2.997	9.2	18.6
4 21	15 4.34	−15 33.5	2.032	3.007	5.6	18.4
5 1	14 55.26	−15 21.8	2.012	3.016	1.7	18.1
5 11	14 45.85	−15 8.6	2.020	3.025	2.3	18.2
5 21	14 37.01	−14 56.5	2.057	3.034	6.1	18.5
5 31	14 29.54	−14 48.5	2.121	3.042	9.6	18.7
6 10	14 24.00	−14 47.3	2.208	3.050	12.6	18.9

346134 2007 VV_{197} 5 5.5 144.°80 1.°3/ 6.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.34	−22 59.1	2.908	3.720	10.2	22.5
4 11	15 8.97	−22 41.8	2.830	3.731	7.7	22.4
4 21	15 2.19	−22 15.5	2.777	3.742	5.0	22.2
5 1	14 54.55	−21 41.2	2.752	3.752	2.2	22.0
5 11	14 46.70	−21 1.3	2.757	3.762	1.8	22.0
5 21	14 39.29	−20 18.9	2.791	3.771	4.5	22.2
5 31	14 32.90	−19 37.3	2.854	3.780	7.2	22.4
6 10	14 27.96	−19 0.0	2.942	3.788	9.7	22.6

500837 2013 GT_{137} 5 5.5 77.°55 0.°0/ 5.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 53.46	−17 24.9	43.389	44.215	0.7	23.9
4 11	14 52.80	−17 22.3	43.305	44.218	0.5	23.9
4 21	14 52.09	−17 19.3	43.248	44.221	0.3	23.9
5 1	14 51.33	−17 16.2	43.219	44.223	0.1	23.8
5 11	14 50.56	−17 12.9	43.220	44.226	0.1	23.8
5 21	14 49.81	−17 9.6	43.250	44.229	0.3	23.9
5 31	14 49.10	−17 6.5	43.309	44.231	0.6	23.9
6 10	14 48.45	−17 3.6	43.394	44.234	0.7	23.9

213831 2003 QG_{92} 5 5.5 256.°38 2.°3/ 3.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.09	−13 58.9	1.634	2.491	14.7	20.7
4 11	15 11.38	−13 5.0	1.548	2.477	11.0	20.4
4 21	15 4.20	−12 1.5	1.484	2.463	6.7	20.1
5 1	14 55.30	−10 52.9	1.446	2.449	2.8	19.8
5 11	14 45.77	− 9 45.8	1.434	2.434	4.3	19.9
5 21	14 36.78	− 8 46.8	1.449	2.420	8.8	20.1
5 31	14 29.41	− 8 2.0	1.488	2.404	13.2	20.3
6 10	14 24.42	− 7 35.0	1.547	2.389	17.0	20.5

85959 1999 FV_{42} 5 5.5 202.°27 4.°0/ 2.9 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 17.44	− 9 33.6	1.661	2.519	14.4	19.1
4 11	15 12.17	− 8 33.9	1.587	2.516	10.8	18.9
4 21	15 4.56	− 7 29.6	1.536	2.513	6.9	18.6
5 1	14 55.38	− 6 26.6	1.511	2.509	4.1	18.5
5 11	14 45.73	− 5 31.3	1.513	2.505	5.6	18.5
5 21	14 36.72	− 4 49.4	1.541	2.500	9.4	18.8
5 31	14 29.36	− 4 24.8	1.592	2.495	13.3	19.0
6 10	14 24.31	− 4 19.2	1.664	2.489	16.7	19.2

401915 2001 UD_{187} 5 5.5 246.°92 0.°6/ 5.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 20.83	−18 27.3	1.638	2.479	15.4	22.1
4 11	15 15.15	−18 28.0	1.545	2.464	11.7	21.8
4 21	15 6.67	−18 19.0	1.474	2.448	7.4	21.5
5 1	14 56.14	−18 0.9	1.427	2.432	2.5	21.2
5 11	14 44.74	−17 36.4	1.408	2.414	2.7	21.1
5 21	14 33.80	−17 9.7	1.416	2.397	7.8	21.4
5 31	14 24.60	−16 46.2	1.448	2.378	12.5	21.6
6 10	14 18.04	−16 30.9	1.502	2.359	16.6	21.8

241990 2002 NN_{5} 5 5.5 268.°77 1.°3/ 6.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.60	−21 50.7	1.998	2.831	13.3	20.8
4 11	15 9.91	−21 35.7	1.911	2.824	10.2	20.6
4 21	15 3.13	−21 8.9	1.847	2.817	6.5	20.4
5 1	14 54.94	−20 31.5	1.808	2.810	2.7	20.1
5 11	14 46.27	−19 46.6	1.797	2.803	2.3	20.1
5 21	14 38.10	−18 58.7	1.814	2.796	6.2	20.3
5 31	14 31.32	−18 13.0	1.856	2.789	10.0	20.5
6 10	14 26.58	−17 34.4	1.921	2.782	13.4	20.7

229369 2005 RF_{5} 5 5.5 291.°18 2.°4/ 4.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 17.93	−13 1.6	1.228	2.099	17.6	20.2
4 11	15 13.47	−12 38.9	1.153	2.089	13.2	19.9
4 21	15 5.83	−12 8.9	1.097	2.078	8.2	19.6
5 1	14 55.89	−11 35.5	1.064	2.068	3.1	19.2
5 11	14 45.09	−11 4.7	1.055	2.058	4.6	19.3
5 21	14 34.99	−10 42.5	1.070	2.048	10.1	19.6
5 31	14 27.03	−10 34.0	1.107	2.039	15.3	19.8
6 10	14 22.15	−10 42.3	1.162	2.029	19.8	20.1

307014 2001 XF_{62} 5 5.5 213.°77 0.°5/ 5.9 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.29	−20 16.0	2.207	3.036	12.4	20.8
4 11	15 10.95	−19 46.2	2.116	3.029	9.4	20.6
4 21	15 3.67	−19 5.7	2.049	3.021	5.9	20.3
5 1	14 55.09	−18 16.2	2.009	3.013	2.0	20.0
5 11	14 46.09	−17 21.4	1.998	3.004	2.1	20.0
5 21	14 37.56	−16 25.8	2.015	2.994	6.0	20.3
5 31	14 30.31	−15 34.4	2.060	2.984	9.6	20.5
6 10	14 24.96	−14 51.6	2.128	2.974	12.8	20.7

391743 2008 DX_5 5 5.5 85.°66 0.°9/ 6.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 14.65	−20 27.5	2.279	3.109	12.0	21.9
4 11	15 9.53	−20 18.2	2.210	3.122	9.0	21.7
4 21	15 2.67	−20 0.0	2.165	3.136	5.7	21.5
5 1	14 54.74	−19 34.3	2.147	3.150	2.2	21.3
5 11	14 46.56	−19 3.8	2.157	3.163	2.0	21.3
5 21	14 38.92	−18 31.8	2.196	3.176	5.4	21.6
5 31	14 32.55	−18 2.2	2.261	3.190	8.7	21.8
6 10	14 27.96	−17 38.3	2.350	3.203	11.5	22.0

506649 2006 SE_{37} 5 5.5 181.°63 0.°2/ 5.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.48	−19 6.0	2.893	3.717	9.9	22.8
4 11	15 8.38	−18 43.4	2.807	3.718	7.4	22.6
4 21	15 1.88	−18 13.7	2.746	3.718	4.6	22.4
5 1	14 54.49	−17 38.4	2.714	3.718	1.5	22.2
5 11	14 46.84	−17 0.0	2.712	3.718	1.7	22.2
5 21	14 39.57	−16 21.5	2.739	3.717	4.7	22.4
5 31	14 33.25	−15 46.2	2.794	3.715	7.6	22.6
6 10	14 28.34	−15 16.7	2.874	3.713	10.0	22.8

102939 1999 XV_{47} 5 5.5 231.°05 0.°8/ 5.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 17.97	−15 46.9	1.804	2.649	14.0	20.3
4 11	15 12.59	−15 26.6	1.718	2.641	10.5	20.1
4 21	15 4.86	−14 58.4	1.654	2.632	6.4	19.8
5 1	14 55.51	−14 24.5	1.617	2.622	2.1	19.5
5 11	14 45.58	−13 49.0	1.607	2.612	2.9	19.5
5 21	14 36.16	−13 16.4	1.625	2.601	7.4	19.8
5 31	14 28.29	−12 51.2	1.667	2.590	11.6	20.0
6 10	14 22.68	−12 37.0	1.732	2.579	15.2	20.2

80332 1999 XL_{93} 5 5.5 154.°76 2.°7/ 4.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 20.84	−11 25.3	1.558	2.411	15.4	18.9
4 11	15 14.79	−10 55.5	1.490	2.418	11.5	18.7
4 21	15 6.18	−10 21.2	1.446	2.424	7.1	18.4
5 1	14 55.90	− 9 46.6	1.427	2.429	3.1	18.2
5 11	14 45.17	− 9 16.5	1.434	2.434	4.5	18.3
5 21	14 35.24	− 8 55.6	1.468	2.438	8.8	18.6
5 31	14 27.17	− 8 47.5	1.527	2.441	13.0	18.8
6 10	14 21.66	− 8 53.7	1.605	2.444	16.6	19.1

163374 2002 PG_{44} 5 5.5 208.°98 2.°7/ 2.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.44	− 8 30.2	2.935	3.775	9.3	20.9
4 11	15 8.30	− 7 44.7	2.848	3.767	7.0	20.8
4 21	15 1.83	− 6 57.2	2.786	3.759	4.5	20.6
5 1	14 54.48	− 6 11.0	2.754	3.750	2.7	20.5
5 11	14 46.85	− 5 29.4	2.751	3.740	3.7	20.5
5 21	14 39.55	− 4 55.3	2.778	3.729	6.2	20.7
5 31	14 33.13	− 4 31.0	2.832	3.718	8.7	20.8
6 10	14 28.04	− 4 18.0	2.909	3.706	11.0	20.9

221220 2005 UF_{111} 5 5.5 162.°42 0.°8/ 6.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 17.45	−20 19.4	2.226	3.052	12.4	21.9
4 11	15 11.70	−20 5.3	2.147	3.058	9.4	21.7
4 21	15 4.07	−19 41.7	2.093	3.063	5.9	21.5
5 1	14 55.21	−19 10.0	2.065	3.068	2.2	21.3
5 11	14 46.01	−18 32.9	2.066	3.072	2.1	21.3
5 21	14 37.36	−17 54.4	2.096	3.075	5.8	21.5
5 31	14 30.04	−17 18.6	2.153	3.078	9.2	21.7
6 10	14 24.62	−16 49.4	2.233	3.081	12.2	21.9

204088 2003 WW_{57} 5 5.5 153.°90 0.°7/ 5.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.63	−14 57.5	2.164	3.004	12.2	20.5
4 11	15 11.13	−14 52.1	2.087	3.007	9.1	20.3
4 21	15 3.74	−14 41.8	2.034	3.011	5.5	20.1
5 1	14 55.12	−14 28.0	2.009	3.014	1.8	19.8
5 11	14 46.13	−14 13.4	2.012	3.016	2.4	19.9
5 21	14 37.65	−14 1.0	2.043	3.019	6.2	20.1
5 31	14 30.46	−13 53.5	2.100	3.021	9.7	20.3
6 10	14 25.15	−13 53.3	2.181	3.023	12.7	20.5

46312 2001 QJ_{25} 5 5.5 112.°72 0.°3/ 5.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 17.32	−17 13.8	1.790	2.635	14.1	19.3
4 11	15 11.92	−16 54.8	1.722	2.644	10.6	19.1
4 21	15 4.32	−16 27.1	1.676	2.653	6.4	18.8
5 1	14 55.30	−15 53.1	1.657	2.662	2.0	18.6
5 11	14 45.93	−15 16.7	1.665	2.670	2.6	18.6
5 21	14 37.25	−14 42.5	1.700	2.679	6.9	18.9
5 31	14 30.18	−14 14.8	1.760	2.687	10.9	19.2
6 10	14 25.34	−13 57.2	1.843	2.695	14.2	19.4

119699 2001 XV_{155} 5 5.5 265.°43 0.°2/ 5.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.09	−19 17.6	1.937	2.775	13.5	19.4
4 11	15 11.20	−18 50.9	1.837	2.755	10.2	19.2
4 21	15 4.04	−18 12.8	1.759	2.734	6.4	18.9
5 1	14 55.28	−17 25.0	1.708	2.712	2.1	18.6
5 11	14 45.87	−16 31.4	1.684	2.690	2.4	18.5
5 21	14 36.86	−15 37.0	1.689	2.668	6.9	18.8
5 31	14 29.22	−14 47.5	1.718	2.645	11.0	19.0
6 10	14 23.72	−14 8.0	1.771	2.622	14.7	19.2

427495 2002 BN_{30} 5 5.5 122.°73 2.°3/ 7.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 21.18	−23 10.7	2.194	3.006	13.0	21.8
4 11	15 14.49	−23 29.5	2.124	3.023	10.0	21.6
4 21	15 5.77	−23 38.0	2.078	3.040	6.6	21.4
5 1	14 55.75	−23 35.7	2.059	3.056	3.3	21.2
5 11	14 45.41	−23 24.2	2.069	3.072	2.7	21.2
5 21	14 35.69	−23 6.3	2.108	3.087	5.8	21.4
5 31	14 27.47	−22 46.0	2.174	3.101	9.1	21.7
6 10	14 21.32	−22 27.6	2.264	3.115	12.0	21.9

198388 2004 VQ_{33} 5 5.6 259.°97 1.°8/ 4.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.67	−13 43.2	1.966	2.816	12.8	20.9
4 11	15 9.94	−13 3.7	1.877	2.803	9.6	20.6
4 21	15 3.16	−12 17.2	1.812	2.790	5.9	20.4
5 1	14 54.98	−11 27.3	1.773	2.776	2.3	20.1
5 11	14 46.29	−10 38.5	1.762	2.763	3.5	20.2
5 21	14 38.04	− 9 55.7	1.778	2.749	7.4	20.4
5 31	14 31.12	− 9 23.3	1.819	2.734	11.2	20.6
6 10	14 26.19	− 9 4.1	1.882	2.720	14.6	20.8

468031 2013 PA_{30} 5 5.6 339.°50 4.°9/ 8.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.83	−29 34.7	1.512	2.336	17.3	21.6
4 11	15 11.59	−29 38.4	1.433	2.332	13.9	21.3
4 21	15 4.50	−29 20.9	1.374	2.329	10.0	21.1
5 1	14 55.44	−28 40.8	1.337	2.327	6.2	20.8
5 11	14 45.74	−27 40.7	1.326	2.324	5.0	20.8
5 21	14 36.79	−26 26.9	1.339	2.322	7.9	20.9
5 31	14 29.83	−25 8.4	1.377	2.320	11.9	21.1
6 10	14 25.65	−23 54.4	1.435	2.319	15.8	21.4

475032 2005 UP_{33} 5 5.6 205.°44 0.°3/ 5.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.84	−17 12.6	2.749	3.573	10.3	22.6
4 11	15 11.01	−17 26.5	2.659	3.570	7.8	22.4
4 21	15 3.58	−17 35.6	2.594	3.566	4.8	22.2
5 1	14 55.07	−17 40.5	2.558	3.562	1.6	22.0
5 11	14 46.18	−17 42.3	2.551	3.557	1.8	22.0
5 21	14 37.63	−17 42.9	2.575	3.552	5.0	22.2
5 31	14 30.09	−17 44.3	2.626	3.547	8.0	22.4
6 10	14 24.08	−17 48.9	2.703	3.542	10.6	22.6

359708 2011 SP_{274} 5 5.6 121.°66 2.°7/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 21.97	−22 43.2	1.473	2.309	17.1	21.1
4 11	15 16.03	−23 4.3	1.404	2.317	13.2	20.8
4 21	15 7.15	−23 11.8	1.356	2.324	8.7	20.6
5 1	14 56.27	−23 4.8	1.332	2.331	4.2	20.3
5 11	14 44.79	−22 45.4	1.334	2.338	3.5	20.3
5 21	14 34.15	−22 18.1	1.362	2.345	7.8	20.6
5 31	14 25.64	−21 49.0	1.414	2.351	12.2	20.8
6 10	14 20.03	−21 24.7	1.488	2.357	16.1	21.1

68173 2001 BG_{37} 5 5.6 193.°12 2.°5/ 3.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.82	−11 20.9	2.077	2.927	12.2	20.2
4 11	15 9.82	−10 40.4	2.000	2.926	9.1	19.9
4 21	15 2.96	− 9 55.7	1.948	2.925	5.6	19.7
5 1	14 54.88	− 9 10.6	1.922	2.923	2.7	19.5
5 11	14 46.45	− 8 29.4	1.925	2.922	3.9	19.6
5 21	14 38.53	− 7 56.2	1.955	2.920	7.3	19.8
5 31	14 31.90	− 7 34.3	2.010	2.917	10.7	20.0
6 10	14 27.12	− 7 25.6	2.088	2.915	13.7	20.2

70406 1999 RT_{252} 5 5.6 263.°28 2.°6/ 7.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 17.06	−25 3.1	1.652	2.483	15.8	19.3
4 11	15 12.32	−24 49.9	1.560	2.469	12.3	19.1
4 21	15 4.91	−24 19.4	1.489	2.455	8.3	18.8
5 1	14 55.59	−23 31.7	1.442	2.441	4.1	18.5
5 11	14 45.54	−22 30.1	1.422	2.426	3.2	18.4
5 21	14 36.05	−21 20.5	1.428	2.412	7.3	18.6
5 31	14 28.31	−20 10.8	1.459	2.397	11.8	18.8
6 10	14 23.14	−19 8.9	1.511	2.382	15.8	19.0

155370 1988 TX 5 5.6 274.°45 1.°1/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 18.62	−17 2.8	1.597	2.446	15.3	20.1
4 11	15 13.68	−16 19.9	1.490	2.415	11.7	19.8
4 21	15 5.91	−15 23.3	1.405	2.383	7.2	19.5
5 1	14 55.98	−14 15.8	1.345	2.350	2.3	19.1
5 11	14 45.01	−13 2.8	1.312	2.317	3.5	19.1
5 21	14 34.34	−11 51.9	1.306	2.282	8.9	19.3
5 31	14 25.29	−10 50.9	1.324	2.247	14.0	19.5
6 10	14 18.86	−10 6.1	1.362	2.211	18.5	19.6

240002 2001 SB_{300} 5 5.6 233.°60 0.°5/ 5.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.30	−16 58.8	2.344	3.182	11.4	21.5
4 11	15 8.60	−16 26.2	2.256	3.176	8.5	21.3
4 21	15 2.18	−15 45.8	2.192	3.169	5.2	21.0
5 1	14 54.64	−15 0.2	2.156	3.161	1.6	20.8
5 11	14 46.74	−14 12.8	2.149	3.154	2.3	20.8
5 21	14 39.25	−13 27.6	2.170	3.146	5.9	21.0
5 31	14 32.90	−12 48.6	2.218	3.138	9.3	21.2
6 10	14 28.23	−12 19.0	2.289	3.130	12.2	21.4

461929 2006 SB_{157} 5 5.6 307.°46 0.°0/ 5.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 14.63	−18 19.8	1.370	2.232	16.6	21.7
4 11	15 10.91	−18 2.1	1.282	2.212	12.7	21.4
4 21	15 4.26	−17 31.6	1.213	2.193	7.9	21.1
5 1	14 55.44	−16 50.1	1.169	2.174	2.6	20.7
5 11	14 45.71	−16 2.4	1.148	2.155	3.1	20.7
5 21	14 36.49	−15 15.1	1.152	2.136	8.7	20.9
5 31	14 29.14	−14 35.2	1.179	2.118	13.9	21.2
6 10	14 24.62	−14 8.7	1.225	2.101	18.4	21.4

424172 2007 HQ_{57} 5 5.6 351.°55 4.°6/ 4.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 18.36	− 4 48.3	1.306	2.176	16.8	19.5
4 11	15 13.53	− 5 7.2	1.235	2.168	12.8	19.2
4 21	15 5.75	− 5 32.8	1.185	2.162	8.4	18.9
5 1	14 55.88	− 6 8.5	1.158	2.157	4.9	18.7
5 11	14 45.27	− 6 56.5	1.156	2.153	5.9	18.7
5 21	14 35.35	− 7 57.1	1.178	2.150	10.2	19.0
5 31	14 27.44	− 9 9.7	1.223	2.148	14.7	19.2
6 10	14 22.39	−10 32.2	1.288	2.148	18.7	19.5

187361 2005 UP_{259} 5 5.6 5.°28 0.°9/ 4.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.47	−14 23.0	2.083	2.932	12.3	20.4
4 11	15 8.86	−14 12.8	2.007	2.932	9.1	20.2
4 21	15 2.41	−13 57.6	1.955	2.933	5.5	19.9
5 1	14 54.73	−13 39.7	1.929	2.933	1.8	19.7
5 11	14 46.69	−13 21.9	1.930	2.935	2.6	19.7
5 21	14 39.13	−13 7.4	1.960	2.936	6.4	20.0
5 31	14 32.84	−12 59.1	2.014	2.938	9.9	20.2
6 10	14 28.39	−12 59.2	2.092	2.940	12.9	20.4

344502 2002 QW_{139} 5 5.6 261.°75 4.°2/ 8.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 17.15	−28 34.2	2.085	2.889	13.9	20.6
4 11	15 11.96	−28 56.8	1.993	2.881	11.1	20.4
4 21	15 4.50	−29 5.4	1.923	2.873	8.0	20.2
5 1	14 55.45	−28 58.3	1.878	2.864	5.2	20.0
5 11	14 45.79	−28 36.3	1.861	2.856	4.3	19.9
5 21	14 36.59	−28 2.5	1.871	2.847	6.6	20.0
5 31	14 28.84	−27 21.9	1.906	2.839	9.8	20.2
6 10	14 23.26	−26 40.4	1.965	2.830	12.9	20.4

371163 2005 YY_{20} 5 5.6 134.°56 2.°4/ 7.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 17.97	−25 55.0	2.289	3.096	12.7	22.3
4 11	15 12.06	−25 43.8	2.215	3.110	9.9	22.1
4 21	15 4.26	−25 19.5	2.165	3.123	6.6	22.0
5 1	14 55.30	−24 42.9	2.141	3.136	3.5	21.8
5 11	14 46.07	−23 56.4	2.146	3.149	2.8	21.7
5 21	14 37.46	−23 4.3	2.180	3.160	5.5	21.9
5 31	14 30.24	−22 11.6	2.242	3.171	8.7	22.2
6 10	14 24.95	−21 23.1	2.327	3.182	11.6	22.4

302043 2000 SG_{333} 5 5.6 236.°10 3.°2/ 2.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.65	− 6 6.3	2.834	3.676	9.6	21.0
4 11	15 8.57	− 5 32.5	2.742	3.661	7.2	20.8
4 21	15 2.07	− 4 58.7	2.676	3.646	4.8	20.7
5 1	14 54.62	− 4 27.9	2.638	3.630	3.3	20.5
5 11	14 46.84	− 4 3.1	2.630	3.614	4.2	20.6
5 21	14 39.35	− 3 46.9	2.650	3.598	6.6	20.7
5 31	14 32.74	− 3 41.1	2.697	3.581	9.2	20.8
6 10	14 27.51	− 3 46.6	2.767	3.563	11.5	21.0

237548 2000 UZ_{83} 5 5.6 126.°22 1.°6/ 3.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 12.24	−13 34.8	2.820	3.659	9.7	21.2
4 11	15 7.38	−12 36.8	2.752	3.673	7.1	21.0
4 21	15 1.23	−11 34.0	2.710	3.687	4.3	20.9
5 1	14 54.31	−10 29.9	2.698	3.700	1.9	20.7
5 11	14 47.26	− 9 28.2	2.715	3.713	2.8	20.8
5 21	14 40.64	− 8 32.7	2.762	3.726	5.5	21.0
5 31	14 35.00	− 7 46.3	2.836	3.738	8.2	21.2
6 10	14 30.71	− 7 11.0	2.935	3.750	10.5	21.4

174516 2003 CV_{7} 5 5.6 84.°61 3.°3/ 8.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.56	−27 6.9	2.255	3.061	12.9	20.4
4 11	15 11.13	−27 23.0	2.182	3.074	10.1	20.2
4 21	15 3.78	−27 26.5	2.133	3.086	7.1	20.0
5 1	14 55.17	−27 16.8	2.109	3.098	4.3	19.9
5 11	14 46.23	−26 55.5	2.113	3.111	3.5	19.8
5 21	14 37.85	−26 25.6	2.145	3.123	5.8	20.0
5 31	14 30.84	−25 51.6	2.203	3.135	8.7	20.2
6 10	14 25.78	−25 18.2	2.285	3.147	11.5	20.4

460316 2014 QL_{406} 5 5.6 158.°30 2.°9/ 7.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 20.61	−25 46.9	1.869	2.684	14.8	22.1
4 11	15 14.50	−25 45.7	1.792	2.691	11.6	21.9
4 21	15 5.99	−25 29.3	1.737	2.697	7.8	21.7
5 1	14 55.90	−24 57.8	1.707	2.703	4.2	21.5
5 11	14 45.36	−24 13.6	1.706	2.708	3.3	21.4
5 21	14 35.52	−23 21.6	1.731	2.712	6.6	21.7
5 31	14 27.40	−22 28.1	1.784	2.716	10.4	21.9
6 10	14 21.68	−21 39.3	1.859	2.719	13.8	22.1

134008 Davidhammond 5 5.6 96.°74 1.°4/ 4.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 20.95	−11 31.6	1.912	2.754	13.5	20.0
4 11	15 14.52	−11 48.6	1.842	2.763	10.0	19.8
4 21	15 5.90	−12 4.0	1.796	2.772	6.1	19.6
5 1	14 55.86	−12 19.1	1.777	2.781	2.2	19.3
5 11	14 45.42	−12 35.4	1.787	2.790	3.0	19.4
5 21	14 35.61	−12 54.7	1.825	2.799	7.0	19.7
5 31	14 27.35	−13 18.7	1.889	2.808	10.7	19.9
6 10	14 21.27	−13 48.8	1.976	2.816	13.9	20.1

326110 2011 EH_{21} 5 5.6 60.°83 0.°6/ 5.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 10.78	−15 20.8	2.886	3.724	9.5	21.0
4 11	15 6.34	−15 3.8	2.817	3.737	7.0	20.8
4 21	15 0.64	−14 42.5	2.774	3.750	4.2	20.7
5 1	14 54.15	−14 18.7	2.759	3.763	1.3	20.5
5 11	14 47.47	−13 54.7	2.772	3.777	1.9	20.5
5 21	14 41.19	−13 33.0	2.815	3.790	4.8	20.7
5 31	14 35.83	−13 15.8	2.885	3.803	7.4	20.9
6 10	14 31.78	−13 5.1	2.979	3.817	9.8	21.1

87729 2000 SW_{47} 5 5.6 249.°92 5.°8/ 9.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 17.34	−33 37.9	1.883	2.672	15.7	19.4
4 11	15 12.37	−33 48.5	1.794	2.667	12.9	19.2
4 21	15 4.86	−33 38.7	1.727	2.662	9.8	19.0
5 1	14 55.59	−33 6.3	1.682	2.656	7.0	18.8
5 11	14 45.73	−32 12.5	1.664	2.651	5.9	18.7
5 21	14 36.49	−31 2.0	1.672	2.645	7.6	18.8
5 31	14 28.99	−29 42.1	1.705	2.640	10.6	18.9
6 10	14 23.97	−28 21.6	1.761	2.634	13.8	19.1

520162 2014 CY_{25} 5 5.6 63.°78 1.°4/ 4.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.78	−14 3.3	2.067	2.915	12.3	21.4
4 11	15 9.00	−13 36.1	2.001	2.927	9.1	21.2
4 21	15 2.43	−13 3.6	1.960	2.938	5.5	21.0
5 1	14 54.74	−12 28.8	1.945	2.949	2.0	20.8
5 11	14 46.79	−11 55.4	1.958	2.961	2.9	20.9
5 21	14 39.42	−11 27.2	1.999	2.972	6.5	21.2
5 31	14 33.37	−11 7.2	2.065	2.984	9.9	21.4
6 10	14 29.14	−10 57.7	2.154	2.995	12.8	21.6

470600 2008 PA_{7} 5 5.6 285.°50 3.°3/ 3.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.45	−10 38.8	1.776	2.635	13.6	21.3
4 11	15 10.06	− 9 48.2	1.683	2.613	10.2	21.1
4 21	15 3.41	− 8 51.7	1.613	2.591	6.5	20.8
5 1	14 55.14	− 7 54.0	1.569	2.569	3.5	20.6
5 11	14 46.23	− 7 1.0	1.551	2.547	4.9	20.6
5 21	14 37.72	− 6 18.3	1.560	2.524	8.9	20.8
5 31	14 30.61	− 5 50.6	1.593	2.502	12.9	21.0
6 10	14 25.66	− 5 40.4	1.646	2.479	16.5	21.1

244067 2001 TD_{130} 5 5.6 245.°76 1.°2/ 4.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 12.57	−15 33.7	2.341	3.184	11.3	20.9
4 11	15 8.06	−14 45.0	2.252	3.175	8.4	20.7
4 21	15 1.88	−13 48.6	2.188	3.166	5.1	20.4
5 1	14 54.59	−12 47.8	2.152	3.156	1.8	20.2
5 11	14 46.95	−11 46.8	2.145	3.147	2.8	20.2
5 21	14 39.72	−10 50.2	2.166	3.137	6.2	20.4
5 31	14 33.61	−10 2.2	2.213	3.127	9.6	20.6
6 10	14 29.14	− 9 25.8	2.284	3.117	12.5	20.8

173261 1999 RQ_{156} 5 5.6 287.°98 4.°0/ 7.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 18.62	−25 54.4	1.554	2.384	16.6	20.2
4 11	15 14.00	−26 14.2	1.450	2.356	13.3	19.9
4 21	15 6.30	−26 18.3	1.366	2.329	9.3	19.6
5 1	14 56.19	−26 4.4	1.306	2.300	5.3	19.3
5 11	14 44.90	−25 32.8	1.271	2.272	4.4	19.2
5 21	14 33.91	−24 47.5	1.261	2.244	8.3	19.3
5 31	14 24.72	−23 55.6	1.275	2.215	13.0	19.5
6 10	14 18.42	−23 5.8	1.310	2.187	17.4	19.7

315975 2009 BX_{156} 5 5.6 290.°83 5.°8/ 8.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 18.78	−28 57.1	1.449	2.273	17.9	20.5
4 11	15 14.26	−29 34.2	1.359	2.257	14.5	20.3
4 21	15 6.48	−29 53.2	1.288	2.242	10.7	20.0
5 1	14 56.23	−29 50.4	1.239	2.226	7.0	19.7
5 11	14 44.90	−29 25.2	1.215	2.210	6.0	19.6
5 21	14 34.08	−28 41.4	1.215	2.195	8.9	19.7
5 31	14 25.34	−27 47.0	1.238	2.180	13.2	19.9
6 10	14 19.73	−26 51.4	1.282	2.165	17.3	20.1

370764 2004 RM_{277} 5 5.6 146.°94 3.°4/ 8.3 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 19.83	−28 10.1	2.542	3.331	12.1	22.7
4 11	15 13.39	−28 25.6	2.463	3.343	9.6	22.5
4 21	15 5.10	−28 28.7	2.408	3.355	6.8	22.3
5 1	14 55.61	−28 18.8	2.379	3.365	4.2	22.2
5 11	14 45.78	−27 57.0	2.380	3.375	3.5	22.2
5 21	14 36.48	−27 26.1	2.410	3.385	5.5	22.3
5 31	14 28.48	−26 50.2	2.468	3.393	8.2	22.5
6 10	14 22.35	−26 14.1	2.550	3.401	10.8	22.7

24215 Jongastel 5 5.6 290°.41 0°.7/ 5.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 15.89	−17 1.6	1.536	2.392	15.5	18.4
4 11	15 11.37	−16 33.2	1.458	2.386	11.6	18.1
4 21	15 4.28	−15 54.1	1.402	2.381	7.1	17.8
5 1	14 55.43	−15 7.3	1.370	2.375	2.2	17.5
5 11	14 45.98	−14 17.9	1.364	2.369	3.1	17.6
5 21	14 37.18	−13 31.9	1.384	2.364	8.0	17.8
5 31	14 30.14	−12 55.1	1.428	2.358	12.6	18.1
6 10	14 25.60	−12 31.9	1.492	2.353	16.5	18.3

313766 2003 WP_{156} 5 5.6 262°.18 3°.2/ 3.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 17.44	−10 42.0	1.706	2.561	14.2	20.9
4 11	15 12.41	− 9 58.7	1.613	2.542	10.7	20.6
4 21	15 4.91	− 9 9.8	1.544	2.522	6.8	20.4
5 1	14 55.65	− 8 19.9	1.500	2.501	3.5	20.1
5 11	14 45.68	− 7 34.5	1.483	2.480	4.9	20.1
5 21	14 36.13	− 6 59.2	1.493	2.458	9.1	20.3
5 31	14 28.10	− 6 38.4	1.527	2.437	13.3	20.5
6 10	14 22.40	− 6 34.6	1.581	2.414	17.1	20.7

153852 2001 XH_{52} 5 5.6 228°.25 0°.2/ 5.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.65	−17 45.6	2.120	2.956	12.6	21.0
4 11	15 11.34	−17 19.7	2.028	2.945	9.5	20.8
4 21	15 4.02	−16 44.8	1.959	2.934	5.8	20.6
5 1	14 55.31	−16 3.0	1.918	2.923	1.8	20.3
5 11	14 46.12	−15 17.8	1.905	2.910	2.3	20.3
5 21	14 37.37	−14 33.7	1.920	2.898	6.4	20.5
5 31	14 29.92	−13 55.1	1.962	2.884	10.2	20.7
6 10	14 24.41	−13 25.9	2.027	2.871	13.5	20.9

360186 2013 CV_{179} 5 5.6 41°.57 2°.4/ 4.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 19.30	−11 49.5	1.171	2.043	18.1	20.5
4 11	15 14.33	−11 41.9	1.114	2.051	13.6	20.3
4 21	15 6.23	−11 30.1	1.077	2.058	8.3	20.0
5 1	14 56.05	−11 17.9	1.062	2.067	3.2	19.7
5 11	14 45.33	−11 9.9	1.072	2.075	4.5	19.8
5 21	14 35.62	−11 10.1	1.106	2.084	9.7	20.1
5 31	14 28.22	−11 22.1	1.161	2.094	14.6	20.4
6 10	14 23.90	−11 47.3	1.235	2.104	18.8	20.7

455704 2005 EO_{241} 5 5.6 15°.63 8°.3/ 2.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 11.81	− 2 35.2	0.932	1.829	19.4	19.8
4 11	15 9.01	− 1 44.9	0.891	1.836	15.0	19.6
4 21	15 3.03	− 1 2.3	0.868	1.845	10.7	19.4
5 1	14 55.02	− 0 36.6	0.865	1.856	8.3	19.3
5 11	14 46.60	− 0 35.2	0.883	1.869	9.8	19.4
5 21	14 39.31	− 1 0.8	0.921	1.884	13.7	19.7
5 31	14 34.40	− 1 52.0	0.978	1.900	17.8	20.0
6 10	14 32.52	− 3 4.5	1.051	1.918	21.5	20.3

468569 2006 XJ_{17} 5 5.6 223°.16 6°.5/12.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 18.16	−42 41.2	3.108	3.812	11.8	21.7
4 11	15 12.27	−42 59.1	3.002	3.800	10.3	21.5
4 21	15 4.50	−43 0.0	2.918	3.789	8.6	21.4
5 1	14 55.46	−42 41.7	2.858	3.777	7.2	21.3
5 11	14 45.98	−42 4.0	2.824	3.764	6.5	21.2
5 21	14 36.92	−41 8.9	2.817	3.751	6.9	21.2
5 31	14 29.08	−40 0.5	2.837	3.737	8.2	21.3
6 10	14 23.05	−38 44.6	2.882	3.723	10.0	21.4

453077 2007 VD_{11} 5 5.6 234°.28 1°.2/ 7.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 10.07	−23 18.0	4.168	4.972	7.5	22.9
4 11	15 5.62	−23 9.3	4.062	4.958	5.7	22.8
4 21	15 0.16	−22 54.1	3.981	4.943	3.8	22.6
5 1	14 54.04	−22 33.1	3.930	4.928	1.8	22.5
5 11	14 47.68	−22 7.6	3.908	4.912	1.5	22.4
5 21	14 41.53	−21 39.3	3.917	4.896	3.4	22.5
5 31	14 36.00	−21 10.3	3.955	4.880	5.4	22.7
6 10	14 31.42	−20 42.9	4.019	4.864	7.3	22.8

350634 2001 TZ_{59} 5 5.6 200°.07 0°.8/ 6.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.66	−20 29.2	2.945	3.763	9.9	22.3
4 11	15 9.33	−20 18.7	2.852	3.758	7.5	22.1
4 21	15 2.55	−20 0.9	2.785	3.753	4.7	21.9
5 1	14 54.82	−19 36.5	2.746	3.748	1.8	21.7
5 11	14 46.77	−19 7.7	2.736	3.742	1.7	21.7
5 21	14 39.06	−18 37.0	2.757	3.736	4.6	21.9
5 31	14 32.30	−18 7.5	2.805	3.729	7.4	22.0
6 10	14 26.95	−17 42.1	2.879	3.721	9.9	22.2

158104 2000 YE_5 5 5.6 216°.46 15°.3/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 31.00	+15 43.0	1.235	2.056	20.6	19.8
4 11	15 23.10	+16 32.8	1.177	2.051	18.1	19.7
4 21	15 11.65	+16 55.5	1.136	2.046	16.1	19.5
5 1	14 57.80	+16 39.4	1.117	2.041	15.3	19.4
5 11	14 43.30	+15 38.1	1.119	2.035	16.2	19.5
5 21	14 29.92	+13 53.1	1.143	2.028	18.5	19.6
5 31	14 19.16	+11 31.9	1.187	2.021	21.4	19.7
6 10	14 11.87	+ 8 45.5	1.248	2.014	24.3	19.9

372947 2011 BL_{74} 5 5.6 284°.73 0°.7/ 5.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 14.34	−17 32.7	1.732	2.583	14.2	20.8
4 11	15 10.04	−16 53.7	1.643	2.569	10.7	20.5
4 21	15 3.42	−16 3.4	1.577	2.555	6.6	20.2
5 1	14 55.17	−15 4.6	1.535	2.540	2.1	19.9
5 11	14 46.33	−14 2.6	1.521	2.526	2.9	19.9
5 21	14 37.99	−13 3.5	1.533	2.512	7.6	20.2
5 31	14 31.16	−12 13.4	1.570	2.497	11.9	20.4
6 10	14 26.59	−11 36.8	1.628	2.483	15.6	20.6

217276 2004 BO_{129} 5 5.6 336°.60 0°.3/ 5.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 12.87	−17 45.3	1.271	2.141	17.1	20.3
4 11	15 9.62	−17 23.9	1.195	2.130	13.0	20.0
4 21	15 3.47	−16 49.6	1.138	2.120	8.0	19.7
5 1	14 55.23	−16 5.3	1.105	2.110	2.5	19.3
5 11	14 46.25	−15 16.8	1.095	2.102	3.2	19.3
5 21	14 37.95	−14 30.9	1.110	2.094	8.8	19.6
5 31	14 31.62	−13 54.7	1.146	2.087	13.9	19.9
6 10	14 28.14	−13 33.2	1.201	2.082	18.4	20.1

381552 2008 TJ_{68} 5 5.6 130°.88 0°.2/ 5.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 17.70	−16 12.1	2.155	2.991	12.4	21.3
4 11	15 11.94	−16 11.2	2.082	3.000	9.2	21.1
4 21	15 4.27	−16 4.4	2.033	3.008	5.7	20.9
5 1	14 55.38	−15 53.1	2.011	3.016	1.8	20.6
5 11	14 46.14	−15 39.7	2.018	3.023	2.2	20.7
5 21	14 37.45	−15 27.1	2.053	3.031	6.0	20.9
5 31	14 30.11	−15 18.3	2.115	3.037	9.5	21.2
6 10	14 24.68	−15 16.0	2.200	3.044	12.5	21.4

12182 Storm 5 5.6 224°.95 0°.6/ 5.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 17.53	−16 56.5	1.845	2.688	13.8	19.2
4 11	15 12.25	−16 26.6	1.759	2.680	10.4	18.9
4 21	15 4.69	−15 47.2	1.695	2.672	6.4	18.7
5 1	14 55.56	−15 0.9	1.658	2.662	2.0	18.4
5 11	14 45.89	−14 11.9	1.648	2.653	2.8	18.4
5 21	14 36.74	−13 25.5	1.666	2.643	7.2	18.6
5 31	14 29.11	−12 46.8	1.709	2.632	11.3	18.9
6 10	14 23.68	−12 19.7	1.774	2.621	14.9	19.1

105227 2000 PO_5 5 5.6 203°.42 4°.3/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 12.40	− 3 41.4	2.648	3.494	10.0	20.0
4 11	15 7.68	− 2 47.0	2.572	3.490	7.7	19.8
4 21	15 1.54	− 1 53.7	2.521	3.486	5.4	19.7
5 1	14 54.49	− 1 5.5	2.499	3.482	4.3	19.6
5 11	14 47.18	− 0 26.5	2.505	3.477	5.3	19.6
5 21	14 40.25	+ 0 0.6	2.538	3.472	7.5	19.8
5 31	14 34.28	+ 0 13.9	2.598	3.467	10.0	19.9
6 10	14 29.72	+ 0 12.9	2.679	3.461	12.2	20.1

297916 2002 DK_8 5 5.6 104°.88 0°.5/ 5.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.17	−15 1.8	2.598	3.431	10.6	21.3
4 11	15 10.43	−14 59.1	2.532	3.449	7.9	21.2
4 21	15 3.18	−14 52.1	2.492	3.466	4.8	21.0
5 1	14 55.00	−14 42.3	2.479	3.484	1.5	20.8
5 11	14 46.62	−14 31.7	2.496	3.501	2.0	20.8
5 21	14 38.73	−14 22.7	2.542	3.518	5.2	21.1
5 31	14 31.95	−14 17.3	2.616	3.534	8.1	21.3
6 10	14 26.76	−14 17.6	2.715	3.550	10.7	21.5

117160 2004 QR_{17} 5 5.6 289°.98 5°.8/ 9.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.31	−32 48.4	1.807	2.604	15.9	19.3
4 11	15 11.88	−32 57.8	1.704	2.583	13.2	19.1
4 21	15 4.76	−32 46.5	1.621	2.561	10.0	18.8
5 1	14 55.66	−32 11.8	1.561	2.539	7.0	18.6
5 11	14 45.73	−31 14.4	1.527	2.517	5.8	18.5
5 21	14 36.26	−29 58.7	1.519	2.496	7.8	18.6
5 31	14 28.49	−28 32.4	1.536	2.474	11.3	18.7
6 10	14 23.30	−27 5.1	1.575	2.452	15.0	18.9

262120 2006 SR_{18} 5 5.6 293°.47 2°.3/ 4.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.01	−13 17.9	1.492	2.355	15.5	20.7
4 11	15 11.77	−12 44.6	1.397	2.329	11.7	20.4
4 21	15 4.77	−12 2.8	1.323	2.303	7.3	20.0
5 1	14 55.69	−11 16.4	1.273	2.277	2.9	19.7
5 11	14 45.67	−10 31.0	1.249	2.251	4.4	19.7
5 21	14 36.04	− 9 53.0	1.250	2.225	9.4	19.9
5 31	14 28.08	− 9 28.0	1.274	2.199	14.3	20.1
6 10	14 22.74	− 9 20.0	1.317	2.173	18.6	20.3

83447 2001 SX_{58} 5 5.6 244°.39 0°.6/ 6.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.40	−18 25.7	2.350	3.180	11.7	19.2
4 11	15 11.02	−18 32.7	2.258	3.171	8.8	19.0
4 21	15 3.77	−18 33.1	2.190	3.162	5.5	18.8
5 1	14 55.26	−18 27.5	2.150	3.153	2.0	18.5
5 11	14 46.26	−18 17.7	2.138	3.144	2.0	18.5
5 21	14 37.64	−18 6.2	2.155	3.135	5.6	18.7
5 31	14 30.18	−17 55.9	2.199	3.125	9.0	18.9
6 10	14 24.50	−17 50.0	2.267	3.116	12.0	19.1

144832 2004 JE_{23} 5 5.6 327.°90 0.°9/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 13.13	−15 18.4	1.947	2.798	12.9	19.8
4 11	15 8.84	−15 0.3	1.864	2.790	9.6	19.6
4 21	15 2.53	−14 35.5	1.804	2.783	5.9	19.4
5 1	14 54.87	−14 6.6	1.770	2.775	1.9	19.1
5 11	14 46.74	−13 37.0	1.764	2.768	2.7	19.1
5 21	14 39.09	−13 10.7	1.784	2.762	6.8	19.4
5 31	14 32.76	−12 51.4	1.830	2.755	10.6	19.6
6 10	14 28.39	−12 42.1	1.897	2.750	13.9	19.8

435316 2007 UK_{111} 5 5.6 72.°45 1.°1/ 6.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 17.86	−19 18.0	2.034	2.867	13.1	21.6
4 11	15 12.23	−19 36.2	1.962	2.875	9.9	21.4
4 21	15 4.54	−19 46.6	1.912	2.884	6.3	21.2
5 1	14 55.49	−19 49.7	1.890	2.892	2.5	21.0
5 11	14 46.05	−19 46.9	1.895	2.901	2.3	21.0
5 21	14 37.17	−19 40.8	1.929	2.910	6.0	21.2
5 31	14 29.73	−19 34.9	1.988	2.919	9.6	21.4
6 10	14 24.34	−19 32.4	2.071	2.927	12.7	21.7

382251 2012 TJ_{25} 5 5.6 228.°88 1.°7/ 2.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.20	− 8 3.7	4.907	5.748	5.8	21.4
4 11	15 1.84	− 7 30.8	4.822	5.743	4.3	21.3
4 21	14 57.78	− 6 57.3	4.764	5.737	2.8	21.2
5 1	14 53.28	− 6 24.9	4.736	5.731	1.7	21.1
5 11	14 48.66	− 5 55.3	4.737	5.725	2.3	21.1
5 21	14 44.20	− 5 30.1	4.768	5.719	3.8	21.2
5 31	14 40.21	− 5 10.6	4.826	5.712	5.4	21.3
6 10	14 36.92	− 4 57.4	4.909	5.706	6.8	21.4

349413 2007 YT_{54} 5 5.6 30.°00 6.°5/ 2.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 17.24	+ 1 7.0	1.745	2.598	14.1	19.6
4 11	15 11.74	+ 1 20.0	1.693	2.611	11.0	19.4
4 21	15 4.18	+ 1 24.3	1.663	2.624	8.1	19.3
5 1	14 55.35	+ 1 15.5	1.659	2.638	6.5	19.2
5 11	14 46.29	+ 0 50.8	1.680	2.653	7.4	19.3
5 21	14 37.97	+ 0 9.6	1.728	2.668	10.0	19.5
5 31	14 31.22	− 0 47.0	1.799	2.684	12.9	19.7
6 10	14 26.61	− 1 56.6	1.891	2.700	15.6	19.9

351206 2004 GP_{59} 5 5.6 353.°95 5.°8/ 9.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 12.12	−32 19.7	1.649	2.462	16.6	19.6
4 11	15 8.73	−32 32.5	1.568	2.456	13.6	19.4
4 21	15 2.75	−32 24.0	1.507	2.452	10.2	19.2
5 1	14 54.99	−31 52.5	1.468	2.448	7.1	19.0
5 11	14 46.64	−30 59.5	1.454	2.446	5.9	18.9
5 21	14 38.95	−29 50.4	1.465	2.444	7.8	19.0
5 31	14 33.03	−28 33.2	1.500	2.443	11.1	19.2
6 10	14 29.65	−27 16.6	1.556	2.444	14.5	19.4

355610 2008 DF_{27} 5 5.6 22.°97 7.°8/11.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 19.26	−39 31.6	2.295	3.038	14.6	20.3
4 11	15 13.68	−40 29.7	2.212	3.039	12.5	20.2
4 21	15 5.67	−41 9.7	2.149	3.041	10.4	20.0
5 1	14 55.92	−41 27.8	2.109	3.043	8.6	19.9
5 11	14 45.53	−41 22.8	2.095	3.045	7.8	19.9
5 21	14 35.63	−40 56.5	2.106	3.047	8.5	19.9
5 31	14 27.31	−40 13.7	2.143	3.049	10.2	20.0
6 10	14 21.34	−39 21.4	2.201	3.051	12.3	20.2

519944 2013 RV_{106} 5 5.6 195.°73 4.°0/ 2.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.89	− 6 23.2	2.251	3.098	11.5	22.5
4 11	15 10.51	− 5 32.2	2.174	3.095	8.7	22.3
4 21	15 3.38	− 4 40.5	2.121	3.092	5.8	22.1
5 1	14 55.12	− 3 52.5	2.097	3.088	4.0	22.0
5 11	14 46.53	− 3 12.7	2.100	3.084	5.2	22.1
5 21	14 38.39	− 2 44.6	2.132	3.079	8.0	22.2
5 31	14 31.46	− 2 30.7	2.189	3.073	11.0	22.4
6 10	14 26.25	− 2 31.8	2.268	3.067	13.6	22.6

201608 2003 SK_{198} 5 5.6 262.°92 3.°9/ 8.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 17.12	−28 50.8	2.191	2.991	13.4	20.8
4 11	15 11.95	−28 57.8	2.085	2.971	10.8	20.5
4 21	15 4.56	−28 50.0	2.002	2.951	7.8	20.3
5 1	14 55.57	−28 26.2	1.944	2.931	4.9	20.1
5 11	14 45.93	−27 47.4	1.913	2.910	4.0	20.0
5 21	14 36.64	−26 57.0	1.911	2.888	6.4	20.1
5 31	14 28.70	−26 0.5	1.934	2.867	9.7	20.3
6 10	14 22.84	−25 4.2	1.982	2.845	12.9	20.4

393845 2005 SD_{147} 5 5.6 253.°99 2.°0/ 3.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 11.72	−12 50.7	2.402	3.249	10.9	21.2
4 11	15 7.38	−12 2.0	2.319	3.244	8.1	21.0
4 21	15 1.45	−11 8.0	2.260	3.238	4.9	20.8
5 1	14 54.51	−10 12.2	2.230	3.232	2.2	20.6
5 11	14 47.25	− 9 18.7	2.227	3.226	3.3	20.7
5 21	14 40.39	− 8 31.7	2.254	3.220	6.4	20.9
5 31	14 34.60	− 7 54.6	2.306	3.214	9.5	21.1
6 10	14 30.37	− 7 29.6	2.381	3.207	12.3	21.2

