196732 2003 ST_{121} 4 20.9 344°.32 7°.1/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 12	14 21.95	−29 35.1	1.796	2.523	18.3	19.4
3 22	14 19.08	−30 29.0	1.702	2.520	15.8	19.2
4 1	14 13.33	−31 3.4	1.626	2.516	12.9	19.0
4 11	14 5.24	−31 14.5	1.571	2.513	9.8	18.8
4 21	13 55.74	−31 0.7	1.540	2.511	7.6	18.7
5 1	13 46.09	−30 23.7	1.533	2.508	7.4	18.7
5 11	13 37.59	−29 29.4	1.552	2.507	9.6	18.8
5 21	13 31.25	−28 26.1	1.595	2.505	12.7	19.0

27460 2000 GW_{42} 4 20.9 205°.71 0°.6/21.5 18

3 12	14 20.42	−15 18.6	2.225	2.999	13.9	19.0
3 22	14 16.82	−15 10.0	2.130	2.998	11.1	18.8
4 1	14 11.13	−14 50.3	2.057	2.996	7.9	18.6
4 11	14 3.87	−14 21.0	2.009	2.995	4.2	18.4
4 21	13 55.75	−13 44.7	1.989	2.994	0.6	18.1
5 1	13 47.61	−13 5.7	1.998	2.992	3.8	18.3
5 11	13 40.33	−12 28.5	2.034	2.991	7.5	18.6
5 21	13 34.56	−11 57.5	2.095	2.989	10.9	18.8

180790 2004 SX_{9} 4 20.9 268°.57 1°.3/19.7 18

3 12	14 19.36	− 9 10.0	2.557	3.342	12.0	20.5
3 22	14 15.72	− 8 51.6	2.450	3.327	9.5	20.3
4 1	14 10.26	− 8 26.3	2.366	3.312	6.6	20.1
4 11	14 3.41	− 7 56.8	2.308	3.297	3.3	19.8
4 21	13 55.75	− 7 25.9	2.279	3.282	1.4	19.7
5 1	13 48.01	− 6 57.5	2.279	3.266	4.2	19.8
5 11	13 40.92	− 6 35.0	2.307	3.250	7.5	20.0
5 21	13 35.09	− 6 21.3	2.360	3.235	10.6	20.2

144206 2004 CB_{9} 4 20.9 197°.87 0°.6/21.5 17 R

3 12	14 24.56	−15 26.3	2.115	2.883	14.7	21.6
3 22	14 20.25	−15 15.6	2.016	2.881	11.8	21.4
4 1	14 13.61	−14 52.8	1.939	2.877	8.4	21.2
4 11	14 5.19	−14 19.3	1.887	2.873	4.5	21.0
4 21	13 55.75	−13 37.9	1.863	2.868	0.6	20.7
5 1	13 46.27	−12 53.2	1.868	2.862	4.1	20.9
5 11	13 37.72	−12 10.3	1.901	2.856	8.1	21.1
5 21	13 30.86	−11 34.3	1.959	2.849	11.7	21.3

454876 2015 TD_{67} 4 20.9 85°.90 1°.4/21.9 18

3 12	14 24.50	−18 7.9	1.356	2.149	20.2	21.4
3 22	14 21.23	−17 50.6	1.288	2.165	16.3	21.2
4 1	14 14.74	−17 12.8	1.238	2.181	11.6	21.0
4 11	14 5.85	−16 16.7	1.210	2.196	6.3	20.7
4 21	13 55.76	−15 7.5	1.207	2.211	1.5	20.4
5 1	13 45.93	−13 53.5	1.230	2.226	5.2	20.7
5 11	13 37.73	−12 44.2	1.278	2.241	10.3	21.0
5 21	13 32.03	−11 47.5	1.348	2.256	14.7	21.3

236602 2006 JM_{17} 4 21.0 265°.97 0°.3/20.7 18

3 22	14 16.07	−13 22.1	1.993	2.869	11.4	20.3
4 1	14 10.73	−12 43.5	1.915	2.860	8.0	20.1
4 11	14 3.72	−11 55.1	1.863	2.852	4.1	19.8
4 21	13 55.76	−11 0.8	1.838	2.843	0.3	19.5
5 1	13 47.76	−10 5.8	1.842	2.834	4.3	19.8
5 11	13 40.61	− 9 15.8	1.872	2.826	8.3	20.0
5 21	13 35.03	− 8 35.5	1.927	2.817	11.9	20.2
5 31	13 31.51	− 8 8.3	2.003	2.808	14.9	20.4

410193 2007 RG_{133} 4 21.0 249°.72 4°.0/24.0 14 C

3 22	14 21.00	−23 55.3	1.703	2.546	14.6	21.6
4 1	14 14.66	−23 47.3	1.612	2.530	11.2	21.3
4 11	14 5.95	−23 18.7	1.544	2.513	7.4	21.1
4 21	13 55.76	−22 30.0	1.501	2.495	4.3	20.8
5 1	13 45.31	−21 25.0	1.485	2.477	5.3	20.9
5 11	13 35.89	−20 11.4	1.496	2.458	9.2	21.0
5 21	13 28.54	−18 57.6	1.531	2.439	13.3	21.2
5 31	13 23.95	−17 52.0	1.587	2.419	17.0	21.4

436710 2011 UY_{19} 4 21.0 253°.91 5°.2/16.2 17

3 22	14 20.44	+ 6 11.4	2.590	3.459	9.3	21.0
4 1	14 13.42	+ 6 32.4	2.512	3.442	7.1	20.8
4 11	14 4.99	+ 6 46.6	2.462	3.425	5.5	20.7
4 21	13 55.77	+ 6 50.3	2.441	3.408	5.4	20.6
5 1	13 46.49	+ 6 40.4	2.449	3.391	7.1	20.7
5 11	13 37.91	+ 6 15.7	2.484	3.373	9.5	20.8
5 21	13 30.64	+ 5 36.4	2.544	3.354	11.9	21.0
5 31	13 25.11	+ 4 43.5	2.626	3.336	14.0	21.1

500016 2011 QH_{58} 4 21.0 80°.57 4°.3/25.3 17

3 22	14 16.80	−26 52.2	2.182	3.006	12.6	21.1
4 1	14 11.16	−26 48.1	2.111	3.013	9.8	21.0
4 11	14 3.90	−26 26.3	2.063	3.020	6.9	20.8
4 21	13 55.77	−25 47.8	2.042	3.027	4.6	20.7
5 1	13 47.67	−24 55.8	2.048	3.034	4.8	20.7
5 11	13 40.51	−23 55.9	2.082	3.041	7.2	20.8
5 21	13 34.96	−22 54.2	2.141	3.048	10.1	21.0
5 31	13 31.46	−21 56.6	2.223	3.055	12.8	21.2

1345 Potomac 4 21.0 76°.09 3°.6/16.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 12.12	+ 1 4.6	3.008	3.892	7.7	15.6
4 1	14 7.42	+ 1 55.8	2.964	3.908	5.6	15.5
4 11	14 1.81	+ 2 44.2	2.948	3.923	3.9	15.4
4 21	13 55.77	+ 3 26.2	2.961	3.939	3.9	15.4
5 1	13 49.83	+ 3 58.6	3.002	3.955	5.5	15.5
5 11	13 44.49	+ 4 19.2	3.071	3.971	7.5	15.7
5 21	13 40.15	+ 4 27.2	3.164	3.986	9.5	15.9
5 31	13 37.09	+ 4 22.6	3.277	4.002	11.2	16.0

364673 2007 TO_{358} 4 21.0 74°.12 1°.9/19.2 18

3 22	14 17.68	−14 29.9	1.380	2.267	14.8	20.6
4 1	14 11.96	−12 9.3	1.338	2.289	10.0	20.4
4 11	14 4.29	− 9 33.5	1.320	2.311	4.9	20.1
4 21	13 55.77	− 6 54.9	1.331	2.334	2.1	20.0
5 1	13 47.63	− 4 27.2	1.369	2.356	6.6	20.3
5 11	13 40.98	− 2 21.8	1.434	2.377	11.2	20.7
5 21	13 36.47	− 0 45.2	1.522	2.399	15.2	21.0
5 31	13 34.47	+ 0 21.0	1.628	2.421	18.3	21.2

132090 2002 CV_{173} 4 21.0 326°.59 5°.2/17.7 17

3 22	14 17.28	− 3 9.1	1.193	2.100	15.0	19.0
4 1	14 12.35	− 2 14.6	1.129	2.087	10.6	18.7
4 11	14 4.83	− 1 18.3	1.086	2.074	6.5	18.5
4 21	13 55.77	− 0 28.9	1.067	2.062	5.5	18.4
5 1	13 46.58	+ 0 5.0	1.072	2.051	9.2	18.5
5 11	13 38.73	+ 0 16.8	1.099	2.040	14.0	18.8
5 21	13 33.28	+ 0 4.2	1.145	2.031	18.5	19.0
5 31	13 30.88	− 0 32.2	1.207	2.022	22.3	19.2

417151 2005 VR_{115} 4 21.0 81°.12 2°.6/23.2 17

3 22	14 18.22	−21 9.6	1.729	2.586	13.8	21.4
4 1	14 12.32	−20 46.4	1.669	2.598	10.2	21.2
4 11	14 4.53	−20 6.0	1.633	2.610	6.1	21.0
4 21	13 55.77	−19 11.4	1.623	2.622	2.8	20.8
5 1	13 47.15	−18 7.9	1.640	2.635	4.4	21.0
5 11	13 39.71	−17 3.0	1.683	2.647	8.2	21.2
5 21	13 34.21	−16 3.4	1.751	2.659	11.9	21.5
5 31	13 31.08	−15 14.5	1.841	2.671	15.1	21.7

376750 1999 UO_{31} 4 21.0 126°.12 0°.3/20.8 18

3 22	14 20.54	−11 18.9	2.032	2.904	11.4	20.8
4 1	14 13.70	−11 16.6	1.968	2.911	7.9	20.5
4 11	14 5.19	−11 8.2	1.930	2.918	4.0	20.3
4 21	13 55.78	−10 56.3	1.920	2.925	0.3	20.0
5 1	13 46.42	−10 44.1	1.939	2.932	4.2	20.4
5 11	13 38.05	−10 35.4	1.986	2.938	8.0	20.6
5 21	13 31.34	−10 32.9	2.058	2.944	11.4	20.8
5 31	13 26.78	−10 39.0	2.152	2.950	14.2	21.0

169995 2002 TF_{254} 4 21.0 310°.53 2°.0/19.0 18

3 22	14 13.59	−10 28.1	1.823	2.711	11.6	19.2
4 1	14 9.10	− 9 8.0	1.747	2.699	8.0	18.9
4 11	14 2.92	− 7 37.8	1.697	2.688	4.1	18.7
4 21	13 55.78	− 6 4.1	1.674	2.676	2.2	18.5
5 1	13 48.59	− 4 34.6	1.679	2.665	5.7	18.7
5 11	13 42.29	− 3 17.1	1.711	2.654	9.7	18.9
5 21	13 37.60	− 2 16.8	1.766	2.643	13.4	19.1
5 31	13 35.00	− 1 36.7	1.840	2.632	16.5	19.3

41460 2000 NC_{28} 4 21.0 113°.11 4°.2/25.2 18

3 22	14 16.62	−26 39.7	2.231	3.055	12.3	17.6
4 1	14 11.05	−26 34.9	2.154	3.057	9.6	17.4
4 11	14 3.86	−26 12.8	2.102	3.059	6.7	17.2
4 21	13 55.78	−25 34.3	2.075	3.061	4.5	17.1
5 1	13 47.70	−24 42.5	2.077	3.063	4.7	17.1
5 11	13 40.50	−23 42.8	2.106	3.065	7.1	17.3
5 21	13 34.87	−22 41.2	2.160	3.067	10.0	17.5
5 31	13 31.27	−21 43.5	2.238	3.068	12.7	17.6

31085 1997 AV_{12} 4 21.0 150°.08 1°.1/19.8 18

3 22	14 15.65	− 9 31.7	2.591	3.466	9.1	19.3
4 1	14 10.04	− 8 59.2	2.527	3.472	6.3	19.1
4 11	14 3.22	− 8 22.3	2.489	3.478	3.2	18.9
4 21	13 55.78	− 7 44.3	2.480	3.483	1.2	18.8
5 1	13 48.40	− 7 8.8	2.501	3.489	3.9	19.0
5 11	13 41.73	− 6 39.2	2.550	3.493	7.0	19.2
5 21	13 36.28	− 6 18.3	2.626	3.498	9.7	19.4
5 31	13 32.44	− 6 7.6	2.723	3.502	12.1	19.5

428714 2008 RE_{34} 4 21.0 199°.88 1°.5/22.4 17

3 22	14 18.07	−18 7.1	2.156	3.012	11.5	22.1
4 1	14 12.03	−17 49.4	2.078	3.010	8.3	21.9
4 11	14 4.37	−17 19.8	2.026	3.007	4.7	21.6
4 21	13 55.79	−16 40.4	2.002	3.004	1.6	21.4
5 1	13 47.18	−15 55.1	2.006	3.001	3.7	21.5
5 11	13 39.44	−15 9.1	2.038	2.997	7.4	21.8
5 21	13 33.24	−14 27.4	2.096	2.993	10.8	22.0
5 31	13 29.08	−13 54.1	2.176	2.988	13.7	22.2

477636 2010 MQ_6 4 21.0 296°.50 8°.2/27.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 21.70	−35 45.3	2.259	3.025	14.0	20.8
4 1	14 15.09	−36 47.3	2.159	3.005	12.0	20.6
4 11	14 6.21	−37 29.8	2.082	2.985	10.0	20.4
4 21	13 55.80	−37 49.2	2.029	2.966	8.5	20.3
5 1	13 44.93	−37 44.6	2.003	2.946	8.3	20.2
5 11	13 34.82	−37 18.6	2.001	2.927	9.6	20.3
5 21	13 26.48	−36 36.9	2.024	2.907	11.7	20.4
5 31	13 20.68	−35 46.9	2.069	2.888	14.0	20.5

203775 2002 SQ_7 4 21.0 192°.65 0°.0/21.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 16.14	−13 56.2	2.146	3.018	10.9	20.8
4 1	14 10.64	−13 22.8	2.075	3.017	7.6	20.6
4 11	14 3.63	−12 40.4	2.029	3.016	3.9	20.4
4 21	13 55.80	−11 52.3	2.011	3.016	0.0	20.0
5 1	13 47.99	−11 3.2	2.021	3.015	3.9	20.4
5 11	13 41.01	−10 18.1	2.060	3.014	7.6	20.6
5 21	13 35.51	− 9 41.2	2.123	3.013	11.0	20.8
5 31	13 31.93	− 9 15.6	2.208	3.011	13.8	21.0

315239 2007 RB_{280} 4 21.0 229°.66 5°.5/25.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 22.50	−29 20.2	2.040	2.847	13.9	21.9
4 1	14 15.50	−29 20.7	1.943	2.832	11.1	21.7
4 11	14 6.32	−28 59.5	1.869	2.817	8.2	21.5
4 21	13 55.81	−28 16.0	1.822	2.800	5.8	21.3
5 1	13 45.07	−27 12.6	1.802	2.782	5.9	21.3
5 11	13 35.30	−25 55.5	1.809	2.764	8.5	21.4
5 21	13 27.41	−24 32.8	1.843	2.744	11.8	21.5
5 31	13 22.05	−23 12.8	1.899	2.723	14.9	21.7

384107 2008 WE_{90} 4 21.0 118°.29 3°.3/18.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 17.51	− 3 12.0	2.102	2.987	10.5	20.7
4 1	14 11.51	− 2 35.8	2.045	2.993	7.3	20.5
4 11	14 4.04	− 1 59.8	2.014	2.999	4.3	20.3
4 21	13 55.82	− 1 28.3	2.011	3.005	3.5	20.2
5 1	13 47.68	− 1 5.6	2.036	3.010	5.9	20.4
5 11	13 40.44	− 0 54.8	2.088	3.016	9.1	20.6
5 21	13 34.72	− 0 57.6	2.164	3.021	12.1	20.8
5 31	13 30.92	− 1 14.1	2.260	3.026	14.6	21.0

212686 2006 WV_{74} 4 21.0 228°.77 2°.1/19.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 16.90	− 5 51.5	2.401	3.280	9.6	20.4
4 1	14 11.04	− 5 28.8	2.329	3.276	6.6	20.2
4 11	14 3.81	− 5 4.3	2.283	3.271	3.5	20.0
4 21	13 55.82	− 4 41.3	2.267	3.266	2.2	19.9
5 1	13 47.82	− 4 23.2	2.279	3.261	4.7	20.1
5 11	13 40.56	− 4 13.1	2.319	3.256	7.9	20.2
5 21	13 34.61	− 4 13.0	2.385	3.251	10.8	20.4
5 31	13 30.40	− 4 23.9	2.472	3.245	13.3	20.6

474787 2005 QK_{147} 4 21.0 211°.81 4°.7/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.29	−30 34.9	3.088	3.871	10.2	21.8
4 1	14 12.70	−30 56.9	2.994	3.864	8.3	21.7
4 11	14 4.68	−31 4.8	2.925	3.855	6.3	21.5
4 21	13 55.83	−30 57.8	2.883	3.847	4.9	21.4
5 1	13 46.84	−30 37.1	2.870	3.838	4.9	21.4
5 11	13 38.47	−30 5.6	2.887	3.828	6.3	21.5
5 21	13 31.32	−29 27.2	2.930	3.818	8.3	21.6
5 31	13 25.86	−28 46.6	2.997	3.808	10.3	21.7

103118 1999 XY_{182} 4 21.0 166°.20 0°.6/21.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.32	−14 37.6	2.442	3.302	10.2	20.2
4 1	14 12.70	−14 28.7	2.371	3.306	7.2	20.0
4 11	14 4.65	−14 12.0	2.326	3.311	3.8	19.8
4 21	13 55.83	−13 49.6	2.310	3.314	0.6	19.5
5 1	13 47.03	−13 24.5	2.324	3.318	3.4	19.8
5 11	13 39.02	−13 0.4	2.367	3.320	6.8	20.0
5 21	13 32.42	−12 40.6	2.436	3.322	9.9	20.2
5 31	13 27.65	−12 28.0	2.528	3.324	12.4	20.4

85306 1994 VL_8 4 21.0 129°.45 15°.7/14.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 35.12	+22 28.0	1.197	2.042	19.5	18.2
4 1	14 24.40	+23 12.1	1.165	2.051	17.2	18.1
4 11	14 10.75	+23 20.8	1.152	2.059	15.8	18.0
4 21	13 55.83	+22 45.3	1.160	2.067	16.0	18.1
5 1	13 41.60	+21 23.5	1.190	2.075	17.6	18.2
5 11	13 29.71	+19 21.6	1.241	2.082	20.0	18.4
5 21	13 21.11	+16 50.4	1.310	2.089	22.6	18.6
5 31	13 16.17	+14 0.5	1.395	2.095	24.8	18.8

31081 1996 XO_{13} 4 21.0 220°.72 2°.6/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 15.57	−22 28.3	2.302	3.145	11.4	18.8
4 1	14 10.26	−22 5.5	2.223	3.143	8.5	18.6
4 11	14 3.45	−21 28.1	2.168	3.140	5.4	18.4
4 21	13 55.83	−20 38.0	2.141	3.138	2.8	18.2
5 1	13 48.19	−19 39.0	2.142	3.136	3.8	18.3
5 11	13 41.36	−18 36.6	2.172	3.133	6.8	18.5
5 21	13 35.97	−17 36.2	2.227	3.130	9.9	18.7
5 31	13 32.46	−16 42.8	2.305	3.128	12.7	18.8

368690 2005 SC_{43} 4 21.0 114°.79 1°.4/22.3 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 20.05	−17 58.2	2.053	2.909	12.0	22.2
4 1	14 13.31	−17 38.1	1.996	2.928	8.6	22.0
4 11	14 4.97	−17 5.9	1.964	2.946	4.8	21.8
4 21	13 55.84	−16 24.5	1.960	2.963	1.5	21.6
5 1	13 46.88	−15 38.1	1.986	2.980	3.8	21.8
5 11	13 38.97	−14 52.2	2.039	2.997	7.4	22.1
5 21	13 32.76	−14 11.6	2.118	3.013	10.7	22.3
5 31	13 28.67	−13 40.1	2.219	3.028	13.5	22.5

36621 2000 QN_{151} 4 21.0 148°.56 4°.0/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.75	−24 43.6	2.058	2.890	12.9	18.7
4 1	14 13.32	−24 47.0	1.986	2.896	9.9	18.5
4 11	14 5.08	−24 33.5	1.938	2.901	6.7	18.4
4 21	13 55.85	−24 3.8	1.916	2.906	4.2	18.2
5 1	13 46.62	−23 21.2	1.922	2.910	4.7	18.2
5 11	13 38.39	−22 31.0	1.955	2.914	7.6	18.4
5 21	13 31.91	−21 39.5	2.014	2.918	10.8	18.6
5 31	13 27.68	−20 52.3	2.095	2.922	13.6	18.8

506571 2005 UH_{169} 4 21.0 232°.66 1°.8/23.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 14.08	−20 52.5	2.472	3.320	10.5	21.3
4 1	14 9.13	−20 14.0	2.392	3.317	7.7	21.1
4 11	14 2.84	−19 22.3	2.338	3.315	4.6	20.9
4 21	13 55.85	−18 19.9	2.312	3.312	2.0	20.8
5 1	13 48.87	−17 11.1	2.315	3.310	3.3	20.8
5 11	13 42.62	−16 1.3	2.347	3.307	6.4	21.0
5 21	13 37.67	−14 55.6	2.405	3.304	9.4	21.2
5 31	13 34.42	−13 58.4	2.486	3.302	12.1	21.4

508438 2016 LY_2 4 21.0 266°.79 7°.6/13.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 17.58	+ 7 21.0	1.907	2.790	11.5	21.5
4 1	14 11.87	+ 8 43.4	1.838	2.771	9.1	21.3
4 11	14 4.38	+ 9 58.7	1.795	2.752	7.7	21.2
4 21	13 55.86	+10 59.0	1.779	2.733	8.2	21.2
5 1	13 47.25	+11 38.0	1.788	2.713	10.4	21.3
5 11	13 39.51	+11 51.9	1.821	2.693	13.2	21.4
5 21	13 33.40	+11 40.6	1.875	2.673	16.0	21.6
5 31	13 29.45	+11 5.7	1.945	2.652	18.4	21.7

413342 2003 WM_{183} 4 21.0 203°.85 1°.4/19.9 14 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 20.29	− 9 54.4	1.965	2.841	11.5	22.4
4 1	14 13.67	− 9 17.1	1.890	2.836	8.0	22.2
4 11	14 5.27	− 8 33.0	1.842	2.831	4.1	22.0
4 21	13 55.86	− 7 46.4	1.822	2.825	1.4	21.8
5 1	13 46.43	− 7 2.4	1.830	2.818	5.0	22.0
5 11	13 37.93	− 6 26.2	1.866	2.811	9.0	22.2
5 21	13 31.12	− 6 1.5	1.927	2.802	12.5	22.4
5 31	13 26.50	− 5 50.6	2.008	2.794	15.6	22.6

510394 2011 UU_{114} 4 21.0 255°.76 6°.7/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.77	+12 2.3	2.706	3.564	9.4	21.5
4 1	14 12.96	+12 39.0	2.632	3.543	7.7	21.4
4 11	14 4.79	+13 5.7	2.585	3.522	6.7	21.3
4 21	13 55.87	+13 18.4	2.565	3.501	7.0	21.3
5 1	13 46.89	+13 13.6	2.573	3.479	8.5	21.3
5 11	13 38.58	+12 50.3	2.608	3.457	10.5	21.4
5 21	13 31.53	+12 9.1	2.666	3.434	12.5	21.6
5 31	13 26.16	+11 11.8	2.743	3.411	14.3	21.7

136676 1995 ST_{24} 4 21.0 284°.10 1°.2/20.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.16	−10 58.6	1.550	2.436	13.5	20.6
4 1	14 13.46	−10 23.0	1.462	2.412	9.5	20.3
4 11	14 5.41	− 9 37.1	1.399	2.389	4.8	19.9
4 21	13 55.86	− 8 45.5	1.361	2.365	1.3	19.6
5 1	13 46.01	− 7 54.7	1.349	2.341	5.8	19.9
5 11	13 37.12	− 7 11.9	1.364	2.316	10.8	20.1
5 21	13 30.25	− 6 42.9	1.400	2.292	15.4	20.3
5 31	13 26.09	− 6 31.1	1.455	2.267	19.2	20.5

280371 2003 UV_7 4 21.0 171°.60 1°.8/19.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 17.33	− 7 47.3	2.278	3.157	10.1	21.1
4 1	14 11.37	− 7 11.5	2.212	3.159	6.9	20.9
4 11	14 3.99	− 6 31.9	2.173	3.161	3.6	20.7
4 21	13 55.86	− 5 52.5	2.162	3.163	1.9	20.6
5 1	13 47.78	− 5 17.3	2.180	3.164	4.7	20.8
5 11	13 40.50	− 4 50.4	2.226	3.165	8.0	21.0
5 21	13 34.64	− 4 34.2	2.297	3.166	11.0	21.2
5 31	13 30.60	− 4 30.4	2.389	3.166	13.6	21.4

52002 2001 UT_{30} 4 21.0 271°.25 4°.2/17.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 17.27	− 0 8.9	2.159	3.044	10.2	18.2
4 1	14 11.44	+ 0 26.5	2.089	3.035	7.3	18.0
4 11	14 4.07	+ 0 59.8	2.045	3.025	4.8	17.9
4 21	13 55.86	+ 1 26.3	2.029	3.016	4.4	17.8
5 1	13 47.63	+ 1 41.8	2.041	3.007	6.7	17.9
5 11	13 40.20	+ 1 43.4	2.080	2.997	9.7	18.1
5 21	13 34.21	+ 1 30.1	2.142	2.988	12.6	18.3
5 31	13 30.13	+ 1 2.0	2.224	2.979	15.1	18.4

370956 2005 SQ_{79} 4 21.0 226°.38 0°.3/21.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 19.55	−14 11.1	2.027	2.895	11.6	22.7
4 1	14 13.20	−13 50.4	1.945	2.886	8.2	22.4
4 11	14 5.06	−13 20.0	1.889	2.876	4.3	22.2
4 21	13 55.87	−12 42.8	1.861	2.866	0.3	21.8
5 1	13 46.58	−12 3.0	1.861	2.855	4.1	22.1
5 11	13 38.16	−11 25.7	1.889	2.843	8.2	22.3
5 21	13 31.38	−10 55.4	1.942	2.832	11.8	22.5
5 31	13 26.77	−10 35.7	2.017	2.819	14.9	22.7

264234 2010 SF_{36} 4 21.0 226°.52 0°.5/20.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 20.78	−12 4.6	1.909	2.782	12.0	21.7
4 1	14 14.14	−11 39.1	1.828	2.771	8.4	21.5
4 11	14 5.58	−11 5.1	1.772	2.760	4.3	21.2
4 21	13 55.87	−10 25.9	1.743	2.748	0.5	20.9
5 1	13 46.05	− 9 46.2	1.744	2.736	4.7	21.2
5 11	13 37.15	− 9 11.4	1.772	2.723	8.9	21.4
5 21	13 30.00	− 8 45.9	1.824	2.709	12.7	21.6
5 31	13 25.15	− 8 32.9	1.898	2.694	15.9	21.8

312183 2007 VD_{50} 4 21.0 351°.19 1°.0/21.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.75	−14 0.0	1.336	2.220	15.4	20.4
4 1	14 15.36	−14 12.2	1.271	2.218	10.9	20.1
4 11	14 6.38	−14 13.3	1.228	2.216	5.9	19.8
4 21	13 55.88	−14 5.6	1.210	2.215	1.0	19.5
5 1	13 45.29	−13 53.0	1.218	2.214	5.3	19.8
5 11	13 36.08	−13 41.4	1.250	2.213	10.5	20.1
5 21	13 29.30	−13 35.9	1.304	2.213	15.1	20.3
5 31	13 25.60	−13 40.6	1.377	2.213	18.9	20.6

437636 2014 BF_{35} 4 21.0 37°.22 7°.0/15.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 17.80	+ 8 6.9	1.982	2.862	11.2	20.1
4 1	14 11.76	+ 8 50.6	1.936	2.868	8.8	19.9
4 11	14 4.20	+ 9 24.3	1.915	2.873	7.2	19.8
4 21	13 55.88	+ 9 42.4	1.920	2.879	7.4	19.8
5 1	13 47.70	+ 9 41.3	1.952	2.885	9.2	20.0
5 11	13 40.52	+ 9 19.8	2.008	2.891	11.7	20.1
5 21	13 34.95	+ 8 39.1	2.085	2.897	14.1	20.3
5 31	13 31.39	+ 7 41.4	2.182	2.904	16.3	20.5

388806 2008 BT_{24} 4 21.0 38°.94 11°.0/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 14.49	+22 31.5	2.191	3.032	11.9	20.2
4 1	14 9.47	+24 21.8	2.168	3.034	11.1	20.2
4 11	14 3.03	+25 51.9	2.168	3.037	11.1	20.2
4 21	13 55.88	+26 55.3	2.191	3.040	11.9	20.2
5 1	13 48.85	+27 28.3	2.236	3.043	13.3	20.3
5 11	13 42.72	+27 30.6	2.301	3.046	14.8	20.5
5 21	13 38.06	+27 4.8	2.382	3.050	16.2	20.6
5 31	13 35.26	+26 14.7	2.476	3.053	17.4	20.7

512020 2015 LO_{35} 4 21.0 294°.86 5°.1/15.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 15.11	+ 1 35.2	2.091	2.980	10.3	21.2
4 1	14 9.98	+ 2 35.5	2.025	2.970	7.6	21.0
4 11	14 3.35	+ 3 32.9	1.984	2.960	5.4	20.9
4 21	13 55.90	+ 4 21.7	1.971	2.949	5.5	20.9
5 1	13 48.42	+ 4 56.7	1.985	2.939	7.7	21.0
5 11	13 41.74	+ 5 14.2	2.024	2.929	10.6	21.1
5 21	13 36.50	+ 5 13.1	2.086	2.919	13.4	21.3
5 31	13 33.13	+ 4 53.8	2.166	2.909	15.8	21.5

471833 2012 XV_{64} 4 21.0 127°.72 0°.1/21.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 14.62	−15 7.1	2.330	3.198	10.3	21.5
4 1	14 9.49	−14 16.1	2.262	3.203	7.2	21.3
4 11	14 3.04	−13 15.4	2.221	3.208	3.7	21.1
4 21	13 55.90	−12 8.8	2.208	3.212	0.1	20.8
5 1	13 48.83	−11 1.5	2.224	3.217	3.6	21.1
5 11	13 42.54	− 9 58.6	2.268	3.222	7.1	21.3
5 21	13 37.60	− 9 4.5	2.339	3.226	10.2	21.5
5 31	13 34.40	− 8 22.5	2.431	3.230	12.8	21.7

501385 2013 YT_{68} 4 21.0 116°.87 2°.3/18.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 16.03	− 6 21.1	2.244	3.127	10.0	21.2
4 1	14 10.45	− 5 37.0	2.187	3.135	6.9	21.0
4 11	14 3.52	− 4 50.3	2.155	3.143	3.7	20.8
4 21	13 55.90	− 4 5.4	2.153	3.151	2.5	20.7
5 1	13 48.37	− 3 26.6	2.178	3.159	5.1	20.9
5 11	13 41.68	− 2 57.9	2.232	3.166	8.2	21.1
5 21	13 36.38	− 2 41.5	2.309	3.174	11.2	21.3
5 31	13 32.86	− 2 38.6	2.408	3.181	13.6	21.5

501791 2014 VV_{28} 4 21.0 296°.72 0°.6/20.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.75	−11 48.8	1.385	2.274	14.6	20.7
4 1	14 14.08	−11 31.6	1.303	2.254	10.3	20.4
4 11	14 5.82	−11 4.0	1.244	2.234	5.3	20.1
4 21	13 55.91	−10 29.7	1.210	2.215	0.6	19.7
5 1	13 45.67	− 9 54.8	1.201	2.195	5.8	20.0
5 11	13 36.54	− 9 26.1	1.217	2.176	11.2	20.2
5 21	13 29.66	− 9 9.2	1.254	2.157	16.0	20.4
5 31	13 25.78	− 9 8.1	1.310	2.138	20.1	20.6

407660 2011 SD_{166} 4 21.0 139°.78 0°.8/21.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 21.64	−15 50.9	1.583	2.455	14.1	22.1
4 1	14 14.86	−15 26.1	1.522	2.463	10.0	21.9
4 11	14 5.95	−14 48.0	1.485	2.471	5.3	21.7
4 21	13 55.91	−14 0.2	1.473	2.478	0.9	21.4
5 1	13 45.97	−13 8.6	1.490	2.485	4.7	21.6
5 11	13 37.31	−12 20.2	1.532	2.491	9.3	21.9
5 21	13 30.79	−11 40.8	1.599	2.497	13.4	22.2
5 31	13 26.91	−11 14.6	1.685	2.502	16.8	22.4

39752 1997 CB_{5} 4 21.0 164°.28 1°.0/20.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 18.32	−10 14.3	2.345	3.217	10.1	19.9
4 1	14 12.02	− 9 40.8	2.279	3.223	6.9	19.7
4 11	14 4.33	− 9 1.9	2.239	3.228	3.5	19.5
4 21	13 55.91	− 8 21.0	2.228	3.232	1.1	19.3
5 1	13 47.54	− 7 42.2	2.248	3.236	4.2	19.6
5 11	13 40.00	− 7 9.5	2.295	3.239	7.5	19.8
5 21	13 33.86	− 6 46.1	2.368	3.242	10.6	20.0
5 31	13 29.54	− 6 33.8	2.463	3.244	13.1	20.2

196533 2003 OK_{21} 4 21.0 254°.82 1°.7/19.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.33	− 7 43.5	2.294	3.169	10.1	19.9
4 1	14 12.94	− 7 20.2	2.203	3.148	7.1	19.6
4 11	14 4.92	− 6 53.0	2.138	3.127	3.7	19.4
4 21	13 55.92	− 6 25.1	2.103	3.104	1.8	19.2
5 1	13 46.74	− 6 0.5	2.096	3.082	4.7	19.4
5 11	13 38.25	− 5 42.8	2.118	3.059	8.3	19.5
5 21	13 31.15	− 5 34.9	2.166	3.035	11.6	19.7
5 31	13 25.97	− 5 38.7	2.235	3.011	14.5	19.9

332902 2011 BS_{54} 4 21.0 65°.62 9°.2/13.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 18.06	+10 13.2	1.632	2.516	13.0	20.1
4 1	14 12.15	+11 35.8	1.596	2.524	10.6	20.0
4 11	14 4.46	+12 44.3	1.584	2.533	9.2	19.9
4 21	13 55.91	+13 31.0	1.597	2.541	9.8	20.0
5 1	13 47.57	+13 50.4	1.634	2.550	11.8	20.1
5 11	13 40.45	+13 41.3	1.693	2.559	14.3	20.3
5 21	13 35.22	+13 5.8	1.771	2.568	16.8	20.5
5 31	13 32.31	+12 7.7	1.866	2.577	19.0	20.7

62123 2000 RC_{103} 4 21.0 247°.78 4°.8/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 18.64	−26 39.9	1.880	2.710	14.0	18.6
4 1	14 12.81	−26 38.7	1.798	2.705	11.0	18.4
4 11	14 4.95	−26 17.3	1.740	2.699	7.7	18.2
4 21	13 55.92	−25 35.9	1.706	2.693	5.1	18.0
5 1	13 46.78	−24 38.0	1.700	2.687	5.4	18.0
5 11	13 38.67	−23 30.1	1.720	2.681	8.3	18.2
5 21	13 32.43	−22 19.9	1.765	2.675	11.7	18.4
5 31	13 28.63	−21 14.8	1.832	2.668	14.9	18.6

264682 2001 YL_{119} 4 21.0 79°.95 2°.2/19.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.48	− 7 54.9	1.707	2.593	12.4	20.4
4 1	14 13.05	− 7 15.3	1.663	2.613	8.5	20.2
4 11	14 4.89	− 6 31.7	1.644	2.633	4.4	20.0
4 21	13 55.93	− 5 49.1	1.652	2.653	2.3	19.9
5 1	13 47.21	− 5 13.0	1.687	2.673	5.6	20.1
5 11	13 39.69	− 4 47.9	1.748	2.692	9.5	20.4
5 21	13 34.06	− 4 36.4	1.833	2.712	13.0	20.6
5 31	13 30.71	− 4 39.7	1.938	2.731	15.8	20.9

369032 2008 AW_{18} 4 21.0 324°.94 1°.6/19.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 17.28	− 9 56.8	1.303	2.200	14.7	20.2
4 1	14 12.33	− 9 27.1	1.231	2.186	10.2	19.9
4 11	14 4.89	− 8 48.3	1.182	2.173	5.2	19.6
4 21	13 55.94	− 8 5.8	1.156	2.160	1.7	19.3
5 1	13 46.81	− 7 26.6	1.156	2.148	6.4	19.6
5 11	13 38.90	− 6 58.0	1.179	2.137	11.6	19.8
5 21	13 33.25	− 6 45.0	1.223	2.126	16.3	20.1
5 31	13 30.55	− 6 50.2	1.285	2.116	20.3	20.3

113612 2002 TU_{54} 4 21.0 229°.91 0°.2/20.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 16.89	−12 52.7	2.226	3.097	10.6	20.6
4 1	14 11.20	−12 28.7	2.149	3.092	7.4	20.3
4 11	14 4.00	−11 57.0	2.099	3.087	3.8	20.1
4 21	13 55.95	−11 20.5	2.076	3.081	0.2	19.8
5 1	13 47.86	−10 43.3	2.082	3.075	3.9	20.1
5 11	13 40.56	−10 9.8	2.117	3.069	7.5	20.3
5 21	13 34.69	− 9 43.7	2.176	3.063	10.8	20.5
5 31	13 30.71	− 9 27.8	2.257	3.057	13.6	20.7

252976 2002 QB_{23} 4 21.0 205°.94 0°.2/21.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.86	−14 20.4	2.024	2.891	11.7	21.8
4 1	14 13.40	−13 49.7	1.946	2.886	8.2	21.6
4 11	14 5.17	−13 8.8	1.894	2.880	4.3	21.4
4 21	13 55.95	−12 21.0	1.869	2.874	0.2	21.0
5 1	13 46.68	−11 30.9	1.873	2.867	4.2	21.3
5 11	13 38.32	−10 44.2	1.906	2.859	8.2	21.6
5 21	13 31.61	−10 5.7	1.963	2.850	11.8	21.8
5 31	13 27.06	− 9 38.8	2.042	2.841	14.9	21.9

486690 2013 UG_{15} 4 21.0 220°.01 2°.1/16.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 8.28	− 1 17.1	4.646	5.527	5.3	21.7
4 1	14 4.67	− 0 31.4	4.578	5.523	3.7	21.6
4 11	14 0.46	+ 0 13.8	4.539	5.519	2.4	21.5
4 21	13 55.93	+ 0 56.3	4.530	5.515	2.3	21.4
5 1	13 51.42	+ 1 33.7	4.551	5.511	3.5	21.5
5 11	13 47.23	+ 2 4.3	4.601	5.507	5.1	21.6
5 21	13 43.63	+ 2 27.0	4.677	5.503	6.6	21.8
5 31	13 40.85	+ 2 40.9	4.775	5.498	7.9	21.9

129217 2005 NB_{85} 4 21.0 217°.59 5°.0/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 16.02	+ 2 23.7	2.214	3.100	10.0	19.6
4 1	14 10.51	+ 3 19.2	2.155	3.098	7.4	19.5
4 11	14 3.60	+ 4 10.7	2.122	3.095	5.4	19.3
4 21	13 55.95	+ 4 53.1	2.117	3.093	5.4	19.3
5 1	13 48.34	+ 5 21.7	2.139	3.090	7.4	19.4
5 11	13 41.54	+ 5 33.8	2.187	3.088	10.1	19.6
5 21	13 36.13	+ 5 28.4	2.258	3.085	12.7	19.8
5 31	13 32.53	+ 5 6.2	2.349	3.082	14.9	19.9

259015 2002 TK_{145} 4 21.0 304°.91 0°.4/21.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 17.25	−15 5.6	1.405	2.290	14.7	20.2
4 1	14 12.30	−14 34.8	1.322	2.270	10.5	19.9
4 11	14 4.90	−13 48.5	1.262	2.250	5.6	19.5
4 21	13 55.96	−12 50.7	1.226	2.231	0.5	19.1
5 1	13 46.73	−11 48.1	1.216	2.211	5.4	19.4
5 11	13 38.60	−10 49.3	1.230	2.192	10.7	19.6
5 21	13 32.64	−10 1.9	1.266	2.174	15.5	19.8
5 31	13 29.55	− 9 31.3	1.320	2.156	19.6	20.1

246452 2007 VP_{229} 4 21.0 254°.91 0°.4/21.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 16.59	−14 39.5	2.134	3.003	11.0	21.0
4 1	14 11.06	−14 17.6	2.058	2.999	7.8	20.8
4 11	14 3.95	−13 46.4	2.008	2.995	4.1	20.6
4 21	13 55.96	−13 8.6	1.985	2.990	0.4	20.3
5 1	13 47.93	−12 28.5	1.991	2.986	3.8	20.5
5 11	13 40.73	−11 50.8	2.025	2.982	7.6	20.7
5 21	13 35.03	−11 19.6	2.084	2.977	11.0	20.9
5 31	13 31.28	−10 58.4	2.164	2.973	13.9	21.1

349880 2009 DD_{84} 4 21.0 209°.47 2°.5/18.4 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 15.30	− 5 46.2	2.293	3.177	9.8	20.7
4 1	14 10.00	− 4 57.0	2.226	3.175	6.7	20.6
4 11	14 3.35	− 4 5.1	2.185	3.173	3.7	20.4
4 21	13 55.97	− 3 15.1	2.173	3.170	2.7	20.3
5 1	13 48.60	− 2 31.6	2.190	3.168	5.3	20.4
5 11	13 42.00	− 1 58.6	2.233	3.165	8.4	20.6
5 21	13 36.72	− 1 38.6	2.301	3.162	11.3	20.8
5 31	13 33.20	− 1 32.9	2.390	3.159	13.8	21.0

466381 2013 SP_{16} 4 21.0 269°.61 3°.0/18.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 16.75	− 8 3.9	1.762	2.651	12.0	22.0
4 1	14 11.49	− 6 38.5	1.679	2.630	8.3	21.7
4 11	14 4.31	− 5 3.6	1.621	2.610	4.5	21.4
4 21	13 55.97	− 3 26.6	1.590	2.588	3.3	21.3
5 1	13 47.48	− 1 56.0	1.588	2.567	6.7	21.5
5 11	13 39.88	− 0 39.8	1.611	2.545	10.9	21.6
5 21	13 33.99	+ 0 16.7	1.658	2.523	14.8	21.8
5 31	13 30.39	+ 0 50.6	1.723	2.500	18.1	22.0

144102 2004 BH_{66} 4 21.0 235°.75 4°.4/17.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.24	− 2 26.3	1.773	2.662	11.9	20.7
4 1	14 13.11	− 1 28.2	1.704	2.653	8.4	20.5
4 11	14 5.08	− 0 29.3	1.659	2.643	5.2	20.2
4 21	13 55.97	+ 0 24.1	1.642	2.633	4.6	20.2
5 1	13 46.82	+ 1 5.4	1.652	2.622	7.5	20.3
5 11	13 38.64	+ 1 30.0	1.687	2.611	11.2	20.5
5 21	13 32.25	+ 1 35.5	1.745	2.599	14.7	20.7
5 31	13 28.16	+ 1 21.9	1.822	2.587	17.6	20.9

122093 2000 HQ_{60} 4 21.0 281°.82 0°.2/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.39	−12 49.7	1.720	2.598	12.8	20.5
4 1	14 13.49	−12 29.4	1.629	2.575	9.1	20.2
4 11	14 5.43	−11 59.0	1.563	2.552	4.7	19.9
4 21	13 55.98	−11 21.7	1.524	2.529	0.2	19.5
5 1	13 46.24	−10 42.4	1.512	2.505	4.9	19.8
5 11	13 37.39	−10 7.1	1.526	2.481	9.6	20.0
5 21	13 30.39	− 9 41.0	1.563	2.458	13.9	20.2
5 31	13 25.89	− 9 28.1	1.621	2.434	17.5	20.4

185325 Anupabhagwat 4 21.0 326°.52 4°.0/24.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 17.28	−25 1.0	2.184	3.016	12.3	20.1
4 1	14 11.63	−25 9.2	2.106	3.014	9.5	19.9
4 11	14 4.29	−25 1.5	2.050	3.012	6.5	19.7
4 21	13 55.98	−24 38.5	2.022	3.010	4.2	19.6
5 1	13 47.60	−24 2.7	2.021	3.008	4.7	19.6
5 11	13 40.08	−23 19.0	2.047	3.006	7.3	19.8
5 21	13 34.13	−22 32.8	2.098	3.005	10.3	20.0
5 31	13 30.26	−21 49.6	2.173	3.003	13.1	20.1

194071 2001 SL_{144} 4 21.0 55°.43 0°.6/21.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 19.69	−15 43.7	1.313	2.196	15.6	20.5
4 1	14 13.88	−15 11.2	1.252	2.198	11.1	20.2
4 11	14 5.62	−14 22.7	1.212	2.200	5.9	19.9
4 21	13 55.99	−13 23.0	1.198	2.203	0.7	19.5
5 1	13 46.40	−12 19.7	1.209	2.205	5.4	19.9
5 11	13 38.23	−11 21.6	1.244	2.207	10.6	20.2
5 21	13 32.45	−10 35.8	1.302	2.209	15.2	20.4
5 31	13 29.62	−10 7.1	1.378	2.212	19.0	20.7

510412 2011 UF_{218} 4 21.0 166°.77 0°.8/20.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 16.92	− 9 59.5	2.597	3.468	9.2	22.1
4 1	14 11.01	− 9 44.9	2.527	3.470	6.4	21.9
4 11	14 3.84	− 9 26.0	2.484	3.472	3.2	21.7
4 21	13 55.98	− 9 5.4	2.470	3.474	0.8	21.5
5 1	13 48.15	− 8 46.1	2.486	3.476	3.7	21.7
5 11	13 41.01	− 8 31.1	2.530	3.477	6.8	21.9
5 21	13 35.11	− 8 22.7	2.601	3.478	9.6	22.1
5 31	13 30.86	− 8 22.8	2.694	3.479	12.0	22.3

60983 2000 KP_{13} 4 21.1 171°.09 1°.3/22.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 20.77	−18 11.5	1.719	2.582	13.6	19.6
4 1	14 14.22	−17 31.0	1.650	2.585	9.8	19.4
4 11	14 5.65	−16 34.5	1.605	2.588	5.4	19.1
4 21	13 56.00	−15 26.1	1.587	2.591	1.4	18.9
5 1	13 46.40	−14 11.9	1.597	2.593	4.4	19.1
5 11	13 37.97	−13 0.0	1.635	2.594	8.8	19.3
5 21	13 31.52	−11 57.0	1.697	2.594	12.8	19.6
5 31	13 27.56	−11 8.2	1.779	2.594	16.2	19.8

417514 2006 SW_{284} 4 21.1 158°.52 1°.6/19.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.80	− 9 3.4	2.157	3.032	10.7	22.2
4 1	14 13.14	− 8 20.9	2.095	3.040	7.4	22.0
4 11	14 4.96	− 7 33.4	2.059	3.048	3.8	21.7
4 21	13 56.00	− 6 44.9	2.052	3.055	1.7	21.6
5 1	13 47.13	− 6 0.4	2.075	3.061	4.7	21.8
5 11	13 39.19	− 5 24.2	2.126	3.066	8.3	22.0
5 21	13 32.80	− 4 59.4	2.201	3.071	11.5	22.3
5 31	13 28.40	− 4 47.8	2.299	3.074	14.1	22.4

413253 2003 SU_{325} 4 21.1 109°.96 3°.7/23.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.33	−22 15.0	1.554	2.408	15.2	21.6
4 1	14 14.82	−22 15.0	1.490	2.415	11.4	21.4
4 11	14 6.04	−21 55.8	1.448	2.422	7.3	21.2
4 21	13 56.00	−21 18.8	1.432	2.429	3.9	21.0
5 1	13 46.01	−20 28.8	1.443	2.436	5.2	21.1
5 11	13 37.34	−19 33.1	1.479	2.443	9.1	21.3
5 21	13 30.91	−18 39.5	1.539	2.449	13.1	21.5
5 31	13 27.25	−17 54.6	1.619	2.455	16.5	21.8

461916 2006 RX_{72} 4 21.1 230°.51 0°.1/21.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.84	−14 2.1	1.773	2.646	12.7	22.0
4 1	14 13.62	−13 35.7	1.696	2.639	9.0	21.8
4 11	14 5.39	−12 58.4	1.643	2.630	4.7	21.5
4 21	13 56.00	−12 13.6	1.617	2.622	0.1	21.1
5 1	13 46.51	−11 26.5	1.619	2.613	4.6	21.4
5 11	13 38.03	−10 43.1	1.648	2.603	9.0	21.7
5 21	13 31.39	−10 8.8	1.700	2.594	13.0	21.9
5 31	13 27.17	− 9 47.2	1.774	2.584	16.4	22.1

333667 2008 SQ_{284} 4 21.1 221°.66 1°.7/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 18.42	−18 52.4	2.287	3.139	11.1	21.5
4 1	14 12.33	−18 38.6	2.202	3.130	8.1	21.3
4 11	14 4.63	−18 12.8	2.143	3.122	4.7	21.0
4 21	13 56.00	−17 36.9	2.111	3.113	1.9	20.8
5 1	13 47.29	−16 54.4	2.109	3.103	3.6	20.9
5 11	13 39.35	−16 9.9	2.134	3.093	7.1	21.1
5 21	13 32.89	−15 28.2	2.186	3.082	10.4	21.3
5 31	13 28.38	−14 53.8	2.261	3.071	13.3	21.5

263270 2008 BP_{25} 4 21.1 190°.92 1°.6/19.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.65	− 9 35.9	1.914	2.793	11.7	22.0
4 1	14 13.26	− 8 49.1	1.845	2.792	8.0	21.7
4 11	14 5.11	− 7 55.5	1.801	2.790	4.1	21.5
4 21	13 56.01	− 6 59.9	1.785	2.788	1.7	21.3
5 1	13 46.91	− 6 8.0	1.798	2.785	5.2	21.5
5 11	13 38.79	− 5 25.4	1.838	2.782	9.2	21.8
5 21	13 32.37	− 4 55.8	1.903	2.777	12.7	22.0
5 31	13 28.16	− 4 41.4	1.987	2.773	15.7	22.2

432011 2008 UC_{357} 4 21.1 191°.66 2°.2/23.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 16.97	−22 16.1	2.437	3.276	10.9	22.1
4 1	14 11.19	−21 34.5	2.355	3.274	8.1	21.9
4 11	14 3.98	−20 38.0	2.299	3.272	5.0	21.7
4 21	13 56.00	−19 29.2	2.271	3.269	2.3	21.5
5 1	13 48.04	−18 12.5	2.272	3.266	3.5	21.6
5 11	13 40.88	−16 53.8	2.303	3.262	6.6	21.8
5 21	13 35.12	−15 38.9	2.361	3.258	9.7	22.0
5 31	13 31.18	−14 32.7	2.442	3.253	12.4	22.1

424074 2007 DA_{21} 4 21.1 37°.70 6°.1/16.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 15.66	− 0 51.8	1.366	2.271	13.6	20.1
4 1	14 10.72	+ 0 40.2	1.329	2.283	9.7	19.9
4 11	14 3.83	+ 2 9.3	1.314	2.296	6.6	19.8
4 21	13 56.00	+ 3 26.0	1.325	2.310	6.6	19.8
5 1	13 48.40	+ 4 22.0	1.361	2.324	9.5	20.0
5 11	13 42.13	+ 4 52.5	1.419	2.339	13.2	20.3
5 21	13 37.90	+ 4 57.0	1.498	2.354	16.5	20.5
5 31	13 36.12	+ 4 37.3	1.593	2.370	19.3	20.8

341091 2007 JQ_2 4 21.1 275°.72 3°.7/18.3 17

3 22	14 20.91	− 2 10.8	1.974	2.856	11.2	20.2
4 1	14 14.28	− 1 47.8	1.887	2.833	8.0	19.9
4 11	14 5.74	− 1 25.6	1.825	2.809	4.8	19.7
4 21	13 56.01	− 1 8.4	1.791	2.785	3.8	19.5
5 1	13 46.06	− 1 0.7	1.786	2.761	6.6	19.7
5 11	13 36.91	− 1 5.8	1.807	2.736	10.2	19.8
5 21	13 29.38	− 1 25.3	1.853	2.711	13.7	20.0
5 31	13 24.07	− 1 59.7	1.918	2.686	16.8	20.2

207930 2008 XD_{37} 4 21.1 170°.49 0°.4/21.4 17

3 22	14 17.60	−14 38.6	2.161	3.028	11.0	21.2
4 1	14 11.71	−14 16.2	2.090	3.030	7.7	21.0
4 11	14 4.28	−13 44.8	2.045	3.031	4.1	20.7
4 21	13 56.01	−13 7.0	2.028	3.033	0.4	20.4
5 1	13 47.75	−12 27.1	2.039	3.034	3.8	20.7
5 11	13 40.34	−11 49.7	2.079	3.034	7.5	20.9
5 21	13 34.45	−11 18.8	2.144	3.035	10.8	21.1
5 31	13 30.51	−10 57.8	2.230	3.035	13.6	21.3

388055 2005 TW_{10} 4 21.1 264°.40 1°.6/22.4 18

3 22	14 19.56	−16 54.2	2.497	3.349	10.3	20.6
4 1	14 13.10	−17 8.1	2.403	3.332	7.4	20.4
4 11	14 5.04	−17 13.6	2.336	3.316	4.3	20.1
4 21	13 56.02	−17 11.6	2.297	3.299	1.6	19.9
5 1	13 46.80	−17 4.0	2.288	3.281	3.5	20.0
5 11	13 38.22	−16 53.8	2.307	3.264	6.8	20.2
5 21	13 30.98	−16 44.4	2.354	3.246	9.9	20.4
5 31	13 25.58	−16 39.0	2.423	3.228	12.7	20.5

127579 2003 AJ_{58} 4 21.1 323°.68 13°.3/ 2.4 18

3 22	14 16.59	+29 53.6	2.095	2.899	13.7	18.8
4 1	14 11.10	+31 32.2	2.070	2.893	13.3	18.8
4 11	14 3.97	+32 44.8	2.067	2.887	13.5	18.8
4 21	13 56.01	+33 25.3	2.084	2.881	14.3	18.8
5 1	13 48.17	+33 30.7	2.120	2.875	15.5	18.9
5 11	13 41.36	+33 1.7	2.173	2.870	16.8	19.0
5 21	13 36.24	+32 2.0	2.240	2.865	18.1	19.1
5 31	13 33.23	+30 36.7	2.320	2.860	19.2	19.2

165701 2001 PN_{46} 4 21.1 184°.99 3°.2/17.3 18

3 22	14 16.81	− 0 31.0	2.906	3.782	8.2	21.0
4 1	14 10.81	+ 0 4.7	2.840	3.782	5.8	20.8
4 11	14 3.70	+ 0 38.7	2.803	3.782	3.8	20.7
4 21	13 56.01	+ 1 7.8	2.794	3.780	3.4	20.7
5 1	13 48.36	+ 1 28.9	2.816	3.779	5.2	20.8
5 11	13 41.33	+ 1 39.5	2.866	3.777	7.6	20.9
5 21	13 35.40	+ 1 38.7	2.941	3.774	9.9	21.1
5 31	13 30.94	+ 1 26.0	3.038	3.770	11.9	21.2

374179 2004 XQ_{76} 4 21.1 125°.73 2°.1/23.2 18 R

3 22	14 18.15	−20 45.3	2.220	3.067	11.6	20.9
4 1	14 12.02	−20 18.0	2.156	3.080	8.5	20.7
4 11	14 4.39	−19 37.0	2.117	3.093	5.1	20.5
4 21	13 56.02	−18 44.8	2.106	3.106	2.2	20.3
5 1	13 47.75	−17 45.9	2.124	3.118	3.6	20.5
5 11	13 40.42	−16 45.9	2.170	3.130	6.9	20.7
5 21	13 34.64	−15 50.0	2.243	3.141	10.1	20.9
5 31	13 30.82	−15 2.6	2.338	3.152	12.8	21.1

42582 1997 EW_4 4 21.1 337°.83 1°.4/22.1 18

3 22	14 18.39	−16 15.6	1.688	2.560	13.3	19.1
4 1	14 12.69	−16 14.4	1.616	2.556	9.6	18.8
4 11	14 4.95	−16 1.2	1.567	2.552	5.3	18.5
4 21	13 56.02	−15 38.2	1.545	2.548	1.5	18.3
5 1	13 47.02	−15 9.5	1.549	2.545	4.4	18.5
5 11	13 39.06	−14 40.6	1.579	2.542	8.8	18.7
5 21	13 33.01	−14 16.6	1.633	2.539	12.7	18.9
5 31	13 29.43	−14 1.8	1.708	2.537	16.1	19.2

502061 2015 AC_{176} 4 21.1 127°.06 1°.1/20.2 17

3 22	14 19.06	−10 20.5	1.807	2.688	12.1	21.6
4 1	14 12.91	− 9 53.9	1.744	2.692	8.4	21.3
4 11	14 4.95	− 9 20.6	1.706	2.696	4.2	21.1
4 21	13 56.02	− 8 44.7	1.695	2.699	1.2	20.9
5 1	13 47.15	− 8 11.2	1.713	2.703	4.9	21.1
5 11	13 39.32	− 7 44.8	1.756	2.707	9.0	21.4
5 21	13 33.28	− 7 29.3	1.824	2.710	12.6	21.6
5 31	13 29.49	− 7 26.6	1.912	2.713	15.7	21.8

370954 2005 SH_{65} 4 21.1 177°.98 2°.6/23.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 22.25	−19 39.8	2.063	2.910	12.3	21.4
4 1	14 15.11	−19 53.1	1.988	2.911	9.1	21.2
4 11	14 6.11	−19 54.0	1.937	2.913	5.5	21.0
4 21	13 56.03	−19 43.1	1.914	2.913	2.7	20.8
5 1	13 45.89	−19 23.0	1.921	2.913	4.2	20.9
5 11	13 36.71	−18 58.2	1.955	2.913	7.7	21.1
5 21	13 29.27	−18 33.5	2.015	2.912	11.1	21.3
5 31	13 24.11	−18 13.5	2.097	2.911	14.0	21.5

29061 2193 $T\text{-}_3$ 4 21.1 100°.82 1°.2/22.0 18

3 22	14 21.14	−16 40.4	1.818	2.682	12.9	19.3
4 1	14 14.25	−16 24.1	1.765	2.702	9.2	19.1
4 11	14 5.58	−15 55.7	1.737	2.721	5.0	18.9
4 21	13 56.03	−15 18.4	1.736	2.740	1.3	18.7
5 1	13 46.67	−14 36.9	1.763	2.758	4.1	18.9
5 11	13 38.50	−13 56.7	1.817	2.776	8.1	19.2
5 21	13 32.24	−13 22.9	1.897	2.793	11.7	19.4
5 31	13 28.30	−12 59.2	1.997	2.810	14.7	19.7

205963 2002 LD_{14} 4 21.1 297°.73 0°.3/21.3 17

3 22	14 19.47	−13 57.0	1.413	2.297	14.7	20.3
4 1	14 13.94	−13 43.1	1.327	2.275	10.5	20.0
4 11	14 5.83	−13 16.6	1.263	2.252	5.6	19.6
4 21	13 56.03	−12 40.4	1.225	2.230	0.4	19.2
5 1	13 45.85	−12 0.0	1.212	2.207	5.4	19.5
5 11	13 36.72	−11 22.8	1.223	2.185	10.8	19.7
5 21	13 29.80	−10 55.2	1.257	2.163	15.7	19.9
5 31	13 25.87	−10 42.2	1.308	2.141	19.9	20.1

431345 2007 BK_{62} 4 21.1 260°.25 21°.6/29.8 18

3 22	14 21.93	+30 27.4	1.041	1.883	21.9	20.0
4 1	14 15.90	+33 25.8	1.029	1.881	21.6	20.0
4 11	14 6.75	+35 35.8	1.033	1.878	22.3	20.0
4 21	13 56.03	+36 44.7	1.053	1.876	23.7	20.1
5 1	13 45.65	+36 48.0	1.086	1.873	25.5	20.2
5 11	13 37.35	+35 50.5	1.130	1.870	27.3	20.3
5 21	13 32.14	+34 2.7	1.183	1.868	29.0	20.5
5 31	13 30.46	+31 36.2	1.243	1.865	30.5	20.6

75374 1999 XG_{84} 4 21.1 131°.32 5°.3/25.8 18

3 22	14 20.83	−28 40.9	1.833	2.653	14.8	19.5
4 1	14 14.28	−28 33.2	1.765	2.663	11.6	19.3
4 11	14 5.70	−28 2.7	1.720	2.673	8.3	19.1
4 21	13 56.04	−27 10.4	1.700	2.682	5.7	18.9
5 1	13 46.47	−26 0.3	1.707	2.691	5.7	19.0
5 11	13 38.12	−24 40.0	1.740	2.699	8.4	19.1
5 21	13 31.80	−23 18.0	1.799	2.707	11.6	19.3
5 31	13 28.00	−22 2.2	1.880	2.715	14.6	19.6

267371 2001 XJ_{118} 4 21.1 55°.12 8°.8/15.4 18

3 22	14 21.29	+ 8 51.6	1.474	2.360	14.0	19.8
4 1	14 14.35	+ 9 46.9	1.452	2.385	11.0	19.7
4 11	14 5.57	+10 27.1	1.453	2.411	9.0	19.6
4 21	13 56.04	+10 45.6	1.478	2.437	9.1	19.7
5 1	13 46.97	+10 38.6	1.528	2.463	11.1	19.9
5 11	13 39.39	+10 6.3	1.601	2.489	13.9	20.1
5 21	13 33.96	+ 9 11.8	1.694	2.515	16.5	20.3
5 31	13 31.02	+ 7 59.4	1.804	2.541	18.7	20.6

191084 2002 CE_{249} 4 21.1 298°.81 0°.4/21.4 17

3 22	14 17.38	−14 52.5	1.769	2.644	12.6	20.5
4 1	14 11.87	−14 23.0	1.698	2.641	8.9	20.3
4 11	14 4.48	−13 42.0	1.651	2.638	4.7	20.0
4 21	13 56.04	−12 53.1	1.631	2.635	0.4	19.7
5 1	13 47.59	−12 1.6	1.638	2.633	4.4	20.0
5 11	13 40.14	−11 13.9	1.672	2.630	8.7	20.2
5 21	13 34.48	−10 35.2	1.729	2.627	12.6	20.4
5 31	13 31.12	−10 9.3	1.807	2.625	15.8	20.6

435847 2008 WL_{118} 4 21.1 178°.92 1°.2/19.9 17

3 22	14 17.88	− 9 29.8	2.262	3.138	10.2	22.0
4 1	14 11.84	− 9 1.9	2.194	3.139	7.1	21.8
4 11	14 4.33	− 8 29.1	2.151	3.140	3.6	21.6
4 21	13 56.05	− 7 54.8	2.137	3.140	1.3	21.4
5 1	13 47.78	− 7 22.9	2.152	3.140	4.3	21.6
5 11	13 40.32	− 6 57.4	2.195	3.140	7.8	21.8
5 21	13 34.29	− 6 41.2	2.263	3.139	10.9	22.0
5 31	13 30.12	− 6 36.2	2.353	3.138	13.6	22.2

260916 2005 RG_{19} 4 21.1 200°.38 2°.5/18.1 18

3 22	14 14.18	− 5 29.1	2.570	3.452	8.9	21.1
4 1	14 9.14	− 4 32.6	2.502	3.450	6.1	21.0
4 11	14 2.91	− 3 33.7	2.461	3.448	3.5	20.8
4 21	13 56.04	− 2 36.7	2.450	3.445	2.7	20.7
5 1	13 49.19	− 1 46.1	2.467	3.443	5.0	20.9
5 11	13 43.01	− 1 5.6	2.513	3.440	7.8	21.0
5 21	13 38.00	− 0 37.8	2.583	3.436	10.5	21.2
5 31	13 34.54	− 0 23.7	2.674	3.433	12.7	21.4

498703 2008 TV_{28} 4 21.1 170°.64 0°.2/20.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 16.83	−13 47.1	2.448	3.314	9.9	22.1
4 1	14 11.02	−12 58.4	2.378	3.318	6.9	21.9
4 11	14 3.88	−12 1.2	2.334	3.322	3.5	21.7
4 21	13 56.05	−10 59.3	2.319	3.324	0.3	21.4
5 1	13 48.27	− 9 57.2	2.335	3.327	3.7	21.7
5 11	13 41.27	− 8 59.9	2.379	3.328	7.0	21.9
5 21	13 35.59	− 8 11.4	2.449	3.329	10.1	22.1
5 31	13 31.64	− 7 34.5	2.542	3.330	12.6	22.3

95620 2002 GC_{9} 4 21.1 76°.97 3°.1/17.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 15.56	− 9 58.8	1.783	2.671	11.9	18.9
4 1	14 10.40	− 7 32.3	1.726	2.678	8.1	18.7
4 11	14 3.62	− 4 55.5	1.696	2.685	4.3	18.5
4 21	13 56.05	− 2 19.1	1.696	2.692	3.5	18.4
5 1	13 48.62	+ 0 5.7	1.726	2.699	6.9	18.7
5 11	13 42.24	+ 2 9.3	1.784	2.707	10.7	18.9
5 21	13 37.55	+ 3 46.5	1.865	2.714	14.1	19.1
5 31	13 34.94	+ 4 55.7	1.967	2.721	16.8	19.3

497933 2006 WB_{32} 4 21.1 173°.92 3°.0/18.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.85	− 5 15.4	1.887	2.771	11.5	22.3
4 1	14 13.39	− 4 32.6	1.825	2.773	8.0	22.1
4 11	14 5.19	− 3 47.5	1.788	2.775	4.4	21.9
4 21	13 56.06	− 3 5.2	1.779	2.776	3.2	21.8
5 1	13 46.99	− 2 31.0	1.798	2.777	6.1	22.0
5 11	13 38.93	− 2 9.0	1.844	2.778	9.8	22.2
5 21	13 32.58	− 2 1.8	1.913	2.778	13.1	22.4
5 31	13 28.43	− 2 10.0	2.003	2.777	15.9	22.6

502770 2015 DV_{81} 4 21.1 138°.58 1°.6/19.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 18.50	− 8 40.2	2.040	2.920	11.0	21.9
4 1	14 12.34	− 8 5.9	1.979	2.927	7.6	21.7
4 11	14 4.60	− 7 27.0	1.945	2.934	3.9	21.4
4 21	13 56.06	− 6 47.5	1.938	2.940	1.7	21.3
5 1	13 47.60	− 6 12.1	1.960	2.946	4.9	21.5
5 11	13 40.08	− 5 45.0	2.009	2.952	8.5	21.7
5 21	13 34.14	− 5 29.1	2.083	2.958	11.7	22.0
5 31	13 30.23	− 5 26.1	2.177	2.963	14.5	22.2

438367 2006 SW_{323} 4 21.1 195°.97 0°.1/20.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 18.01	−12 15.6	2.505	3.372	9.7	21.7
4 1	14 11.87	−12 7.2	2.430	3.370	6.8	21.5
4 11	14 4.35	−11 52.9	2.381	3.368	3.5	21.3
4 21	13 56.06	−11 34.9	2.361	3.366	0.1	20.9
5 1	13 47.75	−11 16.1	2.371	3.363	3.5	21.2
5 11	13 40.16	−10 59.8	2.409	3.360	6.8	21.5
5 21	13 33.87	−10 48.7	2.473	3.357	9.8	21.6
5 31	13 29.32	−10 45.3	2.561	3.354	12.4	21.8

358098 2006 KL_{25} 4 21.1 2°.10 2°.2/22.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 17.04	−19 49.5	1.272	2.150	16.4	20.0
4 1	14 12.17	−19 12.5	1.208	2.149	11.9	19.7
4 11	14 4.82	−18 13.6	1.165	2.149	6.9	19.4
4 21	13 56.07	−16 57.0	1.146	2.149	2.4	19.1
5 1	13 47.33	−15 31.0	1.152	2.150	5.2	19.3
5 11	13 40.00	−14 6.6	1.182	2.151	10.3	19.6
5 21	13 35.06	−12 53.2	1.235	2.152	15.0	19.9
5 31	13 33.07	−11 57.6	1.305	2.154	19.0	20.1

85625 1998 HW_{140} 4 21.1 341°.40 4°.2/18.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 15.82	− 2 25.3	1.532	2.432	12.7	18.0
4 1	14 11.02	− 1 59.4	1.461	2.416	9.0	17.7
4 11	14 4.16	− 1 34.5	1.414	2.400	5.5	17.5
4 21	13 56.07	− 1 16.1	1.391	2.387	4.4	17.4
5 1	13 47.86	− 1 9.5	1.395	2.374	7.5	17.5
5 11	13 40.66	− 1 18.8	1.422	2.362	11.5	17.7
5 21	13 35.36	− 1 45.2	1.470	2.352	15.4	17.9
5 31	13 32.54	− 2 28.7	1.537	2.342	18.7	18.1

338684 2003 TM_{29} 4 21.1 139°.50 0°.2/20.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 17.34	−13 4.5	2.041	2.915	11.3	21.5
4 1	14 11.59	−12 34.0	1.975	2.918	7.9	21.3
4 11	14 4.25	−11 55.1	1.934	2.922	4.0	21.0
4 21	13 56.07	−11 11.2	1.920	2.925	0.2	20.7
5 1	13 47.93	−10 27.0	1.935	2.928	4.1	21.0
5 11	13 40.69	− 9 47.6	1.978	2.931	7.9	21.3
5 21	13 35.03	− 9 16.9	2.045	2.934	11.3	21.5
5 31	13 31.38	− 8 57.9	2.134	2.937	14.2	21.7

122614 2000 RF_{49} 4 21.1 244°.86 5°.0/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.30	−28 51.8	2.144	2.956	13.2	20.5
4 1	14 13.23	−28 43.6	2.048	2.941	10.5	20.3
4 11	14 5.23	−28 14.9	1.975	2.925	7.6	20.1
4 21	13 56.08	−27 25.7	1.927	2.908	5.3	19.9
5 1	13 46.76	−26 18.7	1.908	2.891	5.4	19.8
5 11	13 38.32	−25 0.1	1.916	2.874	7.9	20.0
5 21	13 31.56	−23 37.3	1.951	2.856	11.0	20.1
5 31	13 27.09	−22 17.8	2.008	2.837	14.0	20.3

53218 1999 CN_{88} 4 21.1 343°.03 9°.3/15.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 20.22	+ 8 47.4	1.376	2.267	14.5	18.0
4 1	14 14.13	+ 9 34.8	1.323	2.260	11.5	17.8
4 11	14 5.74	+10 8.0	1.292	2.254	9.5	17.6
4 21	13 56.09	+10 19.0	1.285	2.248	9.7	17.6
5 1	13 46.49	+10 2.2	1.301	2.243	12.0	17.8
5 11	13 38.24	+ 9 16.7	1.340	2.239	15.3	17.9
5 21	13 32.23	+ 8 5.3	1.398	2.235	18.5	18.1
5 31	13 29.01	+ 6 32.5	1.472	2.233	21.3	18.3

508310 2015 KK_{96} 4 21.1 173°.05 6°.3/13.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 16.58	+11 47.3	2.856	3.718	8.8	21.7
4 1	14 10.65	+12 34.4	2.808	3.721	7.2	21.6
4 11	14 3.64	+13 12.1	2.786	3.723	6.3	21.6
4 21	13 56.08	+13 36.5	2.792	3.724	6.7	21.6
5 1	13 48.60	+13 44.6	2.825	3.725	8.0	21.7
5 11	13 41.80	+13 35.5	2.883	3.726	9.7	21.8
5 21	13 36.15	+13 9.7	2.964	3.727	11.5	21.9
5 31	13 32.00	+12 28.8	3.064	3.727	13.0	22.1

133932 2004 SD_{53} 4 21.1 175°.63 1°.9/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 20.43	−20 24.0	1.783	2.638	13.6	20.2
4 1	14 13.97	−19 39.3	1.711	2.641	9.9	20.0
4 11	14 5.56	−18 36.7	1.663	2.643	5.8	19.8
4 21	13 56.09	−17 19.8	1.642	2.644	2.1	19.5
5 1	13 46.67	−15 55.0	1.649	2.645	4.3	19.7
5 11	13 38.38	−14 30.7	1.684	2.645	8.5	19.9
5 21	13 32.02	−13 14.2	1.745	2.644	12.4	20.2
5 31	13 28.10	−12 11.4	1.826	2.643	15.7	20.4

414160 2007 YJ_{12} 4 21.1 82°.46 1°.0/21.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 22.55	−15 29.0	1.530	2.403	14.4	21.6
4 1	14 15.46	−15 18.7	1.483	2.424	10.2	21.4
4 11	14 6.28	−14 56.2	1.459	2.444	5.5	21.2
4 21	13 56.10	−14 24.6	1.461	2.465	1.0	20.9
5 1	13 46.16	−13 49.3	1.490	2.485	4.7	21.2
5 11	13 37.65	−13 16.3	1.545	2.505	9.1	21.6
5 21	13 31.36	−12 50.9	1.624	2.525	13.1	21.8
5 31	13 27.72	−12 36.6	1.723	2.545	16.3	22.1

475608 2006 UJ_{135} 4 21.1 240°.42 0°.4/20.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 15.21	−12 54.6	2.613	3.481	9.3	22.3
4 1	14 9.94	−12 8.9	2.525	3.467	6.5	22.1
4 11	14 3.38	−11 15.4	2.465	3.453	3.3	21.9
4 21	13 56.08	−10 17.2	2.433	3.438	0.5	21.6
5 1	13 48.72	− 9 18.8	2.432	3.423	3.6	21.8
5 11	13 41.99	− 8 24.5	2.459	3.407	6.9	22.0
5 21	13 36.44	− 7 38.4	2.513	3.391	9.9	22.2
5 31	13 32.49	− 7 3.2	2.589	3.375	12.4	22.3

213944 2003 WS_{80} 4 21.1 242°.66 5°.3/16.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 18.98	− 0 22.2	1.882	2.770	11.4	20.6
4 1	14 12.94	+ 1 2.0	1.807	2.753	8.3	20.4
4 11	14 5.06	+ 2 26.7	1.757	2.735	5.7	20.2
4 21	13 56.09	+ 3 44.5	1.735	2.716	5.7	20.1
5 1	13 47.01	+ 4 48.0	1.741	2.697	8.4	20.2
5 11	13 38.80	+ 5 31.5	1.772	2.677	11.8	20.4
5 21	13 32.25	+ 5 52.8	1.826	2.656	15.1	20.6
5 31	13 27.91	+ 5 51.5	1.897	2.635	17.9	20.7

114985 2003 QH_{67} 4 21.1 138°.42 2°.0/19.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.03	− 8 15.7	1.853	2.733	11.9	20.2
4 1	14 14.16	− 7 33.7	1.798	2.745	8.2	20.0
4 11	14 5.56	− 6 46.9	1.768	2.757	4.2	19.8
4 21	13 56.10	− 6 0.1	1.766	2.768	2.1	19.7
5 1	13 46.78	− 5 18.7	1.793	2.778	5.4	19.9
5 11	13 38.57	− 4 47.7	1.846	2.787	9.3	20.2
5 21	13 32.17	− 4 29.8	1.924	2.796	12.7	20.4
5 31	13 28.01	− 4 26.6	2.022	2.805	15.6	20.6

420042 2011 DW_{12} 4 21.1 113°.20 5°.5/25.9 17 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 20.47	−28 39.6	1.879	2.698	14.5	20.9
4 1	14 14.06	−28 48.8	1.811	2.707	11.5	20.8
4 11	14 5.63	−28 36.6	1.765	2.715	8.3	20.6
4 21	13 56.10	−28 3.2	1.744	2.724	5.9	20.4
5 1	13 46.60	−27 11.7	1.750	2.732	5.9	20.5
5 11	13 38.25	−26 8.6	1.783	2.740	8.4	20.6
5 21	13 31.88	−25 1.5	1.840	2.747	11.4	20.8
5 31	13 27.99	−23 57.9	1.919	2.755	14.3	21.0

312075 2007 TK_{39} 4 21.1 90°.75 0°.9/20.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.60	−11 25.6	1.517	2.399	13.9	21.3
4 1	14 14.80	−10 55.6	1.469	2.417	9.6	21.1
4 11	14 5.95	−10 17.1	1.444	2.434	4.8	20.8
4 21	13 56.11	− 9 35.0	1.446	2.451	0.9	20.6
5 1	13 46.50	− 8 55.1	1.475	2.467	5.3	20.9
5 11	13 38.26	− 8 23.5	1.530	2.484	9.8	21.2
5 21	13 32.19	− 8 4.1	1.608	2.500	13.7	21.5
5 31	13 28.71	− 7 59.2	1.706	2.516	16.9	21.8

107156 2001 BF_{15} 4 21.1 335°.01 4°.6/23.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 19.30	−22 40.0	1.336	2.200	16.7	18.7
4 1	14 13.90	−22 58.5	1.263	2.192	12.7	18.5
4 11	14 5.83	−22 56.1	1.212	2.186	8.4	18.2
4 21	13 56.11	−22 32.9	1.184	2.180	4.9	18.0
5 1	13 46.18	−21 52.3	1.181	2.174	6.0	18.0
5 11	13 37.59	−21 2.2	1.202	2.169	10.3	18.2
5 21	13 31.45	−20 11.5	1.244	2.165	14.7	18.5
5 31	13 28.46	−19 28.4	1.305	2.161	18.6	18.7

210143 2006 SG_{55} 4 21.1 217°.61 4°.8/15.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 14.69	+ 2 39.9	2.532	3.415	9.0	20.6
4 1	14 9.53	+ 3 52.8	2.469	3.409	6.7	20.4
4 11	14 3.14	+ 5 2.8	2.433	3.403	5.0	20.3
4 21	13 56.09	+ 6 4.5	2.426	3.396	5.2	20.3
5 1	13 49.05	+ 6 53.2	2.446	3.389	7.1	20.4
5 11	13 42.68	+ 7 25.7	2.493	3.381	9.5	20.6
5 21	13 37.50	+ 7 40.6	2.564	3.373	11.9	20.7
5 31	13 33.90	+ 7 38.3	2.654	3.365	13.9	20.8

434802 2006 RL_{53} 4 21.1 217°.80 1°.7/19.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 14.65	− 8 39.1	2.534	3.412	9.2	21.9
4 1	14 9.53	− 7 40.1	2.459	3.406	6.3	21.7
4 11	14 3.15	− 6 36.1	2.411	3.400	3.3	21.5
4 21	13 56.10	− 5 31.2	2.392	3.393	1.9	21.4
5 1	13 49.04	− 4 30.3	2.403	3.386	4.5	21.5
5 11	13 42.65	− 3 37.8	2.443	3.379	7.6	21.7
5 21	13 37.46	− 2 56.9	2.507	3.371	10.4	21.9
5 31	13 33.87	− 2 29.7	2.593	3.363	12.8	22.1

89508 2001 XJ_{54} 4 21.1 237°.09 7°.0/13.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 16.33	+ 9 48.5	2.305	3.179	10.1	19.5
4 1	14 10.73	+10 49.0	2.252	3.175	8.2	19.3
4 11	14 3.78	+11 40.0	2.224	3.171	7.1	19.3
4 21	13 56.11	+12 16.2	2.223	3.167	7.4	19.3
5 1	13 48.49	+12 33.5	2.249	3.163	9.1	19.4
5 11	13 41.66	+12 30.2	2.299	3.159	11.3	19.5
5 21	13 36.20	+12 6.7	2.370	3.154	13.4	19.6
5 31	13 32.51	+11 24.9	2.460	3.150	15.3	19.8

56828 2000 QE_{28} 4 21.1 225°.78 1°.6/19.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 15.07	− 8 31.3	2.578	3.456	9.1	20.0
4 1	14 9.82	− 7 46.0	2.501	3.448	6.2	19.8
4 11	14 3.31	− 6 56.2	2.451	3.440	3.2	19.5
4 21	13 56.11	− 6 5.5	2.430	3.431	1.7	19.4
5 1	13 48.88	− 5 18.2	2.438	3.422	4.3	19.6
5 11	13 42.31	− 4 38.3	2.475	3.413	7.4	19.8
5 21	13 36.92	− 4 8.7	2.537	3.404	10.2	19.9
5 31	13 33.12	− 3 51.2	2.621	3.394	12.6	20.1