430778 2004 TB_{31} 5 5.6 237.°75 6.°2/ 9.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 23.05	−33 12.3	2.250	3.020	14.0	21.8
4 11	15 16.57	−34 8.3	2.149	3.007	11.7	21.6
4 21	15 7.53	−34 50.2	2.070	2.994	9.1	21.4
5 1	14 56.57	−35 14.2	2.016	2.980	6.9	21.2
5 11	14 44.73	−35 18.5	1.990	2.965	6.2	21.1
5 21	14 33.20	−35 4.5	1.991	2.950	7.7	21.2
5 31	14 23.14	−34 36.4	2.019	2.935	10.2	21.3
6 10	14 15.42	−34 0.8	2.070	2.919	13.0	21.5

438069 2004 RS_{111} 5 5.6 280.°78 5.°8/11.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.53	−37 40.1	2.559	3.311	13.0	20.9
4 11	15 10.61	−37 41.3	2.445	3.287	11.0	20.7
4 21	15 3.65	−37 24.0	2.352	3.263	8.8	20.5
5 1	14 55.27	−36 46.1	2.284	3.239	6.8	20.4
5 11	14 46.34	−35 48.2	2.243	3.215	5.8	20.3
5 21	14 37.80	−34 33.2	2.228	3.191	6.8	20.3
5 31	14 30.55	−33 6.7	2.241	3.166	9.0	20.4
6 10	14 25.24	−31 35.9	2.279	3.141	11.5	20.5

66244 1999 FW_{28} 5 5.6 352.°63 0.°5/ 5.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 12.96	−17 35.0	1.021	1.904	19.3	18.8
4 11	15 10.26	−17 46.8	0.955	1.896	14.7	18.5
4 21	15 4.15	−17 47.4	0.908	1.890	9.2	18.2
5 1	14 55.54	−17 38.0	0.880	1.886	3.1	17.8
5 11	14 46.04	−17 22.7	0.875	1.882	3.3	17.8
5 21	14 37.38	−17 6.9	0.892	1.881	9.5	18.1
5 31	14 31.11	−16 57.0	0.928	1.881	15.1	18.4
6 10	14 28.20	−16 58.3	0.982	1.882	19.9	18.7

300940 2008 CQ_{140} 5 5.6 104.°87 1.°3/ 4.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.39	−13 47.6	2.494	3.335	10.7	21.7
4 11	15 8.44	−13 14.6	2.428	3.349	7.9	21.5
4 21	15 2.01	−12 37.2	2.386	3.363	4.8	21.3
5 1	14 54.67	−11 58.0	2.373	3.377	1.8	21.1
5 11	14 47.14	−11 20.4	2.389	3.391	2.6	21.2
5 21	14 40.10	−10 47.6	2.434	3.404	5.7	21.4
5 31	14 34.17	−10 22.4	2.505	3.417	8.7	21.7
6 10	14 29.77	−10 6.8	2.600	3.430	11.2	21.8

98645 2000 WF_{129} 5 5.6 17.°75 1.°7/ 6.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.44	−22 34.1	1.139	2.005	19.0	18.1
4 11	15 10.20	−22 13.4	1.079	2.009	14.5	17.8
4 21	15 3.83	−21 33.2	1.038	2.015	9.3	17.5
5 1	14 55.37	−20 35.9	1.018	2.021	3.8	17.2
5 11	14 46.35	−19 28.1	1.021	2.028	3.1	17.2
5 21	14 38.33	−18 18.6	1.048	2.036	8.6	17.5
5 31	14 32.59	−17 16.6	1.096	2.045	13.7	17.8
6 10	14 29.88	−16 29.3	1.164	2.055	18.1	18.1

317795 2003 SR_{182} 5 5.6 256.°82 4.°2/ 8.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 19.27	−27 25.4	1.660	2.479	16.2	21.3
4 11	15 14.16	−27 40.4	1.567	2.466	12.9	21.1
4 21	15 6.20	−27 38.6	1.496	2.453	9.1	20.8
5 1	14 56.18	−27 18.1	1.448	2.440	5.5	20.6
5 11	14 45.31	−26 40.0	1.427	2.426	4.5	20.5
5 21	14 34.97	−25 48.8	1.431	2.412	7.7	20.6
5 31	14 26.44	−24 51.7	1.460	2.398	11.8	20.8
6 10	14 20.64	−23 56.8	1.511	2.384	15.7	21.0

47394 1999 XE_{110} 5 5.6 288.°77 2.°0/ 4.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 18.72	−13 16.1	1.259	2.127	17.4	18.7
4 11	15 14.12	−13 2.4	1.181	2.115	13.2	18.4
4 21	15 6.35	−12 42.0	1.123	2.104	8.1	18.0
5 1	14 56.25	−12 18.1	1.088	2.092	3.0	17.7
5 11	14 45.23	−11 55.9	1.077	2.081	4.3	17.7
5 21	14 34.86	−11 40.5	1.090	2.070	9.8	18.0
5 31	14 26.59	−11 37.1	1.126	2.058	15.0	18.3
6 10	14 21.39	−11 48.5	1.180	2.047	19.5	18.5

410250 2007 TF_{93} 5 5.6 71.°52 1.°1/ 5.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 19.29	−15 9.1	1.405	2.263	16.5	20.9
4 11	15 13.82	−14 52.1	1.350	2.279	12.3	20.7
4 21	15 5.70	−14 27.4	1.316	2.296	7.4	20.4
5 1	14 55.90	−13 58.0	1.307	2.312	2.4	20.2
5 11	14 45.78	−13 28.8	1.324	2.329	3.3	20.3
5 21	14 36.61	−13 4.6	1.366	2.345	8.2	20.6
5 31	14 29.48	−12 50.0	1.432	2.362	12.6	20.9
6 10	14 25.02	−12 47.5	1.519	2.378	16.3	21.2

181234 2005 TM_{130} 5 5.6 274.°44 1.°8/ 3.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 11.65	−13 32.1	2.342	3.189	11.1	20.1
4 11	15 7.39	−12 42.9	2.256	3.181	8.2	19.9
4 21	15 1.51	−11 47.7	2.195	3.173	5.0	19.6
5 1	14 54.56	−10 49.8	2.162	3.165	2.1	19.4
5 11	14 47.27	− 9 53.7	2.157	3.156	3.2	19.5
5 21	14 40.39	− 9 3.7	2.180	3.148	6.5	19.7
5 31	14 34.58	− 8 23.5	2.229	3.139	9.7	19.9
6 10	14 30.38	− 7 55.6	2.301	3.131	12.5	20.0

222613 2001 XZ_{67} 5 5.6 142°.13 1°.4/ 4.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 17.80	−13 28.7	2.345	3.181	11.5	21.5
4 11	15 11.80	−13 4.7	2.276	3.194	8.5	21.3
4 21	15 4.11	−12 36.3	2.231	3.207	5.2	21.1
5 1	14 55.36	−12 5.9	2.215	3.219	1.9	20.9
5 11	14 46.38	−11 36.8	2.228	3.230	2.8	21.0
5 21	14 37.94	−11 12.0	2.270	3.240	6.1	21.2
5 31	14 30.75	−10 54.5	2.339	3.250	9.3	21.4
6 10	14 25.32	−10 46.2	2.432	3.259	12.0	21.6

331607 2001 XA_{96} 5 5.6 227°.32 1°.8/ 6.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.59	−23 37.0	1.984	2.809	13.7	20.9
4 11	15 11.51	−23 19.6	1.894	2.802	10.6	20.7
4 21	15 4.24	−22 48.6	1.827	2.794	6.9	20.5
5 1	14 55.47	−22 4.8	1.786	2.787	3.1	20.2
5 11	14 46.20	−21 11.3	1.773	2.778	2.5	20.1
5 21	14 37.45	−20 13.2	1.788	2.770	6.3	20.4
5 31	14 30.16	−19 16.2	1.828	2.761	10.1	20.6
6 10	14 25.00	−18 26.1	1.892	2.752	13.6	20.8

460288 2014 QC_{357} 5 5.6 75°.34 3°.3/ 3.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.96	−11 28.1	1.415	2.281	16.0	20.9
4 11	15 12.07	−10 36.9	1.357	2.290	11.9	20.7
4 21	15 4.63	− 9 40.3	1.321	2.300	7.4	20.4
5 1	14 55.58	− 8 43.9	1.309	2.310	3.6	20.2
5 11	14 46.16	− 7 54.6	1.322	2.320	5.1	20.4
5 21	14 37.60	− 7 18.0	1.361	2.330	9.4	20.6
5 31	14 30.96	− 6 58.2	1.423	2.340	13.6	20.9
6 10	14 26.86	− 6 56.6	1.504	2.350	17.2	21.1

274722 2008 UC_{163} 5 5.6 257°.75 4°.8/ 7.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 26.04	−26 34.7	2.050	2.847	14.3	20.6
4 11	15 18.97	−27 50.5	1.951	2.835	11.5	20.4
4 21	15 9.12	−28 57.2	1.876	2.823	8.4	20.2
5 1	14 57.15	−29 50.8	1.827	2.810	5.6	20.0
5 11	14 44.15	−30 28.7	1.808	2.798	5.1	19.9
5 21	14 31.39	−30 50.8	1.817	2.785	7.5	20.1
5 31	14 20.16	−31 0.2	1.853	2.772	10.8	20.2
6 10	14 11.40	−31 2.5	1.912	2.759	14.0	20.4

93941 2000 WF_{172} 5 5.6 174°.72 5°.5/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.30	− 6 30.9	1.882	2.742	12.9	19.3
4 11	15 8.83	− 4 35.8	1.815	2.743	9.7	19.1
4 21	15 2.46	− 2 37.4	1.773	2.743	6.8	18.9
5 1	14 54.87	− 0 43.8	1.759	2.744	5.6	18.9
5 11	14 46.98	+ 0 56.5	1.772	2.744	7.2	19.0
5 21	14 39.67	+ 2 17.0	1.812	2.744	10.2	19.1
5 31	14 33.73	+ 3 13.9	1.876	2.744	13.3	19.3
6 10	14 29.71	+ 3 46.4	1.960	2.744	16.0	19.5

431122 2006 JJ_{17} 5 5.6 49°.74 0°.8/ 4.9 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.08	−18 44.8	1.769	2.619	14.0	21.3
4 11	15 8.82	−17 37.3	1.701	2.626	10.4	21.1
4 21	15 2.49	−16 17.3	1.656	2.634	6.3	20.9
5 1	14 54.88	−14 49.5	1.638	2.643	2.0	20.6
5 11	14 47.00	−13 20.5	1.647	2.651	2.9	20.7
5 21	14 39.80	−11 57.6	1.683	2.660	7.2	21.0
5 31	14 34.12	−10 46.9	1.744	2.669	11.1	21.2
6 10	14 30.52	− 9 52.6	1.828	2.678	14.4	21.5

468486 2004 WZ_{11} 5 5.6 272°.36 2°.3/ 7.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.43	−25 55.0	2.057	2.872	13.6	21.0
4 11	15 11.53	−25 28.2	1.945	2.846	10.7	20.8
4 21	15 4.37	−24 44.8	1.857	2.819	7.3	20.5
5 1	14 55.57	−23 45.1	1.794	2.791	3.6	20.2
5 11	14 46.09	−22 31.9	1.759	2.763	2.8	20.1
5 21	14 36.98	−21 10.7	1.753	2.735	6.4	20.3
5 31	14 29.23	−19 48.6	1.773	2.706	10.4	20.5
6 10	14 23.60	−18 32.6	1.816	2.676	14.1	20.6

251880 1999 VM_{70} 5 5.6 165°.31 1°.1/ 4.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 18.77	−14 46.7	1.762	2.609	14.2	21.0
4 11	15 13.16	−14 28.2	1.688	2.612	10.6	20.8
4 21	15 5.25	−14 3.0	1.637	2.614	6.5	20.6
5 1	14 55.80	−13 33.8	1.612	2.617	2.2	20.3
5 11	14 45.90	−13 4.4	1.615	2.619	3.1	20.3
5 21	14 36.65	−12 39.0	1.644	2.620	7.4	20.6
5 31	14 29.01	−12 21.8	1.699	2.621	11.5	20.8
6 10	14 23.66	−12 15.4	1.776	2.622	14.9	21.1

263751 2008 JT_{28} 5 5.6 24°.37 2°.9/ 3.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.73	−12 18.0	1.610	2.472	14.6	20.8
4 11	15 10.27	−11 25.6	1.541	2.472	10.8	20.6
4 21	15 3.51	−10 26.5	1.494	2.474	6.7	20.3
5 1	14 55.24	− 9 26.1	1.473	2.475	3.1	20.1
5 11	14 46.56	− 8 30.6	1.478	2.476	4.6	20.2
5 21	14 38.55	− 7 45.7	1.508	2.478	8.7	20.5
5 31	14 32.17	− 7 15.9	1.563	2.479	12.7	20.7
6 10	14 28.07	− 7 3.3	1.638	2.481	16.1	20.9

501696 2014 UA_{5} 5 5.6 264°.72 2°.1/ 4.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 18.58	−13 10.7	1.638	2.491	14.8	22.2
4 11	15 13.47	−12 40.5	1.543	2.470	11.2	21.9
4 21	15 5.73	−12 2.9	1.470	2.449	6.9	21.6
5 1	14 56.05	−11 21.5	1.423	2.427	2.7	21.3
5 11	14 45.55	−10 41.2	1.403	2.404	4.0	21.3
5 21	14 35.45	−10 7.4	1.408	2.381	8.7	21.5
5 31	14 26.96	− 9 45.1	1.439	2.358	13.3	21.7
6 10	14 20.94	− 9 37.8	1.489	2.334	17.4	21.9

285110 1995 MA_{1} 5 5.6 286°.02 9°.4/27.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 22.80	+11 32.9	2.384	3.188	12.4	22.2
4 11	15 16.01	+12 38.6	2.273	3.140	10.8	22.0
4 21	15 7.06	+13 34.8	2.185	3.090	9.6	21.9
5 1	14 56.46	+14 14.2	2.124	3.040	9.5	21.8
5 11	14 45.04	+14 31.0	2.090	2.987	10.6	21.7
5 21	14 33.73	+14 21.7	2.081	2.934	12.7	21.8
5 31	14 23.46	+13 45.3	2.096	2.878	15.1	21.8
6 10	14 15.01	+12 44.2	2.131	2.822	17.4	21.9

217533 2006 XK_{61} 5 5.6 256°.70 3°.4/ 7.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 18.23	−26 4.9	1.798	2.618	15.1	20.1
4 11	15 13.13	−26 13.8	1.705	2.606	11.9	19.9
4 21	15 5.46	−26 7.6	1.634	2.594	8.3	19.6
5 1	14 55.95	−25 45.3	1.587	2.581	4.6	19.4
5 11	14 45.71	−25 8.6	1.567	2.568	3.7	19.3
5 21	14 35.97	−24 21.7	1.574	2.555	7.0	19.4
5 31	14 27.86	−23 30.9	1.606	2.542	11.0	19.6
6 10	14 22.21	−22 43.1	1.660	2.528	14.7	19.8

286018 2001 SK_{144} 5 5.6 146°.68 2°.3/ 3.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.03	−11 27.9	2.422	3.269	10.8	21.0
4 11	15 8.27	−10 37.8	2.350	3.274	8.0	20.8
4 21	15 1.97	− 9 43.8	2.303	3.280	5.0	20.6
5 1	14 54.72	− 8 49.6	2.284	3.285	2.5	20.4
5 11	14 47.23	− 7 59.3	2.294	3.289	3.5	20.5
5 21	14 40.20	− 7 16.7	2.332	3.294	6.5	20.7
5 31	14 34.26	− 6 44.8	2.396	3.298	9.4	20.9
6 10	14 29.89	− 6 25.2	2.483	3.302	12.0	21.1

357882 2005 UH_{441} 5 5.6 279°.01 7°.2/11.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 17.17	−39 58.9	2.440	3.179	13.9	20.8
4 11	15 12.09	−40 25.5	2.332	3.159	12.0	20.7
4 21	15 4.71	−40 33.3	2.244	3.139	9.9	20.5
5 1	14 55.69	−40 19.2	2.180	3.118	8.1	20.3
5 11	14 46.01	−39 42.4	2.141	3.098	7.2	20.2
5 21	14 36.71	−38 45.3	2.128	3.077	7.9	20.2
5 31	14 28.83	−37 32.8	2.141	3.056	9.8	20.3
6 10	14 23.12	−36 12.3	2.178	3.035	12.1	20.4

375805 2009 TY_{19} 5 5.6 238°.73 0°.7/ 5.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.79	−16 37.6	1.830	2.677	13.8	22.1
4 11	15 10.95	−16 7.2	1.748	2.672	10.3	21.9
4 21	15 3.92	−15 27.7	1.689	2.667	6.3	21.7
5 1	14 55.41	−14 42.0	1.657	2.662	2.0	21.4
5 11	14 46.41	−13 54.5	1.651	2.656	2.8	21.4
5 21	14 37.95	−13 10.2	1.673	2.650	7.1	21.7
5 31	14 30.99	−12 34.1	1.720	2.644	11.2	21.9
6 10	14 26.17	−12 9.7	1.788	2.639	14.7	22.1

86013 1999 JX_{98} 5 5.6 324°.83 6°.0/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 12.44	− 5 51.6	1.603	2.472	14.2	18.8
4 11	15 8.57	− 4 21.7	1.533	2.466	10.8	18.6
4 21	15 2.49	− 2 49.6	1.487	2.460	7.6	18.4
5 1	14 54.94	− 1 23.2	1.466	2.454	6.0	18.3
5 11	14 46.96	− 0 10.8	1.471	2.449	7.6	18.3
5 21	14 39.57	+ 0 41.3	1.501	2.444	11.0	18.5
5 31	14 33.72	+ 1 9.5	1.552	2.440	14.5	18.7
6 10	14 30.05	+ 1 13.6	1.623	2.435	17.6	18.9

64228 2001 TO_{115} 5 5.6 352°.95 3°.1/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 19.49	−22 15.8	1.273	2.124	18.3	18.5
4 11	15 14.77	−22 47.0	1.201	2.122	14.2	18.2
4 21	15 6.77	−23 4.6	1.149	2.120	9.5	18.0
5 1	14 56.41	−23 7.2	1.119	2.119	4.6	17.7
5 11	14 45.21	−22 56.1	1.114	2.118	3.9	17.6
5 21	14 34.79	−22 35.6	1.132	2.118	8.5	17.9
5 31	14 26.63	−22 12.5	1.174	2.118	13.4	18.2
6 10	14 21.68	−21 53.7	1.235	2.119	17.8	18.4

323122 2003 AC_{61} 5 5.6 117°.46 2°.8/ 3.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.65	−11 14.4	1.781	2.635	13.8	20.9
4 11	15 11.42	−10 30.1	1.716	2.644	10.2	20.7
4 21	15 4.09	− 9 41.6	1.675	2.653	6.3	20.5
5 1	14 55.42	− 8 53.2	1.660	2.661	3.1	20.3
5 11	14 46.44	− 8 10.2	1.672	2.669	4.3	20.4
5 21	14 38.14	− 7 37.0	1.711	2.677	8.1	20.7
5 31	14 31.39	− 7 17.1	1.775	2.685	11.7	20.9
6 10	14 26.78	− 7 12.1	1.860	2.693	14.9	21.1

162232 1999 TC_{154} 5 5.6 208°.11 0°.3/ 6.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 9.96	−18 51.9	4.520	5.336	6.7	21.9
4 11	15 5.46	−18 45.0	4.422	5.328	5.1	21.8
4 21	15 0.07	−18 34.0	4.351	5.321	3.1	21.6
5 1	14 54.10	−18 19.6	4.309	5.313	1.1	21.5
5 11	14 47.95	−18 3.0	4.298	5.304	1.1	21.5
5 21	14 41.99	−17 45.7	4.318	5.295	3.1	21.6
5 31	14 36.58	−17 29.3	4.367	5.286	5.1	21.7
6 10	14 32.03	−17 15.4	4.442	5.277	6.8	21.9

255858 2006 SF_{160} 5 5.6 135°.87 0°.7/ 5.1 17

4 1	15 19.02	−15 45.2	1.929	2.769	13.4	21.8
4 11	15 13.09	−15 25.8	1.860	2.780	10.0	21.6
4 21	15 5.09	−14 59.5	1.815	2.791	6.1	21.4
5 1	14 55.75	−14 28.6	1.797	2.801	1.9	21.1
5 11	14 46.09	−13 56.9	1.807	2.811	2.7	21.2
5 21	14 37.09	−13 28.2	1.844	2.820	6.7	21.5
5 31	14 29.62	−13 6.3	1.908	2.829	10.5	21.7
6 10	14 24.27	−12 54.2	1.994	2.837	13.7	21.9

429279 2010 CC_{115} 5 5.6 310°.62 2°.5/ 3.9 17

4 1	15 14.44	−11 28.6	1.839	2.695	13.3	21.2
4 11	15 9.89	−10 56.2	1.761	2.690	9.9	21.0
4 21	15 3.24	−10 19.6	1.707	2.685	6.1	20.8
5 1	14 55.20	− 9 42.4	1.678	2.680	2.8	20.6
5 11	14 46.70	− 9 9.2	1.676	2.675	4.0	20.6
5 21	14 38.72	− 8 44.1	1.701	2.671	7.8	20.8
5 31	14 32.16	− 8 30.6	1.751	2.666	11.6	21.1
6 10	14 27.65	− 8 30.5	1.822	2.662	14.9	21.3

131757 2002 AV_{2} 5 5.6 122°.95 9°.5/ 1.5 18

4 1	15 26.62	+ 9 4.1	1.749	2.570	15.4	19.7
4 11	15 18.63	+ 9 35.4	1.700	2.587	12.8	19.6
4 21	15 8.37	+ 9 51.0	1.674	2.604	10.5	19.5
5 1	14 56.76	+ 9 45.0	1.674	2.620	9.5	19.4
5 11	14 44.99	+ 9 14.4	1.700	2.635	10.3	19.5
5 21	14 34.18	+ 8 19.6	1.751	2.649	12.4	19.7
5 31	14 25.25	+ 7 3.5	1.826	2.663	14.9	19.9
6 10	14 18.76	+ 5 31.1	1.922	2.676	17.2	20.1

336189 2008 RD_{132} 5 5.6 194°.55 2°.3/ 3.7 18

4 1	15 15.80	−10 46.1	2.352	3.194	11.2	21.4
4 11	15 10.44	−10 11.9	2.270	3.192	8.4	21.2
4 21	15 3.38	− 9 34.5	2.214	3.190	5.2	21.0
5 1	14 55.21	− 8 57.2	2.186	3.186	2.5	20.8
5 11	14 46.70	− 8 23.4	2.186	3.183	3.6	20.9
5 21	14 38.63	− 7 56.6	2.215	3.178	6.7	21.0
5 31	14 31.71	− 7 39.6	2.270	3.174	9.8	21.2
6 10	14 26.47	− 7 33.9	2.348	3.168	12.6	21.4

149461 2003 DQ_{21} 5 5.6 340°.24 8°.4/29.3 17

4 1	15 11.45	− 1 20.8	1.435	2.310	15.2	19.3
4 11	15 8.04	+ 0 24.6	1.373	2.303	12.0	19.1
4 21	15 2.26	+ 2 7.7	1.332	2.297	9.3	18.9
5 1	14 54.90	+ 3 38.4	1.316	2.291	8.4	18.9
5 11	14 47.07	+ 4 47.3	1.324	2.286	10.1	19.0
5 21	14 39.89	+ 5 28.2	1.354	2.281	13.3	19.1
5 31	14 34.37	+ 5 38.9	1.404	2.277	16.6	19.3
6 10	14 31.17	+ 5 21.0	1.472	2.274	19.6	19.5

494618 2017 CN 5 5.6 135°.94 18°.3/20.7 18

4 1	15 20.05	+18 47.3	1.219	2.048	20.3	21.3
4 11	15 14.67	+21 53.3	1.197	2.058	18.8	21.2
4 21	15 6.32	+24 27.9	1.195	2.067	18.3	21.2
5 1	14 56.16	+26 16.4	1.211	2.075	18.8	21.3
5 11	14 45.70	+27 10.8	1.246	2.083	20.2	21.4
5 21	14 36.40	+27 11.4	1.297	2.090	22.0	21.5
5 31	14 29.40	+26 24.1	1.361	2.096	23.9	21.7
6 10	14 25.33	+24 58.7	1.436	2.102	25.5	21.9

243713 2000 FF_{7} 5 5.6 97°.08 2°.4/ 6.8 18

4 1	15 21.12	−22 7.3	1.374	2.217	17.7	21.1
4 11	15 15.64	−22 23.4	1.306	2.224	13.6	20.9
4 21	15 7.11	−22 25.6	1.259	2.230	8.9	20.6
5 1	14 56.49	−22 13.4	1.236	2.236	4.0	20.4
5 11	14 45.23	−21 49.3	1.237	2.242	3.4	20.3
5 21	14 34.86	−21 18.3	1.264	2.249	8.0	20.6
5 31	14 26.68	−20 47.1	1.315	2.254	12.7	20.9
6 10	14 21.50	−20 22.3	1.386	2.260	16.7	21.2

65012 2002 AE_{86} 5 5.6 229°.81 0°.1/ 5.7 18

4 1	15 18.08	−19 46.3	1.682	2.524	15.0	19.1
4 11	15 12.95	−19 9.9	1.595	2.515	11.4	18.8
4 21	15 5.30	−18 19.8	1.530	2.505	7.1	18.5
5 1	14 55.90	−17 18.5	1.491	2.495	2.3	18.2
5 11	14 45.88	−16 10.9	1.478	2.484	2.6	18.2
5 21	14 36.46	−15 3.7	1.493	2.473	7.5	18.5
5 31	14 28.71	−14 3.8	1.533	2.462	12.0	18.7
6 10	14 23.40	−13 16.8	1.594	2.450	15.9	18.9

476748 2008 UF_{59} 5 5.6 146°.70 1°.1/ 4.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 8.80	−12 31.8	4.091	4.925	7.0	22.3
4 11	15 4.61	−12 0.5	4.016	4.934	5.2	22.2
4 21	14 59.54	−11 26.8	3.967	4.943	3.1	22.1
5 1	14 53.94	−10 52.4	3.949	4.951	1.3	21.9
5 11	14 48.22	−10 19.6	3.961	4.959	1.9	22.0
5 21	14 42.75	− 9 50.0	4.002	4.967	3.9	22.2
5 31	14 37.90	− 9 25.5	4.072	4.975	5.9	22.3
6 10	14 33.96	− 9 7.2	4.167	4.982	7.6	22.4

275087 2009 VA_{7} 5 5.6 153°.13 2°.3/ 6.9 17

4 1	15 21.58	−21 51.1	1.963	2.784	14.0	20.5
4 11	15 15.27	−22 24.7	1.883	2.788	10.8	20.3
4 21	15 6.60	−22 49.2	1.826	2.791	7.1	20.1
5 1	14 56.30	−23 3.4	1.796	2.795	3.5	19.8
5 11	14 45.45	−23 8.0	1.794	2.798	2.9	19.8
5 21	14 35.14	−23 5.2	1.821	2.801	6.4	20.0
5 31	14 26.40	−22 58.9	1.873	2.803	10.1	20.3
6 10	14 19.96	−22 53.4	1.949	2.805	13.4	20.5

32591 2001 QV_{134} 5 5.6 169°.92 3°.9/ 8.9 18

4 1	15 15.85	−30 6.1	2.418	3.210	12.6	18.2
4 11	15 10.67	−30 11.1	2.332	3.211	10.1	18.0
4 21	15 3.61	−30 1.7	2.269	3.213	7.3	17.8
5 1	14 55.31	−29 37.5	2.231	3.214	4.8	17.7
5 11	14 46.62	−28 59.9	2.222	3.215	3.9	17.6
5 21	14 38.43	−28 12.2	2.240	3.216	5.7	17.7
5 31	14 31.51	−27 19.4	2.285	3.216	8.5	17.9
6 10	14 26.46	−26 26.8	2.355	3.217	11.2	18.1

347317 2011 QX_{75} 5 5.6 232°.99 1°.1/ 4.7 18

4 1	15 14.04	−14 53.4	2.346	3.187	11.3	21.4
4 11	15 9.22	−14 24.8	2.258	3.180	8.4	21.2
4 21	15 2.69	−13 50.3	2.195	3.172	5.1	20.9
5 1	14 55.02	−13 12.2	2.160	3.164	1.8	20.7
5 11	14 46.97	−12 34.0	2.153	3.156	2.6	20.7
5 21	14 39.32	−11 59.3	2.174	3.148	6.1	21.0
5 31	14 32.79	−11 31.6	2.222	3.139	9.4	21.1
6 10	14 27.93	−11 13.5	2.293	3.130	12.3	21.3

268945 2007 DR_{42} 5 5.6 96°.16 3°.4/ 3.5 17

4 1	15 17.36	− 9 39.2	1.680	2.537	14.3	20.6
4 11	15 12.04	− 8 59.8	1.619	2.548	10.6	20.4
4 21	15 4.51	− 8 17.9	1.582	2.559	6.7	20.1
5 1	14 55.59	− 7 38.2	1.570	2.570	3.6	20.0
5 11	14 46.36	− 7 5.6	1.585	2.581	4.9	20.1
5 21	14 37.87	− 6 44.2	1.627	2.592	8.6	20.3
5 31	14 31.03	− 6 36.9	1.693	2.602	12.3	20.6
6 10	14 26.42	− 6 44.5	1.779	2.612	15.5	20.8

470335 2007 RV_{49} 5 5.6 261°.59 0°.9/ 6.3 16

4 1	15 15.78	−20 32.0	2.206	3.035	12.4	22.7
4 11	15 10.80	−20 22.3	2.106	3.018	9.5	22.4
4 21	15 3.81	−20 2.8	2.030	3.001	6.0	22.2
5 1	14 55.42	−19 34.4	1.980	2.983	2.3	21.9
5 11	14 46.47	−18 59.8	1.959	2.965	2.1	21.9
5 21	14 37.88	−18 22.4	1.966	2.947	5.9	22.1
5 31	14 30.51	−17 46.7	1.999	2.928	9.6	22.3
6 10	14 25.03	−17 17.0	2.056	2.909	12.9	22.4

390456 2013 YF_{96} 5 5.6 244°.96 5°.3/ 1.5 17

4 1	15 14.12	− 2 38.1	2.071	2.924	12.1	21.1
4 11	15 9.36	− 1 47.6	2.000	2.922	9.4	21.0
4 21	15 2.79	− 0 59.7	1.954	2.919	6.7	20.8
5 1	14 55.05	− 0 19.5	1.934	2.917	5.4	20.7
5 11	14 46.97	+ 0 8.4	1.940	2.914	6.5	20.8
5 21	14 39.38	+ 0 20.8	1.974	2.911	9.1	20.9
5 31	14 33.04	+ 0 16.3	2.031	2.908	12.0	21.1
6 10	14 28.49	− 0 4.9	2.109	2.906	14.6	21.3

365817 2011 SJ_{114} 5 5.6 223°.53 3°.5/ 2.1 16

4 1	15 12.43	− 6 39.6	2.655	3.501	10.0	21.5
4 11	15 7.79	− 5 44.7	2.572	3.493	7.5	21.3
4 21	15 1.71	− 4 48.8	2.514	3.484	5.0	21.1
5 1	14 54.69	− 3 55.5	2.484	3.475	3.5	21.0
5 11	14 47.38	− 3 9.0	2.484	3.466	4.6	21.1
5 21	14 40.41	− 2 32.7	2.511	3.456	7.1	21.2
5 31	14 34.40	− 2 8.8	2.565	3.446	9.7	21.4
6 10	14 29.80	− 1 58.6	2.641	3.436	12.0	21.5

205667 2001 XY_{178} 5 5.6 193°.50 0°.8/ 5.1 16

4 1	15 19.52	−16 20.7	1.726	2.570	14.6	21.6
4 11	15 13.86	−15 55.1	1.647	2.569	10.9	21.3
4 21	15 5.78	−15 20.4	1.590	2.567	6.7	21.1
5 1	14 56.05	−14 39.5	1.560	2.565	2.1	20.8
5 11	14 45.80	−13 56.6	1.557	2.561	2.9	20.8
5 21	14 36.18	−13 16.8	1.581	2.558	7.5	21.1
5 31	14 28.22	−12 45.3	1.630	2.553	11.8	21.3
6 10	14 22.64	−12 25.6	1.701	2.548	15.4	21.5

466102 2012 CV_{23} 5 5.6 134.°79 0.°6/ 5.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 18.68	−17 18.6	1.797	2.639	14.2	22.0
4 11	15 12.98	−16 43.4	1.730	2.650	10.6	21.8
4 21	15 5.08	−15 58.6	1.685	2.661	6.5	21.6
5 1	14 55.78	−15 7.3	1.667	2.671	2.0	21.3
5 11	14 46.17	−14 14.3	1.676	2.681	2.7	21.4
5 21	14 37.28	−13 25.0	1.713	2.690	7.1	21.6
5 31	14 30.03	−12 44.3	1.776	2.699	11.0	21.9
6 10	14 25.00	−12 15.9	1.861	2.707	14.4	22.1

17982 Simcmillan 5 5.6 316.°86 3.°5/ 3.9 17

4 1	15 15.69	−10 40.9	1.271	2.145	16.9	18.1
4 11	15 11.78	−10 12.4	1.193	2.131	12.7	17.8
4 21	15 4.90	− 9 39.2	1.136	2.118	8.0	17.5
5 1	14 55.86	− 9 6.1	1.102	2.105	3.9	17.2
5 11	14 45.98	− 8 39.4	1.092	2.092	5.4	17.2
5 21	14 36.72	− 8 24.6	1.106	2.080	10.3	17.5
5 31	14 29.42	− 8 26.1	1.141	2.069	15.3	17.7
6 10	14 25.00	− 8 45.5	1.194	2.058	19.6	17.9

388994 2008 UD_{91} 5 5.6 269.°29 3.°7/ 7.7 18

4 1	15 20.88	−26 8.5	2.125	2.931	13.6	20.9
4 11	15 15.01	−26 43.1	2.015	2.906	10.9	20.6
4 21	15 6.65	−27 6.8	1.926	2.880	7.7	20.4
5 1	14 56.42	−27 17.5	1.865	2.854	4.7	20.1
5 11	14 45.27	−27 14.7	1.830	2.828	4.0	20.0
5 21	14 34.33	−27 0.2	1.824	2.801	6.8	20.1
5 31	14 24.72	−26 38.2	1.845	2.773	10.3	20.3
6 10	14 17.32	−26 14.1	1.889	2.745	13.7	20.5

396004 2013 BW_{59} 5 5.6 212.°85 5.°0/30.9 17

4 1	15 13.49	+ 0 21.2	2.790	3.629	9.8	21.5
4 11	15 8.48	+ 1 3.1	2.713	3.623	7.7	21.3
4 21	15 2.09	+ 1 41.0	2.661	3.616	5.8	21.2
5 1	14 54.81	+ 2 11.2	2.638	3.609	5.0	21.1
5 11	14 47.26	+ 2 30.6	2.642	3.602	5.8	21.2
5 21	14 40.07	+ 2 36.9	2.674	3.595	7.8	21.3
5 31	14 33.79	+ 2 29.1	2.732	3.587	10.0	21.4
6 10	14 28.87	+ 2 7.7	2.811	3.579	12.0	21.5

504782 2009 YV_{11} 5 5.6 106.°43 4.°2/ 2.9 17

4 1	15 17.12	− 5 43.2	1.937	2.789	12.9	21.3
4 11	15 11.62	− 5 13.7	1.874	2.798	9.7	21.1
4 21	15 4.17	− 4 45.6	1.835	2.806	6.5	21.0
5 1	14 55.49	− 4 23.1	1.822	2.815	4.3	20.8
5 11	14 46.52	− 4 9.8	1.836	2.823	5.3	20.9
5 21	14 38.16	− 4 8.6	1.877	2.832	8.4	21.1
5 31	14 31.23	− 4 20.8	1.943	2.840	11.6	21.3
6 10	14 26.28	− 4 46.3	2.031	2.848	14.4	21.5

69878 1998 SJ_{81} 5 5.6 182.°98 0.°4/ 5.9 18

4 1	15 16.13	−18 54.0	2.195	3.028	12.3	20.1
4 11	15 10.90	−18 43.7	2.113	3.028	9.3	19.9
4 21	15 3.76	−18 25.1	2.055	3.028	5.8	19.7
5 1	14 55.38	−17 59.5	2.024	3.028	2.0	19.5
5 11	14 46.61	−17 29.8	2.021	3.027	2.0	19.5
5 21	14 38.32	−16 59.5	2.046	3.026	5.8	19.7
5 31	14 31.31	−16 32.3	2.098	3.025	9.4	19.9
6 10	14 26.16	−16 11.8	2.174	3.024	12.4	20.1

437828 2015 EZ_{3} 5 5.6 90.°54 5.°4/ 2.3 18

4 1	15 19.12	− 1 29.0	1.961	2.806	13.0	20.8
4 11	15 12.91	− 0 58.3	1.912	2.828	10.0	20.6
4 21	15 4.84	− 0 32.9	1.886	2.850	7.1	20.5
5 1	14 55.67	− 0 17.1	1.888	2.871	5.5	20.4
5 11	14 46.36	− 0 14.3	1.917	2.892	6.4	20.5
5 21	14 37.77	− 0 26.1	1.973	2.912	9.0	20.7
5 31	14 30.68	− 0 52.8	2.053	2.933	11.8	20.9
6 10	14 25.57	− 1 33.1	2.155	2.952	14.3	21.1

110047 2001 SM_{90} 5 5.6 152.°62 0.°3/ 5.9 17 R

4 1	15 17.74	−19 11.9	2.088	2.920	12.9	21.3
4 11	15 12.09	−18 49.7	2.013	2.927	9.7	21.1
4 21	15 4.48	−18 18.0	1.961	2.934	6.0	20.9
5 1	14 55.60	−17 38.7	1.937	2.941	2.0	20.6
5 11	14 46.39	−16 55.4	1.941	2.947	2.1	20.6
5 21	14 37.77	−16 12.3	1.973	2.952	6.1	20.9
5 31	14 30.56	−15 33.9	2.032	2.957	9.7	21.1
6 10	14 25.33	−15 3.9	2.114	2.962	12.8	21.3

162513 2000 QQ_{86} 5 5.6 200.°28 4.°1/ 8.3 18

4 1	15 19.96	−28 9.1	1.693	2.508	16.2	20.3
4 11	15 14.51	−28 12.6	1.610	2.505	12.8	20.1
4 21	15 6.33	−27 57.9	1.547	2.503	9.1	19.8
5 1	14 56.27	−27 23.8	1.509	2.500	5.4	19.6
5 11	14 45.58	−26 32.5	1.497	2.496	4.3	19.5
5 21	14 35.57	−25 29.4	1.511	2.493	7.3	19.7
5 31	14 27.42	−24 22.2	1.551	2.488	11.3	19.9
6 10	14 21.92	−23 18.9	1.613	2.484	15.0	20.1

213566 2002 LX_{51} 5 5.6 313.°06 6.°2/ 2.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 15.10	− 5 19.6	1.344	2.218	16.1	20.0
4 11	15 11.10	− 4 23.5	1.270	2.205	12.4	19.8
4 21	15 4.36	− 3 27.1	1.217	2.192	8.6	19.5
5 1	14 55.67	− 2 37.9	1.188	2.180	6.2	19.3
5 11	14 46.27	− 2 3.5	1.182	2.168	7.8	19.4
5 21	14 37.50	− 1 49.4	1.200	2.156	11.8	19.6
5 31	14 30.56	− 1 58.6	1.239	2.145	16.0	19.8
6 10	14 26.28	− 2 30.6	1.296	2.135	19.8	20.0

291685 2006 HD_{98} 5 5.6 156.°98 0.°6/ 6.0 17

4 1	15 16.74	−18 58.6	2.092	2.926	12.8	21.3
4 11	15 11.43	−18 55.2	2.013	2.929	9.6	21.1
4 21	15 4.13	−18 43.5	1.958	2.931	6.0	20.9
5 1	14 55.52	−18 24.6	1.929	2.933	2.1	20.6
5 11	14 46.50	−18 1.1	1.929	2.935	2.1	20.6
5 21	14 38.00	−17 36.4	1.956	2.937	6.0	20.9
5 31	14 30.86	−17 14.4	2.010	2.938	9.6	21.1
6 10	14 25.68	−16 58.5	2.086	2.939	12.8	21.3

255603 2006 PD_{8} 5 5.6 270.°99 2.°8/ 7.2 17

4 1	15 18.61	−24 14.0	1.659	2.489	15.7	21.3
4 11	15 13.70	−24 19.5	1.562	2.471	12.3	21.1
4 21	15 6.00	−24 10.2	1.485	2.451	8.3	20.8
5 1	14 56.24	−23 45.4	1.434	2.432	4.2	20.5
5 11	14 45.58	−23 6.9	1.408	2.412	3.4	20.4
5 21	14 35.35	−22 19.2	1.408	2.392	7.5	20.6
5 31	14 26.83	−21 29.2	1.434	2.371	12.0	20.8
6 10	14 20.94	−20 44.0	1.480	2.351	16.1	21.0

52749 1998 KN_{8} 5 5.6 10.°42 6.°8/ 1.8 18

4 1	15 18.19	+ 4 9.3	2.088	2.925	12.7	18.4
4 11	15 12.32	+ 4 24.8	2.022	2.926	10.2	18.2
4 21	15 4.58	+ 4 30.7	1.979	2.927	7.9	18.1
5 1	14 55.64	+ 4 22.7	1.962	2.928	6.8	18.0
5 11	14 46.39	+ 3 58.1	1.972	2.930	7.7	18.1
5 21	14 37.70	+ 3 16.1	2.009	2.932	9.8	18.2
5 31	14 30.35	+ 2 17.7	2.070	2.933	12.4	18.4
6 10	14 24.88	+ 1 5.2	2.153	2.936	14.8	18.5

160750 2000 SR_{78} 5 5.6 149.°16 0.°8/ 5.0 17

4 1	15 17.29	−15 33.1	2.327	3.161	11.6	21.1
4 11	15 11.53	−15 10.6	2.254	3.171	8.7	21.0
4 21	15 4.04	−14 42.1	2.205	3.180	5.3	20.8
5 1	14 55.46	−14 9.8	2.184	3.189	1.7	20.5
5 11	14 46.61	−13 37.1	2.193	3.197	2.4	20.6
5 21	14 38.28	−13 7.1	2.230	3.204	5.9	20.8
5 31	14 31.19	−12 43.2	2.295	3.211	9.2	21.0
6 10	14 25.87	−12 27.8	2.383	3.217	12.0	21.2

437915 2002 GD_{32} 5 5.6 180.°80 0.°1/ 6.5 14 C

4 1	14 53.60	−19 25.6	49.757	50.576	0.7	23.0
4 11	14 53.01	−19 23.5	49.668	50.576	0.5	23.0
4 21	14 52.36	−19 21.1	49.607	50.576	0.3	23.0
5 1	14 51.68	−19 18.5	49.573	50.576	0.1	22.9
5 11	14 50.98	−19 15.6	49.570	50.575	0.1	22.9
5 21	14 50.30	−19 12.8	49.595	50.575	0.3	23.0
5 31	14 49.65	−19 9.9	49.649	50.575	0.5	23.0
6 10	14 49.06	−19 7.3	49.729	50.575	0.6	23.0

271060 2003 GZ_{48} 5 5.6 195.°68 7.°8/29.1 18

4 1	15 14.17	+ 0 57.5	1.801	2.658	13.5	20.5
4 11	15 9.60	+ 2 34.2	1.740	2.657	10.8	20.3
4 21	15 3.03	+ 4 6.1	1.703	2.657	8.5	20.2
5 1	14 55.16	+ 5 25.2	1.691	2.656	7.9	20.1
5 11	14 46.96	+ 6 24.4	1.705	2.655	9.3	20.2
5 21	14 39.35	+ 6 59.3	1.744	2.654	11.8	20.3
5 31	14 33.15	+ 7 8.5	1.804	2.653	14.6	20.5
6 10	14 28.96	+ 6 53.4	1.883	2.651	17.1	20.7

462335 2008 KP_{34} 5 5.6 332.°81 9.°3/28.6 17

4 1	15 11.46	+ 0 29.5	1.389	2.264	15.6	20.5
4 11	15 8.19	+ 2 17.4	1.326	2.254	12.6	20.3
4 21	15 2.45	+ 4 1.3	1.284	2.244	10.1	20.1
5 1	14 55.04	+ 5 30.3	1.265	2.235	9.4	20.1
5 11	14 47.11	+ 6 34.9	1.270	2.226	11.1	20.1
5 21	14 39.81	+ 7 8.8	1.297	2.218	14.2	20.3
5 31	14 34.20	+ 7 10.2	1.343	2.211	17.5	20.5
6 10	14 31.00	+ 6 41.4	1.406	2.204	20.5	20.7

155793 2000 TM_{37} 5 5.6 225.°04 2.°6/ 3.6 18

4 1	15 17.00	− 9 57.8	2.335	3.176	11.4	21.2
4 11	15 11.45	− 9 26.1	2.244	3.164	8.5	20.9
4 21	15 4.10	− 8 51.5	2.177	3.152	5.4	20.7
5 1	14 55.53	− 8 17.2	2.139	3.139	2.8	20.5
5 11	14 46.53	− 7 46.9	2.130	3.125	3.8	20.6
5 21	14 37.89	− 7 23.9	2.149	3.111	7.0	20.7
5 31	14 30.39	− 7 10.9	2.195	3.096	10.2	20.9
6 10	14 24.61	− 7 9.7	2.263	3.080	13.1	21.1

330027 2005 UF_{142} 5 5.6 248.°46 3.°7/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 17.18	− 7 51.9	2.076	2.924	12.3	21.4
4 11	15 11.84	− 7 10.3	1.983	2.906	9.3	21.1
4 21	15 4.47	− 6 26.7	1.914	2.887	6.1	20.9
5 1	14 55.68	− 5 45.0	1.872	2.868	3.8	20.7
5 11	14 46.34	− 5 9.9	1.858	2.848	5.0	20.7
5 21	14 37.37	− 4 45.5	1.871	2.827	8.3	20.9
5 31	14 29.64	− 4 34.7	1.910	2.806	11.8	21.1
6 10	14 23.83	− 4 39.0	1.971	2.784	14.9	21.2

248056 2004 LB_{8} 5 5.6 314.°31 8.°6/12.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.83	−42 13.3	2.110	2.849	15.8	19.6
4 11	15 11.48	−42 42.5	2.011	2.833	13.8	19.4
4 21	15 4.54	−42 49.2	1.929	2.817	11.6	19.2
5 1	14 55.75	−42 29.2	1.870	2.801	9.7	19.0
5 11	14 46.25	−41 41.7	1.835	2.785	8.6	18.9
5 21	14 37.29	−40 29.4	1.824	2.770	9.1	18.9
5 31	14 30.01	−38 58.9	1.838	2.756	11.0	19.0
6 10	14 25.23	−37 19.1	1.875	2.741	13.4	19.1

246578 2008 UH_{5} 5 5.6 182.°80 3.°0/ 1.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 8.38	− 3 15.5	4.137	4.976	6.9	22.0
4 11	15 4.32	− 2 32.0	4.062	4.976	5.2	21.9
4 21	14 59.41	− 1 49.6	4.014	4.976	3.7	21.8
5 1	14 53.97	− 1 10.9	3.995	4.976	3.0	21.7
5 11	14 48.38	− 0 38.0	4.005	4.975	3.6	21.7
5 21	14 43.02	− 0 12.6	4.045	4.974	5.1	21.8
5 31	14 38.24	+ 0 3.9	4.111	4.972	6.8	22.0
6 10	14 34.33	+ 0 11.0	4.201	4.970	8.3	22.1

46475 3204 T_{-1} 5 5.6 177.°56 3.°0/ 7.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 20.22	−25 0.7	1.818	2.638	15.0	18.7
4 11	15 14.46	−25 12.7	1.738	2.639	11.7	18.5
4 21	15 6.21	−25 10.8	1.679	2.640	8.0	18.3
5 1	14 56.25	−24 54.4	1.645	2.641	4.2	18.1
5 11	14 45.72	−24 25.3	1.639	2.641	3.4	18.0
5 21	14 35.82	−23 47.5	1.660	2.641	6.8	18.2
5 31	14 27.61	−23 6.9	1.706	2.640	10.7	18.4
6 10	14 21.84	−22 29.6	1.775	2.639	14.1	18.7

462793 2010 OG_{87} 5 5.6 301.°08 4.°5/ 7.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 17.97	−25 47.6	1.401	2.239	17.7	21.1
4 11	15 13.94	−26 18.3	1.300	2.210	14.2	20.8
4 21	15 6.59	−26 33.5	1.217	2.181	10.0	20.5
5 1	14 56.58	−26 30.2	1.157	2.152	5.9	20.1
5 11	14 45.18	−26 7.9	1.121	2.123	4.9	20.0
5 21	14 34.05	−25 29.9	1.110	2.094	8.9	20.1
5 31	14 24.84	−24 43.7	1.121	2.065	13.9	20.3
6 10	14 18.78	−23 58.6	1.151	2.037	18.6	20.5

307211 2002 GS_{12} 5 5.6 40.°84 3.°5/ 3.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.19	−13 41.8	1.209	2.086	17.4	20.4
4 11	15 10.36	−12 21.4	1.157	2.096	12.9	20.2
4 21	15 3.77	−10 50.8	1.125	2.108	7.9	19.9
5 1	14 55.44	− 9 18.3	1.117	2.119	3.7	19.7
5 11	14 46.77	− 7 53.8	1.133	2.132	5.5	19.9
5 21	14 39.09	− 6 45.7	1.173	2.144	10.3	20.2
5 31	14 33.48	− 6 0.1	1.234	2.158	14.8	20.5
6 10	14 30.57	− 5 38.6	1.315	2.171	18.6	20.7

311308 2005 JX_{135} 5 5.6 47.°05 2.°4/ 4.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.42	−13 17.6	1.334	2.202	16.6	20.4
4 11	15 11.89	−12 39.4	1.277	2.212	12.3	20.2
4 21	15 4.67	−11 54.1	1.241	2.222	7.5	19.9
5 1	14 55.74	−11 6.6	1.229	2.232	3.0	19.7
5 11	14 46.41	−10 23.3	1.241	2.243	4.4	19.8
5 21	14 37.98	− 9 50.0	1.279	2.254	9.1	20.1
5 31	14 31.54	− 9 31.1	1.339	2.266	13.5	20.4
6 10	14 27.74	− 9 28.8	1.418	2.277	17.3	20.7

304435 2006 TQ_{97} 5 5.6 166.°56 1.°5/ 6.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 17.71	−21 3.0	2.644	3.459	11.0	20.7
4 11	15 11.83	−21 21.2	2.559	3.462	8.4	20.5
4 21	15 4.27	−21 32.2	2.499	3.465	5.4	20.3
5 1	14 55.59	−21 36.0	2.467	3.467	2.4	20.1
5 11	14 46.53	−21 33.7	2.465	3.470	2.1	20.1
5 21	14 37.86	−21 27.2	2.492	3.471	5.0	20.3
5 31	14 30.28	−21 19.2	2.547	3.473	8.0	20.5
6 10	14 24.35	−21 12.8	2.626	3.474	10.6	20.7