61626 2000 QA_{102} 4 21.1 264°.56 7°.0/13.8 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 16.54	+ 4 41.7	1.877	2.766	11.3	19.3
4 1	14 11.22	+ 6 18.5	1.810	2.750	8.7	19.1
4 11	14 4.17	+ 7 51.1	1.769	2.734	7.1	18.9
4 21	13 56.12	+ 9 11.0	1.755	2.717	7.6	18.9
5 1	13 47.99	+10 11.0	1.767	2.700	10.0	19.0
5 11	13 40.73	+10 46.4	1.803	2.683	12.9	19.2
5 21	13 35.08	+10 56.1	1.860	2.666	15.8	19.3
5 31	13 31.54	+10 41.3	1.934	2.649	18.3	19.5

469868 2005 UB_{49} 4 21.1 219°.33 1°.0/22.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 14.44	−18 36.4	2.965	3.813	8.9	22.2
4 1	14 9.29	−17 51.4	2.876	3.804	6.4	22.0
4 11	14 3.01	−16 56.0	2.815	3.795	3.6	21.8
4 21	13 56.12	−15 52.7	2.782	3.786	1.1	21.6
5 1	13 49.20	−14 45.3	2.781	3.776	2.8	21.7
5 11	13 42.87	−13 38.2	2.809	3.765	5.7	21.9
5 21	13 37.62	−12 35.6	2.865	3.754	8.4	22.0
5 31	13 33.82	−11 41.1	2.944	3.743	10.8	22.2

224492 2005 WQ_{7} 4 21.1 106°.35 4°.1/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 18.08	−26 43.1	1.864	2.695	14.1	19.9
4 1	14 12.31	−26 13.2	1.796	2.704	10.8	19.7
4 11	14 4.70	−25 21.6	1.750	2.713	7.4	19.5
4 21	13 56.13	−24 10.6	1.731	2.721	4.5	19.4
5 1	13 47.67	−22 45.6	1.740	2.730	4.9	19.4
5 11	13 40.33	−21 14.6	1.775	2.738	7.9	19.6
5 21	13 34.87	−19 45.8	1.836	2.746	11.3	19.8
5 31	13 31.72	−18 26.3	1.919	2.754	14.4	20.0

469133 2015 EK_{59} 4 21.1 302°.79 8°.4/13.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 16.71	+ 7 21.0	1.652	2.542	12.5	20.5
4 1	14 11.54	+ 8 45.3	1.588	2.524	10.0	20.3
4 11	14 4.41	+10 1.3	1.547	2.506	8.5	20.1
4 21	13 56.14	+11 0.4	1.532	2.488	9.0	20.1
5 1	13 47.77	+11 35.2	1.541	2.471	11.4	20.2
5 11	13 40.38	+11 41.8	1.572	2.453	14.4	20.3
5 21	13 34.81	+11 20.5	1.623	2.436	17.4	20.5
5 31	13 31.59	+10 33.6	1.690	2.419	20.1	20.7

462810 2010 RU_{70} 4 21.1 258°.97 1°.0/21.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 21.39	−15 33.5	1.701	2.570	13.4	21.7
4 1	14 14.97	−15 22.5	1.613	2.553	9.6	21.4
4 11	14 6.28	−14 59.2	1.549	2.535	5.3	21.1
4 21	13 56.16	−14 25.9	1.512	2.516	1.0	20.8
5 1	13 45.76	−13 47.0	1.502	2.497	4.7	21.0
5 11	13 36.32	−13 8.5	1.519	2.478	9.4	21.2
5 21	13 28.83	−12 36.4	1.559	2.458	13.7	21.4
5 31	13 23.97	−12 15.4	1.620	2.438	17.4	21.6

93044 2000 SE_{6} 4 21.1 197°.75 3°.4/18.4 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.55	− 2 0.9	2.162	3.040	10.6	20.4
4 1	14 14.46	− 1 40.0	2.094	3.038	7.5	20.2
4 11	14 5.75	− 1 20.5	2.051	3.035	4.5	20.0
4 21	13 56.16	− 1 6.0	2.038	3.031	3.5	19.9
5 1	13 46.57	− 1 0.3	2.053	3.027	6.0	20.0
5 11	13 37.86	− 1 5.8	2.097	3.022	9.2	20.2
5 21	13 30.71	− 1 23.7	2.165	3.017	12.3	20.4
5 31	13 25.59	− 1 54.2	2.254	3.012	14.8	20.6

245251 2004 YH_{4} 4 21.1 196°.25 2°.4/18.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 17.37	− 6 25.1	2.202	3.083	10.2	21.2
4 1	14 11.54	− 5 41.8	2.134	3.082	7.1	21.0
4 11	14 4.24	− 4 55.3	2.092	3.079	3.8	20.8
4 21	13 56.15	− 4 10.0	2.078	3.077	2.5	20.7
5 1	13 48.06	− 3 30.6	2.093	3.074	5.2	20.9
5 11	13 40.79	− 3 1.2	2.136	3.071	8.6	21.1
5 21	13 34.95	− 2 44.4	2.203	3.067	11.6	21.3
5 31	13 30.98	− 2 41.5	2.291	3.063	14.2	21.4

139842 2001 RV_{43} 4 21.1 245°.63 3°.7/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 18.72	−24 20.8	2.348	3.176	11.6	20.2
4 1	14 12.66	−24 31.6	2.259	3.167	9.0	20.0
4 11	14 4.91	−24 28.1	2.195	3.157	6.1	19.8
4 21	13 56.16	−24 10.5	2.158	3.147	3.9	19.6
5 1	13 47.27	−23 40.8	2.149	3.137	4.4	19.6
5 11	13 39.13	−23 3.3	2.169	3.126	7.1	19.8
5 21	13 32.47	−22 23.0	2.214	3.116	10.0	19.9
5 31	13 27.82	−21 44.9	2.282	3.105	12.8	20.1

52760 1998 ML_{14} 4 21.1 274°.86 0°.9/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 23.65	−16 55.0	2.379	3.226	10.9	22.6
4 1	14 16.26	−16 27.8	2.254	3.182	7.9	22.3
4 11	14 6.90	−15 48.1	2.155	3.136	4.4	22.0
4 21	13 56.18	−14 57.6	2.085	3.089	1.0	21.7
5 1	13 44.98	−13 59.7	2.047	3.040	3.9	21.8
5 11	13 34.29	−13 0.0	2.039	2.990	7.9	22.0
5 21	13 24.99	−12 3.9	2.059	2.938	11.7	22.1
5 31	13 17.75	−11 16.7	2.101	2.884	15.1	22.2

379387 2009 YM_{5} 4 21.1 354°.34 2°.4/19.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 17.20	− 7 11.2	1.786	2.674	11.8	20.5
4 1	14 11.68	− 6 29.5	1.723	2.674	8.2	20.3
4 11	14 4.39	− 5 43.7	1.684	2.673	4.3	20.1
4 21	13 56.16	− 4 58.7	1.672	2.673	2.6	19.9
5 1	13 47.94	− 4 20.1	1.688	2.673	5.8	20.1
5 11	13 40.72	− 3 52.9	1.730	2.673	9.7	20.4
5 21	13 35.22	− 3 40.0	1.795	2.672	13.2	20.6
5 31	13 31.92	− 3 42.7	1.879	2.673	16.2	20.8

145022 2005 EC_{259} 4 21.1 236°.13 0°.4/20.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.47	−13 3.2	1.747	2.623	12.7	21.3
4 1	14 13.43	−12 25.2	1.669	2.614	8.9	21.0
4 11	14 5.39	−11 36.2	1.615	2.604	4.6	20.7
4 21	13 56.17	−10 40.6	1.589	2.594	0.5	20.4
5 1	13 46.84	− 9 44.2	1.590	2.583	4.9	20.7
5 11	13 38.52	− 8 53.6	1.618	2.572	9.4	20.9
5 21	13 32.04	− 8 14.3	1.670	2.561	13.4	21.1
5 31	13 27.97	− 7 49.9	1.742	2.549	16.8	21.3

331795 2003 MU_{9} 4 21.1 282°.95 9°.3/11.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 17.74	+11 44.6	1.825	2.702	12.2	20.2
4 1	14 12.16	+13 14.0	1.760	2.681	10.3	20.0
4 11	14 4.71	+14 32.0	1.720	2.660	9.3	19.9
4 21	13 56.16	+15 30.1	1.705	2.638	10.1	19.9
5 1	13 47.51	+16 1.7	1.714	2.617	12.1	20.0
5 11	13 39.78	+16 3.8	1.746	2.595	14.7	20.1
5 21	13 33.75	+15 37.0	1.797	2.574	17.3	20.2
5 31	13 29.97	+14 44.5	1.863	2.552	19.6	20.4

462181 2007 TG_{381} 4 21.1 169°.12 1°.7/19.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 22.55	− 8 27.7	1.647	2.529	13.1	21.5
4 1	14 15.53	− 8 8.0	1.583	2.531	9.1	21.2
4 11	14 6.43	− 7 43.3	1.544	2.533	4.7	21.0
4 21	13 56.18	− 7 17.6	1.532	2.535	1.8	20.8
5 1	13 45.96	− 6 56.0	1.548	2.536	5.6	21.0
5 11	13 36.92	− 6 43.0	1.589	2.537	10.0	21.3
5 21	13 29.92	− 6 41.8	1.655	2.538	13.9	21.5
5 31	13 25.47	− 6 53.9	1.740	2.538	17.1	21.7

470008 2006 QP_{70} 4 21.1 259°.56 1°.9/19.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 16.15	− 7 59.8	2.331	3.211	9.8	21.9
4 1	14 10.75	− 7 15.5	2.246	3.194	6.8	21.7
4 11	14 3.88	− 6 26.3	2.188	3.177	3.6	21.5
4 21	13 56.16	− 5 36.3	2.158	3.159	2.0	21.3
5 1	13 48.35	− 4 50.0	2.157	3.141	4.8	21.5
5 11	13 41.21	− 4 11.9	2.184	3.122	8.2	21.6
5 21	13 35.38	− 3 45.3	2.235	3.104	11.3	21.8
5 31	13 31.32	− 3 32.2	2.308	3.085	14.0	22.0

125999 2001 YF_{45} 4 21.1 101°.32 2°.0/19.5 18

3 22	14 20.15	− 7 33.5	1.813	2.696	12.0	20.0
4 1	14 13.60	− 7 4.7	1.760	2.709	8.2	19.8
4 11	14 5.32	− 6 32.3	1.733	2.722	4.3	19.5
4 21	13 56.18	− 6 0.6	1.733	2.734	2.1	19.4
5 1	13 47.18	− 5 34.3	1.760	2.747	5.4	19.7
5 11	13 39.30	− 5 17.6	1.815	2.759	9.2	19.9
5 21	13 33.21	− 5 12.9	1.893	2.770	12.7	20.1
5 31	13 29.37	− 5 21.5	1.992	2.782	15.5	20.4

352086 2006 XW_{6} 4 21.1 72°.82 1°.4/19.7 17

3 22	14 16.39	− 8 28.0	2.261	3.141	10.1	20.5
4 1	14 10.78	− 8 2.3	2.203	3.150	6.9	20.3
4 11	14 3.82	− 7 33.0	2.171	3.160	3.5	20.1
4 21	13 56.17	− 7 3.4	2.168	3.170	1.5	20.0
5 1	13 48.60	− 6 37.3	2.193	3.180	4.4	20.2
5 11	13 41.85	− 6 18.2	2.246	3.190	7.7	20.4
5 21	13 36.50	− 6 8.5	2.324	3.201	10.6	20.6
5 31	13 32.93	− 6 9.7	2.423	3.211	13.1	20.8

401772 2014 CU_{15} 4 21.1 19°.75 5°.0/25.4 18

3 22	14 18.36	−26 59.2	2.070	2.894	13.1	20.2
4 1	14 12.53	−27 21.0	1.996	2.896	10.4	20.0
4 11	14 4.88	−27 25.2	1.945	2.899	7.4	19.8
4 21	13 56.18	−27 11.8	1.920	2.901	5.3	19.7
5 1	13 47.42	−26 42.8	1.922	2.904	5.4	19.7
5 11	13 39.59	−26 3.1	1.950	2.907	7.8	19.8
5 21	13 33.47	−25 18.5	2.004	2.910	10.7	20.0
5 31	13 29.59	−24 35.2	2.079	2.914	13.4	20.2

345709 2006 VZ_{130} 4 21.1 171°.05 5°.2/14.4 18

3 22	14 16.39	+ 8 42.3	3.122	3.988	8.0	21.4
4 1	14 10.48	+ 9 27.2	3.070	3.992	6.3	21.3
4 11	14 3.58	+10 5.2	3.046	3.995	5.3	21.3
4 21	13 56.17	+10 32.7	3.050	3.998	5.5	21.3
5 1	13 48.84	+10 47.1	3.083	4.000	6.8	21.4
5 11	13 42.12	+10 46.8	3.143	4.002	8.6	21.5
5 21	13 36.44	+10 32.1	3.226	4.003	10.4	21.6
5 31	13 32.14	+10 3.7	3.330	4.004	11.9	21.7

390373 2013 TU_{11} 4 21.1 38°.99 6°.4/26.9 17

3 22	14 17.56	−31 11.0	1.539	2.362	16.9	19.5
4 1	14 12.37	−30 50.1	1.471	2.368	13.6	19.3
4 11	14 4.89	−29 59.6	1.423	2.373	10.0	19.1
4 21	13 56.18	−28 40.6	1.399	2.379	7.0	18.9
5 1	13 47.57	−26 58.9	1.401	2.385	6.7	18.9
5 11	13 40.32	−25 4.9	1.427	2.392	9.3	19.1
5 21	13 35.32	−23 10.0	1.478	2.398	12.8	19.3
5 31	13 33.08	−21 24.6	1.550	2.405	16.2	19.5

67877 2000 WQ_{40} 4 21.1 227°.56 3°.5/18.1 17

3 22	14 19.30	− 5 32.8	1.766	2.653	12.0	19.4
4 1	14 13.24	− 4 25.2	1.693	2.643	8.4	19.1
4 11	14 5.27	− 3 13.0	1.646	2.633	4.8	18.9
4 21	13 56.20	− 2 2.8	1.627	2.623	3.7	18.8
5 1	13 47.07	− 1 1.7	1.635	2.611	6.9	19.0
5 11	13 38.92	− 0 15.9	1.669	2.600	10.8	19.2
5 21	13 32.56	+ 0 11.1	1.726	2.587	14.5	19.4
5 31	13 28.52	+ 0 18.2	1.803	2.575	17.6	19.6

185660 1993 RE_{4} 4 21.1 234°.99 1°.5/22.7 18

3 22	14 16.14	−18 28.0	2.767	3.616	9.5	21.2
4 1	14 10.60	−18 16.0	2.678	3.605	6.9	21.0
4 11	14 3.76	−17 54.4	2.616	3.595	4.0	20.8
4 21	13 56.19	−17 24.9	2.582	3.584	1.6	20.6
5 1	13 48.54	−16 50.1	2.578	3.572	3.1	20.7
5 11	13 41.49	−16 13.7	2.603	3.561	6.0	20.9
5 21	13 35.62	−15 39.3	2.654	3.549	8.9	21.1
5 31	13 31.33	−15 10.5	2.729	3.537	11.3	21.2

504586 2008 UY_{7} 4 21.1 201°.68 0°.4/21.5 17

3 22	14 17.31	−15 30.3	2.158	3.024	11.1	22.1
4 1	14 11.60	−14 53.8	2.082	3.021	7.8	21.8
4 11	14 4.33	−14 6.5	2.032	3.018	4.2	21.6
4 21	13 56.19	−13 11.9	2.010	3.014	0.5	21.3
5 1	13 48.04	−12 14.7	2.016	3.011	3.8	21.6
5 11	13 40.73	−11 20.5	2.051	3.006	7.6	21.8
5 21	13 34.92	−10 33.9	2.111	3.002	11.0	22.0
5 31	13 31.06	− 9 58.6	2.193	2.997	13.8	22.2

73263 2002 JP_{47} 4 21.1 70°.71 1°.5/22.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 20.76	−17 0.8	1.391	2.267	15.4	19.6
4 1	14 14.53	−16 44.7	1.336	2.278	11.0	19.4
4 11	14 5.97	−16 13.1	1.304	2.289	6.1	19.1
4 21	13 56.21	−15 29.7	1.297	2.300	1.6	18.9
5 1	13 46.58	−14 40.5	1.315	2.312	4.9	19.1
5 11	13 38.38	−13 53.2	1.359	2.323	9.7	19.4
5 21	13 32.52	−13 14.5	1.425	2.334	14.0	19.7
5 31	13 29.48	−12 48.9	1.511	2.345	17.6	20.0

463739 2014 QP_{385} 4 21.1 226°.03 0°.9/21.8 16

3 22	14 21.37	−16 28.2	1.830	2.694	12.9	22.3
4 1	14 14.77	−16 1.4	1.746	2.683	9.2	22.1
4 11	14 6.11	−15 21.1	1.686	2.671	5.0	21.8
4 21	13 56.22	−14 30.3	1.654	2.658	1.0	21.5
5 1	13 46.17	−13 34.1	1.650	2.645	4.4	21.7
5 11	13 37.10	−12 39.0	1.674	2.631	8.8	21.9
5 21	13 29.87	−11 51.2	1.722	2.616	12.8	22.1
5 31	13 25.09	−11 15.4	1.791	2.600	16.3	22.3

114174 2002 VN_{75} 4 21.1 61°.56 4°.9/16.9 18

3 22	14 17.90	+ 1 34.0	2.004	2.890	10.9	19.4
4 1	14 11.95	+ 2 13.2	1.951	2.895	7.9	19.2
4 11	14 4.47	+ 2 48.0	1.923	2.900	5.4	19.1
4 21	13 56.20	+ 3 13.6	1.922	2.905	5.2	19.1
5 1	13 48.03	+ 3 25.8	1.949	2.910	7.3	19.2
5 11	13 40.81	+ 3 22.0	2.002	2.915	10.3	19.4
5 21	13 35.15	+ 3 2.0	2.078	2.920	13.1	19.6
5 31	13 31.48	+ 2 26.6	2.173	2.925	15.5	19.8

32152 2000 LK_{34} 4 21.1 317°.53 1°.8/19.5 18

3 22	14 14.10	−10 6.0	1.751	2.641	12.0	18.5
4 1	14 9.73	− 9 8.7	1.667	2.619	8.3	18.3
4 11	14 3.52	− 8 1.9	1.607	2.598	4.3	18.0
4 21	13 56.19	− 6 51.1	1.574	2.577	1.9	17.8
5 1	13 48.70	− 5 43.4	1.568	2.556	5.6	18.0
5 11	13 42.06	− 4 45.7	1.588	2.536	9.9	18.2
5 21	13 37.07	− 4 3.3	1.630	2.517	13.9	18.4
5 31	13 34.30	− 3 39.3	1.692	2.498	17.2	18.5

353642 2011 UW_{93} 4 21.1 172°.14 0°.0/21.1 17

3 22	14 15.50	−13 30.4	2.720	3.585	9.1	22.4
4 1	14 10.07	−13 2.6	2.647	3.587	6.3	22.2
4 11	14 3.45	−12 28.0	2.602	3.589	3.3	22.0
4 21	13 56.20	−11 49.4	2.585	3.590	0.0	21.7
5 1	13 48.96	−11 9.9	2.599	3.592	3.2	22.0
5 11	13 42.38	−10 33.4	2.641	3.592	6.3	22.2
5 21	13 36.98	−10 3.0	2.709	3.593	9.1	22.4
5 31	13 33.11	− 9 41.1	2.800	3.593	11.4	22.5

164698 1997 WA_{47} 4 21.1 117°.01 4°.8/16.3 18

3 22	14 18.62	+ 4 2.1	2.484	3.360	9.4	20.4
4 1	14 12.13	+ 4 41.9	2.441	3.377	7.0	20.3
4 11	14 4.45	+ 5 16.0	2.426	3.394	5.2	20.2
4 21	13 56.21	+ 5 40.5	2.439	3.410	5.1	20.2
5 1	13 48.13	+ 5 52.1	2.480	3.426	6.8	20.4
5 11	13 40.89	+ 5 49.2	2.548	3.442	9.1	20.5
5 21	13 35.00	+ 5 31.7	2.640	3.457	11.4	20.7
5 31	13 30.79	+ 5 0.8	2.753	3.471	13.3	20.9

128325 2004 EF_{115} 4 21.1 172°.79 0°.8/20.3 17

3 22	14 16.28	−11 11.2	2.434	3.306	9.7	20.8
4 1	14 10.70	−10 34.4	2.364	3.308	6.7	20.6
4 11	14 3.80	− 9 51.5	2.322	3.310	3.4	20.4
4 21	13 56.20	− 9 5.9	2.307	3.312	0.8	20.2
5 1	13 48.63	− 8 21.7	2.323	3.313	3.9	20.4
5 11	13 41.80	− 7 43.1	2.366	3.313	7.2	20.6
5 21	13 36.27	− 7 13.2	2.435	3.314	10.2	20.8
5 31	13 32.44	− 6 54.4	2.527	3.314	12.7	21.0

209341 2004 CD_{28} 4 21.1 349°.81 0°.2/21.3 17

3 22	14 16.70	−14 13.5	1.983	2.856	11.6	20.8
4 1	14 11.27	−13 49.3	1.912	2.855	8.1	20.6
4 11	14 4.19	−13 15.5	1.867	2.854	4.3	20.3
4 21	13 56.20	−12 35.5	1.849	2.854	0.3	20.0
5 1	13 48.21	−11 53.7	1.859	2.853	4.0	20.3
5 11	13 41.12	−11 15.2	1.896	2.853	7.9	20.5
5 21	13 35.61	−10 44.4	1.957	2.853	11.5	20.7
5 31	13 32.16	−10 24.5	2.040	2.853	14.4	20.9

498692 2008 SS_{280} 4 21.1 167°.42 0°.8/20.3 17

3 22	14 18.07	−10 53.2	2.397	3.268	9.9	22.0
4 1	14 11.94	−10 23.4	2.329	3.272	6.9	21.8
4 11	14 4.44	− 9 47.9	2.287	3.276	3.5	21.6
4 21	13 56.21	− 9 9.9	2.275	3.279	0.8	21.4
5 1	13 48.01	− 8 33.2	2.292	3.282	3.9	21.6
5 11	13 40.60	− 8 1.9	2.337	3.284	7.3	21.9
5 21	13 34.56	− 7 38.8	2.409	3.286	10.3	22.1
5 31	13 30.29	− 7 26.2	2.502	3.287	12.8	22.2

236718 2007 GO_8 4 21.1 217°.98 0°.4/20.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 21.31	−13 32.8	1.691	2.565	13.2	20.9
4 1	14 14.78	−12 47.5	1.613	2.557	9.3	20.6
4 11	14 6.12	−11 50.0	1.559	2.548	4.8	20.3
4 21	13 56.22	−10 44.7	1.533	2.538	0.4	19.9
5 1	13 46.23	− 9 38.3	1.535	2.527	5.1	20.3
5 11	13 37.30	− 8 38.2	1.564	2.516	9.7	20.5
5 21	13 30.33	− 7 50.4	1.616	2.504	13.9	20.7
5 31	13 25.90	− 7 18.8	1.688	2.491	17.4	20.9

410290 2007 TK_{229} 4 21.1 227°.56 0°.1/20.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.34	−13 16.0	1.767	2.639	12.8	21.9
4 1	14 14.77	−12 50.5	1.687	2.630	9.0	21.6
4 11	14 6.11	−12 14.7	1.632	2.619	4.7	21.4
4 21	13 56.23	−11 32.0	1.603	2.608	0.1	20.9
5 1	13 46.20	−10 47.6	1.604	2.597	4.7	21.3
5 11	13 37.18	−10 7.4	1.631	2.585	9.2	21.5
5 21	13 30.04	− 9 36.5	1.682	2.572	13.3	21.8
5 31	13 25.37	− 9 18.7	1.753	2.559	16.7	22.0

150858 2001 SH_{130} 4 21.1 143°.43 0°.7/21.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.42	−15 45.3	1.894	2.761	12.3	21.0
4 1	14 13.18	−15 19.0	1.829	2.768	8.7	20.8
4 11	14 5.17	−14 41.3	1.788	2.774	4.7	20.6
4 21	13 56.23	−13 55.5	1.775	2.779	0.8	20.3
5 1	13 47.34	−13 6.5	1.790	2.785	4.1	20.6
5 11	13 39.48	−12 20.2	1.832	2.790	8.1	20.8
5 21	13 33.38	−11 41.5	1.900	2.795	11.8	21.0
5 31	13 29.51	−11 14.1	1.988	2.799	14.8	21.3

110957 2001 UG_{165} 4 21.1 171°.27 5°.2/16.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 17.90	+ 0 33.5	1.927	2.815	11.1	20.7
4 1	14 12.02	+ 1 47.9	1.872	2.818	8.1	20.5
4 11	14 4.54	+ 2 59.8	1.843	2.820	5.6	20.3
4 21	13 56.23	+ 4 2.5	1.841	2.821	5.6	20.3
5 1	13 47.99	+ 4 50.1	1.867	2.822	8.0	20.5
5 11	13 40.71	+ 5 18.5	1.918	2.823	11.0	20.7
5 21	13 35.05	+ 5 26.6	1.991	2.824	13.9	20.8
5 31	13 31.44	+ 5 14.9	2.083	2.824	16.4	21.0

372625 2009 VK_{50} 4 21.1 131°.02 0°.9/20.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 18.32	−11 22.1	2.191	3.063	10.7	22.1
4 1	14 12.14	−10 37.2	2.133	3.077	7.3	21.9
4 11	14 4.53	− 9 45.6	2.102	3.091	3.7	21.7
4 21	13 56.23	− 8 51.4	2.099	3.103	1.0	21.5
5 1	13 48.05	− 7 59.4	2.126	3.116	4.2	21.8
5 11	13 40.78	− 7 14.6	2.181	3.128	7.7	22.0
5 21	13 35.01	− 6 40.2	2.261	3.139	10.9	22.2
5 31	13 31.13	− 6 18.6	2.363	3.149	13.5	22.4

330069 2005 VM_{53} 4 21.1 180°.20 2°.8/23.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 20.46	−21 16.1	2.032	2.877	12.5	21.6
4 1	14 13.95	−21 13.9	1.956	2.878	9.3	21.4
4 11	14 5.61	−20 57.0	1.905	2.878	5.8	21.2
4 21	13 56.24	−20 26.8	1.881	2.878	3.0	21.0
5 1	13 46.83	−19 46.8	1.885	2.878	4.2	21.1
5 11	13 38.39	−19 2.1	1.917	2.878	7.6	21.3
5 21	13 31.66	−18 18.6	1.975	2.876	11.1	21.5
5 31	13 27.18	−17 41.2	2.054	2.875	14.1	21.7

175444 2006 QY_{47} 4 21.1 252°.59 12°.5/28.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 30.31	−40 51.0	1.734	2.477	18.4	19.9
4 1	14 22.16	−42 40.7	1.653	2.470	16.4	19.7
4 11	14 10.48	−44 3.8	1.591	2.463	14.3	19.6
4 21	13 56.29	−44 52.4	1.552	2.456	12.9	19.5
5 1	13 41.31	−45 2.2	1.535	2.449	12.6	19.4
5 11	13 27.56	−44 36.3	1.541	2.441	13.6	19.5
5 21	13 16.66	−43 43.5	1.569	2.433	15.5	19.6
5 31	13 9.65	−42 35.8	1.616	2.426	17.7	19.7

499089 2009 FT_{37} 4 21.1 327°.57 1°.7/20.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 20.20	− 8 27.3	1.196	2.095	15.6	20.4
4 1	14 14.70	− 8 27.6	1.124	2.079	11.0	20.1
4 11	14 6.38	− 8 22.7	1.074	2.065	5.7	19.8
4 21	13 56.25	− 8 16.7	1.047	2.051	1.7	19.5
5 1	13 45.83	− 8 14.8	1.044	2.038	6.6	19.7
5 11	13 36.71	− 8 22.2	1.065	2.026	12.2	20.0
5 21	13 30.11	− 8 42.4	1.106	2.014	17.2	20.2
5 31	13 26.80	− 9 17.4	1.164	2.004	21.4	20.5

435026 2006 VB_{98} 4 21.1 254°.97 3°.3/18.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 17.73	− 2 3.6	2.373	3.255	9.6	21.3
4 1	14 11.79	− 1 36.6	2.298	3.244	6.8	21.1
4 11	14 4.41	− 1 10.4	2.250	3.233	4.1	20.9
4 21	13 56.24	− 0 48.8	2.229	3.222	3.4	20.8
5 1	13 48.01	− 0 35.3	2.238	3.210	5.7	20.9
5 11	13 40.49	− 0 32.7	2.274	3.199	8.6	21.1
5 21	13 34.30	− 0 42.5	2.335	3.187	11.5	21.3
5 31	13 29.88	− 1 5.0	2.417	3.175	13.9	21.4

151136 2001 XZ_{34} 4 21.1 129°.82 6°.2/27.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 20.69	−32 5.2	2.017	2.813	14.4	19.7
4 1	14 14.18	−32 6.9	1.946	2.823	11.7	19.5
4 11	14 5.74	−31 45.6	1.898	2.833	8.9	19.4
4 21	13 56.25	−31 1.1	1.874	2.843	6.7	19.2
5 1	13 46.83	−29 56.7	1.878	2.852	6.4	19.2
5 11	13 38.55	−28 38.9	1.908	2.860	8.3	19.4
5 21	13 32.20	−27 15.8	1.964	2.869	11.0	19.5
5 31	13 28.26	−25 55.3	2.042	2.876	13.7	19.7

456152 2006 FZ_{14} 4 21.1 33°.47 0°.1/21.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 20.33	−12 41.9	1.115	2.011	16.7	20.8
4 1	14 14.56	−12 31.7	1.067	2.021	11.7	20.6
4 11	14 6.12	−12 9.6	1.041	2.031	6.0	20.3
4 21	13 56.26	−11 40.4	1.037	2.042	0.1	19.9
5 1	13 46.57	−11 10.6	1.057	2.054	5.9	20.3
5 11	13 38.56	−10 47.4	1.101	2.066	11.3	20.7
5 21	13 33.22	−10 36.1	1.165	2.079	16.1	21.0
5 31	13 31.06	−10 39.9	1.247	2.093	19.9	21.3

295562 2008 SO_{66} 4 21.1 127°.87 0°.5/20.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 11.91	−11 26.9	3.571	4.439	7.0	21.1
4 1	14 7.36	−10 49.8	3.507	4.449	4.8	21.0
4 11	14 1.99	−10 8.5	3.471	4.459	2.4	20.8
4 21	13 56.22	− 9 25.5	3.465	4.469	0.5	20.7
5 1	13 50.49	− 8 43.6	3.489	4.479	2.7	20.9
5 11	13 45.26	− 8 5.6	3.543	4.488	5.1	21.0
5 21	13 40.87	− 7 33.5	3.623	4.497	7.2	21.2
5 31	13 37.60	− 7 9.2	3.728	4.506	9.1	21.3

147334 2003 BE_{49} 4 21.1 120°.14 4°.3/17.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 18.45	− 2 35.1	1.784	2.674	11.8	19.8
4 1	14 12.47	− 1 32.8	1.732	2.682	8.3	19.6
4 11	14 4.79	− 0 30.8	1.706	2.690	5.1	19.4
4 21	13 56.25	+ 0 24.7	1.707	2.697	4.5	19.4
5 1	13 47.84	+ 1 7.5	1.735	2.705	7.2	19.6
5 11	13 40.50	+ 1 33.5	1.789	2.712	10.7	19.8
5 21	13 34.90	+ 1 40.9	1.865	2.719	13.9	20.0
5 31	13 31.49	+ 1 30.0	1.960	2.725	16.5	20.2

245086 2004 OL_{11} 4 21.1 311°.15 5°.3/16.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 16.99	+ 2 23.9	2.008	2.896	10.8	19.9
4 1	14 11.51	+ 3 2.8	1.934	2.877	8.0	19.7
4 11	14 4.37	+ 3 37.4	1.884	2.859	5.7	19.5
4 21	13 56.25	+ 4 2.4	1.862	2.842	5.6	19.5
5 1	13 48.04	+ 4 13.4	1.866	2.824	7.8	19.6
5 11	13 40.62	+ 4 7.2	1.896	2.807	10.8	19.7
5 21	13 34.72	+ 3 43.2	1.948	2.790	13.8	19.9
5 31	13 30.83	+ 3 2.1	2.019	2.773	16.5	20.0

282166 2001 SU_{229} 4 21.1 163°.50 0°.9/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 15.95	−10 29.4	2.683	3.555	9.0	21.5
4 1	14 10.38	− 9 53.1	2.616	3.559	6.2	21.3
4 11	14 3.62	− 9 11.7	2.575	3.564	3.1	21.1
4 21	13 56.25	− 8 28.5	2.564	3.567	1.0	21.0
5 1	13 48.92	− 7 47.1	2.582	3.571	3.7	21.2
5 11	13 42.26	− 7 11.1	2.630	3.574	6.7	21.4
5 21	13 36.80	− 6 43.4	2.703	3.577	9.4	21.6
5 31	13 32.88	− 6 25.9	2.799	3.579	11.7	21.7

54772 2001 LN_{12} 4 21.1 209°.38 3°.0/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.74	−22 3.8	1.700	2.549	14.4	19.1
4 1	14 15.17	−21 41.9	1.620	2.544	10.7	18.9
4 11	14 6.38	−21 0.4	1.563	2.538	6.7	18.6
4 21	13 56.28	−20 1.5	1.532	2.531	3.2	18.4
5 1	13 46.09	−18 50.2	1.529	2.524	4.7	18.4
5 11	13 37.03	−17 34.6	1.553	2.516	8.9	18.7
5 21	13 30.03	−16 22.9	1.602	2.507	13.0	18.9
5 31	13 25.69	−15 22.0	1.671	2.497	16.5	19.1

138559 2000 QZ_{56} 4 21.1 169°.02 0°.9/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 15.84	−10 8.3	2.738	3.609	8.8	21.2
4 1	14 10.29	− 9 35.6	2.668	3.612	6.1	21.0
4 11	14 3.58	− 8 58.2	2.627	3.615	3.1	20.8
4 21	13 56.26	− 8 19.2	2.614	3.618	1.0	20.6
5 1	13 48.96	− 7 42.1	2.631	3.620	3.6	20.8
5 11	13 42.32	− 7 10.2	2.678	3.622	6.6	21.0
5 21	13 36.84	− 6 46.2	2.750	3.623	9.3	21.2
5 31	13 32.88	− 6 32.1	2.845	3.624	11.6	21.4

435420 2008 BW_{44} 4 21.1 77°.03 5°.0/16.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 16.37	+ 2 44.2	2.234	3.119	10.0	20.6
4 1	14 10.82	+ 3 30.9	2.179	3.120	7.4	20.4
4 11	14 3.89	+ 4 13.0	2.150	3.122	5.3	20.3
4 21	13 56.26	+ 4 45.7	2.148	3.124	5.3	20.3
5 1	13 48.69	+ 5 4.9	2.174	3.126	7.2	20.4
5 11	13 41.94	+ 5 8.3	2.225	3.128	9.9	20.6
5 21	13 36.57	+ 4 55.3	2.300	3.130	12.4	20.7
5 31	13 32.99	+ 4 26.7	2.395	3.132	14.6	20.9

496488 2014 TK_9 4 21.1 155°.52 0°.7/21.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 21.10	−15 33.4	1.781	2.649	13.0	22.5
4 1	14 14.46	−15 11.6	1.715	2.654	9.2	22.3
4 11	14 5.90	−14 37.9	1.674	2.659	4.9	22.1
4 21	13 56.29	−13 55.8	1.660	2.664	0.8	21.8
5 1	13 46.73	−13 10.0	1.673	2.668	4.3	22.0
5 11	13 38.28	−12 26.8	1.714	2.672	8.6	22.3
5 21	13 31.72	−11 51.2	1.780	2.675	12.4	22.5
5 31	13 27.57	−11 27.2	1.866	2.678	15.6	22.7

301407 2009 DD_{41} 4 21.1 359°.24 4°.5/16.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 14.56	− 1 30.2	1.989	2.881	10.6	20.2
4 1	14 9.72	− 0 16.2	1.931	2.881	7.6	20.0
4 11	14 3.39	+ 0 57.4	1.899	2.880	5.0	19.8
4 21	13 56.27	+ 2 4.3	1.895	2.880	4.8	19.8
5 1	13 49.20	+ 2 58.3	1.917	2.880	7.2	19.9
5 11	13 42.99	+ 3 35.1	1.966	2.880	10.3	20.1
5 21	13 38.25	+ 3 52.9	2.037	2.881	13.2	20.3
5 31	13 35.41	+ 3 51.5	2.126	2.881	15.7	20.5

340360 2006 DF_{98} 4 21.1 250°.74 3°.9/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 12.41	−33 48.6	4.532	5.289	7.6	20.5
4 1	14 7.76	−34 1.2	4.442	5.286	6.3	20.4
4 11	14 2.25	−34 3.0	4.376	5.284	5.0	20.3
4 21	13 56.27	−33 54.0	4.337	5.282	4.1	20.3
5 1	13 50.24	−33 35.1	4.326	5.279	3.9	20.3
5 11	13 44.61	−33 8.2	4.343	5.277	4.6	20.3
5 21	13 39.75	−32 35.7	4.388	5.274	5.8	20.4
5 31	13 35.96	−32 0.6	4.457	5.272	7.1	20.5

308552 2005 UH_{282} 4 21.1 285°.66 1°.2/19.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 15.52	− 9 53.4	2.260	3.138	10.1	21.2
4 1	14 10.39	− 9 18.8	2.175	3.122	7.0	21.0
4 11	14 3.77	− 8 38.2	2.117	3.106	3.6	20.7
4 21	13 56.29	− 7 55.2	2.087	3.090	1.3	20.5
5 1	13 48.70	− 7 14.2	2.086	3.074	4.4	20.7
5 11	13 41.81	− 6 39.6	2.112	3.058	7.9	20.9
5 21	13 36.26	− 6 14.9	2.162	3.042	11.2	21.1
5 31	13 32.51	− 6 2.5	2.235	3.026	14.0	21.2

243085 2007 OM_4 4 21.1 284°.91 1°.2/21.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 29.26	−13 26.6	2.082	2.934	12.0	19.7
4 1	14 20.49	−14 12.0	1.970	2.901	8.7	19.4
4 11	14 9.29	−14 53.0	1.886	2.868	4.9	19.1
4 21	13 56.36	−15 28.8	1.831	2.835	1.3	18.8
5 1	13 42.79	−15 59.8	1.808	2.801	4.4	18.9
5 11	13 29.82	−16 27.5	1.815	2.766	8.7	19.1
5 21	13 18.54	−16 54.6	1.850	2.732	12.7	19.3
5 31	13 9.76	−17 24.3	1.907	2.696	16.1	19.4

32346 2000 QS_{99} 4 21.1 117°.42 3°.5/18.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 18.44	− 4 9.4	1.805	2.694	11.7	18.1
4 1	14 12.51	− 3 21.1	1.749	2.699	8.2	17.9
4 11	14 4.85	− 2 31.5	1.717	2.703	4.7	17.7
4 21	13 56.30	− 1 46.4	1.713	2.708	3.7	17.7
5 1	13 47.84	− 1 11.2	1.736	2.712	6.6	17.9
5 11	13 40.40	− 0 50.2	1.784	2.716	10.1	18.1
5 21	13 34.70	− 0 45.4	1.856	2.721	13.5	18.3
5 31	13 31.18	− 0 57.1	1.948	2.725	16.3	18.5

37863 1998 FB_7 4 21.1 190°.12 1°.7/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.90	−18 39.9	2.390	3.237	10.8	20.7
4 1	14 13.36	−18 28.0	2.310	3.236	7.9	20.5
4 11	14 5.27	−18 4.8	2.256	3.234	4.6	20.3
4 21	13 56.31	−17 32.2	2.230	3.232	1.8	20.1
5 1	13 47.32	−16 53.4	2.234	3.229	3.5	20.2
5 11	13 39.12	−16 12.8	2.267	3.225	6.8	20.4
5 21	13 32.36	−15 34.9	2.327	3.220	10.0	20.6
5 31	13 27.52	−15 3.7	2.409	3.215	12.7	20.8

175414 2006 PF_{11} 4 21.1 332°.43 1°.8/22.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 17.09	−16 39.1	1.164	2.055	16.6	19.5
4 1	14 12.63	−16 37.7	1.091	2.039	12.1	19.2
4 11	14 5.37	−16 19.4	1.038	2.025	6.8	18.8
4 21	13 56.31	−15 46.5	1.008	2.012	2.0	18.5
5 1	13 46.95	−15 4.9	1.002	2.000	5.6	18.7
5 11	13 38.92	−14 22.9	1.018	1.988	11.3	18.9
5 21	13 33.43	−13 48.8	1.055	1.978	16.5	19.2
5 31	13 31.24	−13 28.9	1.108	1.970	20.9	19.4

432184 2009 DR 4 21.1 164°.14 5°.5/15.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 16.78	+ 3 31.3	2.113	2.998	10.4	21.0
4 1	14 11.18	+ 4 24.3	2.057	2.998	7.8	20.8
4 11	14 4.12	+ 5 12.0	2.028	2.998	5.8	20.7
4 21	13 56.30	+ 5 49.0	2.025	2.998	5.8	20.7
5 1	13 48.54	+ 6 11.0	2.050	2.998	7.9	20.8
5 11	13 41.63	+ 6 15.2	2.100	2.998	10.5	21.0
5 21	13 36.19	+ 6 1.3	2.172	2.998	13.2	21.1
5 31	13 32.63	+ 5 30.4	2.264	2.998	15.4	21.3

177955 2006 OP_4 4 21.1 142°.13 1°.3/22.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 17.82	−17 14.8	2.537	3.390	10.1	20.6
4 1	14 11.79	−17 9.3	2.466	3.397	7.2	20.4
4 11	14 4.41	−16 54.7	2.422	3.403	4.1	20.3
4 21	13 56.30	−16 32.7	2.406	3.409	1.4	20.1
5 1	13 48.22	−16 6.2	2.420	3.415	3.2	20.2
5 11	13 40.88	−15 38.8	2.463	3.420	6.3	20.4
5 21	13 34.86	−15 14.1	2.531	3.425	9.2	20.6
5 31	13 30.58	−14 55.2	2.623	3.430	11.7	20.8

300934 2008 CS_{119} 4 21.1 7°.87 1°.3/22.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 16.62	−16 54.7	2.164	3.027	11.2	20.6
4 1	14 11.17	−16 45.0	2.092	3.027	8.0	20.4
4 11	14 4.17	−16 24.9	2.045	3.028	4.5	20.2
4 21	13 56.30	−15 56.6	2.025	3.028	1.4	19.9
5 1	13 48.42	−15 23.6	2.034	3.029	3.6	20.1
5 11	13 41.37	−14 50.4	2.070	3.030	7.2	20.3
5 21	13 35.80	−14 21.3	2.131	3.031	10.5	20.5
5 31	13 32.16	−13 59.8	2.214	3.032	13.3	20.7

491081 2011 RE_{19} 4 21.1 300°.56 2°.3/23.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 16.08	−21 10.2	2.140	2.990	11.8	21.2
4 1	14 10.84	−20 46.3	2.064	2.989	8.7	21.0
4 11	14 4.01	−20 7.8	2.012	2.988	5.3	20.8
4 21	13 56.31	−19 17.1	1.988	2.987	2.5	20.6
5 1	13 48.61	−18 18.2	1.991	2.986	3.8	20.7
5 11	13 41.76	−17 17.0	2.023	2.985	7.1	20.9
5 21	13 36.43	−16 19.1	2.079	2.984	10.4	21.1
5 31	13 33.08	−15 29.5	2.159	2.983	13.3	21.3

156456 2002 BD_{16} 4 21.1 104°.14 0°.1/21.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 18.41	−13 57.7	1.873	2.747	12.1	20.5
4 1	14 12.44	−13 17.9	1.816	2.759	8.5	20.3
4 11	14 4.81	−12 28.1	1.784	2.772	4.3	20.1
4 21	13 56.33	−11 32.7	1.779	2.784	0.1	19.7
5 1	13 47.98	−10 37.2	1.802	2.796	4.3	20.1
5 11	13 40.69	− 9 47.4	1.853	2.807	8.3	20.4
5 21	13 35.12	− 9 7.9	1.928	2.819	11.8	20.6
5 31	13 31.70	− 8 41.6	2.024	2.830	14.8	20.8

270436 2002 CB_{92} 4 21.1 72°.83 3°.7/18.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.32	− 4 24.4	1.678	2.568	12.4	20.7
4 1	14 13.01	− 3 24.8	1.643	2.594	8.5	20.5
4 11	14 5.04	− 2 24.8	1.633	2.619	4.9	20.4
4 21	13 56.34	− 1 30.8	1.650	2.644	3.9	20.4
5 1	13 47.94	− 0 48.7	1.694	2.670	6.8	20.6
5 11	13 40.79	− 0 22.5	1.763	2.694	10.3	20.8
5 21	13 35.50	− 0 13.8	1.856	2.719	13.5	21.1
5 31	13 32.43	− 0 22.3	1.968	2.744	16.1	21.3

173320 1999 VP_{94} 4 21.1 186°.54 0°.3/21.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 20.61	−14 37.4	1.927	2.794	12.1	21.2
4 1	14 14.07	−14 7.8	1.855	2.795	8.6	21.0
4 11	14 5.72	−13 27.4	1.807	2.794	4.5	20.7
4 21	13 56.35	−12 39.8	1.788	2.793	0.3	20.4
5 1	13 46.98	−11 49.8	1.797	2.791	4.2	20.7
5 11	13 38.59	−11 3.3	1.834	2.788	8.4	20.9
5 21	13 31.94	−10 25.1	1.895	2.785	12.0	21.1
5 31	13 27.55	− 9 59.0	1.978	2.782	15.1	21.3

477616 2010 LR_2 4 21.1 253°.83 4°.1/15.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 14.14	+ 0 32.8	2.719	3.602	8.5	22.2
4 1	14 9.22	+ 1 47.2	2.642	3.585	6.2	22.1
4 11	14 3.11	+ 3 1.0	2.592	3.567	4.4	21.9
4 21	13 56.32	+ 4 9.2	2.572	3.549	4.5	21.9
5 1	13 49.48	+ 5 7.0	2.580	3.530	6.4	22.0
5 11	13 43.20	+ 5 50.8	2.616	3.511	8.8	22.1
5 21	13 38.01	+ 6 18.5	2.675	3.492	11.2	22.2
5 31	13 34.29	+ 6 29.6	2.755	3.472	13.3	22.4

382414 1998 BC_{39} 4 21.1 352°.92 4°.3/24.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 17.20	−25 26.8	1.966	2.802	13.3	20.4
4 1	14 11.83	−25 32.1	1.890	2.800	10.3	20.2
4 11	14 4.62	−25 19.5	1.837	2.799	7.1	20.0
4 21	13 56.34	−24 49.7	1.809	2.797	4.6	19.8
5 1	13 48.00	−24 5.6	1.808	2.796	5.0	19.8
5 11	13 40.61	−23 13.0	1.834	2.796	7.8	20.0
5 21	13 34.95	−22 18.3	1.884	2.795	11.0	20.2
5 31	13 31.53	−21 27.7	1.957	2.795	14.0	20.4

150565 2000 SY_{305} 4 21.1 134°.51 3°.4/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 17.06	−26 34.4	2.876	3.688	10.2	21.3
4 1	14 11.19	−26 26.3	2.804	3.700	7.9	21.1
4 11	14 4.08	−26 4.5	2.757	3.711	5.5	21.0
4 21	13 56.34	−25 29.9	2.739	3.723	3.7	20.9
5 1	13 48.65	−24 45.2	2.749	3.734	3.8	20.9
5 11	13 41.68	−23 54.4	2.788	3.744	5.8	21.1
5 21	13 35.95	−23 1.9	2.855	3.754	8.1	21.2
5 31	13 31.85	−22 12.1	2.945	3.764	10.3	21.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
47650 2000 CU_{40}			4 21.1 256°.53		0°.4/21.5 18	
	h m	° ′			°	m
3 22	14 18.51	−14 8.1	2.061	2.930	11.4	17.9
4 1	14 12.59	−13 58.2	1.984	2.924	8.1	17.7
4 11	14 4.96	−13 39.6	1.932	2.918	4.3	17.4
4 21	13 56.35	−13 14.8	1.907	2.912	0.5	17.1
5 1	13 47.67	−12 47.2	1.911	2.906	3.9	17.4
5 11	13 39.83	−12 21.5	1.942	2.899	7.8	17.6
5 21	13 33.56	−12 1.5	1.999	2.893	11.3	17.8
5 31	13 29.37	−11 50.5	2.077	2.886	14.3	18.0
453779 2011 JW_{9}			4 21.1 330°.33		1°.8/24.4 18	
3 22	14 9.89	−23 28.7	4.189	5.013	7.0	20.6
4 1	14 5.99	−23 3.1	4.104	5.012	5.3	20.5
4 11	14 1.34	−22 29.0	4.046	5.011	3.4	20.4
4 21	13 56.31	−21 47.6	4.017	5.010	2.0	20.3
5 1	13 51.28	−21 1.1	4.018	5.009	2.3	20.3
5 11	13 46.66	−20 12.0	4.048	5.008	4.0	20.4
5 21	13 42.78	−19 23.2	4.107	5.007	5.9	20.5
5 31	13 39.88	−18 37.3	4.191	5.006	7.6	20.7
297420 2000 SO_{48}			4 21.1 221°.06		1°.8/23.3 17	
3 22	14 15.74	−20 49.2	2.682	3.524	9.9	20.9
4 1	14 10.39	−20 20.0	2.595	3.517	7.3	20.7
4 11	14 3.73	−19 38.5	2.533	3.508	4.4	20.5
4 21	13 56.34	−18 47.0	2.500	3.500	2.0	20.3
5 1	13 48.92	−17 48.8	2.497	3.491	3.2	20.4
5 11	13 42.15	−16 48.6	2.523	3.482	6.1	20.6
5 21	13 36.60	−15 51.0	2.575	3.472	9.0	20.8
5 31	13 32.68	−15 0.1	2.651	3.462	11.5	20.9
320490 2007 WB_{7}			4 21.1 216°.05		1°.0/21.9 16	
3 22	14 21.44	−16 35.2	1.898	2.760	12.6	21.7
4 1	14 14.79	−16 12.6	1.816	2.752	9.0	21.5
4 11	14 6.16	−15 37.3	1.759	2.743	5.0	21.2
4 21	13 56.38	−14 52.0	1.730	2.734	1.1	20.9
5 1	13 46.47	−14 1.3	1.729	2.724	4.2	21.1
5 11	13 37.53	−13 11.4	1.755	2.713	8.5	21.4
5 21	13 30.38	−12 27.8	1.807	2.701	12.3	21.6
5 31	13 25.58	−11 55.2	1.880	2.689	15.6	21.8
30496 2000 QN_{80}			4 21.1 238°.13		2°.4/18.3 18	
3 22	14 14.65	− 6 24.4	2.443	3.326	9.3	19.1
4 1	14 9.64	− 5 22.5	2.369	3.318	6.4	18.9
4 11	14 3.35	− 4 16.9	2.322	3.309	3.6	18.7
4 21	13 56.34	− 3 12.2	2.303	3.300	2.6	18.6
5 1	13 49.31	− 2 13.5	2.314	3.291	5.1	18.7
5 11	13 42.96	− 1 25.1	2.352	3.282	8.1	18.9
5 21	13 37.83	− 0 50.0	2.415	3.273	11.0	19.1
5 31	13 34.34	− 0 29.8	2.500	3.263	13.4	19.2
466663 2014 WQ_{124}			4 21.1 275°.24		3°.2/23.5 17	
3 22	14 19.35	−21 38.4	1.564	2.423	14.9	20.8
4 1	14 13.76	−21 23.8	1.480	2.409	11.2	20.6
4 11	14 5.80	−20 49.2	1.418	2.395	7.0	20.3
4 21	13 56.37	−19 56.3	1.381	2.381	3.4	20.0
5 1	13 46.73	−18 50.1	1.371	2.366	5.0	20.1
5 11	13 38.17	−17 38.5	1.387	2.352	9.4	20.3
5 21	13 31.73	−16 30.4	1.425	2.338	13.8	20.5
5 31	13 28.07	−15 33.1	1.484	2.323	17.6	20.7
244508 2002 TM_{155}			4 21.1 243°.60		0°.6/20.5 18	
3 22	14 15.39	−13 39.1	2.096	2.971	11.0	20.4
4 1	14 10.35	−12 36.5	2.021	2.965	7.6	20.1
4 11	14 3.77	−11 23.2	1.971	2.960	3.9	19.9
4 21	13 56.35	−10 4.2	1.949	2.954	0.6	19.6
5 1	13 48.93	− 8 45.4	1.956	2.948	4.3	19.9
5 11	13 42.33	− 7 33.3	1.991	2.942	8.1	20.1
5 21	13 37.19	− 6 33.0	2.051	2.936	11.5	20.3
5 31	13 33.97	− 5 47.8	2.133	2.930	14.4	20.5
24152 Ramasesh			4 21.1 61°.72		1°.3/20.0 18	
3 22	14 17.19	−10 34.7	1.779	2.663	12.1	19.4
4 1	14 11.69	− 9 52.6	1.723	2.672	8.3	19.2
4 11	14 4.47	− 9 3.2	1.691	2.680	4.2	19.0
4 21	13 56.36	− 8 11.6	1.685	2.689	1.4	18.8
5 1	13 48.36	− 7 23.4	1.708	2.698	5.0	19.0
5 11	13 41.41	− 6 44.1	1.757	2.707	9.0	19.3
5 21	13 36.18	− 6 17.5	1.829	2.716	12.6	19.5
5 31	13 33.14	− 6 5.6	1.922	2.725	15.5	19.7
521028 2015 CG_{70}			4 21.1 136°.71		3°.0/23.8 17	
3 22	14 18.51	−22 15.4	1.947	2.794	12.9	21.3
4 1	14 12.67	−22 2.4	1.875	2.797	9.7	21.1
4 11	14 5.02	−21 33.0	1.828	2.800	6.1	20.9
4 21	13 56.39	−20 49.1	1.806	2.803	3.2	20.7
5 1	13 47.76	−19 55.0	1.813	2.806	4.3	20.8
5 11	13 40.12	−18 56.7	1.846	2.809	7.7	21.0
5 21	13 34.23	−18 0.5	1.905	2.812	11.2	21.2
5 31	13 30.57	−17 12.1	1.986	2.814	14.2	21.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
259511 2003 SU_{333}			4 21.1 259°.46		2°.4/18.3 18	
	h m	° ′			°	m
3 22	14 13.91	− 5 2.1	2.633	3.516	8.7	20.7
4 1	14 9.05	− 4 17.6	2.564	3.512	6.0	20.5
4 11	14 3.02	− 3 31.3	2.521	3.507	3.4	20.4
4 21	13 56.36	− 2 47.1	2.507	3.503	2.6	20.3
5 1	13 49.70	− 2 8.9	2.522	3.499	4.8	20.4
5 11	13 43.67	− 1 40.0	2.565	3.494	7.6	20.6
5 21	13 38.77	− 1 22.6	2.632	3.490	10.2	20.8
5 31	13 35.37	− 1 17.7	2.721	3.485	12.4	20.9
283513 2001 TN_{24}			4 21.1 208°.49		0°.8/22.8 18	
3 22	14 9.40	−18 6.9	4.910	5.754	5.7	20.4
4 1	14 5.57	−17 49.6	4.826	5.751	4.1	20.3
4 11	14 1.12	−17 27.1	4.769	5.748	2.4	20.2
4 21	13 56.35	−17 0.5	4.743	5.744	0.9	20.0
5 1	13 51.56	−16 31.4	4.746	5.741	1.8	20.1
5 11	13 47.10	−16 1.8	4.780	5.737	3.5	20.2
5 21	13 43.23	−15 33.5	4.841	5.734	5.2	20.3
5 31	13 40.19	−15 8.1	4.928	5.730	6.7	20.5
428692 2008 NN_{3}			4 21.1 294°.72		1°.9/22.6 17	
3 22	14 18.00	−18 37.9	1.683	2.549	13.6	21.0
4 1	14 12.63	−18 21.4	1.601	2.537	10.0	20.8
4 11	14 5.15	−17 49.3	1.543	2.525	5.8	20.5
4 21	13 56.41	−17 4.0	1.511	2.513	2.1	20.2
5 1	13 47.50	−16 10.4	1.505	2.502	4.5	20.4
5 11	13 39.59	−15 15.3	1.526	2.490	8.9	20.6
5 21	13 33.57	−14 25.5	1.570	2.478	13.0	20.8
5 31	13 30.07	−13 46.6	1.635	2.467	16.6	21.0
299387 2005 WH_{28}			4 21.1 336°.06		4°.6/24.3 16	
3 22	14 17.73	−23 54.9	1.165	2.035	18.2	20.5
4 1	14 13.11	−23 43.4	1.096	2.028	13.9	20.2
4 11	14 5.62	−23 4.4	1.047	2.022	9.1	19.9
4 21	13 56.41	−21 59.2	1.020	2.017	5.0	19.7
5 1	13 47.05	−20 34.7	1.016	2.012	6.2	19.7
5 11	13 39.19	−19 2.4	1.035	2.007	10.9	20.0
5 21	13 34.00	−17 34.8	1.076	2.004	15.8	20.2
5 31	13 32.15	−16 21.7	1.134	2.001	20.1	20.5
368321 2002 PA_{163}			4 21.1 312°.21		1°.0/21.7 17	
3 22	14 18.93	−15 1.6	1.303	2.189	15.5	21.0
4 1	14 13.88	−14 57.8	1.218	2.166	11.2	20.7
4 11	14 6.08	−14 40.1	1.154	2.142	6.1	20.3
4 21	13 56.44	−14 10.9	1.115	2.119	1.1	19.9
5 1	13 46.35	−13 35.2	1.100	2.097	5.5	20.2
5 11	13 37.36	−13 0.6	1.109	2.075	11.1	20.4
5 21	13 30.71	−12 34.1	1.139	2.054	16.3	20.6
5 31	13 27.24	−12 21.5	1.186	2.033	20.7	20.8
505078 2011 UJ_{39}			4 21.1 33°.60		5°.8/15.0 18	
3 22	14 15.59	+ 5 27.9	2.276	3.158	9.9	21.1
4 1	14 10.31	+ 6 26.0	2.223	3.159	7.6	21.0
4 11	14 3.70	+ 7 17.7	2.196	3.160	6.0	20.9
4 21	13 56.41	+ 7 57.8	2.197	3.161	6.2	20.9
5 1	13 49.18	+ 8 22.1	2.224	3.162	8.0	21.0
5 11	13 42.73	+ 8 28.3	2.277	3.162	10.4	21.1
5 21	13 37.63	+ 8 16.2	2.352	3.163	12.7	21.3
5 31	13 34.26	+ 7 47.0	2.446	3.164	14.8	21.5
306472 1999 RK_{199}			4 21.1 248°.36		3°.2/24.7 18	
3 22	14 17.99	−25 14.0	3.029	3.843	9.7	21.3
4 1	14 11.99	−25 18.2	2.924	3.823	7.5	21.1
4 11	14 4.62	−25 10.1	2.846	3.802	5.2	20.9
4 21	13 56.43	−24 50.1	2.795	3.781	3.4	20.8
5 1	13 48.07	−24 19.8	2.774	3.759	3.8	20.7
5 11	13 40.24	−23 42.5	2.783	3.737	5.9	20.8
5 21	13 33.54	−23 1.9	2.819	3.714	8.3	21.0
5 31	13 28.42	−22 22.4	2.879	3.691	10.7	21.1
143577 2003 FG_{2}			4 21.1 358°.88		2°.0/19.2 17	
3 22	14 14.65	− 8 31.7	2.078	2.964	10.6	19.9
4 1	14 9.81	− 7 37.8	2.013	2.963	7.3	19.7
4 11	14 3.50	− 6 38.7	1.973	2.963	3.8	19.5
4 21	13 56.41	− 5 39.1	1.962	2.963	2.1	19.4
5 1	13 49.34	− 4 44.7	1.978	2.963	5.0	19.6
5 11	13 43.10	− 4 0.2	2.021	2.963	8.5	19.8
5 21	13 38.29	− 3 29.1	2.088	2.963	11.7	20.0
5 31	13 35.33	− 3 13.1	2.176	2.964	14.4	20.2
344264 2001 SL_{329}			4 21.1 168°.87		2°.9/17.9 17	
3 22	14 15.34	− 4 45.7	2.447	3.330	9.3	21.6
4 1	14 10.08	− 3 44.0	2.385	3.332	6.4	21.4
4 11	14 3.57	− 2 40.4	2.349	3.335	3.7	21.2
4 21	13 56.41	− 1 39.6	2.343	3.337	3.1	21.2
5 1	13 49.30	− 0 46.5	2.365	3.338	5.3	21.3
5 11	13 42.91	− 0 4.9	2.416	3.340	8.2	21.5
5 21	13 37.77	+ 0 22.8	2.490	3.341	10.9	21.7
5 31	13 34.26	+ 0 35.6	2.586	3.341	13.2	21.9

210664 2000 QB_{68} 4 21.1 202°.80 0°.4/21.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 22.98	−13 57.4	1.791	2.659	12.9	20.7
4 1	14 15.93	−13 45.8	1.716	2.656	9.1	20.5
4 11	14 6.80	−13 24.2	1.665	2.651	4.8	20.2
4 21	13 56.46	−12 55.2	1.641	2.646	0.4	19.9
5 1	13 46.04	−12 23.3	1.646	2.641	4.5	20.2
5 11	13 36.66	−11 53.7	1.679	2.634	8.9	20.4
5 21	13 29.19	−11 31.2	1.736	2.628	12.9	20.7
5 31	13 24.22	−11 19.4	1.813	2.620	16.2	20.9

156555 2002 EB_{47} 4 21.1 265°.98 6°.5/14.6 17

3 22	14 16.06	+ 2 47.8	1.826	2.718	11.4	19.9
4 1	14 10.96	+ 4 24.1	1.766	2.710	8.6	19.7
4 11	14 4.16	+ 5 57.0	1.732	2.702	6.7	19.6
4 21	13 56.42	+ 7 18.3	1.724	2.693	7.0	19.6
5 1	13 48.68	+ 8 20.6	1.743	2.685	9.4	19.7
5 11	13 41.85	+ 8 59.4	1.786	2.677	12.5	19.8
5 21	13 36.65	+ 9 13.2	1.849	2.669	15.4	20.0
5 31	13 33.55	+ 9 3.1	1.931	2.660	17.9	20.2

491679 2012 UL_{32} 4 21.1 76°.36 0°.0/21.2 17

3 22	14 16.07	−15 1.9	2.175	3.043	10.9	21.3
4 1	14 10.62	−14 10.1	2.124	3.065	7.6	21.1
4 11	14 3.84	−13 9.0	2.100	3.087	3.9	20.9
4 21	13 56.42	−12 2.8	2.103	3.108	0.1	20.6
5 1	13 49.18	−10 56.8	2.136	3.130	3.7	21.0
5 11	13 42.86	− 9 56.4	2.197	3.151	7.2	21.2
5 21	13 38.00	− 9 5.9	2.283	3.172	10.3	21.5
5 31	13 34.95	− 8 28.0	2.391	3.193	12.9	21.7

55803 1994 PD_{7} 4 21.1 179°.84 4°.1/17.8 18

3 22	14 20.41	− 4 35.1	1.636	2.525	12.7	19.7
4 1	14 14.09	− 3 21.6	1.576	2.527	8.9	19.5
4 11	14 5.80	− 2 5.2	1.542	2.528	5.2	19.3
4 21	13 56.45	− 0 53.1	1.534	2.528	4.3	19.2
5 1	13 47.17	+ 0 7.1	1.554	2.528	7.5	19.4
5 11	13 39.03	+ 0 49.3	1.599	2.527	11.4	19.6
5 21	13 32.83	+ 1 11.0	1.666	2.526	15.0	19.9
5 31	13 29.07	+ 1 11.5	1.752	2.524	18.0	20.1

20986 1981 EL_{37} 4 21.1 269°.99 0°.3/20.8 18

3 22	14 14.70	−13 53.4	2.359	3.230	10.1	19.5
4 1	14 9.81	−13 0.9	2.273	3.215	7.0	19.2
4 11	14 3.52	−11 58.7	2.212	3.200	3.6	19.0
4 21	13 56.43	−10 50.5	2.180	3.185	0.3	18.7
5 1	13 49.26	− 9 41.4	2.178	3.170	3.8	19.0
5 11	13 42.77	− 8 36.8	2.203	3.155	7.4	19.1
5 21	13 37.56	− 7 41.3	2.254	3.139	10.6	19.3
5 31	13 34.09	− 6 58.4	2.328	3.124	13.4	19.5

57807 2001 VV_{121} 4 21.1 134°.22 3°.7/18.4 18

3 22	14 22.42	− 1 40.7	1.967	2.847	11.3	18.7
4 1	14 15.15	− 1 16.3	1.912	2.857	8.0	18.6
4 11	14 6.23	− 0 53.7	1.884	2.867	4.8	18.4
4 21	13 56.47	− 0 37.4	1.884	2.877	3.9	18.3
5 1	13 46.84	− 0 31.0	1.913	2.886	6.4	18.5
5 11	13 38.26	− 0 37.1	1.968	2.894	9.7	18.7
5 21	13 31.42	− 0 56.5	2.048	2.903	12.8	18.9
5 31	13 26.74	− 1 28.9	2.148	2.911	15.4	19.1

498573 2008 LX_{9} 4 21.1 304°.14 7°.3/14.4 17

3 22	14 15.70	+ 2 14.1	1.520	2.420	12.8	21.3
4 1	14 11.06	+ 3 58.2	1.453	2.402	9.7	21.0
4 11	14 4.36	+ 5 40.5	1.411	2.384	7.5	20.9
4 21	13 56.44	+ 7 10.9	1.393	2.366	8.0	20.9
5 1	13 48.40	+ 8 19.9	1.401	2.349	10.8	21.0
5 11	13 41.37	+ 9 1.0	1.431	2.331	14.4	21.1
5 21	13 36.22	+ 9 12.5	1.481	2.314	17.8	21.3
5 31	13 33.54	+ 8 55.6	1.546	2.298	20.8	21.5

157844 1998 QN_{84} 4 21.2 268°.36 1°.8/22.9 18

3 22	14 18.09	−20 6.1	2.271	3.118	11.3	19.7
4 1	14 12.38	−19 36.2	2.166	3.092	8.3	19.5
4 11	14 4.95	−18 51.7	2.086	3.064	5.0	19.2
4 21	13 56.45	−17 54.6	2.034	3.036	2.0	19.0
5 1	13 47.73	−16 48.7	2.012	3.007	3.7	19.1
5 11	13 39.68	−15 40.0	2.018	2.977	7.4	19.2
5 21	13 33.05	−14 34.3	2.050	2.947	10.9	19.4
5 31	13 28.42	−13 37.1	2.105	2.917	14.1	19.5

393110 2013 BK_{3} 4 21.2 222°.52 4°.6/15.9 18

3 22	14 15.73	+ 2 47.2	2.602	3.483	8.9	20.9
4 1	14 10.33	+ 3 38.8	2.537	3.477	6.6	20.7
4 11	14 3.71	+ 4 26.8	2.499	3.470	4.8	20.6
4 21	13 56.44	+ 5 6.9	2.489	3.463	4.9	20.6
5 1	13 49.16	+ 5 35.2	2.508	3.456	6.6	20.7
5 11	13 42.55	+ 5 49.0	2.553	3.448	9.0	20.8
5 21	13 37.11	+ 5 47.4	2.622	3.440	11.4	21.0
5 31	13 33.23	+ 5 30.7	2.711	3.432	13.4	21.1

319984 2007 CB_{59} 4 21.2 51°.64 5°.8/15.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 15.99	− 1 4.7	1.600	2.498	12.4	19.9
4 1	14 10.98	+ 0 39.6	1.550	2.502	8.9	19.7
4 11	14 4.18	+ 2 23.1	1.526	2.506	6.2	19.6
4 21	13 56.44	+ 3 56.7	1.528	2.510	6.3	19.6
5 1	13 48.82	+ 5 11.7	1.556	2.515	9.0	19.8
5 11	13 42.29	+ 6 2.6	1.609	2.519	12.5	20.0
5 21	13 37.58	+ 6 27.6	1.682	2.524	15.7	20.2
5 31	13 35.12	+ 6 27.6	1.773	2.528	18.4	20.4

119821 2002 AL_{195} 4 21.2 221°.92 6°.2/28.5 18

3 22	14 18.59	−35 55.5	2.786	3.543	11.8	20.2
4 1	14 12.57	−36 9.4	2.693	3.535	10.0	20.0
4 11	14 4.98	−36 4.5	2.622	3.528	8.1	19.9
4 21	13 56.46	−35 39.9	2.577	3.519	6.6	19.8
5 1	13 47.84	−34 56.8	2.558	3.511	6.3	19.8
5 11	13 39.96	−33 59.0	2.567	3.502	7.3	19.8
5 21	13 33.49	−32 51.9	2.603	3.493	9.1	19.9
5 31	13 28.94	−31 41.5	2.662	3.484	11.2	20.0

473152 2015 KM_{16} 4 21.2 342°.03 4°.1/16.9 17

3 22	14 14.14	− 3 8.1	1.927	2.821	10.8	20.7
4 1	14 9.55	− 1 49.6	1.866	2.817	7.6	20.5
4 11	14 3.41	− 0 29.6	1.830	2.814	4.8	20.3
4 21	13 56.44	+ 0 45.2	1.822	2.811	4.5	20.2
5 1	13 49.50	+ 1 48.2	1.841	2.809	7.1	20.4
5 11	13 43.42	+ 2 34.3	1.885	2.806	10.3	20.6
5 21	13 38.83	+ 3 0.9	1.952	2.804	13.4	20.8
5 31	13 36.18	+ 3 7.6	2.038	2.802	16.0	21.0

19343 1997 AR_{7} 4 21.2 94°.18 1°.1/21.9 18

3 22	14 21.93	−16 24.5	1.548	2.419	14.4	18.8
4 1	14 15.19	−16 3.8	1.496	2.436	10.2	18.6
4 11	14 6.36	−15 29.5	1.467	2.452	5.6	18.3
4 21	13 56.49	−14 45.3	1.464	2.469	1.2	18.1
5 1	13 46.81	−13 56.9	1.489	2.485	4.6	18.3
5 11	13 38.49	−13 11.3	1.539	2.500	9.1	18.6
5 21	13 32.34	−12 34.1	1.614	2.516	13.1	18.9
5 31	13 28.80	−12 9.4	1.708	2.531	16.4	19.2

59823 1999 RU_{26} 4 21.2 212°.83 1°.7/19.2 18

3 22	14 14.87	− 7 54.1	2.641	3.519	8.9	19.8
4 1	14 9.74	− 7 9.8	2.568	3.515	6.1	19.7
4 11	14 3.42	− 6 21.7	2.522	3.510	3.2	19.5
4 21	13 56.45	− 5 33.5	2.505	3.506	1.8	19.3
5 1	13 49.47	− 4 49.2	2.518	3.501	4.2	19.5
5 11	13 43.14	− 4 12.4	2.558	3.496	7.2	19.7
5 21	13 37.95	− 3 45.8	2.624	3.490	9.9	19.9
5 31	13 34.29	− 3 31.2	2.712	3.485	12.3	20.0

386930 2011 LV_{26} 4 21.2 295°.98 7°.2/27.9 18

3 22	14 17.99	−33 54.5	1.978	2.770	14.9	20.4
4 1	14 12.65	−34 5.0	1.887	2.757	12.4	20.2
4 11	14 5.20	−33 51.2	1.817	2.744	9.8	20.0
4 21	13 56.48	−33 11.6	1.771	2.731	7.7	19.9
5 1	13 47.57	−32 8.2	1.750	2.718	7.3	19.8
5 11	13 39.64	−30 46.8	1.755	2.706	9.0	19.9
5 21	13 33.59	−29 15.9	1.784	2.693	11.7	20.0
5 31	13 30.03	−27 44.4	1.836	2.681	14.5	20.2

388298 2006 SW_{140} 4 21.2 197°.01 3°.8/16.7 17

3 22	14 16.07	+ 0 45.0	2.809	3.687	8.4	21.7
4 1	14 10.49	+ 1 32.7	2.743	3.684	6.1	21.5
4 11	14 3.79	+ 2 18.2	2.705	3.681	4.2	21.4
4 21	13 56.47	+ 2 57.7	2.696	3.677	4.0	21.3
5 1	13 49.18	+ 3 27.6	2.716	3.672	5.8	21.5
5 11	13 42.50	+ 3 45.4	2.764	3.667	8.1	21.6
5 21	13 36.93	+ 3 49.8	2.836	3.662	10.4	21.7
5 31	13 32.82	+ 3 40.6	2.930	3.656	12.4	21.9

377343 2004 QJ_{14} 4 21.2 149°.63 11°.0/ 2.4 17

3 22	14 23.67	−44 58.6	2.043	2.751	17.0	20.5
4 1	14 16.84	−45 44.9	1.965	2.754	15.2	20.3
4 11	14 7.45	−46 1.7	1.906	2.757	13.3	20.2
4 21	13 56.53	−45 45.4	1.868	2.759	11.7	20.1
5 1	13 45.48	−44 55.7	1.852	2.762	11.0	20.0
5 11	13 35.75	−43 37.5	1.860	2.764	11.4	20.1
5 21	13 28.40	−41 59.7	1.891	2.766	12.8	20.1
5 31	13 24.07	−40 12.7	1.944	2.767	14.6	20.3

345885 2007 RO_{50} 4 21.2 272°.86 0°.5/21.7 17

3 22	14 15.79	−16 42.8	2.011	2.879	11.7	21.3
4 1	14 10.77	−15 52.4	1.929	2.869	8.3	21.1
4 11	14 4.10	−14 48.5	1.873	2.858	4.5	20.8
4 21	13 56.48	−13 35.2	1.844	2.848	0.6	20.5
5 1	13 48.80	−12 18.1	1.843	2.838	4.0	20.8
5 11	13 41.96	−11 4.1	1.870	2.828	8.0	21.0
5 21	13 36.67	− 9 59.2	1.922	2.817	11.6	21.2
5 31	13 33.41	− 9 7.8	1.995	2.807	14.7	21.4

499550 2010 RF_{127} 4 21.2 267°.66 1°.6/19.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 20.26	−10 5.3	1.626	2.510	13.1	22.1
4 1	14 14.30	− 9 26.2	1.541	2.490	9.2	21.8
4 11	14 6.10	− 8 38.1	1.481	2.471	4.7	21.5
4 21	13 56.51	− 7 45.9	1.447	2.451	1.7	21.3
5 1	13 46.67	− 6 56.0	1.441	2.431	5.8	21.5
5 11	13 37.80	− 6 15.1	1.460	2.410	10.5	21.7
5 21	13 30.86	− 5 48.2	1.502	2.389	14.8	21.9
5 31	13 26.52	− 5 38.4	1.563	2.368	18.5	22.1

181982 1999 VO_{74} 4 21.2 340°.12 0°.2/21.0 17

3 22	14 16.67	−12 25.4	2.120	2.995	10.9	20.1
4 1	14 11.27	−12 11.7	2.047	2.991	7.6	19.9
4 11	14 4.32	−11 51.0	2.000	2.988	3.9	19.6
4 21	13 56.49	−11 26.0	1.980	2.985	0.2	19.3
5 1	13 48.62	−11 0.3	1.989	2.982	3.9	19.6
5 11	13 41.56	−10 38.2	2.025	2.980	7.6	19.9
5 21	13 35.97	−10 22.9	2.085	2.978	11.0	20.1
5 31	13 32.32	−10 17.1	2.167	2.976	13.8	20.2

465119 2006 WV_{110} 4 21.2 278°.18 2°.3/22.9 17

3 22	14 18.79	−20 25.5	1.683	2.543	14.0	21.6
4 1	14 13.34	−19 55.6	1.589	2.521	10.4	21.3
4 11	14 5.64	−19 6.5	1.518	2.498	6.2	21.0
4 21	13 56.51	−18 0.4	1.473	2.474	2.5	20.7
5 1	13 47.09	−16 42.7	1.455	2.451	4.6	20.8
5 11	13 38.61	−15 21.7	1.463	2.427	9.2	21.0
5 21	13 32.05	−14 5.9	1.495	2.403	13.6	21.2
5 31	13 28.10	−13 2.4	1.548	2.378	17.4	21.3

102052 1999 RA_{125} 4 21.2 261°.86 0°.1/21.1 18

3 22	14 15.94	−13 30.9	2.528	3.395	9.6	20.7
4 1	14 10.64	−13 2.3	2.438	3.378	6.8	20.5
4 11	14 3.97	−12 25.8	2.374	3.361	3.5	20.2
4 21	13 56.48	−11 44.1	2.339	3.344	0.1	19.9
5 1	13 48.90	−11 1.1	2.333	3.326	3.5	20.2
5 11	13 41.93	−10 20.8	2.356	3.309	6.9	20.4
5 21	13 36.18	− 9 47.0	2.404	3.291	10.0	20.5
5 31	13 32.10	− 9 22.7	2.476	3.272	12.6	20.7

270435 2002 CA_{92} 4 21.2 110°.59 3°.0/23.6 17

3 22	14 20.77	−21 15.1	1.901	2.749	13.1	20.7
4 1	14 14.28	−21 19.2	1.836	2.758	9.8	20.5
4 11	14 5.91	−21 8.3	1.794	2.767	6.1	20.3
4 21	13 56.52	−20 43.6	1.778	2.776	3.2	20.1
5 1	13 47.16	−20 8.7	1.791	2.784	4.4	20.2
5 11	13 38.87	−19 29.0	1.831	2.792	7.8	20.4
5 21	13 32.41	−18 50.3	1.896	2.801	11.3	20.6
5 31	13 28.29	−18 17.6	1.982	2.808	14.3	20.8

212699 2007 QN_{3} 4 21.2 167°.41 0°.4/20.8 18

3 22	14 20.58	−13 49.6	1.758	2.631	12.8	21.1
4 1	14 14.16	−13 0.5	1.692	2.636	9.0	20.9
4 11	14 5.85	−12 0.0	1.651	2.639	4.6	20.6
4 21	13 56.52	−10 52.8	1.638	2.643	0.4	20.3
5 1	13 47.25	− 9 45.6	1.652	2.645	4.7	20.6
5 11	13 39.08	− 8 45.1	1.694	2.647	9.1	20.9
5 21	13 32.79	− 7 56.9	1.760	2.648	12.9	21.1
5 31	13 28.87	− 7 24.4	1.846	2.649	16.1	21.3

4066 Haapavesi 4 21.2 265°.92 1°.9/22.5 18

3 22	14 20.54	−19 8.3	1.585	2.450	14.5	17.2
4 1	14 14.67	−18 36.6	1.493	2.428	10.6	16.9
4 11	14 6.39	−17 45.9	1.424	2.406	6.2	16.6
4 21	13 56.54	−16 38.7	1.380	2.383	2.0	16.2
5 1	13 46.36	−15 20.9	1.363	2.359	4.8	16.3
5 11	13 37.18	−14 1.2	1.373	2.336	9.8	16.6
5 21	13 30.08	−12 48.5	1.406	2.311	14.4	16.8
5 31	13 25.75	−11 50.0	1.459	2.286	18.5	17.0

210556 1999 TU_{46} 4 21.2 276°.58 0°.8/20.6 17

3 22	14 20.86	−11 40.2	1.610	2.490	13.4	21.0
4 1	14 14.83	−11 13.0	1.520	2.467	9.4	20.7
4 11	14 6.46	−10 35.6	1.453	2.443	4.9	20.4
4 21	13 56.56	− 9 52.0	1.413	2.418	0.8	20.0
5 1	13 46.30	− 9 7.8	1.400	2.393	5.4	20.3
5 11	13 36.98	− 8 29.7	1.413	2.368	10.4	20.5
5 21	13 29.62	− 8 3.2	1.449	2.342	14.9	20.7
5 31	13 24.94	− 7 52.2	1.504	2.316	18.7	20.9

20450 Marymohammed 4 21.2 257°.49 3°.7/18.3 17

3 22	14 19.83	− 5 22.9	1.613	2.503	12.8	19.1
4 1	14 13.92	− 4 22.6	1.537	2.488	9.0	18.8
4 11	14 5.88	− 3 17.5	1.485	2.472	5.1	18.6
4 21	13 56.55	− 2 14.3	1.460	2.457	3.9	18.4
5 1	13 47.07	− 1 20.6	1.462	2.441	7.3	18.6
5 11	13 38.60	− 0 42.7	1.489	2.424	11.5	18.8
5 21	13 32.05	− 0 24.3	1.538	2.407	15.5	19.0
5 31	13 28.03	− 0 26.7	1.606	2.390	18.9	19.2