501062 2013 SJ_{28} 5 5.6 195.°54 1.°2/ 6.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 18.10	−21 48.6	2.583	3.396	11.2	22.5
4 11	15 12.17	−21 40.2	2.491	3.393	8.6	22.3
4 21	15 4.50	−21 22.7	2.423	3.389	5.5	22.1
5 1	14 55.67	−20 56.5	2.383	3.384	2.3	21.9
5 11	14 46.44	−20 24.0	2.373	3.379	2.0	21.9
5 21	14 37.62	−19 48.1	2.393	3.372	5.2	22.1
5 31	14 29.95	−19 12.7	2.441	3.365	8.3	22.2
6 10	14 23.96	−18 41.5	2.513	3.357	11.1	22.4

338204 2002 SS 5 5.6 144.°45 0.°8/ 6.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 15.30	−21 23.8	2.888	3.703	10.2	22.1
4 11	15 9.80	−21 2.5	2.811	3.716	7.7	21.9
4 21	15 2.89	−20 32.9	2.760	3.728	4.9	21.8
5 1	14 55.11	−19 56.4	2.737	3.739	1.9	21.6
5 11	14 47.14	−19 15.4	2.744	3.750	1.6	21.6
5 21	14 39.60	−18 33.1	2.781	3.760	4.5	21.8
5 31	14 33.09	−17 52.7	2.846	3.770	7.3	22.0
6 10	14 28.03	−17 17.5	2.937	3.779	9.8	22.2

508555 2016 UV_{56} 5 5.6 213.°92 7.°4/14.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 19.25	−46 49.8	3.119	3.791	12.3	21.6
4 11	15 13.24	−47 8.7	3.017	3.784	11.0	21.5
4 21	15 5.24	−47 8.9	2.935	3.776	9.5	21.3
5 1	14 55.92	−46 47.8	2.876	3.768	8.2	21.2
5 11	14 46.18	−46 5.1	2.843	3.760	7.4	21.2
5 21	14 36.95	−45 2.6	2.835	3.751	7.6	21.2
5 31	14 29.07	−43 44.9	2.854	3.742	8.6	21.2
6 10	14 23.14	−42 17.9	2.898	3.732	10.1	21.3

504615 2008 UN_{268} 5 5.6 151.°58 0.°7/ 5.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.58	−15 25.5	2.154	2.994	12.3	22.0
4 11	15 11.20	−15 11.5	2.078	2.998	9.1	21.8
4 21	15 3.96	−14 51.5	2.027	3.003	5.6	21.6
5 1	14 55.50	−14 27.8	2.002	3.006	1.8	21.3
5 11	14 46.69	−14 3.2	2.005	3.010	2.4	21.4
5 21	14 38.39	−13 41.0	2.037	3.013	6.2	21.6
5 31	14 31.39	−13 24.6	2.095	3.017	9.7	21.8
6 10	14 26.26	−13 16.5	2.177	3.019	12.7	22.0

279648 2011 FR 5 5.6 3.°52 1.°2/ 6.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 19.24	−17 14.7	1.459	2.312	16.3	19.7
4 11	15 14.18	−17 55.8	1.386	2.311	12.4	19.5
4 21	15 6.26	−18 30.8	1.335	2.311	7.8	19.2
5 1	14 56.34	−18 59.1	1.308	2.312	2.9	18.9
5 11	14 45.69	−19 21.2	1.307	2.313	2.8	18.9
5 21	14 35.70	−19 39.1	1.331	2.316	7.7	19.2
5 31	14 27.64	−19 56.1	1.380	2.319	12.3	19.5
6 10	14 22.34	−20 15.9	1.449	2.322	16.2	19.7

198096 2004 SR_{37} 5 5.6 220.°61 0.°8/ 5.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 17.04	−15 19.5	2.090	2.930	12.5	20.8
4 11	15 11.70	−15 4.8	2.004	2.924	9.4	20.6
4 21	15 4.36	−14 43.8	1.942	2.918	5.8	20.3
5 1	14 55.66	−14 18.6	1.906	2.911	1.9	20.0
5 11	14 46.49	−13 52.4	1.899	2.904	2.6	20.1
5 21	14 37.77	−13 28.7	1.921	2.897	6.5	20.3
5 31	14 30.36	−13 11.0	1.968	2.889	10.2	20.5
6 10	14 24.89	−13 2.1	2.038	2.881	13.4	20.7

317965 2003 YQ_{53} 5 5.6 104.°45 1.°1/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 19.86	−15 3.5	1.690	2.537	14.7	21.3
4 11	15 13.93	−14 41.9	1.630	2.554	10.9	21.1
4 21	15 5.71	−14 13.2	1.593	2.570	6.6	20.9
5 1	14 56.06	−13 40.6	1.582	2.587	2.2	20.6
5 11	14 46.12	−13 8.3	1.599	2.603	3.0	20.7
5 21	14 36.99	−12 40.5	1.642	2.618	7.4	21.0
5 31	14 29.61	−12 21.3	1.711	2.633	11.4	21.3
6 10	14 24.56	−12 13.4	1.801	2.648	14.7	21.5

507493 2012 UG_{62} 5 5.6 228.°04 1.°5/ 4.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.55	−13 29.5	2.221	3.065	11.7	22.1
4 11	15 9.69	−13 1.9	2.138	3.061	8.7	21.9
4 21	15 3.05	−12 29.2	2.079	3.056	5.3	21.7
5 1	14 55.22	−11 54.2	2.047	3.051	2.0	21.4
5 11	14 47.01	−11 20.5	2.044	3.046	3.0	21.5
5 21	14 39.24	−10 51.5	2.069	3.041	6.5	21.7
5 31	14 32.65	−10 30.7	2.120	3.035	9.9	21.9
6 10	14 27.82	−10 20.2	2.193	3.029	12.8	22.1

360265 2000 SN_{53} 5 5.6 277.°71 2.°3/ 6.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 19.02	−22 27.2	1.526	2.365	16.4	21.1
4 11	15 14.26	−22 33.1	1.429	2.344	12.8	20.8
4 21	15 6.51	−22 25.1	1.352	2.323	8.5	20.5
5 1	14 56.49	−22 2.5	1.300	2.301	3.9	20.1
5 11	14 45.44	−21 27.4	1.273	2.279	3.2	20.0
5 21	14 34.80	−20 44.6	1.272	2.256	8.0	20.3
5 31	14 25.97	−20 0.9	1.295	2.234	12.9	20.5
6 10	14 19.95	−19 23.7	1.338	2.211	17.3	20.7

255578 2006 KO_{126} 5 5.6 317.°28 5.°7/ 2.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.17	− 6 29.9	1.375	2.247	15.9	20.1
4 11	15 11.07	− 5 31.3	1.304	2.239	12.1	19.9
4 21	15 4.30	− 4 31.3	1.255	2.231	8.2	19.6
5 1	14 55.70	− 3 37.0	1.229	2.223	5.7	19.4
5 11	14 46.47	− 2 55.9	1.228	2.216	7.3	19.5
5 21	14 37.92	− 2 33.7	1.250	2.208	11.3	19.7
5 31	14 31.18	− 2 33.7	1.294	2.202	15.4	19.9
6 10	14 27.03	− 2 55.7	1.357	2.195	19.1	20.1

178739 2000 TT_{37} 5 5.6 158.°95 7.°0/27.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 12.46	+ 9 56.2	3.057	3.874	9.6	21.2
4 11	15 7.57	+11 8.3	3.005	3.881	8.2	21.1
4 21	15 1.49	+12 11.5	2.979	3.888	7.2	21.0
5 1	14 54.67	+13 1.4	2.979	3.894	7.1	21.0
5 11	14 47.69	+13 34.8	3.006	3.900	7.9	21.1
5 21	14 41.08	+13 50.1	3.059	3.905	9.2	21.2
5 31	14 35.35	+13 47.1	3.134	3.909	10.7	21.3
6 10	14 30.87	+13 27.2	3.229	3.913	12.1	21.4

438946 2010 JG_{135} 5 5.7 285.°28 5.°1/29.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 12.81	− 4 35.4	2.421	3.271	10.7	21.6
4 11	15 8.39	− 2 58.4	2.317	3.238	8.3	21.4
4 21	15 2.29	− 1 17.7	2.240	3.204	6.0	21.2
5 1	14 55.01	+ 0 20.7	2.191	3.171	5.1	21.0
5 11	14 47.24	+ 1 50.3	2.171	3.136	6.5	21.1
5 21	14 39.71	+ 3 5.5	2.179	3.101	9.2	21.2
5 31	14 33.14	+ 4 2.1	2.211	3.066	12.0	21.3
6 10	14 28.12	+ 4 38.3	2.265	3.031	14.6	21.4

457633 2009 BF_{143} 5 5.7 107.°06 0.°8/ 6.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 21.60	−19 44.6	1.586	2.425	15.9	22.2
4 11	15 15.44	−19 36.4	1.525	2.443	12.0	22.0
4 21	15 6.73	−19 16.8	1.487	2.460	7.5	21.8
5 1	14 56.41	−18 47.2	1.473	2.477	2.7	21.5
5 11	14 45.75	−18 11.6	1.487	2.493	2.5	21.5
5 21	14 35.99	−17 34.9	1.527	2.509	7.2	21.8
5 31	14 28.17	−17 2.8	1.592	2.524	11.4	22.1
6 10	14 22.93	−16 39.7	1.679	2.538	15.0	22.4

192764 1999 TF_{302} 5 5.7 282.°72 6.°6/10.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 17.78	−34 43.7	1.902	2.685	15.8	19.9
4 11	15 12.92	−35 11.5	1.810	2.676	13.2	19.7
4 21	15 5.44	−35 19.6	1.739	2.667	10.3	19.5
5 1	14 56.09	−35 5.0	1.691	2.658	7.7	19.3
5 11	14 46.02	−34 27.5	1.668	2.649	6.6	19.2
5 21	14 36.50	−33 30.9	1.671	2.639	8.0	19.3
5 31	14 28.69	−32 21.7	1.699	2.630	10.9	19.4
6 10	14 23.41	−31 8.6	1.749	2.621	13.9	19.6

387113 2012 TP_{155} 5 5.7 162.°07 1.°4/ 4.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.77	−14 6.0	2.175	3.020	12.0	21.6
4 11	15 9.84	−13 35.7	2.099	3.022	8.9	21.4
4 21	15 3.13	−12 59.8	2.047	3.024	5.4	21.2
5 1	14 55.26	−12 21.2	2.022	3.026	2.0	21.0
5 11	14 47.06	−11 43.7	2.025	3.027	2.9	21.0
5 21	14 39.35	−11 11.0	2.056	3.029	6.4	21.3
5 31	14 32.88	−10 46.4	2.113	3.030	9.8	21.5
6 10	14 28.19	−10 32.5	2.193	3.031	12.8	21.7

218595 2005 MR_{40} 5 5.7 289.°28 2.°3/ 7.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.70	−24 20.9	1.602	2.439	15.9	20.8
4 11	15 11.47	−24 3.6	1.512	2.426	12.4	20.6
4 21	15 4.59	−23 29.2	1.444	2.412	8.2	20.3
5 1	14 55.83	−22 38.0	1.399	2.399	3.9	20.0
5 11	14 46.35	−21 34.0	1.380	2.386	3.0	19.9
5 21	14 37.44	−20 23.2	1.388	2.373	7.3	20.1
5 31	14 30.26	−19 13.9	1.419	2.360	11.9	20.3
6 10	14 25.64	−18 13.5	1.472	2.347	16.0	20.6

173530 2000 WF_{13} 5 5.7 274.°46 1.°6/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 20.67	−13 30.9	1.655	2.504	14.9	20.8
4 11	15 15.25	−13 19.9	1.551	2.476	11.3	20.5
4 21	15 7.04	−13 2.9	1.470	2.447	7.1	20.2
5 1	14 56.68	−12 42.2	1.413	2.418	2.5	19.8
5 11	14 45.29	−12 21.5	1.384	2.388	3.6	19.8
5 21	14 34.15	−12 4.9	1.381	2.357	8.6	20.1
5 31	14 24.56	−11 57.0	1.403	2.326	13.4	20.2
6 10	14 17.51	−12 1.2	1.446	2.294	17.6	20.4

366458 2002 CO_{1} 5 5.7 131.°09 20.°8/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 23.75	+24 9.0	1.141	1.951	22.6	21.2
4 11	15 17.65	+26 39.1	1.121	1.960	21.3	21.2
4 21	15 8.27	+28 30.6	1.118	1.969	20.8	21.1
5 1	14 56.91	+29 30.0	1.131	1.977	21.1	21.2
5 11	14 45.31	+29 31.2	1.160	1.985	22.2	21.3
5 21	14 35.10	+28 36.7	1.204	1.992	23.7	21.4
5 31	14 27.51	+26 54.6	1.261	1.999	25.3	21.6
6 10	14 23.15	+24 36.5	1.329	2.005	26.8	21.7

518173 2016 LV_{57} 5 5.7 23.°50 3.°2/ 7.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.70	−26 50.3	1.382	2.224	17.7	20.0
4 11	15 10.06	−26 25.9	1.316	2.230	13.8	19.7
4 21	15 3.67	−25 39.9	1.270	2.237	9.3	19.5
5 1	14 55.48	−24 33.7	1.248	2.245	4.8	19.2
5 11	14 46.84	−23 12.9	1.249	2.254	3.6	19.2
5 21	14 39.09	−21 45.7	1.276	2.263	7.5	19.4
5 31	14 33.35	−20 21.9	1.326	2.273	12.0	19.7
6 10	14 30.31	−19 9.5	1.397	2.284	15.9	20.0

386139 2007 TV_{106} 5 5.7 219.°67 0.°4/ 5.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 15.11	−19 22.7	2.240	3.072	12.1	21.7
4 11	15 10.17	−19 5.3	2.153	3.068	9.1	21.5
4 21	15 3.38	−18 39.0	2.091	3.063	5.7	21.3
5 1	14 55.36	−18 5.3	2.055	3.059	2.0	21.0
5 11	14 46.94	−17 27.2	2.048	3.054	2.0	21.0
5 21	14 38.95	−16 48.5	2.068	3.049	5.8	21.3
5 31	14 32.20	−16 13.3	2.116	3.043	9.3	21.5
6 10	14 27.25	−15 45.3	2.187	3.038	12.3	21.6

171704 2000 SU_{294} 5 5.7 82.°46 1.°7/ 7.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 21.23	−27 35.2	1.546	2.367	17.2	19.3
4 11	15 14.95	−26 5.1	1.492	2.397	13.1	19.1
4 21	15 6.23	−24 12.0	1.460	2.426	8.4	18.9
5 1	14 56.19	−22 1.3	1.455	2.455	3.6	18.7
5 11	14 46.16	−19 42.3	1.478	2.484	2.6	18.7
5 21	14 37.34	−17 26.5	1.529	2.512	7.1	19.0
5 31	14 30.62	−15 24.1	1.607	2.539	11.3	19.4
6 10	14 26.46	−13 42.1	1.708	2.566	14.9	19.6

329596 2003 CJ_{17} 5 5.7 128.°97 0.°0/ 5.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 19.39	−17 58.0	2.087	2.918	12.9	21.7
4 11	15 13.29	−17 45.9	2.019	2.933	9.7	21.5
4 21	15 5.22	−17 25.8	1.975	2.948	5.9	21.3
5 1	14 55.93	−16 59.5	1.958	2.962	1.9	21.0
5 11	14 46.35	−16 29.9	1.969	2.975	2.1	21.1
5 21	14 37.41	−16 0.8	2.010	2.988	6.1	21.4
5 31	14 29.92	−15 36.0	2.077	3.000	9.6	21.6
6 10	14 24.43	−15 18.7	2.167	3.012	12.6	21.8

388326 2006 SG_{362} 5 5.7 209.°64 0.°2/ 5.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.63	−16 19.8	2.666	3.496	10.5	21.7
4 11	15 10.27	−16 15.0	2.577	3.491	7.8	21.5
4 21	15 3.34	−16 5.0	2.512	3.486	4.8	21.3
5 1	14 55.34	−15 51.2	2.475	3.480	1.5	21.1
5 11	14 46.98	−15 35.5	2.468	3.474	1.9	21.1
5 21	14 38.97	−15 20.3	2.491	3.467	5.2	21.3
5 31	14 31.97	−15 8.3	2.540	3.461	8.2	21.5
6 10	14 26.51	−15 1.8	2.614	3.453	10.9	21.7

473209 2015 KJ_{116} 5 5.7 271.°43 5.°7/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.80	+ 0 40.8	2.261	3.104	11.6	20.7
4 11	15 10.56	+ 1 10.5	2.183	3.095	9.2	20.6
4 21	15 3.57	+ 1 34.7	2.129	3.086	6.9	20.4
5 1	14 55.43	+ 1 49.0	2.102	3.077	5.7	20.3
5 11	14 46.90	+ 1 49.9	2.102	3.068	6.7	20.4
5 21	14 38.80	+ 1 35.6	2.129	3.059	9.0	20.5
5 31	14 31.84	+ 1 5.5	2.180	3.049	11.6	20.6
6 10	14 26.59	+ 0 20.7	2.254	3.040	14.1	20.8

366293 2013 BB_{43} 5 5.7 92.°94 0.°6/ 5.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 12.55	−17 28.8	2.432	3.270	11.1	20.7
4 11	15 7.97	−16 41.7	2.362	3.281	8.2	20.5
4 21	15 1.88	−15 46.9	2.317	3.293	5.0	20.3
5 1	14 54.85	−14 47.4	2.300	3.304	1.6	20.1
5 11	14 47.61	−13 47.2	2.311	3.316	2.2	20.2
5 21	14 40.88	−12 50.6	2.351	3.327	5.5	20.4
5 31	14 35.26	−12 1.4	2.419	3.338	8.6	20.6
6 10	14 31.22	−11 22.5	2.510	3.349	11.3	20.8

253810 2003 YG_{23} 5 5.7 119.°08 1.°9/ 4.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 18.98	−13 38.4	1.755	2.603	14.2	20.9
4 11	15 13.22	−13 3.2	1.693	2.617	10.5	20.7
4 21	15 5.28	−12 22.0	1.654	2.631	6.4	20.5
5 1	14 55.97	−11 38.4	1.641	2.644	2.4	20.3
5 11	14 46.36	−10 57.2	1.655	2.657	3.5	20.4
5 21	14 37.51	−10 23.1	1.697	2.670	7.6	20.6
5 31	14 30.30	− 9 59.8	1.764	2.681	11.4	20.9
6 10	14 25.32	− 9 49.6	1.853	2.693	14.7	21.1

415328 2013 HC_{40} 5 5.7 250.°39 1.°2/ 6.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 17.79	−22 15.4	1.591	2.430	15.8	21.6
4 11	15 13.00	−21 47.5	1.502	2.419	12.2	21.3
4 21	15 5.53	−21 3.4	1.435	2.407	7.8	21.0
5 1	14 56.15	−20 4.5	1.393	2.395	3.1	20.7
5 11	14 46.07	−18 55.3	1.377	2.383	2.7	20.7
5 21	14 36.58	−17 42.8	1.387	2.370	7.6	20.9
5 31	14 28.86	−16 35.0	1.422	2.357	12.3	21.2
6 10	14 23.74	−15 38.7	1.478	2.344	16.4	21.4

204133 2003 YS_{19} 5 5.7 206.°60 5.°5/10.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 17.97	−35 57.0	2.529	3.286	13.0	21.1
4 11	15 12.41	−36 9.5	2.434	3.282	10.8	20.9
4 21	15 4.82	−36 5.0	2.360	3.277	8.5	20.7
5 1	14 55.85	−35 41.8	2.312	3.271	6.4	20.6
5 11	14 46.43	−35 0.4	2.290	3.265	5.5	20.5
5 21	14 37.48	−34 4.0	2.296	3.259	6.5	20.6
5 31	14 29.88	−32 57.5	2.330	3.253	8.7	20.7
6 10	14 24.24	−31 47.6	2.387	3.246	11.2	20.8

37824 1998 BU_{14} 5 5.7 119°.73 5°.2/ 2.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 17.76	− 6 34.2	1.524	2.387	15.2	18.0
4 11	15 12.62	− 5 36.6	1.463	2.392	11.5	17.8
4 21	15 5.05	− 4 38.5	1.424	2.398	7.7	17.6
5 1	14 55.93	− 3 46.3	1.410	2.403	5.2	17.5
5 11	14 46.41	− 3 6.6	1.422	2.409	6.7	17.6
5 21	14 37.66	− 2 43.9	1.459	2.414	10.3	17.8
5 31	14 30.68	− 2 40.7	1.519	2.419	14.0	18.0
6 10	14 26.11	− 2 57.0	1.598	2.423	17.3	18.3

425795 2011 CZ_{95} 5 5.7 136°.26 1°.3/ 6.6 15

4 1	15 17.71	−21 47.3	1.930	2.760	13.9	22.8
4 11	15 12.31	−21 33.9	1.856	2.767	10.6	22.6
4 21	15 4.77	−21 8.6	1.804	2.774	6.8	22.4
5 1	14 55.83	−20 32.9	1.779	2.781	2.8	22.2
5 11	14 46.51	−19 50.0	1.781	2.787	2.3	22.1
5 21	14 37.82	−19 4.4	1.811	2.793	6.2	22.4
5 31	14 30.66	−18 21.4	1.867	2.799	10.0	22.6
6 10	14 25.65	−17 45.6	1.946	2.804	13.3	22.9

387759 2003 SU_{95} 5 5.7 212°.18 2°.6/ 7.9 18

4 1	15 17.55	−26 24.4	2.700	3.497	11.3	22.6
4 11	15 11.83	−26 25.8	2.601	3.488	8.8	22.4
4 21	15 4.37	−26 16.1	2.526	3.479	6.1	22.2
5 1	14 55.71	−25 55.0	2.478	3.470	3.5	22.0
5 11	14 46.62	−25 24.0	2.460	3.459	2.8	21.9
5 21	14 37.89	−24 45.8	2.470	3.449	5.1	22.1
5 31	14 30.27	−24 4.3	2.509	3.437	8.0	22.2
6 10	14 24.30	−23 24.0	2.573	3.425	10.7	22.4

430780 2004 TN_{100} 5 5.7 245°.09 4°.8/ 9.7 18

4 1	15 18.56	−33 16.9	2.321	3.096	13.5	21.8
4 11	15 13.04	−33 15.1	2.213	3.078	11.1	21.6
4 21	15 5.33	−32 55.4	2.127	3.060	8.4	21.3
5 1	14 56.06	−32 16.2	2.067	3.041	5.9	21.2
5 11	14 46.20	−31 18.7	2.034	3.021	4.9	21.1
5 21	14 36.77	−30 6.5	2.029	3.001	6.5	21.1
5 31	14 28.72	−28 45.8	2.051	2.980	9.4	21.3
6 10	14 22.75	−27 24.0	2.097	2.959	12.4	21.4

431983 2008 UC_{192} 5 5.7 256°.69 1°.8/ 4.4 17

4 1	15 17.07	−12 32.1	2.233	3.073	11.8	21.6
4 11	15 11.75	−12 8.2	2.131	3.052	8.9	21.4
4 21	15 4.46	−11 39.6	2.054	3.030	5.5	21.1
5 1	14 55.78	−11 8.9	2.005	3.008	2.2	20.9
5 11	14 46.53	−10 39.5	1.984	2.984	3.2	20.9
5 21	14 37.58	−10 15.0	1.991	2.961	6.9	21.1
5 31	14 29.78	− 9 58.6	2.025	2.937	10.5	21.2
6 10	14 23.79	− 9 52.9	2.082	2.912	13.6	21.4

223669 2004 PO_{53} 5 5.7 61°.13 8°.8/11.4 17

4 1	15 22.15	−37 50.0	1.677	2.448	18.0	19.4
4 11	15 16.50	−38 52.2	1.611	2.461	15.3	19.2
4 21	15 7.76	−39 31.5	1.564	2.474	12.4	19.1
5 1	14 56.88	−39 42.8	1.539	2.488	9.9	19.0
5 11	14 45.34	−39 25.2	1.537	2.501	8.8	18.9
5 21	14 34.68	−38 42.2	1.561	2.515	9.8	19.0
5 31	14 26.23	−37 41.8	1.607	2.529	12.0	19.2
6 10	14 20.81	−36 33.7	1.676	2.543	14.7	19.4

30968 1995 AM_1 5 5.7 136°.07 11°.8/27.7 18

4 1	15 22.76	+16 18.6	1.936	2.737	14.9	18.7
4 11	15 15.70	+17 34.8	1.900	2.753	13.2	18.6
4 21	15 6.63	+18 31.7	1.885	2.769	12.0	18.5
5 1	14 56.39	+19 2.0	1.894	2.783	11.8	18.5
5 11	14 46.01	+19 1.8	1.927	2.797	12.7	18.6
5 21	14 36.48	+18 31.2	1.983	2.810	14.2	18.7
5 31	14 28.61	+17 33.1	2.059	2.822	15.9	18.9
6 10	14 22.91	+16 12.6	2.152	2.833	17.5	19.0

154832 2004 RE_{16} 5 5.7 262°.52 1°.9/ 7.3 18

4 1	15 14.13	−24 5.5	2.612	3.425	11.1	20.9
4 11	15 9.36	−24 0.8	2.510	3.410	8.6	20.7
4 21	15 2.89	−23 45.9	2.432	3.395	5.8	20.4
5 1	14 55.26	−23 21.1	2.382	3.379	2.9	20.2
5 11	14 47.18	−22 48.2	2.360	3.363	2.3	20.2
5 21	14 39.42	−22 10.2	2.366	3.347	5.1	20.3
5 31	14 32.69	−21 30.9	2.400	3.331	8.1	20.5
6 10	14 27.57	−20 54.4	2.458	3.314	11.0	20.6

19863 2725 $P–L$ 5 5.7 120°.52 0°.4/ 5.3 17

4 1	15 17.03	−17 4.7	2.101	2.938	12.6	20.3
4 11	15 11.52	−16 37.3	2.033	2.952	9.4	20.1
4 21	15 4.15	−16 2.2	1.990	2.965	5.7	19.9
5 1	14 55.62	−15 21.9	1.974	2.978	1.8	19.7
5 11	14 46.83	−14 40.1	1.986	2.991	2.3	19.7
5 21	14 38.66	−14 1.0	2.026	3.003	6.1	20.0
5 31	14 31.87	−13 28.4	2.093	3.015	9.6	20.2
6 10	14 26.98	−13 5.3	2.183	3.027	12.6	20.4

471915 2013 CZ_{201} 5 5.7 135°.73 0°.0/ 5.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 13.81	−18 0.0	2.979	3.804	9.6	22.9
4 11	15 8.68	−17 41.7	2.904	3.816	7.2	22.7
4 21	15 2.24	−17 17.5	2.855	3.828	4.4	22.6
5 1	14 54.99	−16 48.9	2.835	3.839	1.4	22.4
5 11	14 47.54	−16 18.2	2.844	3.850	1.6	22.4
5 21	14 40.49	−15 48.0	2.883	3.860	4.5	22.6
5 31	14 34.38	−15 21.1	2.950	3.870	7.2	22.8
6 10	14 29.62	−14 59.9	3.042	3.880	9.6	23.0

457690 2009 DA_{137} 5 5.7 102°.46 2°.4/ 7.1 17

4 1	15 20.36	−23 20.5	1.535	2.370	16.6	21.8
4 11	15 14.80	−23 22.2	1.469	2.381	12.7	21.6
4 21	15 6.51	−23 9.1	1.424	2.392	8.4	21.3
5 1	14 56.44	−22 41.4	1.403	2.403	3.9	21.1
5 11	14 45.90	−22 2.4	1.408	2.413	3.1	21.1
5 21	14 36.22	−21 17.5	1.440	2.423	7.3	21.3
5 31	14 28.53	−20 33.5	1.496	2.433	11.6	21.6
6 10	14 23.53	−19 56.6	1.573	2.443	15.3	21.9

296479 2009 HR_{101} 5 5.7 197°.27 6°.3/29.8 18

4 1	15 13.62	+ 4 31.4	2.657	3.492	10.4	20.7
4 11	15 8.66	+ 5 20.1	2.590	3.490	8.4	20.6
4 21	15 2.29	+ 6 2.1	2.548	3.488	6.8	20.5
5 1	14 55.02	+ 6 33.0	2.532	3.485	6.3	20.4
5 11	14 47.51	+ 6 49.4	2.544	3.483	7.2	20.5
5 21	14 40.38	+ 6 49.4	2.582	3.480	8.9	20.6
5 31	14 34.24	+ 6 32.7	2.644	3.477	10.9	20.7
6 10	14 29.52	+ 6 0.3	2.727	3.474	12.8	20.8

263012 2007 ES_{166} 5 5.7 356°.07 2°.6/ 2.1 18

4 1	15 6.28	− 6 23.7	3.815	4.661	7.2	19.4
4 11	15 2.92	− 5 39.6	3.738	4.660	5.4	19.2
4 21	14 58.65	− 4 55.3	3.689	4.659	3.6	19.1
5 1	14 53.83	− 4 13.5	3.668	4.658	2.6	19.0
5 11	14 48.86	− 3 36.5	3.676	4.658	3.3	19.1
5 21	14 44.11	− 3 6.3	3.713	4.657	5.0	19.2
5 31	14 39.97	− 2 44.6	3.776	4.657	6.9	19.3
6 10	14 36.74	− 2 32.1	3.864	4.657	8.6	19.5

438387 2006 UF_{20} 5 5.7 261°.02 2°.5/ 7.4 16

4 1	15 17.01	−23 53.3	2.304	3.119	12.4	22.0
4 11	15 11.75	−24 11.5	2.208	3.108	9.7	21.8
4 21	15 4.48	−24 19.9	2.136	3.098	6.5	21.6
5 1	14 55.81	−24 17.9	2.091	3.087	3.4	21.4
5 11	14 46.58	−24 6.4	2.074	3.076	2.8	21.3
5 21	14 37.71	−23 48.1	2.085	3.065	5.7	21.5
5 31	14 30.06	−23 26.5	2.123	3.054	9.0	21.7
6 10	14 24.30	−23 6.0	2.184	3.043	12.1	21.8

9647 1995 UM_8 5 5.7 133°.70 0°.9/ 6.1 18

4 1	15 21.82	−19 8.7	1.471	2.316	16.6	18.7
4 11	15 16.00	−19 12.1	1.402	2.322	12.6	18.4
4 21	15 7.33	−19 4.6	1.354	2.329	7.9	18.2
5 1	14 56.74	−18 47.0	1.331	2.335	2.9	17.9
5 11	14 45.58	−18 22.5	1.334	2.341	2.7	17.9
5 21	14 35.24	−17 55.8	1.363	2.346	7.8	18.2
5 31	14 26.93	−17 32.5	1.416	2.351	12.4	18.5
6 10	14 21.42	−17 17.6	1.491	2.356	16.3	18.7

498495 2008 CU_{194} 5 5.7 61°.95 4°.4/ 1.9 17

4 1	15 12.58	− 6 2.3	2.103	2.959	11.9	21.2
4 11	15 8.11	− 4 56.9	2.050	2.976	8.9	21.0
4 21	15 2.01	− 3 52.0	2.021	2.992	6.0	20.9
5 1	14 54.93	− 2 52.6	2.019	3.009	4.4	20.8
5 11	14 47.67	− 2 3.8	2.045	3.026	5.6	20.9
5 21	14 40.99	− 1 29.1	2.097	3.042	8.2	21.1
5 31	14 35.55	− 1 10.5	2.174	3.059	11.0	21.3
6 10	14 31.79	− 1 8.2	2.272	3.076	13.5	21.5

750 Oskar 5 5.7 67°.41 1°.2/ 5.0 18

4 1	15 18.93	−14 37.5	1.462	2.319	16.0	15.6
4 11	15 13.62	−14 23.0	1.404	2.332	11.9	15.4
4 21	15 5.72	−14 1.7	1.367	2.346	7.3	15.2
5 1	14 56.18	−13 36.4	1.356	2.360	2.4	14.9
5 11	14 46.27	−13 11.7	1.370	2.374	3.3	15.0
5 21	14 37.23	−12 51.9	1.410	2.389	8.0	15.3
5 31	14 30.13	−12 41.3	1.474	2.403	12.4	15.6
6 10	14 25.60	−12 42.3	1.558	2.417	16.0	15.9

264422 2000 QX_{219} 5 5.7 276°.15 4°.5/ 2.4 18

4 1	15 14.67	− 7 47.5	1.767	2.627	13.6	20.5
4 11	15 10.26	− 6 45.8	1.684	2.613	10.3	20.3
4 21	15 3.66	− 5 40.9	1.625	2.600	6.8	20.0
5 1	14 55.55	− 4 38.4	1.591	2.586	4.6	19.9
5 11	14 46.91	− 3 44.7	1.584	2.572	6.0	19.9
5 21	14 38.74	− 3 5.3	1.603	2.558	9.5	20.1
5 31	14 31.99	− 2 44.0	1.646	2.544	13.2	20.3
6 10	14 27.35	− 2 42.0	1.708	2.530	16.5	20.5

519933 2013 RY_{105} 5 5.7 148°.02 0°.8/ 5.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 15.95	−16 25.0	1.958	2.802	13.1	21.8
4 11	15 10.94	−15 54.0	1.883	2.805	9.8	21.6
4 21	15 3.92	−15 15.0	1.832	2.809	6.0	21.3
5 1	14 55.59	−14 30.8	1.807	2.812	1.9	21.1
5 11	14 46.90	−13 45.4	1.810	2.815	2.6	21.1
5 21	14 38.78	−13 3.6	1.841	2.818	6.7	21.4
5 31	14 32.08	−12 29.6	1.897	2.820	10.4	21.6
6 10	14 27.37	−12 6.6	1.976	2.823	13.6	21.8

258367 2001 WT_{87} 5 5.7 310°.09 2°.3/ 6.9 18

4 1	15 16.05	−22 26.8	1.528	2.372	16.1	19.7
4 11	15 11.94	−22 36.3	1.437	2.355	12.6	19.4
4 21	15 5.05	−22 32.3	1.368	2.339	8.3	19.1
5 1	14 56.08	−22 14.6	1.322	2.323	3.9	18.8
5 11	14 46.25	−21 45.4	1.302	2.307	3.2	18.7
5 21	14 36.90	−21 9.0	1.306	2.292	7.6	18.9
5 31	14 29.31	−20 32.1	1.335	2.277	12.3	19.2
6 10	14 24.40	−20 0.9	1.384	2.263	16.5	19.4

382898 2004 QJ_{19} 5 5.7 259°.33 0°.1/ 5.6 18

4 1	15 20.67	−15 30.6	2.014	2.849	13.2	20.8
4 11	15 14.74	−15 43.2	1.913	2.830	10.0	20.5
4 21	15 6.48	−15 51.1	1.837	2.811	6.2	20.2
5 1	14 56.51	−15 55.0	1.787	2.792	2.0	19.9
5 11	14 45.79	−15 56.4	1.766	2.772	2.4	19.9
5 21	14 35.37	−15 57.7	1.774	2.752	6.8	20.1
5 31	14 26.31	−16 2.0	1.808	2.731	10.8	20.3
6 10	14 19.37	−16 12.0	1.864	2.710	14.3	20.5

403515 2009 XZ_{15} 5 5.7 126°.24 1°.8/ 7.9 18

4 1	15 10.99	−25 55.8	3.486	4.286	8.9	21.5
4 11	15 6.53	−25 44.9	3.403	4.293	6.9	21.3
4 21	15 0.92	−25 25.4	3.346	4.301	4.7	21.2
5 1	14 54.59	−24 57.9	3.316	4.309	2.6	21.1
5 11	14 48.06	−24 24.1	3.315	4.317	2.0	21.0
5 21	14 41.86	−23 46.3	3.344	4.324	3.8	21.2
5 31	14 36.46	−23 7.3	3.402	4.331	6.0	21.3
6 10	14 32.25	−22 30.0	3.485	4.338	8.1	21.5

508375 2016 ER_{217} 5 5.7 312°.84 2°.2/ 4.6 17

4 1	15 16.35	−12 11.1	1.499	2.362	15.4	20.7
4 11	15 12.00	−11 58.7	1.416	2.347	11.6	20.4
4 21	15 4.98	−11 41.8	1.353	2.333	7.2	20.1
5 1	14 56.04	−11 23.6	1.315	2.319	2.9	19.8
5 11	14 46.34	−11 8.1	1.303	2.305	4.0	19.9
5 21	14 37.14	−10 59.7	1.315	2.292	8.8	20.1
5 31	14 29.64	−11 2.1	1.351	2.279	13.4	20.3
6 10	14 24.69	−11 17.5	1.407	2.267	17.4	20.5

247351 2001 VB_{52} 5 5.7 263°.30 1°.0/ 7.3 18

4 1	15 7.05	−24 0.4	4.488	5.294	7.0	19.9
4 11	15 3.42	−23 33.3	4.390	5.287	5.3	19.8
4 21	14 58.95	−22 59.5	4.318	5.280	3.5	19.6
5 1	14 53.94	−22 20.0	4.275	5.273	1.7	19.5
5 11	14 48.78	−21 36.6	4.261	5.266	1.3	19.4
5 21	14 43.83	−20 51.1	4.278	5.259	3.0	19.6
5 31	14 39.45	−20 5.9	4.324	5.252	4.9	19.7
6 10	14 35.92	−19 23.1	4.397	5.245	6.7	19.8

435818 2008 WL_{32} 5 5.7 269°.54 0°.3/ 5.6 18

4 1	15 35.53	−10 3.0	1.086	1.939	20.7	20.7
4 11	15 28.17	−11 29.5	0.998	1.923	16.0	20.4
4 21	15 16.08	−13 7.0	0.929	1.906	10.2	20.0
5 1	14 59.97	−14 53.0	0.884	1.889	3.4	19.5
5 11	14 41.63	−16 42.4	0.865	1.871	4.0	19.5
5 21	14 23.54	−18 29.3	0.873	1.854	11.2	19.8
5 31	14 8.16	−20 11.0	0.904	1.836	17.8	20.1
6 10	13 57.18	−21 48.4	0.953	1.818	23.3	20.4

381561 2008 TV_{147} 5 5.7 221°.03 2°.1/ 4.1 17

4 1	15 15.03	−13 0.9	2.023	2.872	12.6	21.5
4 11	15 10.23	−12 18.9	1.943	2.868	9.3	21.3
4 21	15 3.50	−11 31.0	1.887	2.864	5.7	21.0
5 1	14 55.48	−10 40.8	1.857	2.860	2.4	20.8
5 11	14 47.07	− 9 53.1	1.855	2.855	3.5	20.9
5 21	14 39.14	− 9 12.3	1.881	2.850	7.2	21.1
5 31	14 32.53	− 8 42.2	1.932	2.845	10.8	21.3
6 10	14 27.81	− 8 25.3	2.005	2.840	13.9	21.5

32335 2000 QO_{82} 5 5.7 318°.05 1°.3/ 6.7 18

4 1	15 14.24	−21 37.9	2.141	2.972	12.6	19.1
4 11	15 9.66	−21 28.4	2.057	2.969	9.7	18.9
4 21	15 3.16	−21 8.5	1.996	2.966	6.2	18.6
5 1	14 55.38	−20 39.2	1.961	2.963	2.6	18.4
5 11	14 47.18	−20 3.2	1.954	2.960	2.1	18.4
5 21	14 39.44	−19 24.3	1.975	2.957	5.8	18.6
5 31	14 32.99	−18 47.1	2.022	2.955	9.3	18.8
6 10	14 28.42	−18 15.6	2.092	2.952	12.4	19.0

349901 2009 FX_{35} 5 5.7 134°.54 2°.3/ 7.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 17.82	−23 36.5	2.354	3.167	12.2	21.2
4 11	15 12.18	−23 55.8	2.273	3.172	9.4	21.0
4 21	15 4.65	−24 5.4	2.216	3.178	6.3	20.8
5 1	14 55.86	−24 5.0	2.186	3.183	3.3	20.6
5 11	14 46.66	−23 55.8	2.185	3.187	2.7	20.6
5 21	14 37.92	−23 40.3	2.212	3.192	5.5	20.8
5 31	14 30.45	−23 22.0	2.266	3.197	8.6	21.0
6 10	14 24.83	−23 4.8	2.345	3.201	11.4	21.2

497326 2005 TD_{149} 5 5.7 246°.15 2°.2/ 4.2 17

4 1	15 16.40	−12 49.4	1.834	2.685	13.5	22.4
4 11	15 11.50	−12 13.4	1.750	2.677	10.1	22.2
4 21	15 4.41	−11 31.5	1.690	2.668	6.3	22.0
5 1	14 55.82	−10 47.1	1.656	2.659	2.6	21.7
5 11	14 46.71	−10 5.0	1.649	2.650	3.8	21.8
5 21	14 38.09	− 9 30.0	1.669	2.640	7.8	22.0
5 31	14 30.92	− 9 6.3	1.714	2.630	11.7	22.2
6 10	14 25.88	− 8 56.3	1.781	2.621	15.2	22.4

355099 2006 TK_{60} 5 5.7 163°.08 0°.8/ 6.4 17

4 1	15 14.57	−20 43.3	2.892	3.710	10.1	22.9
4 11	15 9.37	−20 30.6	2.809	3.715	7.6	22.7
4 21	15 2.75	−20 10.3	2.751	3.720	4.8	22.6
5 1	14 55.22	−19 43.5	2.722	3.724	1.9	22.4
5 11	14 47.43	−19 12.3	2.722	3.728	1.6	22.3
5 21	14 40.02	−18 39.6	2.751	3.731	4.5	22.6
5 31	14 33.59	−18 8.3	2.809	3.734	7.3	22.7
6 10	14 28.59	−17 41.4	2.892	3.737	9.8	22.9

477446 2009 WP_{180} 5 5.7 120°.43 1°.2/ 4.2 18

4 1	15 10.44	−12 13.1	3.699	4.534	7.7	22.4
4 11	15 5.96	−11 48.6	3.631	4.549	5.7	22.2
4 21	15 0.51	−11 21.8	3.589	4.564	3.5	22.1
5 1	14 54.47	−10 54.7	3.576	4.578	1.4	22.0
5 11	14 48.30	−10 29.2	3.593	4.592	2.1	22.0
5 21	14 42.43	−10 7.2	3.640	4.606	4.2	22.2
5 31	14 37.27	− 9 50.4	3.715	4.620	6.3	22.4
6 10	14 33.12	− 9 40.0	3.814	4.633	8.2	22.5

204639 2006 AD_{17} 5 5.7 77°.91 2°.4/ 4.4 18

4 1	15 19.46	−13 15.6	1.311	2.176	17.1	20.8
4 11	15 14.19	−12 38.2	1.258	2.190	12.7	20.6
4 21	15 6.15	−11 53.8	1.225	2.205	7.8	20.3
5 1	14 56.36	−11 7.5	1.216	2.220	3.1	20.1
5 11	14 46.22	−10 25.4	1.233	2.235	4.4	20.2
5 21	14 37.09	− 9 53.3	1.274	2.250	9.2	20.5
5 31	14 30.06	− 9 35.7	1.339	2.264	13.6	20.8
6 10	14 25.80	− 9 34.5	1.422	2.279	17.4	21.1

74816 1999 TX_{8} 5 5.7 245°.30 1°.0/ 6.4 18

4 1	15 19.14	−20 48.2	1.849	2.681	14.3	20.6
4 11	15 13.78	−20 36.3	1.752	2.665	11.0	20.3
4 21	15 5.96	−20 12.5	1.678	2.649	7.0	20.1
5 1	14 56.38	−19 37.6	1.630	2.633	2.7	19.8
5 11	14 46.08	−18 54.6	1.609	2.615	2.4	19.7
5 21	14 36.22	−18 8.2	1.616	2.598	6.9	19.9
5 31	14 27.87	−17 24.2	1.648	2.579	11.2	20.1
6 10	14 21.84	−16 48.1	1.703	2.560	15.0	20.3

109009 2001 QX_{2} 5 5.7 303°.47 0°.9/ 6.2 17

4 1	15 15.39	−20 13.6	1.496	2.348	16.0	19.4
4 11	15 11.49	−20 1.2	1.403	2.328	12.3	19.1
4 21	15 4.80	−19 35.4	1.331	2.307	7.9	18.8
5 1	14 56.05	−18 57.0	1.283	2.287	2.9	18.4
5 11	14 46.42	−18 10.1	1.260	2.267	2.7	18.4
5 21	14 37.24	−17 20.4	1.262	2.247	7.9	18.6
5 31	14 29.80	−16 34.9	1.288	2.228	12.9	18.8
6 10	14 25.01	−15 59.9	1.334	2.209	17.2	19.1

233850 2008 UL_{354} 5 5.7 311°.14 0°.1/ 5.6 17

4 1	15 15.22	−17 35.1	1.881	2.726	13.5	21.2
4 11	15 10.58	−17 16.2	1.801	2.723	10.2	21.0
4 21	15 3.82	−16 48.5	1.744	2.720	6.3	20.8
5 1	14 55.63	−16 14.2	1.713	2.717	2.0	20.5
5 11	14 46.98	−15 36.8	1.709	2.715	2.4	20.5
5 21	14 38.86	−15 0.9	1.732	2.712	6.7	20.8
5 31	14 32.17	−14 30.9	1.781	2.710	10.6	21.0
6 10	14 27.56	−14 10.5	1.851	2.708	14.0	21.2

506741 2006 VG_{59} 5 5.7 265°.87 3°.5/ 3.4 17

4 1	15 16.75	− 5 44.6	2.274	3.119	11.5	21.9
4 11	15 11.31	− 5 34.7	2.193	3.114	8.7	21.7
4 21	15 4.10	− 5 26.6	2.137	3.108	5.8	21.5
5 1	14 55.70	− 5 23.0	2.108	3.103	3.6	21.3
5 11	14 46.91	− 5 26.8	2.108	3.098	4.5	21.4
5 21	14 38.53	− 5 39.6	2.135	3.093	7.3	21.5
5 31	14 31.32	− 6 2.8	2.189	3.087	10.4	21.7
6 10	14 25.84	− 6 36.4	2.265	3.082	13.1	21.9

198218 2004 TZ_{173} 5 5.7 230°.62 4°.4/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 20.68	−30 53.7	2.546	3.323	12.4	20.7
4 11	15 14.51	−31 20.8	2.441	3.309	10.1	20.5
4 21	15 6.23	−31 34.9	2.358	3.293	7.6	20.3
5 1	14 56.45	−31 34.0	2.302	3.278	5.2	20.1
5 11	14 46.02	−31 18.1	2.274	3.261	4.5	20.0
5 21	14 35.90	−30 49.2	2.275	3.244	6.2	20.1
5 31	14 27.00	−30 11.3	2.303	3.226	8.8	20.3
6 10	14 20.03	−29 30.0	2.356	3.208	11.5	20.4

169180 2001 QE_{269} 5 5.7 186°.29 0°.2/ 5.9 18

4 1	15 13.84	−19 53.8	2.450	3.279	11.3	20.1
4 11	15 9.07	−19 16.0	2.366	3.279	8.5	19.9
4 21	15 2.67	−18 28.8	2.306	3.278	5.3	19.7
5 1	14 55.23	−17 34.2	2.274	3.278	1.8	19.5
5 11	14 47.48	−16 35.9	2.271	3.277	1.9	19.5
5 21	14 40.18	−15 38.1	2.296	3.275	5.4	19.7
5 31	14 34.01	−14 45.2	2.349	3.274	8.6	19.9
6 10	14 29.45	−14 0.9	2.426	3.272	11.4	20.1

31046 1996 NU_4 5 5.7 251°.31 4°.8/ 8.9 18

4 1	15 18.30	−30 4.2	1.868	2.671	15.3	18.2
4 11	15 13.25	−30 20.3	1.778	2.664	12.4	18.0
4 21	15 5.66	−30 19.0	1.710	2.657	9.0	17.8
5 1	14 56.29	−29 58.7	1.666	2.650	5.9	17.6
5 11	14 46.25	−29 20.4	1.648	2.642	4.9	17.5
5 21	14 36.76	−28 28.0	1.656	2.634	7.2	17.6
5 31	14 28.92	−27 28.2	1.690	2.626	10.6	17.8
6 10	14 23.52	−26 28.5	1.747	2.619	14.0	18.0

436223 2010 AZ_{24} 5 5.7 83°.99 6°.9/11.1 17

4 1	15 19.42	−36 41.1	1.959	2.728	15.9	21.5
4 11	15 13.95	−37 7.1	1.887	2.740	13.3	21.3
4 21	15 5.97	−37 12.0	1.835	2.752	10.5	21.2
5 1	14 56.34	−36 53.4	1.806	2.765	8.0	21.1
5 11	14 46.26	−36 11.9	1.803	2.776	6.9	21.0
5 21	14 36.95	−35 11.9	1.825	2.788	7.9	21.1
5 31	14 29.44	−34 0.2	1.873	2.800	10.3	21.3
6 10	14 24.43	−32 45.3	1.944	2.812	12.9	21.4

506679 2006 SS_{403} 5 5.7 121°.08 1°.7/ 7.1 17

4 1	15 16.51	−22 49.3	2.643	3.455	11.1	22.5
4 11	15 10.94	−22 54.4	2.568	3.468	8.5	22.3
4 21	15 3.77	−22 50.6	2.518	3.481	5.5	22.2
5 1	14 55.58	−22 38.4	2.495	3.494	2.6	22.0
5 11	14 47.12	−22 19.4	2.502	3.506	2.1	22.0
5 21	14 39.12	−21 56.4	2.537	3.518	4.8	22.2
5 31	14 32.25	−21 32.4	2.601	3.529	7.7	22.4
6 10	14 27.00	−21 11.0	2.689	3.540	10.3	22.6

422540 2014 TK_{26} 5 5.7 194°.94 0°.0/ 5.5 16

4 1	15 19.73	−18 31.6	2.036	2.867	13.2	23.4
4 11	15 13.82	−18 9.4	1.950	2.864	10.0	23.2
4 21	15 5.77	−17 37.6	1.888	2.861	6.2	22.9
5 1	14 56.28	−16 58.1	1.853	2.857	2.0	22.7
5 11	14 46.31	−16 14.4	1.846	2.852	2.3	22.7
5 21	14 36.87	−15 30.8	1.868	2.847	6.5	22.9
5 31	14 28.86	−14 52.3	1.917	2.840	10.3	23.1
6 10	14 22.93	−14 22.8	1.988	2.833	13.6	23.3

437271 2012 XV_{140} 5 5.7 255°.38 1°.6/ 4.6 17

4 1	15 16.67	−11 53.6	2.187	3.030	12.0	21.0
4 11	15 11.40	−11 46.8	2.101	3.023	8.9	20.8
4 21	15 4.24	−11 37.2	2.038	3.015	5.5	20.6
5 1	14 55.78	−11 27.0	2.003	3.007	2.2	20.3
5 11	14 46.86	−11 18.6	1.997	2.999	3.0	20.4
5 21	14 38.34	−11 14.8	2.018	2.990	6.6	20.6
5 31	14 31.04	−11 17.9	2.066	2.982	10.0	20.8
6 10	14 25.55	−11 29.7	2.136	2.974	13.1	21.0

497176 2004 TQ_{13} 5 5.7 203°.26 0°.5/ 6.2 18 R

4 1	15 16.44	−20 36.7	3.222	4.032	9.3	24.6
4 11	15 10.66	−20 6.6	3.122	4.024	7.0	24.4
4 21	15 3.53	−19 28.6	3.048	4.016	4.4	24.2
5 1	14 55.51	−18 44.0	3.004	4.007	1.6	24.0
5 11	14 47.20	−17 55.1	2.991	3.997	1.5	24.0
5 21	14 39.21	−17 5.0	3.009	3.986	4.4	24.2
5 31	14 32.11	−16 17.2	3.056	3.974	7.1	24.3
6 10	14 26.34	−15 34.6	3.129	3.961	9.5	24.5

188006 2001 SF_{317} 5 5.7 120°.34 1°.5/ 3.2 18

4 1	15 6.22	−10 55.8	4.522	5.360	6.3	20.1
4 11	15 2.76	−10 7.9	4.443	5.364	4.7	20.0
4 21	14 58.54	− 9 18.1	4.393	5.367	2.9	19.9
5 1	14 53.86	− 8 28.4	4.371	5.371	1.5	19.8
5 11	14 49.07	− 7 41.0	4.381	5.374	2.2	19.8
5 21	14 44.48	− 6 57.9	4.420	5.377	3.9	19.9
5 31	14 40.41	− 6 20.7	4.487	5.380	5.6	20.1
6 10	14 37.13	− 5 50.8	4.580	5.383	7.2	20.2

432882 2011 KP_{35} 5 5.7 351°.24 5°.8/ 1.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 11.30	− 6 22.3	1.489	2.363	14.8	20.6
4 11	15 7.98	− 5 5.3	1.422	2.358	11.2	20.3
4 21	15 2.35	− 3 46.5	1.378	2.354	7.7	20.1
5 1	14 55.19	− 2 33.6	1.358	2.350	5.8	20.0
5 11	14 47.57	− 1 34.4	1.364	2.347	7.4	20.1
5 21	14 40.57	− 0 54.9	1.393	2.345	10.9	20.3
5 31	14 35.17	− 0 38.4	1.443	2.344	14.6	20.5
6 10	14 32.03	− 0 45.2	1.513	2.343	17.9	20.7

300028 2006 UT_{98} 5 5.7 139°.74 1°.9/ 3.9 18

4 1	15 13.06	−12 33.3	2.576	3.418	10.4	21.0
4 11	15 8.32	−11 48.0	2.503	3.425	7.7	20.8
4 21	15 2.14	−10 58.6	2.456	3.432	4.7	20.6
5 1	14 55.05	−10 8.2	2.437	3.439	2.1	20.5
5 11	14 47.74	− 9 20.6	2.447	3.446	3.0	20.5
5 21	14 40.87	− 8 39.1	2.486	3.452	5.9	20.7
5 31	14 35.03	− 8 6.8	2.552	3.458	8.8	20.9
6 10	14 30.66	− 7 45.4	2.641	3.464	11.3	21.1

290218 2005 SE_{49} 5 5.7 332°.00 1°.7/ 4.2 17

4 1	15 11.75	−14 20.4	2.138	2.989	11.9	20.8
4 11	15 7.72	−13 29.8	2.058	2.984	8.8	20.6
4 21	15 1.94	−12 32.2	2.002	2.981	5.4	20.4
5 1	14 55.02	−11 31.4	1.973	2.977	2.1	20.2
5 11	14 47.76	−10 32.1	1.972	2.973	3.2	20.3
5 21	14 40.95	− 9 39.1	1.999	2.970	6.7	20.5
5 31	14 35.33	− 8 56.5	2.051	2.967	10.1	20.7
6 10	14 31.44	− 8 27.2	2.126	2.964	13.1	20.9

52409 1993 UW_5 5 5.7 92°.57 2°.4/ 4.3 18

4 1	15 18.16	−11 43.3	1.725	2.578	14.2	19.0
4 11	15 12.70	−11 16.5	1.664	2.590	10.5	18.8
4 21	15 5.05	−10 45.8	1.626	2.603	6.5	18.6
5 1	14 56.02	−10 14.9	1.614	2.616	2.8	18.4
5 11	14 46.68	− 9 48.0	1.628	2.629	3.9	18.5
5 21	14 38.06	− 9 29.1	1.670	2.641	7.8	18.8
5 31	14 31.07	− 9 21.1	1.737	2.653	11.6	19.0
6 10	14 26.30	− 9 25.7	1.824	2.665	14.8	19.3

177830 2005 NL_{44} 5 5.7 297°.94 12°.2/23.0 18

4 1	15 14.42	+19 13.6	2.121	2.920	13.8	19.6
4 11	15 9.79	+20 39.9	2.061	2.903	12.8	19.4
4 21	15 3.25	+21 48.6	2.023	2.886	12.2	19.4
5 1	14 55.46	+22 32.1	2.007	2.869	12.5	19.3
5 11	14 47.27	+22 45.3	2.012	2.852	13.5	19.4
5 21	14 39.55	+22 26.7	2.038	2.835	14.9	19.4
5 31	14 33.09	+21 37.6	2.082	2.818	16.5	19.5
6 10	14 28.49	+20 21.9	2.142	2.802	18.1	19.6

123445 2000 WL_{131} 5 5.7 203°.20 1°.4/ 4.6 18

4 1	15 16.49	−13 53.8	2.195	3.036	12.0	20.9
4 11	15 11.22	−13 24.3	2.112	3.033	8.9	20.7
4 21	15 4.09	−12 49.2	2.052	3.029	5.5	20.5
5 1	14 55.73	−12 11.3	2.020	3.024	2.0	20.3
5 11	14 46.97	−11 34.2	2.017	3.019	2.9	20.3
5 21	14 38.67	−11 1.6	2.042	3.014	6.5	20.5
5 31	14 31.60	−10 37.3	2.093	3.008	10.0	20.7
6 10	14 26.34	−10 23.5	2.167	3.001	13.0	20.9

418017 2007 UQ_{42} 5 5.7 269°.28 2°.1/ 6.9 17

4 1	15 18.62	−22 54.9	1.568	2.405	16.1	21.5
4 11	15 13.87	−22 51.2	1.475	2.389	12.6	21.2
4 21	15 6.26	−22 32.5	1.402	2.372	8.3	20.9
5 1	14 56.56	−21 58.6	1.354	2.355	3.8	20.6
5 11	14 45.98	−21 12.5	1.332	2.337	3.0	20.5
5 21	14 35.88	−20 19.5	1.335	2.320	7.7	20.7
5 31	14 27.57	−19 26.8	1.363	2.302	12.4	20.9
6 10	14 21.96	−18 41.7	1.412	2.284	16.7	21.1

97306 1999 XH_{192} 5 5.7 184°.37 2°.4/ 7.6 18

4 1	15 17.33	−25 18.5	2.432	3.239	12.1	20.5
4 11	15 11.80	−25 16.6	2.345	3.240	9.4	20.3
4 21	15 4.43	−25 3.1	2.281	3.239	6.4	20.1
5 1	14 55.85	−24 38.2	2.244	3.239	3.4	19.9
5 11	14 46.87	−24 3.8	2.235	3.237	2.7	19.9
5 21	14 38.34	−23 23.2	2.255	3.236	5.4	20.1
5 31	14 31.04	−22 40.7	2.303	3.233	8.5	20.2
6 10	14 25.54	−22 0.9	2.375	3.231	11.3	20.4

327764 2006 UL_{54} 5 5.7 282°.72 1°.8/ 7.6 15

4 1	15 11.74	−24 52.5	3.360	4.164	9.1	21.1
4 11	15 7.32	−24 45.6	3.244	4.137	7.1	21.0
4 21	15 1.57	−24 30.1	3.152	4.111	4.8	20.8
5 1	14 54.91	−24 6.3	3.088	4.084	2.5	20.6
5 11	14 47.89	−23 35.6	3.054	4.057	2.0	20.5
5 21	14 41.06	−23 0.2	3.049	4.029	4.1	20.6
5 31	14 34.98	−22 23.0	3.073	4.002	6.6	20.8
6 10	14 30.12	−21 47.2	3.122	3.974	9.0	20.9

128543 2004 PO_{67} 5 5.7 253°.16 4°.6/10.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 14.88	−33 57.3	2.626	3.397	12.2	19.4
4 11	15 10.05	−33 56.0	2.526	3.387	10.1	19.2
4 21	15 3.39	−33 38.8	2.449	3.377	7.7	19.0
5 1	14 55.52	−33 4.8	2.397	3.367	5.5	18.9
5 11	14 47.23	−32 15.2	2.372	3.357	4.6	18.8
5 21	14 39.35	−31 13.2	2.376	3.346	5.8	18.9
5 31	14 32.67	−30 3.7	2.406	3.336	8.2	19.0
6 10	14 27.75	−28 52.7	2.462	3.325	10.7	19.1

265356 2004 RE_{87} 5 5.7 17°.55 8°.1/ 9.7 18

4 1	15 21.41	−33 10.5	1.545	2.345	18.1	19.5
4 11	15 16.24	−34 28.5	1.472	2.347	15.1	19.3
4 21	15 7.85	−35 27.8	1.419	2.351	11.8	19.1
5 1	14 57.09	−36 2.6	1.389	2.355	9.1	19.0
5 11	14 45.42	−36 10.9	1.382	2.359	8.1	18.9
5 21	14 34.44	−35 54.7	1.400	2.364	9.7	19.0
5 31	14 25.63	−35 20.9	1.441	2.370	12.6	19.2
6 10	14 19.96	−34 38.7	1.502	2.376	15.7	19.4

86826 2000 GG_{142} 5 5.7 34°.53 9°.5/29.6 18

4 1	15 13.57	+ 0 48.5	1.269	2.145	16.7	19.0
4 11	15 9.73	+ 2 31.3	1.229	2.158	13.3	18.8
4 21	15 3.38	+ 4 5.4	1.211	2.171	10.5	18.7
5 1	14 55.50	+ 5 20.1	1.215	2.185	9.6	18.6
5 11	14 47.35	+ 6 7.3	1.241	2.200	11.1	18.8
5 21	14 40.14	+ 6 23.2	1.290	2.215	14.0	19.0
5 31	14 34.82	+ 6 8.1	1.358	2.231	17.1	19.2
6 10	14 31.97	+ 5 26.2	1.443	2.247	19.8	19.4

190604 2000 UG_{89} 5 5.7 265°.40 2°.6/ 4.2 18

4 1	15 19.33	− 9 30.1	1.945	2.791	13.1	20.3
4 11	15 13.72	− 9 23.1	1.851	2.774	9.9	20.1
4 21	15 5.85	− 9 15.0	1.781	2.757	6.3	19.8
5 1	14 56.38	− 9 8.5	1.738	2.739	3.0	19.6
5 11	14 46.23	− 9 6.5	1.722	2.721	4.0	19.6
5 21	14 36.45	− 9 11.8	1.734	2.703	7.8	19.8
5 31	14 28.02	− 9 26.5	1.772	2.684	11.7	20.0
6 10	14 21.68	− 9 52.2	1.832	2.665	15.1	20.2

125518 2001 WW_{44} 5 5.7 60°.24 3°.9/ 3.9 18

4 1	15 20.44	− 6 17.6	1.633	2.487	14.8	19.8
4 11	15 14.56	− 6 14.4	1.570	2.495	11.2	19.6
4 21	15 6.29	− 6 13.7	1.529	2.503	7.2	19.3
5 1	14 56.46	− 6 18.6	1.514	2.511	4.2	19.2
5 11	14 46.22	− 6 32.3	1.525	2.520	5.2	19.3
5 21	14 36.72	− 6 56.5	1.563	2.528	8.8	19.5
5 31	14 28.94	− 7 32.1	1.626	2.537	12.6	19.7
6 10	14 23.55	− 8 18.6	1.709	2.546	15.9	20.0

457290 2008 RU_{128} 5 5.7 177°.85 0°.4/ 5.9 16

4 1	15 20.72	−19 22.9	1.621	2.461	15.6	22.5
4 11	15 15.02	−19 5.1	1.545	2.463	11.8	22.2
4 21	15 6.72	−18 35.4	1.490	2.465	7.4	22.0
5 1	14 56.64	−17 55.6	1.461	2.465	2.5	21.7
5 11	14 46.02	−17 9.8	1.459	2.465	2.6	21.7
5 21	14 36.09	−16 23.7	1.484	2.465	7.4	22.0
5 31	14 27.99	−15 43.2	1.533	2.464	11.9	22.2
6 10	14 22.45	−15 13.2	1.604	2.462	15.7	22.4

443198 2014 DG_{56} 5 5.7 354°.32 6°.0/30.5 17

4 1	15 11.98	− 1 26.8	2.085	2.941	11.9	21.1
4 11	15 7.84	− 0 16.8	2.019	2.940	9.3	20.9
4 21	15 2.00	+ 0 50.2	1.978	2.939	7.0	20.7
5 1	14 55.05	+ 1 48.3	1.962	2.938	6.0	20.7
5 11	14 47.81	+ 2 32.3	1.974	2.938	7.2	20.7
5 21	14 41.04	+ 2 58.6	2.011	2.937	9.6	20.9
5 31	14 35.46	+ 3 5.6	2.071	2.937	12.3	21.1
6 10	14 31.59	+ 2 53.7	2.151	2.937	14.7	21.2

17668 1996 XW_5 5 5.7 350°.28 4°.5/ 9.3 18

4 1	15 15.27	−31 1.2	2.138	2.934	13.8	17.8
4 11	15 10.63	−31 10.5	2.053	2.933	11.2	17.6
4 21	15 3.88	−31 3.5	1.990	2.932	8.3	17.4
5 1	14 55.71	−30 39.2	1.951	2.931	5.6	17.2
5 11	14 47.06	−29 59.1	1.939	2.931	4.6	17.2
5 21	14 38.95	−29 6.9	1.953	2.930	6.4	17.3
5 31	14 32.25	−28 8.3	1.994	2.929	9.3	17.5
6 10	14 27.62	−27 9.7	2.059	2.929	12.2	17.6

192914 1999 XY_{247} 5 5.7 167°.65 3°.3/ 2.9 18

4 1	15 16.15	− 6 50.6	2.520	3.361	10.6	21.0
4 11	15 10.64	− 6 14.4	2.447	3.366	8.0	20.8
4 21	15 3.59	− 5 37.9	2.399	3.370	5.2	20.7
5 1	14 55.56	− 5 4.7	2.380	3.374	3.4	20.6
5 11	14 47.27	− 4 38.1	2.390	3.377	4.3	20.6
5 21	14 39.42	− 4 20.8	2.428	3.379	6.9	20.8
5 31	14 32.65	− 4 14.6	2.492	3.381	9.6	21.0
6 10	14 27.43	− 4 20.3	2.580	3.382	12.1	21.1

370721 2004 RF_{53} 5 5.7 182°.15 5°.1/30.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 15.25	− 2 0.1	2.507	3.349	10.7	22.0
4 11	15 9.98	− 0 52.9	2.436	3.350	8.3	21.8
4 21	15 3.19	+ 0 12.2	2.391	3.350	6.1	21.7
5 1	14 55.43	+ 1 10.4	2.374	3.350	5.1	21.6
5 11	14 47.41	+ 1 57.2	2.385	3.349	6.1	21.7
5 21	14 39.81	+ 2 29.5	2.424	3.347	8.4	21.8
5 31	14 33.28	+ 2 45.4	2.488	3.345	10.8	22.0
6 10	14 28.28	+ 2 44.9	2.574	3.342	13.0	22.1

466524 2014 QV_{420} 5 5.7 184°.32 0°.0/ 5.5 16

4 1	15 20.65	−17 53.9	1.919	2.753	13.8	22.4
4 11	15 14.61	−17 39.2	1.838	2.753	10.4	22.2
4 21	15 6.32	−17 15.5	1.780	2.753	6.4	21.9
5 1	14 56.50	−16 44.5	1.748	2.753	2.1	21.7
5 11	14 46.19	−16 9.7	1.745	2.751	2.4	21.7
5 21	14 36.46	−15 35.2	1.770	2.749	6.7	21.9
5 31	14 28.27	−15 5.6	1.821	2.746	10.7	22.2
6 10	14 22.29	−14 44.8	1.895	2.742	14.1	22.4

291276 2006 BE_{98} 5 5.7 295°.67 6°.5/23.3 18

4 1	15 6.54	+17 50.1	4.353	5.139	7.5	20.4
4 11	15 3.07	+18 51.2	4.302	5.135	6.8	20.3
4 21	14 58.79	+19 43.2	4.276	5.130	6.5	20.3
5 1	14 53.99	+20 23.1	4.275	5.126	6.6	20.3
5 11	14 49.04	+20 49.0	4.298	5.122	7.1	20.3
5 21	14 44.30	+20 59.8	4.345	5.117	7.9	20.4
5 31	14 40.12	+20 55.5	4.412	5.113	8.8	20.5
6 10	14 36.77	+20 37.1	4.498	5.109	9.7	20.5

153431 2001 QP_{217} 5 5.7 170°.37 2°.6/ 7.8 17

4 1	15 20.12	−25 55.4	2.479	3.277	12.1	21.8
4 11	15 13.84	−25 59.4	2.393	3.282	9.5	21.6
4 21	15 5.68	−25 51.8	2.332	3.287	6.5	21.4
5 1	14 56.27	−25 32.4	2.297	3.290	3.6	21.2
5 11	14 46.49	−25 2.7	2.292	3.293	2.9	21.2
5 21	14 37.19	−24 25.8	2.317	3.295	5.4	21.4
5 31	14 29.17	−23 46.1	2.369	3.296	8.4	21.5
6 10	14 23.00	−23 8.2	2.446	3.297	11.2	21.7

214086 2004 JW_2 5 5.7 292°.72 0°.0/ 5.5 18

4 1	15 17.59	−16 40.0	2.324	3.156	11.7	19.7
4 11	15 12.34	−16 40.3	2.204	3.119	8.9	19.5
4 21	15 5.02	−16 34.7	2.107	3.081	5.6	19.2
5 1	14 56.15	−16 24.1	2.038	3.042	1.9	18.9
5 11	14 46.51	−16 10.3	1.998	3.004	2.1	18.8
5 21	14 36.99	−15 56.0	1.986	2.964	6.1	19.0
5 31	14 28.49	−15 44.5	2.002	2.925	9.9	19.2
6 10	14 21.78	−15 39.0	2.040	2.884	13.4	19.3

210481 1996 HQ_1 5 5.7 216°.33 7°.2/29.9 18

4 1	15 18.33	−10 26.2	1.213	2.086	17.6	19.7
4 11	15 13.73	− 7 30.5	1.145	2.081	13.3	19.5
4 21	15 6.12	− 4 18.7	1.100	2.076	9.1	19.2
5 1	14 56.49	− 1 6.2	1.081	2.070	7.3	19.1
5 11	14 46.27	+ 1 48.6	1.088	2.064	10.0	19.2
5 21	14 36.94	+ 4 10.9	1.120	2.057	14.5	19.4
5 31	14 29.74	+ 5 52.0	1.173	2.050	18.9	19.7
6 10	14 25.45	+ 6 51.4	1.242	2.042	22.7	19.9

40936 1999 TP_{200} 5 5.7 221°.87 2°.4/ 3.9 17

4 1	15 17.08	−13 41.0	1.759	2.610	14.0	19.5
4 11	15 12.10	−12 43.8	1.677	2.603	10.5	19.3
4 21	15 4.84	−11 38.2	1.618	2.596	6.5	19.0
5 1	14 56.05	−10 28.6	1.586	2.589	2.8	18.8
5 11	14 46.75	− 9 21.3	1.581	2.581	4.1	18.8
5 21	14 38.00	− 8 22.5	1.603	2.572	8.3	19.1
5 31	14 30.79	− 7 37.5	1.650	2.564	12.3	19.3
6 10	14 25.79	− 7 9.5	1.718	2.554	15.8	19.5

428754 2008 SX_{58} 5 5.7 204°.54 1°.0/ 4.9 17

4 1	15 16.15	−15 7.6	2.205	3.045	12.0	21.8
4 11	15 10.99	−14 42.3	2.121	3.042	9.0	21.6
4 21	15 3.98	−14 10.8	2.062	3.038	5.5	21.3
5 1	14 55.74	−13 35.5	2.030	3.034	1.8	21.1
5 11	14 47.10	−12 59.7	2.026	3.029	2.6	21.1
5 21	14 38.91	−12 27.3	2.050	3.025	6.3	21.3
5 31	14 31.95	−12 1.9	2.101	3.020	9.8	21.5
6 10	14 26.80	−11 46.0	2.175	3.014	12.8	21.7

378956 2008 UC_{189} 5 5.7 132°.17 1°.2/ 6.6 17

4 1	15 17.97	−20 50.9	2.178	3.003	12.7	22.2
4 11	15 12.34	−20 48.8	2.103	3.012	9.6	22.0
4 21	15 4.79	−20 37.2	2.052	3.021	6.1	21.8
5 1	14 55.99	−20 17.1	2.028	3.030	2.5	21.6
5 11	14 46.84	−19 51.0	2.033	3.039	2.1	21.6
5 21	14 38.25	−19 22.1	2.066	3.047	5.7	21.8
5 31	14 31.01	−18 54.6	2.125	3.055	9.1	22.1
6 10	14 25.71	−18 32.2	2.208	3.062	12.1	22.3

427344 2014 WA_{354} 5 5.7 72.°71 4.°2/ 2.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 15.37	− 9 29.6	1.669	2.530	14.2	20.9
4 11	15 10.58	− 8 12.5	1.617	2.548	10.5	20.7
4 21	15 3.72	− 6 52.2	1.589	2.565	6.8	20.6
5 1	14 55.62	− 5 35.3	1.587	2.583	4.2	20.4
5 11	14 47.32	− 4 28.8	1.611	2.601	5.7	20.6
5 21	14 39.78	− 3 38.0	1.662	2.618	9.1	20.8
5 31	14 33.85	− 3 6.2	1.736	2.636	12.5	21.0
6 10	14 30.03	− 2 54.0	1.831	2.653	15.5	21.3

69124 2003 EQ_{39} 5 5.7 177.°76 4.°7/ 8.7 17

4 1	15 22.33	−29 58.8	2.493	3.271	12.6	19.6
4 11	15 15.76	−30 55.6	2.404	3.272	10.2	19.4
4 21	15 7.04	−31 40.9	2.338	3.273	7.7	19.3
5 1	14 56.79	−32 12.1	2.300	3.273	5.4	19.1
5 11	14 45.91	−32 28.3	2.290	3.273	4.8	19.1
5 21	14 35.39	−32 30.7	2.308	3.273	6.4	19.2
5 31	14 26.16	−32 22.5	2.354	3.273	8.9	19.3
6 10	14 18.92	−32 8.5	2.424	3.272	11.4	19.5

468386 2016 GW_{65} 5 5.7 189.°55 1.°5/ 4.7 17

4 1	15 18.78	−13 59.5	1.926	2.769	13.3	21.8
4 11	15 13.17	−13 32.1	1.847	2.769	10.0	21.6
4 21	15 5.42	−12 58.6	1.791	2.768	6.1	21.4
5 1	14 56.23	−12 21.8	1.762	2.766	2.2	21.1
5 11	14 46.60	−11 45.8	1.761	2.763	3.2	21.2
5 21	14 37.51	−11 14.9	1.788	2.761	7.2	21.4
5 31	14 29.88	−10 52.8	1.840	2.757	11.0	21.6
6 10	14 24.34	−10 42.3	1.915	2.753	14.3	21.8

347744 2002 AU_{78} 5 5.7 80.°69 4.°0/ 9.1 18

4 1	15 15.46	−30 13.8	2.298	3.093	13.0	20.5
4 11	15 10.58	−30 18.6	2.217	3.098	10.5	20.3
4 21	15 3.77	−30 8.4	2.158	3.103	7.6	20.2
5 1	14 55.69	−29 42.8	2.125	3.107	5.0	20.0
5 11	14 47.23	−29 3.3	2.119	3.112	4.0	20.0
5 21	14 39.30	−28 13.7	2.140	3.117	5.9	20.1
5 31	14 32.70	−27 19.0	2.188	3.122	8.7	20.3
6 10	14 28.01	−26 24.9	2.260	3.127	11.4	20.4

388782 2008 AM_{30} 5 5.7 16.°92 8.°7/30.6 17

4 1	15 15.21	+ 6 1.4	1.760	2.608	14.1	20.0
4 11	15 10.46	+ 6 42.9	1.707	2.614	11.6	19.9
4 21	15 3.68	+ 7 12.2	1.677	2.620	9.5	19.7
5 1	14 55.64	+ 7 23.6	1.670	2.627	8.7	19.7
5 11	14 47.32	+ 7 12.9	1.688	2.634	9.6	19.8
5 21	14 39.67	+ 6 39.2	1.730	2.643	11.8	19.9
5 31	14 33.50	+ 5 43.9	1.794	2.651	14.3	20.1
6 10	14 29.38	+ 4 30.3	1.878	2.661	16.6	20.3

294311 2007 VT_{38} 5 5.7 210.°26 3.°6/ 3.2 16

4 1	15 18.84	− 8 57.9	1.891	2.740	13.3	21.7
4 11	15 13.26	− 8 11.0	1.810	2.734	10.0	21.5
4 21	15 5.50	− 7 21.0	1.753	2.727	6.5	21.3
5 1	14 56.28	− 6 32.5	1.722	2.719	3.8	21.1
5 11	14 46.56	− 5 50.6	1.719	2.711	5.0	21.2
5 21	14 37.36	− 5 19.9	1.743	2.702	8.6	21.4
5 31	14 29.60	− 5 3.7	1.793	2.693	12.2	21.6
6 10	14 23.94	− 5 3.5	1.863	2.682	15.4	21.7

135847 2002 SR_{38} 5 5.7 231.°11 2.°1/ 4.3 18

4 1	15 17.08	−13 27.7	1.778	2.629	13.9	20.5
4 11	15 12.11	−12 46.8	1.696	2.622	10.4	20.3
4 21	15 4.87	−11 58.8	1.637	2.615	6.4	20.0
5 1	14 56.09	−11 7.4	1.604	2.607	2.6	19.8
5 11	14 46.78	−10 18.0	1.598	2.599	3.8	19.8
5 21	14 38.00	− 9 35.8	1.619	2.591	7.9	20.1
5 31	14 30.74	− 9 5.3	1.665	2.582	12.0	20.3
6 10	14 25.66	− 8 49.4	1.732	2.573	15.5	20.5

512340 2016 LE_{56} 5 5.7 303.°82 2.°0/ 3.9 17

4 1	15 11.87	−14 1.0	2.151	3.001	11.9	20.6
4 11	15 7.85	−13 2.2	2.066	2.993	8.8	20.4
4 21	15 2.07	−11 56.0	2.007	2.985	5.4	20.1
5 1	14 55.14	−10 46.4	1.974	2.977	2.3	19.9
5 11	14 47.85	− 9 38.7	1.969	2.969	3.4	20.0
5 21	14 40.98	− 8 37.9	1.992	2.961	6.9	20.2
5 31	14 35.29	− 7 48.6	2.041	2.953	10.3	20.4
6 10	14 31.31	− 7 13.5	2.112	2.946	13.3	20.5

118381 1999 JU_{5} 5 5.7 74.°78 1.°1/ 5.6 18

4 1	15 38.30	− 7 49.5	0.991	1.846	22.0	18.9
4 11	15 29.76	− 9 30.7	0.929	1.855	16.8	18.6
4 21	15 16.62	−11 22.9	0.887	1.864	10.5	18.3
5 1	15 0.08	−13 22.0	0.868	1.873	3.6	17.9
5 11	14 42.34	−15 21.3	0.876	1.882	4.1	18.0
5 21	14 25.87	−17 14.5	0.910	1.891	10.8	18.4
5 31	14 12.76	−18 59.3	0.967	1.900	16.8	18.7
6 10	14 4.14	−20 37.1	1.043	1.909	21.6	19.0

274668 2008 TG_{177} 5 5.7 216.°02 3.°5/ 3.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 15.47	− 8 50.6	1.870	2.726	13.1	20.1
4 11	15 10.69	− 8 8.9	1.798	2.725	9.8	19.9
4 21	15 3.88	− 7 25.1	1.749	2.725	6.3	19.7
5 1	14 55.74	− 6 43.5	1.726	2.724	3.7	19.5
5 11	14 47.20	− 6 9.0	1.731	2.724	4.9	19.6
5 21	14 39.22	− 5 45.5	1.762	2.723	8.3	19.8
5 31	14 32.63	− 5 36.0	1.817	2.723	11.8	20.0
6 10	14 28.04	− 5 41.4	1.894	2.722	14.9	20.2

156933 2003 FM_{96} 5 5.7 149.°05 8.°5/12.3 17

4 1	15 29.94	−43 44.1	2.568	3.259	14.3	21.1
4 11	15 21.79	−44 53.4	2.488	3.272	12.6	21.0
4 21	15 10.91	−45 43.6	2.429	3.284	10.7	20.9
5 1	14 58.09	−46 9.7	2.393	3.295	9.2	20.8
5 11	14 44.54	−46 9.7	2.384	3.305	8.5	20.8
5 21	14 31.57	−45 45.1	2.402	3.315	8.9	20.8
5 31	14 20.38	−45 0.9	2.445	3.323	10.2	20.9
6 10	14 11.78	−44 4.6	2.512	3.331	11.9	21.0

140460 2001 TR_{127} 5 5.7 179.°57 1.°5/ 4.3 18

4 1	15 13.39	−14 9.2	2.495	3.336	10.7	20.9
4 11	15 8.69	−13 20.8	2.416	3.337	8.0	20.7
4 21	15 2.46	−12 26.7	2.361	3.338	4.9	20.5
5 1	14 55.25	−11 29.9	2.335	3.338	1.9	20.3
5 11	14 47.77	−10 34.5	2.337	3.338	2.8	20.4
5 21	14 40.71	− 9 44.5	2.369	3.337	6.0	20.6
5 31	14 34.70	− 9 3.4	2.427	3.337	9.0	20.7
6 10	14 30.24	− 8 33.5	2.508	3.336	11.7	20.9

140790 2001 UV_{142} 5 5.7 305.°15 0.°6/ 5.2 17

4 1	15 13.33	−16 55.1	2.062	2.907	12.5	19.9
4 11	15 9.06	−16 22.9	1.978	2.900	9.4	19.7
4 21	15 2.88	−15 42.2	1.917	2.894	5.7	19.5
5 1	14 55.43	−14 55.7	1.882	2.887	1.8	19.2
5 11	14 47.56	−14 7.5	1.875	2.880	2.5	19.2
5 21	14 40.14	−13 22.0	1.896	2.874	6.4	19.5
5 31	14 33.98	−12 43.8	1.942	2.868	10.1	19.7
6 10	14 29.68	−12 16.1	2.011	2.862	13.3	19.9

323406 2004 BB_{86} 5 5.7 344.°47 17.°1/16.8 18

4 1	15 22.46	−48 26.1	1.059	1.821	26.9	20.2
4 11	15 19.33	−49 57.9	0.994	1.819	24.4	20.0
4 21	15 10.92	−50 49.9	0.940	1.817	21.7	19.8
5 1	14 58.37	−50 48.8	0.901	1.815	19.1	19.6
5 11	14 44.24	−49 47.0	0.879	1.814	17.4	19.5
5 21	14 31.59	−47 48.1	0.873	1.813	17.2	19.5
5 31	14 22.92	−45 7.4	0.887	1.812	18.8	19.6
6 10	14 19.44	−42 7.3	0.918	1.812	21.5	19.7

508523 2016 QF_{85} 5 5.7 348.°02 4.°9/ 9.2 17

4 1	15 15.31	−30 35.9	1.963	2.766	14.7	20.5
4 11	15 10.90	−30 56.4	1.878	2.763	11.9	20.3
4 21	15 4.19	−31 0.5	1.815	2.759	8.8	20.1
5 1	14 55.90	−30 46.6	1.776	2.757	6.0	19.9
5 11	14 47.04	−30 15.7	1.762	2.754	5.0	19.8
5 21	14 38.71	−29 31.4	1.775	2.752	6.9	20.0
5 31	14 31.90	−28 39.5	1.814	2.751	10.0	20.1
6 10	14 27.32	−27 46.7	1.875	2.749	13.0	20.3

82989 2001 QM_{148} 5 5.7 199.°08 4.°1/ 2.3 18

4 1	15 14.60	− 4 30.4	2.470	3.315	10.7	19.8
4 11	15 9.59	− 3 51.0	2.394	3.313	8.1	19.7
4 21	15 3.02	− 3 12.8	2.343	3.310	5.6	19.5
5 1	14 55.45	− 2 39.6	2.319	3.307	4.1	19.4
5 11	14 47.57	− 2 15.0	2.324	3.304	5.1	19.4
5 21	14 40.10	− 2 1.6	2.356	3.300	7.5	19.6
5 31	14 33.67	− 2 1.1	2.414	3.296	10.2	19.8
6 10	14 28.79	− 2 13.8	2.495	3.292	12.6	19.9

31410 1999 AY_{5} 5 5.7 147.°87 2.°7/ 4.2 18

4 1	15 21.47	−10 55.7	1.642	2.492	14.9	18.8
4 11	15 15.39	−10 32.1	1.574	2.499	11.2	18.6
4 21	15 6.87	−10 5.0	1.530	2.506	6.9	18.3
5 1	14 56.74	− 9 38.1	1.511	2.513	3.1	18.1
5 11	14 46.17	− 9 15.9	1.520	2.519	4.3	18.2
5 21	14 36.35	− 9 2.2	1.555	2.525	8.4	18.4
5 31	14 28.29	− 9 0.0	1.615	2.530	12.4	18.7
6 10	14 22.67	− 9 10.9	1.696	2.534	15.9	18.9

31811 1999 NA_{41} 5 5.7 11.°10 4.°6/ 9.3 18

4 1	15 16.38	−30 50.7	2.218	3.010	13.5	18.1
4 11	15 11.44	−31 13.1	2.133	3.011	11.0	17.9
4 21	15 4.41	−31 20.6	2.071	3.011	8.1	17.7
5 1	14 55.95	−31 11.8	2.034	3.012	5.6	17.6
5 11	14 47.01	−30 47.5	2.023	3.013	4.7	17.5
5 21	14 38.56	−30 10.8	2.040	3.014	6.4	17.6
5 31	14 31.49	−29 26.5	2.082	3.015	9.1	17.8
6 10	14 26.46	−28 40.4	2.149	3.016	11.9	18.0

240775 2005 SM_{36} 5 5.7 268°.18 0°.3/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 14.35	−18 43.1	2.412	3.244	11.4	21.1
4 11	15 9.66	−18 28.2	2.314	3.229	8.6	20.9
4 21	15 3.22	−18 5.4	2.240	3.213	5.4	20.6
5 1	14 55.56	−17 36.1	2.193	3.197	1.8	20.4
5 11	14 47.44	−17 2.8	2.175	3.181	1.9	20.3
5 21	14 39.65	−16 28.9	2.185	3.165	5.5	20.5
5 31	14 32.93	−15 58.1	2.222	3.149	8.9	20.7
6 10	14 27.87	−15 33.9	2.283	3.133	11.9	20.9

364140 2006 DM_{11} 5 5.7 0°.30 7°.6/ 1.9 17

4 1	15 17.40	− 2 14.8	1.244	2.117	17.2	19.8
4 11	15 12.95	− 1 20.4	1.184	2.116	13.4	19.6
4 21	15 5.63	− 0 30.9	1.145	2.115	9.7	19.4
5 1	14 56.38	+ 0 5.4	1.129	2.115	7.6	19.2
5 11	14 46.57	+ 0 21.5	1.136	2.115	9.1	19.3
5 21	14 37.59	+ 0 13.3	1.165	2.116	12.7	19.5
5 31	14 30.65	− 0 19.7	1.216	2.117	16.6	19.7
6 10	14 26.50	− 1 14.9	1.284	2.119	20.1	20.0

391307 2006 SK_{402} 5 5.7 341°.12 2°.1/ 3.9 17

4 1	15 12.64	−13 22.3	2.144	2.994	11.9	21.3
4 11	15 8.37	−12 27.7	2.068	2.994	8.8	21.1
4 21	15 2.38	−11 26.9	2.015	2.993	5.4	20.8
5 1	14 55.26	−10 23.9	1.990	2.992	2.4	20.6
5 11	14 47.82	− 9 23.5	1.993	2.992	3.5	20.7
5 21	14 40.86	− 8 30.6	2.023	2.991	6.9	20.9
5 31	14 35.09	− 7 49.0	2.079	2.991	10.2	21.1
6 10	14 31.05	− 7 21.3	2.158	2.991	13.1	21.3

497273 2005 NB_{33} 5 5.7 239°.27 1°.7/ 4.5 17

4 1	15 17.98	−13 25.3	2.135	2.976	12.3	22.9
4 11	15 12.55	−12 52.1	2.039	2.959	9.2	22.6
4 21	15 5.08	−12 12.8	1.966	2.942	5.7	22.4
5 1	14 56.19	−11 30.3	1.921	2.924	2.3	22.1
5 11	14 46.74	−10 48.5	1.904	2.906	3.2	22.1
5 21	14 37.66	−10 11.8	1.916	2.886	7.0	22.3
5 31	14 29.81	− 9 43.9	1.954	2.866	10.7	22.5
6 10	14 23.88	− 9 27.9	2.015	2.845	14.0	22.7

34036 2000 OX_{27} 5 5.7 90°.69 14°.4/16.5 18 R

4 1	15 36.05	−51 2.2	1.676	2.353	21.3	17.2
4 11	15 28.24	−52 55.2	1.622	2.377	19.3	17.1
4 21	15 15.76	−54 17.4	1.584	2.400	17.3	17.0
5 1	14 59.83	−54 58.6	1.565	2.423	15.6	16.9
5 11	14 42.72	−54 54.2	1.565	2.445	14.5	16.9
5 21	14 27.00	−54 6.8	1.587	2.467	14.5	17.0
5 31	14 14.76	−52 46.5	1.629	2.489	15.3	17.1
6 10	14 7.09	−51 7.2	1.691	2.510	16.8	17.2

173914 2001 VA_{48} 5 5.7 206°.34 3°.2/ 3.1 18

4 1	15 14.91	− 6 31.3	2.637	3.479	10.2	20.4
4 11	15 9.76	− 6 4.0	2.555	3.474	7.7	20.2
4 21	15 3.12	− 5 36.8	2.499	3.470	5.1	20.0
5 1	14 55.49	− 5 12.9	2.471	3.465	3.2	19.9
5 11	14 47.56	− 4 55.2	2.472	3.460	4.1	19.9
5 21	14 39.99	− 4 46.0	2.502	3.454	6.7	20.1
5 31	14 33.40	− 4 47.0	2.557	3.449	9.3	20.2
6 10	14 28.28	− 4 59.0	2.636	3.442	11.8	20.4

162959 2001 QW_{143} 5 5.7 105°.59 0°.2/ 5.9 17

4 1	15 16.12	−19 2.4	2.677	3.500	10.6	20.9
4 11	15 10.52	−18 41.7	2.614	3.524	7.9	20.8
4 21	15 3.48	−18 13.9	2.576	3.548	4.9	20.6
5 1	14 55.58	−17 40.7	2.567	3.571	1.7	20.4
5 11	14 47.53	−17 4.9	2.587	3.594	1.7	20.5
5 21	14 40.00	−16 29.4	2.637	3.616	4.8	20.7
5 31	14 33.58	−15 57.5	2.715	3.637	7.7	20.9
6 10	14 28.69	−15 31.8	2.817	3.658	10.2	21.1

97281 1999 XD_{151} 5 5.7 166°.53 2°.9/ 3.5 18

4 1	15 17.47	− 7 58.3	2.375	3.216	11.2	20.0
4 11	15 11.75	− 7 33.9	2.301	3.221	8.4	19.8
4 21	15 4.37	− 7 8.9	2.252	3.225	5.4	19.6
5 1	14 55.90	− 6 46.4	2.231	3.228	3.1	19.5
5 11	14 47.14	− 6 29.5	2.239	3.231	4.0	19.6
5 21	14 38.84	− 6 20.8	2.275	3.233	6.9	19.7
5 31	14 31.70	− 6 22.1	2.337	3.235	9.8	19.9
6 10	14 26.24	− 6 34.1	2.423	3.237	12.5	20.1

391366 2006 VV_{71} 5 5.7 39°.53 0°.8/ 6.4 17

4 1	15 12.82	−21 57.6	1.991	2.827	13.3	20.6
4 11	15 8.64	−21 18.0	1.921	2.837	10.0	20.4
4 21	15 2.58	−20 25.8	1.875	2.847	6.3	20.2
5 1	14 55.33	−19 23.8	1.855	2.858	2.4	20.0
5 11	14 47.81	−18 16.4	1.862	2.869	2.0	20.0
5 21	14 40.89	−17 9.3	1.897	2.880	5.9	20.3
5 31	14 35.36	−16 7.9	1.958	2.892	9.5	20.5
6 10	14 31.72	−15 16.7	2.042	2.903	12.7	20.7

478258 2011 UA_{392} 5 5.7 192°.23 1°.5/ 4.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 14.08	−12 17.6	2.822	3.658	9.8	22.2
4 11	15 9.08	−11 55.6	2.738	3.657	7.2	22.0
4 21	15 2.67	−11 30.6	2.680	3.655	4.4	21.8
5 1	14 55.36	−11 4.6	2.650	3.653	1.8	21.7
5 11	14 47.76	−10 40.2	2.650	3.650	2.6	21.7
5 21	14 40.50	−10 20.0	2.679	3.647	5.4	21.9
5 31	14 34.17	−10 6.3	2.735	3.644	8.2	22.1
6 10	14 29.23	−10 0.6	2.815	3.640	10.6	22.2

505921 2015 EL_{58} 5 5.7 243°.40 9°.1/28.2 18

4 1	15 17.29	+10 51.2	2.258	3.078	12.4	20.6
4 11	15 11.77	+11 48.6	2.188	3.067	10.7	20.4
4 21	15 4.46	+12 34.1	2.141	3.055	9.4	20.3
5 1	14 55.97	+13 1.7	2.120	3.042	9.1	20.3
5 11	14 47.09	+13 7.0	2.123	3.030	10.1	20.3
5 21	14 38.67	+12 48.5	2.151	3.017	11.8	20.4
5 31	14 31.45	+12 6.5	2.201	3.004	13.8	20.5
6 10	14 25.98	+11 4.0	2.271	2.990	15.8	20.6

284541 2007 RD_{218} 5 5.7 151°.36 0°.9/ 4.9 18

4 1	15 14.79	−15 24.9	2.312	3.152	11.5	21.2
4 11	15 9.87	−14 56.0	2.236	3.156	8.6	21.0
4 21	15 3.26	−14 21.0	2.184	3.160	5.2	20.8
5 1	14 55.56	−13 42.5	2.159	3.163	1.7	20.6
5 11	14 47.56	−13 3.7	2.163	3.167	2.4	20.6
5 21	14 40.02	−12 28.5	2.195	3.170	5.9	20.9
5 31	14 33.66	−12 0.1	2.254	3.173	9.2	21.1
6 10	14 28.99	−11 41.1	2.336	3.175	12.0	21.3

522766 2016 NZ_{75} 5 5.7 195°.91 5°.1/10.3 18

4 1	15 17.79	−34 37.8	2.560	3.323	12.7	21.8
4 11	15 12.31	−34 52.6	2.467	3.321	10.5	21.6
4 21	15 4.88	−34 51.5	2.397	3.319	8.1	21.5
5 1	14 56.12	−34 33.1	2.352	3.316	6.0	21.3
5 11	14 46.92	−33 57.9	2.334	3.313	5.1	21.3
5 21	14 38.17	−33 8.9	2.344	3.310	6.3	21.3
5 31	14 30.72	−32 10.8	2.381	3.306	8.5	21.5
6 10	14 25.16	−31 9.5	2.443	3.302	10.9	21.6

140521 2001 TS_{170} 5 5.7 3°.78 5°.0/ 9.1 17

4 1	15 17.26	−30 18.5	2.004	2.804	14.5	19.3
4 11	15 12.34	−30 51.3	1.922	2.804	11.8	19.1
4 21	15 5.09	−31 8.9	1.861	2.804	8.7	18.9
5 1	14 56.23	−31 9.2	1.825	2.804	6.0	18.7
5 11	14 46.79	−30 52.7	1.815	2.805	5.1	18.7
5 21	14 37.88	−30 22.4	1.831	2.806	6.9	18.8
5 31	14 30.49	−29 43.3	1.873	2.807	9.9	18.9
6 10	14 25.36	−29 1.9	1.938	2.808	12.9	19.1

433152 2012 TY_{241} 5 5.7 298°.50 0°.6/ 5.3 17

4 1	15 14.61	−16 55.4	1.803	2.653	13.8	21.5
4 11	15 10.39	−16 29.5	1.713	2.637	10.4	21.2
4 21	15 3.92	−15 54.1	1.644	2.622	6.4	21.0
5 1	14 55.86	−15 11.8	1.602	2.606	2.1	20.6
5 11	14 47.19	−14 26.7	1.586	2.591	2.7	20.7
5 21	14 38.95	−13 43.9	1.596	2.576	7.2	20.9
5 31	14 32.14	−13 8.5	1.632	2.561	11.4	21.1
6 10	14 27.48	−12 44.5	1.689	2.546	15.1	21.3

385452 2003 SD_{64} 5 5.7 213°.00 1°.1/ 4.8 18

4 1	15 16.42	−14 5.1	2.589	3.423	10.6	22.5
4 11	15 10.99	−13 41.7	2.498	3.415	7.9	22.3
4 21	15 3.94	−13 13.5	2.431	3.406	4.9	22.1
5 1	14 55.80	−12 42.5	2.393	3.397	1.7	21.9
5 11	14 47.29	−12 11.8	2.384	3.387	2.5	21.9
5 21	14 39.12	−11 44.2	2.404	3.376	5.7	22.1
5 31	14 31.98	−11 22.8	2.452	3.365	8.8	22.3
6 10	14 26.41	−11 9.8	2.524	3.353	11.6	22.4

348453 2005 RN_{24} 5 5.7 283°.12 4°.0/ 8.4 18

4 1	15 17.67	−28 12.4	2.351	3.149	12.7	20.3
4 11	15 12.48	−28 42.1	2.244	3.128	10.2	20.1
4 21	15 5.17	−29 0.1	2.159	3.106	7.4	19.9
5 1	14 56.28	−29 4.7	2.100	3.085	4.8	19.7
5 11	14 46.69	−28 56.0	2.069	3.063	4.1	19.6
5 21	14 37.35	−28 35.8	2.066	3.042	6.2	19.7
5 31	14 29.21	−28 8.1	2.090	3.020	9.2	19.8
6 10	14 23.00	−27 37.9	2.137	2.998	12.2	20.0

141345 2002 AQ_{15} 5 5.7 107°.16 8°.4/16.3 18

4 1	15 23.34	−49 56.4	2.891	3.540	13.6	20.1
4 11	15 16.46	−50 23.4	2.820	3.562	12.2	20.0
4 21	15 7.36	−50 29.2	2.767	3.583	10.7	20.0
5 1	14 56.89	−50 10.8	2.736	3.604	9.3	19.9
5 11	14 46.15	−49 28.1	2.729	3.625	8.5	19.9
5 21	14 36.21	−48 23.7	2.747	3.645	8.5	19.9
5 31	14 27.97	−47 2.9	2.791	3.664	9.2	20.0
6 10	14 22.02	−45 32.6	2.859	3.683	10.5	20.1

224771 2006 FN_{16} 5 5.7 326°.34 2°.9/ 8.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 14.54	−26 43.2	2.668	3.470	11.2	20.3
4 11	15 9.70	−26 58.4	2.580	3.469	8.9	20.2
4 21	15 3.19	−27 3.2	2.515	3.467	6.2	20.0
5 1	14 55.57	−26 57.1	2.477	3.466	3.7	19.8
5 11	14 47.56	−26 41.2	2.466	3.464	3.0	19.8
5 21	14 39.91	−26 17.9	2.485	3.463	5.1	19.9
5 31	14 33.32	−25 50.5	2.530	3.462	7.8	20.1
6 10	14 28.34	−25 23.0	2.600	3.461	10.3	20.2

138603 2000 QG_{177} 5 5.7 183°.49 2°.7/ 8.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.70	−27 35.3	2.911	3.703	10.6	20.4
4 11	15 10.39	−27 35.1	2.820	3.703	8.4	20.3
4 21	15 3.54	−27 23.9	2.753	3.703	5.9	20.1
5 1	14 55.67	−27 1.7	2.714	3.703	3.5	19.9
5 11	14 47.47	−26 30.0	2.704	3.702	2.8	19.9
5 21	14 39.65	−25 51.5	2.722	3.700	4.7	20.0
5 31	14 32.85	−25 9.6	2.769	3.698	7.3	20.2
6 10	14 27.57	−24 28.6	2.841	3.696	9.7	20.3

331520 2000 QV_{32} 5 5.7 232°.70 1°.4/ 4.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 17.76	−13 31.2	2.396	3.231	11.3	21.7
4 11	15 12.18	−13 5.6	2.298	3.216	8.5	21.5
4 21	15 4.78	−12 34.9	2.225	3.200	5.2	21.3
5 1	14 56.11	−12 1.5	2.179	3.183	2.0	21.0
5 11	14 46.96	−11 28.5	2.163	3.165	2.8	21.1
5 21	14 38.13	−10 59.3	2.176	3.147	6.3	21.3
5 31	14 30.41	−10 37.3	2.216	3.128	9.7	21.4
6 10	14 24.40	−10 25.0	2.280	3.108	12.7	21.6

338220 2002 TF_{12} 5 5.7 215°.05 4°.0/ 8.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 20.08	−28 31.8	2.448	3.238	12.5	21.3
4 11	15 14.10	−29 5.7	2.354	3.232	10.0	21.2
4 21	15 6.05	−29 28.0	2.282	3.226	7.3	21.0
5 1	14 56.55	−29 36.9	2.237	3.220	4.8	20.8
5 11	14 46.46	−29 32.6	2.221	3.213	4.1	20.7
5 21	14 36.73	−29 16.8	2.233	3.206	6.0	20.8
5 31	14 28.25	−28 53.4	2.272	3.198	8.8	21.0
6 10	14 21.70	−28 27.3	2.335	3.190	11.5	21.2