272658 2005 WD_{177} 4 21.2 155°.95 0°.5/20.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 19.51	−12 7.2	2.264	3.132	10.5	21.8
4 1	14 13.09	−11 37.9	2.198	3.140	7.3	21.6
4 11	14 5.20	−11 1.6	2.159	3.147	3.7	21.4
4 21	13 56.55	−10 21.7	2.149	3.153	0.5	21.2
5 1	13 47.95	− 9 42.1	2.168	3.159	3.9	21.4
5 11	13 40.21	− 9 7.3	2.215	3.165	7.5	21.7
5 21	13 33.95	− 8 40.7	2.288	3.170	10.6	21.9
5 31	13 29.58	− 8 24.8	2.384	3.174	13.3	22.1

272969 2006 DT_{1} 4 21.2 108°.54 1°.4/19.9 18

3 22	14 18.42	− 9 35.8	1.865	2.747	11.8	20.6
4 1	14 12.58	− 9 2.1	1.803	2.751	8.1	20.3
4 11	14 5.02	− 8 22.5	1.765	2.755	4.1	20.1
4 21	13 56.54	− 7 41.3	1.755	2.759	1.5	19.9
5 1	13 48.12	− 7 3.5	1.773	2.763	5.0	20.2
5 11	13 40.68	− 6 34.0	1.818	2.767	8.9	20.4
5 21	13 34.93	− 6 16.1	1.887	2.770	12.4	20.6
5 31	13 31.34	− 6 11.9	1.976	2.774	15.3	20.8

417494 2006 SX_{33} 4 21.2 249°.19 3°.3/23.6 17

3 22	14 21.86	−21 36.7	1.792	2.640	13.8	21.8
4 1	14 15.40	−21 41.3	1.704	2.626	10.4	21.5
4 11	14 6.70	−21 29.5	1.639	2.612	6.6	21.3
4 21	13 56.59	−21 1.7	1.600	2.597	3.5	21.0
5 1	13 46.21	−20 21.1	1.589	2.582	4.8	21.1
5 11	13 36.80	−19 33.7	1.604	2.566	8.7	21.3
5 21	13 29.32	−18 46.2	1.644	2.550	12.7	21.5
5 31	13 24.44	−18 5.2	1.705	2.533	16.2	21.7

332898 2011 BM_{36} 4 21.2 60°.79 3°.4/18.4 17

3 22	14 17.67	− 5 39.2	1.672	2.564	12.3	20.9
4 1	14 12.18	− 4 39.2	1.614	2.566	8.5	20.7
4 11	14 4.86	− 3 35.8	1.581	2.568	4.8	20.5
4 21	13 56.56	− 2 35.4	1.574	2.571	3.6	20.4
5 1	13 48.33	− 1 44.9	1.594	2.573	6.7	20.6
5 11	13 41.16	− 1 9.6	1.639	2.575	10.6	20.8
5 21	13 35.81	− 0 52.4	1.707	2.578	14.1	21.0
5 31	13 32.73	− 0 53.9	1.794	2.580	17.1	21.2

297121 2010 RB_{126} 4 21.2 291°.91 0°.1/21.2 17

3 22	14 21.72	−12 31.9	1.438	2.321	14.5	20.3
4 1	14 15.59	−12 30.3	1.359	2.306	10.3	20.0
4 11	14 6.90	−12 19.1	1.302	2.291	5.4	19.7
4 21	13 56.60	−12 1.0	1.271	2.276	0.1	19.2
5 1	13 46.01	−11 40.7	1.266	2.261	5.3	19.6
5 11	13 36.54	−11 23.9	1.286	2.247	10.5	19.9
5 21	13 29.29	−11 15.7	1.329	2.232	15.2	20.1
5 31	13 25.00	−11 19.9	1.390	2.218	19.2	20.3

30854 1991 VB 4 21.2 183°.16 2°.0/23.2 14 C

3 22	14 22.67	−21 0.3	2.319	3.156	11.5	22.3
4 1	14 15.37	−20 30.4	2.238	3.157	8.5	22.1
4 11	14 6.44	−19 46.2	2.183	3.158	5.1	21.9
4 21	13 56.60	−18 49.8	2.157	3.157	2.2	21.7
5 1	13 46.76	−17 45.3	2.162	3.155	3.7	21.8
5 11	13 37.83	−16 38.5	2.195	3.152	7.1	22.0
5 21	13 30.48	−15 35.3	2.256	3.148	10.3	22.2
5 31	13 25.19	−14 40.4	2.341	3.142	13.2	22.4

352327 2007 UB_{128} 4 21.2 23°.78 2°.2/19.6 17

3 22	14 19.09	− 6 5.7	1.869	2.754	11.6	20.0
4 1	14 13.04	− 5 54.3	1.809	2.758	8.0	19.8
4 11	14 5.27	− 5 41.1	1.774	2.762	4.3	19.5
4 21	13 56.58	− 5 29.7	1.765	2.766	2.3	19.4
5 1	13 47.93	− 5 23.8	1.785	2.771	5.3	19.6
5 11	13 40.27	− 5 26.6	1.831	2.776	9.1	19.8
5 21	13 34.30	− 5 40.0	1.901	2.781	12.5	20.1
5 31	13 30.49	− 6 4.8	1.991	2.787	15.3	20.3

257618 1999 TJ_{73} 4 21.2 91°.61 4°.7/25.4 18

3 22	14 19.99	−27 8.8	2.395	3.208	11.9	20.6
4 1	14 13.61	−27 37.7	2.320	3.213	9.4	20.4
4 11	14 5.58	−27 51.3	2.269	3.218	6.8	20.2
4 21	13 56.59	−27 49.2	2.245	3.223	4.9	20.1
5 1	13 47.53	−27 32.9	2.249	3.228	5.1	20.1
5 11	13 39.29	−27 6.1	2.281	3.233	7.1	20.3
5 21	13 32.58	−26 33.7	2.338	3.238	9.7	20.4
5 31	13 27.89	−26 0.8	2.418	3.242	12.1	20.6

152877 2000 AY_{126} 4 21.2 127°.10 1°.6/19.9 18

3 22	14 22.14	−10 44.2	1.471	2.356	14.2	20.1
4 1	14 15.43	− 9 52.5	1.418	2.367	9.8	19.9
4 11	14 6.57	− 8 51.7	1.388	2.378	5.0	19.6
4 21	13 56.61	− 7 48.1	1.385	2.389	1.7	19.4
5 1	13 46.82	− 6 49.2	1.409	2.399	5.9	19.7
5 11	13 38.40	− 6 1.9	1.458	2.408	10.5	20.0
5 21	13 32.19	− 5 30.8	1.530	2.417	14.6	20.3
5 31	13 28.64	− 5 18.0	1.621	2.426	17.9	20.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
501001 2013 RD_{26}			4 21.2 210°.10		2°.5/23.5 17	
	h m	° ′			°	m
3 22	14 19.83	−21 27.9	2.169	3.011	12.0	22.4
4 1	14 13.57	−21 11.1	2.085	3.005	8.9	22.2
4 11	14 5.58	−20 39.4	2.025	2.999	5.5	22.0
4 21	13 56.59	−19 54.7	1.993	2.991	2.7	21.8
5 1	13 47.52	−19 0.6	1.990	2.983	3.9	21.8
5 11	13 39.30	−18 2.6	2.015	2.975	7.3	22.0
5 21	13 32.67	−17 6.6	2.066	2.966	10.7	22.2
5 31	13 28.15	−16 17.9	2.139	2.956	13.7	22.4
172518 2003 SD_{251}			4 21.2 303°.01		0°.9/20.6 17	
3 22	14 19.75	−11 20.1	1.334	2.225	14.9	19.7
4 1	14 14.38	−10 59.4	1.251	2.203	10.5	19.4
4 11	14 6.36	−10 28.2	1.191	2.181	5.5	19.0
4 21	13 56.61	− 9 50.8	1.155	2.160	0.9	18.6
5 1	13 46.47	− 9 13.4	1.145	2.139	6.0	18.9
5 11	13 37.43	− 8 43.4	1.158	2.118	11.5	19.2
5 21	13 30.67	− 8 26.6	1.193	2.098	16.5	19.4
5 31	13 26.98	− 8 26.8	1.245	2.078	20.7	19.6
321097 2008 SP_{284}			4 21.2 222°.20		2°.0/23.0 17	
3 22	14 18.87	−19 37.5	2.191	3.041	11.6	21.5
4 1	14 12.89	−19 25.5	2.108	3.034	8.5	21.3
4 11	14 5.23	−19 0.6	2.050	3.027	5.1	21.1
4 21	13 56.59	−18 24.5	2.019	3.020	2.2	20.9
5 1	13 47.87	−17 40.9	2.017	3.012	3.7	21.0
5 11	13 39.96	−16 54.7	2.043	3.004	7.2	21.2
5 21	13 33.58	−16 11.0	2.095	2.995	10.6	21.4
5 31	13 29.23	−15 34.4	2.170	2.986	13.6	21.5
362007 2008 VQ_{18}			4 21.2 102°.11		2°.4/19.7 18	
3 22	14 24.39	− 7 25.3	1.439	2.325	14.3	21.1
4 1	14 16.96	− 6 59.1	1.392	2.342	9.9	20.9
4 11	14 7.34	− 6 28.8	1.369	2.358	5.2	20.7
4 21	13 56.63	− 5 59.5	1.371	2.373	2.5	20.5
5 1	13 46.17	− 5 37.0	1.401	2.389	6.3	20.8
5 11	13 37.18	− 5 25.7	1.456	2.404	10.7	21.1
5 21	13 30.50	− 5 28.4	1.534	2.418	14.7	21.4
5 31	13 26.58	− 5 45.9	1.631	2.432	17.9	21.6
369315 2009 SR_{102}			4 21.2 166°.21		2°.5/18.8 17	
3 22	14 18.38	− 6 55.8	2.054	2.936	10.8	21.5
4 1	14 12.42	− 6 1.7	1.992	2.940	7.5	21.3
4 11	14 4.92	− 5 3.7	1.955	2.943	4.0	21.1
4 21	13 56.59	− 4 6.8	1.947	2.946	2.6	21.0
5 1	13 48.32	− 3 16.5	1.968	2.949	5.5	21.2
5 11	13 40.96	− 2 37.6	2.015	2.951	9.0	21.4
5 21	13 35.13	− 2 12.9	2.087	2.952	12.2	21.6
5 31	13 31.29	− 2 3.7	2.179	2.953	14.8	21.8
185869 2000 JL_{8}			4 21.2 312°.03		4°.7/16.8 18	
3 22	14 14.86	− 5 31.9	1.493	2.393	13.0	19.8
4 1	14 10.49	− 3 39.0	1.426	2.382	9.1	19.6
4 11	14 4.11	− 1 38.6	1.385	2.371	5.5	19.3
4 21	13 56.58	+ 0 19.1	1.369	2.361	5.1	19.3
5 1	13 49.00	+ 2 3.0	1.380	2.351	8.6	19.4
5 11	13 42.47	+ 3 24.3	1.415	2.341	12.7	19.7
5 21	13 37.84	+ 4 18.2	1.471	2.331	16.6	19.9
5 31	13 35.63	+ 4 43.7	1.544	2.322	19.8	20.1
167588 2004 BX_{100}			4 21.2 95°.57		0°.4/21.6 17	
3 22	14 17.31	−14 58.0	2.081	2.950	11.3	20.3
4 1	14 11.72	−14 33.0	2.015	2.955	8.0	20.1
4 11	14 4.57	−13 58.3	1.975	2.961	4.2	19.9
4 21	13 56.59	−13 17.2	1.962	2.966	0.5	19.6
5 1	13 48.65	−12 33.8	1.977	2.972	3.8	19.9
5 11	13 41.60	−11 53.3	2.020	2.977	7.5	20.1
5 21	13 36.09	−11 19.9	2.088	2.983	10.9	20.4
5 31	13 32.55	−10 56.7	2.177	2.988	13.7	20.6
126759 2002 DT_{9}			4 21.2 179°.49		1°.7/19.9 18	
3 22	14 22.16	− 7 11.2	2.066	2.941	11.1	20.1
4 1	14 15.10	− 7 2.5	1.998	2.942	7.7	19.9
4 11	14 6.34	− 6 51.1	1.955	2.943	4.0	19.7
4 21	13 56.63	− 6 40.1	1.941	2.943	1.8	19.5
5 1	13 46.92	− 6 32.8	1.956	2.943	4.8	19.7
5 11	13 38.13	− 6 32.4	1.999	2.943	8.5	19.9
5 21	13 30.98	− 6 41.0	2.067	2.942	11.9	20.1
5 31	13 25.95	− 6 59.8	2.157	2.941	14.7	20.3
75706 2000 AJ_{117}			4 21.2 32°.16		3°.8/18.3 18	
3 22	14 17.38	− 6 13.8	1.366	2.266	14.0	18.7
4 1	14 12.24	− 5 4.7	1.315	2.271	9.7	18.4
4 11	14 4.97	− 3 51.0	1.288	2.277	5.4	18.2
4 21	13 56.60	− 2 41.0	1.285	2.283	4.0	18.1
5 1	13 48.35	− 1 43.0	1.308	2.290	7.6	18.3
5 11	13 41.40	− 1 3.6	1.355	2.297	11.9	18.6
5 21	13 36.56	− 0 45.8	1.423	2.304	15.8	18.8
5 31	13 34.31	− 0 50.0	1.508	2.312	19.1	19.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
92376 2000 HH_{58}			4 21.2 270°.20		0°.1/21.1 16	
	h m	° ′			°	m
3 22	14 20.77	−13 54.1	1.477	2.358	14.4	20.3
4 1	14 14.91	−13 22.8	1.393	2.340	10.2	20.0
4 11	14 6.57	−12 37.8	1.333	2.321	5.4	19.7
4 21	13 56.65	−11 43.2	1.297	2.302	0.1	19.2
5 1	13 46.45	−10 45.5	1.289	2.283	5.4	19.6
5 11	13 37.31	− 9 52.7	1.305	2.264	10.6	19.8
5 21	13 30.33	− 9 11.5	1.344	2.244	15.3	20.0
5 31	13 26.20	− 8 46.9	1.402	2.225	19.3	20.2
184576 2005 QD_{94}			4 21.2 229°.21		2°.5/18.9 18	
3 22	14 19.73	− 6 22.0	2.073	2.953	10.9	21.1
4 1	14 13.49	− 5 39.0	1.994	2.941	7.6	20.9
4 11	14 5.56	− 4 52.2	1.942	2.929	4.1	20.6
4 21	13 56.64	− 4 6.2	1.918	2.917	2.7	20.5
5 1	13 47.63	− 3 26.1	1.922	2.903	5.6	20.7
5 11	13 39.44	− 2 56.4	1.954	2.890	9.2	20.9
5 21	13 32.79	− 2 40.2	2.010	2.875	12.6	21.1
5 31	13 28.19	− 2 39.0	2.087	2.860	15.4	21.2
86501 2000 DR_{35}			4 21.2 274°.63		2°.8/23.5 18	
3 22	14 18.47	−21 5.2	2.017	2.866	12.4	19.6
4 1	14 12.74	−21 3.8	1.938	2.862	9.3	19.3
4 11	14 5.21	−20 48.1	1.883	2.857	5.8	19.1
4 21	13 56.63	−20 19.4	1.855	2.853	3.0	18.9
5 1	13 47.97	−19 40.9	1.855	2.848	4.2	19.0
5 11	13 40.19	−18 57.9	1.881	2.844	7.6	19.2
5 21	13 34.07	−18 15.8	1.933	2.839	11.0	19.4
5 31	13 30.13	−17 40.0	2.007	2.835	14.1	19.6
59581 1999 JD_{54}			4 21.2 332°.99		3°.1/23.9 18	
3 22	14 15.04	−23 29.2	1.502	2.362	15.3	18.1
4 1	14 10.77	−22 39.2	1.424	2.353	11.5	17.8
4 11	14 4.33	−21 24.2	1.369	2.345	7.2	17.6
4 21	13 56.62	−19 48.0	1.338	2.337	3.4	17.3
5 1	13 48.86	−17 58.2	1.333	2.330	4.8	17.4
5 11	13 42.24	−16 5.8	1.354	2.323	9.2	17.6
5 21	13 37.66	−14 21.5	1.399	2.317	13.6	17.8
5 31	13 35.70	−12 53.4	1.464	2.312	17.4	18.1
128044 2003 LA_{3}			4 21.2 138°.32		1°.6/20.0 17	
3 22	14 20.61	− 8 34.1	1.854	2.734	11.9	20.3
4 1	14 14.15	− 8 14.6	1.791	2.738	8.3	20.1
4 11	14 5.89	− 7 50.6	1.753	2.742	4.2	19.9
4 21	13 56.66	− 7 25.8	1.742	2.745	1.6	19.7
5 1	13 47.46	− 7 4.6	1.760	2.749	5.0	19.9
5 11	13 39.28	− 6 51.0	1.805	2.752	9.0	20.2
5 21	13 32.87	− 6 47.8	1.873	2.755	12.5	20.4
5 31	13 28.70	− 6 56.8	1.962	2.758	15.5	20.6
53325 1999 JN_{21}			4 21.2 285°.59		1°.3/22.5 18	
3 22	14 15.53	−18 38.4	2.140	3.000	11.4	18.6
4 1	14 10.59	−18 1.5	2.054	2.988	8.3	18.4
4 11	14 4.07	−17 10.9	1.994	2.976	4.7	18.2
4 21	13 56.62	−16 9.6	1.961	2.964	1.5	17.9
5 1	13 49.10	−15 2.3	1.956	2.952	3.6	18.1
5 11	13 42.35	−13 55.1	1.979	2.940	7.4	18.3
5 21	13 37.06	−12 53.7	2.027	2.928	10.9	18.4
5 31	13 33.71	−12 2.9	2.097	2.916	13.9	18.6
494988 2010 CC_{2}			4 21.2 40°.95		5°.3/25.2 15	
3 22	14 20.43	−25 46.6	1.465	2.311	16.5	20.7
4 1	14 14.36	−26 3.5	1.421	2.336	12.7	20.6
4 11	14 6.07	−25 57.6	1.398	2.361	8.7	20.4
4 21	13 56.67	−25 30.0	1.399	2.387	5.7	20.3
5 1	13 47.51	−24 45.3	1.425	2.413	6.0	20.4
5 11	13 39.84	−23 51.2	1.476	2.440	9.1	20.6
5 21	13 34.49	−22 56.1	1.550	2.468	12.5	20.9
5 31	13 31.89	−22 7.1	1.645	2.495	15.7	21.1
46485 2279 $T\text{-}_{2}$			4 21.2 172°.13		0°.6/20.5 18	R
3 22	14 17.20	−11 51.6	2.352	3.223	10.1	19.6
4 1	14 11.52	−11 15.3	2.283	3.226	7.0	19.5
4 11	14 4.45	−10 32.2	2.239	3.228	3.5	19.2
4 21	13 56.65	− 9 45.7	2.225	3.229	0.7	19.0
5 1	13 48.86	− 9 0.1	2.239	3.230	3.9	19.3
5 11	13 41.85	− 8 19.8	2.282	3.231	7.3	19.5
5 21	13 36.19	− 7 48.2	2.350	3.232	10.4	19.7
5 31	13 32.29	− 7 27.7	2.441	3.232	13.0	19.8
426511 2013 RR_{41}			4 21.2 181°.87		0°.7/20.5 17	
3 22	14 17.62	−13 1.7	2.080	2.953	11.1	21.2
4 1	14 11.95	−12 3.5	2.010	2.953	7.7	21.0
4 11	14 4.72	−10 55.6	1.965	2.954	3.9	20.8
4 21	13 56.66	− 9 42.8	1.949	2.954	0.7	20.5
5 1	13 48.62	− 8 30.9	1.962	2.953	4.3	20.8
5 11	13 41.46	− 7 26.1	2.003	2.952	8.1	21.0
5 21	13 35.83	− 6 33.0	2.069	2.951	11.5	21.2
5 31	13 32.17	− 5 54.7	2.156	2.949	14.4	21.4

54121 2000 HP_{24} 4 21.2 148°.90 0°.2/21.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 20.87	−13 47.5	1.806	2.677	12.6	19.2
4 1	14 14.42	−13 31.8	1.740	2.682	8.9	18.9
4 11	14 6.07	−13 6.5	1.699	2.685	4.7	18.7
4 21	13 56.68	−12 34.6	1.684	2.689	0.3	18.4
5 1	13 47.31	−12 0.8	1.698	2.693	4.3	18.7
5 11	13 39.00	−11 30.2	1.739	2.696	8.6	18.9
5 21	13 32.53	−11 7.2	1.804	2.699	12.3	19.2
5 31	13 28.40	−10 55.2	1.890	2.701	15.5	19.4

177375 2004 BH_{51} 4 21.2 94°.55 1°.4/22.3 18

3 22	14 21.04	−17 46.2	1.635	2.501	14.0	20.3
4 1	14 14.56	−17 20.4	1.581	2.518	10.0	20.0
4 11	14 6.12	−16 40.1	1.551	2.534	5.6	19.8
4 21	13 56.69	−15 48.9	1.547	2.550	1.6	19.6
5 1	13 47.43	−14 52.5	1.570	2.566	4.3	19.8
5 11	13 39.45	−13 58.2	1.620	2.582	8.7	20.1
5 21	13 33.51	−13 11.8	1.694	2.597	12.5	20.4
5 31	13 30.07	−12 37.7	1.789	2.612	15.7	20.6

437167 2012 VW_{49} 4 21.2 197°.18 2°.3/19.3 17

3 22	14 19.47	− 5 23.4	2.251	3.129	10.2	21.6
4 1	14 13.15	− 5 5.4	2.182	3.128	7.1	21.4
4 11	14 5.33	− 4 46.2	2.139	3.126	3.9	21.2
4 21	13 56.68	− 4 28.9	2.125	3.124	2.4	21.1
5 1	13 48.03	− 4 17.1	2.140	3.122	5.0	21.2
5 11	13 40.18	− 4 13.6	2.183	3.120	8.3	21.4
5 21	13 33.77	− 4 20.3	2.250	3.118	11.3	21.6
5 31	13 29.24	− 4 38.1	2.339	3.115	13.9	21.8

284047 2005 AC_{77} 4 21.2 274°.28 4°.2/28.7 18

3 22	14 13.06	−35 53.8	4.554	5.295	7.8	20.2
4 1	14 8.35	−36 9.3	4.459	5.288	6.6	20.1
4 11	14 2.74	−36 13.5	4.388	5.282	5.4	20.0
4 21	13 56.63	−36 6.1	4.343	5.276	4.5	19.9
5 1	13 50.46	−35 47.9	4.326	5.269	4.3	19.9
5 11	13 44.68	−35 20.8	4.337	5.263	4.8	19.9
5 21	13 39.68	−34 47.2	4.375	5.256	5.9	20.0
5 31	13 35.78	−34 10.0	4.437	5.250	7.2	20.1

34949 4111 $T\text{-}_{1}$ 4 21.2 335°.96 0°.7/20.7 18

3 22	14 16.98	−11 8.7	1.959	2.839	11.4	18.9
4 1	14 11.65	−10 50.6	1.887	2.833	7.9	18.7
4 11	14 4.64	−10 25.8	1.840	2.829	4.1	18.5
4 21	13 56.68	− 9 57.7	1.819	2.824	0.7	18.2
5 1	13 48.66	− 9 30.3	1.827	2.819	4.4	18.4
5 11	13 41.50	− 9 8.1	1.861	2.815	8.3	18.7
5 21	13 35.91	− 8 54.6	1.920	2.812	11.8	18.9
5 31	13 32.39	− 8 52.2	1.999	2.808	14.8	19.1

207677 2007 PE_{37} 4 21.2 289°.51 5°.4/24.7 17

3 22	14 20.96	−25 1.0	1.387	2.238	16.9	20.6
4 1	14 15.33	−25 15.3	1.306	2.225	13.2	20.3
4 11	14 6.92	−25 6.2	1.245	2.213	9.1	20.0
4 21	13 56.72	−24 33.0	1.209	2.200	5.8	19.8
5 1	13 46.20	−23 38.8	1.196	2.187	6.4	19.8
5 11	13 36.92	−22 31.9	1.208	2.175	10.4	20.0
5 21	13 30.09	−21 22.3	1.243	2.163	14.8	20.2
5 31	13 26.49	−20 19.7	1.296	2.151	18.8	20.4

10862 1995 QE_{2} 4 21.2 210°.05 1°.8/23.7 18

3 22	14 15.92	−22 23.7	2.874	3.706	9.6	19.3
4 1	14 10.52	−21 34.5	2.784	3.700	7.1	19.1
4 11	14 3.91	−20 32.1	2.720	3.692	4.4	18.9
4 21	13 56.66	−19 18.8	2.686	3.685	2.0	18.7
5 1	13 49.41	−17 58.5	2.682	3.677	3.0	18.8
5 11	13 42.80	−16 36.5	2.709	3.668	5.8	18.9
5 21	13 37.35	−15 17.6	2.763	3.659	8.5	19.1
5 31	13 33.43	−14 6.4	2.843	3.649	10.9	19.3

285615 2000 QB_{233} 4 21.2 137°.89 2°.5/23.3 17

3 22	14 19.99	−20 41.6	1.952	2.802	12.8	21.1
4 1	14 13.75	−20 30.7	1.884	2.809	9.4	20.9
4 11	14 5.71	−20 5.0	1.839	2.815	5.8	20.7
4 21	13 56.70	−19 26.4	1.822	2.821	2.7	20.5
5 1	13 47.71	−18 39.0	1.832	2.827	4.1	20.6
5 11	13 39.73	−17 48.7	1.870	2.832	7.7	20.9
5 21	13 33.51	−17 1.1	1.933	2.837	11.2	21.1
5 31	13 29.52	−16 21.5	2.018	2.842	14.2	21.3

299743 2006 RY_{80} 4 21.2 298°.75 4°.8/15.5 18

3 22	14 14.15	− 1 23.3	2.091	2.982	10.2	20.6
4 1	14 9.52	+ 0 22.9	2.031	2.979	7.3	20.4
4 11	14 3.46	+ 2 9.7	1.998	2.976	5.1	20.3
4 21	13 56.66	+ 3 49.6	1.993	2.973	5.2	20.3
5 1	13 49.87	+ 5 15.5	2.017	2.971	7.6	20.4
5 11	13 43.88	+ 6 22.0	2.067	2.968	10.6	20.6
5 21	13 39.28	+ 7 6.5	2.139	2.965	13.3	20.8
5 31	13 36.47	+ 7 28.9	2.230	2.962	15.7	21.0

84737 2002 WZ_{12} 4 21.2 161°.67 10°.5/17.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 35.32	+11 27.3	1.255	2.124	17.2	19.0
4 1	14 24.95	+11 48.4	1.206	2.129	13.7	18.8
4 11	14 11.64	+11 48.7	1.179	2.134	11.0	18.7
4 21	13 56.82	+11 20.5	1.177	2.137	10.7	18.7
5 1	13 42.30	+10 20.4	1.200	2.140	12.9	18.8
5 11	13 29.77	+ 8 51.2	1.247	2.143	16.4	19.0
5 21	13 20.29	+ 6 59.2	1.315	2.145	19.9	19.2
5 31	13 14.37	+ 4 51.6	1.400	2.146	22.9	19.5

273857 2007 GL_{53} 4 21.2 63°.56 0°.1/21.3 17

3 22	14 17.96	−14 26.6	1.721	2.597	12.9	20.9
4 1	14 12.44	−13 50.5	1.657	2.602	9.0	20.7
4 11	14 5.06	−13 3.0	1.618	2.606	4.7	20.4
4 21	13 56.69	−12 8.4	1.606	2.610	0.1	20.1
5 1	13 48.37	−11 12.5	1.620	2.615	4.5	20.4
5 11	13 41.11	−10 21.9	1.661	2.620	8.8	20.7
5 21	13 35.67	− 9 41.7	1.726	2.624	12.6	20.9
5 31	13 32.53	− 9 15.4	1.811	2.629	15.8	21.2

172332 2002 VW_{19} 4 21.2 151°.55 0°.5/20.7 18

3 22	14 17.49	−11 40.1	2.581	3.448	9.4	21.5
4 1	14 11.61	−11 12.3	2.514	3.456	6.5	21.3
4 11	14 4.47	−10 38.8	2.475	3.463	3.3	21.1
4 21	13 56.69	−10 2.4	2.465	3.470	0.5	20.9
5 1	13 48.94	− 9 26.7	2.485	3.476	3.5	21.1
5 11	13 41.92	− 8 55.3	2.533	3.482	6.7	21.3
5 21	13 36.16	− 8 31.1	2.608	3.487	9.5	21.5
5 31	13 32.04	− 8 16.3	2.705	3.492	11.9	21.7

291040 2005 YF_{42} 4 21.2 8°.04 5°.9/17.4 18

3 22	14 20.55	− 1 11.9	1.281	2.181	14.7	21.0
4 1	14 14.64	− 0 9.2	1.228	2.181	10.5	20.7
4 11	14 6.33	+ 0 51.8	1.198	2.181	6.8	20.5
4 21	13 56.72	+ 1 42.6	1.192	2.181	6.2	20.5
5 1	13 47.18	+ 2 15.1	1.210	2.182	9.4	20.6
5 11	13 39.04	+ 2 24.3	1.252	2.183	13.6	20.9
5 21	13 33.23	+ 2 9.4	1.314	2.184	17.6	21.1
5 31	13 30.30	+ 1 32.0	1.392	2.185	20.9	21.3

214222 2005 EU_{109} 4 21.2 49°.87 0°.4/21.5 17

3 22	14 20.40	−14 37.9	1.286	2.172	15.7	20.7
4 1	14 14.51	−14 16.2	1.236	2.183	11.0	20.4
4 11	14 6.24	−13 41.1	1.207	2.196	5.8	20.2
4 21	13 56.72	−12 57.0	1.203	2.208	0.5	19.8
5 1	13 47.37	−12 10.8	1.225	2.221	5.2	20.2
5 11	13 39.52	−11 30.0	1.271	2.235	10.3	20.5
5 21	13 34.07	−11 0.6	1.339	2.248	14.7	20.8
5 31	13 31.50	−10 46.3	1.425	2.262	18.3	21.1

166195 2002 EM_{95} 4 21.2 335°.63 1°.0/20.6 17

3 22	14 19.17	−11 1.8	1.192	2.090	15.8	19.4
4 1	14 14.04	−10 45.8	1.126	2.080	11.1	19.1
4 11	14 6.20	−10 20.0	1.081	2.072	5.7	18.8
4 21	13 56.73	− 9 48.9	1.059	2.064	1.0	18.5
5 1	13 47.08	− 9 19.2	1.062	2.057	6.2	18.8
5 11	13 38.78	− 8 57.9	1.088	2.050	11.7	19.1
5 21	13 32.98	− 8 50.2	1.134	2.045	16.6	19.3
5 31	13 30.33	− 8 59.2	1.197	2.040	20.8	19.6

68037 2000 YU_{35} 4 21.2 241°.98 1°.9/22.7 17

3 22	14 19.53	−19 23.3	1.585	2.450	14.4	19.3
4 1	14 13.83	−18 51.6	1.510	2.445	10.5	19.0
4 11	14 5.92	−18 1.8	1.457	2.439	6.1	18.7
4 21	13 56.73	−16 57.0	1.430	2.433	2.1	18.5
5 1	13 47.45	−15 43.6	1.430	2.426	4.6	18.6
5 11	13 39.30	−14 29.8	1.456	2.420	9.2	18.8
5 21	13 33.21	−13 23.7	1.506	2.413	13.5	19.1
5 31	13 29.75	−12 31.4	1.575	2.407	17.2	19.3

92977 2000 RW_{67} 4 21.2 213°.39 1°.6/19.5 18

3 22	14 17.14	−10 29.4	2.220	3.095	10.4	19.8
4 1	14 11.60	− 9 20.0	2.143	3.089	7.2	19.6
4 11	14 4.57	− 8 2.7	2.093	3.082	3.7	19.4
4 21	13 56.72	− 6 42.5	2.072	3.074	1.7	19.2
5 1	13 48.84	− 5 25.5	2.080	3.066	4.8	19.4
5 11	13 41.75	− 4 17.5	2.117	3.057	8.3	19.6
5 21	13 36.06	− 3 23.0	2.178	3.048	11.6	19.8
5 31	13 32.22	− 2 44.5	2.262	3.038	14.3	20.0

173724 2001 QQ_{200} 4 21.2 209°.82 5°.1/26.9 18

3 22	14 19.48	−31 56.2	2.905	3.683	10.9	21.3
4 1	14 13.18	−32 9.1	2.812	3.677	8.9	21.2
4 11	14 5.39	−32 5.9	2.743	3.669	6.9	21.0
4 21	13 56.74	−31 46.2	2.700	3.661	5.4	20.9
5 1	13 47.97	−31 11.3	2.686	3.653	5.2	20.9
5 11	13 39.87	−30 24.7	2.701	3.644	6.6	21.0
5 21	13 33.07	−29 31.1	2.742	3.635	8.7	21.1
5 31	13 28.06	−28 35.7	2.807	3.625	10.8	21.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
344388 2001 XF_{258}			4 21.2 133°.06	6°.2/14.5 18		
	h m	° ′			°	m
3 22	14 18.25	+ 9 49.5	2.643	3.509	9.3	21.2
4 1	14 12.03	+10 34.4	2.600	3.520	7.4	21.0
4 11	14 4.65	+11 10.2	2.584	3.531	6.3	21.0
4 21	13 56.72	+11 32.9	2.596	3.541	6.5	21.0
5 1	13 48.92	+11 39.6	2.635	3.551	7.9	21.1
5 11	13 41.89	+11 29.1	2.700	3.560	9.8	21.3
5 21	13 36.12	+11 2.2	2.788	3.570	11.7	21.4
5 31	13 31.94	+10 20.4	2.896	3.578	13.4	21.6
221227 2005 UA_{148}			4 21.2 6°.46	1°.0/21.9 17		
3 22	14 19.60	−15 11.7	1.503	2.382	14.3	20.0
4 1	14 13.89	−15 8.6	1.438	2.382	10.2	19.7
4 11	14 5.96	−14 53.5	1.396	2.382	5.6	19.5
4 21	13 56.75	−14 29.1	1.379	2.383	1.1	19.1
5 1	13 47.50	−14 0.0	1.388	2.385	4.7	19.4
5 11	13 39.45	−13 32.3	1.423	2.387	9.4	19.7
5 21	13 33.51	−13 11.4	1.480	2.389	13.6	19.9
5 31	13 30.24	−13 1.3	1.557	2.392	17.2	20.2
134539 1999 RV_{89}			4 21.2 256°.07	1°.1/21.9 17		
3 22	14 22.26	−15 30.3	1.632	2.502	13.8	20.1
4 1	14 15.79	−15 28.5	1.552	2.491	9.9	19.9
4 11	14 7.00	−15 14.9	1.494	2.479	5.5	19.6
4 21	13 56.78	−14 51.6	1.463	2.467	1.2	19.3
5 1	13 46.33	−14 22.4	1.459	2.455	4.7	19.5
5 11	13 36.92	−13 53.2	1.482	2.443	9.4	19.7
5 21	13 29.55	−13 29.6	1.528	2.430	13.7	19.9
5 31	13 24.87	−13 16.2	1.594	2.417	17.4	20.1
175737 1998 HO_{15}			4 21.2 273°.83	5°.0/15.3 18		
3 22	14 14.18	+ 1 16.1	2.284	3.172	9.6	19.6
4 1	14 9.49	+ 2 41.1	2.221	3.165	7.1	19.5
4 11	14 3.46	+ 4 4.3	2.184	3.157	5.2	19.3
4 21	13 56.70	+ 5 19.6	2.176	3.150	5.4	19.3
5 1	13 49.94	+ 6 21.1	2.195	3.142	7.5	19.4
5 11	13 43.89	+ 7 4.9	2.240	3.134	10.1	19.6
5 21	13 39.11	+ 7 29.1	2.307	3.127	12.7	19.7
5 31	13 36.02	+ 7 33.8	2.394	3.119	14.9	19.9
163116 2002 AE_{197}			4 21.2 334°.55	1°.3/22.1 17		
3 22	14 20.30	−16 34.8	1.337	2.217	15.6	20.3
4 1	14 14.62	−16 18.4	1.271	2.214	11.2	20.0
4 11	14 6.43	−15 46.0	1.226	2.212	6.2	19.7
4 21	13 56.78	−15 1.0	1.206	2.210	1.4	19.4
5 1	13 47.04	−14 9.6	1.211	2.208	5.1	19.7
5 11	13 38.64	−13 20.1	1.241	2.206	10.3	19.9
5 21	13 32.60	−12 39.6	1.293	2.205	14.9	20.2
5 31	13 29.53	−12 13.5	1.364	2.204	18.8	20.5
177253 2003 WL_{18}			4 21.2 156°.91	3°.5/23.8 17		
3 22	14 22.81	−22 13.3	1.753	2.599	14.2	20.7
4 1	14 15.97	−22 19.8	1.683	2.603	10.7	20.5
4 11	14 6.99	−22 9.3	1.636	2.607	6.8	20.3
4 21	13 56.79	−21 42.6	1.615	2.611	3.8	20.1
5 1	13 46.55	−21 3.2	1.622	2.614	4.8	20.1
5 11	13 37.47	−20 17.3	1.655	2.617	8.5	20.4
5 21	13 30.42	−19 31.6	1.714	2.620	12.2	20.6
5 31	13 25.97	−18 52.3	1.793	2.622	15.5	20.8
454753 2014 VQ_{12}			4 21.2 205°.33	0°.3/21.8 18		
3 22	14 9.62	−15 7.1	4.518	5.374	5.9	21.2
4 1	14 5.86	−14 42.2	4.439	5.373	4.2	21.1
4 11	14 1.44	−14 12.6	4.388	5.372	2.2	20.9
4 21	13 56.68	−13 40.0	4.367	5.371	0.3	20.7
5 1	13 51.92	−13 6.1	4.376	5.370	1.9	20.9
5 11	13 47.50	−12 33.2	4.415	5.369	3.9	21.0
5 21	13 43.72	−12 3.2	4.481	5.368	5.7	21.2
5 31	13 40.81	−11 37.8	4.573	5.367	7.3	21.3
177338 2003 YN_{106}			4 21.2 97°.84	4°.4/17.8 18		
3 22	14 19.87	− 3 19.0	1.587	2.479	12.9	20.3
4 1	14 13.74	− 2 15.6	1.540	2.490	9.0	20.1
4 11	14 5.72	− 1 11.9	1.517	2.502	5.4	19.9
4 21	13 56.77	− 0 15.0	1.520	2.513	4.6	19.9
5 1	13 47.98	+ 0 28.5	1.550	2.524	7.5	20.1
5 11	13 40.42	+ 0 54.0	1.606	2.535	11.3	20.3
5 21	13 34.81	+ 0 59.8	1.683	2.545	14.7	20.6
5 31	13 31.59	+ 0 46.2	1.779	2.556	17.6	20.8
259277 2003 DX_{17}			4 21.2 53°.47	1°.5/20.1 17		
3 22	14 20.24	− 9 16.4	1.575	2.462	13.3	20.1
4 1	14 14.14	− 8 53.6	1.517	2.467	9.2	19.9
4 11	14 6.01	− 8 24.8	1.483	2.473	4.7	19.6
4 21	13 56.78	− 7 54.5	1.475	2.478	1.6	19.4
5 1	13 47.61	− 7 28.0	1.493	2.484	5.5	19.7
5 11	13 39.63	− 7 10.1	1.538	2.490	9.9	20.0
5 21	13 33.65	− 7 4.4	1.605	2.496	13.8	20.2
5 31	13 30.18	− 7 12.5	1.692	2.502	17.0	20.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
350078 2011 JX_{9}			4 21.2 283°.45	1°.2/23.5 16		
	h m	° ′			°	m
3 22	14 9.78	−20 43.3	4.349	5.185	6.5	20.6
4 1	14 6.01	−20 11.6	4.261	5.179	4.8	20.4
4 11	14 1.53	−19 32.4	4.200	5.173	2.9	20.3
4 21	13 56.68	−18 47.4	4.169	5.168	1.3	20.2
5 1	13 51.83	−17 58.6	4.168	5.162	2.0	20.2
5 11	13 47.35	−17 8.7	4.196	5.156	3.9	20.3
5 21	13 43.55	−16 20.2	4.253	5.150	5.7	20.5
5 31	13 40.68	−15 35.5	4.336	5.144	7.4	20.6
523805 2001 QA_{143}			4 21.2 154°.40	2°.9/24.2 18 C		
3 22	14 24.36	−23 55.2	2.464	3.283	11.5	25.1
4 1	14 16.47	−23 38.6	2.392	3.298	8.6	25.0
4 11	14 7.04	−23 6.9	2.347	3.311	5.6	24.8
4 21	13 56.80	−22 21.6	2.330	3.323	3.2	24.7
5 1	13 46.66	−21 26.2	2.344	3.334	3.8	24.7
5 11	13 37.48	−20 26.0	2.388	3.343	6.6	24.9
5 21	13 29.89	−19 26.4	2.459	3.351	9.6	25.1
5 31	13 24.33	−18 32.5	2.555	3.358	12.1	25.3
520912 2014 WG_{530}			4 21.2 40°.58	5°.5/25.1 17		
3 22	14 20.91	−25 56.9	1.522	2.364	16.1	21.0
4 1	14 14.94	−26 15.9	1.457	2.369	12.6	20.7
4 11	14 6.56	−26 12.9	1.413	2.375	8.8	20.5
4 21	13 56.79	−25 47.5	1.392	2.380	5.8	20.4
5 1	13 46.99	−25 3.3	1.398	2.386	6.2	20.4
5 11	13 38.50	−24 7.5	1.428	2.392	9.4	20.6
5 21	13 32.30	−23 8.7	1.482	2.398	13.1	20.8
5 31	13 28.97	−22 15.0	1.556	2.404	16.5	21.0
372451 2009 SK_{114}			4 21.2 197°.10	2°.7/23.4 17		
3 22	14 20.72	−20 54.1	2.012	2.858	12.6	21.8
4 1	14 14.34	−20 49.6	1.933	2.856	9.4	21.6
4 11	14 6.10	−20 30.5	1.879	2.854	5.8	21.4
4 21	13 56.79	−19 58.2	1.853	2.851	2.9	21.2
5 1	13 47.41	−19 16.3	1.854	2.848	4.1	21.3
5 11	13 38.96	−18 30.1	1.883	2.844	7.7	21.5
5 21	13 32.22	−17 45.4	1.938	2.840	11.2	21.7
5 31	13 27.74	−17 7.4	2.014	2.836	14.3	21.9
182889 2002 CH_{301}			4 21.2 81°.85	1°.8/22.9 18		
3 22	14 16.94	−19 8.0	2.335	3.187	10.9	20.4
4 1	14 11.40	−18 54.9	2.269	3.197	7.9	20.3
4 11	14 4.45	−18 30.6	2.229	3.208	4.7	20.1
4 21	13 56.76	−17 57.0	2.217	3.218	1.9	19.9
5 1	13 49.12	−17 17.7	2.233	3.228	3.4	20.0
5 11	13 42.30	−16 37.1	2.278	3.239	6.6	20.2
5 21	13 36.89	−15 59.6	2.348	3.249	9.6	20.4
5 31	13 33.28	−15 28.8	2.441	3.259	12.2	20.6
381940 2010 CN_{184}			4 21.2 168°.24	2°.3/18.9 17		
3 22	14 17.38	− 7 12.0	2.118	3.000	10.6	21.2
4 1	14 11.77	− 6 20.5	2.054	3.002	7.3	21.0
4 11	14 4.66	− 5 24.9	2.016	3.004	3.9	20.8
4 21	13 56.77	− 4 30.2	2.006	3.006	2.5	20.7
5 1	13 48.91	− 3 41.5	2.025	3.007	5.2	20.9
5 11	13 41.90	− 3 3.4	2.071	3.008	8.7	21.1
5 21	13 36.35	− 2 38.7	2.141	3.009	11.8	21.3
5 31	13 32.71	− 2 29.0	2.232	3.010	14.4	21.5
470708 2008 TM_{157}			4 21.2 173°.00	2°.2/19.2 17		
3 22	14 17.97	− 7 15.2	2.148	3.028	10.5	21.5
4 1	14 12.16	− 6 31.3	2.082	3.030	7.2	21.3
4 11	14 4.87	− 5 43.7	2.043	3.031	3.9	21.1
4 21	13 56.77	− 4 56.7	2.032	3.033	2.3	21.0
5 1	13 48.71	− 4 15.1	2.050	3.033	5.1	21.2
5 11	13 41.48	− 3 43.2	2.096	3.034	8.5	21.4
5 21	13 35.72	− 3 23.9	2.165	3.034	11.6	21.6
5 31	13 31.86	− 3 18.4	2.256	3.034	14.3	21.8
78324 2002 PP_{81}			4 21.2 241°.13	1°.2/20.2 18		
3 22	14 19.94	−11 5.7	1.865	2.741	12.0	19.9
4 1	14 13.89	−10 21.8	1.782	2.728	8.4	19.6
4 11	14 5.92	− 9 28.9	1.725	2.714	4.3	19.3
4 21	13 56.80	− 8 31.5	1.695	2.699	1.2	19.1
5 1	13 47.54	− 7 35.4	1.693	2.683	5.0	19.3
5 11	13 39.17	− 6 46.8	1.719	2.667	9.3	19.5
5 21	13 32.51	− 6 10.5	1.769	2.651	13.1	19.7
5 31	13 28.13	− 5 49.6	1.839	2.634	16.4	19.9
71952 2000 WW_{100}			4 21.2 218°.28	2°.8/19.0 18		
3 22	14 21.26	− 6 22.0	1.761	2.645	12.3	19.2
4 1	14 14.81	− 5 38.2	1.690	2.638	8.5	18.9
4 11	14 6.38	− 4 50.4	1.643	2.631	4.7	18.7
4 21	13 56.82	− 4 3.7	1.624	2.623	3.0	18.6
5 1	13 47.19	− 3 24.1	1.633	2.615	6.2	18.7
5 11	13 38.57	− 2 56.8	1.668	2.606	10.3	18.9
5 21	13 31.78	− 2 44.9	1.726	2.597	14.0	19.2
5 31	13 27.36	− 2 49.8	1.804	2.587	17.1	19.4