229165 2004 TK_{75} 5 5.7 235°.33 0°.6/ 5.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.94	−17 3.5	2.072	2.912	12.7	20.8
4 11	15 11.04	−16 31.2	1.984	2.903	9.5	20.5
4 21	15 4.15	−15 50.2	1.919	2.894	5.8	20.3
5 1	14 55.91	−15 2.9	1.880	2.885	1.9	20.0
5 11	14 47.20	−14 13.3	1.870	2.875	2.5	20.0
5 21	14 38.94	−13 26.0	1.888	2.865	6.5	20.3
5 31	14 31.97	−12 45.7	1.932	2.855	10.3	20.5
6 10	14 26.92	−12 15.9	1.998	2.844	13.5	20.7

399879 2005 VD_{108} 5 5.7 293°.51 0°.0/ 5.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 19.03	−16 54.8	1.258	2.121	17.8	21.5
4 11	15 14.85	−16 55.8	1.168	2.098	13.6	21.1
4 21	15 7.31	−16 47.0	1.097	2.076	8.6	20.8
5 1	14 57.14	−16 29.4	1.049	2.054	2.9	20.4
5 11	14 45.72	−16 6.6	1.025	2.031	3.3	20.3
5 21	14 34.70	−15 43.6	1.025	2.009	9.4	20.6
5 31	14 25.72	−15 27.0	1.046	1.987	15.1	20.8
6 10	14 19.94	−15 22.3	1.087	1.966	20.0	21.0

219816 2002 BD_{23} 5 5.7 131°.69 3°.5/ 8.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 21.41	−27 31.1	2.224	3.021	13.4	20.5
4 11	15 15.01	−27 49.5	2.150	3.036	10.5	20.3
4 21	15 6.51	−27 54.6	2.099	3.050	7.4	20.2
5 1	14 56.66	−27 45.6	2.075	3.063	4.5	20.0
5 11	14 46.43	−27 23.8	2.079	3.076	3.7	20.0
5 21	14 36.80	−26 52.3	2.111	3.088	5.9	20.1
5 31	14 28.66	−26 15.9	2.170	3.099	9.0	20.3
6 10	14 22.62	−25 39.9	2.254	3.110	11.8	20.5

306432 1998 SD_{74} 5 5.7 236°.69 0°.0/ 5.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 19.59	−17 18.7	1.999	2.834	13.3	21.6
4 11	15 13.95	−17 10.2	1.904	2.820	10.1	21.4
4 21	15 6.06	−16 53.8	1.832	2.806	6.3	21.1
5 1	14 56.58	−16 30.9	1.787	2.792	2.1	20.8
5 11	14 46.45	−16 4.1	1.770	2.776	2.3	20.8
5 21	14 36.72	−15 37.3	1.782	2.760	6.7	21.1
5 31	14 28.37	−15 14.7	1.819	2.744	10.7	21.3
6 10	14 22.13	−14 59.9	1.879	2.727	14.2	21.5

379214 2009 SY_{134} 5 5.7 258°.11 2°.3/ 7.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 18.90	−23 1.3	1.849	2.675	14.5	21.7
4 11	15 13.71	−23 11.5	1.756	2.663	11.3	21.4
4 21	15 6.04	−23 9.7	1.684	2.650	7.5	21.2
5 1	14 56.59	−22 55.6	1.639	2.638	3.6	20.9
5 11	14 46.42	−22 30.9	1.620	2.624	2.9	20.8
5 21	14 36.68	−21 59.1	1.628	2.611	6.7	21.0
5 31	14 28.48	−21 25.6	1.662	2.597	10.8	21.3
6 10	14 22.62	−20 55.8	1.718	2.584	14.5	21.5

224293 2005 TU_{126} 5 5.7 290°.85 1°.1/ 6.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 17.49	−19 48.1	1.642	2.486	15.2	21.0
4 11	15 12.86	−19 50.0	1.553	2.472	11.7	20.7
4 21	15 5.62	−19 41.3	1.485	2.459	7.5	20.5
5 1	14 56.47	−19 22.5	1.442	2.445	2.9	20.1
5 11	14 46.55	−18 56.3	1.425	2.431	2.6	20.1
5 21	14 37.11	−18 26.9	1.434	2.418	7.3	20.3
5 31	14 29.30	−17 59.7	1.467	2.404	11.8	20.6
6 10	14 23.98	−17 39.9	1.522	2.391	15.8	20.8

181708 1993 FW 5 5.7 351°.41 0°.1/ 4.3 08 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 54.33	−11 46.2	40.799	41.637	0.8	23.3
4 11	14 53.67	−11 42.4	40.716	41.636	0.6	23.3
4 21	14 52.94	−11 38.5	40.660	41.636	0.3	23.2
5 1	14 52.17	−11 34.6	40.633	41.636	0.1	23.2
5 11	14 51.39	−11 30.8	40.636	41.636	0.2	23.2
5 21	14 50.62	−11 27.3	40.667	41.635	0.4	23.2
5 31	14 49.89	−11 24.2	40.726	41.635	0.6	23.3
6 10	14 49.24	−11 21.6	40.812	41.635	0.8	23.3

146716 2001 WA_{51} 5 5.7 9°.82 0°.5/ 6.1 17 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.37	−19 52.1	1.652	2.498	15.1	19.8
4 11	15 11.78	−19 31.8	1.577	2.498	11.4	19.6
4 21	15 4.77	−18 59.5	1.523	2.498	7.2	19.3
5 1	14 56.14	−18 17.1	1.494	2.498	2.5	19.0
5 11	14 47.00	−17 28.9	1.492	2.499	2.4	19.0
5 21	14 38.51	−16 40.5	1.516	2.499	7.1	19.3
5 31	14 31.69	−15 57.6	1.565	2.500	11.4	19.6
6 10	14 27.23	−15 25.2	1.635	2.501	15.1	19.8

89347 2001 VS_{66} 5 5.7 333°.31 0°.3/ 5.6 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 20.89	−13 59.1	1.503	2.356	15.9	18.4
4 11	15 15.53	−14 33.1	1.423	2.349	12.0	18.1
4 21	15 7.33	−15 4.5	1.365	2.342	7.5	17.9
5 1	14 57.05	−15 33.5	1.331	2.336	2.5	17.5
5 11	14 45.94	−16 1.1	1.323	2.330	2.8	17.5
5 21	14 35.38	−16 28.6	1.342	2.324	7.9	17.8
5 31	14 26.64	−16 58.4	1.385	2.319	12.6	18.1
6 10	14 20.62	−17 33.0	1.449	2.315	16.6	18.3

10065 1988 XK 5 5.7 66°.23 0°.7/ 6.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.41	−21 22.2	1.894	2.730	13.8	17.3
4 11	15 10.59	−20 48.1	1.833	2.748	10.4	17.1
4 21	15 3.78	−20 1.8	1.794	2.766	6.5	16.9
5 1	14 55.75	−19 6.1	1.781	2.784	2.4	16.6
5 11	14 47.49	−18 5.5	1.796	2.802	2.1	16.7
5 21	14 39.93	−17 5.5	1.838	2.821	6.1	17.0
5 31	14 33.88	−16 11.5	1.906	2.839	9.8	17.2
6 10	14 29.87	−15 27.6	1.997	2.857	13.0	17.4

259359 2003 GQ_{51} 5 5.8 22°.52 11°.8/29.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.18	+ 7 5.7	1.254	2.121	17.5	19.1
4 11	15 10.30	+ 8 29.0	1.216	2.130	14.6	19.0
4 21	15 3.84	+ 9 35.5	1.198	2.141	12.4	18.9
5 1	14 55.80	+10 15.3	1.201	2.153	11.8	18.9
5 11	14 47.47	+10 22.2	1.225	2.165	13.0	19.0
5 21	14 40.08	+ 9 54.9	1.270	2.179	15.4	19.2
5 31	14 34.63	+ 8 56.4	1.334	2.193	18.1	19.4
6 10	14 31.70	+ 7 32.5	1.415	2.209	20.6	19.6

403780 2011 QJ_{79} 5 5.8 204°.42 2°.0/ 6.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 22.15	−22 12.0	1.648	2.478	15.8	22.3
4 11	15 16.31	−22 17.7	1.564	2.474	12.2	22.1
4 21	15 7.71	−22 10.5	1.502	2.470	8.0	21.8
5 1	14 57.15	−21 50.3	1.465	2.466	3.6	21.5
5 11	14 45.87	−21 19.3	1.455	2.460	2.9	21.5
5 21	14 35.21	−20 42.1	1.471	2.454	7.3	21.7
5 31	14 26.38	−20 4.8	1.513	2.448	11.7	22.0
6 10	14 20.20	−19 33.5	1.577	2.441	15.6	22.2

214507 2006 AF_{19} 5 5.8 254°.49 2°.4/ 4.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.51	−12 7.0	1.954	2.805	12.9	20.6
4 11	15 10.80	−11 26.8	1.869	2.795	9.6	20.3
4 21	15 4.04	−10 41.2	1.808	2.785	6.0	20.1
5 1	14 55.90	− 9 53.9	1.773	2.775	2.7	19.8
5 11	14 47.27	− 9 9.7	1.766	2.765	3.9	19.9
5 21	14 39.09	− 8 33.0	1.786	2.754	7.6	20.1
5 31	14 32.24	− 8 7.9	1.831	2.744	11.3	20.3
6 10	14 27.36	− 7 56.6	1.898	2.733	14.6	20.5

391550 2007 TT_{48} 5 5.8 208°.77 0°.0/ 5.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.77	−18 56.7	2.290	3.123	11.8	21.8
4 11	15 9.97	−18 26.7	2.204	3.120	8.9	21.6
4 21	15 3.40	−17 47.6	2.143	3.116	5.5	21.4
5 1	14 55.66	−17 1.4	2.109	3.113	1.8	21.1
5 11	14 47.55	−16 11.8	2.103	3.109	2.0	21.1
5 21	14 39.89	−15 22.9	2.126	3.105	5.7	21.4
5 31	14 33.41	−14 38.9	2.175	3.101	9.1	21.6
6 10	14 28.67	−14 3.5	2.248	3.096	12.2	21.7

382912 2004 RR_{194} 5 5.8 247°.15 6°.3/ 9.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 22.52	−35 22.5	2.376	3.132	13.7	21.6
4 11	15 16.33	−36 4.2	2.266	3.113	11.6	21.5
4 21	15 7.67	−36 30.4	2.178	3.093	9.2	21.3
5 1	14 57.17	−36 37.5	2.115	3.072	7.1	21.1
5 11	14 45.80	−36 24.3	2.079	3.050	6.3	21.0
5 21	14 34.71	−35 52.3	2.071	3.028	7.5	21.0
5 31	14 25.01	−35 6.0	2.088	3.005	9.9	21.1
6 10	14 17.54	−34 12.3	2.130	2.981	12.6	21.3

270310 2001 WD_{78} 5 5.8 235°.61 0°.4/ 5.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.52	−17 41.2	1.861	2.704	13.7	21.1
4 11	15 11.68	−17 11.5	1.777	2.698	10.3	20.9
4 21	15 4.64	−16 31.9	1.716	2.692	6.4	20.6
5 1	14 56.11	−15 45.0	1.681	2.685	2.1	20.3
5 11	14 47.07	−14 54.9	1.673	2.679	2.5	20.3
5 21	14 38.56	−14 6.9	1.693	2.672	6.9	20.6
5 31	14 31.50	−13 26.0	1.738	2.665	10.9	20.8
6 10	14 26.57	−12 56.4	1.805	2.658	14.5	21.0

191800 2004 TW_{211} 5 5.8 243°.46 1°.2/ 6.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 18.21	−21 6.4	2.193	3.016	12.6	21.2
4 11	15 12.80	−21 3.5	2.094	3.002	9.7	20.9
4 21	15 5.31	−20 50.7	2.018	2.986	6.3	20.7
5 1	14 56.35	−20 28.7	1.969	2.970	2.6	20.4
5 11	14 46.79	−19 59.5	1.948	2.954	2.2	20.4
5 21	14 37.59	−19 26.5	1.956	2.937	5.9	20.6
5 31	14 29.65	−18 54.1	1.991	2.920	9.6	20.8
6 10	14 23.65	−18 26.6	2.049	2.902	13.0	20.9

28220 York 5 5.8 93°.03 0°.2/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 17.52	−19 4.2	1.676	2.520	14.9	19.3
4 11	15 12.52	−18 42.4	1.606	2.527	11.3	19.0
4 21	15 5.16	−18 9.6	1.559	2.535	7.0	18.8
5 1	14 56.27	−17 28.0	1.538	2.542	2.4	18.5
5 11	14 46.96	−16 42.1	1.543	2.549	2.4	18.5
5 21	14 38.35	−15 57.0	1.574	2.556	7.0	18.8
5 31	14 31.44	−15 18.3	1.631	2.563	11.2	19.1
6 10	14 26.86	−14 50.2	1.709	2.570	14.7	19.3

275578 1999 TL_{201} 5 5.8 253°.13 4°.1/ 2.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.50	− 8 30.5	2.126	2.977	11.9	21.0
4 11	15 9.90	− 7 12.3	2.036	2.961	9.0	20.8
4 21	15 3.44	− 5 49.3	1.971	2.944	6.0	20.6
5 1	14 55.71	− 4 27.0	1.934	2.927	4.1	20.4
5 11	14 47.52	− 3 11.7	1.925	2.910	5.4	20.5
5 21	14 39.72	− 2 8.9	1.943	2.892	8.6	20.6
5 31	14 33.10	− 1 22.8	1.987	2.873	11.8	20.8
6 10	14 28.25	− 0 55.4	2.052	2.855	14.8	21.0

321707 2010 GZ_{31} 5 5.8 331°.89 6°.7/ 1.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.47	− 6 9.5	1.181	2.063	17.3	20.4
4 11	15 11.02	− 4 55.1	1.115	2.054	13.3	20.2
4 21	15 4.62	− 3 38.6	1.070	2.047	9.2	19.9
5 1	14 56.17	− 2 29.0	1.047	2.040	6.7	19.8
5 11	14 47.03	− 1 36.2	1.047	2.033	8.5	19.8
5 21	14 38.64	− 1 7.0	1.069	2.027	12.7	20.0
5 31	14 32.28	− 1 5.1	1.111	2.022	17.1	20.3
6 10	14 28.75	− 1 29.7	1.170	2.018	21.0	20.5

264771 2002 GC_{10} 5 5.8 30°.62 6°.9/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 34.77	−22 58.6	1.216	2.044	20.4	18.5
4 11	15 26.72	−25 40.1	1.165	2.067	16.2	18.3
4 21	15 14.59	−28 12.0	1.135	2.091	11.6	18.1
5 1	14 59.49	−30 23.1	1.131	2.116	7.7	17.9
5 11	14 43.39	−32 5.2	1.153	2.143	7.3	18.0
5 21	14 28.43	−33 16.4	1.201	2.170	10.4	18.2
5 31	14 16.48	−34 2.1	1.273	2.199	14.2	18.5
6 10	14 8.55	−34 31.7	1.365	2.228	17.7	18.8

19421 Zachulett 5 5.8 290°.93 0°.2/ 5.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 17.06	−16 44.0	1.777	2.623	14.1	18.5
4 11	15 12.22	−16 37.9	1.694	2.616	10.7	18.3
4 21	15 5.06	−16 24.1	1.633	2.609	6.6	18.0
5 1	14 56.27	−16 4.3	1.598	2.603	2.2	17.7
5 11	14 46.91	−15 41.6	1.590	2.596	2.5	17.8
5 21	14 38.05	−15 19.9	1.609	2.590	7.0	18.0
5 31	14 30.70	−15 3.5	1.652	2.583	11.2	18.2
6 10	14 25.60	−14 55.7	1.718	2.577	14.8	18.5

213556 2002 LO_6 5 5.8 321°.08 6°.4/ 2.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.30	− 5 39.9	1.256	2.134	16.7	19.9
4 11	15 10.88	− 4 41.0	1.180	2.118	12.9	19.6
4 21	15 4.58	− 3 41.0	1.126	2.102	8.9	19.4
5 1	14 56.19	− 2 47.7	1.094	2.087	6.5	19.2
5 11	14 46.99	− 2 9.7	1.085	2.072	8.1	19.2
5 21	14 38.39	− 1 53.2	1.098	2.058	12.3	19.4
5 31	14 31.67	− 2 1.6	1.133	2.045	16.7	19.6
6 10	14 27.72	− 2 34.7	1.184	2.033	20.7	19.8

477632 2010 LT_{112} 5 5.8 340°.91 6°.4/11.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 13.75	−36 25.6	1.861	2.644	16.1	19.7
4 11	15 9.98	−36 22.2	1.772	2.636	13.5	19.5
4 21	15 3.76	−35 55.1	1.702	2.629	10.5	19.3
5 1	14 55.85	−35 2.4	1.655	2.622	7.8	19.1
5 11	14 47.41	−33 45.9	1.633	2.616	6.4	19.0
5 21	14 39.59	−32 11.0	1.637	2.610	7.7	19.1
5 31	14 33.47	−30 26.1	1.666	2.605	10.5	19.3
6 10	14 29.75	−28 41.0	1.718	2.601	13.6	19.4

18916 2000 OG_{44} 5 5.8 201°.44 1°.4/ 8.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 10.34	−26 17.4	5.277	6.061	6.3	22.5
4 11	15 5.83	−26 8.8	5.174	6.055	4.9	22.4
4 21	15 0.51	−25 54.1	5.098	6.048	3.4	22.3
5 1	14 54.69	−25 33.7	5.050	6.041	1.9	22.2
5 11	14 48.70	−25 8.6	5.033	6.033	1.5	22.1
5 21	14 42.89	−24 40.2	5.047	6.024	2.7	22.2
5 31	14 37.59	−24 10.2	5.091	6.016	4.3	22.3
6 10	14 33.06	−23 40.4	5.162	6.006	5.8	22.4

36664 2000 QN_{211} 5 5.8 161°.47 2°.3/ 3.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.57	−11 52.3	2.084	2.930	12.4	19.7
4 11	15 11.34	−11 10.9	2.011	2.935	9.2	19.5
4 21	15 4.25	−10 25.0	1.962	2.939	5.7	19.3
5 1	14 55.95	− 9 38.3	1.940	2.942	2.6	19.1
5 11	14 47.33	− 8 55.3	1.947	2.945	3.7	19.1
5 21	14 39.23	− 8 19.9	1.981	2.948	7.1	19.4
5 31	14 32.45	− 7 55.5	2.041	2.950	10.5	19.6
6 10	14 27.53	− 7 44.1	2.124	2.952	13.5	19.8

233319 2006 BY_{168} 5 5.8 218°.93 3°.8/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.27	− 8 12.5	1.967	2.821	12.7	20.8
4 11	15 10.51	− 7 22.6	1.892	2.818	9.5	20.6
4 21	15 3.81	− 6 30.5	1.841	2.815	6.2	20.4
5 1	14 55.82	− 5 41.0	1.816	2.812	3.9	20.2
5 11	14 47.45	− 4 59.1	1.819	2.809	5.1	20.3
5 21	14 39.58	− 4 29.0	1.848	2.806	8.3	20.4
5 31	14 33.04	− 4 13.6	1.903	2.802	11.6	20.6
6 10	14 28.40	− 4 13.9	1.978	2.798	14.6	20.8

140844 2001 UE_{206} 5 5.8 181°.85 2°.6/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.89	− 8 25.9	2.746	3.586	9.9	20.7
4 11	15 9.70	− 7 56.5	2.668	3.587	7.4	20.5
4 21	15 3.09	− 7 26.2	2.614	3.587	4.7	20.4
5 1	14 55.56	− 6 57.6	2.590	3.587	2.7	20.2
5 11	14 47.76	− 6 33.7	2.594	3.586	3.6	20.3
5 21	14 40.33	− 6 17.0	2.627	3.585	6.1	20.4
5 31	14 33.86	− 6 9.3	2.688	3.583	8.8	20.6
6 10	14 28.81	− 6 11.8	2.772	3.581	11.2	20.8

306842 2001 SB_{49} 5 5.8 219°.34 0°.3/ 5.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 18.34	−16 54.6	2.204	3.037	12.3	22.3
4 11	15 12.77	−16 35.5	2.112	3.027	9.2	22.0
4 21	15 5.22	−16 8.8	2.043	3.017	5.7	21.8
5 1	14 56.31	−15 36.4	2.002	3.007	1.8	21.5
5 11	14 46.91	−15 1.4	1.990	2.996	2.3	21.5
5 21	14 37.91	−14 27.5	2.007	2.984	6.2	21.8
5 31	14 30.16	−13 58.6	2.050	2.971	9.8	22.0
6 10	14 24.30	−13 38.1	2.116	2.958	13.0	22.1

192112 2006 CX_{56} 5 5.8 107°.51 5°.3/ 9.5 17 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 20.59	−31 42.9	2.009	2.797	14.9	20.5
4 11	15 14.77	−32 13.0	1.935	2.808	12.1	20.3
4 21	15 6.56	−32 26.4	1.883	2.819	9.1	20.1
5 1	14 56.76	−32 20.9	1.855	2.830	6.3	20.0
5 11	14 46.47	−31 57.1	1.854	2.841	5.4	19.9
5 21	14 36.85	−31 18.7	1.880	2.851	7.0	20.1
5 31	14 28.90	−30 31.3	1.931	2.861	9.9	20.3
6 10	14 23.29	−29 41.8	2.006	2.871	12.7	20.5

482514 2012 TH_{154} 5 5.8 284°.97 3°.1/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.22	− 2 45.9	4.312	5.154	6.5	21.4
4 11	15 2.90	− 1 52.1	4.232	5.147	5.0	21.3
4 21	14 58.77	− 0 59.4	4.179	5.139	3.7	21.2
5 1	14 54.14	− 0 10.1	4.155	5.132	3.1	21.2
5 11	14 49.36	+ 0 33.2	4.161	5.125	3.7	21.2
5 21	14 44.77	+ 1 8.7	4.195	5.118	5.1	21.3
5 31	14 40.70	+ 1 34.9	4.255	5.111	6.7	21.4
6 10	14 37.42	+ 1 51.4	4.339	5.104	8.1	21.5

74119 1998 QH_{52} 5 5.8 70°.05 5°.3/ 9.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 19.70	−30 0.1	1.585	2.398	17.1	17.7
4 11	15 14.63	−30 23.6	1.513	2.404	13.8	17.5
4 21	15 6.72	−30 27.7	1.460	2.410	10.1	17.3
5 1	14 56.86	−30 10.4	1.431	2.416	6.6	17.1
5 11	14 46.39	−29 33.0	1.427	2.421	5.4	17.0
5 21	14 36.70	−28 40.5	1.448	2.427	7.8	17.2
5 31	14 29.01	−27 40.6	1.494	2.433	11.5	17.4
6 10	14 24.10	−26 41.7	1.561	2.439	15.0	17.6

258876 2002 QG_{12} 5 5.8 225°.40 0°.4/ 5.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 18.32	−17 45.8	2.008	2.843	13.2	22.0
4 11	15 12.95	−17 14.3	1.916	2.833	9.9	21.7
4 21	15 5.42	−16 33.0	1.847	2.822	6.2	21.5
5 1	14 56.41	−15 44.2	1.805	2.810	2.0	21.2
5 11	14 46.86	−14 51.8	1.792	2.797	2.4	21.2
5 21	14 37.76	−14 0.9	1.807	2.784	6.7	21.4
5 31	14 30.03	−13 16.5	1.847	2.770	10.6	21.6
6 10	14 24.36	−12 42.8	1.911	2.756	14.1	21.8

297649 2001 TQ_{203} 5 5.8 149°.09 2°.1/ 4.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 21.89	−12 29.5	1.850	2.691	13.9	21.7
4 11	15 15.47	−11 58.7	1.782	2.703	10.3	21.5
4 21	15 6.86	−11 23.0	1.738	2.714	6.4	21.3
5 1	14 56.84	−10 45.9	1.721	2.723	2.6	21.0
5 11	14 46.48	−10 11.6	1.732	2.732	3.6	21.1
5 21	14 36.82	− 9 44.2	1.771	2.741	7.6	21.4
5 31	14 28.77	− 9 27.3	1.836	2.748	11.3	21.6
6 10	14 22.94	− 9 22.9	1.923	2.754	14.5	21.8

423653 2005 YF_{60} 5 5.8 126°.94 4°.4/ 8.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 18.25	−29 41.6	1.906	2.710	15.0	21.1
4 11	15 13.11	−29 51.0	1.827	2.713	12.0	20.9
4 21	15 5.59	−29 43.3	1.768	2.717	8.7	20.7
5 1	14 56.47	−29 17.4	1.735	2.720	5.6	20.5
5 11	14 46.85	−28 35.1	1.727	2.723	4.5	20.5
5 21	14 37.86	−27 40.9	1.747	2.726	6.8	20.6
5 31	14 30.51	−26 41.1	1.792	2.729	10.1	20.8
6 10	14 25.48	−25 42.8	1.861	2.732	13.3	21.0

322374 2011 LG_{22} 5 5.8 236°.94 1°.1/ 4.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.20	−15 19.7	2.158	3.001	12.1	21.4
4 11	15 10.42	−14 44.9	2.071	2.993	9.1	21.2
4 21	15 3.77	−14 3.0	2.008	2.984	5.6	20.9
5 1	14 55.86	−13 16.6	1.972	2.976	1.9	20.7
5 11	14 47.51	−12 29.9	1.964	2.967	2.7	20.7
5 21	14 39.60	−11 47.1	1.984	2.958	6.5	20.9
5 31	14 32.90	−11 12.2	2.030	2.949	10.0	21.1
6 10	14 28.02	−10 48.4	2.099	2.939	13.2	21.3

24773 1993 FQ_{35} 5 5.8 193°.79 0°.2/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 19.72	−18 29.5	2.067	2.897	13.1	19.6
4 11	15 13.89	−18 17.3	1.982	2.895	9.9	19.3
4 21	15 5.95	−17 56.4	1.920	2.893	6.2	19.1
5 1	14 56.58	−17 28.1	1.885	2.889	2.1	18.8
5 11	14 46.73	−16 55.6	1.879	2.885	2.1	18.8
5 21	14 37.37	−16 22.5	1.902	2.881	6.3	19.1
5 31	14 29.41	−15 53.1	1.950	2.876	10.0	19.3
6 10	14 23.50	−15 31.4	2.022	2.870	13.3	19.5

387057 2012 TH_{32} 5 5.8 172°.13 0°.5/ 6.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.83	−19 39.7	2.221	3.052	12.2	21.7
4 11	15 10.83	−19 23.9	2.140	3.054	9.3	21.5
4 21	15 3.98	−18 59.1	2.083	3.055	5.8	21.3
5 1	14 55.92	−18 26.8	2.052	3.056	2.1	21.0
5 11	14 47.48	−17 50.0	2.050	3.056	1.9	21.0
5 21	14 39.51	−17 12.4	2.076	3.057	5.7	21.3
5 31	14 32.80	−16 38.1	2.128	3.057	9.1	21.5
6 10	14 27.91	−16 10.8	2.204	3.057	12.2	21.7

119885 2002 CZ_{244} 5 5.8 68°.92 0°.4/ 5.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 12.98	−18 14.1	2.251	3.090	11.8	19.4
4 11	15 8.57	−17 29.9	2.180	3.099	8.8	19.2
4 21	15 2.51	−16 36.9	2.133	3.108	5.4	19.0
5 1	14 55.41	−15 38.0	2.113	3.118	1.7	18.8
5 11	14 48.06	−14 37.7	2.122	3.127	2.1	18.9
5 21	14 41.23	−13 40.4	2.159	3.137	5.7	19.1
5 31	14 35.60	−12 50.4	2.222	3.146	9.1	19.3
6 10	14 31.64	−12 10.9	2.309	3.156	11.9	19.5

175695 1995 TU_{7} 5 5.8 203°.32 0°.2/ 5.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 18.85	−19 14.8	1.968	2.801	13.5	21.2
4 11	15 13.35	−18 51.5	1.882	2.797	10.2	21.0
4 21	15 5.66	−18 17.8	1.819	2.792	6.4	20.7
5 1	14 56.50	−17 35.5	1.783	2.787	2.2	20.4
5 11	14 46.83	−16 48.2	1.775	2.781	2.2	20.4
5 21	14 37.69	−16 0.6	1.795	2.775	6.5	20.7
5 31	14 29.99	−15 17.9	1.841	2.768	10.4	20.9
6 10	14 24.41	−14 44.5	1.910	2.760	13.9	21.1

438034 2004 GH_{79} 5 5.8 11°.77 2°.8/ 3.9 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 11.87	−12 5.6	1.587	2.454	14.4	20.5
4 11	15 8.34	−11 19.9	1.523	2.458	10.7	20.2
4 21	15 2.63	−10 28.7	1.482	2.462	6.6	20.0
5 1	14 55.49	− 9 36.9	1.465	2.468	3.1	19.8
5 11	14 47.98	− 8 50.4	1.475	2.474	4.4	19.9
5 21	14 41.11	− 8 14.3	1.509	2.481	8.3	20.1
5 31	14 35.79	− 7 52.6	1.567	2.489	12.2	20.4
6 10	14 32.63	− 7 47.1	1.645	2.498	15.6	20.6

230974 2005 AZ_{14} 5 5.8 108°.60 1°.3/ 6.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 16.67	−21 37.4	1.986	2.816	13.5	20.7
4 11	15 11.67	−21 28.9	1.910	2.821	10.3	20.5
4 21	15 4.59	−21 9.4	1.856	2.826	6.6	20.3
5 1	14 56.14	−20 39.9	1.828	2.830	2.8	20.1
5 11	14 47.29	−20 3.4	1.828	2.834	2.2	20.0
5 21	14 39.00	−19 24.1	1.856	2.839	6.0	20.3
5 31	14 32.15	−18 46.6	1.909	2.843	9.7	20.5
6 10	14 27.35	−18 15.5	1.986	2.847	13.0	20.7

38367 1999 RZ_{162} 5 5.8 289°.22 1°.2/ 4.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 12.70	−15 29.0	2.240	3.084	11.7	18.9
4 11	15 8.53	−14 47.7	2.149	3.072	8.7	18.7
4 21	15 2.60	−13 58.8	2.083	3.060	5.3	18.5
5 1	14 55.49	−13 5.5	2.044	3.048	1.9	18.2
5 11	14 47.98	−12 11.8	2.033	3.037	2.7	18.2
5 21	14 40.84	−11 22.2	2.050	3.025	6.3	18.4
5 31	14 34.83	−10 40.8	2.094	3.013	9.8	18.6
6 10	14 30.51	−10 10.8	2.160	3.001	12.8	18.8

82449 2001 ON_{9} 5 5.8 322°.95 3°.1/ 7.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.33	−23 9.1	1.241	2.100	18.2	18.8
4 11	15 10.76	−23 25.3	1.145	2.071	14.3	18.5
4 21	15 4.93	−23 25.7	1.068	2.042	9.7	18.1
5 1	14 56.49	−23 8.8	1.013	2.013	4.9	17.8
5 11	14 46.75	−22 36.0	0.980	1.986	3.9	17.6
5 21	14 37.33	−21 52.4	0.970	1.960	8.9	17.8
5 31	14 29.89	−21 6.1	0.982	1.935	14.5	18.0
6 10	14 25.64	−20 26.2	1.011	1.911	19.5	18.2

183584 2003 SF_{182} 5 5.8 137°.15 4°.3/ 2.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 18.10	− 8 3.3	1.787	2.640	13.8	20.6
4 11	15 12.67	− 6 58.6	1.725	2.650	10.3	20.4
4 21	15 5.15	− 5 51.7	1.687	2.660	6.8	20.2
5 1	14 56.31	− 4 48.6	1.675	2.669	4.4	20.0
5 11	14 47.17	− 3 55.2	1.690	2.678	5.7	20.1
5 21	14 38.72	− 3 16.2	1.732	2.686	9.0	20.3
5 31	14 31.81	− 2 54.8	1.799	2.694	12.4	20.6
6 10	14 27.01	− 2 51.4	1.886	2.701	15.4	20.8

142616 2002 TX_{143} 5 5.8 226°.11 3°.3/ 3.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 18.77	− 8 41.8	2.061	2.906	12.5	20.8
4 11	15 13.17	− 8 5.0	1.973	2.895	9.5	20.6
4 21	15 5.53	− 7 25.9	1.909	2.883	6.1	20.4
5 1	14 56.49	− 6 48.3	1.873	2.870	3.5	20.2
5 11	14 46.92	− 6 16.6	1.864	2.857	4.6	20.2
5 21	14 37.77	− 5 54.6	1.883	2.843	8.0	20.4
5 31	14 29.92	− 5 45.2	1.928	2.828	11.5	20.6
6 10	14 24.00	− 5 49.8	1.995	2.813	14.6	20.8

55884 1997 WG_{9} 5 5.8 100°.63 0°.0/ 5.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 22.24	−15 23.2	1.733	2.574	14.7	19.6
4 11	15 16.11	−15 48.0	1.660	2.579	11.1	19.3
4 21	15 7.47	−16 8.0	1.609	2.583	6.9	19.1
5 1	14 57.14	−16 23.7	1.584	2.588	2.3	18.8
5 11	14 46.24	−16 36.3	1.587	2.593	2.5	18.8
5 21	14 35.96	−16 48.0	1.617	2.597	7.0	19.1
5 31	14 27.38	−17 1.7	1.673	2.602	11.2	19.4
6 10	14 21.22	−17 19.9	1.751	2.606	14.7	19.6

350194 2011 WX_{117} 5 5.8 330°.51 3°.0/ 3.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 17.37	− 7 8.8	2.212	3.057	11.8	20.0
4 11	15 11.94	− 7 7.9	2.133	3.054	8.9	19.8
4 21	15 4.67	− 7 8.2	2.078	3.051	5.7	19.6
5 1	14 56.19	− 7 12.2	2.051	3.049	3.2	19.4
5 11	14 47.29	− 7 22.0	2.052	3.046	4.0	19.4
5 21	14 38.83	− 7 39.5	2.080	3.044	7.0	19.6
5 31	14 31.57	− 8 5.7	2.136	3.042	10.2	19.8
6 10	14 26.09	− 8 41.1	2.214	3.040	13.0	20.0

311852 2006 VU_{151} 5 5.8 228°.30 3°.4/ 8.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.11	−29 51.4	2.453	3.246	12.4	21.0
4 11	15 10.31	−29 39.5	2.360	3.241	9.9	20.9
4 21	15 3.69	−29 12.5	2.289	3.236	7.1	20.7
5 1	14 55.86	−28 30.6	2.245	3.231	4.4	20.5
5 11	14 47.65	−27 35.8	2.229	3.226	3.5	20.4
5 21	14 39.88	−26 32.0	2.241	3.220	5.5	20.5
5 31	14 33.33	−25 24.4	2.280	3.214	8.4	20.7
6 10	14 28.57	−24 18.8	2.344	3.209	11.1	20.9

370086 2001 SS_{220} 5 5.8 224°.97 1°.1/ 4.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 17.87	−15 5.1	2.162	2.999	12.3	22.4
4 11	15 12.47	−14 35.8	2.070	2.989	9.2	22.2
4 21	15 5.09	−13 59.6	2.002	2.977	5.7	21.9
5 1	14 56.35	−13 19.0	1.961	2.965	2.0	21.7
5 11	14 47.11	−12 37.7	1.949	2.953	2.7	21.7
5 21	14 38.27	−11 59.8	1.965	2.939	6.6	21.9
5 31	14 30.69	−11 29.3	2.008	2.925	10.2	22.1
6 10	14 24.99	−11 9.4	2.074	2.911	13.4	22.3

270494 2002 ET_{132} 5 5.8 357.°11 5.°4/ 2.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 12.01	− 7 41.3	1.441	2.316	15.2	20.1
4 11	15 8.68	− 6 23.9	1.376	2.313	11.5	19.8
4 21	15 2.96	− 5 3.3	1.334	2.311	7.7	19.6
5 1	14 55.66	− 3 47.3	1.315	2.309	5.4	19.5
5 11	14 47.90	− 2 44.0	1.322	2.309	7.0	19.5
5 21	14 40.81	− 1 59.7	1.352	2.309	10.7	19.7
5 31	14 35.37	− 1 38.3	1.404	2.310	14.6	20.0
6 10	14 32.25	− 1 40.1	1.475	2.312	17.9	20.2

377672 2005 UM_{353} 5 5.8 237.°99 2.°8/ 7.5 17

4 1	15 20.02	−24 21.2	2.005	2.821	13.9	21.6
4 11	15 14.44	−24 37.2	1.910	2.810	10.9	21.3
4 21	15 6.50	−24 41.3	1.838	2.799	7.4	21.1
5 1	14 56.87	−24 32.8	1.792	2.788	3.9	20.9
5 11	14 46.54	−24 12.9	1.773	2.776	3.2	20.8
5 21	14 36.63	−23 44.5	1.782	2.763	6.4	21.0
5 31	14 28.16	−23 12.6	1.817	2.751	10.2	21.1
6 10	14 21.93	−22 42.5	1.876	2.737	13.6	21.3

153028 2000 OW_7 5 5.8 209.°50 5.°8/11.3 18

4 1	15 17.90	−37 45.6	2.709	3.452	12.5	20.4
4 11	15 12.44	−38 2.6	2.613	3.448	10.6	20.2
4 21	15 5.04	−38 3.1	2.538	3.443	8.5	20.1
5 1	14 56.33	−37 45.1	2.488	3.437	6.6	20.0
5 11	14 47.16	−37 8.9	2.465	3.431	5.8	19.9
5 21	14 38.42	−36 17.0	2.469	3.425	6.6	19.9
5 31	14 30.95	−35 14.2	2.501	3.419	8.4	20.0
6 10	14 25.35	−34 6.3	2.557	3.412	10.6	20.2

522907 2016 PK_{107} 5 5.8 158.°50 3.°0/ 8.1 17

4 1	15 17.27	−26 30.1	2.470	3.272	12.0	21.9
4 11	15 11.87	−26 45.3	2.386	3.275	9.5	21.7
4 21	15 4.65	−26 49.3	2.325	3.278	6.6	21.5
5 1	14 56.19	−26 41.6	2.290	3.281	3.9	21.3
5 11	14 47.33	−26 23.3	2.284	3.283	3.1	21.3
5 21	14 38.89	−25 57.1	2.306	3.285	5.4	21.4
5 31	14 31.67	−25 26.8	2.356	3.287	8.3	21.6
6 10	14 26.22	−24 56.8	2.430	3.289	11.0	21.8

395662 2011 WE_{80} 5 5.8 261.°19 1.°3/ 4.7 16

4 1	15 14.30	−13 22.5	2.392	3.234	11.1	21.6
4 11	15 9.59	−13 3.8	2.307	3.228	8.3	21.4
4 21	15 3.21	−12 41.0	2.246	3.222	5.1	21.2
5 1	14 55.72	−12 16.3	2.213	3.216	1.9	21.0
5 11	14 47.86	−11 52.6	2.208	3.211	2.6	21.0
5 21	14 40.37	−11 32.8	2.231	3.205	6.0	21.2
5 31	14 33.96	−11 19.7	2.281	3.199	9.2	21.4
6 10	14 29.16	−11 15.4	2.355	3.193	12.0	21.6

197010 2003 UB_{101} 5 5.8 201.°11 0.°8/ 5.2 17

4 1	15 16.72	−15 16.0	2.229	3.066	12.0	20.9
4 11	15 11.50	−14 59.0	2.145	3.064	8.9	20.7
4 21	15 4.43	−14 36.2	2.086	3.061	5.5	20.5
5 1	14 56.13	−14 9.5	2.054	3.058	1.8	20.2
5 11	14 47.43	−13 42.2	2.050	3.055	2.4	20.3
5 21	14 39.16	−13 17.4	2.075	3.051	6.1	20.5
5 31	14 32.11	−12 58.5	2.126	3.047	9.6	20.7
6 10	14 26.86	−12 48.2	2.201	3.043	12.6	20.9

516152 2015 XE_{386} 5 5.8 31.°93 1.°0/ 7.3 18

4 1	15 7.79	−23 37.4	4.018	4.826	7.6	20.4
4 11	15 4.18	−23 13.5	3.932	4.830	5.8	20.3
4 21	14 59.63	−22 42.6	3.871	4.834	3.8	20.1
5 1	14 54.50	−22 5.9	3.840	4.838	1.8	20.0
5 11	14 49.22	−21 25.2	3.837	4.842	1.3	19.9
5 21	14 44.19	−20 42.6	3.865	4.846	3.3	20.1
5 31	14 39.80	−20 0.5	3.921	4.851	5.3	20.2
6 10	14 36.36	−19 21.3	4.003	4.855	7.2	20.4

199930 2007 GA_{39} 5 5.8 338.°63 2.°0/ 4.6 17

4 1	15 13.49	−13 58.9	1.439	2.307	15.6	19.9
4 11	15 9.99	−13 26.7	1.362	2.297	11.7	19.6
4 21	15 3.92	−12 46.4	1.307	2.288	7.2	19.3
5 1	14 56.04	−12 2.0	1.275	2.280	2.8	19.0
5 11	14 47.53	−11 19.4	1.269	2.272	3.9	19.1
5 21	14 39.61	−10 44.4	1.287	2.265	8.7	19.3
5 31	14 33.40	−10 22.0	1.328	2.259	13.3	19.6
6 10	14 29.68	−10 15.4	1.388	2.254	17.2	19.8

62490 2000 SL_{224} 5 5.8 277.°60 1.°0/ 4.9 17

4 1	15 14.25	−14 58.8	2.283	3.125	11.6	19.9
4 11	15 9.72	−14 33.8	2.188	3.109	8.7	19.7
4 21	15 3.39	−14 2.6	2.116	3.093	5.3	19.4
5 1	14 55.82	−13 27.5	2.072	3.076	1.8	19.1
5 11	14 47.77	−12 51.9	2.056	3.060	2.5	19.2
5 21	14 40.06	−12 19.4	2.068	3.043	6.2	19.4
5 31	14 33.45	−11 53.6	2.106	3.026	9.7	19.6
6 10	14 28.53	−11 37.4	2.167	3.009	12.7	19.7

404174 2013 CA_{86} 5 5.8 43.°68 2.°0/ 6.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 20.80	−20 28.7	1.256	2.110	18.4	20.8
4 11	15 15.85	−20 49.2	1.192	2.115	14.1	20.5
4 21	15 7.69	−20 57.2	1.147	2.121	9.1	20.2
5 1	14 57.30	−20 52.4	1.125	2.127	3.8	20.0
5 11	14 46.22	−20 37.2	1.128	2.134	3.2	19.9
5 21	14 36.03	−20 16.3	1.154	2.141	8.3	20.2
5 31	14 28.12	−19 56.3	1.204	2.148	13.2	20.5
6 10	14 23.35	−19 42.8	1.273	2.155	17.5	20.8

176424 2001 VR_{37} 5 5.8 181.°98 1.°2/ 4.6 18

4 1	15 14.39	−13 12.9	3.206	4.035	8.9	21.4
4 11	15 9.21	−12 47.8	3.121	4.036	6.6	21.2
4 21	15 2.79	−12 19.3	3.062	4.037	4.0	21.0
5 1	14 55.57	−11 49.3	3.033	4.036	1.6	20.8
5 11	14 48.11	−11 20.3	3.034	4.035	2.2	20.9
5 21	14 40.97	−10 54.5	3.065	4.034	4.8	21.1
5 31	14 34.66	−10 34.2	3.124	4.032	7.3	21.2
6 10	14 29.57	−10 21.1	3.208	4.029	9.5	21.4

49061 1998 RF_{47} 5 5.8 313.°10 4.°3/ 8.3 18

4 1	15 16.91	−27 12.7	1.472	2.304	17.3	19.0
4 11	15 12.87	−27 25.1	1.387	2.293	13.8	18.7
4 21	15 5.89	−27 18.9	1.322	2.283	9.7	18.4
5 1	14 56.75	−26 52.6	1.279	2.272	5.7	18.2
5 11	14 46.77	−26 8.1	1.262	2.263	4.5	18.1
5 21	14 37.40	−25 10.6	1.268	2.253	7.9	18.2
5 31	14 29.95	−24 8.3	1.299	2.244	12.3	18.5
6 10	14 25.36	−23 10.0	1.350	2.236	16.4	18.7

419744 2010 VP_{77} 5 5.8 167.°86 3.°1/ 3.6 15

4 1	15 19.29	− 9 14.8	2.099	2.941	12.4	22.7
4 11	15 13.38	− 8 37.3	2.026	2.946	9.3	22.5
4 21	15 5.56	− 7 57.6	1.977	2.951	5.9	22.3
5 1	14 56.51	− 7 19.5	1.956	2.955	3.3	22.1
5 11	14 47.11	− 6 47.1	1.964	2.958	4.3	22.2
5 21	14 38.26	− 6 23.9	2.000	2.960	7.5	22.4
5 31	14 30.76	− 6 12.6	2.061	2.962	10.8	22.6
6 10	14 25.16	− 6 14.4	2.145	2.962	13.7	22.8

186577 2003 AE_{52} 5 5.8 139.°69 2.°7/ 3.9 17

4 1	15 19.02	−10 15.4	1.983	2.828	12.9	20.8
4 11	15 13.25	− 9 45.3	1.915	2.838	9.6	20.6
4 21	15 5.50	− 9 12.8	1.872	2.847	6.0	20.4
5 1	14 56.49	− 8 41.1	1.856	2.856	3.0	20.2
5 11	14 47.16	− 8 14.3	1.867	2.865	4.0	20.3
5 21	14 38.44	− 7 55.9	1.907	2.872	7.4	20.5
5 31	14 31.14	− 7 48.3	1.972	2.880	10.9	20.8
6 10	14 25.84	− 7 53.0	2.060	2.887	13.9	21.0

467872 2011 BN_{120} 5 5.8 62.°43 13.°0/24.6 17

4 1	15 15.69	+15 54.7	1.748	2.570	15.4	20.7
4 11	15 10.99	+17 43.2	1.708	2.573	13.9	20.6
4 21	15 4.18	+19 12.3	1.689	2.576	13.0	20.6
5 1	14 56.06	+20 13.0	1.693	2.579	13.2	20.6
5 11	14 47.64	+20 39.6	1.717	2.582	14.3	20.6
5 21	14 39.91	+20 31.0	1.762	2.585	15.9	20.8
5 31	14 33.72	+19 49.3	1.825	2.588	17.7	20.9
6 10	14 29.64	+18 39.8	1.903	2.591	19.4	21.0

21877 1999 UL_{12} 5 5.8 339.°62 2.°5/ 4.5 17

4 1	15 12.61	−13 42.4	1.143	2.025	17.8	18.8
4 11	15 9.92	−13 7.6	1.070	2.012	13.4	18.5
4 21	15 4.17	−12 23.2	1.018	2.001	8.3	18.2
5 1	14 56.20	−11 34.2	0.986	1.991	3.3	17.9
5 11	14 47.41	−10 47.9	0.978	1.982	4.7	17.9
5 21	14 39.30	−10 11.8	0.993	1.974	10.2	18.2
5 31	14 33.25	− 9 51.9	1.027	1.967	15.4	18.5
6 10	14 30.17	− 9 51.7	1.080	1.962	19.9	18.7

7798 1996 CL 5 5.8 140.°27 2.°6/ 4.1 18

4 1	15 19.06	−10 57.7	1.869	2.716	13.5	17.9
4 11	15 13.41	−10 26.2	1.801	2.725	10.1	17.7
4 21	15 5.66	− 9 51.3	1.757	2.733	6.3	17.5
5 1	14 56.56	− 9 16.7	1.739	2.741	3.0	17.3
5 11	14 47.11	− 8 46.6	1.749	2.748	4.0	17.4
5 21	14 38.29	− 8 24.9	1.787	2.755	7.7	17.6
5 31	14 30.98	− 8 14.5	1.850	2.761	11.3	17.8
6 10	14 25.76	− 8 16.9	1.934	2.767	14.4	18.1

339474 2005 EB_{283} 5 5.8 132.°29 1.°5/ 4.7 18

4 1	15 15.67	−13 44.7	2.061	2.907	12.5	20.6
4 11	15 10.81	−13 19.4	1.985	2.909	9.3	20.4
4 21	15 4.04	−12 48.9	1.934	2.911	5.7	20.2
5 1	14 56.04	−12 15.9	1.909	2.913	2.1	20.0
5 11	14 47.67	−11 44.2	1.912	2.914	2.9	20.0
5 21	14 39.80	−11 17.5	1.942	2.916	6.6	20.3
5 31	14 33.23	−10 59.0	1.999	2.918	10.2	20.5
6 10	14 28.52	−10 51.1	2.077	2.920	13.2	20.7

473062 2015 HR_{91} 5 5.8 248°.24 1°.3/ 4.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 14.86	−14 18.7	2.246	3.089	11.7	21.3
4 11	15 10.15	−13 49.4	2.158	3.080	8.8	21.1
4 21	15 3.64	−13 14.1	2.095	3.071	5.4	20.9
5 1	14 55.93	−12 35.7	2.058	3.062	2.0	20.6
5 11	14 47.80	−11 57.7	2.050	3.053	2.8	20.7
5 21	14 40.05	−11 23.8	2.070	3.043	6.3	20.9
5 31	14 33.47	−10 57.6	2.116	3.034	9.8	21.1
6 10	14 28.60	−10 41.8	2.185	3.024	12.8	21.3

55894 1997 YS_{3} 5 5.8 192°.30 1°.8/ 7.3 18

4 1	15 18.41	−24 2.6	2.266	3.079	12.6	19.7
4 11	15 12.84	−23 44.8	2.177	3.077	9.8	19.5
4 21	15 5.31	−23 14.5	2.111	3.075	6.4	19.3
5 1	14 56.47	−22 32.6	2.073	3.072	3.0	19.0
5 11	14 47.22	−21 41.9	2.063	3.068	2.3	19.0
5 21	14 38.45	−20 46.5	2.082	3.064	5.6	19.2
5 31	14 31.00	−19 51.8	2.129	3.059	9.1	19.4
6 10	14 25.45	−19 2.5	2.199	3.054	12.2	19.6

16914 1998 ER_{13} 5 5.8 226°.04 4°.2/ 1.9 18

4 1	15 13.23	− 5 16.2	2.426	3.275	10.7	18.7
4 11	15 8.72	− 4 19.0	2.348	3.269	8.2	18.5
4 21	15 2.66	− 3 21.7	2.296	3.264	5.6	18.3
5 1	14 55.58	− 2 28.7	2.271	3.258	4.2	18.2
5 11	14 48.20	− 1 44.3	2.274	3.252	5.3	18.3
5 21	14 41.20	− 1 12.1	2.304	3.246	7.8	18.4
5 31	14 35.22	− 0 54.3	2.360	3.240	10.4	18.6
6 10	14 30.77	− 0 51.7	2.437	3.233	12.9	18.7

509014 2005 MO_{22} 5 5.8 220°.98 3°.5/ 8.8 18

4 1	15 16.04	−29 8.1	2.490	3.284	12.2	21.5
4 11	15 11.04	−29 11.7	2.398	3.279	9.7	21.3
4 21	15 4.20	−29 1.9	2.328	3.274	7.0	21.1
5 1	14 56.12	−28 38.3	2.284	3.270	4.4	21.0
5 11	14 47.61	−28 2.2	2.269	3.264	3.6	20.9
5 21	14 39.51	−27 16.8	2.281	3.259	5.5	21.0
5 31	14 32.60	−26 26.7	2.321	3.254	8.3	21.2
6 10	14 27.47	−25 37.0	2.385	3.248	11.0	21.3

504047 2005 WN_{8} 5 5.8 224°.63 1°.6/ 7.2 17

4 1	15 17.91	−24 22.2	2.310	3.121	12.5	23.3
4 11	15 12.50	−23 50.6	2.210	3.110	9.6	23.1
4 21	15 5.13	−23 5.2	2.134	3.097	6.4	22.9
5 1	14 56.43	−22 7.2	2.085	3.084	2.9	22.6
5 11	14 47.27	−20 59.9	2.065	3.070	2.2	22.6
5 21	14 38.53	−19 47.9	2.074	3.055	5.6	22.8
5 31	14 31.04	−18 37.2	2.111	3.040	9.2	23.0
6 10	14 25.43	−17 33.2	2.172	3.024	12.4	23.1

35422 1998 AF_{7} 5 5.8 328°.62 6°.0/ 2.9 17

4 1	15 17.07	− 5 24.0	1.267	2.141	16.9	18.0
4 11	15 12.93	− 4 44.8	1.197	2.132	13.0	17.7
4 21	15 5.88	− 4 7.0	1.148	2.124	8.9	17.4
5 1	14 56.76	− 3 37.4	1.121	2.116	6.1	17.2
5 11	14 46.91	− 3 22.5	1.119	2.108	7.5	17.3
5 21	14 37.75	− 3 26.8	1.139	2.102	11.6	17.5
5 31	14 30.54	− 3 52.4	1.180	2.096	15.9	17.7
6 10	14 26.15	− 4 38.3	1.240	2.090	19.8	18.0

278727 2008 SV_{67} 5 5.8 236°.45 2°.7/ 3.7 18

4 1	15 16.24	−10 24.8	2.182	3.028	11.9	21.1
4 11	15 11.22	− 9 45.7	2.094	3.016	8.9	20.9
4 21	15 4.34	− 9 2.8	2.030	3.005	5.6	20.7
5 1	14 56.18	− 8 19.9	1.993	2.993	2.9	20.5
5 11	14 47.56	− 7 41.2	1.985	2.980	4.0	20.5
5 21	14 39.34	− 7 10.4	2.004	2.967	7.3	20.7
5 31	14 32.30	− 6 50.9	2.049	2.954	10.7	20.9
6 10	14 27.04	− 6 44.5	2.117	2.940	13.7	21.1

416194 2002 TX_{156} 5 5.8 196°.94 2°.1/ 7.4 17

4 1	15 19.71	−24 31.5	2.180	2.991	13.1	22.5
4 11	15 13.93	−24 19.5	2.089	2.988	10.2	22.3
4 21	15 6.04	−23 54.7	2.022	2.984	6.8	22.1
5 1	14 56.75	−23 17.3	1.982	2.980	3.3	21.9
5 11	14 46.97	−22 29.8	1.970	2.974	2.5	21.8
5 21	14 37.69	−21 36.6	1.987	2.968	5.8	22.0
5 31	14 29.79	−20 43.0	2.031	2.962	9.4	22.2
6 10	14 23.91	−19 54.3	2.099	2.954	12.6	22.4

106758 2000 XK_{6} 5 5.8 136°.98 2°.5/ 7.4 18

4 1	15 22.85	−24 0.4	1.858	2.675	14.8	20.3
4 11	15 16.46	−24 9.0	1.787	2.688	11.5	20.1
4 21	15 7.65	−24 4.6	1.737	2.700	7.7	19.9
5 1	14 57.27	−23 47.0	1.714	2.711	3.8	19.7
5 11	14 46.44	−23 18.2	1.718	2.722	3.0	19.7
5 21	14 36.34	−22 42.4	1.750	2.732	6.5	19.9
5 31	14 27.96	−22 5.2	1.809	2.741	10.3	20.1
6 10	14 21.97	−21 32.0	1.890	2.750	13.6	20.4

61877 2000 QU_{215} 5 5.8 252°.10 1°.2/ 4.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 14.47	−14 12.3	2.368	3.209	11.2	20.0
4 11	15 9.79	−13 47.9	2.279	3.200	8.4	19.8
4 21	15 3.40	−13 18.2	2.215	3.192	5.2	19.6
5 1	14 55.86	−12 45.7	2.179	3.183	1.9	19.3
5 11	14 47.93	−12 13.5	2.171	3.174	2.6	19.4
5 21	14 40.37	−11 45.0	2.191	3.164	6.0	19.6
5 31	14 33.89	−11 23.4	2.237	3.155	9.3	19.8
6 10	14 29.04	−11 11.1	2.307	3.145	12.2	19.9

142338 2002 RT_{199} 5 5.8 305°.72 0°.5/ 6.1 17

4 1	15 16.54	−18 39.2	1.398	2.255	16.6	20.9
4 11	15 12.75	−18 34.6	1.303	2.231	12.8	20.6
4 21	15 5.97	−18 18.3	1.229	2.207	8.1	20.2
5 1	14 56.88	−17 51.2	1.178	2.183	2.9	19.8
5 11	14 46.73	−17 17.0	1.152	2.159	2.8	19.8
5 21	14 36.95	−16 40.9	1.150	2.136	8.5	20.0
5 31	14 28.97	−16 9.6	1.172	2.113	13.7	20.3
6 10	14 23.83	−15 49.2	1.212	2.091	18.4	20.5

202569 2006 EX_{50} 5 5.8 301°.37 1°.5/ 6.7 17

4 1	15 17.25	−20 41.4	1.782	2.620	14.5	21.2
4 11	15 12.55	−20 48.9	1.695	2.610	11.1	20.9
4 21	15 5.44	−20 46.1	1.629	2.601	7.2	20.7
5 1	14 56.61	−20 33.3	1.589	2.591	3.0	20.4
5 11	14 47.11	−20 12.7	1.576	2.582	2.5	20.3
5 21	14 38.09	−19 48.0	1.589	2.573	6.7	20.6
5 31	14 30.59	−19 23.9	1.627	2.564	10.9	20.8
6 10	14 25.39	−19 5.2	1.687	2.555	14.6	21.0

469338 2000 SF_{137} 5 5.8 285°.38 3°.5/ 8.0 18

4 1	15 19.71	−27 0.2	1.970	2.779	14.4	22.1
4 11	15 14.61	−27 3.9	1.849	2.742	11.5	21.8
4 21	15 6.91	−26 52.2	1.749	2.705	8.2	21.5
5 1	14 57.18	−26 23.7	1.674	2.667	4.7	21.3
5 11	14 46.41	−25 38.9	1.627	2.628	3.8	21.1
5 21	14 35.80	−24 41.4	1.607	2.588	7.0	21.2
5 31	14 26.55	−23 37.7	1.613	2.548	11.1	21.4
6 10	14 19.62	−22 35.2	1.642	2.507	15.1	21.5

19797 2000 RO_{51} 5 5.8 181°.82 1°.6/ 4.0 18

4 1	15 12.91	−13 45.0	2.881	3.718	9.6	19.2
4 11	15 8.25	−12 49.0	2.799	3.718	7.1	19.0
4 21	15 2.27	−11 47.7	2.743	3.718	4.3	18.8
5 1	14 55.46	−10 44.4	2.716	3.718	1.9	18.6
5 11	14 48.42	− 9 42.6	2.719	3.718	2.7	18.7
5 21	14 41.74	− 8 46.2	2.751	3.717	5.4	18.9
5 31	14 35.96	− 7 58.4	2.811	3.715	8.1	19.1
6 10	14 31.52	− 7 21.3	2.895	3.713	10.5	19.2

287126 2002 RU_{184} 5 5.8 309°.36 3°.2/ 3.4 17

4 1	15 12.36	−15 40.8	1.337	2.208	16.4	20.6
4 11	15 9.55	−14 6.3	1.241	2.179	12.4	20.3
4 21	15 3.93	−12 12.0	1.167	2.150	7.7	19.9
5 1	14 56.19	−10 4.6	1.117	2.121	3.5	19.6
5 11	14 47.53	− 7 54.9	1.093	2.092	5.6	19.6
5 21	14 39.30	− 5 55.6	1.093	2.064	10.9	19.8
5 31	14 32.82	− 4 18.0	1.115	2.036	16.1	20.1
6 10	14 29.03	− 3 8.9	1.155	2.009	20.7	20.2

99366 2001 XD_{214} 5 5.8 74°.76 0°.8/ 6.3 18

4 1	15 17.68	−21 39.1	1.398	2.247	17.1	19.0
4 11	15 13.17	−21 2.3	1.330	2.252	13.0	18.7
4 21	15 5.87	−20 8.7	1.282	2.257	8.2	18.5
5 1	14 56.73	−19 1.0	1.258	2.262	3.0	18.2
5 11	14 47.08	−17 45.6	1.260	2.267	2.7	18.2
5 21	14 38.28	−16 30.5	1.287	2.272	7.8	18.5
5 31	14 31.47	−15 23.9	1.338	2.277	12.6	18.8
6 10	14 27.38	−14 32.1	1.410	2.282	16.6	19.0

386403 2008 UL_{214} 5 5.8 229°.37 1°.2/ 6.9 17

4 1	15 16.92	−23 5.0	2.493	3.307	11.6	22.3
4 11	15 11.64	−22 36.9	2.391	3.293	8.9	22.1
4 21	15 4.56	−21 57.1	2.314	3.279	5.8	21.9
5 1	14 56.27	−21 6.9	2.264	3.264	2.5	21.6
5 11	14 47.53	−20 8.9	2.243	3.249	1.9	21.5
5 21	14 39.16	−19 7.5	2.252	3.233	5.3	21.7
5 31	14 31.91	−18 7.4	2.288	3.216	8.6	21.9
6 10	14 26.38	−17 13.4	2.349	3.198	11.7	22.1

245591 2005 UU_{492} 5 5.8 313°.29 4°.8/10.0 16

4 1	15 13.87	−33 3.4	2.037	2.829	14.6	19.7
4 11	15 9.94	−32 47.4	1.935	2.812	11.9	19.5
4 21	15 3.77	−32 10.8	1.855	2.795	9.0	19.3
5 1	14 56.05	−31 12.5	1.799	2.778	6.1	19.1
5 11	14 47.76	−29 54.7	1.769	2.762	4.8	19.0
5 21	14 39.96	−28 22.5	1.766	2.745	6.6	19.0
5 31	14 33.61	−26 43.6	1.789	2.730	9.8	19.2
6 10	14 29.41	−25 6.4	1.836	2.714	13.1	19.4

391121 2005 WP_{17} 5 5.8 316.°20 0.°6/ 6.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 12.46	−20 41.8	1.993	2.833	13.1	20.3
4 11	15 8.75	−20 14.3	1.895	2.813	10.0	20.1
4 21	15 2.99	−19 34.8	1.820	2.794	6.4	19.8
5 1	14 55.80	−18 45.1	1.771	2.774	2.3	19.5
5 11	14 48.05	−17 48.8	1.749	2.756	2.1	19.5
5 21	14 40.66	−16 51.0	1.754	2.737	6.3	19.7
5 31	14 34.55	−15 57.2	1.784	2.719	10.2	19.9
6 10	14 30.38	−15 12.5	1.837	2.702	13.7	20.1

137014 1998 SM_{130} 5 5.8 275.°42 0.°0/ 5.6 18

4 1	15 11.04	−17 41.9	3.439	4.265	8.4	20.5
4 11	15 6.83	−17 22.4	3.330	4.242	6.3	20.3
4 21	15 1.43	−16 57.6	3.248	4.220	3.9	20.1
5 1	14 55.22	−16 28.6	3.193	4.197	1.3	19.9
5 11	14 48.70	−15 57.4	3.169	4.175	1.4	19.9
5 21	14 42.37	−15 26.4	3.174	4.152	4.1	20.1
5 31	14 36.74	−14 58.0	3.207	4.128	6.7	20.2
6 10	14 32.22	−14 34.5	3.266	4.105	8.9	20.3

338712 2003 UC_{62} 5 5.8 266.°31 5.°7/30.6 18

4 1	15 14.33	− 3 33.7	2.084	2.937	12.1	20.7
4 11	15 9.89	− 2 11.1	1.997	2.918	9.4	20.4
4 21	15 3.59	− 0 47.4	1.935	2.899	6.9	20.3
5 1	14 55.98	+ 0 30.8	1.899	2.880	5.7	20.1
5 11	14 47.90	+ 1 37.1	1.891	2.860	7.1	20.2
5 21	14 40.17	+ 2 26.5	1.910	2.840	9.8	20.3
5 31	14 33.61	+ 2 55.6	1.952	2.819	12.8	20.5
6 10	14 28.83	+ 3 3.7	2.014	2.799	15.6	20.6

1873 Agenor 5 5.8 23.°32 2.°5/ 2.1 18

4 1	15 6.83	− 6 57.8	3.940	4.784	7.1	17.0
4 11	15 3.46	− 6 4.2	3.867	4.787	5.3	16.9
4 21	14 59.23	− 5 10.2	3.821	4.791	3.5	16.8
5 1	14 54.47	− 4 18.2	3.803	4.794	2.5	16.7
5 11	14 49.57	− 3 31.0	3.816	4.797	3.2	16.7
5 21	14 44.90	− 2 50.6	3.857	4.801	4.9	16.9
5 31	14 40.82	− 2 18.8	3.925	4.804	6.7	17.0
6 10	14 37.61	− 1 56.6	4.018	4.808	8.3	17.1

364148 2006 FA_{13} 5 5.8 14.°34 2.°4/ 4.6 17

4 1	15 15.07	−13 48.1	1.099	1.979	18.4	20.7
4 11	15 11.68	−13 15.3	1.041	1.982	13.8	20.5
4 21	15 5.18	−12 33.8	1.003	1.986	8.5	20.2
5 1	14 56.56	−11 48.8	0.986	1.990	3.3	19.9
5 11	14 47.35	−11 7.5	0.992	1.996	4.6	20.0
5 21	14 39.07	−10 36.6	1.021	2.003	9.9	20.3
5 31	14 33.02	−10 21.4	1.071	2.010	15.0	20.6
6 10	14 29.97	−10 24.5	1.139	2.018	19.3	20.9

518925 2010 GW_{56} 5 5.8 129.°62 3.°2/ 8.2 17

4 1	15 18.81	−26 55.6	2.111	2.918	13.6	22.0
4 11	15 13.29	−27 0.6	2.034	2.927	10.7	21.9
4 21	15 5.66	−26 51.8	1.980	2.935	7.4	21.7
5 1	14 56.65	−26 28.9	1.952	2.943	4.3	21.5
5 11	14 47.25	−25 53.8	1.951	2.951	3.4	21.4
5 21	14 38.43	−25 10.5	1.979	2.959	5.9	21.6
5 31	14 31.08	−24 24.1	2.032	2.966	9.2	21.8
6 10	14 25.81	−23 40.0	2.110	2.973	12.2	22.0

201136 2002 JW_{93} 5 5.8 283.°18 1.°0/ 6.6 18

4 1	15 15.42	−21 30.1	1.889	2.724	13.9	20.3
4 11	15 10.99	−21 6.7	1.802	2.717	10.6	20.0
4 21	15 4.38	−20 30.6	1.738	2.709	6.8	19.8
5 1	14 56.26	−19 43.5	1.699	2.702	2.7	19.5
5 11	14 47.63	−18 49.1	1.687	2.694	2.2	19.4
5 21	14 39.50	−17 52.6	1.703	2.686	6.4	19.7
5 31	14 32.80	−16 59.7	1.744	2.679	10.4	19.9
6 10	14 28.22	−16 15.7	1.808	2.671	13.9	20.1

87331 2000 QX_{18} 5 5.8 227.°84 3.°2/ 3.5 18

4 1	15 16.59	− 9 41.1	1.954	2.805	12.9	20.3
4 11	15 11.65	− 8 57.4	1.874	2.799	9.7	20.0
4 21	15 4.68	− 8 10.4	1.817	2.792	6.2	19.8
5 1	14 56.35	− 7 24.2	1.787	2.786	3.4	19.6
5 11	14 47.56	− 6 43.8	1.784	2.779	4.6	19.7
5 21	14 39.24	− 6 13.5	1.809	2.771	8.0	19.9
5 31	14 32.27	− 5 56.4	1.858	2.764	11.6	20.1
6 10	14 27.25	− 5 54.2	1.929	2.756	14.7	20.3

499579 2010 TL_{13} 5 5.8 84.°81 3.°3/ 7.8 17

4 1	15 19.59	−25 32.6	1.556	2.385	16.7	21.8
4 11	15 14.51	−25 39.1	1.486	2.392	13.0	21.6
4 21	15 6.70	−25 29.1	1.435	2.398	8.9	21.4
5 1	14 57.04	−25 2.2	1.409	2.405	4.7	21.2
5 11	14 46.83	−24 21.1	1.408	2.411	3.7	21.1
5 21	14 37.39	−23 31.2	1.434	2.418	7.3	21.3
5 31	14 29.89	−22 39.7	1.483	2.424	11.4	21.6
6 10	14 25.06	−21 53.6	1.555	2.431	15.2	21.8

366595 2002 UZ_{46} 5 5.8 226.°86 2.°2/ 4.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 19.01	−11 50.4	2.084	2.926	12.5	22.3
4 11	15 13.43	−11 18.6	1.993	2.914	9.4	22.0
4 21	15 5.80	−10 42.2	1.926	2.901	5.9	21.8
5 1	14 56.73	−10 4.3	1.886	2.888	2.6	21.6
5 11	14 47.13	− 9 28.8	1.875	2.874	3.6	21.6
5 21	14 37.93	− 8 59.9	1.891	2.859	7.3	21.8
5 31	14 30.02	− 8 41.0	1.934	2.844	11.0	22.0
6 10	14 24.05	− 8 34.4	2.000	2.828	14.2	22.2

133812 2003 WF_{167} 5 5.8 117.°00 0.°4/ 5.5 17

4 1	15 15.32	−17 32.8	1.988	2.830	13.0	20.3
4 11	15 10.67	−17 1.0	1.912	2.832	9.8	20.1
4 21	15 4.04	−16 20.3	1.858	2.834	6.0	19.9
5 1	14 56.12	−15 33.3	1.831	2.836	1.9	19.6
5 11	14 47.83	−14 44.2	1.832	2.838	2.4	19.6
5 21	14 40.07	−13 57.7	1.861	2.840	6.4	19.9
5 31	14 33.66	−13 18.3	1.915	2.841	10.1	20.1
6 10	14 29.20	−12 49.5	1.991	2.843	13.3	20.3

278384 Mudanjiang 5 5.8 300.°44 1.°7/ 4.8 17

4 1	15 16.47	−13 8.0	1.747	2.600	14.0	20.7
4 11	15 12.02	−12 53.5	1.652	2.579	10.6	20.4
4 21	15 5.17	−12 33.8	1.581	2.559	6.6	20.1
5 1	14 56.59	−12 11.4	1.534	2.538	2.5	19.8
5 11	14 47.26	−11 50.2	1.514	2.518	3.4	19.8
5 21	14 38.29	−11 34.1	1.521	2.497	7.8	20.1
5 31	14 30.74	−11 27.0	1.552	2.477	12.1	20.3
6 10	14 25.43	−11 31.7	1.604	2.458	15.9	20.4

68186 2001 BZ_{51} 5 5.8 286.°31 1.°9/ 4.6 18

4 1	15 15.77	−13 18.4	1.845	2.696	13.5	19.9
4 11	15 11.20	−12 48.9	1.763	2.689	10.1	19.6
4 21	15 4.49	−12 13.4	1.704	2.682	6.2	19.4
5 1	14 56.31	−11 35.4	1.671	2.674	2.5	19.1
5 11	14 47.62	−10 59.1	1.665	2.667	3.4	19.2
5 21	14 39.41	−10 28.9	1.686	2.660	7.5	19.4
5 31	14 32.61	−10 8.8	1.731	2.653	11.4	19.6
6 10	14 27.88	−10 1.3	1.799	2.645	14.8	19.8

35530 1998 FE_{70} 5 5.8 117.°02 3.°2/ 7.5 18

4 1	15 22.50	−23 39.2	1.890	2.707	14.6	19.1
4 11	15 16.38	−24 21.8	1.811	2.712	11.4	18.9
4 21	15 7.77	−24 54.1	1.756	2.716	7.8	18.6
5 1	14 57.42	−25 14.1	1.726	2.720	4.3	18.4
5 11	14 46.45	−25 22.2	1.723	2.724	3.5	18.4
5 21	14 36.02	−25 20.3	1.749	2.728	6.7	18.6
5 31	14 27.22	−25 12.5	1.800	2.732	10.3	18.8
6 10	14 20.82	−25 4.0	1.874	2.736	13.6	19.0

353163 2009 HR_{100} 5 5.8 292.°17 2.°6/ 4.1 18

4 1	15 16.16	− 8 45.5	2.249	3.094	11.6	20.7
4 11	15 11.10	− 8 34.7	2.167	3.089	8.7	20.5
4 21	15 4.26	− 8 23.4	2.109	3.084	5.5	20.3
5 1	14 56.21	− 8 14.1	2.079	3.079	2.9	20.1
5 11	14 47.76	− 8 9.7	2.077	3.074	3.7	20.2
5 21	14 39.71	− 8 12.4	2.103	3.069	6.8	20.4
5 31	14 32.81	− 8 24.0	2.155	3.064	10.0	20.5
6 10	14 27.63	− 8 45.3	2.229	3.059	12.9	20.7

347726 2001 XG_{226} 5 5.8 113.°95 3.°6/ 3.2 17

4 1	15 17.65	− 4 26.3	2.507	3.345	10.8	21.0
4 11	15 11.85	− 4 11.2	2.443	3.359	8.2	20.8
4 21	15 4.53	− 3 58.5	2.404	3.372	5.5	20.7
5 1	14 56.25	− 3 50.9	2.394	3.384	3.7	20.6
5 11	14 47.76	− 3 50.9	2.412	3.397	4.5	20.7
5 21	14 39.75	− 4 0.2	2.459	3.409	6.9	20.8
5 31	14 32.85	− 4 19.5	2.532	3.421	9.5	21.0
6 10	14 27.53	− 4 48.8	2.629	3.433	11.8	21.2

222530 2001 UP_{33} 5 5.8 207.°87 2.°0/ 4.4 18

4 1	15 18.55	−11 53.6	2.306	3.143	11.6	22.2
4 11	15 12.86	−11 26.8	2.218	3.137	8.7	22.0
4 21	15 5.34	−10 56.0	2.155	3.130	5.4	21.8
5 1	14 56.57	−10 24.1	2.120	3.122	2.3	21.6
5 11	14 47.38	− 9 54.4	2.113	3.113	3.2	21.6
5 21	14 38.58	− 9 30.2	2.136	3.104	6.6	21.8
5 31	14 30.96	− 9 14.6	2.185	3.094	9.9	22.0
6 10	14 25.10	− 9 9.6	2.258	3.083	12.9	22.2

74674 1999 RJ_{105} 5 5.8 214.°47 2.°4/ 7.2 18

4 1	15 21.88	−22 50.9	1.823	2.646	14.8	19.7
4 11	15 16.05	−23 9.2	1.736	2.641	11.5	19.5
4 21	15 7.64	−23 16.2	1.670	2.635	7.7	19.3
5 1	14 57.40	−23 10.9	1.631	2.629	3.8	19.0
5 11	14 46.46	−22 54.8	1.618	2.622	3.0	18.9
5 21	14 36.01	−22 31.0	1.633	2.615	6.8	19.2
5 31	14 27.20	−22 4.7	1.674	2.608	10.8	19.4
6 10	14 20.83	−21 41.3	1.738	2.600	14.5	19.6

267372 2001 XP_{156} 5 5.8 197°.96 2°.9/ 3.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 18.08	− 9 28.0	2.057	2.902	12.5	20.6
4 11	15 12.65	− 8 58.0	1.978	2.900	9.4	20.4
4 21	15 5.26	− 8 25.7	1.923	2.897	6.0	20.2
5 1	14 56.55	− 7 54.8	1.895	2.894	3.2	20.0
5 11	14 47.43	− 7 29.0	1.895	2.891	4.2	20.1
5 21	14 38.78	− 7 11.9	1.923	2.887	7.5	20.3
5 31	14 31.45	− 7 6.1	1.977	2.883	10.9	20.5
6 10	14 26.02	− 7 12.8	2.053	2.878	14.0	20.7

269117 2007 LU_{11} 5 5.8 345°.46 0°.5/ 6.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.15	−21 9.7	1.639	2.485	15.1	20.0
4 11	15 10.26	−20 27.6	1.560	2.482	11.5	19.7
4 21	15 4.01	−19 30.4	1.504	2.479	7.2	19.5
5 1	14 56.17	−18 21.1	1.473	2.476	2.6	19.2
5 11	14 47.85	−17 5.3	1.467	2.474	2.4	19.2
5 21	14 40.14	−15 50.0	1.489	2.472	7.1	19.5
5 31	14 34.06	−14 42.5	1.534	2.471	11.4	19.7
6 10	14 30.27	−13 48.4	1.602	2.470	15.2	19.9

64411 2001 UJ_{168} 5 5.8 149°.76 5°.0/ 9.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 22.41	−31 1.2	2.144	2.928	14.2	19.1
4 11	15 16.14	−31 34.6	2.064	2.935	11.5	18.9
4 21	15 7.54	−31 52.7	2.006	2.942	8.6	18.7
5 1	14 57.34	−31 53.4	1.973	2.949	6.0	18.6
5 11	14 46.60	−31 37.0	1.967	2.955	5.0	18.5
5 21	14 36.43	−31 6.2	1.990	2.961	6.8	18.7
5 31	14 27.83	−30 26.3	2.038	2.966	9.6	18.8
6 10	14 21.49	−29 43.6	2.111	2.970	12.4	19.0

270431 2002 CT_{76} 5 5.8 74°.14 2°.0/ 4.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 17.52	−13 21.4	1.713	2.566	14.3	21.2
4 11	15 12.39	−12 48.1	1.656	2.582	10.6	21.0
4 21	15 5.11	−12 9.3	1.621	2.598	6.5	20.8
5 1	14 56.48	−11 28.7	1.611	2.615	2.6	20.6
5 11	14 47.58	−10 51.1	1.629	2.631	3.5	20.7
5 21	14 39.41	−10 20.9	1.674	2.647	7.5	21.0
5 31	14 32.86	−10 1.6	1.743	2.664	11.3	21.2
6 10	14 28.49	− 9 55.4	1.833	2.680	14.5	21.5

100168 1993 UN_{4} 5 5.8 237°.54 3°.0/ 3.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 17.36	−10 15.6	2.158	3.003	12.1	21.2
4 11	15 12.15	− 9 26.8	2.065	2.987	9.1	21.0
4 21	15 5.00	− 8 33.6	1.997	2.971	5.8	20.7
5 1	14 56.50	− 7 40.0	1.956	2.955	3.2	20.5
5 11	14 47.50	− 6 50.6	1.943	2.937	4.3	20.6
5 21	14 38.86	− 6 10.0	1.959	2.919	7.6	20.7
5 31	14 31.42	− 5 41.9	2.000	2.900	11.1	20.9
6 10	14 25.81	− 5 28.3	2.063	2.881	14.2	21.1

174615 2003 SO_{44} 5 5.8 208°.03 3°.6/ 8.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 21.04	−26 53.3	1.801	2.614	15.4	20.4
4 11	15 15.48	−27 2.2	1.714	2.610	12.2	20.2
4 21	15 7.32	−26 55.5	1.649	2.606	8.5	20.0
5 1	14 57.32	−26 31.8	1.608	2.601	4.9	19.7
5 11	14 46.66	−25 53.1	1.595	2.595	3.9	19.6
5 21	14 36.56	−25 3.5	1.608	2.589	6.9	19.8
5 31	14 28.17	−24 9.7	1.647	2.583	10.8	20.0
6 10	14 22.28	−23 18.7	1.708	2.576	14.4	20.2

141195 2001 XS_{188} 5 5.8 197°.50 2°.2/ 3.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.34	− 9 57.9	2.799	3.638	9.8	21.3
4 11	15 9.40	− 9 26.5	2.715	3.635	7.3	21.1
4 21	15 3.07	− 8 53.0	2.658	3.631	4.6	20.9
5 1	14 55.82	− 8 20.0	2.628	3.628	2.4	20.8
5 11	14 48.29	− 7 50.6	2.629	3.624	3.2	20.8
5 21	14 41.09	− 7 27.4	2.658	3.619	5.8	21.0
5 31	14 34.81	− 7 12.6	2.714	3.614	8.5	21.1
6 10	14 29.91	− 7 7.7	2.793	3.609	10.9	21.3

433829 2015 BK_{205} 5 5.8 41°.72 0°.2/ 6.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.58	−19 40.4	1.493	2.346	16.0	20.7
4 11	15 11.32	−19 9.1	1.435	2.360	12.0	20.5
4 21	15 4.61	−18 25.0	1.398	2.375	7.5	20.2
5 1	14 56.36	−17 31.4	1.386	2.390	2.5	20.0
5 11	14 47.77	−16 33.9	1.399	2.406	2.5	20.0
5 21	14 40.02	−15 38.8	1.439	2.423	7.3	20.3
5 31	14 34.07	−14 52.2	1.502	2.439	11.6	20.6
6 10	14 30.54	−14 18.6	1.586	2.456	15.2	20.9

381863 2009 YQ_{21} 5 5.8 152°.81 3°.5/ 8.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 18.92	−28 17.9	2.184	2.983	13.5	21.8
4 11	15 13.38	−28 22.7	2.102	2.989	10.7	21.7
4 21	15 5.75	−28 13.1	2.044	2.994	7.6	21.5
5 1	14 56.75	−27 48.4	2.011	2.999	4.6	21.3
5 11	14 47.32	−27 10.6	2.006	3.004	3.7	21.2
5 21	14 38.44	−26 23.4	2.029	3.008	5.9	21.4
5 31	14 31.00	−25 32.0	2.078	3.012	9.1	21.6
6 10	14 25.60	−24 42.3	2.152	3.015	12.0	21.8

61438 2000 QE_{20} 5 5.8 179°.46 1°.5/ 7.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 15.69	−23 11.7	2.824	3.633	10.5	19.7
4 11	15 10.49	−23 5.9	2.736	3.634	8.1	19.6
4 21	15 3.78	−22 51.1	2.673	3.635	5.3	19.4
5 1	14 56.07	−22 27.9	2.637	3.635	2.5	19.2
5 11	14 48.04	−21 58.3	2.631	3.635	1.9	19.1
5 21	14 40.38	−21 24.9	2.654	3.635	4.6	19.3
5 31	14 33.72	−20 51.0	2.705	3.634	7.4	19.5
6 10	14 28.55	−20 20.2	2.781	3.633	10.0	19.7

55268 2001 RE_{133} 5 5.8 83°.54 1°.4/ 5.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 19.96	−13 50.7	1.684	2.532	14.7	19.0
4 11	15 14.28	−13 36.4	1.625	2.549	10.9	18.8
4 21	15 6.32	−13 16.8	1.589	2.566	6.7	18.6
5 1	14 56.92	−12 54.6	1.579	2.583	2.4	18.3
5 11	14 47.21	−12 33.6	1.596	2.600	3.1	18.4
5 21	14 38.27	−12 17.4	1.640	2.617	7.3	18.7
5 31	14 31.05	−12 9.5	1.709	2.634	11.3	19.0
6 10	14 26.12	−12 12.0	1.800	2.650	14.6	19.2

72508 2001 DY_{70} 5 5.9 90°.87 0°.6/ 5.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 19.46	−17 11.5	1.557	2.406	15.7	19.7
4 11	15 14.10	−16 40.7	1.498	2.421	11.7	19.5
4 21	15 6.29	−16 0.0	1.460	2.437	7.2	19.3
5 1	14 56.93	−15 12.5	1.447	2.452	2.3	19.0
5 11	14 47.24	−14 23.7	1.461	2.467	2.8	19.1
5 21	14 38.38	−13 39.0	1.502	2.481	7.5	19.4
5 31	14 31.37	−13 3.8	1.566	2.496	11.8	19.7
6 10	14 26.80	−12 41.5	1.653	2.510	15.3	19.9

35228 1995 FB_{14} 5 5.9 255°.56 0°.1/ 5.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 17.77	−18 1.6	1.996	2.833	13.2	20.1
4 11	15 12.74	−17 39.5	1.898	2.816	10.0	19.9
4 21	15 5.53	−17 7.9	1.824	2.798	6.3	19.6
5 1	14 56.74	−16 28.6	1.775	2.780	2.1	19.3
5 11	14 47.33	−15 45.0	1.755	2.761	2.3	19.3
5 21	14 38.28	−15 1.7	1.762	2.742	6.6	19.5
5 31	14 30.57	−14 23.5	1.795	2.722	10.7	19.7
6 10	14 24.90	−13 54.8	1.851	2.702	14.2	19.9

58501 1996 VQ_{2} 5 5.9 260°.82 0°.0/ 5.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 19.90	−18 8.1	1.758	2.597	14.6	19.7
4 11	15 14.72	−17 51.2	1.657	2.576	11.1	19.4
4 21	15 6.95	−17 23.8	1.579	2.554	7.0	19.1
5 1	14 57.27	−16 47.4	1.527	2.531	2.4	18.8
5 11	14 46.74	−16 5.6	1.502	2.508	2.5	18.8
5 21	14 36.57	−15 23.1	1.504	2.484	7.4	19.0
5 31	14 27.91	−14 45.9	1.531	2.460	12.0	19.2
6 10	14 21.63	−14 18.8	1.580	2.435	16.0	19.4

321961 2010 UH_{16} 5 5.9 280°.50 2°.5/ 4.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 17.58	−13 44.8	1.609	2.464	14.9	21.0
4 11	15 13.14	−12 53.5	1.509	2.437	11.3	20.7
4 21	15 6.06	−11 51.8	1.431	2.409	7.1	20.4
5 1	14 57.00	−10 43.9	1.378	2.381	3.0	20.1
5 11	14 47.03	− 9 36.2	1.351	2.352	4.4	20.1
5 21	14 37.39	− 8 35.8	1.351	2.323	9.1	20.3
5 31	14 29.29	− 7 49.4	1.374	2.293	13.9	20.5
6 10	14 23.63	− 7 21.4	1.417	2.263	18.0	20.7

197072 2003 UJ_{167} 5 5.9 215°.79 0°.8/ 6.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.42	−21 45.7	2.628	3.444	11.0	20.2
4 11	15 11.18	−21 17.5	2.531	3.435	8.4	20.0
4 21	15 4.28	−20 39.2	2.458	3.425	5.4	19.8
5 1	14 56.27	−19 52.1	2.413	3.415	2.1	19.5
5 11	14 47.89	−18 59.2	2.398	3.404	1.7	19.5
5 21	14 39.87	−18 4.1	2.412	3.392	5.0	19.7
5 31	14 32.90	−17 11.2	2.454	3.380	8.2	19.9
6 10	14 27.53	−16 24.5	2.521	3.367	11.1	20.0

505625 2014 HT_{11} 5 5.9 66°.31 5°.4/30.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.11	− 5 7.3	2.145	2.999	11.7	20.9
4 11	15 8.67	− 3 11.6	2.094	3.017	8.9	20.7
4 21	15 2.65	− 1 15.9	2.070	3.035	6.4	20.6
5 1	14 55.69	+ 0 32.4	2.073	3.053	5.4	20.5
5 11	14 48.57	+ 2 6.4	2.105	3.071	6.7	20.7
5 21	14 42.02	+ 3 21.3	2.165	3.088	9.2	20.8
5 31	14 36.68	+ 4 14.4	2.248	3.106	11.7	21.0
6 10	14 32.97	+ 4 45.6	2.352	3.124	14.0	21.2

144184 2004 BZ_{116} 5 5.9 162°.34 0°.2/ 5.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 20.97	−16 28.8	1.846	2.684	14.1	20.5
4 11	15 15.09	−16 25.4	1.770	2.688	10.6	20.3
4 21	15 6.91	−16 15.0	1.717	2.692	6.6	20.0
5 1	14 57.18	−15 59.0	1.690	2.695	2.2	19.7
5 11	14 46.95	−15 40.2	1.692	2.698	2.4	19.8
5 21	14 37.33	−15 22.3	1.721	2.700	6.8	20.0
5 31	14 29.27	−15 9.0	1.775	2.702	10.8	20.3
6 10	14 23.47	−15 3.6	1.852	2.703	14.2	20.5

489070 2006 AJ_2 5 5.9 158°.49 18°.4/25.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 26.41	+23 7.6	1.319	2.116	20.8	21.5
4 11	15 19.66	+25 0.2	1.287	2.122	19.3	21.4
4 21	15 9.84	+26 20.2	1.272	2.127	18.5	21.3
5 1	14 58.11	+26 55.9	1.276	2.131	18.6	21.3
5 11	14 46.07	+26 41.2	1.297	2.135	19.5	21.4
5 21	14 35.22	+25 37.4	1.336	2.138	21.1	21.5
5 31	14 26.76	+23 51.2	1.391	2.140	22.8	21.7
6 10	14 21.35	+21 32.8	1.458	2.141	24.5	21.8

511283 2014 DA_{39} 5 5.9 338°.96 10°.2/26.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 10.38	+ 6 7.5	1.674	2.533	14.2	19.9
4 11	15 7.31	+ 7 53.7	1.610	2.519	12.0	19.8
4 21	15 2.16	+ 9 31.0	1.569	2.507	10.5	19.6
5 1	14 55.61	+10 49.8	1.552	2.495	10.4	19.6
5 11	14 48.60	+11 42.5	1.558	2.483	11.8	19.7
5 21	14 42.09	+12 4.8	1.585	2.473	14.1	19.8
5 31	14 36.95	+11 55.9	1.633	2.464	16.6	19.9
6 10	14 33.82	+11 18.4	1.696	2.455	19.0	20.1

199339 2006 BS_{150} 5 5.9 225°.42 1°.2/ 5.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 20.89	−15 15.5	1.561	2.410	15.6	20.8
4 11	15 15.52	−14 54.1	1.479	2.403	11.8	20.6
4 21	15 7.42	−14 24.3	1.419	2.396	7.3	20.3
5 1	14 57.41	−13 48.9	1.383	2.388	2.5	20.0
5 11	14 46.68	−13 12.3	1.375	2.379	3.3	20.0
5 21	14 36.54	−12 39.7	1.392	2.370	8.2	20.3
5 31	14 28.17	−12 16.4	1.434	2.361	12.8	20.5
6 10	14 22.39	−12 5.9	1.497	2.351	16.8	20.7

423652 2005 YY_{28} 5 5.9 197°.40 3°.2/ 8.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 18.68	−27 4.1	2.099	2.906	13.7	22.1
4 11	15 13.34	−27 3.5	2.011	2.904	10.8	21.9
4 21	15 5.82	−26 48.5	1.946	2.901	7.5	21.7
5 1	14 56.83	−26 18.8	1.907	2.899	4.3	21.5
5 11	14 47.34	−25 36.3	1.895	2.896	3.4	21.4
5 21	14 38.35	−24 45.1	1.911	2.892	6.1	21.6
5 31	14 30.81	−23 50.9	1.954	2.888	9.5	21.8
6 10	14 25.36	−22 59.4	2.020	2.884	12.7	22.0

242206 2003 QS_{36} 5 5.9 288°.40 4°.0/ 7.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 19.77	−25 21.9	1.480	2.313	17.2	20.5
4 11	15 15.30	−25 46.9	1.384	2.292	13.7	20.2
4 21	15 7.68	−25 56.7	1.308	2.271	9.6	19.9
5 1	14 57.62	−25 49.1	1.255	2.250	5.4	19.6
5 11	14 46.40	−25 24.3	1.227	2.229	4.3	19.5
5 21	14 35.56	−24 46.3	1.223	2.208	8.2	19.6
5 31	14 26.60	−24 2.1	1.244	2.187	13.0	19.8
6 10	14 20.60	−23 20.0	1.285	2.166	17.4	20.0

5158 Ogarev 5 5.9 221°.46 0°.3/ 6.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 19.91	−18 45.2	1.972	2.804	13.5	18.9
4 11	15 14.33	−18 34.7	1.881	2.795	10.3	18.7
4 21	15 6.49	−18 14.9	1.814	2.786	6.5	18.4
5 1	14 57.08	−17 47.1	1.773	2.776	2.3	18.1
5 11	14 47.07	−17 14.2	1.760	2.766	2.2	18.1
5 21	14 37.51	−16 40.2	1.775	2.755	6.5	18.3
5 31	14 29.37	−16 9.8	1.816	2.744	10.5	18.6
6 10	14 23.37	−15 47.0	1.880	2.732	14.0	18.8

299491 2006 BY_{198} 5 5.9 326°.31 6°.6/15.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.65	−50 37.3	4.368	4.992	9.6	20.2
4 11	15 11.29	−51 21.6	4.273	4.989	8.7	20.1
4 21	15 4.36	−51 52.3	4.198	4.987	7.8	20.1
5 1	14 56.33	−52 7.5	4.146	4.984	7.0	20.0
5 11	14 47.85	−52 6.4	4.117	4.982	6.6	20.0
5 21	14 39.63	−51 49.6	4.113	4.979	6.6	20.0
5 31	14 32.31	−51 19.4	4.134	4.977	7.1	20.0
6 10	14 26.44	−50 39.0	4.178	4.975	7.9	20.0

178419 1998 RR_{78} 5 5.9 230°.64 0°.9/ 6.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 20.74	−19 22.5	1.922	2.752	13.9	20.2
4 11	15 15.06	−19 27.2	1.830	2.743	10.6	20.0
4 21	15 7.01	−19 23.0	1.762	2.732	6.8	19.7
5 1	14 57.27	−19 10.3	1.719	2.722	2.6	19.4
5 11	14 46.85	−18 51.3	1.704	2.711	2.3	19.4
5 21	14 36.87	−18 29.3	1.717	2.699	6.6	19.6
5 31	14 28.35	−18 8.7	1.757	2.687	10.6	19.8
6 10	14 22.06	−17 53.7	1.819	2.674	14.2	20.0

391364 2006 VG_{53} 5 5.9 13°.33 2°.6/ 8.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.39	−26 26.8	2.111	2.927	13.3	20.6
4 11	15 10.05	−26 12.3	2.029	2.928	10.4	20.4
4 21	15 3.73	−25 43.4	1.969	2.929	7.1	20.2
5 1	14 56.12	−25 0.8	1.936	2.930	3.9	20.0
5 11	14 48.12	−24 7.2	1.929	2.932	2.9	20.0
5 21	14 40.64	−23 7.4	1.950	2.934	5.7	20.1
5 31	14 34.50	−22 6.9	1.997	2.936	9.1	20.4
6 10	14 30.29	−21 11.2	2.068	2.938	12.2	20.6

14112 1998 QZ_{25} 5 5.9 168°.80 0°.8/ 6.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 20.08	−20 4.2	2.013	2.841	13.5	18.9
4 11	15 14.29	−19 54.3	1.934	2.845	10.2	18.7
4 21	15 6.36	−19 34.4	1.878	2.848	6.5	18.4
5 1	14 57.00	−19 5.8	1.848	2.851	2.4	18.2
5 11	14 47.20	−18 31.4	1.847	2.853	2.1	18.2
5 21	14 37.96	−17 55.1	1.874	2.855	6.2	18.4
5 31	14 30.18	−17 21.6	1.927	2.856	9.9	18.6
6 10	14 24.50	−16 55.1	2.004	2.857	13.2	18.9

433426 2013 TG_{84} 5 5.9 120°.87 3°.8/ 8.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 20.20	−28 29.1	2.071	2.871	14.1	22.1
4 11	15 14.41	−28 40.2	1.998	2.884	11.2	21.9
4 21	15 6.43	−28 36.4	1.946	2.896	8.0	21.7
5 1	14 57.01	−28 16.9	1.920	2.907	4.9	21.5
5 11	14 47.20	−27 43.4	1.922	2.919	3.9	21.5
5 21	14 38.03	−26 59.8	1.951	2.930	6.2	21.7
5 31	14 30.41	−26 11.5	2.007	2.940	9.3	21.9
6 10	14 24.97	−25 24.5	2.086	2.951	12.3	22.1

473032 2015 HS_{71} 5 5.9 278°.59 0°.0/ 5.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 18.40	−16 17.8	2.112	2.948	12.6	21.0
4 11	15 13.16	−16 25.2	2.012	2.929	9.6	20.8
4 21	15 5.79	−16 27.2	1.936	2.910	6.0	20.5
5 1	14 56.87	−16 24.6	1.886	2.891	2.0	20.2
5 11	14 47.29	−16 19.2	1.865	2.871	2.2	20.2
5 21	14 37.99	−16 13.7	1.872	2.852	6.3	20.4
5 31	14 29.92	−16 11.1	1.905	2.832	10.1	20.6
6 10	14 23.80	−16 14.2	1.961	2.813	13.5	20.8

336422 2008 UZ_{216} 5 5.9 209°.70 3°.2/ 8.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 18.91	−28 3.4	2.500	3.293	12.2	21.7
4 11	15 13.26	−28 6.7	2.403	3.286	9.7	21.5
4 21	15 5.68	−27 57.2	2.329	3.278	6.9	21.3
5 1	14 56.79	−27 34.3	2.282	3.270	4.2	21.1
5 11	14 47.42	−26 59.3	2.264	3.262	3.3	21.1
5 21	14 38.44	−26 15.3	2.274	3.253	5.5	21.2
5 31	14 30.67	−25 26.9	2.312	3.243	8.4	21.4
6 10	14 24.73	−24 39.1	2.375	3.232	11.3	21.5

178757 2000 VA_{44} 5 5.9 258°.09 1°.4/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.69	−21 15.4	2.477	3.297	11.5	20.7
4 11	15 11.58	−21 22.6	2.379	3.284	8.8	20.5
4 21	15 4.66	−21 21.6	2.304	3.271	5.7	20.2
5 1	14 56.46	−21 12.7	2.257	3.257	2.5	20.0
5 11	14 47.76	−20 57.5	2.238	3.244	2.0	19.9
5 21	14 39.37	−20 38.3	2.248	3.230	5.2	20.1
5 31	14 32.05	−20 18.6	2.286	3.216	8.5	20.3
6 10	14 26.42	−20 1.7	2.347	3.202	11.5	20.5

398448 2011 UD_{54} 5 5.9 318°.64 1°.3/ 7.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.14	−25 4.5	2.137	2.959	13.0	20.5
4 11	15 9.07	−24 4.1	2.046	2.952	10.0	20.3
4 21	15 3.11	−22 47.1	1.978	2.944	6.5	20.0
5 1	14 55.93	−21 16.0	1.936	2.937	2.8	19.8
5 11	14 48.39	−19 36.0	1.924	2.930	2.0	19.7
5 21	14 41.34	−17 53.5	1.940	2.923	5.7	19.9
5 31	14 35.58	−16 15.9	1.983	2.917	9.4	20.1
6 10	14 31.66	−14 49.2	2.051	2.910	12.7	20.3

426053 2012 BA_{15} 5 5.9 328°.63 6°.0/ 2.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.75	− 5 54.5	1.411	2.281	15.7	20.7
4 11	15 11.67	− 4 47.0	1.343	2.276	12.0	20.5
4 21	15 5.02	− 3 38.4	1.298	2.271	8.3	20.2
5 1	14 56.62	− 2 36.4	1.276	2.267	6.0	20.1
5 11	14 47.66	− 1 48.8	1.278	2.263	7.6	20.2
5 21	14 39.37	− 1 21.1	1.305	2.259	11.3	20.3
5 31	14 32.84	− 1 16.5	1.353	2.256	15.2	20.6
6 10	14 28.79	− 1 34.8	1.420	2.253	18.7	20.8

365148 2009 DL_{64} 5 5.9 16°.81 5°.6/ 2.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 17.20	− 6 24.0	1.333	2.204	16.4	20.3
4 11	15 12.82	− 5 30.3	1.272	2.205	12.5	20.1
4 21	15 5.74	− 4 36.4	1.232	2.207	8.4	19.9
5 1	14 56.86	− 3 49.3	1.215	2.209	5.7	19.7
5 11	14 47.45	− 3 16.0	1.222	2.211	7.1	19.8
5 21	14 38.83	− 3 1.5	1.254	2.214	11.0	20.0
5 31	14 32.10	− 3 8.1	1.307	2.217	15.1	20.2
6 10	14 28.01	− 3 35.3	1.378	2.220	18.7	20.5

91302 1999 FU_{36} 5 5.9 345°.12 6°.6/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.76	−12 11.7	1.122	2.016	17.1	18.5
4 11	15 4.72	− 9 26.6	1.052	2.000	12.8	18.2
4 21	15 0.97	− 6 21.4	1.003	1.986	8.5	17.9
5 1	14 55.33	− 3 11.0	0.978	1.973	6.6	17.7
5 11	14 49.05	− 0 13.9	0.977	1.962	9.4	17.8
5 21	14 43.45	+ 2 13.4	1.000	1.952	14.1	18.1
5 31	14 39.69	+ 4 0.4	1.042	1.945	18.6	18.3
6 10	14 38.54	+ 5 4.5	1.100	1.939	22.6	18.5

137773 1999 XM_{216} 5 5.9 243°.90 3°.1/ 3.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 18.76	−10 12.7	1.814	2.664	13.7	21.0
4 11	15 13.57	− 9 37.4	1.727	2.652	10.3	20.8
4 21	15 6.09	− 8 58.2	1.664	2.640	6.6	20.5
5 1	14 56.99	− 8 19.2	1.626	2.627	3.4	20.3
5 11	14 47.28	− 7 45.2	1.616	2.613	4.5	20.3
5 21	14 38.02	− 7 20.6	1.633	2.599	8.4	20.5
5 31	14 30.21	− 7 9.0	1.674	2.585	12.3	20.7
6 10	14 24.56	− 7 12.2	1.737	2.570	15.8	20.9

509140 2006 AW_{77} 5 5.9 335°.75 7°.6/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 8.56	+16 55.7	3.477	4.271	9.0	20.2
4 11	15 4.95	+17 53.3	3.418	4.261	8.2	20.1
4 21	15 0.30	+18 40.1	3.383	4.251	7.7	20.0
5 1	14 54.97	+19 12.4	3.373	4.241	7.8	20.0
5 11	14 49.44	+19 27.8	3.387	4.231	8.4	20.1
5 21	14 44.18	+19 25.0	3.423	4.221	9.4	20.1
5 31	14 39.61	+19 4.3	3.481	4.212	10.5	20.2
6 10	14 36.09	+18 27.0	3.557	4.203	11.6	20.3