175652 3257 $T\text{-}_2$ 4 21.2 163°.98 0°.3/21.0 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 21.73	−12 57.1	1.968	2.836	11.9	21.8
4 1	14 14.91	−12 29.0	1.901	2.842	8.3	21.5
4 11	14 6.34	−11 52.2	1.860	2.847	4.3	21.3
4 21	13 56.83	−11 10.1	1.847	2.851	0.3	21.0
5 1	13 47.36	−10 27.5	1.862	2.855	4.3	21.3
5 11	13 38.89	− 9 49.7	1.906	2.859	8.3	21.6
5 21	13 32.14	− 9 20.6	1.975	2.861	11.8	21.8
5 31	13 27.60	− 9 3.4	2.065	2.863	14.8	22.0

432542 2010 HV_{60} 4 21.2 127°.86 3°.8/17.3 17

3 22	14 18.30	− 1 34.9	2.273	3.155	9.9	21.6
4 1	14 12.23	− 0 37.0	2.225	3.170	7.0	21.5
4 11	14 4.83	+ 0 19.7	2.203	3.184	4.5	21.3
4 21	13 56.80	+ 1 10.1	2.210	3.197	4.1	21.3
5 1	13 48.90	+ 1 49.7	2.246	3.211	6.2	21.5
5 11	13 41.86	+ 2 15.2	2.309	3.223	9.0	21.7
5 21	13 36.24	+ 2 25.4	2.396	3.235	11.6	21.9
5 31	13 32.39	+ 2 20.3	2.503	3.247	13.9	22.0

260696 2005 JT_{111} 4 21.2 290°.47 3°.8/18.8 18

3 22	14 20.85	− 4 15.0	1.507	2.399	13.4	20.2
4 1	14 14.85	− 3 42.0	1.433	2.384	9.5	19.9
4 11	14 6.55	− 3 7.2	1.382	2.369	5.5	19.6
4 21	13 56.85	− 2 36.4	1.357	2.354	3.9	19.5
5 1	13 46.95	− 2 15.7	1.358	2.340	7.3	19.6
5 11	13 38.13	− 2 10.0	1.384	2.325	11.7	19.9
5 21	13 31.36	− 2 21.9	1.432	2.311	15.9	20.1
5 31	13 27.29	− 2 51.7	1.498	2.296	19.4	20.3

294138 2007 TA_{294} 4 21.2 258°.30 0°.4/21.6 17

3 22	14 20.09	−16 3.1	1.683	2.553	13.4	21.4
4 1	14 14.26	−15 18.6	1.594	2.534	9.6	21.2
4 11	14 6.24	−14 18.4	1.529	2.515	5.2	20.9
4 21	13 56.84	−13 6.5	1.490	2.495	0.5	20.5
5 1	13 47.21	−11 49.4	1.479	2.474	4.7	20.7
5 11	13 38.52	−10 35.3	1.495	2.453	9.6	21.0
5 21	13 31.75	− 9 31.7	1.535	2.432	14.0	21.2
5 31	13 27.53	− 8 43.9	1.595	2.410	17.7	21.3

200151 1998 QV_{59} 4 21.2 213°.50 2°.0/22.9 17

3 22	14 19.32	−18 47.4	2.006	2.862	12.2	21.1
4 1	14 13.35	−18 44.5	1.931	2.860	8.9	20.9
4 11	14 5.60	−18 29.0	1.880	2.859	5.3	20.7
4 21	13 56.83	−18 2.7	1.857	2.858	2.2	20.5
5 1	13 48.00	−17 28.9	1.861	2.856	3.9	20.6
5 11	13 40.08	−16 52.8	1.893	2.855	7.6	20.8
5 21	13 33.81	−16 19.2	1.950	2.853	11.1	21.0
5 31	13 29.72	−15 52.7	2.029	2.852	14.2	21.2

35916 1999 JS_{98} 4 21.2 41°.68 9°.7/14.4 18

3 22	14 21.08	+11 46.5	1.555	2.434	13.9	18.5
4 1	14 14.62	+12 44.5	1.517	2.441	11.4	18.3
4 11	14 6.21	+13 26.0	1.501	2.448	9.9	18.3
4 21	13 56.84	+13 43.8	1.510	2.455	10.2	18.3
5 1	13 47.70	+13 33.7	1.543	2.463	12.1	18.4
5 11	13 39.86	+12 55.4	1.598	2.471	14.7	18.6
5 21	13 34.08	+11 52.0	1.673	2.479	17.3	18.8
5 31	13 30.77	+10 28.3	1.764	2.488	19.5	19.0

294670 2008 AX_{96} 4 21.2 221°.88 4°.1/16.9 17

3 22	14 16.60	+ 0 20.9	2.389	3.272	9.5	20.8
4 1	14 11.12	+ 1 6.9	2.325	3.269	6.8	20.6
4 11	14 4.32	+ 1 50.7	2.287	3.265	4.6	20.5
4 21	13 56.81	+ 2 27.8	2.278	3.261	4.4	20.4
5 1	13 49.30	+ 2 54.1	2.296	3.257	6.4	20.6
5 11	13 42.52	+ 3 6.7	2.342	3.253	9.1	20.7
5 21	13 37.02	+ 3 4.5	2.411	3.248	11.7	20.9
5 31	13 33.20	+ 2 47.5	2.500	3.244	13.9	21.0

353272 2010 EP_{142} 4 21.2 342°.09 3°.2/18.9 14 C

3 22	14 15.96	− 9 16.2	1.084	1.992	16.0	20.6
4 1	14 11.87	− 8 0.3	1.025	1.985	11.1	20.3
4 11	14 5.12	− 6 32.1	0.986	1.978	5.9	20.0
4 21	13 56.83	− 5 1.5	0.971	1.972	3.5	19.8
5 1	13 48.47	− 3 40.4	0.979	1.967	8.1	20.1
5 11	13 41.55	− 2 39.3	1.009	1.963	13.5	20.4
5 21	13 37.12	− 2 4.1	1.058	1.960	18.3	20.6
5 31	13 35.79	− 1 56.5	1.123	1.957	22.4	20.9

508301 2015 KA_{40} 4 21.2 295°.12 2°.9/18.8 17

3 22	14 18.29	− 4 0.4	2.113	2.997	10.5	21.1
4 1	14 12.50	− 3 37.6	2.041	2.988	7.4	20.9
4 11	14 5.12	− 3 14.2	1.994	2.980	4.2	20.6
4 21	13 56.83	− 2 54.2	1.975	2.972	3.0	20.5
5 1	13 48.49	− 2 41.4	1.984	2.964	5.6	20.7
5 11	13 40.95	− 2 39.0	2.020	2.956	8.9	20.9
5 21	13 34.88	− 2 48.7	2.080	2.948	12.1	21.1
5 31	13 30.75	− 3 11.2	2.161	2.940	14.8	21.2

408387 2013 GF_{103} 4 21.2 336°.25 1°.6/22.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 17.55	−17 17.1	1.162	2.051	16.8	20.4
4 1	14 13.04	−16 56.0	1.094	2.042	12.2	20.1
4 11	14 5.78	−16 15.4	1.047	2.033	6.8	19.8
4 21	13 56.85	−15 19.3	1.022	2.026	1.7	19.4
5 1	13 47.75	−14 15.0	1.021	2.019	5.5	19.6
5 11	13 40.03	−13 12.7	1.043	2.013	11.1	19.9
5 21	13 34.84	−12 21.2	1.086	2.008	16.3	20.2
5 31	13 32.87	−11 47.1	1.146	2.003	20.6	20.4

393003 2012 XX_{128} 4 21.2 122°.84 0°.4/20.9 17

3 22	14 17.64	−12 11.9	2.231	3.102	10.5	21.6
4 1	14 11.94	−11 49.2	2.164	3.107	7.3	21.4
4 11	14 4.78	−11 19.7	2.124	3.111	3.8	21.2
4 21	13 56.84	−10 46.5	2.111	3.116	0.4	20.9
5 1	13 48.92	−10 13.4	2.128	3.120	3.8	21.2
5 11	13 41.82	− 9 44.5	2.172	3.125	7.4	21.4
5 21	13 36.15	− 9 23.3	2.241	3.129	10.5	21.6
5 31	13 32.34	− 9 12.0	2.333	3.133	13.2	21.8

156237 2001 UH_{146} 4 21.2 269°.96 0°.3/21.8 18

3 22	14 10.03	−14 52.8	4.562	5.418	5.9	20.7
4 1	14 6.19	−14 31.8	4.470	5.404	4.1	20.6
4 11	14 1.67	−14 6.2	4.407	5.391	2.2	20.4
4 21	13 56.77	−13 37.4	4.373	5.377	0.3	20.2
5 1	13 51.84	−13 7.4	4.369	5.364	1.9	20.4
5 11	13 47.23	−12 38.0	4.396	5.350	3.9	20.5
5 21	13 43.24	−12 11.2	4.450	5.336	5.7	20.6
5 31	13 40.12	−11 48.7	4.529	5.323	7.4	20.7

422346 2014 SB_{228} 4 21.2 106°.61 0°.7/21.8 16

3 22	14 21.11	−15 50.8	1.592	2.464	14.0	21.7
4 1	14 14.76	−15 23.6	1.534	2.475	9.9	21.4
4 11	14 6.36	−14 43.4	1.499	2.485	5.3	21.2
4 21	13 56.88	−13 53.9	1.491	2.496	0.8	20.9
5 1	13 47.51	−13 1.1	1.510	2.506	4.5	21.2
5 11	13 39.39	−12 11.9	1.555	2.515	9.1	21.5
5 21	13 33.33	−11 32.0	1.624	2.525	13.1	21.7
5 31	13 29.81	−11 5.4	1.713	2.534	16.4	22.0

59165 1998 YY_{13} 4 21.2 246°.84 0°.9/20.4 18

3 22	14 17.94	−10 45.7	2.086	2.962	10.9	19.5
4 1	14 12.30	−10 17.0	2.011	2.956	7.6	19.3
4 11	14 5.03	− 9 41.7	1.961	2.950	3.9	19.1
4 21	13 56.85	− 9 3.4	1.939	2.943	1.0	18.8
5 1	13 48.61	− 8 26.5	1.945	2.936	4.4	19.1
5 11	13 41.19	− 7 55.6	1.979	2.929	8.1	19.3
5 21	13 35.27	− 7 34.1	2.038	2.922	11.6	19.5
5 31	13 31.33	− 7 24.6	2.117	2.915	14.5	19.7

72707 2001 FX_{80} 4 21.2 267°.97 1°.8/19.7 18

3 22	14 18.29	− 8 24.8	1.956	2.837	11.3	19.2
4 1	14 12.63	− 7 53.2	1.881	2.829	7.8	19.0
4 11	14 5.24	− 7 16.5	1.831	2.820	4.1	18.7
4 21	13 56.86	− 6 38.9	1.809	2.812	1.9	18.6
5 1	13 48.40	− 6 5.2	1.815	2.803	5.1	18.8
5 11	13 40.80	− 5 39.9	1.848	2.794	8.9	19.0
5 21	13 34.79	− 5 26.4	1.905	2.785	12.4	19.2
5 31	13 30.87	− 5 26.5	1.983	2.777	15.4	19.4

64760 2001 XN_{168} 4 21.2 241°.38 1°.6/20.1 18

3 22	14 20.62	−10 47.1	1.557	2.441	13.5	19.5
4 1	14 14.63	− 9 58.4	1.482	2.431	9.5	19.2
4 11	14 6.42	− 8 59.6	1.432	2.421	4.9	18.9
4 21	13 56.89	− 7 56.2	1.407	2.411	1.6	18.7
5 1	13 47.24	− 6 55.5	1.410	2.400	5.8	18.9
5 11	13 38.68	− 6 4.8	1.438	2.389	10.6	19.1
5 21	13 32.15	− 5 29.4	1.489	2.377	14.8	19.4
5 31	13 28.25	− 5 12.5	1.559	2.365	18.4	19.6

365500 2010 RY_{54} 4 21.2 230°.06 0°.5/20.8 17

3 22	14 19.40	−13 44.7	1.763	2.638	12.7	21.6
4 1	14 13.58	−12 51.7	1.685	2.629	8.9	21.3
4 11	14 5.80	−11 46.3	1.631	2.620	4.6	21.1
4 21	13 56.88	−10 33.3	1.605	2.610	0.5	20.7
5 1	13 47.87	− 9 19.6	1.607	2.600	4.8	21.0
5 11	13 39.84	− 8 12.5	1.636	2.589	9.3	21.3
5 21	13 33.63	− 7 18.0	1.689	2.578	13.3	21.5
5 31	13 29.76	− 6 40.1	1.762	2.567	16.7	21.7

181471 2006 TT_{67} 4 21.2 132°.54 5°.1/27.2 17

3 22	14 19.93	−32 1.9	2.873	3.650	11.0	21.3
4 1	14 13.43	−32 17.1	2.800	3.663	9.0	21.2
4 11	14 5.53	−32 16.1	2.751	3.676	6.9	21.0
4 21	13 56.87	−31 58.7	2.728	3.688	5.4	21.0
5 1	13 48.22	−31 26.5	2.734	3.700	5.2	21.0
5 11	13 40.34	−30 43.2	2.768	3.711	6.5	21.1
5 21	13 33.82	−29 53.5	2.829	3.722	8.4	21.2
5 31	13 29.08	−29 2.6	2.914	3.733	10.4	21.3

368258 2001 XT_{237} 4 21.2 210°.20 5°.1/26.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 20.59	−30 3.9	2.283	3.083	12.9	21.4
4 1	14 14.24	−29 56.4	2.193	3.076	10.3	21.2
4 11	14 6.09	−29 28.7	2.126	3.069	7.6	21.0
4 21	13 56.90	−28 41.2	2.086	3.061	5.5	20.9
5 1	13 47.61	−27 36.4	2.073	3.053	5.4	20.8
5 11	13 39.21	−26 20.0	2.089	3.044	7.5	21.0
5 21	13 32.45	−24 59.1	2.131	3.034	10.3	21.1
5 31	13 27.86	−23 40.8	2.196	3.024	13.1	21.3

141239 2001 XQ_{251} 4 21.2 208°.70 1°.5/19.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 16.08	− 8 3.4	2.780	3.654	8.6	20.7
4 1	14 10.67	− 7 24.0	2.703	3.648	5.9	20.5
4 11	14 4.09	− 6 40.9	2.654	3.642	3.1	20.3
4 21	13 56.85	− 5 57.5	2.634	3.635	1.6	20.2
5 1	13 49.59	− 5 17.3	2.644	3.628	4.0	20.4
5 11	13 42.94	− 4 43.8	2.683	3.621	6.9	20.6
5 21	13 37.39	− 4 19.7	2.747	3.613	9.6	20.7
5 31	13 33.33	− 4 6.5	2.834	3.604	11.8	20.9

153500 2001 RN_{122} 4 21.2 225°.56 2°.5/16.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 9.44	+ 0 4.0	4.316	5.196	5.7	19.9
4 1	14 5.77	+ 0 49.5	4.253	5.195	4.1	19.8
4 11	14 1.45	+ 1 33.8	4.218	5.194	2.8	19.7
4 21	13 56.79	+ 2 14.4	4.212	5.193	2.7	19.7
5 1	13 52.14	+ 2 49.1	4.237	5.192	3.9	19.8
5 11	13 47.83	+ 3 16.0	4.289	5.191	5.5	19.9
5 21	13 44.17	+ 3 34.0	4.366	5.189	7.1	20.0
5 31	13 41.38	+ 3 42.5	4.466	5.188	8.5	20.1

456216 2006 KB_{34} 4 21.2 306°.76 3°.7/19.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 20.37	− 5 25.7	1.277	2.176	14.8	20.8
4 1	14 15.01	− 4 52.3	1.195	2.150	10.5	20.5
4 11	14 6.89	− 4 14.7	1.135	2.125	5.9	20.2
4 21	13 56.93	− 3 39.2	1.099	2.099	3.9	20.0
5 1	13 46.51	− 3 13.4	1.088	2.074	8.0	20.1
5 11	13 37.18	− 3 4.0	1.100	2.049	13.2	20.3
5 21	13 30.17	− 3 14.6	1.132	2.025	18.1	20.5
5 31	13 26.30	− 3 46.6	1.180	2.001	22.3	20.7

380163 2000 QG_{59} 4 21.2 232°.92 1°.2/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 20.74	−17 15.2	2.545	3.393	10.2	22.2
4 1	14 14.15	−17 0.9	2.448	3.376	7.4	22.0
4 11	14 6.00	−16 36.6	2.377	3.358	4.2	21.8
4 21	13 56.91	−16 3.9	2.336	3.339	1.3	21.5
5 1	13 47.64	−15 25.9	2.324	3.319	3.3	21.7
5 11	13 39.01	−14 46.6	2.342	3.298	6.7	21.8
5 21	13 31.70	−14 10.3	2.388	3.276	9.9	22.0
5 31	13 26.21	−13 40.7	2.456	3.254	12.7	22.2

436683 2011 SX_{144} 4 21.2 227°.03 1°.3/22.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 17.67	−17 29.8	2.556	3.409	10.0	21.6
4 1	14 11.95	−17 20.6	2.472	3.401	7.3	21.5
4 11	14 4.81	−17 2.0	2.414	3.394	4.2	21.2
4 21	13 56.88	−16 35.5	2.384	3.386	1.4	21.0
5 1	13 48.86	−16 4.2	2.383	3.378	3.2	21.1
5 11	13 41.50	−15 31.7	2.411	3.370	6.4	21.3
5 21	13 35.42	−15 1.9	2.466	3.361	9.4	21.5
5 31	13 31.05	−14 38.2	2.544	3.353	12.0	21.7

479732 2014 DP_{138} 4 21.2 243°.54 2°.8/23.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 18.93	−21 27.2	2.364	3.203	11.2	21.0
4 1	14 12.96	−21 36.8	2.281	3.198	8.4	20.8
4 11	14 5.39	−21 34.2	2.223	3.193	5.4	20.6
4 21	13 56.89	−21 20.1	2.193	3.188	3.0	20.4
5 1	13 48.28	−20 56.7	2.191	3.183	3.9	20.5
5 11	13 40.42	−20 28.1	2.217	3.177	6.8	20.6
5 21	13 33.98	−19 58.5	2.270	3.172	9.8	20.8
5 31	13 29.47	−19 32.3	2.345	3.166	12.5	21.0

74578 1999 NF_{28} 4 21.2 180°.39 11°.8/ 9.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 23.00	+22 15.8	1.989	2.821	13.3	19.1
4 1	14 15.76	+23 43.2	1.955	2.823	12.1	19.0
4 11	14 6.78	+24 48.9	1.945	2.824	11.8	19.0
4 21	13 56.92	+25 25.9	1.958	2.824	12.4	19.1
5 1	13 47.24	+25 30.4	1.994	2.824	13.8	19.1
5 11	13 38.69	+25 2.7	2.051	2.823	15.6	19.3
5 21	13 31.99	+24 6.5	2.125	2.821	17.3	19.4
5 31	13 27.55	+22 46.7	2.214	2.818	18.8	19.5

106902 2000 YJ_{45} 4 21.2 92°.83 2°.7/19.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 20.74	− 8 5.6	1.514	2.403	13.6	19.8
4 1	14 14.43	− 7 7.4	1.467	2.419	9.3	19.6
4 11	14 6.15	− 6 3.7	1.445	2.434	4.9	19.3
4 21	13 56.91	− 5 1.3	1.449	2.450	2.8	19.2
5 1	13 47.89	− 4 7.3	1.480	2.466	6.3	19.5
5 11	13 40.19	− 3 27.8	1.537	2.481	10.6	19.8
5 21	13 34.55	− 3 5.9	1.616	2.496	14.3	20.0
5 31	13 31.41	− 3 2.6	1.714	2.510	17.4	20.3

512508 2016 RQ_{23} 4 21.2 277°.20 1°.6/19.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 18.07	− 7 30.8	2.275	3.152	10.1	20.9
4 1	14 12.31	− 7 13.8	2.196	3.142	7.0	20.7
4 11	14 5.04	− 6 53.7	2.143	3.131	3.7	20.5
4 21	13 56.89	− 6 33.7	2.119	3.121	1.7	20.3
5 1	13 48.66	− 6 17.1	2.123	3.110	4.5	20.5
5 11	13 41.15	− 6 7.4	2.155	3.099	8.0	20.7
5 21	13 35.01	− 6 6.9	2.212	3.089	11.1	20.9
5 31	13 30.70	− 6 17.1	2.291	3.078	13.8	21.0

42566 Ryutaro 4 21.2 168°.14 3°.1/18.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 20.97	− 5 12.7	2.034	2.914	11.0	19.6
4 1	14 14.31	− 4 16.2	1.973	2.919	7.7	19.4
4 11	14 6.04	− 3 17.1	1.939	2.924	4.4	19.2
4 21	13 56.92	− 2 21.0	1.932	2.928	3.2	19.1
5 1	13 47.86	− 1 33.2	1.955	2.931	6.0	19.3
5 11	13 39.77	− 0 58.2	2.005	2.934	9.4	19.5
5 21	13 33.29	− 0 38.7	2.080	2.935	12.6	19.7
5 31	13 28.87	− 0 35.3	2.174	2.936	15.2	19.9

377881 2006 DK_{32} 4 21.2 62°.06 2°.0/19.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 18.03	− 9 17.3	1.656	2.544	12.7	20.4
4 1	14 12.41	− 8 21.3	1.611	2.562	8.7	20.2
4 11	14 5.07	− 7 19.3	1.591	2.581	4.5	20.0
4 21	13 56.89	− 6 17.4	1.598	2.600	2.1	19.8
5 1	13 48.92	− 5 22.2	1.631	2.619	5.6	20.1
5 11	13 42.12	− 4 39.3	1.691	2.638	9.6	20.4
5 21	13 37.16	− 4 12.0	1.774	2.657	13.1	20.6
5 31	13 34.43	− 4 1.6	1.876	2.676	16.0	20.9

500544 2012 UE_{27} 4 21.2 135°.84 4°.5/15.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 15.35	− 0 34.4	2.282	3.168	9.7	21.7
4 1	14 10.27	+ 0 53.1	2.229	3.174	7.0	21.6
4 11	14 3.90	+ 2 19.4	2.203	3.180	4.8	21.4
4 21	13 56.87	+ 3 38.4	2.206	3.186	4.8	21.4
5 1	13 49.91	+ 4 44.4	2.237	3.191	7.0	21.6
5 11	13 43.73	+ 5 33.3	2.295	3.197	9.6	21.8
5 21	13 38.87	+ 6 3.4	2.376	3.202	12.2	21.9
5 31	13 35.69	+ 6 14.6	2.477	3.206	14.3	22.1

142428 2002 SH_{41} 4 21.2 224°.10 1°.6/19.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 20.01	− 9 32.0	2.023	2.899	11.2	21.0
4 1	14 13.82	− 8 46.1	1.943	2.889	7.8	20.8
4 11	14 5.88	− 7 53.3	1.889	2.878	4.0	20.5
4 21	13 56.92	− 6 58.1	1.864	2.866	1.7	20.4
5 1	13 47.87	− 6 5.9	1.867	2.854	5.0	20.6
5 11	13 39.66	− 5 22.2	1.897	2.841	8.9	20.8
5 21	13 33.03	− 4 50.8	1.953	2.827	12.5	21.0
5 31	13 28.51	− 4 34.3	2.029	2.813	15.5	21.1

277599 2006 AZ_{36} 4 21.2 175°.27 1°.1/22.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.48	−16 47.6	2.099	2.959	11.6	21.5
4 1	14 13.37	−16 27.5	2.027	2.961	8.3	21.3
4 11	14 5.60	−15 56.3	1.979	2.962	4.6	21.0
4 21	13 56.91	−15 16.4	1.959	2.963	1.2	20.8
5 1	13 48.22	−14 32.1	1.968	2.964	3.7	21.0
5 11	13 40.41	−13 48.5	2.005	2.964	7.5	21.2
5 21	13 34.18	−13 10.3	2.067	2.964	10.9	21.4
5 31	13 30.01	−12 41.3	2.152	2.963	13.8	21.6

341137 2007 OW_{7} 4 21.2 230°.26 5°.3/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.76	−30 6.2	2.308	3.108	12.7	21.0
4 1	14 13.70	−30 14.6	2.218	3.100	10.3	20.8
4 11	14 5.85	−30 4.1	2.151	3.091	7.7	20.7
4 21	13 56.92	−29 34.5	2.110	3.082	5.7	20.5
5 1	13 47.86	−28 47.6	2.096	3.073	5.6	20.5
5 11	13 39.62	−27 48.3	2.110	3.063	7.5	20.6
5 21	13 32.97	−26 42.8	2.150	3.053	10.2	20.7
5 31	13 28.46	−25 37.8	2.213	3.043	12.9	20.9

223649 2004 NW_{8} 4 21.3 246°.52 1°.6/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.95	− 8 50.2	1.987	2.865	11.3	20.6
4 1	14 13.83	− 8 19.7	1.906	2.852	7.9	20.3
4 11	14 5.92	− 7 43.6	1.850	2.838	4.1	20.1
4 21	13 56.93	− 7 5.9	1.821	2.824	1.7	19.9
5 1	13 47.81	− 6 31.2	1.822	2.810	5.0	20.1
5 11	13 39.52	− 6 4.4	1.849	2.795	9.0	20.3
5 21	13 32.82	− 5 48.8	1.901	2.780	12.6	20.5
5 31	13 28.27	− 5 46.7	1.974	2.764	15.6	20.6

101833 1999 JO_{55} 4 21.3 299°.18 1°.5/19.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 15.00	−10 44.8	2.023	2.906	11.0	19.0
4 1	14 10.39	− 9 43.0	1.935	2.884	7.6	18.8
4 11	14 4.13	− 8 31.8	1.872	2.862	3.9	18.5
4 21	13 56.89	− 7 16.3	1.837	2.840	1.6	18.3
5 1	13 49.49	− 6 2.8	1.830	2.818	5.0	18.5
5 11	13 42.83	− 4 57.7	1.850	2.796	8.9	18.7
5 21	13 37.61	− 4 6.0	1.894	2.774	12.5	18.8
5 31	13 34.36	− 3 31.0	1.958	2.753	15.6	19.0

61930 2000 RP_5 4 21.3 255°.36 0°.9/20.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 15.11	−12 15.8	2.478	3.350	9.6	19.1
4 1	14 10.17	−11 14.9	2.392	3.335	6.7	18.9
4 11	14 3.91	−10 5.6	2.332	3.321	3.4	18.7
4 21	13 56.88	− 8 51.8	2.302	3.306	0.9	18.5
5 1	13 49.79	− 7 38.6	2.301	3.291	4.0	18.7
5 11	13 43.34	− 6 31.5	2.329	3.275	7.3	18.8
5 21	13 38.11	− 5 34.7	2.383	3.260	10.4	19.0
5 31	13 34.52	− 4 51.2	2.459	3.244	13.1	19.2

209403 2004 EO_{92} 4 21.3 189°.15 3°.9/24.7 18

3 22	14 19.96	−24 45.8	2.282	3.109	12.0	21.2
4 1	14 13.75	−25 2.6	2.203	3.108	9.3	21.0
4 11	14 5.83	−25 4.5	2.148	3.108	6.4	20.8
4 21	13 56.93	−24 51.9	2.120	3.107	4.2	20.7
5 1	13 47.94	−24 26.7	2.120	3.107	4.6	20.7
5 11	13 39.77	−23 53.2	2.148	3.106	7.1	20.8
5 21	13 33.14	−23 16.3	2.202	3.105	10.0	21.0
5 31	13 28.57	−22 41.2	2.278	3.104	12.7	21.2

8664 Grigorijrichters 4 21.3 332°.61 5°.5/17.2 18

3 22	14 17.33	− 3 1.3	1.283	2.187	14.4	17.0
4 1	14 12.53	− 1 42.9	1.224	2.180	10.2	16.7
4 11	14 5.39	− 0 22.2	1.188	2.174	6.4	16.5
4 21	13 56.92	+ 0 51.2	1.176	2.167	5.9	16.4
5 1	13 48.41	+ 1 47.8	1.188	2.162	9.3	16.6
5 11	13 41.17	+ 2 20.7	1.223	2.156	13.6	16.8
5 21	13 36.13	+ 2 27.4	1.277	2.152	17.7	17.0
5 31	13 33.86	+ 2 8.5	1.349	2.148	21.1	17.2

51937 2001 QD_{159} 4 21.3 130°.18 1°.1/20.1 18 R

3 22	14 16.91	−10 19.9	2.328	3.203	10.0	18.9
4 1	14 11.37	− 9 41.0	2.266	3.211	6.9	18.7
4 11	14 4.49	− 8 56.5	2.230	3.218	3.5	18.5
4 21	13 56.91	− 8 10.2	2.222	3.226	1.1	18.3
5 1	13 49.38	− 7 26.5	2.243	3.232	4.1	18.6
5 11	13 42.65	− 6 49.4	2.293	3.239	7.4	18.8
5 21	13 37.26	− 6 22.2	2.367	3.246	10.4	19.0
5 31	13 33.62	− 6 6.6	2.464	3.252	12.9	19.2

9513 1971 UN 4 21.3 262°.92 0°.5/20.9 18

3 22	14 22.25	−11 34.7	1.843	2.716	12.3	17.7
4 1	14 15.70	−11 20.9	1.751	2.695	8.7	17.5
4 11	14 7.02	−10 59.3	1.685	2.673	4.5	17.2
4 21	13 56.98	−10 32.6	1.646	2.650	0.5	16.8
5 1	13 46.64	−10 5.2	1.635	2.627	4.8	17.1
5 11	13 37.13	− 9 42.0	1.651	2.604	9.2	17.3
5 21	13 29.38	− 9 27.3	1.691	2.580	13.3	17.5
5 31	13 24.05	− 9 24.4	1.753	2.556	16.8	17.7

156214 2001 UO_{66} 4 21.3 71°.36 3°.3/24.3 18

3 22	14 19.54	−24 8.5	1.664	2.510	14.8	18.9
4 1	14 13.56	−23 28.9	1.613	2.534	11.1	18.7
4 11	14 5.70	−22 28.4	1.585	2.557	7.0	18.6
4 21	13 56.94	−21 11.1	1.583	2.580	3.6	18.4
5 1	13 48.44	−19 43.6	1.608	2.603	4.5	18.5
5 11	13 41.25	−18 14.7	1.661	2.626	8.1	18.8
5 21	13 36.08	−16 52.6	1.737	2.649	11.8	19.0
5 31	13 33.31	−15 43.3	1.836	2.671	14.9	19.3

331834 2003 UC_{47} 4 21.3 218°.74 3°.4/17.2 18

3 22	14 17.22	− 1 49.3	2.672	3.550	8.8	21.4
4 1	14 11.52	− 0 50.2	2.596	3.539	6.2	21.2
4 11	14 4.57	+ 0 9.2	2.548	3.528	4.0	21.0
4 21	13 56.92	+ 1 4.5	2.529	3.516	3.7	21.0
5 1	13 49.23	+ 1 51.3	2.540	3.503	5.7	21.1
5 11	13 42.15	+ 2 26.0	2.578	3.489	8.3	21.2
5 21	13 36.23	+ 2 46.7	2.642	3.475	10.9	21.4
5 31	13 31.87	+ 2 52.5	2.726	3.460	13.1	21.5

248919 2006 VO_{128} 4 21.3 331°.61 2°.4/23.1 17

3 22	14 16.65	−19 4.1	1.758	2.623	13.2	19.8
4 1	14 11.82	−19 4.5	1.675	2.609	9.8	19.5
4 11	14 4.99	−18 50.7	1.615	2.595	5.9	19.3
4 21	13 56.94	−18 24.3	1.581	2.582	2.6	19.0
5 1	13 48.69	−17 49.0	1.573	2.569	4.3	19.1
5 11	13 41.34	−17 10.3	1.591	2.557	8.4	19.3
5 21	13 35.76	−16 34.1	1.633	2.546	12.3	19.5
5 31	13 32.55	−16 5.8	1.696	2.535	15.7	19.7

149468 2003 EO_{10} 4 21.3 41°.21 0°.4/20.9 17

3 22	14 17.70	−13 59.0	1.317	2.207	15.1	19.7
4 1	14 12.55	−13 8.7	1.274	2.225	10.5	19.4
4 11	14 5.27	−12 5.5	1.253	2.243	5.4	19.2
4 21	13 56.94	−10 56.1	1.256	2.261	0.4	18.9
5 1	13 48.85	− 9 48.7	1.285	2.280	5.3	19.3
5 11	13 42.19	− 8 51.4	1.339	2.300	10.1	19.6
5 21	13 37.73	− 8 9.8	1.415	2.320	14.3	19.9
5 31	13 35.88	− 7 46.7	1.509	2.341	17.7	20.2

380620 2004 TS_{274} 4 21.3 164°.39 0°.2/21.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 19.80	−13 58.8	2.178	3.043	11.0	21.9
4 1	14 13.53	−13 40.9	2.109	3.047	7.8	21.7
4 11	14 5.67	−13 14.6	2.065	3.051	4.1	21.5
4 21	13 56.96	−12 42.6	2.049	3.054	0.3	21.2
5 1	13 48.25	−12 8.8	2.062	3.056	3.7	21.4
5 11	13 40.40	−11 37.5	2.103	3.058	7.4	21.7
5 21	13 34.08	−11 12.5	2.170	3.060	10.7	21.9
5 31	13 29.73	−10 56.9	2.259	3.062	13.5	22.1

40941 1999 TS_{211} 4 21.3 301°.97 3°.0/23.7 18

3 22	14 18.16	−21 27.8	1.762	2.617	13.7	19.1
4 1	14 12.88	−21 19.6	1.679	2.606	10.3	18.9
4 11	14 5.54	−20 54.3	1.620	2.595	6.5	18.6
4 21	13 56.95	−20 13.4	1.586	2.584	3.2	18.4
5 1	13 48.21	−19 21.0	1.578	2.573	4.5	18.4
5 11	13 40.42	−18 23.7	1.598	2.563	8.4	18.6
5 21	13 34.47	−17 28.4	1.641	2.553	12.3	18.8
5 31	13 30.96	−16 41.4	1.705	2.543	15.8	19.0

119220 2001 QL_{211} 4 21.3 145°.33 0°.6/20.7 17

3 22	14 19.10	−12 47.4	1.928	2.801	11.8	20.0
4 1	14 13.13	−11 59.7	1.864	2.808	8.2	19.8
4 11	14 5.48	−11 2.8	1.827	2.815	4.2	19.5
4 21	13 56.96	−10 1.2	1.817	2.821	0.7	19.3
5 1	13 48.51	− 9 0.8	1.835	2.827	4.4	19.6
5 11	13 41.04	− 8 7.3	1.881	2.833	8.4	19.8
5 21	13 35.25	− 7 25.3	1.952	2.838	11.9	20.0
5 31	13 31.57	− 6 57.7	2.043	2.842	14.9	20.2

92390 2000 JU_5 4 21.3 287°.00 3°.0/19.2 17

3 22	14 20.05	− 7 58.0	1.355	2.250	14.4	19.3
4 1	14 14.62	− 7 5.6	1.276	2.229	10.1	19.0
4 11	14 6.62	− 6 4.4	1.219	2.209	5.5	18.7
4 21	13 57.00	− 5 1.2	1.187	2.188	3.1	18.5
5 1	13 47.05	− 4 4.4	1.180	2.167	7.3	18.7
5 11	13 38.20	− 3 22.3	1.197	2.146	12.4	18.9
5 21	13 31.57	− 3 0.1	1.236	2.125	17.2	19.1
5 31	13 27.89	− 3 0.3	1.291	2.104	21.2	19.3

164794 1999 GO_{10} 4 21.3 313°.20 1°.8/22.2 17

3 22	14 22.57	−15 36.8	1.290	2.171	16.0	19.6
4 1	14 16.56	−15 56.7	1.216	2.159	11.6	19.3
4 11	14 7.71	−16 4.0	1.163	2.148	6.6	19.0
4 21	13 57.03	−15 59.7	1.134	2.137	2.0	18.7
5 1	13 46.02	−15 47.4	1.130	2.127	5.4	18.8
5 11	13 36.28	−15 33.1	1.150	2.117	10.8	19.1
5 21	13 29.03	−15 22.8	1.192	2.107	15.7	19.4
5 31	13 25.06	−15 22.0	1.252	2.098	19.9	19.6

20681 1999 VH_{10} 4 21.3 15°.55 1°.4/20.2 18

3 22	14 17.33	−10 21.9	1.671	2.557	12.6	17.3
4 1	14 12.12	− 9 45.3	1.609	2.559	8.7	17.1
4 11	14 5.04	− 9 1.3	1.572	2.562	4.5	16.8
4 21	13 56.96	− 8 14.7	1.561	2.564	1.4	16.6
5 1	13 48.90	− 7 31.4	1.576	2.567	5.2	16.9
5 11	13 41.89	− 6 56.9	1.618	2.571	9.4	17.1
5 21	13 36.69	− 6 35.3	1.682	2.575	13.2	17.4
5 31	13 33.77	− 6 28.7	1.767	2.579	16.4	17.6

214426 2005 QZ_{18} 4 21.3 288°.75 0°.8/20.5 18

3 22	14 16.73	−10 58.1	2.183	3.060	10.5	20.6
4 1	14 11.49	−10 30.8	2.099	3.045	7.3	20.4
4 11	14 4.68	− 9 56.9	2.041	3.030	3.8	20.1
4 21	13 56.95	− 9 19.6	2.010	3.015	0.8	19.9
5 1	13 49.10	− 8 43.1	2.008	3.000	4.2	20.1
5 11	13 41.96	− 8 12.0	2.034	2.985	7.9	20.3
5 21	13 36.22	− 7 49.7	2.084	2.970	11.3	20.5
5 31	13 32.36	− 7 38.9	2.155	2.955	14.2	20.6

333447 2003 US_{249} 4 21.3 217°.62 2°.2/19.1 18

3 22	14 19.07	− 5 49.0	2.476	3.351	9.5	21.5
4 1	14 12.91	− 5 18.4	2.398	3.342	6.6	21.3
4 11	14 5.34	− 4 45.6	2.347	3.333	3.6	21.1
4 21	13 56.97	− 4 14.0	2.325	3.323	2.3	21.0
5 1	13 48.55	− 3 47.4	2.332	3.313	4.8	21.1
5 11	13 40.81	− 3 29.2	2.368	3.302	7.9	21.3
5 21	13 34.36	− 3 21.5	2.430	3.291	10.8	21.5
5 31	13 29.63	− 3 25.5	2.513	3.279	13.3	21.7

189004 Capys 4 21.3 219°.37 0°.3/21.8 17

3 22	14 11.20	−14 5.1	4.968	5.823	5.5	21.1
4 1	14 6.97	−13 58.6	4.884	5.817	3.8	20.9
4 11	14 2.10	−13 48.5	4.828	5.812	2.1	20.8
4 21	13 56.89	−13 35.9	4.802	5.806	0.3	20.6
5 1	13 51.66	−13 22.1	4.807	5.801	1.8	20.7
5 11	13 46.73	−13 8.9	4.841	5.795	3.6	20.9
5 21	13 42.38	−12 57.5	4.904	5.789	5.3	21.0
5 31	13 38.84	−12 49.3	4.992	5.783	6.8	21.1

120998 1998 YB_2 4 21.3 8°.87 4°.9/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 20.10	−22 47.4	1.166	2.037	18.1	19.1
4 1	14 14.90	−23 4.6	1.105	2.037	13.8	18.9
4 11	14 6.81	−22 58.3	1.064	2.038	9.1	18.6
4 21	13 57.01	−22 28.7	1.044	2.040	5.2	18.4
5 1	13 47.11	−21 40.8	1.048	2.043	6.3	18.4
5 11	13 38.77	−20 43.8	1.075	2.046	10.8	18.7
5 21	13 33.15	−19 47.7	1.123	2.050	15.4	19.0
5 31	13 30.88	−19 1.2	1.190	2.055	19.4	19.2

365203 2009 GJ_2 4 21.3 78°.99 3°.2/23.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 23.19	−19 56.9	1.437	2.300	15.7	20.8
4 1	14 16.57	−20 8.9	1.376	2.308	11.6	20.5
4 11	14 7.49	−20 3.7	1.337	2.315	7.1	20.3
4 21	13 57.03	−19 42.4	1.323	2.323	3.4	20.1
5 1	13 46.57	−19 9.3	1.335	2.330	5.1	20.2
5 11	13 37.51	−18 31.2	1.373	2.338	9.5	20.5
5 21	13 30.81	−17 55.4	1.433	2.346	13.7	20.7
5 31	13 27.07	−17 27.9	1.513	2.353	17.3	21.0

26795 Basilashvili 4 21.3 242°.14 0°.6/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 23.53	−14 45.8	1.678	2.546	13.6	18.8
4 1	14 16.75	−14 29.9	1.591	2.531	9.7	18.6
4 11	14 7.63	−14 2.0	1.529	2.514	5.3	18.3
4 21	13 57.03	−13 24.7	1.493	2.498	0.6	17.9
5 1	13 46.16	−12 42.8	1.485	2.480	4.7	18.1
5 11	13 36.27	−12 2.5	1.504	2.462	9.6	18.4
5 21	13 28.39	−11 29.9	1.547	2.443	13.9	18.6
5 31	13 23.18	−11 9.5	1.610	2.423	17.6	18.8

406901 2009 DH_{115} 4 21.3 127°.88 3°.0/18.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 20.91	− 7 4.1	1.596	2.483	13.1	21.2
4 1	14 14.56	− 6 1.0	1.543	2.493	9.0	20.9
4 11	14 6.27	− 4 53.1	1.515	2.503	4.9	20.7
4 21	13 57.00	− 3 47.3	1.514	2.513	3.2	20.6
5 1	13 47.86	− 2 50.7	1.540	2.522	6.6	20.8
5 11	13 39.95	− 2 9.2	1.592	2.531	10.6	21.1
5 21	13 34.02	− 1 45.9	1.666	2.539	14.3	21.3
5 31	13 30.53	− 1 41.8	1.760	2.547	17.4	21.6

505245 2012 UV_{105} 4 21.3 117°.06 2°.4/23.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 17.11	−22 9.2	2.269	3.110	11.5	21.8
4 1	14 11.64	−21 41.8	2.198	3.118	8.6	21.7
4 11	14 4.69	−20 59.9	2.153	3.126	5.3	21.5
4 21	13 56.97	−20 5.9	2.135	3.133	2.6	21.3
5 1	13 49.29	−19 3.8	2.146	3.141	3.6	21.4
5 11	13 42.47	−17 59.4	2.185	3.148	6.7	21.6
5 21	13 37.12	−16 58.1	2.251	3.155	9.8	21.8
5 31	13 33.64	−16 4.6	2.339	3.162	12.5	22.0

456317 2006 SZ_{283} 4 21.3 286°.70 2°.5/19.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 23.00	− 6 28.8	1.532	2.418	13.6	20.8
4 1	14 16.54	− 6 15.3	1.447	2.396	9.6	20.5
4 11	14 7.60	− 5 58.7	1.385	2.374	5.2	20.2
4 21	13 57.05	− 5 43.0	1.350	2.351	2.6	20.0
5 1	13 46.12	− 5 33.4	1.341	2.329	6.4	20.2
5 11	13 36.18	− 5 34.6	1.358	2.306	11.3	20.4
5 21	13 28.30	− 5 49.6	1.397	2.283	15.7	20.6
5 31	13 23.25	− 6 19.8	1.455	2.261	19.5	20.8

162579 2000 SE_5 4 21.3 201°.68 0°.1/21.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 28.65	−10 52.6	1.818	2.682	12.9	20.0
4 1	14 20.10	−11 13.6	1.740	2.678	9.1	19.8
4 11	14 9.28	−11 29.3	1.688	2.674	4.8	19.5
4 21	13 57.09	−11 41.1	1.664	2.669	0.1	19.1
5 1	13 44.74	−11 51.2	1.670	2.664	4.6	19.4
5 11	13 33.45	−12 2.6	1.705	2.657	9.1	19.7
5 21	13 24.18	−12 18.4	1.766	2.650	13.0	19.9
5 31	13 17.56	−12 41.0	1.847	2.643	16.3	20.1

471468 2011 UG_{323} 4 21.3 218°.56 0°.5/20.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 17.45	−11 10.2	2.797	3.663	8.8	22.3
4 1	14 11.69	−10 51.4	2.715	3.655	6.1	22.1
4 11	14 4.68	−10 27.6	2.659	3.647	3.2	21.8
4 21	13 56.98	−10 1.1	2.633	3.638	0.5	21.6
5 1	13 49.21	− 9 34.9	2.637	3.629	3.3	21.8
5 11	13 42.04	− 9 12.2	2.670	3.619	6.4	22.0
5 21	13 36.00	− 8 55.5	2.730	3.609	9.2	22.2
5 31	13 31.48	− 8 46.9	2.813	3.599	11.6	22.3

34918 4654 P–L 4 21.3 303°.31 1°.0/21.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 18.80	−15 59.3	1.532	2.408	14.2	19.1
4 1	14 13.69	−15 42.0	1.438	2.381	10.3	18.8
4 11	14 6.16	−15 10.1	1.367	2.354	5.7	18.5
4 21	13 57.02	−14 26.1	1.322	2.326	1.1	18.1
5 1	13 47.46	−13 35.2	1.302	2.299	4.9	18.3
5 11	13 38.80	−12 44.8	1.308	2.272	10.0	18.5
5 21	13 32.15	−12 2.0	1.336	2.245	14.8	18.7
5 31	13 28.27	−11 32.7	1.384	2.219	18.9	18.9

11982 1995 UF_6 4 21.3 266°.74 2°.3/19.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 21.56	− 6 1.4	1.972	2.851	11.4	18.4
4 1	14 15.04	− 5 45.7	1.887	2.833	8.0	18.1
4 11	14 6.62	− 5 27.8	1.828	2.815	4.3	17.8
4 21	13 57.04	− 5 11.1	1.796	2.796	2.4	17.7
5 1	13 47.25	− 4 59.8	1.793	2.778	5.5	17.8
5 11	13 38.26	− 4 57.3	1.817	2.759	9.4	18.0
5 21	13 30.90	− 5 6.3	1.865	2.739	13.0	18.2
5 31	13 25.76	− 5 27.8	1.934	2.720	16.1	18.4

376528 2012 QH_{40} 4 21.3 242°.07 1°.3/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 10.36	−20 33.5	4.358	5.194	6.5	20.3
4 1	14 6.48	−20 12.6	4.274	5.192	4.8	20.1
4 11	14 1.88	−19 44.6	4.217	5.190	3.0	20.0
4 21	13 56.91	−19 11.0	4.190	5.188	1.4	19.9
5 1	13 51.93	−18 33.6	4.193	5.186	2.0	19.9
5 11	13 47.33	−17 54.8	4.225	5.185	3.9	20.1
5 21	13 43.40	−17 16.9	4.285	5.183	5.7	20.2
5 31	13 40.41	−16 42.1	4.370	5.181	7.3	20.3

429148 2009 UX_{94} 4 21.3 162°.57 1°.8/22.8 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.71	−18 32.5	2.331	3.177	11.1	22.5
4 1	14 14.83	−18 29.4	2.258	3.183	8.1	22.3
4 11	14 6.37	−18 15.3	2.211	3.189	4.7	22.1
4 21	13 57.04	−17 51.8	2.193	3.194	1.9	22.0
5 1	13 47.71	−17 21.9	2.204	3.198	3.5	22.1
5 11	13 39.23	−16 49.8	2.244	3.202	6.8	22.3
5 21	13 32.27	−16 19.8	2.311	3.205	10.0	22.5
5 31	13 27.28	−15 55.7	2.401	3.208	12.7	22.7

319683 2006 TL_{89} 4 21.3 295°.92 1°.9/22.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 20.42	−17 20.0	1.497	2.369	14.7	20.9
4 1	14 14.80	−17 17.9	1.414	2.353	10.7	20.6
4 11	14 6.72	−17 1.1	1.353	2.337	6.2	20.3
4 21	13 57.05	−16 31.4	1.318	2.321	2.0	20.0
5 1	13 47.08	−15 53.0	1.308	2.305	4.9	20.1
5 11	13 38.17	−15 12.7	1.324	2.289	9.8	20.3
5 21	13 31.39	−14 37.5	1.363	2.274	14.4	20.6
5 31	13 27.47	−14 13.0	1.421	2.259	18.3	20.8

111515 2001 YC_{91} 4 21.3 345°.44 9°.1/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 17.74	−38 8.7	1.906	2.675	16.1	18.8
4 1	14 12.80	−38 43.5	1.823	2.668	13.9	18.6
4 11	14 5.60	−38 51.8	1.760	2.661	11.6	18.5
4 21	13 57.03	−38 31.0	1.719	2.656	9.8	18.3
5 1	13 48.26	−37 41.9	1.701	2.650	9.2	18.3
5 11	13 40.57	−36 29.8	1.708	2.646	10.1	18.3
5 21	13 34.90	−35 2.9	1.738	2.642	12.2	18.4
5 31	13 31.90	−33 30.7	1.790	2.638	14.7	18.6

160826 2000 XT_4 4 21.3 184°.09 2°.1/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 13.41	−24 17.8	4.353	5.167	7.0	21.9
4 1	14 8.60	−24 8.9	4.267	5.166	5.3	21.8
4 11	14 3.00	−23 51.5	4.207	5.166	3.6	21.6
4 21	13 56.97	−23 26.8	4.177	5.165	2.2	21.5
5 1	13 50.93	−22 56.1	4.176	5.164	2.5	21.5
5 11	13 45.28	−22 21.8	4.206	5.162	4.0	21.6
5 21	13 40.38	−21 46.3	4.264	5.160	5.7	21.8
5 31	13 36.50	−21 12.2	4.347	5.158	7.4	21.9

412641 2014 OH_{185} 4 21.3 171°.18 1°.2/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 23.50	−16 35.2	1.853	2.713	12.9	21.9
4 1	14 16.38	−16 21.2	1.783	2.717	9.3	21.6
4 11	14 7.28	−15 55.0	1.737	2.720	5.1	21.4
4 21	13 57.09	−15 19.2	1.719	2.723	1.3	21.1
5 1	13 46.88	−14 38.1	1.730	2.725	4.1	21.3
5 11	13 37.75	−13 57.4	1.768	2.726	8.3	21.6
5 21	13 30.51	−13 22.3	1.831	2.726	12.1	21.8
5 31	13 25.68	−12 57.3	1.915	2.726	15.3	22.0

503302 2016 AB_{99} 4 21.3 17°.69 3°.2/19.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 18.28	− 7 29.8	1.130	2.035	15.8	20.6
4 1	14 13.35	− 6 43.8	1.080	2.039	10.9	20.3
4 11	14 5.88	− 5 51.7	1.053	2.044	5.8	20.0
4 21	13 57.05	− 5 1.2	1.048	2.049	3.3	19.9
5 1	13 48.31	− 4 20.9	1.067	2.056	7.5	20.1
5 11	13 41.09	− 3 57.5	1.109	2.063	12.5	20.4
5 21	13 36.35	− 3 54.2	1.170	2.072	17.0	20.7
5 31	13 34.58	− 4 11.8	1.249	2.081	20.7	21.0

137795 1999 XM_{252} 4 21.3 299°.77 0°.4/21.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 18.14	−15 41.3	1.416	2.298	14.8	20.0
4 1	14 13.32	−15 2.4	1.328	2.274	10.6	19.7
4 11	14 6.00	−14 6.2	1.262	2.250	5.7	19.3
4 21	13 57.06	−12 56.7	1.221	2.226	0.5	18.9
5 1	13 47.75	−11 41.3	1.206	2.202	5.3	19.2
5 11	13 39.46	−10 29.2	1.215	2.178	10.7	19.4
5 21	13 33.30	− 9 29.0	1.246	2.155	15.7	19.6
5 31	13 30.02	− 8 46.9	1.296	2.131	19.9	19.8

518858 2010 DK_{61} 4 21.3 30°.92 1°.3/22.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 16.29	−22 58.2	1.647	2.503	14.4	20.5
4 1	14 11.41	−20 58.7	1.577	2.507	10.5	20.3
4 11	14 4.68	−18 33.5	1.531	2.512	6.0	20.0
4 21	13 57.01	−15 50.4	1.514	2.517	1.6	19.7
5 1	13 49.50	−13 1.5	1.526	2.523	4.3	19.9
5 11	13 43.16	−10 20.2	1.568	2.529	8.9	20.2
5 21	13 38.71	− 7 57.3	1.635	2.535	13.0	20.5
5 31	13 36.57	− 5 59.9	1.724	2.542	16.5	20.7

386244 2008 AA_{92} 4 21.3 35°.23 5°.0/25.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 18.66	−26 54.2	1.904	2.733	13.9	20.3
4 1	14 13.06	−27 11.1	1.840	2.743	10.9	20.1
4 11	14 5.57	−27 9.1	1.799	2.754	7.8	19.9
4 21	13 57.05	−26 48.4	1.783	2.766	5.4	19.8
5 1	13 48.55	−26 11.9	1.793	2.778	5.5	19.8
5 11	13 41.10	−25 25.1	1.830	2.790	7.9	20.0
5 21	13 35.47	−24 34.7	1.891	2.803	11.0	20.2
5 31	13 32.15	−23 46.9	1.974	2.816	13.8	20.4

151864 2003 HO_{45} 4 21.3 26°.81 0°.1/21.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 16.72	−14 19.8	1.310	2.200	15.1	19.1
4 1	14 12.01	−13 37.6	1.259	2.210	10.6	18.9
4 11	14 5.10	−12 41.7	1.231	2.221	5.5	18.6
4 21	13 57.04	−11 38.1	1.227	2.232	0.2	18.2
5 1	13 49.12	−10 34.8	1.249	2.245	5.2	18.7
5 11	13 42.56	− 9 40.0	1.294	2.258	10.2	19.0
5 21	13 38.19	− 8 59.6	1.362	2.272	14.5	19.3
5 31	13 36.47	− 8 37.1	1.448	2.286	18.0	19.5

352035 2006 VV_{80} 4 21.3 157°.26 2°.9/18.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 17.30	− 2 58.4	2.535	3.415	9.1	21.1
4 1	14 11.59	− 2 25.7	2.473	3.418	6.4	20.9
4 11	14 4.64	− 1 53.2	2.438	3.421	3.8	20.8
4 21	13 57.04	− 1 24.5	2.431	3.424	3.0	20.7
5 1	13 49.47	− 1 3.2	2.454	3.427	5.1	20.9
5 11	13 42.61	− 0 51.9	2.504	3.430	7.9	21.0
5 21	13 36.99	− 0 52.1	2.579	3.432	10.5	21.2
5 31	13 32.98	− 1 4.3	2.676	3.434	12.7	21.4

332347 2007 DV_{39} 4 21.3 13°.27 2°.7/19.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.26	− 6 56.8	1.601	2.491	12.9	21.1
4 1	14 13.55	− 6 14.8	1.540	2.492	8.9	20.8
4 11	14 5.86	− 5 28.4	1.503	2.492	4.8	20.6
4 21	13 57.07	− 4 43.4	1.492	2.493	2.9	20.5
5 1	13 48.31	− 4 5.7	1.508	2.493	6.3	20.7
5 11	13 40.65	− 3 40.8	1.549	2.494	10.4	20.9
5 21	13 34.91	− 3 31.6	1.613	2.495	14.2	21.1
5 31	13 31.59	− 3 39.3	1.696	2.496	17.4	21.3

412130 2013 GY_{45} 4 21.3 192°.65 0°.4/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 23.49	−12 10.3	1.832	2.702	12.5	21.3
4 1	14 16.41	−11 51.3	1.759	2.701	8.8	21.1
4 11	14 7.34	−11 23.9	1.711	2.698	4.6	20.8
4 21	13 57.12	−10 51.3	1.691	2.696	0.4	20.5
5 1	13 46.84	−10 18.2	1.699	2.692	4.6	20.8
5 11	13 37.59	− 9 49.6	1.735	2.688	8.9	21.0
5 21	13 30.20	− 9 29.8	1.795	2.683	12.7	21.3
5 31	13 25.21	− 9 21.8	1.877	2.677	16.0	21.5

98437 2000 UP_{47} 4 21.3 137°.88 0°.1/21.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 22.74	−13 44.7	1.720	2.590	13.2	20.0
4 1	14 15.86	−13 20.9	1.659	2.600	9.3	19.8
4 11	14 7.01	−12 46.9	1.623	2.610	4.8	19.5
4 21	13 57.11	−12 6.3	1.614	2.619	0.2	19.2
5 1	13 47.30	−11 24.4	1.633	2.628	4.5	19.6
5 11	13 38.66	−10 46.9	1.679	2.636	8.9	19.8
5 21	13 31.99	−10 18.5	1.750	2.643	12.7	20.1
5 31	13 27.78	−10 2.6	1.841	2.650	15.9	20.3

83752 2001 TY_{137} 4 21.3 112°.08 5°.3/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 17.56	+ 4 2.2	2.283	3.164	9.9	19.4
4 1	14 11.82	+ 4 53.2	2.234	3.172	7.4	19.3
4 11	14 4.77	+ 5 38.5	2.212	3.180	5.6	19.2
4 21	13 57.05	+ 6 13.4	2.217	3.188	5.6	19.2
5 1	13 49.43	+ 6 33.8	2.250	3.196	7.4	19.3
5 11	13 42.63	+ 6 37.7	2.309	3.203	9.9	19.5
5 21	13 37.21	+ 6 24.7	2.391	3.211	12.3	19.7
5 31	13 33.54	+ 5 55.9	2.492	3.218	14.3	19.8

280589 2004 TX_{348} 4 21.3 106°.32 0°.0/21.3 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 18.26	−15 0.1	2.064	2.932	11.5	20.8
4 1	14 12.44	−14 9.3	2.008	2.948	8.0	20.6
4 11	14 5.12	−13 8.3	1.978	2.964	4.2	20.4
4 21	13 57.07	−12 1.4	1.975	2.980	0.1	20.1
5 1	13 49.16	−10 54.4	2.002	2.996	3.9	20.4
5 11	13 42.22	− 9 53.0	2.057	3.011	7.6	20.7
5 21	13 36.84	− 9 1.7	2.137	3.026	10.9	20.9
5 31	13 33.42	− 8 23.7	2.238	3.041	13.6	21.2

504986 2011 HE_{39} 4 21.3 318°.56 5°.6/16.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 16.24	− 0 11.0	1.641	2.537	12.2	20.2
4 1	14 11.49	+ 1 2.1	1.574	2.524	8.9	20.0
4 11	14 4.83	+ 2 14.2	1.532	2.512	6.2	19.8
4 21	13 57.07	+ 3 17.7	1.516	2.500	6.0	19.8
5 1	13 49.23	+ 4 5.2	1.525	2.488	8.8	19.9
5 11	13 42.35	+ 4 31.6	1.558	2.476	12.3	20.1
5 21	13 37.23	+ 4 34.8	1.613	2.465	15.7	20.3
5 31	13 34.39	+ 4 15.4	1.685	2.455	18.7	20.4

93319 2000 SL_{219} 4 21.3 96°.56 5°.3/17.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 22.11	+ 2 20.8	1.858	2.740	11.8	19.1
4 1	14 15.17	+ 2 53.8	1.812	2.753	8.6	18.9
4 11	14 6.55	+ 3 21.0	1.792	2.767	6.0	18.7
4 21	13 57.12	+ 3 37.4	1.798	2.780	5.5	18.7
5 1	13 47.87	+ 3 39.2	1.832	2.793	7.7	18.9
5 11	13 39.73	+ 3 24.4	1.892	2.806	10.7	19.1
5 21	13 33.38	+ 2 53.4	1.975	2.818	13.6	19.3
5 31	13 29.22	+ 2 7.5	2.078	2.831	16.1	19.5

307525 2003 AB_{83} 4 21.3 176°.63 9°.6/ 8.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 23.58	+26 45.5	2.947	3.738	10.5	21.1
4 1	14 15.80	+27 51.0	2.916	3.742	9.8	21.0
4 11	14 6.77	+28 38.3	2.910	3.745	9.6	21.0
4 21	13 57.14	+29 3.1	2.929	3.747	10.1	21.1
5 1	13 47.65	+29 3.1	2.972	3.748	11.1	21.1
5 11	13 39.01	+28 38.7	3.036	3.747	12.2	21.2
5 21	13 31.75	+27 52.3	3.120	3.746	13.4	21.3
5 31	13 26.24	+26 47.3	3.220	3.744	14.4	21.4

144953 2005 ER_{41} 4 21.3 0°.92 3°.6/18.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 17.75	− 7 2.0	1.369	2.267	14.1	19.6
4 1	14 12.73	− 5 48.1	1.311	2.267	9.8	19.3
4 11	14 5.52	− 4 27.8	1.277	2.266	5.4	19.0
4 21	13 57.10	− 3 9.2	1.268	2.266	3.8	18.9
5 1	13 48.71	− 2 1.6	1.284	2.267	7.5	19.2
5 11	13 41.57	− 1 12.5	1.324	2.267	12.0	19.4
5 21	13 36.54	− 0 45.6	1.386	2.268	16.1	19.7
5 31	13 34.14	− 0 41.9	1.465	2.269	19.5	19.9

332172 2006 AE_{39} 4 21.3 287°.25 7°.0/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 20.36	−31 25.7	1.825	2.632	15.3	20.6
4 1	14 14.64	−31 49.4	1.737	2.620	12.6	20.3
4 11	14 6.61	−31 49.9	1.671	2.608	9.7	20.1
4 21	13 57.13	−31 25.5	1.628	2.597	7.5	20.0
5 1	13 47.40	−30 37.6	1.611	2.585	7.2	19.9
5 11	13 38.67	−29 32.2	1.620	2.574	9.3	20.0
5 21	13 31.96	−28 17.4	1.652	2.563	12.3	20.2
5 31	13 27.94	−27 2.2	1.706	2.551	15.4	20.3

14245 2000 AS_{31} 4 21.3 280°.17 3°.9/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 22.60	−22 16.2	1.695	2.543	14.5	17.9
4 1	14 16.38	−22 30.2	1.595	2.516	11.1	17.6
4 11	14 7.63	−22 27.2	1.518	2.489	7.3	17.3
4 21	13 57.17	−22 6.5	1.466	2.462	4.2	17.1
5 1	13 46.18	−21 30.3	1.441	2.434	5.3	17.1
5 11	13 36.05	−20 44.4	1.443	2.406	9.4	17.2
5 21	13 27.91	−19 56.2	1.468	2.377	13.7	17.4
5 31	13 22.59	−19 13.1	1.514	2.348	17.6	17.6

55973 1998 QA_{49} 4 21.3 189°.58 3°.7/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 24.88	−22 31.0	1.736	2.578	14.5	19.6
4 1	14 17.63	−22 35.9	1.660	2.578	10.9	19.3
4 11	14 8.09	−22 23.0	1.606	2.577	7.1	19.1
4 21	13 57.18	−21 52.9	1.579	2.575	3.9	18.9
5 1	13 46.15	−21 9.0	1.579	2.572	5.0	19.0
5 11	13 36.27	−20 17.9	1.607	2.568	8.8	19.2
5 21	13 28.49	−19 26.7	1.659	2.564	12.6	19.4
5 31	13 23.43	−18 42.2	1.733	2.559	16.0	19.6

99566 2002 FT_{11} 4 21.3 348°.29 3°.3/19.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 20.03	− 6 17.9	1.227	2.128	15.2	19.1
4 1	14 14.60	− 5 46.7	1.168	2.124	10.6	18.8
4 11	14 6.61	− 5 11.5	1.130	2.120	5.8	18.6
4 21	13 57.14	− 4 38.6	1.116	2.117	3.4	18.4
5 1	13 47.62	− 4 15.1	1.126	2.114	7.4	18.6
5 11	13 39.47	− 4 6.8	1.160	2.112	12.3	18.9
5 21	13 33.72	− 4 16.5	1.214	2.111	16.8	19.1
5 31	13 30.97	− 4 44.8	1.286	2.111	20.6	19.4

111309 2001 XY_{65} 4 21.3 168°.05 4°.6/16.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 16.09	+ 1 40.1	2.437	3.320	9.3	20.1
4 1	14 10.80	+ 2 39.5	2.380	3.322	6.8	19.9
4 11	14 4.27	+ 3 35.8	2.350	3.323	4.9	19.8
4 21	13 57.08	+ 4 24.1	2.348	3.325	4.9	19.8
5 1	13 49.93	+ 5 0.2	2.374	3.326	6.7	19.9
5 11	13 43.50	+ 5 21.1	2.426	3.327	9.2	20.1
5 21	13 38.31	+ 5 25.9	2.502	3.328	11.7	20.2
5 31	13 34.76	+ 5 14.7	2.598	3.328	13.7	20.4

364185 2006 PF_8 4 21.3 283°.56 3°.3/18.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 19.97	− 7 4.8	1.589	2.478	13.0	21.4
4 1	14 14.42	− 5 58.7	1.496	2.447	9.2	21.1
4 11	14 6.55	− 4 43.8	1.428	2.416	5.1	20.8
4 21	13 57.15	− 3 26.8	1.386	2.384	3.5	20.6
5 1	13 47.35	− 2 16.1	1.371	2.352	7.2	20.8
5 11	13 38.40	− 1 19.8	1.381	2.320	11.9	21.0
5 21	13 31.34	− 0 43.6	1.413	2.287	16.3	21.1
5 31	13 26.92	− 0 30.0	1.463	2.253	20.1	21.3

407740 2011 UX_{401} 4 21.3 306°.66 1°.4/22.0 14 C

3 22	14 20.03	−16 11.7	1.162	2.050	16.8	21.4
4 1	14 15.36	−16 1.4	1.067	2.015	12.4	21.0
4 11	14 7.46	−15 32.8	0.992	1.979	7.0	20.6
4 21	13 57.19	−14 47.6	0.940	1.944	1.5	20.1
5 1	13 46.03	−13 51.5	0.911	1.909	6.1	20.3
5 11	13 35.85	−12 54.0	0.905	1.874	12.5	20.5
5 21	13 28.22	−12 5.3	0.918	1.840	18.6	20.7
5 31	13 24.24	−11 33.8	0.948	1.806	23.8	20.9

425046 2009 QY_2 4 21.3 160°.39 2°.9/24.0 17

3 22	14 21.28	−22 36.3	2.216	3.051	12.0	22.7
4 1	14 14.65	−22 28.9	2.143	3.058	9.0	22.5
4 11	14 6.36	−22 6.7	2.094	3.063	5.8	22.3
4 21	13 57.14	−21 31.1	2.073	3.069	3.2	22.1
5 1	13 47.93	−20 45.6	2.081	3.074	4.0	22.2
5 11	13 39.64	−19 55.2	2.118	3.078	7.1	22.4
5 21	13 32.96	−19 5.5	2.180	3.081	10.2	22.6
5 31	13 28.35	−18 21.4	2.266	3.084	13.0	22.8

284192 2006 BR_{12} 4 21.3 179°.70 1°.9/24.8 18

3 22	14 11.15	−23 48.5	4.881	5.697	6.2	20.8
4 1	14 7.02	−23 45.3	4.796	5.698	4.7	20.7
4 11	14 2.21	−23 35.1	4.738	5.698	3.2	20.6
4 21	13 57.03	−23 18.6	4.709	5.698	2.0	20.5
5 1	13 51.84	−22 57.1	4.710	5.698	2.2	20.5
5 11	13 46.99	−22 32.4	4.741	5.698	3.6	20.6
5 21	13 42.75	−22 6.6	4.799	5.698	5.1	20.7
5 31	13 39.40	−21 41.6	4.883	5.697	6.6	20.8

152188 Morricone 4 21.3 141°.17 0°.2/21.4 18

3 22	14 24.12	−12 38.1	2.051	2.914	11.7	20.2
4 1	14 16.62	−12 40.0	1.987	2.925	8.2	20.0
4 11	14 7.38	−12 34.9	1.949	2.935	4.3	19.8
4 21	13 57.19	−12 24.8	1.940	2.945	0.2	19.4
5 1	13 47.05	−12 12.8	1.960	2.954	4.0	19.8
5 11	13 37.92	−12 2.6	2.008	2.962	7.8	20.0
5 21	13 30.51	−11 57.5	2.082	2.970	11.2	20.3
5 31	13 25.30	−12 0.1	2.179	2.977	14.1	20.5

100921 1998 KZ_{60} 4 21.3 306°.61 7°.3/15.5 18

3 22	14 17.61	+ 1 15.4	1.356	2.258	13.9	19.0
4 1	14 12.83	+ 2 45.5	1.289	2.240	10.4	18.8
4 11	14 5.70	+ 4 14.4	1.244	2.221	7.7	18.6
4 21	13 57.15	+ 5 31.6	1.224	2.204	7.8	18.5
5 1	13 48.41	+ 6 27.2	1.228	2.186	10.9	18.6
5 11	13 40.79	+ 6 54.7	1.254	2.169	14.9	18.8
5 21	13 35.28	+ 6 52.2	1.299	2.152	18.7	19.0
5 31	13 32.51	+ 6 21.3	1.360	2.136	22.1	19.2

426563 2013 RD_{97} 4 21.3 319°.53 10°.2/28.8 17

3 22	14 25.18	−37 30.5	1.750	2.519	17.3	20.8
4 1	14 18.33	−38 38.8	1.674	2.518	14.9	20.7
4 11	14 8.68	−39 20.5	1.617	2.518	12.5	20.5
4 21	13 57.24	−39 31.1	1.583	2.517	10.7	20.4
5 1	13 45.46	−39 9.6	1.573	2.516	10.2	20.3
5 11	13 34.93	−38 21.0	1.587	2.515	11.4	20.4
5 21	13 26.86	−37 14.1	1.623	2.515	13.6	20.5
5 31	13 21.99	−35 59.4	1.680	2.514	16.1	20.7

244139 2001 VT_{124} 4 21.3 248°.59 3°.4/17.8 18

3 22	14 17.91	− 1 30.0	2.550	3.428	9.1	20.8
4 1	14 12.15	− 0 52.1	2.469	3.412	6.5	20.6
4 11	14 5.04	− 0 14.7	2.415	3.396	4.1	20.4
4 21	13 57.14	+ 0 18.1	2.390	3.379	3.6	20.4
5 1	13 49.15	+ 0 42.7	2.394	3.362	5.7	20.5
5 11	13 41.78	+ 0 55.9	2.426	3.345	8.5	20.6
5 21	13 35.62	+ 0 56.1	2.482	3.327	11.2	20.8
5 31	13 31.10	+ 0 42.8	2.560	3.308	13.5	20.9

399310 1994 XB 4 21.3 196°.18 1°.0/22.2 17

3 22	14 22.00	−17 33.0	1.866	2.725	12.9	22.6
4 1	14 15.40	−16 55.7	1.789	2.722	9.3	22.4
4 11	14 6.85	−16 4.0	1.736	2.719	5.1	22.1
4 21	13 57.19	−15 1.2	1.711	2.715	1.2	21.8
5 1	13 47.48	−13 52.9	1.714	2.710	4.1	22.0
5 11	13 38.77	−12 46.1	1.746	2.704	8.4	22.3
5 21	13 31.90	−11 47.2	1.802	2.697	12.3	22.5
5 31	13 27.38	−11 1.2	1.880	2.690	15.6	22.7

260541 2005 EG_{160} 4 21.3 119°.63 0°.9/20.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 22.04	−11 40.7	1.754	2.629	12.7	21.2
4 1	14 15.27	−11 0.8	1.701	2.645	8.8	21.0
4 11	14 6.68	−10 12.8	1.672	2.661	4.5	20.7
4 21	13 57.19	− 9 21.3	1.671	2.676	0.9	20.5
5 1	13 47.86	− 8 32.0	1.699	2.690	4.8	20.8
5 11	13 39.70	− 7 50.7	1.753	2.704	9.0	21.1
5 21	13 33.45	− 7 21.4	1.832	2.718	12.6	21.3
5 31	13 29.52	− 7 6.4	1.931	2.730	15.6	21.6

428045 2006 DP_{117} 4 21.3 322°.46 5°.3/23.8 16

3 22	14 23.48	−22 3.7	1.542	2.395	15.4	20.7
4 1	14 17.26	−23 10.9	1.451	2.372	12.0	20.4
4 11	14 8.24	−24 5.0	1.382	2.350	8.3	20.1
4 21	13 57.25	−24 42.8	1.338	2.329	5.5	19.9
5 1	13 45.60	−25 3.5	1.320	2.308	6.5	19.9
5 11	13 34.85	−25 9.9	1.327	2.288	10.2	20.1
5 21	13 26.31	−25 7.7	1.357	2.269	14.4	20.3
5 31	13 20.90	−25 3.7	1.407	2.251	18.2	20.4

474305 2001 YN_{15} 4 21.3 234°.13 4°.3/16.9 18

3 22	14 17.66	+ 1 13.9	2.428	3.308	9.5	20.7
4 1	14 11.97	+ 1 54.3	2.360	3.301	6.9	20.6
4 11	14 4.93	+ 2 31.8	2.319	3.294	4.8	20.4
4 21	13 57.14	+ 3 2.0	2.305	3.287	4.5	20.4
5 1	13 49.34	+ 3 21.3	2.321	3.279	6.4	20.5
5 11	13 42.24	+ 3 26.9	2.363	3.272	9.1	20.7
5 21	13 36.41	+ 3 17.8	2.429	3.264	11.7	20.8
5 31	13 32.28	+ 2 54.3	2.515	3.256	13.9	21.0

148646 2001 SY_{66} 4 21.3 140°.37 2°.1/19.3 18

3 22	14 19.18	− 8 19.3	2.088	2.966	10.9	20.5
4 1	14 13.09	− 7 22.6	2.031	2.977	7.5	20.3
4 11	14 5.50	− 6 21.0	2.000	2.988	3.9	20.1
4 21	13 57.16	− 5 19.7	1.997	2.998	2.2	20.0
5 1	13 48.91	− 4 24.1	2.023	3.007	5.1	20.2
5 11	13 41.59	− 3 39.1	2.077	3.016	8.5	20.5
5 21	13 35.81	− 3 7.7	2.156	3.024	11.7	20.7
5 31	13 31.98	− 2 51.4	2.255	3.032	14.3	20.9

273873 2007 GC_{76} 4 21.3 161°.33 1°.2/20.2 17

3 22	14 19.76	− 9 48.6	2.101	2.976	11.0	21.1
4 1	14 13.57	− 9 19.3	2.035	2.980	7.6	20.9
4 11	14 5.79	− 8 44.5	1.995	2.983	3.9	20.6
4 21	13 57.17	− 8 7.8	1.983	2.987	1.3	20.4
5 1	13 48.57	− 7 33.7	2.000	2.990	4.5	20.7
5 11	13 40.85	− 7 6.4	2.045	2.992	8.1	20.9
5 21	13 34.68	− 6 48.9	2.114	2.994	11.4	21.1
5 31	13 30.50	− 6 43.4	2.205	2.996	14.2	21.3

336918 2011 HP_{35} 4 21.3 192°.02 2°.3/19.0 17

3 22	14 17.59	− 7 14.1	2.151	3.032	10.5	21.2
4 1	14 12.04	− 6 22.7	2.083	3.031	7.2	21.0
4 11	14 5.00	− 5 27.2	2.042	3.030	3.9	20.8
4 21	13 57.15	− 4 32.3	2.029	3.028	2.4	20.7
5 1	13 49.30	− 3 43.1	2.044	3.026	5.2	20.9
5 11	13 42.27	− 3 4.3	2.087	3.024	8.6	21.1
5 21	13 36.67	− 2 38.8	2.154	3.022	11.7	21.3
5 31	13 32.95	− 2 28.1	2.242	3.019	14.4	21.5