172373 2002 XX_{101} 5 5.9 207°.84 0°.6/ 6.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.97	−20 1.8	2.435	3.260	11.5	21.1
4 11	15 10.96	−19 47.7	2.347	3.257	8.7	20.9
4 21	15 4.21	−19 25.0	2.282	3.253	5.5	20.7
5 1	14 56.32	−18 55.0	2.245	3.248	2.1	20.5
5 11	14 48.03	−18 20.2	2.237	3.244	1.8	20.4
5 21	14 40.13	−17 44.1	2.258	3.239	5.3	20.7
5 31	14 33.35	−17 10.4	2.305	3.233	8.6	20.8
6 10	14 28.25	−16 42.5	2.377	3.228	11.5	21.0

299918 2006 SQ_{409} 5 5.9 159°.26 1°.9/ 7.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.36	−23 58.9	2.615	3.425	11.2	22.1
4 11	15 11.13	−23 56.7	2.532	3.429	8.7	21.9
4 21	15 4.26	−23 44.6	2.472	3.433	5.8	21.7
5 1	14 56.32	−23 23.1	2.440	3.437	2.9	21.5
5 11	14 48.04	−22 54.0	2.437	3.440	2.2	21.5
5 21	14 40.17	−22 20.3	2.462	3.443	4.9	21.7
5 31	14 33.41	−21 45.6	2.515	3.446	7.8	21.8
6 10	14 28.27	−21 13.7	2.593	3.449	10.5	22.0

469287 1995 UV_{55} 5 5.9 188°.28 0°.5/ 5.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.45	−16 51.9	2.675	3.506	10.4	22.4
4 11	15 9.62	−16 22.5	2.590	3.505	7.8	22.2
4 21	15 3.29	−15 46.7	2.530	3.504	4.8	22.0
5 1	14 55.99	−15 6.5	2.499	3.503	1.6	21.8
5 11	14 48.39	−14 24.9	2.496	3.501	1.9	21.8
5 21	14 41.16	−13 45.2	2.523	3.499	5.1	22.1
5 31	14 34.93	−13 10.6	2.577	3.497	8.1	22.2
6 10	14 30.17	−12 43.8	2.655	3.494	10.8	22.4

426896 2013 WU_{58} 5 5.9 242°.54 1°.9/ 4.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.95	−13 8.9	1.964	2.811	13.0	21.3
4 11	15 12.03	−12 39.0	1.879	2.803	9.7	21.0
4 21	15 5.04	−12 3.4	1.817	2.794	6.0	20.8
5 1	14 56.62	−11 25.4	1.782	2.785	2.4	20.5
5 11	14 47.70	−10 49.0	1.775	2.776	3.3	20.6
5 21	14 39.23	−10 18.4	1.795	2.767	7.2	20.8
5 31	14 32.09	− 9 57.4	1.840	2.758	11.0	21.0
6 10	14 26.94	− 9 48.6	1.907	2.748	14.3	21.2

97839 2000 PQ_{19} 5 5.9 309°.91 1°.9/ 5.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 17.33	−13 22.6	1.233	2.104	17.5	19.5
4 11	15 13.67	−13 12.4	1.145	2.081	13.3	19.2
4 21	15 6.77	−12 55.5	1.078	2.059	8.4	18.8
5 1	14 57.38	−12 34.9	1.033	2.037	3.1	18.4
5 11	14 46.81	−12 15.6	1.012	2.016	4.1	18.4
5 21	14 36.67	−12 2.8	1.014	1.996	9.9	18.7
5 31	14 28.50	−12 1.8	1.037	1.976	15.4	18.9
6 10	14 23.40	−12 16.1	1.079	1.956	20.2	19.1

267310 2001 TQ_{6} 5 5.9 143°.36 3°.8/ 2.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 17.19	− 8 2.5	2.118	2.965	12.2	22.0
4 11	15 11.83	− 7 0.8	2.053	2.975	9.1	21.8
4 21	15 4.69	− 5 57.4	2.013	2.985	6.0	21.7
5 1	14 56.45	− 4 57.1	2.001	2.995	3.9	21.5
5 11	14 47.95	− 4 5.0	2.016	3.003	5.0	21.6
5 21	14 40.01	− 3 25.0	2.060	3.012	7.9	21.8
5 31	14 33.36	− 3 0.0	2.129	3.019	11.0	22.0
6 10	14 28.52	− 2 50.9	2.219	3.026	13.7	22.2

332792 2009 WO_{22} 5 5.9 219°.44 2°.4/ 4.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 18.09	−10 48.4	2.246	3.086	11.8	21.7
4 11	15 12.63	−10 17.8	2.157	3.077	8.8	21.5
4 21	15 5.30	− 9 43.8	2.093	3.067	5.6	21.3
5 1	14 56.70	− 9 9.5	2.056	3.057	2.7	21.1
5 11	14 47.64	− 8 38.6	2.049	3.046	3.6	21.1
5 21	14 38.97	− 8 14.5	2.069	3.035	7.0	21.3
5 31	14 31.48	− 8 0.3	2.116	3.023	10.3	21.5
6 10	14 25.77	− 7 57.6	2.186	3.010	13.3	21.7

352084 2006 WH_{193} 5 5.9 13°.05 7°.6/ 1.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 18.45	+ 6 4.9	2.059	2.893	12.9	20.2
4 11	15 12.84	+ 6 27.5	1.996	2.894	10.6	20.1
4 21	15 5.36	+ 6 39.2	1.956	2.896	8.5	20.0
5 1	14 56.69	+ 6 35.3	1.941	2.899	7.6	19.9
5 11	14 47.70	+ 6 12.6	1.953	2.901	8.4	19.9
5 21	14 39.27	+ 5 30.5	1.991	2.904	10.4	20.1
5 31	14 32.17	+ 4 30.3	2.052	2.907	12.8	20.2
6 10	14 26.96	+ 3 14.6	2.135	2.911	15.1	20.4

353934 1995 WB_{36} 5 5.9 210°.66 0°.1/ 5.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.00	−17 31.1	2.773	3.600	10.2	22.5
4 11	15 10.03	−17 13.4	2.681	3.594	7.7	22.3
4 21	15 3.56	−16 49.4	2.615	3.588	4.7	22.1
5 1	14 56.09	−16 20.7	2.577	3.581	1.6	21.8
5 11	14 48.29	−15 49.6	2.568	3.574	1.7	21.8
5 21	14 40.81	−15 19.1	2.589	3.567	4.9	22.0
5 31	14 34.29	−14 52.1	2.637	3.559	7.9	22.2
6 10	14 29.21	−14 31.2	2.710	3.551	10.5	22.4

14587 1998 RW_{70} 5 5.9 216°.16 3°.1/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 20.36	−11 22.1	1.643	2.495	14.8	18.6
4 11	15 14.93	−10 38.5	1.562	2.488	11.2	18.3
4 21	15 6.99	− 9 49.0	1.505	2.481	7.0	18.1
5 1	14 57.31	− 8 58.5	1.472	2.473	3.4	17.8
5 11	14 47.01	− 8 12.4	1.467	2.465	4.7	17.9
5 21	14 37.28	− 7 36.4	1.488	2.456	8.9	18.1
5 31	14 29.21	− 7 14.7	1.534	2.447	13.1	18.3
6 10	14 23.54	− 7 9.7	1.600	2.437	16.7	18.5

368753 2005 UY_{487} 5 5.9 181°.07 3°.9/ 9.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 19.33	−30 22.7	2.165	2.956	13.9	21.6
4 11	15 13.79	−30 14.6	2.078	2.957	11.1	21.4
4 21	15 6.10	−29 49.5	2.013	2.958	8.0	21.2
5 1	14 56.97	−29 7.0	1.973	2.958	5.1	21.1
5 11	14 47.40	−28 9.2	1.961	2.957	4.0	21.0
5 21	14 38.40	−27 0.7	1.978	2.956	6.1	21.1
5 31	14 30.87	−25 47.8	2.021	2.955	9.3	21.3
6 10	14 25.46	−24 37.2	2.088	2.953	12.3	21.5

297849 2002 CR_{8} 5 5.9 62°.10 0°.8/ 6.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.63	−20 44.0	2.202	3.033	12.3	20.9
4 11	15 10.04	−20 26.2	2.129	3.041	9.3	20.7
4 21	15 3.65	−19 58.7	2.079	3.050	5.9	20.5
5 1	14 56.13	−19 23.2	2.056	3.058	2.3	20.2
5 11	14 48.29	−18 42.7	2.060	3.067	1.9	20.2
5 21	14 40.97	−18 1.2	2.093	3.076	5.5	20.5
5 31	14 34.90	−17 22.9	2.152	3.085	8.9	20.7
6 10	14 30.60	−16 51.5	2.235	3.093	11.8	20.9

512515 2016 RZ_{26} 5 5.9 240°.57 5°.6/10.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 19.79	−37 10.1	2.959	3.697	11.7	22.1
4 11	15 13.95	−37 40.7	2.849	3.680	9.9	21.9
4 21	15 6.18	−37 57.2	2.761	3.663	8.0	21.8
5 1	14 57.03	−37 57.1	2.699	3.645	6.3	21.7
5 11	14 47.28	−37 40.0	2.664	3.627	5.6	21.6
5 21	14 37.80	−37 7.3	2.656	3.608	6.4	21.6
5 31	14 29.41	−36 22.8	2.677	3.589	8.2	21.7
6 10	14 22.78	−35 31.5	2.722	3.569	10.3	21.8

311274 2005 EK_{235} 5 5.9 131°.03 1°.4/ 4.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 20.54	−15 0.9	1.821	2.662	14.1	22.0
4 11	15 14.64	−14 27.1	1.755	2.676	10.5	21.8
4 21	15 6.55	−13 46.0	1.714	2.690	6.4	21.6
5 1	14 57.10	−13 1.0	1.698	2.702	2.3	21.4
5 11	14 47.32	−12 16.8	1.711	2.714	3.0	21.4
5 21	14 38.26	−11 37.9	1.751	2.726	7.2	21.7
5 31	14 30.81	−11 8.7	1.817	2.737	11.0	22.0
6 10	14 25.55	−10 51.8	1.905	2.747	14.3	22.2

501775 2014 UG_{210} 5 5.9 308°.32 3°.0/ 4.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 18.30	−10 57.3	1.279	2.149	17.1	21.3
4 11	15 14.20	−10 44.3	1.196	2.131	13.0	21.0
4 21	15 6.99	−10 27.6	1.133	2.113	8.2	20.7
5 1	14 57.43	−10 11.1	1.093	2.096	3.6	20.3
5 11	14 46.84	− 9 59.8	1.077	2.079	4.8	20.4
5 21	14 36.74	− 9 58.3	1.085	2.062	10.0	20.6
5 31	14 28.58	−10 10.4	1.114	2.046	15.2	20.8
6 10	14 23.37	−10 38.3	1.162	2.031	19.7	21.1

315200 2007 QQ_{9} 5 5.9 245°.49 3°.5/ 7.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 22.60	−25 44.5	1.787	2.601	15.4	21.4
4 11	15 16.91	−26 1.6	1.687	2.585	12.3	21.1
4 21	15 8.44	−26 4.5	1.609	2.568	8.5	20.9
5 1	14 57.88	−25 51.6	1.556	2.550	4.8	20.6
5 11	14 46.38	−25 23.6	1.530	2.531	3.8	20.5
5 21	14 35.26	−24 43.9	1.530	2.512	7.2	20.7
5 31	14 25.80	−23 58.9	1.557	2.492	11.4	20.8
6 10	14 18.92	−23 15.5	1.606	2.471	15.3	21.0

440732 2006 BP_8 5 5.9 291.°79 18.°3/16.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 27.25	−50 26.7	1.192	1.924	26.0	20.7
4 11	15 23.43	−52 27.1	1.122	1.918	23.9	20.5
4 21	15 14.09	−53 53.1	1.064	1.912	21.7	20.3
5 1	15 0.10	−54 30.4	1.020	1.907	19.8	20.1
5 11	14 43.96	−54 9.0	0.993	1.901	18.5	20.0
5 21	14 28.95	−52 48.8	0.983	1.896	18.4	20.0
5 31	14 18.02	−50 41.1	0.991	1.890	19.7	20.1
6 10	14 12.67	−48 5.7	1.015	1.885	21.8	20.2

332387 2007 GJ_{45} 5 5.9 33.°99 1.°7/ 4.7 17

4 1	15 15.45	−14 54.2	1.662	2.518	14.5	20.8
4 11	15 11.11	−14 11.7	1.593	2.521	10.8	20.6
4 21	15 4.53	−13 20.9	1.546	2.525	6.6	20.4
5 1	14 56.46	−12 26.0	1.525	2.529	2.4	20.1
5 11	14 47.98	−11 32.5	1.530	2.533	3.4	20.2
5 21	14 40.14	−10 46.0	1.561	2.537	7.7	20.4
5 31	14 33.88	−10 11.2	1.616	2.542	11.7	20.7
6 10	14 29.82	− 9 51.2	1.693	2.546	15.2	20.9

185179 2006 SG_{332} 5 5.9 89.°74 1.°1/ 6.8 17

4 1	15 15.95	−21 7.6	2.322	3.147	12.0	21.0
4 11	15 10.92	−20 59.2	2.250	3.159	9.1	20.9
4 21	15 4.16	−20 41.6	2.203	3.171	5.8	20.7
5 1	14 56.31	−20 16.1	2.182	3.183	2.4	20.5
5 11	14 48.16	−19 45.2	2.189	3.196	1.9	20.5
5 21	14 40.52	−19 12.2	2.225	3.208	5.2	20.7
5 31	14 34.11	−18 41.0	2.288	3.219	8.5	20.9
6 10	14 29.43	−18 15.0	2.375	3.231	11.3	21.1

138614 2000 QO_{197} 5 5.9 101.°82 6.°4/29.3 18

4 1	15 14.27	+ 4 9.3	2.662	3.496	10.4	20.0
4 11	15 9.26	+ 5 24.1	2.621	3.519	8.4	19.9
4 21	15 2.93	+ 6 31.8	2.605	3.542	6.8	19.8
5 1	14 55.86	+ 7 27.6	2.616	3.564	6.4	19.8
5 11	14 48.66	+ 8 7.9	2.655	3.586	7.3	19.9
5 21	14 41.95	+ 8 30.5	2.719	3.607	8.9	20.1
5 31	14 36.26	+ 8 35.2	2.808	3.628	10.7	20.2
6 10	14 31.96	+ 8 23.1	2.917	3.649	12.4	20.4

470088 2006 SZ_{388} 5 5.9 199.°48 4.°7/ 1.1 17

4 1	15 13.64	− 1 57.5	2.714	3.556	9.9	22.6
4 11	15 8.94	− 0 58.8	2.640	3.553	7.7	22.4
4 21	15 2.85	− 0 2.2	2.590	3.550	5.7	22.3
5 1	14 55.88	+ 0 48.2	2.569	3.546	4.7	22.2
5 11	14 48.63	+ 1 28.5	2.576	3.541	5.7	22.3
5 21	14 41.72	+ 1 55.7	2.611	3.537	7.7	22.4
5 31	14 35.75	+ 2 8.2	2.671	3.532	10.0	22.5
6 10	14 31.14	+ 2 6.0	2.753	3.526	12.1	22.7

486033 2012 TV_{79} 5 5.9 282.°60 0.°6/ 6.8 17

4 1	15 7.86	−21 5.1	4.383	5.198	7.0	21.4
4 11	15 4.30	−20 48.9	4.285	5.189	5.3	21.3
4 21	14 59.86	−20 27.3	4.213	5.180	3.4	21.1
5 1	14 54.86	−20 1.4	4.170	5.171	1.4	21.0
5 11	14 49.68	−19 32.6	4.156	5.162	1.1	20.9
5 21	14 44.68	−19 2.5	4.172	5.153	3.1	21.1
5 31	14 40.23	−18 33.2	4.217	5.145	5.0	21.2
6 10	14 36.63	−18 6.6	4.288	5.136	6.8	21.3

42590 1997 GW_{34} 5 5.9 146.°56 1.°9/ 4.3 18

4 1	15 15.94	−13 33.1	2.176	3.019	12.0	19.6
4 11	15 10.95	−12 42.7	2.104	3.026	8.9	19.4
4 21	15 4.20	−11 46.4	2.056	3.032	5.5	19.2
5 1	14 56.33	−10 48.0	2.036	3.039	2.3	19.0
5 11	14 48.18	− 9 52.0	2.044	3.044	3.3	19.1
5 21	14 40.54	− 9 3.0	2.081	3.050	6.7	19.3
5 31	14 34.15	− 8 24.7	2.143	3.055	10.0	19.5
6 10	14 29.52	− 7 59.4	2.229	3.059	12.8	19.7

258744 2002 GY_{161} 5 5.9 331.°18 1.°1/ 6.3 17

4 1	15 20.18	−17 45.1	1.304	2.161	17.6	19.9
4 11	15 15.60	−18 13.4	1.227	2.153	13.5	19.6
4 21	15 7.83	−18 33.8	1.170	2.146	8.6	19.3
5 1	14 57.71	−18 46.0	1.136	2.140	3.2	18.9
5 11	14 46.64	−18 51.5	1.127	2.134	2.9	18.9
5 21	14 36.19	−18 53.4	1.142	2.128	8.4	19.2
5 31	14 27.81	−18 56.3	1.181	2.124	13.5	19.5
6 10	14 22.49	−19 4.9	1.238	2.119	17.9	19.7

141134 2001 XO_{91} 5 5.9 74.°41 0.°0/ 5.6 18

4 1	15 15.80	−17 43.3	2.171	3.007	12.3	19.6
4 11	15 10.88	−17 29.1	2.102	3.019	9.2	19.4
4 21	15 4.18	−17 7.6	2.057	3.031	5.7	19.2
5 1	14 56.33	−16 40.5	2.039	3.044	1.9	19.0
5 11	14 48.19	−16 11.1	2.049	3.056	2.0	19.0
5 21	14 40.59	−15 42.6	2.087	3.068	5.7	19.3
5 31	14 34.26	−15 18.6	2.152	3.080	9.1	19.5
6 10	14 29.73	−15 2.0	2.239	3.092	12.0	19.7

30931 1993 UJ_5 5 5.9 85.°28 2.°6/ 4.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 18.66	−11 38.1	1.688	2.541	14.4	19.2
4 11	15 13.35	−11 6.3	1.629	2.555	10.7	19.0
4 21	15 5.82	−10 30.6	1.592	2.570	6.7	18.8
5 1	14 56.89	− 9 54.8	1.582	2.584	3.0	18.6
5 11	14 47.64	− 9 23.6	1.598	2.598	4.0	18.7
5 21	14 39.14	− 9 1.2	1.641	2.612	7.9	18.9
5 31	14 32.27	− 8 50.6	1.708	2.626	11.7	19.2
6 10	14 27.63	− 8 53.3	1.797	2.639	14.9	19.4

160481 2006 XH_{32} 5 5.9 7.°08 0.°6/ 5.4 18

4 1	15 14.94	−15 39.7	2.189	3.031	12.0	20.1
4 11	15 10.31	−15 26.8	2.111	3.031	9.0	19.9
4 21	15 3.88	−15 8.0	2.056	3.031	5.5	19.7
5 1	14 56.26	−14 45.4	2.027	3.032	1.8	19.5
5 11	14 48.25	−14 21.8	2.027	3.032	2.2	19.5
5 21	14 40.69	−14 0.5	2.055	3.033	5.9	19.7
5 31	14 34.32	−13 44.6	2.108	3.034	9.4	20.0
6 10	14 29.72	−13 36.7	2.185	3.035	12.4	20.1

478139 2011 UW_{136} 5 5.9 22.°94 1.°2/ 6.9 17

4 1	15 13.73	−22 50.3	2.294	3.119	12.1	20.6
4 11	15 9.38	−22 23.5	2.212	3.120	9.3	20.4
4 21	15 3.28	−21 45.1	2.153	3.121	6.0	20.2
5 1	14 56.05	−20 56.8	2.121	3.122	2.6	20.0
5 11	14 48.48	−20 2.0	2.117	3.123	1.9	19.9
5 21	14 41.37	−19 4.9	2.141	3.124	5.3	20.2
5 31	14 35.45	−18 10.3	2.192	3.125	8.7	20.4
6 10	14 31.25	−17 22.6	2.266	3.127	11.6	20.6

403264 2008 YD_{137} 5 5.9 59.°51 1.°0/ 5.4 18

4 1	15 19.83	−15 30.8	1.317	2.177	17.3	20.2
4 11	15 14.92	−15 16.5	1.255	2.185	13.0	20.0
4 21	15 7.12	−14 53.5	1.214	2.193	8.0	19.7
5 1	14 57.39	−14 24.9	1.197	2.202	2.7	19.4
5 11	14 47.12	−13 55.6	1.204	2.210	3.3	19.4
5 21	14 37.72	−13 30.7	1.237	2.219	8.5	19.8
5 31	14 30.41	−13 15.4	1.292	2.228	13.3	20.1
6 10	14 25.93	−13 12.9	1.368	2.237	17.3	20.3

522217 2016 AT_{263} 5 5.9 36.°43 1.°5/ 6.7 17

4 1	15 17.71	−21 12.7	1.308	2.162	17.7	21.2
4 11	15 13.42	−21 9.2	1.248	2.171	13.5	20.9
4 21	15 6.22	−20 51.2	1.207	2.181	8.7	20.7
5 1	14 57.09	−20 20.0	1.189	2.192	3.5	20.4
5 11	14 47.43	−19 40.0	1.196	2.203	2.8	20.4
5 21	14 38.68	−18 57.3	1.228	2.215	7.8	20.7
5 31	14 32.02	−18 18.8	1.282	2.227	12.5	21.0
6 10	14 28.20	−17 50.3	1.357	2.239	16.6	21.3

507482 2012 TP_{306} 5 5.9 243.°15 2.°4/ 7.7 17

4 1	15 16.83	−24 54.8	2.099	2.916	13.3	21.9
4 11	15 11.99	−24 47.9	2.009	2.910	10.4	21.7
4 21	15 5.06	−24 27.9	1.941	2.903	7.0	21.5
5 1	14 56.69	−23 55.0	1.900	2.896	3.6	21.2
5 11	14 47.81	−23 11.6	1.885	2.889	2.7	21.2
5 21	14 39.39	−22 21.9	1.899	2.882	5.9	21.4
5 31	14 32.32	−21 31.2	1.939	2.875	9.5	21.6
6 10	14 27.26	−20 44.8	2.002	2.867	12.7	21.7

508592 2017 OQ_{60} 5 5.9 305.°73 4.°4/ 3.5 17

4 1	15 15.99	−10 10.1	1.261	2.136	17.0	20.8
4 11	15 12.60	− 9 22.4	1.170	2.107	13.0	20.4
4 21	15 6.11	− 8 27.3	1.098	2.078	8.4	20.1
5 1	14 57.21	− 7 30.9	1.049	2.050	4.7	19.8
5 11	14 47.16	− 6 41.1	1.024	2.022	6.3	19.8
5 21	14 37.44	− 6 5.7	1.022	1.994	11.4	19.9
5 31	14 29.55	− 5 50.9	1.041	1.967	16.6	20.1
6 10	14 24.60	− 5 59.5	1.078	1.940	21.3	20.3

22064 Angelalewis 5 5.9 249.°44 1.°8/ 4.4 18

4 1	15 15.04	−14 41.4	2.031	2.878	12.6	18.6
4 11	15 10.55	−13 46.0	1.945	2.869	9.4	18.4
4 21	15 4.11	−12 42.2	1.882	2.860	5.8	18.1
5 1	14 56.36	−11 34.0	1.847	2.850	2.3	17.9
5 11	14 48.17	−10 26.7	1.839	2.840	3.3	17.9
5 21	14 40.42	− 9 25.7	1.859	2.831	7.1	18.1
5 31	14 33.95	− 8 35.9	1.905	2.821	10.8	18.3
6 10	14 29.35	− 8 0.5	1.973	2.810	14.0	18.5

20964 Mons Naklethi 5 5.9 172.°66 3.°8/ 8.8 18

4 1	15 21.22	−29 32.6	2.031	2.826	14.5	18.8
4 11	15 15.32	−29 25.7	1.947	2.830	11.6	18.6
4 21	15 7.11	−29 1.5	1.884	2.833	8.3	18.4
5 1	14 57.36	−28 19.5	1.848	2.835	5.1	18.2
5 11	14 47.15	−27 21.9	1.839	2.836	3.9	18.1
5 21	14 37.57	−26 13.7	1.858	2.837	6.4	18.3
5 31	14 29.58	−25 1.7	1.903	2.837	9.7	18.5
6 10	14 23.87	−23 52.8	1.973	2.837	12.9	18.7

133453 2003 SQ_{225} 5 5.9 174.°96 0.°1/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 17.71	−17 49.6	2.241	3.072	12.1	20.1
4 11	15 12.37	−17 40.8	2.160	3.074	9.1	19.9
4 21	15 5.15	−17 24.8	2.102	3.075	5.7	19.7
5 1	14 56.70	−17 3.0	2.072	3.076	1.9	19.5
5 11	14 47.85	−16 37.9	2.070	3.077	1.9	19.5
5 21	14 39.45	−16 12.9	2.097	3.077	5.7	19.7
5 31	14 32.29	−15 51.4	2.151	3.077	9.2	19.9
6 10	14 26.96	−15 36.4	2.228	3.077	12.2	20.1

349445 2008 BH_{50} 5 5.9 155.°29 0.°9/ 5.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.20	−15 6.0	2.639	3.472	10.5	22.4
4 11	15 10.16	−14 39.1	2.561	3.478	7.8	22.2
4 21	15 3.64	−14 7.0	2.509	3.483	4.8	22.0
5 1	14 56.17	−13 32.0	2.485	3.489	1.6	21.8
5 11	14 48.43	−12 56.9	2.490	3.494	2.2	21.8
5 21	14 41.09	−12 24.9	2.524	3.498	5.3	22.1
5 31	14 34.79	−11 58.9	2.586	3.502	8.3	22.3
6 10	14 29.97	−11 41.1	2.671	3.506	10.8	22.4

336229 2008 SF_{84} 5 5.9 163.°69 1.°3/ 4.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.08	−14 45.8	2.517	3.351	10.9	22.0
4 11	15 10.86	−14 2.4	2.440	3.357	8.1	21.8
4 21	15 4.08	−13 13.1	2.387	3.362	4.9	21.6
5 1	14 56.32	−12 20.8	2.363	3.367	1.8	21.4
5 11	14 48.28	−11 29.4	2.369	3.371	2.6	21.5
5 21	14 40.70	−10 42.4	2.404	3.374	5.8	21.7
5 31	14 34.20	−10 3.5	2.465	3.377	8.8	21.9
6 10	14 29.27	− 9 35.1	2.551	3.380	11.5	22.1

499698 2010 YP_{3} 5 5.9 127.°58 4.°1/ 8.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 23.20	−27 30.0	1.950	2.752	14.8	21.1
4 11	15 16.89	−28 1.5	1.876	2.763	11.7	20.9
4 21	15 8.13	−28 19.0	1.824	2.775	8.3	20.7
5 1	14 57.73	−28 20.7	1.798	2.785	5.2	20.5
5 11	14 46.81	−28 7.3	1.799	2.796	4.2	20.5
5 21	14 36.54	−27 42.0	1.828	2.805	6.7	20.7
5 31	14 27.95	−27 10.1	1.883	2.815	10.0	20.9
6 10	14 21.74	−26 37.4	1.961	2.824	13.1	21.1

28657 Briandempsey 5 5.9 156.°49 1.°0/ 6.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 21.43	−20 24.7	1.531	2.371	16.3	19.3
4 11	15 15.94	−20 13.2	1.458	2.376	12.4	19.0
4 21	15 7.71	−19 48.9	1.407	2.380	7.9	18.8
5 1	14 57.62	−19 13.0	1.380	2.383	3.0	18.5
5 11	14 46.95	−18 29.5	1.379	2.386	2.5	18.5
5 21	14 37.02	−17 44.1	1.405	2.389	7.5	18.8
5 31	14 29.01	−17 3.2	1.455	2.391	12.0	19.0
6 10	14 23.68	−16 32.2	1.527	2.393	15.9	19.3

496995 2002 TF_{243} 5 5.9 202.°70 0.°9/ 5.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 18.52	−16 24.5	2.104	2.939	12.7	22.3
4 11	15 13.09	−15 46.6	2.017	2.935	9.5	22.1
4 21	15 5.67	−15 0.3	1.955	2.930	5.8	21.9
5 1	14 56.90	−14 8.2	1.920	2.924	2.0	21.6
5 11	14 47.69	−13 14.8	1.913	2.917	2.6	21.6
5 21	14 38.94	−12 24.5	1.935	2.910	6.5	21.8
5 31	14 31.52	−11 42.1	1.983	2.903	10.2	22.1
6 10	14 26.02	−11 11.0	2.055	2.894	13.5	22.3

94723 2001 XJ_{63} 5 5.9 153.°45 2.°5/ 4.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 21.15	−12 8.5	1.715	2.562	14.5	19.9
4 11	15 15.29	−11 34.2	1.646	2.570	10.9	19.7
4 21	15 7.10	−10 54.9	1.600	2.577	6.7	19.5
5 1	14 57.37	−10 14.4	1.580	2.583	2.9	19.3
5 11	14 47.23	− 9 37.5	1.588	2.588	4.0	19.3
5 21	14 37.77	− 9 8.9	1.623	2.593	8.0	19.6
5 31	14 29.98	− 8 52.1	1.682	2.598	12.0	19.8
6 10	14 24.50	− 8 49.2	1.763	2.601	15.4	20.1

394699 2008 CG_{208} 5 5.9 22.°94 0.°2/ 5.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.15	−17 30.2	2.068	2.910	12.6	21.1
4 11	15 9.83	−17 11.2	1.994	2.914	9.4	20.9
4 21	15 3.63	−16 44.5	1.942	2.918	5.8	20.7
5 1	14 56.22	−16 12.1	1.917	2.922	1.9	20.5
5 11	14 48.45	−15 37.5	1.920	2.926	2.1	20.5
5 21	14 41.18	−15 4.5	1.950	2.931	6.0	20.8
5 31	14 35.17	−14 36.9	2.006	2.936	9.5	21.0
6 10	14 31.01	−14 17.9	2.085	2.942	12.6	21.2

65759 1994 PA_{4} 5 5.9 239.°17 1.°5/ 4.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.97	−14 40.2	2.031	2.875	12.7	20.1
4 11	15 11.27	−14 3.8	1.946	2.869	9.5	19.9
4 21	15 4.58	−13 20.4	1.886	2.862	5.8	19.6
5 1	14 56.57	−12 33.1	1.852	2.855	2.2	19.4
5 11	14 48.10	−11 46.2	1.846	2.848	3.0	19.4
5 21	14 40.08	−11 4.3	1.867	2.841	6.8	19.6
5 31	14 33.35	−10 31.4	1.914	2.834	10.5	19.8
6 10	14 28.52	−10 10.5	1.984	2.826	13.7	20.0

428738 2008 RG_{112} 5 5.9 59.°02 1.°4/ 6.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 16.96	−21 43.4	1.822	2.657	14.4	21.0
4 11	15 12.23	−21 32.8	1.747	2.661	11.0	20.8
4 21	15 5.25	−21 10.1	1.695	2.665	7.1	20.6
5 1	14 56.79	−20 36.6	1.667	2.669	2.9	20.3
5 11	14 47.88	−19 55.6	1.667	2.673	2.3	20.3
5 21	14 39.57	−19 11.8	1.693	2.677	6.4	20.6
5 31	14 32.80	−18 30.5	1.745	2.682	10.3	20.8
6 10	14 28.22	−17 56.5	1.819	2.686	13.7	21.0

249812 2001 DW_{75} 5 5.9 138.°49 5.°6/ 2.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 18.01	− 5 25.1	1.682	2.539	14.3	20.3
4 11	15 12.91	− 4 13.6	1.620	2.545	10.9	20.1
4 21	15 5.60	− 3 2.1	1.582	2.552	7.5	19.9
5 1	14 56.89	− 1 57.4	1.569	2.558	5.6	19.8
5 11	14 47.81	− 1 6.1	1.583	2.563	6.9	19.9
5 21	14 39.42	− 0 33.0	1.622	2.568	10.1	20.1
5 31	14 32.61	− 0 20.4	1.685	2.573	13.5	20.3
6 10	14 27.99	− 0 28.1	1.768	2.578	16.5	20.5

45849 2000 SG_{98} 5 5.9 347.°09 0.°5/ 5.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.99	−18 22.9	1.371	2.229	16.8	18.9
4 11	15 12.85	−17 43.0	1.299	2.228	12.7	18.7
4 21	15 5.91	−16 49.2	1.248	2.226	7.9	18.4
5 1	14 57.07	−15 45.2	1.221	2.225	2.6	18.0
5 11	14 47.61	−14 37.5	1.219	2.225	3.1	18.1
5 21	14 38.90	−13 33.8	1.241	2.224	8.4	18.4
5 31	14 32.12	−12 41.4	1.287	2.224	13.2	18.7
6 10	14 28.04	−12 5.4	1.353	2.223	17.3	18.9

380904 2006 DF_{156} 5 5.9 223.°55 5.°9/ 9.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 22.48	−34 3.8	2.323	3.088	13.8	21.2
4 11	15 16.41	−34 46.0	2.225	3.079	11.5	21.0
4 21	15 7.96	−35 13.0	2.149	3.069	9.0	20.8
5 1	14 57.77	−35 21.8	2.097	3.060	6.8	20.6
5 11	14 46.83	−35 11.4	2.073	3.049	5.9	20.6
5 21	14 36.26	−34 43.8	2.077	3.038	7.2	20.6
5 31	14 27.10	−34 3.5	2.106	3.027	9.7	20.8
6 10	14 20.14	−33 16.9	2.160	3.015	12.3	20.9

388380 2006 UW_{225} 5 5.9 262.°40 2.°3/ 7.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 18.31	−23 21.6	2.258	3.074	12.6	21.2
4 11	15 13.06	−23 41.5	2.164	3.064	9.8	20.9
4 21	15 5.75	−23 51.9	2.093	3.054	6.6	20.7
5 1	14 57.00	−23 52.2	2.048	3.045	3.4	20.5
5 11	14 47.66	−23 43.4	2.031	3.034	2.7	20.4
5 21	14 38.67	−23 27.8	2.043	3.024	5.7	20.6
5 31	14 30.91	−23 9.1	2.081	3.014	9.1	20.8
6 10	14 25.06	−22 51.6	2.143	3.004	12.2	21.0

40513 1999 RS_{88} 5 5.9 134.°81 2.°0/ 7.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 17.93	−23 35.2	2.020	2.841	13.6	19.1
4 11	15 12.78	−23 29.0	1.942	2.846	10.5	18.9
4 21	15 5.54	−23 10.4	1.886	2.851	7.0	18.7
5 1	14 56.90	−22 40.2	1.857	2.856	3.3	18.4
5 11	14 47.83	−22 1.0	1.855	2.860	2.5	18.4
5 21	14 39.33	−21 16.9	1.881	2.865	5.9	18.6
5 31	14 32.27	−20 33.2	1.933	2.869	9.5	18.8
6 10	14 27.27	−19 54.7	2.009	2.872	12.8	19.1

93643 2000 UK_{89} 5 5.9 257.°73 3.°0/ 3.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.91	−10 17.5	2.001	2.850	12.7	20.3
4 11	15 12.06	− 9 36.6	1.910	2.834	9.6	20.1
4 21	15 5.16	− 8 51.6	1.842	2.818	6.1	19.9
5 1	14 56.81	− 8 6.4	1.802	2.801	3.2	19.6
5 11	14 47.90	− 7 25.7	1.788	2.784	4.3	19.7
5 21	14 39.37	− 6 53.9	1.803	2.767	7.9	19.8
5 31	14 32.10	− 6 34.5	1.842	2.750	11.5	20.0
6 10	14 26.77	− 6 29.7	1.903	2.732	14.8	20.2

522322 2016 BW_{102} 5 5.9 150.°27 4.°5/ 8.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 22.73	−27 33.4	1.526	2.345	17.4	21.9
4 11	15 17.19	−27 53.7	1.451	2.349	13.8	21.7
4 21	15 8.65	−27 56.1	1.396	2.353	9.8	21.4
5 1	14 58.02	−27 38.8	1.365	2.356	5.9	21.2
5 11	14 46.69	−27 3.2	1.360	2.359	4.6	21.1
5 21	14 36.12	−26 14.4	1.380	2.362	7.8	21.3
5 31	14 27.63	−25 20.0	1.425	2.365	11.9	21.6
6 10	14 22.03	−24 28.5	1.491	2.367	15.7	21.8

224538 2005 WB_{120} 5 5.9 201.°21 0.°5/ 5.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 18.98	−16 4.6	2.293	3.124	11.9	21.4
4 11	15 13.33	−15 48.4	2.205	3.120	9.0	21.2
4 21	15 5.80	−15 25.8	2.141	3.115	5.5	21.0
5 1	14 57.00	−14 58.6	2.105	3.109	1.8	20.7
5 11	14 47.76	−14 29.7	2.098	3.103	2.2	20.7
5 21	14 38.92	−14 2.5	2.120	3.097	5.9	21.0
5 31	14 31.29	−13 40.2	2.169	3.089	9.4	21.2
6 10	14 25.47	−13 26.0	2.241	3.082	12.5	21.3

499240 2009 UE_{141} 5 5.9 168°.50 1°.6/ 7.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 19.04	−23 56.0	2.572	3.378	11.5	23.1
4 11	15 13.17	−23 39.6	2.488	3.383	8.9	22.9
4 21	15 5.59	−23 12.3	2.427	3.388	5.9	22.7
5 1	14 56.90	−22 35.0	2.395	3.393	2.8	22.5
5 11	14 47.90	−21 50.1	2.391	3.396	2.1	22.5
5 21	14 39.35	−21 1.2	2.418	3.399	5.0	22.7
5 31	14 31.99	−20 12.6	2.473	3.401	8.1	22.9
6 10	14 26.33	−19 28.4	2.552	3.402	10.8	23.1

192763 1999 TW_{297} 5 5.9 144°.97 1°.4/ 4.8 18

4 1	15 16.51	−14 31.5	2.261	3.099	11.8	20.9
4 11	15 11.36	−13 52.7	2.188	3.107	8.8	20.8
4 21	15 4.50	−13 8.0	2.139	3.115	5.4	20.6
5 1	14 56.54	−12 20.4	2.118	3.122	2.0	20.3
5 11	14 48.29	−11 33.9	2.126	3.129	2.8	20.4
5 21	14 40.54	−10 52.4	2.163	3.135	6.2	20.6
5 31	14 34.01	−10 19.5	2.226	3.141	9.5	20.8
6 10	14 29.20	− 9 57.5	2.312	3.147	12.3	21.0

311428 2005 UU_{134} 5 5.9 220°.64 0°.3/ 6.2 18

4 1	15 15.23	−18 53.8	2.928	3.749	9.9	22.4
4 11	15 10.22	−18 43.1	2.831	3.740	7.5	22.3
4 21	15 3.75	−18 25.8	2.760	3.731	4.7	22.1
5 1	14 56.30	−18 3.1	2.718	3.721	1.7	21.8
5 11	14 48.50	−17 37.1	2.705	3.711	1.5	21.8
5 21	14 40.98	−17 10.1	2.721	3.701	4.6	22.0
5 31	14 34.36	−16 45.1	2.765	3.690	7.5	22.2
6 10	14 29.12	−16 24.8	2.835	3.679	10.0	22.3

89574 2001 XG_{118} 5 5.9 206°.84 4°.4/ 2.8 18

4 1	15 19.02	− 4 15.1	2.200	3.041	12.0	19.7
4 11	15 13.34	− 3 42.1	2.120	3.036	9.2	19.5
4 21	15 5.79	− 3 10.9	2.064	3.031	6.3	19.3
5 1	14 57.00	− 2 45.4	2.036	3.025	4.5	19.1
5 11	14 47.79	− 2 29.5	2.036	3.018	5.5	19.2
5 21	14 39.01	− 2 25.8	2.064	3.011	8.2	19.3
5 31	14 31.45	− 2 35.9	2.117	3.003	11.2	19.5
6 10	14 25.69	− 2 59.8	2.192	2.995	13.9	19.7

282562 2004 XO_{66} 5 5.9 61°.57 4°.1/ 3.6 17

4 1	15 18.26	− 6 24.9	1.792	2.645	13.7	20.1
4 11	15 13.00	− 6 2.5	1.730	2.654	10.4	19.9
4 21	15 5.64	− 5 41.3	1.691	2.664	6.8	19.7
5 1	14 56.94	− 5 25.4	1.678	2.674	4.2	19.5
5 11	14 47.89	− 5 18.5	1.692	2.683	5.2	19.6
5 21	14 39.48	− 5 23.1	1.732	2.693	8.4	19.8
5 31	14 32.58	− 5 40.6	1.797	2.703	11.8	20.1
6 10	14 27.78	− 6 11.1	1.883	2.713	14.9	20.3

497556 2006 DQ_{105} 5 5.9 300°.75 2°.9/ 3.8 17

4 1	15 15.45	−11 9.4	1.846	2.701	13.3	21.5
4 11	15 10.99	−10 23.2	1.771	2.699	10.0	21.2
4 21	15 4.47	− 9 32.3	1.719	2.696	6.3	21.0
5 1	14 56.57	− 8 41.2	1.694	2.694	3.2	20.8
5 11	14 48.25	− 7 55.0	1.695	2.692	4.3	20.9
5 21	14 40.45	− 7 18.4	1.723	2.690	7.9	21.1
5 31	14 34.04	− 6 55.2	1.775	2.688	11.6	21.3
6 10	14 29.63	− 6 47.2	1.849	2.686	14.8	21.5

93867 2000 WQ_{115} 5 5.9 275°.67 2°.7/ 4.6 18

4 1	15 20.80	− 8 58.5	1.860	2.706	13.6	18.7
4 11	15 15.17	− 9 0.9	1.772	2.693	10.3	18.5
4 21	15 7.20	− 9 3.3	1.706	2.681	6.6	18.2
5 1	14 57.56	− 9 8.3	1.667	2.668	3.1	18.0
5 11	14 47.23	− 9 18.4	1.655	2.655	4.0	18.0
5 21	14 37.31	− 9 35.7	1.671	2.642	7.8	18.2
5 31	14 28.80	−10 2.1	1.712	2.629	11.8	18.4
6 10	14 22.47	−10 38.3	1.776	2.615	15.2	18.6

61840 2000 QL_{198} 5 5.9 160°.37 2°.5/ 4.0 18

4 1	15 17.12	−11 43.5	1.978	2.825	12.9	19.6
4 11	15 12.07	−11 0.0	1.905	2.829	9.6	19.4
4 21	15 5.06	−10 11.8	1.856	2.832	6.0	19.2
5 1	14 56.78	− 9 23.0	1.833	2.834	2.8	19.0
5 11	14 48.12	− 8 38.2	1.839	2.837	3.9	19.0
5 21	14 40.01	− 8 1.7	1.872	2.839	7.4	19.3
5 31	14 33.25	− 7 37.2	1.930	2.841	10.9	19.5
6 10	14 28.43	− 7 26.4	2.011	2.843	14.0	19.7

359998 2012 XV_{7} 5 5.9 83°.19 1°.1/ 5.3 18

4 1	15 18.80	−12 56.0	2.176	3.014	12.2	20.0
4 11	15 13.19	−13 2.3	2.103	3.021	9.1	19.8
4 21	15 5.70	−13 5.8	2.054	3.029	5.6	19.6
5 1	14 56.99	−13 7.8	2.033	3.037	2.0	19.4
5 11	14 47.90	−13 10.4	2.040	3.044	2.5	19.4
5 21	14 39.31	−13 15.7	2.076	3.052	6.1	19.7
5 31	14 32.00	−13 25.6	2.138	3.059	9.5	19.9
6 10	14 26.53	−13 41.8	2.223	3.067	12.4	20.1

122639 2000 RN_{82} 5 5.9 170°.40 6°.2/10.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 21.21	−36 12.7	2.216	2.976	14.5	20.6
4 11	15 15.41	−36 32.6	2.130	2.979	12.2	20.4
4 21	15 7.28	−36 33.6	2.065	2.981	9.6	20.3
5 1	14 57.55	−36 13.4	2.024	2.983	7.2	20.1
5 11	14 47.31	−35 32.5	2.010	2.985	6.2	20.1
5 21	14 37.65	−34 34.2	2.023	2.986	7.2	20.1
5 31	14 29.57	−33 24.7	2.062	2.987	9.6	20.3
6 10	14 23.76	−32 11.6	2.125	2.987	12.2	20.4

114345 2002 XN_{72} 5 5.9 289°.64 2°.7/10.1 18

4 1	15 9.10	−32 27.4	4.463	5.225	7.7	19.4
4 11	15 5.32	−32 20.5	4.363	5.220	6.2	19.3
4 21	15 0.58	−32 4.6	4.288	5.216	4.7	19.2
5 1	14 55.23	−31 39.8	4.240	5.211	3.3	19.0
5 11	14 49.69	−31 7.1	4.221	5.206	2.7	19.0
5 21	14 44.38	−30 28.2	4.231	5.202	3.5	19.1
5 31	14 39.67	−29 45.3	4.269	5.197	5.0	19.2
6 10	14 35.90	−29 1.2	4.334	5.192	6.6	19.3

138593 2000 QH_{160} 5 5.9 171°.04 4°.3/30.9 18

4 1	15 13.21	− 2 19.2	3.062	3.900	9.0	20.8
4 11	15 8.49	− 1 12.4	2.992	3.904	7.0	20.7
4 21	15 2.57	− 0 7.3	2.949	3.907	5.1	20.5
5 1	14 55.90	+ 0 52.4	2.935	3.910	4.3	20.5
5 11	14 49.03	+ 1 42.7	2.950	3.912	5.2	20.5
5 21	14 42.49	+ 2 21.2	2.993	3.914	7.0	20.7
5 31	14 36.77	+ 2 45.9	3.062	3.915	9.1	20.8
6 10	14 32.27	+ 2 56.7	3.153	3.916	10.9	20.9

392177 2009 KM_{19} 5 5.9 252°.24 7°.4/28.9 16

4 1	15 14.14	+ 6 31.3	2.455	3.288	11.2	20.8
4 11	15 9.53	+ 7 33.7	2.386	3.280	9.3	20.7
4 21	15 3.37	+ 8 28.1	2.341	3.272	7.8	20.6
5 1	14 56.21	+ 9 9.3	2.322	3.264	7.5	20.5
5 11	14 48.72	+ 9 32.9	2.330	3.256	8.4	20.6
5 21	14 41.62	+ 9 36.9	2.362	3.248	10.2	20.7
5 31	14 35.54	+ 9 20.8	2.417	3.239	12.2	20.8
6 10	14 30.96	+ 8 46.1	2.493	3.231	14.1	20.9

98365 2000 SK_{367} 5 5.9 71°.96 4°.0/ 8.5 18

4 1	15 19.83	−28 11.2	1.409	2.236	18.2	19.1
4 11	15 15.00	−28 2.7	1.345	2.248	14.3	18.9
4 21	15 7.24	−27 32.6	1.301	2.261	10.0	18.7
5 1	14 57.56	−26 40.9	1.280	2.273	5.7	18.5
5 11	14 47.40	−25 31.9	1.284	2.286	4.2	18.4
5 21	14 38.21	−24 13.2	1.313	2.298	7.6	18.6
5 31	14 31.17	−22 54.2	1.366	2.311	11.9	18.9
6 10	14 26.99	−21 43.5	1.440	2.323	15.7	19.2

369880 2012 LO_{26} 5 5.9 296°.73 10°.9/28.3 17

4 1	15 16.96	+ 8 6.1	1.618	2.464	15.3	20.3
4 11	15 12.45	+ 9 27.2	1.550	2.449	13.0	20.2
4 21	15 5.56	+10 36.5	1.503	2.435	11.3	20.0
5 1	14 57.01	+11 24.7	1.480	2.421	10.9	20.0
5 11	14 47.89	+11 44.7	1.479	2.406	12.2	20.0
5 21	14 39.31	+11 33.3	1.501	2.392	14.5	20.1
5 31	14 32.27	+10 50.9	1.543	2.379	17.2	20.2
6 10	14 27.52	+ 9 41.2	1.602	2.365	19.8	20.4

269781 1999 TN_{145} 5 5.9 300°.33 4°.2/ 7.8 17

4 1	15 20.99	−25 13.0	1.740	2.560	15.5	19.7
4 11	15 15.93	−26 2.9	1.641	2.541	12.4	19.4
4 21	15 8.04	−26 42.1	1.564	2.522	8.8	19.2
5 1	14 57.96	−27 7.7	1.512	2.503	5.3	18.9
5 11	14 46.83	−27 18.8	1.486	2.485	4.5	18.8
5 21	14 35.96	−27 16.6	1.486	2.466	7.6	19.0
5 31	14 26.69	−27 5.6	1.511	2.448	11.6	19.1
6 10	14 20.01	−26 51.8	1.558	2.430	15.4	19.3

156291 2001 WM_{38} 5 5.9 146°.53 2°.1/ 4.4 17

4 1	15 18.16	−12 33.2	2.045	2.889	12.7	20.2
4 11	15 12.77	−11 57.7	1.975	2.896	9.4	20.0
4 21	15 5.46	−11 17.5	1.928	2.903	5.8	19.8
5 1	14 56.92	−10 36.0	1.908	2.910	2.5	19.6
5 11	14 48.05	− 9 57.3	1.916	2.916	3.4	19.7
5 21	14 39.73	− 9 25.4	1.952	2.922	6.9	19.9
5 31	14 32.76	− 9 3.6	2.015	2.928	10.4	20.1
6 10	14 27.70	− 8 53.9	2.099	2.933	13.4	20.3

93330 2000 SP_{230} 5 5.9 300°.71 3°.3/ 7.4 18

4 1	15 22.47	−22 44.8	1.724	2.549	15.4	18.9
4 11	15 16.90	−23 36.2	1.635	2.540	12.1	18.6
4 21	15 8.54	−24 18.6	1.568	2.531	8.3	18.4
5 1	14 58.10	−24 49.6	1.526	2.522	4.5	18.1
5 11	14 46.74	−25 8.6	1.511	2.513	3.8	18.0
5 21	14 35.78	−25 16.7	1.523	2.504	7.3	18.2
5 31	14 26.48	−25 18.1	1.560	2.496	11.3	18.5
6 10	14 19.78	−25 17.8	1.619	2.488	15.1	18.7

311241 2005 CD_{57} 5 5.9 111°.99 0°.2/ 5.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 21.73	−18 1.7	1.700	2.538	15.1	21.5
4 11	15 15.73	−17 36.7	1.639	2.557	11.3	21.3
4 21	15 7.38	−17 1.8	1.600	2.575	7.0	21.1
5 1	14 57.56	−16 19.7	1.588	2.592	2.3	20.8
5 11	14 47.44	−15 34.7	1.603	2.609	2.5	20.9
5 21	14 38.13	−14 52.0	1.645	2.625	7.0	21.2
5 31	14 30.58	−14 16.6	1.713	2.641	11.0	21.5
6 10	14 25.41	−13 52.3	1.803	2.656	14.4	21.7

379920 2012 KQ_{11} 5 5.9 293°.04 2°.2/ 4.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.62	−13 13.3	1.644	2.501	14.6	20.5
4 11	15 12.40	−12 39.9	1.551	2.479	11.0	20.2
4 21	15 5.68	−11 59.1	1.479	2.457	6.9	19.9
5 1	14 57.12	−11 14.4	1.432	2.435	2.8	19.6
5 11	14 47.77	−10 31.2	1.412	2.414	3.9	19.6
5 21	14 38.80	− 9 54.8	1.417	2.392	8.5	19.8
5 31	14 31.32	− 9 30.4	1.446	2.370	12.9	20.0
6 10	14 26.18	− 9 21.1	1.496	2.349	16.9	20.2

337475 2001 SF_{25} 5 5.9 105°.66 1°.5/ 7.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 17.80	−22 38.1	2.539	3.351	11.4	21.0
4 11	15 12.20	−22 35.0	2.471	3.371	8.7	20.8
4 21	15 4.97	−22 22.6	2.427	3.390	5.7	20.6
5 1	14 56.74	−22 1.8	2.410	3.409	2.6	20.5
5 11	14 48.27	−21 34.5	2.423	3.428	2.0	20.4
5 21	14 40.30	−21 3.9	2.464	3.446	4.9	20.7
5 31	14 33.53	−20 33.5	2.534	3.464	7.8	20.9
6 10	14 28.41	−20 6.7	2.628	3.481	10.4	21.1

500833 2013 GD_{137} 5 5.9 21°.09 0°.1/ 5.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.48	−14 8.7	34.857	35.688	0.9	23.9
4 11	14 54.72	−14 4.7	34.773	35.689	0.7	23.9
4 21	14 53.88	−14 0.4	34.716	35.690	0.4	23.9
5 1	14 52.99	−13 56.0	34.687	35.691	0.1	23.8
5 11	14 52.08	−13 51.6	34.689	35.693	0.2	23.8
5 21	14 51.19	−13 47.4	34.719	35.694	0.4	23.9
5 31	14 50.36	−13 43.6	34.778	35.695	0.7	23.9
6 10	14 49.60	−13 40.2	34.863	35.697	0.9	23.9

106551 2000 WT_{72} 5 5.9 143°.87 1°.9/ 7.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 17.14	−23 3.4	2.489	3.302	11.6	20.0
4 11	15 11.90	−23 13.7	2.406	3.306	9.0	19.8
4 21	15 4.91	−23 15.0	2.347	3.309	6.0	19.6
5 1	14 56.76	−23 7.3	2.315	3.312	2.9	19.4
5 11	14 48.21	−22 52.0	2.311	3.315	2.3	19.4
5 21	14 40.08	−22 31.7	2.337	3.318	5.1	19.6
5 31	14 33.08	−22 9.8	2.389	3.321	8.1	19.8
6 10	14 27.78	−21 49.9	2.466	3.324	10.9	19.9

253156 2002 VJ_{109} 5 5.9 56°.99 4°.5/ 4.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 22.88	− 5 40.7	1.429	2.286	16.3	18.9
4 11	15 16.74	− 5 34.5	1.382	2.308	12.3	18.8
4 21	15 8.03	− 5 31.6	1.358	2.331	8.0	18.6
5 1	14 57.78	− 5 35.9	1.358	2.354	4.8	18.4
5 11	14 47.27	− 5 50.6	1.384	2.377	5.7	18.5
5 21	14 37.75	− 6 17.0	1.435	2.401	9.4	18.8
5 31	14 30.22	− 6 55.7	1.510	2.424	13.2	19.1
6 10	14 25.29	− 7 45.6	1.606	2.448	16.5	19.4

174107 2002 JZ_{53} 5 5.9 332°.54 1°.1/ 6.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.24	−20 27.4	1.286	2.145	17.7	20.2
4 11	15 12.68	−20 19.0	1.209	2.137	13.6	19.9
4 21	15 6.07	−19 55.8	1.152	2.129	8.7	19.6
5 1	14 57.28	−19 19.3	1.118	2.121	3.4	19.3
5 11	14 47.65	−18 33.8	1.107	2.114	2.8	19.2
5 21	14 38.69	−17 45.9	1.121	2.108	8.3	19.5
5 31	14 31.75	−17 3.1	1.157	2.103	13.4	19.8
6 10	14 27.73	−16 31.8	1.212	2.098	17.9	20.1

418074 2007 VT_{235} 5 5.9 238°.20 1°.3/ 5.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 21.46	−14 2.1	1.711	2.556	14.7	21.8
4 11	15 15.89	−13 54.5	1.624	2.546	11.1	21.6
4 21	15 7.76	−13 41.3	1.559	2.535	6.9	21.3
5 1	14 57.80	−13 24.5	1.520	2.524	2.4	21.0
5 11	14 47.11	−13 7.5	1.508	2.513	3.1	21.0
5 21	14 36.88	−12 54.0	1.523	2.501	7.7	21.3
5 31	14 28.25	−12 47.9	1.563	2.488	12.1	21.5
6 10	14 22.03	−12 52.1	1.625	2.476	15.9	21.7

115455 2003 TL_{12} 5 5.9 236°.52 13°.8/17.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 33.97	−58 39.1	2.416	2.999	17.3	19.1
4 11	15 26.98	−60 18.4	2.329	2.992	16.4	19.0
4 21	15 15.62	−61 34.1	2.256	2.984	15.3	18.9
5 1	15 0.69	−62 18.0	2.201	2.976	14.4	18.8
5 11	14 43.99	−62 24.5	2.165	2.968	13.9	18.7
5 21	14 27.83	−61 52.8	2.148	2.959	13.8	18.7
5 31	14 14.43	−60 47.8	2.152	2.951	14.2	18.7
6 10	14 5.21	−59 18.9	2.174	2.942	15.1	18.8

280389 2003 UF_{182} 5 5.9 227°.32 1°.2/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 16.05	−15 14.3	2.184	3.024	12.1	21.3
4 11	15 11.24	−14 39.4	2.097	3.017	9.1	21.1
4 21	15 4.58	−13 57.5	2.035	3.010	5.6	20.9
5 1	14 56.67	−13 11.4	1.999	3.003	2.0	20.6
5 11	14 48.33	−12 25.0	1.992	2.996	2.7	20.7
5 21	14 40.40	−11 42.5	2.013	2.988	6.4	20.9
5 31	14 33.68	−11 8.0	2.060	2.980	9.9	21.1
6 10	14 28.74	−10 44.4	2.130	2.971	13.0	21.3

500834 2013 GK_{137} 5 5.9 164°.73 0°.0/ 5.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.03	−16 47.5	45.138	45.962	0.7	23.9
4 11	14 54.39	−16 45.0	45.052	45.963	0.5	23.9
4 21	14 53.68	−16 42.3	44.992	45.964	0.3	23.9
5 1	14 52.94	−16 39.4	44.961	45.965	0.1	23.8
5 11	14 52.18	−16 36.4	44.960	45.966	0.1	23.8
5 21	14 51.43	−16 33.5	44.988	45.967	0.3	23.9
5 31	14 50.73	−16 30.7	45.044	45.968	0.5	23.9
6 10	14 50.09	−16 28.2	45.126	45.969	0.7	23.9

488467 1998 QE_{58} 5 5.9 197°.31 0°.7/ 5.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.55	−16 5.9	2.662	3.491	10.5	23.0
4 11	15 11.29	−15 38.2	2.573	3.487	7.9	22.8
4 21	15 4.46	−15 4.4	2.510	3.483	4.8	22.6
5 1	14 56.61	−14 26.5	2.474	3.478	1.6	22.4
5 11	14 48.42	−13 47.5	2.469	3.473	2.0	22.4
5 21	14 40.58	−13 10.5	2.492	3.467	5.3	22.6
5 31	14 33.76	−12 39.0	2.544	3.461	8.3	22.8
6 10	14 28.45	−12 15.3	2.619	3.454	11.0	23.0

214651 2006 SK_{75} 5 5.9 314°.01 3°.6/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.12	− 9 29.0	2.041	2.897	12.2	20.2
4 11	15 9.10	− 8 25.5	1.964	2.891	9.1	20.0
4 21	15 3.27	− 7 18.1	1.910	2.885	5.9	19.8
5 1	14 56.23	− 6 11.7	1.883	2.880	3.6	19.6
5 11	14 48.81	− 5 12.0	1.884	2.874	4.8	19.7
5 21	14 41.83	− 4 23.7	1.911	2.869	8.0	19.9
5 31	14 36.06	− 3 50.5	1.964	2.864	11.3	20.0
6 10	14 32.06	− 3 34.0	2.037	2.860	14.2	20.2

269651 1994 GS_{7} 5 5.9 150°.20 5°.0/30.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 17.25	− 5 28.7	2.360	3.202	11.2	21.0
4 11	15 11.76	− 3 32.9	2.296	3.212	8.6	20.8
4 21	15 4.69	− 1 35.7	2.259	3.222	6.1	20.7
5 1	14 56.66	+ 0 16.2	2.252	3.231	5.0	20.6
5 11	14 48.41	+ 1 56.0	2.275	3.239	6.3	20.7
5 21	14 40.68	+ 3 18.4	2.326	3.247	8.8	20.9
5 31	14 34.11	+ 4 20.4	2.403	3.254	11.3	21.1
6 10	14 29.17	+ 5 1.2	2.502	3.260	13.6	21.2

502951 2015 EU_{59} 5 5.9 86°.39 4°.0/ 8.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 23.03	−27 0.1	1.960	2.763	14.7	21.0
4 11	15 16.73	−27 38.8	1.893	2.782	11.6	20.8
4 21	15 8.07	−28 4.2	1.849	2.800	8.2	20.6
5 1	14 57.85	−28 14.4	1.831	2.818	5.1	20.5
5 11	14 47.19	−28 10.1	1.840	2.836	4.2	20.5
5 21	14 37.20	−27 54.1	1.877	2.854	6.5	20.6
5 31	14 28.88	−27 31.2	1.939	2.871	9.7	20.9
6 10	14 22.90	−27 7.0	2.026	2.889	12.7	21.1

106789 2000 XZ_{22} 5 5.9 91°.58 1°.4/ 6.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 22.60	−19 45.2	1.938	2.764	14.0	19.8
4 11	15 16.26	−20 7.5	1.874	2.782	10.6	19.7
4 21	15 7.70	−20 21.5	1.832	2.801	6.8	19.5
5 1	14 57.71	−20 27.1	1.817	2.819	2.8	19.2
5 11	14 47.35	−20 25.7	1.831	2.837	2.3	19.2
5 21	14 37.66	−20 20.0	1.872	2.854	6.1	19.5
5 31	14 29.56	−20 13.7	1.940	2.872	9.7	19.8
6 10	14 23.68	−20 10.4	2.032	2.889	12.9	20.0

501185 2013 TW_{108} 5 5.9 183°.56 1°.0/ 5.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 17.55	−15 40.8	2.457	3.287	11.2	22.7
4 11	15 12.11	−15 4.0	2.373	3.288	8.4	22.5
4 21	15 5.00	−14 20.7	2.314	3.288	5.1	22.3
5 1	14 56.80	−13 33.2	2.283	3.287	1.8	22.1
5 11	14 48.26	−12 45.3	2.282	3.286	2.4	22.1
5 21	14 40.16	−12 0.7	2.310	3.284	5.8	22.4
5 31	14 33.17	−11 23.1	2.366	3.281	9.0	22.6
6 10	14 27.83	−10 55.2	2.445	3.278	11.8	22.7

395629 2011 VZ_{11} 5 5.9 242°.41 1°.9/ 4.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.98	−10 51.4	2.538	3.377	10.6	21.3
4 11	15 10.95	−10 38.6	2.450	3.370	8.0	21.1
4 21	15 4.31	−10 23.8	2.387	3.362	5.0	20.9
5 1	14 56.58	−10 9.0	2.352	3.354	2.2	20.7
5 11	14 48.47	− 9 56.9	2.346	3.346	2.9	20.8
5 21	14 40.68	− 9 49.9	2.368	3.337	6.0	21.0
5 31	14 33.90	− 9 49.9	2.418	3.329	9.0	21.1
6 10	14 28.65	− 9 58.4	2.490	3.320	11.7	21.3

41103 1999 VE_{67} 5 5.9 244.°49 0.°0/ 5.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 13.95	−18 56.0	2.820	3.645	10.1	19.6
4 11	15 9.36	−18 23.3	2.719	3.630	7.6	19.4
4 21	15 3.30	−17 42.7	2.644	3.616	4.8	19.2
5 1	14 56.25	−16 55.9	2.597	3.601	1.6	19.0
5 11	14 48.84	−16 5.8	2.579	3.586	1.6	18.9
5 21	14 41.71	−15 15.9	2.591	3.570	4.9	19.1
5 31	14 35.50	−14 29.8	2.631	3.554	7.9	19.3
6 10	14 30.68	−13 50.7	2.695	3.538	10.5	19.5

206362 2003 QF_{56} 5 5.9 240.°94 5.°4/ 9.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 21.93	−32 33.0	2.331	3.104	13.5	20.3
4 11	15 16.04	−33 12.3	2.229	3.090	11.2	20.1
4 21	15 7.82	−33 37.4	2.148	3.076	8.6	19.9
5 1	14 57.87	−33 45.5	2.093	3.062	6.3	19.7
5 11	14 47.15	−33 35.9	2.065	3.047	5.5	19.6
5 21	14 36.73	−33 10.3	2.065	3.031	6.9	19.7
5 31	14 27.66	−32 33.1	2.092	3.015	9.5	19.8
6 10	14 20.72	−31 50.4	2.142	2.999	12.3	20.0

430922 2005 TV_{58} 5 5.9 145.°12 1.°4/ 4.7 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 18.25	−14 24.6	2.432	3.264	11.3	22.7
4 11	15 12.53	−13 42.2	2.361	3.277	8.4	22.5
4 21	15 5.20	−12 54.1	2.315	3.290	5.1	22.3
5 1	14 56.86	−12 3.4	2.298	3.302	2.0	22.1
5 11	14 48.29	−11 14.0	2.311	3.313	2.7	22.2
5 21	14 40.23	−10 29.7	2.353	3.323	5.9	22.4
5 31	14 33.35	− 9 53.7	2.422	3.332	9.0	22.6
6 10	14 28.13	− 9 28.4	2.515	3.341	11.7	22.8

366578 2002 TQ_{82} 5 5.9 228.°59 0.°3/ 6.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 19.79	−19 10.5	2.011	2.841	13.4	22.4
4 11	15 14.35	−18 54.0	1.917	2.830	10.2	22.1
4 21	15 6.68	−18 27.5	1.846	2.818	6.4	21.9
5 1	14 57.46	−17 52.5	1.802	2.805	2.3	21.6
5 11	14 47.62	−17 12.1	1.786	2.792	2.1	21.5
5 21	14 38.20	−16 30.5	1.798	2.779	6.4	21.8
5 31	14 30.16	−15 52.8	1.836	2.764	10.4	22.0
6 10	14 24.21	−15 23.1	1.898	2.750	13.9	22.2

221997 1998 AD_{1} 5 5.9 226.°74 6.°8/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 18.45	+ 2 11.0	2.166	3.004	12.2	20.4
4 11	15 13.00	+ 3 7.0	2.088	2.994	9.8	20.2
4 21	15 5.67	+ 3 57.5	2.034	2.983	7.7	20.1
5 1	14 57.08	+ 4 36.7	2.006	2.971	6.8	20.0
5 11	14 48.04	+ 5 0.0	2.006	2.959	7.9	20.0
5 21	14 39.42	+ 5 4.3	2.031	2.946	10.2	20.1
5 31	14 32.00	+ 4 48.8	2.081	2.933	12.8	20.3
6 10	14 26.37	+ 4 14.5	2.151	2.919	15.2	20.4

307215 2002 GM_{66} 5 5.9 92.°37 0.°9/ 5.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 21.60	−15 35.5	1.493	2.343	16.1	20.3
4 11	15 15.97	−15 21.3	1.433	2.357	12.1	20.1
4 21	15 7.71	−14 59.3	1.394	2.371	7.4	19.8
5 1	14 57.77	−14 32.2	1.381	2.385	2.5	19.6
5 11	14 47.41	−14 4.2	1.393	2.399	3.0	19.6
5 21	14 37.90	−13 40.0	1.432	2.413	7.8	19.9
5 31	14 30.32	−13 24.0	1.496	2.426	12.1	20.2
6 10	14 25.34	−13 19.4	1.580	2.439	15.8	20.5

422913 2002 RE_{260} 5 5.9 170.°36 1.°0/ 5.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 19.28	−15 55.0	1.918	2.757	13.5	22.3
4 11	15 13.84	−15 24.2	1.841	2.760	10.1	22.1
4 21	15 6.27	−14 45.5	1.788	2.763	6.2	21.9
5 1	14 57.28	−14 1.7	1.761	2.765	2.1	21.6
5 11	14 47.87	−13 17.1	1.762	2.767	2.7	21.6
5 21	14 39.03	−12 36.3	1.791	2.768	6.8	21.9
5 31	14 31.65	−12 3.7	1.846	2.769	10.7	22.1
6 10	14 26.35	−11 42.4	1.924	2.769	14.0	22.3

350273 2012 TR_{215} 5 5.9 84.°00 0.°0/ 5.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.07	−18 43.5	2.229	3.062	12.1	21.0
4 11	15 11.08	−18 17.9	2.165	3.079	9.1	20.8
4 21	15 4.37	−17 44.0	2.124	3.097	5.6	20.6
5 1	14 56.60	−17 4.1	2.111	3.115	1.9	20.4
5 11	14 48.60	−16 21.6	2.125	3.132	1.9	20.4
5 21	14 41.16	−15 40.3	2.169	3.149	5.5	20.7
5 31	14 34.98	−15 4.3	2.239	3.166	8.8	21.0
6 10	14 30.56	−14 36.5	2.332	3.183	11.7	21.2

97290 1999 XK_{167} 5 5.9 172.°38 2.°8/ 8.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 18.45	−28 15.4	2.662	3.451	11.6	20.0
4 11	15 12.81	−28 5.7	2.574	3.455	9.2	19.9
4 21	15 5.45	−27 43.2	2.510	3.458	6.5	19.7
5 1	14 56.99	−27 8.0	2.472	3.461	3.8	19.5
5 11	14 48.19	−26 22.0	2.464	3.463	2.9	19.5
5 21	14 39.83	−25 28.7	2.485	3.464	5.0	19.6
5 31	14 32.64	−24 32.4	2.534	3.465	7.8	19.8
6 10	14 27.14	−23 38.2	2.608	3.465	10.4	19.9

313063 2000 SM_{103} 5 5.9 235.°01 0.°7/ 6.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 20.83	−20 1.2	1.796	2.629	14.6	21.7
4 11	15 15.42	−19 46.4	1.703	2.616	11.2	21.4
4 21	15 7.50	−19 20.1	1.632	2.603	7.2	21.2
5 1	14 57.78	−18 43.3	1.586	2.589	2.7	20.9
5 11	14 47.33	−17 59.3	1.568	2.575	2.3	20.8
5 21	14 37.33	−17 12.9	1.578	2.560	7.0	21.0
5 31	14 28.88	−16 30.1	1.613	2.544	11.3	21.3
6 10	14 22.80	−15 56.1	1.670	2.528	15.2	21.5

415726 1999 TC_{305} 5 5.9 203.°07 0.°3/ 5.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 19.69	−17 54.7	2.012	2.844	13.3	22.2
4 11	15 14.17	−17 25.4	1.925	2.840	10.0	21.9
4 21	15 6.51	−16 46.6	1.861	2.835	6.2	21.7
5 1	14 57.39	−16 0.5	1.825	2.829	2.1	21.4
5 11	14 47.78	−15 10.9	1.817	2.823	2.3	21.4
5 21	14 38.65	−14 22.7	1.837	2.816	6.5	21.7
5 31	14 30.92	−13 40.8	1.884	2.808	10.4	21.9
6 10	14 25.24	−13 9.0	1.953	2.799	13.8	22.1

189063 2000 VZ_{57} 5 5.9 203.°78 1.°4/ 7.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 18.47	−22 35.8	2.437	3.250	11.8	21.2
4 11	15 12.98	−22 22.1	2.344	3.245	9.1	21.0
4 21	15 5.65	−21 57.9	2.275	3.239	5.9	20.8
5 1	14 57.09	−21 24.2	2.233	3.233	2.6	20.6
5 11	14 48.10	−20 43.1	2.220	3.226	2.0	20.5
5 21	14 39.50	−19 58.4	2.237	3.218	5.3	20.7
5 31	14 32.07	−19 14.3	2.281	3.210	8.6	20.9
6 10	14 26.40	−18 35.1	2.349	3.201	11.6	21.1

244991 2004 BD_{119} 5 5.9 86.°62 2.°7/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 17.28	−25 28.2	2.097	2.911	13.4	20.5
4 11	15 12.36	−25 31.9	2.017	2.915	10.5	20.3
4 21	15 5.37	−25 22.9	1.960	2.919	7.2	20.1
5 1	14 57.01	−25 1.1	1.929	2.923	3.9	19.9
5 11	14 48.21	−24 28.6	1.925	2.928	3.0	19.9
5 21	14 39.93	−23 49.1	1.949	2.932	5.8	20.0
5 31	14 33.03	−23 7.5	1.999	2.936	9.2	20.3
6 10	14 28.14	−22 28.9	2.072	2.940	12.3	20.5

344493 2002 QJ_{85} 5 5.9 297.°53 1.°0/ 6.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.77	−20 55.0	1.863	2.700	14.0	21.3
4 11	15 11.57	−20 40.6	1.768	2.683	10.7	21.1
4 21	15 5.09	−20 14.3	1.695	2.667	6.9	20.8
5 1	14 56.98	−19 37.3	1.647	2.650	2.7	20.5
5 11	14 48.21	−18 52.8	1.627	2.634	2.2	20.4
5 21	14 39.83	−18 5.5	1.633	2.617	6.5	20.7
5 31	14 32.85	−17 20.9	1.664	2.601	10.7	20.9
6 10	14 28.02	−16 44.2	1.718	2.585	14.4	21.0

49592 1999 DD_{7} 5 5.9 165.°18 4.°3/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 19.67	−29 1.9	2.223	3.017	13.4	18.7
4 11	15 14.21	−29 34.1	2.137	3.018	10.8	18.5
4 21	15 6.58	−29 53.3	2.075	3.019	7.9	18.3
5 1	14 57.45	−29 57.6	2.037	3.019	5.2	18.2
5 11	14 47.76	−29 47.5	2.028	3.020	4.4	18.1
5 21	14 38.51	−29 25.3	2.045	3.020	6.3	18.2
5 31	14 30.64	−28 55.5	2.089	3.021	9.1	18.4
6 10	14 24.83	−28 23.3	2.157	3.021	12.0	18.6

264482 2001 OZ_{30} 5 5.9 277.°73 0.°9/ 6.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 19.80	−18 55.6	1.672	2.513	15.1	20.9
4 11	15 14.85	−19 3.8	1.583	2.501	11.6	20.6
4 21	15 7.26	−19 2.8	1.516	2.489	7.4	20.3
5 1	14 57.75	−18 53.2	1.473	2.477	2.8	20.0
5 11	14 47.44	−18 37.1	1.458	2.464	2.4	19.9
5 21	14 37.58	−18 18.1	1.468	2.452	7.2	20.2
5 31	14 29.33	−18 1.1	1.504	2.440	11.7	20.4
6 10	14 23.56	−17 50.6	1.561	2.428	15.6	20.6

300972 2008 EY_{45} 5 5.9 157.°89 1.°6/ 4.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.56	−13 26.2	2.977	3.811	9.4	21.2
4 11	15 8.85	−12 30.7	2.899	3.817	6.9	21.0
4 21	15 2.88	−11 30.6	2.849	3.823	4.3	20.9
5 1	14 56.13	−10 28.9	2.827	3.829	1.9	20.7
5 11	14 49.17	− 9 29.3	2.835	3.834	2.6	20.8
5 21	14 42.58	− 8 35.0	2.873	3.839	5.3	20.9
5 31	14 36.87	− 7 49.1	2.939	3.843	7.8	21.1
6 10	14 32.44	− 7 13.8	3.029	3.847	10.1	21.3

499787 2011 CF_{53} 5 5.9 72.°65 2.°2/ 4.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 17.72	−12 41.7	1.674	2.528	14.5	21.2
4 11	15 12.85	−12 9.0	1.610	2.537	10.8	21.0
4 21	15 5.72	−11 31.0	1.567	2.545	6.7	20.8
5 1	14 57.14	−10 51.6	1.551	2.553	2.8	20.6
5 11	14 48.16	−10 15.7	1.560	2.562	3.8	20.7
5 21	14 39.85	− 9 47.7	1.597	2.570	7.8	20.9
5 31	14 33.15	− 9 31.2	1.657	2.579	11.7	21.2
6 10	14 28.67	− 9 28.4	1.739	2.587	15.1	21.4

499206 2009 UJ_{11} 5 5.9 247°.53 0°.8/ 5.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 19.77	−14 56.5	1.831	2.674	13.9	21.9
4 11	15 14.49	−14 51.6	1.745	2.665	10.5	21.7
4 21	15 6.86	−14 40.9	1.681	2.657	6.5	21.4
5 1	14 57.58	−14 26.0	1.644	2.648	2.2	21.1
5 11	14 47.66	−14 10.1	1.634	2.639	2.7	21.2
5 21	14 38.19	−13 56.4	1.651	2.630	7.1	21.4
5 31	14 30.20	−13 48.7	1.694	2.621	11.2	21.6
6 10	14 24.41	−13 49.9	1.758	2.611	14.8	21.8

8109 Danielwilliam 5 5.9 58°.97 18°.6/27.9 18 R

4 1	15 24.22	+25 14.7	1.308	2.100	21.2	17.3
4 11	15 17.85	+26 44.4	1.294	2.121	19.7	17.3
4 21	15 8.71	+27 37.5	1.297	2.142	18.7	17.3
5 1	14 58.05	+27 45.1	1.316	2.164	18.6	17.3
5 11	14 47.39	+27 4.4	1.354	2.185	19.2	17.4
5 21	14 38.09	+25 39.1	1.408	2.207	20.3	17.6
5 31	14 31.12	+23 37.0	1.479	2.229	21.7	17.7
6 10	14 26.98	+21 8.5	1.564	2.251	23.0	17.9

497661 2006 RW_{75} 5 5.9 239°.25 0°.9/ 6.5 17

4 1	15 20.32	−19 52.9	1.804	2.638	14.5	22.6
4 11	15 15.03	−19 48.6	1.714	2.628	11.1	22.4
4 21	15 7.27	−19 33.8	1.645	2.617	7.1	22.1
5 1	14 57.74	−19 9.3	1.603	2.606	2.7	21.8
5 11	14 47.51	−18 37.9	1.587	2.594	2.3	21.7
5 21	14 37.72	−18 3.7	1.599	2.582	6.8	22.0
5 31	14 29.48	−17 31.8	1.636	2.570	11.1	22.2
6 10	14 23.56	−17 7.3	1.696	2.557	14.8	22.4

320628 2008 CB_{69} 5 5.9 343°.08 3°.7/ 8.2 17

4 1	15 17.34	−26 27.7	1.427	2.263	17.6	20.6
4 11	15 13.36	−26 29.2	1.350	2.259	13.9	20.3
4 21	15 6.46	−26 11.7	1.292	2.256	9.6	20.1
5 1	14 57.49	−25 34.5	1.257	2.253	5.3	19.8
5 11	14 47.79	−24 40.6	1.247	2.250	4.0	19.7
5 21	14 38.79	−23 36.3	1.262	2.248	7.7	19.9
5 31	14 31.77	−22 30.3	1.300	2.247	12.2	20.2
6 10	14 27.56	−21 30.8	1.359	2.245	16.3	20.4

278775 2008 SA_{157} 5 5.9 248°.43 2°.8/ 7.9 18

4 1	15 18.74	−25 21.8	2.022	2.837	13.9	21.1
4 11	15 13.69	−25 27.5	1.929	2.827	10.9	20.9
4 21	15 6.36	−25 20.0	1.857	2.817	7.5	20.6
5 1	14 57.42	−24 59.0	1.812	2.806	4.1	20.4
5 11	14 47.85	−24 26.1	1.793	2.796	3.1	20.3
5 21	14 38.70	−23 44.9	1.802	2.785	6.2	20.5
5 31	14 30.97	−23 0.7	1.837	2.774	9.9	20.7
6 10	14 25.37	−22 19.3	1.896	2.762	13.3	20.9

247107 2000 TE_{16} 5 5.9 235°.16 0°.6/ 5.4 18

4 1	15 15.02	−15 57.8	2.685	3.516	10.4	21.5
4 11	15 10.23	−15 33.0	2.589	3.505	7.8	21.3
4 21	15 3.90	−15 2.4	2.519	3.493	4.8	21.1
5 1	14 56.53	−14 27.7	2.477	3.481	1.6	20.9
5 11	14 48.78	−13 51.9	2.464	3.469	2.0	20.9
5 21	14 41.33	−13 17.9	2.480	3.456	5.3	21.1
5 31	14 34.83	−12 49.1	2.524	3.443	8.3	21.3
6 10	14 29.79	−12 27.9	2.591	3.430	11.0	21.4

167742 2004 XL_{31} 5 5.9 68°.99 2°.5/ 7.5 18

4 1	15 20.69	−24 34.6	1.373	2.211	18.0	19.7
4 11	15 15.55	−24 18.5	1.318	2.231	13.8	19.5
4 21	15 7.56	−23 44.2	1.283	2.251	9.1	19.3
5 1	14 57.78	−22 53.2	1.271	2.271	4.3	19.1
5 11	14 47.66	−21 50.5	1.285	2.291	3.1	19.1
5 21	14 38.57	−20 43.6	1.325	2.311	7.4	19.4
5 31	14 31.63	−19 40.7	1.388	2.331	11.9	19.7
6 10	14 27.51	−18 48.6	1.472	2.351	15.7	20.0

487554 2014 VZ_{24} 5 5.9 244°.48 0°.4/ 6.6 18

4 1	15 8.07	−19 59.8	4.506	5.323	6.7	21.3
4 11	15 4.52	−19 41.3	4.414	5.319	5.1	21.2
4 21	15 0.14	−19 17.9	4.347	5.316	3.2	21.0
5 1	14 55.23	−18 50.9	4.309	5.312	1.2	20.9
5 11	14 50.15	−18 21.5	4.302	5.308	1.0	20.8
5 21	14 45.26	−17 51.6	4.324	5.305	3.0	21.0
5 31	14 40.90	−17 23.0	4.375	5.301	4.9	21.1
6 10	14 37.36	−16 57.4	4.452	5.297	6.6	21.3

119984 2002 XE_{46} 5 5.9 225°.38 1°.4/ 5.1 17

4 1	15 20.43	−16 5.0	1.561	2.410	15.6	20.3
4 11	15 15.32	−15 22.6	1.478	2.402	11.8	20.1
4 21	15 7.53	−14 29.2	1.417	2.394	7.3	19.8
5 1	14 57.86	−13 28.4	1.380	2.385	2.6	19.5
5 11	14 47.49	−12 26.1	1.371	2.375	3.4	19.5
5 21	14 37.71	−11 29.0	1.388	2.365	8.3	19.8
5 31	14 29.67	−10 43.5	1.429	2.354	13.0	20.0
6 10	14 24.18	−10 14.0	1.490	2.343	17.0	20.2

181108 2005 QS_{76} 5 5.9 184°.98 3°.4/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 17.51	−28 43.9	2.656	3.445	11.6	20.9
4 11	15 12.24	−28 57.1	2.566	3.445	9.3	20.8
4 21	15 5.21	−28 58.4	2.499	3.444	6.7	20.6
5 1	14 57.00	−28 47.2	2.460	3.444	4.3	20.4
5 11	14 48.37	−28 24.4	2.448	3.443	3.5	20.4
5 21	14 40.12	−27 52.7	2.465	3.442	5.2	20.5
5 31	14 32.99	−27 15.8	2.509	3.440	7.8	20.6
6 10	14 27.54	−26 38.1	2.578	3.439	10.4	20.8

187911 2000 UU_{84} 5 5.9 214°.33 1°.0/ 5.2 18

4 1	15 16.81	−13 35.8	2.594	3.427	10.6	20.5
4 11	15 11.59	−13 29.5	2.506	3.422	7.9	20.3
4 21	15 4.75	−13 19.7	2.443	3.418	4.9	20.1
5 1	14 56.84	−13 8.0	2.409	3.413	1.8	19.9
5 11	14 48.54	−12 56.6	2.403	3.407	2.2	19.9
5 21	14 40.57	−12 47.8	2.427	3.402	5.4	20.1
5 31	14 33.62	−12 43.9	2.478	3.396	8.5	20.3
6 10	14 28.20	−12 46.7	2.553	3.390	11.2	20.5

278950 2008 UZ_{63} 5 5.9 217°.18 3°.8/ 3.1 18

4 1	15 16.15	− 8 15.7	1.989	2.840	12.6	21.3
4 11	15 11.44	− 7 25.9	1.913	2.838	9.5	21.1
4 21	15 4.79	− 6 33.9	1.861	2.835	6.2	20.9
5 1	14 56.86	− 5 44.3	1.836	2.832	3.9	20.7
5 11	14 48.53	− 5 2.3	1.838	2.829	5.0	20.8
5 21	14 40.67	− 4 31.8	1.867	2.825	8.2	21.0
5 31	14 34.11	− 4 15.8	1.921	2.822	11.5	21.2
6 10	14 29.42	− 4 15.4	1.997	2.818	14.4	21.4

404654 2014 HG_{43} 5 5.9 62°.23 5°.0/ 1.3 17

4 1	15 13.46	− 5 34.8	2.071	2.926	12.1	20.6
4 11	15 9.17	− 4 6.0	2.018	2.942	9.1	20.5
4 21	15 3.22	− 2 37.3	1.991	2.959	6.4	20.3
5 1	14 56.29	− 1 15.2	1.990	2.975	5.0	20.3
5 11	14 49.15	− 0 5.5	2.017	2.992	6.2	20.4
5 21	14 42.59	+ 0 47.5	2.071	3.009	8.8	20.6
5 31	14 37.25	+ 1 21.3	2.149	3.025	11.5	20.8
6 10	14 33.60	+ 1 35.8	2.248	3.042	13.9	21.0

42491 1991 TF 5 5.9 227°.72 5°.0/ 1.2 18

4 1	15 16.21	− 3 44.2	2.387	3.231	11.1	20.0
4 11	15 11.23	− 2 30.1	2.302	3.218	8.6	19.8
4 21	15 4.57	− 1 15.7	2.242	3.205	6.2	19.7
5 1	14 56.79	− 0 6.2	2.210	3.191	5.0	19.6
5 11	14 48.60	+ 0 53.0	2.207	3.176	6.1	19.6
5 21	14 40.76	+ 1 37.9	2.231	3.161	8.6	19.7
5 31	14 33.97	+ 2 5.5	2.280	3.145	11.3	19.9
6 10	14 28.77	+ 2 15.4	2.350	3.128	13.8	20.0

312117 2007 TQ_{194} 5 5.9 107°.34 0°.3/ 6.2 17

4 1	15 21.09	−18 25.5	1.542	2.386	16.0	21.4
4 11	15 15.70	−18 18.1	1.474	2.395	12.1	21.2
4 21	15 7.66	−18 0.4	1.428	2.403	7.6	20.9
5 1	14 57.86	−17 34.2	1.407	2.411	2.6	20.6
5 11	14 47.55	−17 3.0	1.412	2.419	2.5	20.6
5 21	14 38.00	−16 31.8	1.443	2.426	7.4	21.0
5 31	14 30.31	−16 5.8	1.499	2.434	11.8	21.2
6 10	14 25.19	−15 49.3	1.576	2.441	15.6	21.5

506704 2006 UR_{81} 5 5.9 275°.27 1°.3/ 5.3 17

4 1	15 19.29	−14 44.3	1.661	2.510	14.8	21.5
4 11	15 14.49	−14 26.8	1.566	2.491	11.3	21.3
4 21	15 7.08	−14 1.8	1.494	2.471	7.0	21.0
5 1	14 57.75	−13 31.9	1.446	2.451	2.5	20.6
5 11	14 47.58	−13 0.9	1.425	2.430	3.2	20.6
5 21	14 37.77	−12 33.7	1.431	2.410	8.0	20.9
5 31	14 29.50	−12 15.0	1.461	2.389	12.6	21.1
6 10	14 23.65	−12 8.5	1.512	2.368	16.6	21.3

123052 2000 SY_{295} 5 5.9 204°.03 2°.4/ 7.9 18

4 1	15 18.43	−26 0.6	2.294	3.100	12.7	19.8
4 11	15 13.12	−25 47.4	2.202	3.096	10.0	19.6
4 21	15 5.84	−25 20.8	2.133	3.091	6.8	19.4
5 1	14 57.23	−24 41.2	2.091	3.086	3.6	19.2
5 11	14 48.17	−23 50.9	2.077	3.080	2.7	19.1
5 21	14 39.55	−22 54.0	2.092	3.074	5.5	19.3
5 31	14 32.22	−21 55.9	2.134	3.067	8.9	19.5
6 10	14 26.78	−21 1.7	2.200	3.060	11.9	19.7

303222 2004 NV 5 5.9 259°.65 5°.5/ 2.7 16

4 1	15 19.67	− 6 26.3	1.520	2.380	15.4	21.0
4 11	15 14.82	− 5 28.0	1.436	2.364	11.8	20.8
4 21	15 7.28	− 4 27.3	1.374	2.347	8.1	20.5
5 1	14 57.81	− 3 30.8	1.337	2.330	5.6	20.3
5 11	14 47.55	− 2 45.9	1.326	2.313	7.0	20.4
5 21	14 37.77	− 2 18.4	1.339	2.295	10.9	20.5
5 31	14 29.65	− 2 12.0	1.375	2.277	15.1	20.7
6 10	14 24.05	− 2 27.5	1.430	2.258	18.8	20.9

36886 2000 SV_{161} 5 5.9 295°.93 5°.2/ 2.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 15.47	− 2 17.0	2.153	3.002	11.9	18.8
4 11	15 10.81	− 1 38.1	2.077	2.995	9.2	18.6
4 21	15 4.36	− 1 2.4	2.024	2.988	6.7	18.4
5 1	14 56.73	− 0 34.3	1.998	2.981	5.2	18.3
5 11	14 48.70	− 0 17.9	1.999	2.974	6.2	18.4
5 21	14 41.07	− 0 15.9	2.026	2.967	8.7	18.5
5 31	14 34.61	− 0 29.6	2.078	2.960	11.6	18.7
6 10	14 29.87	− 0 58.6	2.151	2.954	14.2	18.8

119600 2001 WM_{12} 5 5.9 62°.65 4°.0/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 17.29	− 8 32.8	1.629	2.488	14.6	19.3
4 11	15 12.55	− 7 46.8	1.568	2.497	10.9	19.0
4 21	15 5.56	− 6 59.1	1.530	2.505	7.1	18.8
5 1	14 57.13	− 6 14.8	1.517	2.514	4.2	18.7
5 11	14 48.34	− 5 39.5	1.530	2.523	5.4	18.8
5 21	14 40.23	− 5 17.4	1.569	2.533	8.9	19.0
5 31	14 33.73	− 5 11.2	1.632	2.542	12.6	19.2
6 10	14 29.45	− 5 21.5	1.715	2.551	15.8	19.5

213528 2002 HV_{13} 5 5.9 322°.54 15°.9/30.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 26.22	+17 13.1	1.249	2.072	20.3	19.6
4 11	15 20.35	+17 52.3	1.178	2.050	18.2	19.4
4 21	15 11.01	+18 3.2	1.124	2.030	16.6	19.2
5 1	14 59.13	+17 33.5	1.090	2.010	15.9	19.1
5 11	14 46.25	+16 15.9	1.076	1.991	16.8	19.0
5 21	14 34.07	+14 10.4	1.083	1.973	19.0	19.1
5 31	14 24.15	+11 24.1	1.109	1.956	21.8	19.2
6 10	14 17.47	+ 8 8.6	1.153	1.940	24.7	19.4

437094 2012 UU_{86} 5 5.9 226°.29 2°.0/ 4.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.20	−12 31.2	2.142	2.987	12.1	21.5
4 11	15 11.42	−11 55.8	2.059	2.982	9.1	21.2
4 21	15 4.77	−11 15.6	2.000	2.976	5.6	21.0
5 1	14 56.87	−10 33.6	1.968	2.971	2.5	20.8
5 11	14 48.56	− 9 54.1	1.965	2.965	3.3	20.9
5 21	14 40.66	− 9 20.9	1.989	2.959	6.8	21.1
5 31	14 33.98	− 8 57.4	2.038	2.953	10.3	21.3
6 10	14 29.09	− 8 46.0	2.111	2.946	13.3	21.4

466596 2014 UK_{169} 5 5.9 99°.15 2°.4/ 7.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 19.27	−24 36.9	1.617	2.447	16.1	21.7
4 11	15 14.34	−24 24.7	1.545	2.453	12.5	21.4
4 21	15 6.82	−23 56.3	1.494	2.460	8.3	21.2
5 1	14 57.60	−23 12.4	1.467	2.466	4.0	21.0
5 11	14 47.87	−22 16.7	1.467	2.472	2.9	20.9
5 21	14 38.88	−21 15.3	1.493	2.479	6.9	21.2
5 31	14 31.70	−20 15.5	1.544	2.485	11.1	21.4
6 10	14 27.03	−19 23.7	1.617	2.491	14.8	21.7

386844 2010 JL_{177} 5 5.9 54°.40 8°.9/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.50	+ 6 0.9	1.873	2.718	13.6	20.2
4 11	15 10.91	+ 7 17.5	1.823	2.725	11.2	20.1
4 21	15 4.41	+ 8 23.6	1.795	2.732	9.4	20.0
5 1	14 56.73	+ 9 12.3	1.793	2.739	8.9	20.0
5 11	14 48.76	+ 9 38.3	1.814	2.747	10.0	20.0
5 21	14 41.40	+ 9 39.4	1.860	2.754	12.0	20.2
5 31	14 35.41	+ 9 15.9	1.927	2.762	14.3	20.3
6 10	14 31.33	+ 8 30.7	2.013	2.770	16.5	20.5

97410 2000 AW_{148} 5 5.9 199°.02 3°.3/ 2.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.40	− 6 55.6	2.706	3.544	10.1	21.1
4 11	15 11.15	− 6 8.2	2.623	3.539	7.6	20.9
4 21	15 4.42	− 5 19.8	2.566	3.534	5.1	20.7
5 1	14 56.73	− 4 33.9	2.537	3.529	3.4	20.6
5 11	14 48.73	− 3 54.3	2.537	3.522	4.3	20.6
5 21	14 41.06	− 3 24.0	2.567	3.515	6.7	20.8
5 31	14 34.36	− 3 5.2	2.623	3.507	9.4	20.9
6 10	14 29.09	− 2 59.0	2.702	3.499	11.7	21.1

435054 2006 WZ_{137} 5 5.9 245°.59 0°.3/ 5.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.37	−17 5.7	2.513	3.345	11.0	22.2
4 11	15 10.63	−16 43.1	2.418	3.333	8.3	22.0
4 21	15 4.23	−16 13.5	2.347	3.321	5.1	21.8
5 1	14 56.70	−15 38.8	2.304	3.308	1.7	21.5
5 11	14 48.75	−15 1.9	2.290	3.295	1.9	21.5
5 21	14 41.11	−14 26.1	2.304	3.282	5.4	21.7
5 31	14 34.50	−13 54.9	2.346	3.269	8.7	21.9
6 10	14 29.45	−13 31.3	2.411	3.255	11.5	22.1

416369 2003 SS_{428} 5 5.9 245°.38 1°.1/ 5.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 18.26	−17 6.9	1.700	2.546	14.7	21.6
4 11	15 13.53	−16 19.0	1.612	2.535	11.1	21.3
4 21	15 6.36	−15 19.2	1.546	2.523	6.9	21.1
5 1	14 57.48	−14 11.0	1.506	2.511	2.3	20.8
5 11	14 47.96	−13 0.2	1.493	2.498	3.1	20.8
5 21	14 38.95	−11 53.4	1.507	2.485	7.8	21.0
5 31	14 31.50	−10 57.3	1.546	2.472	12.2	21.2
6 10	14 26.37	−10 16.4	1.606	2.458	16.0	21.4

505607 2014 DM_{113} 5 5.9 95°.53 0°.4/ 6.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 17.12	−19 39.7	2.358	3.184	11.8	22.3
4 11	15 11.82	−19 21.5	2.294	3.204	8.9	22.1
4 21	15 4.85	−18 55.0	2.253	3.223	5.6	22.0
5 1	14 56.87	−18 21.9	2.240	3.243	2.0	21.7
5 11	14 48.66	−17 45.3	2.255	3.262	1.7	21.8
5 21	14 40.99	−17 8.5	2.300	3.281	5.2	22.0
5 31	14 34.55	−16 35.3	2.371	3.299	8.4	22.2
6 10	14 29.82	−16 8.8	2.466	3.317	11.1	22.5

458838 2011 UP_{41} 5 5.9 245°.24 1°.4/ 5.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 18.89	−16 58.8	1.521	2.373	15.8	22.0
4 11	15 14.25	−16 7.3	1.437	2.363	12.0	21.8
4 21	15 6.93	−15 2.6	1.374	2.352	7.4	21.5
5 1	14 57.70	−13 48.8	1.337	2.341	2.6	21.2
5 11	14 47.76	−12 32.6	1.325	2.330	3.4	21.2
5 21	14 38.40	−11 21.5	1.340	2.318	8.5	21.4
5 31	14 30.79	−10 23.1	1.378	2.306	13.2	21.7
6 10	14 25.74	− 9 42.2	1.438	2.293	17.3	21.9

216805 2006 SU_{388} 5 5.9 38°.31 5°.2/ 2.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.34	− 2 30.9	2.000	2.850	12.6	20.1
4 11	15 11.47	− 1 59.9	1.937	2.857	9.7	20.0
4 21	15 4.75	− 1 32.9	1.898	2.863	6.9	19.8
5 1	14 56.86	− 1 14.2	1.885	2.870	5.2	19.7
5 11	14 48.65	− 1 7.6	1.899	2.878	6.1	19.8
5 21	14 40.98	− 1 15.1	1.939	2.885	8.7	19.9
5 31	14 34.61	− 1 37.6	2.004	2.893	11.6	20.1
6 10	14 30.08	− 2 14.3	2.090	2.901	14.2	20.3

179683 2002 QY_{87} 5 5.9 183°.66 3°.5/ 8.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 21.39	−26 38.4	1.869	2.680	15.0	21.7
4 11	15 15.80	−26 48.8	1.786	2.680	11.9	21.5
4 21	15 7.73	−26 44.4	1.724	2.680	8.3	21.3
5 1	14 57.94	−26 24.1	1.688	2.680	4.7	21.1
5 11	14 47.54	−25 49.8	1.678	2.679	3.7	21.0
5 21	14 37.71	−25 5.4	1.696	2.678	6.6	21.2
5 31	14 29.53	−24 17.0	1.740	2.676	10.3	21.4
6 10	14 23.73	−23 31.1	1.806	2.674	13.8	21.6

392155 2009 HH_{69} 5 5.9 334°.45 0°.6/ 5.6 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.55	−16 5.7	1.712	2.567	14.2	21.0
4 11	15 10.03	−15 52.2	1.624	2.552	10.7	20.8
4 21	15 4.22	−15 30.9	1.558	2.537	6.7	20.5
5 1	14 56.78	−15 4.0	1.518	2.522	2.2	20.2
5 11	14 48.69	−14 35.3	1.503	2.509	2.6	20.2
5 21	14 41.02	−14 9.0	1.513	2.496	7.2	20.4
5 31	14 34.76	−13 49.6	1.548	2.484	11.4	20.6
6 10	14 30.68	−13 40.7	1.605	2.473	15.2	20.8

216237 2006 UZ_{286} 5 5.9 212°.68 0°.8/ 5.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.20	−15 32.4	2.833	3.663	9.9	21.3
4 11	15 10.28	−15 5.8	2.741	3.656	7.4	21.1
4 21	15 3.92	−14 33.8	2.675	3.648	4.6	20.9
5 1	14 56.59	−13 58.4	2.636	3.640	1.6	20.7
5 11	14 48.93	−13 22.3	2.628	3.632	2.0	20.7
5 21	14 41.58	−12 48.4	2.648	3.623	5.0	20.9
5 31	14 35.14	−12 19.6	2.697	3.614	7.9	21.1
6 10	14 30.08	−11 58.4	2.769	3.604	10.5	21.3

164470 2006 DN_{200} 5 5.9 348°.31 2°.7/ 4.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.54	−15 3.4	1.259	2.129	17.2	19.7
4 11	15 12.01	−13 57.9	1.191	2.126	12.9	19.4
4 21	15 5.61	−12 39.6	1.143	2.124	8.0	19.1
5 1	14 57.26	−11 15.2	1.118	2.122	3.3	18.8
5 11	14 48.28	− 9 53.4	1.118	2.120	4.7	18.9
5 21	14 40.06	− 8 43.2	1.142	2.119	9.8	19.2
5 31	14 33.82	− 7 52.0	1.188	2.118	14.6	19.4
6 10	14 30.32	− 7 23.4	1.253	2.118	18.8	19.7

198927 2005 UO_{216} 5 6.0 195°.95 1°.1/ 5.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 23.41	−14 38.0	1.578	2.423	15.7	20.5
4 11	15 17.53	−14 31.2	1.500	2.422	11.8	20.2
4 21	15 8.91	−14 18.0	1.444	2.420	7.4	20.0
5 1	14 58.37	−14 0.4	1.413	2.417	2.5	19.6
5 11	14 47.14	−13 41.9	1.409	2.414	3.1	19.7
5 21	14 36.53	−13 26.6	1.432	2.410	7.9	20.0
5 31	14 27.73	−13 18.6	1.479	2.406	12.5	20.2
6 10	14 21.54	−13 21.1	1.547	2.401	16.4	20.4

227485 2005 XF_{13} 5 6.0 261°.84 2°.5/ 4.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 17.97	−11 39.8	1.938	2.785	13.1	20.4
4 11	15 13.08	−11 4.0	1.844	2.767	9.9	20.2
4 21	15 6.01	−10 22.9	1.773	2.748	6.2	19.9
5 1	14 57.38	− 9 40.2	1.728	2.729	2.9	19.7
5 11	14 48.11	− 9 0.4	1.711	2.710	3.9	19.7
5 21	14 39.20	− 8 28.1	1.721	2.690	7.8	19.9
5 31	14 31.59	− 8 7.1	1.756	2.670	11.7	20.1
6 10	14 26.00	− 8 0.0	1.813	2.649	15.1	20.2