28371 1999 GG_{39} 4 21.3 225°.92 3°.4/17.6 18 R

3 22	14 15.87	− 3 39.2	2.290	3.175	9.7	18.0
4 1	14 10.78	− 2 34.4	2.223	3.171	6.8	17.9
4 11	14 4.33	− 1 28.1	2.182	3.166	4.2	17.7
4 21	13 57.14	− 0 25.4	2.170	3.161	3.6	17.6
5 1	13 49.93	+ 0 28.5	2.186	3.156	5.9	17.8
5 11	13 43.45	+ 1 9.2	2.229	3.150	8.9	17.9
5 21	13 38.28	+ 1 34.3	2.296	3.145	11.8	18.1
5 31	13 34.83	+ 1 43.1	2.383	3.139	14.2	18.3

426988 2014 BA_{44} 4 21.3 305°.32 4°.8/16.6 17

3 22	14 16.26	+ 0 0.8	2.031	2.920	10.6	20.5
4 1	14 11.18	+ 1 4.7	1.970	2.916	7.7	20.3
4 11	14 4.57	+ 2 6.8	1.934	2.912	5.3	20.2
4 21	13 57.14	+ 3 1.2	1.926	2.908	5.1	20.2
5 1	13 49.72	+ 3 42.5	1.945	2.905	7.4	20.3
5 11	13 43.12	+ 4 6.7	1.989	2.901	10.4	20.5
5 21	13 37.99	+ 4 12.4	2.056	2.898	13.2	20.6
5 31	13 34.75	+ 3 59.8	2.142	2.894	15.7	20.8

260229 2004 RO_{248} 4 21.3 106°.86 11°.6/30.7 18

3 22	14 28.23	−39 55.1	1.305	2.082	21.8	20.4
4 1	14 20.76	−40 27.7	1.249	2.099	18.7	20.2
4 11	14 9.95	−40 20.4	1.209	2.115	15.4	20.1
4 21	13 57.30	−39 29.3	1.189	2.131	12.6	20.0
5 1	13 44.85	−37 57.1	1.192	2.147	11.6	19.9
5 11	13 34.52	−35 55.4	1.218	2.162	12.7	20.1
5 21	13 27.51	−33 40.2	1.266	2.176	15.3	20.2
5 31	13 24.33	−31 26.9	1.334	2.190	18.3	20.5

364675 2007 TV_{359} 4 21.3 262°.87 0°.3/21.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 22.64	−12 31.5	1.586	2.463	13.7	20.9
4 1	14 16.28	−12 15.0	1.501	2.446	9.8	20.7
4 11	14 7.53	−11 48.5	1.440	2.428	5.1	20.3
4 21	13 57.25	−11 15.1	1.406	2.411	0.3	19.9
5 1	13 46.68	−10 40.0	1.398	2.392	5.1	20.2
5 11	13 37.10	−10 9.3	1.417	2.374	10.1	20.5
5 21	13 29.56	− 9 48.3	1.458	2.355	14.6	20.7
5 31	13 24.77	− 9 40.9	1.519	2.336	18.4	20.9

140456 2001 TS_{125} 4 21.3 193°.90 3°.5/25.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 17.80	−25 21.3	2.421	3.245	11.5	20.6
4 1	14 12.21	−25 11.5	2.339	3.244	8.8	20.4
4 11	14 5.12	−24 46.2	2.282	3.243	6.0	20.2
4 21	13 57.18	−24 6.6	2.252	3.241	3.8	20.1
5 1	13 49.19	−23 15.6	2.251	3.240	4.1	20.1
5 11	13 41.98	−22 18.1	2.277	3.238	6.6	20.2
5 21	13 36.19	−21 19.5	2.330	3.236	9.5	20.4
5 31	13 32.26	−20 25.0	2.407	3.233	12.1	20.6

436736 2011 UA_{328} 4 21.3 255°.90 2°.6/18.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 16.43	− 5 7.1	2.394	3.276	9.5	21.5
4 1	14 11.19	− 4 22.6	2.317	3.264	6.6	21.3
4 11	14 4.57	− 3 35.8	2.266	3.253	3.8	21.1
4 21	13 57.17	− 2 50.8	2.244	3.241	2.8	21.0
5 1	13 49.71	− 2 12.2	2.251	3.229	5.2	21.1
5 11	13 42.92	− 1 43.6	2.285	3.217	8.3	21.3
5 21	13 37.38	− 1 27.6	2.344	3.204	11.2	21.5
5 31	13 33.53	− 1 25.3	2.424	3.192	13.7	21.6

790 Pretoria 4 21.3 299°.98 5°.4/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 15.79	−33 7.0	2.471	3.257	12.4	13.3
4 1	14 10.93	−32 48.1	2.373	3.242	10.2	13.1
4 11	14 4.50	−32 8.1	2.298	3.228	7.8	12.9
4 21	13 57.17	−31 7.3	2.248	3.214	5.9	12.8
5 1	13 49.76	−29 48.5	2.226	3.200	5.5	12.7
5 11	13 43.11	−28 17.0	2.232	3.186	7.1	12.8
5 21	13 37.90	−26 39.9	2.264	3.173	9.5	12.9
5 31	13 34.60	−25 4.1	2.320	3.159	12.1	13.1

505920 2015 EH_{51} 4 21.3 41°.13 0°.6/21.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 17.51	−16 2.8	1.618	2.494	13.6	20.3
4 1	14 12.33	−15 27.4	1.562	2.505	9.6	20.1
4 11	14 5.26	−14 38.7	1.529	2.515	5.2	19.9
4 21	13 57.20	−13 41.3	1.522	2.527	0.7	19.6
5 1	13 49.24	−12 41.4	1.542	2.538	4.3	19.8
5 11	13 42.42	−11 46.0	1.587	2.550	8.7	20.1
5 21	13 37.50	−11 0.7	1.657	2.562	12.6	20.4
5 31	13 34.92	−10 29.4	1.746	2.575	15.9	20.6

86343 1999 XZ_{56} 4 21.3 158°.21 0°.6/20.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 15.60	−11 20.4	3.094	3.959	8.1	20.2
4 1	14 10.31	−10 49.3	3.025	3.965	5.6	20.0
4 11	14 4.00	−10 13.6	2.984	3.971	2.8	19.9
4 21	13 57.17	− 9 35.7	2.972	3.977	0.6	19.7
5 1	13 50.35	− 8 58.6	2.991	3.982	3.1	19.9
5 11	13 44.11	− 8 25.5	3.039	3.986	5.8	20.1
5 21	13 38.88	− 7 58.9	3.114	3.990	8.2	20.2
5 31	13 35.00	− 7 40.5	3.212	3.994	10.3	20.4

362032 2008 YK_{141} 4 21.3 154°.20 4°.4/18.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 22.40	− 3 1.4	1.556	2.445	13.3	21.3
4 1	14 15.77	− 2 8.8	1.501	2.450	9.4	21.0
4 11	14 7.07	− 1 15.8	1.470	2.454	5.6	20.8
4 21	13 57.26	− 0 29.3	1.465	2.458	4.6	20.8
5 1	13 47.53	+ 0 4.4	1.487	2.462	7.6	21.0
5 11	13 39.04	+ 0 20.6	1.534	2.465	11.6	21.2
5 21	13 32.59	+ 0 17.7	1.603	2.467	15.2	21.4
5 31	13 28.70	− 0 4.0	1.690	2.470	18.3	21.6

190686 2001 DG_{36} 4 21.3 169°.75 3°.8/16.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 18.02	− 0 45.9	2.599	3.477	9.0	20.9
4 1	14 12.10	+ 0 14.7	2.540	3.482	6.4	20.7
4 11	14 4.96	+ 1 14.2	2.508	3.486	4.3	20.6
4 21	13 57.20	+ 2 8.0	2.506	3.490	4.0	20.6
5 1	13 49.48	+ 2 51.8	2.533	3.493	5.9	20.7
5 11	13 42.47	+ 3 22.3	2.588	3.495	8.5	20.9
5 21	13 36.69	+ 3 38.2	2.667	3.496	10.9	21.0
5 31	13 32.50	+ 3 39.2	2.767	3.497	13.0	21.2

124901 2001 TE_{52} 4 21.3 126°.92 3°.2/19.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 25.61	− 4 40.2	1.605	2.487	13.3	19.7
4 1	14 17.89	− 4 14.1	1.554	2.500	9.3	19.5
4 11	14 8.11	− 3 47.0	1.527	2.514	5.2	19.3
4 21	13 57.29	− 3 23.9	1.528	2.526	3.4	19.2
5 1	13 46.66	− 3 9.7	1.556	2.538	6.5	19.4
5 11	13 37.34	− 3 7.9	1.611	2.550	10.5	19.6
5 21	13 30.16	− 3 20.3	1.689	2.560	14.2	19.9
5 31	13 25.57	− 3 47.0	1.786	2.570	17.2	20.1

338733 2003 UO_{118} 4 21.3 248°.35 1°.6/22.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 18.69	−18 45.3	2.180	3.033	11.5	21.5
4 1	14 13.00	−18 24.2	2.091	3.020	8.4	21.3
4 11	14 5.62	−17 50.3	2.027	3.006	4.9	21.0
4 21	13 57.23	−17 5.6	1.990	2.992	1.8	20.8
5 1	13 48.70	−16 14.2	1.982	2.978	3.7	20.9
5 11	13 40.93	−15 21.2	2.002	2.963	7.3	21.1
5 21	13 34.64	−14 32.0	2.048	2.948	10.8	21.3
5 31	13 30.37	−13 51.3	2.116	2.933	13.9	21.5

373985 2003 YL_{165} 4 21.3 227°.86 2°.6/16.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 10.64	+ 1 32.7	4.473	5.350	5.6	20.3
4 1	14 6.67	+ 2 2.0	4.408	5.347	4.0	20.2
4 11	14 2.07	+ 2 29.4	4.371	5.344	2.8	20.1
4 21	13 57.12	+ 2 52.8	4.363	5.341	2.7	20.1
5 1	13 52.18	+ 3 10.2	4.385	5.338	3.9	20.2
5 11	13 47.57	+ 3 20.2	4.435	5.336	5.4	20.3
5 21	13 43.59	+ 3 22.1	4.511	5.333	6.9	20.4
5 31	13 40.48	+ 3 15.5	4.609	5.330	8.2	20.5

497413 2005 WH_{80} 4 21.3 193°.31 0°.5/21.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.83	−15 43.4	2.402	3.258	10.4	22.9
4 1	14 13.56	−15 14.6	2.322	3.256	7.4	22.7
4 11	14 5.81	−14 36.1	2.269	3.253	4.0	22.5
4 21	13 57.24	−13 50.6	2.245	3.250	0.6	22.2
5 1	13 48.62	−13 2.1	2.251	3.245	3.4	22.4
5 11	13 40.77	−12 15.2	2.285	3.240	6.9	22.7
5 21	13 34.30	−11 34.1	2.346	3.234	10.1	22.9
5 31	13 29.67	−11 2.4	2.430	3.228	12.8	23.0

349874 2009 DA_{74} 4 21.3 61°.62 2°.0/19.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 16.41	− 8 27.0	2.027	2.910	10.9	20.9
4 1	14 11.27	− 7 36.5	1.967	2.916	7.5	20.7
4 11	14 4.62	− 6 41.1	1.933	2.922	3.9	20.5
4 21	13 57.20	− 5 45.6	1.927	2.928	2.1	20.4
5 1	13 49.83	− 4 55.5	1.948	2.934	5.0	20.6
5 11	13 43.33	− 4 15.4	1.997	2.940	8.6	20.8
5 21	13 38.32	− 3 48.6	2.070	2.946	11.8	21.0
5 31	13 35.22	− 3 36.6	2.163	2.953	14.5	21.2

25192 1998 SU_{124} 4 21.3 139°.28 1°.4/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 17.87	− 9 59.8	2.057	2.935	11.0	18.6
4 1	14 12.30	− 9 19.3	1.992	2.939	7.6	18.4
4 11	14 5.17	− 8 32.7	1.953	2.942	3.9	18.2
4 21	13 57.22	− 7 44.3	1.942	2.945	1.4	18.0
5 1	13 49.29	− 6 59.0	1.959	2.949	4.6	18.2
5 11	13 42.24	− 6 21.5	2.004	2.951	8.2	18.4
5 21	13 36.70	− 5 55.4	2.073	2.954	11.5	18.6
5 31	13 33.12	− 5 42.5	2.163	2.957	14.3	18.8

406446 2007 TB_{377} 4 21.3 156°.24 0°.8/21.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.88	−16 35.3	1.838	2.700	12.9	22.7
4 1	14 15.26	−16 2.2	1.772	2.707	9.2	22.5
4 11	14 6.77	−15 16.1	1.730	2.714	5.0	22.3
4 21	13 57.27	−14 20.6	1.716	2.720	0.9	22.0
5 1	13 47.83	−13 21.4	1.730	2.726	4.1	22.2
5 11	13 39.47	−12 24.7	1.772	2.730	8.3	22.5
5 21	13 32.95	−11 36.3	1.839	2.735	12.1	22.7
5 31	13 28.77	−11 0.4	1.927	2.738	15.2	23.0

505599 2014 DS_{47} 4 21.3 64°.33 8°.4/28.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 26.95	−36 13.4	2.215	2.972	14.5	21.0
4 1	14 19.07	−37 30.5	2.147	2.985	12.4	20.9
4 11	14 8.91	−38 26.3	2.102	2.998	10.3	20.8
4 21	13 57.34	−38 57.3	2.082	3.011	8.7	20.7
5 1	13 45.57	−39 3.0	2.087	3.024	8.5	20.7
5 11	13 34.82	−38 46.6	2.119	3.038	9.5	20.8
5 21	13 26.08	−38 14.6	2.175	3.051	11.3	20.9
5 31	13 19.98	−37 34.3	2.253	3.064	13.3	21.1

419094 2009 SQ_{147} 4 21.3 110°.86 0°.8/20.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 18.92	−13 5.4	2.076	2.946	11.3	21.4
4 1	14 12.88	−11 56.1	2.024	2.967	7.8	21.2
4 11	14 5.40	−10 38.1	1.998	2.987	3.9	21.0
4 21	13 57.24	− 9 16.7	2.002	3.006	0.9	20.8
5 1	13 49.25	− 7 58.1	2.034	3.025	4.3	21.1
5 11	13 42.25	− 6 48.4	2.095	3.043	7.9	21.4
5 21	13 36.81	− 5 51.9	2.181	3.061	11.1	21.6
5 31	13 33.31	− 5 11.0	2.289	3.078	13.8	21.8

200883 2001 YJ_{131} 4 21.3 120°.13 1°.5/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 24.81	−17 8.8	1.629	2.491	14.3	20.3
4 1	14 17.43	−16 58.9	1.572	2.507	10.2	20.1
4 11	14 7.93	−16 35.3	1.540	2.522	5.7	19.9
4 21	13 57.32	−16 0.8	1.534	2.537	1.7	19.7
5 1	13 46.85	−15 20.2	1.556	2.551	4.4	19.9
5 11	13 37.71	−14 40.0	1.604	2.565	8.8	20.2
5 21	13 30.72	−14 5.9	1.677	2.578	12.7	20.4
5 31	13 26.38	−13 42.2	1.771	2.591	16.0	20.7

224290 2005 TM_{107} 4 21.3 108°.29 1°.2/22.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 19.46	−18 5.1	1.993	2.851	12.2	20.8
4 1	14 13.41	−17 29.3	1.934	2.867	8.7	20.6
4 11	14 5.74	−16 40.5	1.901	2.883	4.9	20.4
4 21	13 57.26	−15 42.3	1.894	2.898	1.3	20.2
5 1	13 48.90	−14 40.0	1.917	2.912	3.7	20.4
5 11	13 41.57	−13 39.7	1.967	2.927	7.5	20.6
5 21	13 35.90	−12 46.7	2.042	2.941	10.9	20.9
5 31	13 32.32	−12 4.9	2.140	2.955	13.8	21.1

230856 2004 RB_{105} 4 21.3 156°.03 3°.4/24.7 17

3 22	14 20.52	−24 43.6	2.331	3.155	11.8	21.3
4 1	14 14.12	−24 36.1	2.257	3.163	9.1	21.1
4 11	14 6.13	−24 13.1	2.207	3.169	6.1	20.9
4 21	13 57.28	−23 35.7	2.185	3.175	3.7	20.8
5 1	13 48.43	−22 47.0	2.192	3.181	4.1	20.8
5 11	13 40.46	−21 52.2	2.227	3.186	6.8	21.0
5 21	13 34.03	−20 56.7	2.288	3.191	9.7	21.2
5 31	13 29.59	−20 5.8	2.373	3.195	12.4	21.3

329991 2005 TA_{19} 4 21.3 53°.86 1°.4/20.1 17

3 22	14 17.39	−12 4.7	1.603	2.488	13.1	20.7
4 1	14 12.28	−10 55.0	1.542	2.492	9.1	20.4
4 11	14 5.27	− 9 34.3	1.506	2.496	4.6	20.2
4 21	13 57.25	− 8 9.3	1.496	2.500	1.5	20.0
5 1	13 49.29	− 6 48.1	1.514	2.504	5.4	20.2
5 11	13 42.44	− 5 38.5	1.557	2.508	9.8	20.5
5 21	13 37.45	− 4 45.8	1.623	2.513	13.7	20.7
5 31	13 34.80	− 4 12.9	1.709	2.517	17.0	21.0

174525 2003 DZ_{19} 4 21.3 16°.61 1°.7/19.6 18

3 22	14 15.82	− 9 9.8	2.084	2.966	10.7	19.8
4 1	14 10.87	− 8 21.2	2.019	2.967	7.4	19.6
4 11	14 4.45	− 7 27.1	1.979	2.968	3.8	19.4
4 21	13 57.23	− 6 31.9	1.968	2.970	1.8	19.3
5 1	13 50.02	− 5 41.0	1.984	2.971	4.8	19.5
5 11	13 43.64	− 4 59.2	2.028	2.973	8.3	19.7
5 21	13 38.69	− 4 29.8	2.095	2.974	11.5	19.9
5 31	13 35.61	− 4 14.7	2.184	2.976	14.3	20.1

441789 2009 DA_{135} 4 21.3 353°.60 0°.7/20.7 17

3 22	14 16.72	−11 35.0	1.884	2.765	11.7	20.8
4 1	14 11.68	−11 8.1	1.816	2.763	8.2	20.6
4 11	14 4.94	−10 33.6	1.772	2.761	4.2	20.3
4 21	13 57.24	− 9 55.3	1.754	2.759	0.7	20.0
5 1	13 49.52	− 9 18.0	1.765	2.758	4.4	20.3
5 11	13 42.70	− 8 46.7	1.802	2.757	8.4	20.6
5 21	13 37.47	− 8 25.1	1.862	2.757	12.0	20.8
5 31	13 34.33	− 8 15.9	1.944	2.757	15.0	21.0

510356 2011 SK_{220} 4 21.3 193°.39 1°.1/20.0 17

3 22	14 16.05	−10 2.4	2.697	3.568	8.9	22.3
4 1	14 10.79	− 9 20.3	2.623	3.567	6.2	22.1
4 11	14 4.33	− 8 33.2	2.576	3.565	3.2	21.9
4 21	13 57.23	− 7 44.5	2.559	3.562	1.2	21.8
5 1	13 50.12	− 6 57.9	2.571	3.559	3.8	22.0
5 11	13 43.65	− 6 17.2	2.613	3.556	6.8	22.1
5 21	13 38.31	− 5 45.5	2.680	3.553	9.5	22.3
5 31	13 34.50	− 5 24.7	2.769	3.549	11.9	22.5

173862 2001 TB_{196} 4 21.3 133°.77 5°.1/14.7 17

3 22	14 16.22	+ 5 46.5	2.804	3.679	8.5	21.0
4 1	14 10.76	+ 6 54.0	2.762	3.693	6.5	20.8
4 11	14 4.25	+ 7 55.7	2.747	3.706	5.3	20.8
4 21	13 57.23	+ 8 47.1	2.761	3.718	5.5	20.8
5 1	13 50.30	+ 9 24.6	2.803	3.731	7.0	20.9
5 11	13 44.05	+ 9 46.2	2.871	3.742	8.9	21.1
5 21	13 38.91	+ 9 51.4	2.963	3.754	10.9	21.2
5 31	13 35.22	+ 9 41.1	3.075	3.765	12.5	21.4

499191 2009 SN_{347} 4 21.3 199°.99 2°.5/18.9 17

3 22	14 18.89	− 6 47.8	2.152	3.031	10.5	22.5
4 1	14 13.00	− 5 50.9	2.081	3.028	7.3	22.3
4 11	14 5.56	− 4 49.7	2.037	3.024	4.0	22.1
4 21	13 57.28	− 3 49.4	2.021	3.019	2.7	22.0
5 1	13 48.98	− 2 55.3	2.034	3.014	5.4	22.2
5 11	13 41.49	− 2 12.2	2.074	3.008	8.8	22.4
5 21	13 35.47	− 1 43.4	2.140	3.002	12.0	22.6
5 31	13 31.36	− 1 30.2	2.226	2.995	14.7	22.7

73625 3524 $T\text{-}_3$ 4 21.3 173°.69 0°.1/21.2 16

3 22	14 21.06	−14 5.4	1.912	2.780	12.2	20.7
4 1	14 14.66	−13 25.2	1.843	2.783	8.6	20.4
4 11	14 6.48	−12 34.4	1.799	2.786	4.5	20.2
4 21	13 57.31	−11 37.0	1.782	2.787	0.2	19.8
5 1	13 48.16	−10 38.6	1.795	2.789	4.3	20.2
5 11	13 40.01	− 9 45.2	1.835	2.789	8.4	20.4
5 21	13 33.59	− 9 1.8	1.900	2.789	12.1	20.6
5 31	13 29.38	− 8 31.9	1.986	2.788	15.1	20.9

464940 2005 UO_{330} 4 21.3 314°.79 3°.2/19.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 20.27	− 5 11.6	1.602	2.492	12.9	20.8
4 1	14 14.41	− 4 42.7	1.535	2.485	9.0	20.5
4 11	14 6.47	− 4 11.7	1.492	2.479	5.0	20.3
4 21	13 57.33	− 3 43.8	1.474	2.473	3.3	20.1
5 1	13 48.11	− 3 24.2	1.484	2.468	6.5	20.3
5 11	13 39.97	− 3 17.4	1.519	2.462	10.7	20.5
5 21	13 33.74	− 3 25.9	1.576	2.457	14.5	20.8
5 31	13 30.01	− 3 50.1	1.652	2.452	17.8	21.0

396220 2014 AH 4 21.3 257°.41 1°.6/22.8 17

3 22	14 17.94	−19 1.1	1.937	2.796	12.5	21.1
4 1	14 12.60	−18 27.8	1.856	2.788	9.1	20.9
4 11	14 5.47	−17 39.4	1.799	2.780	5.3	20.6
4 21	13 57.29	−16 39.1	1.769	2.772	1.7	20.4
5 1	13 49.03	−15 31.8	1.767	2.763	3.9	20.5
5 11	13 41.66	−14 24.4	1.793	2.755	7.9	20.7
5 21	13 35.94	−13 22.9	1.843	2.747	11.6	20.9
5 31	13 32.38	−12 32.8	1.915	2.738	14.9	21.1

33306 1998 KT_{50} 4 21.3 142°.38 4°.0/16.6 18

3 22	14 15.22	− 0 51.6	2.420	3.305	9.3	18.4
4 1	14 10.27	+ 0 19.1	2.364	3.309	6.6	18.3
4 11	14 4.08	+ 1 28.7	2.334	3.312	4.5	18.1
4 21	13 57.25	+ 2 32.2	2.333	3.316	4.3	18.1
5 1	13 50.47	+ 3 24.5	2.360	3.319	6.3	18.3
5 11	13 44.40	+ 4 2.2	2.414	3.322	9.0	18.4
5 21	13 39.56	+ 4 23.5	2.492	3.325	11.5	18.6
5 31	13 36.32	+ 4 28.2	2.589	3.328	13.6	18.8

497349 2005 UD_{169} 4 21.3 250°.10 0°.6/21.8 17

3 22	14 20.66	−15 13.6	1.954	2.819	12.1	22.0
4 1	14 14.56	−14 54.9	1.866	2.804	8.7	21.8
4 11	14 6.54	−14 25.2	1.804	2.789	4.7	21.5
4 21	13 57.34	−13 47.1	1.768	2.773	0.7	21.2
5 1	13 47.95	−13 4.9	1.761	2.757	4.1	21.4
5 11	13 39.39	−12 24.0	1.782	2.740	8.3	21.6
5 21	13 32.48	−11 49.5	1.827	2.723	12.1	21.8
5 31	13 27.83	−11 25.5	1.894	2.706	15.4	22.0

380913 2006 ED_{25} 4 21.3 173°.32 2°.4/23.4 17

3 22	14 20.43	−20 8.0	2.069	2.917	12.2	21.8
4 1	14 14.24	−20 4.2	1.994	2.919	9.0	21.6
4 11	14 6.29	−19 46.9	1.944	2.920	5.5	21.4
4 21	13 57.35	−19 17.8	1.921	2.921	2.6	21.2
5 1	13 48.35	−18 40.3	1.927	2.921	3.9	21.3
5 11	13 40.26	−17 59.3	1.960	2.922	7.4	21.5
5 21	13 33.82	−17 20.2	2.019	2.922	10.8	21.7
5 31	13 29.52	−16 47.6	2.100	2.922	13.8	21.9

7328 Casanova 4 21.3 250°.84 4°.4/24.4 18

3 22	14 24.06	−24 1.7	2.015	2.845	13.2	17.9
4 1	14 17.11	−24 31.7	1.922	2.829	10.3	17.6
4 11	14 7.98	−24 46.5	1.852	2.814	7.1	17.4
4 21	13 57.42	−24 45.2	1.809	2.798	4.6	17.2
5 1	13 46.51	−24 29.0	1.794	2.781	5.2	17.2
5 11	13 36.42	−24 1.9	1.807	2.764	8.3	17.4
5 21	13 28.12	−23 29.7	1.845	2.747	11.7	17.5
5 31	13 22.28	−22 58.5	1.905	2.729	14.9	17.7

213163 2000 RP_{86} 4 21.3 249°.57 0°.2/21.1 16

3 22	14 16.33	−13 34.5	2.566	3.431	9.5	21.2
4 1	14 11.15	−12 53.7	2.476	3.416	6.7	20.9
4 11	14 4.62	−12 4.5	2.414	3.401	3.5	20.7
4 21	13 57.31	−11 10.1	2.380	3.385	0.2	20.4
5 1	13 49.90	−10 14.7	2.376	3.369	3.5	20.7
5 11	13 43.12	− 9 22.7	2.400	3.352	6.8	20.8
5 21	13 37.52	− 8 38.1	2.451	3.335	9.9	21.0
5 31	13 33.55	− 8 4.1	2.524	3.318	12.5	21.2

243304 2008 GL_{145} 4 21.3 293°.66 3°.4/18.9 17

3 22	14 19.77	− 5 18.0	1.594	2.485	12.9	20.4
4 1	14 14.20	− 4 38.0	1.516	2.468	9.1	20.2
4 11	14 6.45	− 3 54.5	1.462	2.450	5.1	19.9
4 21	13 57.37	− 3 13.3	1.434	2.433	3.6	19.8
5 1	13 48.08	− 2 40.7	1.433	2.415	6.9	19.9
5 11	13 39.76	− 2 22.2	1.456	2.398	11.2	20.1
5 21	13 33.34	− 2 20.8	1.502	2.381	15.2	20.3
5 31	13 29.44	− 2 37.7	1.566	2.364	18.7	20.5

75646 2000 AD_{59} 4 21.3 26°.37 0°.2/21.5 18

3 22	14 19.93	−13 48.8	1.330	2.217	15.2	18.9
4 1	14 14.43	−13 32.6	1.274	2.222	10.7	18.6
4 11	14 6.55	−13 4.4	1.239	2.228	5.7	18.4
4 21	13 57.38	−12 28.2	1.230	2.234	0.3	18.0
5 1	13 48.24	−11 50.2	1.245	2.241	5.1	18.4
5 11	13 40.47	−11 17.2	1.285	2.249	10.2	18.7
5 21	13 34.98	−10 54.8	1.347	2.257	14.6	18.9
5 31	13 32.31	−10 46.5	1.427	2.265	18.3	19.2

193178 2000 PK_5 4 21.3 86°.22 2°.0/23.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 38.55	−22 21.7	1.626	2.451	16.1	21.5
4 1	14 26.25	−21 8.7	1.598	2.512	11.6	21.3
4 11	14 12.11	−19 35.6	1.597	2.571	6.6	21.2
4 21	13 57.55	−17 49.0	1.626	2.628	2.3	21.0
5 1	13 44.02	−15 58.5	1.687	2.681	4.5	21.3
5 11	13 32.64	−14 14.5	1.779	2.732	8.7	21.6
5 21	13 24.03	−12 44.8	1.898	2.781	12.4	22.0
5 31	13 18.37	−11 33.7	2.040	2.826	15.3	22.2

155789 2000 TD_9 4 21.3 292°.95 0°.9/19.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 10.27	− 8 55.3	4.162	5.034	6.0	19.9
4 1	14 6.54	− 8 22.3	4.077	5.021	4.1	19.7
4 11	14 2.08	− 7 46.5	4.020	5.008	2.1	19.6
4 21	13 57.23	− 7 10.0	3.993	4.995	0.9	19.4
5 1	13 52.35	− 6 35.1	3.996	4.982	2.6	19.6
5 11	13 47.81	− 6 4.0	4.028	4.969	4.7	19.7
5 21	13 43.93	− 5 38.7	4.087	4.956	6.6	19.8
5 31	13 40.98	− 5 20.3	4.170	4.943	8.3	19.9

70447 1999 TG_{14} 4 21.3 232°.98 0°.9/20.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 22.85	−10 37.2	1.750	2.626	12.7	18.9
4 1	14 16.20	−10 20.6	1.672	2.617	8.9	18.6
4 11	14 7.44	− 9 56.9	1.619	2.607	4.6	18.3
4 21	13 57.42	− 9 29.6	1.593	2.598	0.9	18.0
5 1	13 47.24	− 9 3.1	1.595	2.588	5.0	18.3
5 11	13 38.05	− 8 42.5	1.624	2.577	9.4	18.5
5 21	13 30.74	− 8 31.8	1.677	2.566	13.4	18.7
5 31	13 25.90	− 8 33.5	1.750	2.555	16.8	18.9

341372 2007 TA_{107} 4 21.3 128°.53 0°.1/21.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 17.72	−14 21.9	2.423	3.287	10.1	22.4
4 1	14 12.03	−13 47.5	2.360	3.298	7.1	22.2
4 11	14 5.02	−13 4.8	2.323	3.309	3.7	22.0
4 21	13 57.33	−12 17.2	2.315	3.320	0.2	21.7
5 1	13 49.72	−11 28.7	2.337	3.331	3.4	22.0
5 11	13 42.89	−10 43.7	2.386	3.341	6.7	22.2
5 21	13 37.39	−10 6.0	2.462	3.350	9.7	22.4
5 31	13 33.60	− 9 38.2	2.561	3.360	12.2	22.6

472146 2014 CD_8 4 21.3 75°.30 0°.6/21.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 17.34	−15 40.4	2.139	3.004	11.2	21.2
4 1	14 11.96	−15 15.6	2.072	3.010	7.9	21.0
4 11	14 5.06	−14 40.8	2.030	3.015	4.3	20.8
4 21	13 57.34	−13 59.1	2.016	3.020	0.7	20.5
5 1	13 49.65	−13 14.6	2.030	3.026	3.6	20.8
5 11	13 42.80	−12 32.3	2.072	3.031	7.2	21.0
5 21	13 37.43	−11 56.4	2.139	3.037	10.5	21.2
5 31	13 33.97	−11 30.3	2.228	3.042	13.3	21.4

208281 2001 BL_5 4 21.4 83°.11 21°.5/31.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 23.28	+30 52.8	1.061	1.898	21.9	19.5
4 1	14 17.11	+33 45.0	1.057	1.904	21.5	19.5
4 11	14 7.97	+35 47.3	1.069	1.910	22.0	19.5
4 21	13 57.44	+36 48.5	1.097	1.916	23.2	19.6
5 1	13 47.36	+36 45.9	1.138	1.922	24.7	19.7
5 11	13 39.37	+35 45.4	1.191	1.928	26.4	19.9
5 21	13 34.38	+33 57.7	1.254	1.933	27.9	20.1
5 31	13 32.77	+31 34.2	1.324	1.939	29.1	20.2

4649 Sumoto 4 21.4 168°.94 6°.0/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 20.62	+ 5 59.3	2.190	3.065	10.6	16.3
4 1	14 14.12	+ 6 45.5	2.136	3.067	8.1	16.1
4 11	14 6.14	+ 7 24.4	2.108	3.070	6.3	16.0
4 21	13 57.39	+ 7 50.8	2.107	3.072	6.3	16.0
5 1	13 48.71	+ 8 0.9	2.134	3.074	8.1	16.2
5 11	13 40.91	+ 7 52.8	2.187	3.075	10.6	16.3
5 21	13 34.61	+ 7 26.9	2.263	3.076	13.1	16.5
5 31	13 30.23	+ 6 44.6	2.358	3.077	15.3	16.6

243270 2008 AK_{65} 4 21.4 324°.25 7°.2/13.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 15.55	+ 8 31.9	2.188	3.068	10.4	20.0
4 1	14 10.65	+ 9 54.8	2.138	3.066	8.3	19.9
4 11	14 4.36	+11 9.2	2.115	3.064	7.2	19.8
4 21	13 57.33	+12 8.8	2.117	3.063	7.7	19.8
5 1	13 50.35	+12 48.4	2.146	3.061	9.4	19.9
5 11	13 44.14	+13 5.5	2.198	3.060	11.7	20.1
5 21	13 39.30	+13 0.3	2.272	3.058	13.9	20.2
5 31	13 36.23	+12 34.5	2.363	3.057	15.8	20.4

381127 2007 DQ_{111} 4 21.4 234°.55 2°.9/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 23.45	−20 32.9	2.111	2.952	12.3	21.0
4 1	14 16.51	−20 50.8	2.021	2.940	9.2	20.8
4 11	14 7.60	−20 56.3	1.957	2.929	5.8	20.6
4 21	13 57.46	−20 49.3	1.919	2.916	3.1	20.4
5 1	13 47.07	−20 32.0	1.911	2.903	4.3	20.4
5 11	13 37.48	−20 8.3	1.931	2.890	7.7	20.6
5 21	13 29.56	−19 43.1	1.977	2.876	11.2	20.8
5 31	13 23.90	−19 21.5	2.045	2.862	14.2	20.9

105531 2000 RR_{28} 4 21.4 163°.00 3°.1/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 17.15	−24 22.5	2.398	3.228	11.4	19.6
4 1	14 11.80	−24 5.4	2.320	3.230	8.7	19.5
4 11	14 4.98	−23 33.1	2.266	3.231	5.8	19.3
4 21	13 57.36	−22 47.3	2.240	3.232	3.4	19.1
5 1	13 49.72	−21 51.3	2.242	3.233	3.8	19.2
5 11	13 42.86	−20 50.3	2.272	3.234	6.5	19.3
5 21	13 37.40	−19 49.5	2.329	3.235	9.4	19.5
5 31	13 33.77	−18 54.1	2.409	3.236	12.1	19.7

7658 1993 BM_{12} 4 21.4 14°.22 1°.5/22.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.05	−16 41.1	1.236	2.121	16.2	16.7
4 1	14 14.01	−16 30.1	1.178	2.124	11.7	16.4
4 11	14 6.44	−16 2.8	1.141	2.127	6.5	16.1
4 21	13 57.42	−15 22.7	1.127	2.131	1.7	15.8
5 1	13 48.40	−14 36.1	1.138	2.136	5.1	16.1
5 11	13 40.79	−13 51.4	1.173	2.142	10.3	16.4
5 21	13 35.61	−13 15.6	1.229	2.148	15.0	16.6
5 31	13 33.42	−12 53.9	1.303	2.155	18.9	16.9

490419 2009 SO_{43} 4 21.4 208°.76 0°.5/21.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 18.95	−16 21.9	2.139	3.000	11.4	22.4
4 1	14 13.16	−15 35.3	2.058	2.994	8.1	22.2
4 11	14 5.74	−14 36.4	2.004	2.988	4.4	22.0
4 21	13 57.40	−13 29.0	1.977	2.982	0.6	21.7
5 1	13 49.02	−12 18.2	1.980	2.975	3.8	21.9
5 11	13 41.46	−11 10.4	2.011	2.967	7.6	22.1
5 21	13 35.41	−10 10.8	2.068	2.959	11.1	22.3
5 31	13 31.36	− 9 23.7	2.146	2.950	14.1	22.5

459604 2013 HB_{28} 4 21.4 310°.56 6°.0/16.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 18.33	− 1 49.0	1.292	2.195	14.4	20.5
4 1	14 13.45	− 0 28.3	1.228	2.183	10.4	20.2
4 11	14 6.15	+ 0 53.8	1.187	2.170	6.9	20.0
4 21	13 57.42	+ 2 7.7	1.170	2.159	6.5	19.9
5 1	13 48.55	+ 3 3.6	1.177	2.147	9.8	20.1
5 11	13 40.89	+ 3 34.3	1.206	2.136	14.1	20.3
5 21	13 35.45	+ 3 37.5	1.255	2.125	18.2	20.5
5 31	13 32.82	+ 3 14.0	1.321	2.115	21.7	20.7

106499 2000 WE_{33} 4 21.4 155°.31 3°.1/17.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 16.36	− 1 44.7	2.819	3.697	8.4	19.8
4 1	14 10.94	− 1 1.4	2.759	3.703	5.9	19.6
4 11	14 4.43	− 0 18.9	2.728	3.708	3.7	19.5
4 21	13 57.36	+ 0 19.2	2.725	3.714	3.3	19.4
5 1	13 50.33	+ 0 49.3	2.752	3.719	5.1	19.6
5 11	13 43.93	+ 1 9.0	2.807	3.723	7.5	19.7
5 21	13 38.63	+ 1 16.7	2.886	3.727	9.8	19.9
5 31	13 34.77	+ 1 12.2	2.988	3.731	11.8	20.1

437862 2000 SR_{131} 4 21.4 297°.28 6°.8/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 20.84	−32 42.1	2.199	2.986	13.7	21.0
4 1	14 15.02	−33 5.7	2.080	2.949	11.4	20.7
4 11	14 7.00	−33 8.9	1.983	2.911	9.1	20.5
4 21	13 57.46	−32 49.3	1.911	2.872	7.2	20.3
5 1	13 47.39	−32 7.0	1.866	2.833	7.0	20.2
5 11	13 37.96	−31 5.8	1.847	2.794	8.8	20.3
5 21	13 30.17	−29 52.4	1.853	2.755	11.7	20.4
5 31	13 24.79	−28 34.9	1.881	2.715	14.7	20.5

97817 2000 OY_{48} 4 21.4 257°.63 0°.5/21.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 23.21	−14 20.1	1.636	2.507	13.7	19.6
4 1	14 16.73	−14 8.3	1.549	2.490	9.8	19.3
4 11	14 7.87	−13 45.0	1.486	2.472	5.3	19.0
4 21	13 57.49	−13 12.8	1.449	2.454	0.6	18.6
5 1	13 46.77	−12 36.4	1.439	2.435	4.8	18.8
5 11	13 37.03	−12 1.7	1.456	2.415	9.7	19.1
5 21	13 29.29	−11 34.6	1.496	2.395	14.1	19.3
5 31	13 24.27	−11 19.7	1.557	2.375	17.9	19.5

355728 2008 GT_{69} 4 21.4 331°.70 2°.8/18.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 14.20	− 5 38.3	2.325	3.210	9.6	20.4
4 1	14 9.67	− 4 30.4	2.258	3.207	6.6	20.2
4 11	14 3.86	− 3 19.6	2.219	3.205	3.8	20.0
4 21	13 57.34	− 2 10.8	2.207	3.202	3.0	20.0
5 1	13 50.83	− 1 9.4	2.225	3.200	5.4	20.1
5 11	13 45.01	− 0 20.0	2.269	3.198	8.4	20.3
5 21	13 40.44	+ 0 14.7	2.337	3.196	11.3	20.5
5 31	13 37.51	+ 0 33.3	2.427	3.194	13.7	20.6

388788 2008 AY_{77} 4 21.4 52°.40 2°.5/19.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.34	− 5 10.2	2.013	2.896	11.0	21.0
4 1	14 13.33	− 4 52.3	1.959	2.906	7.6	20.8
4 11	14 5.77	− 4 33.4	1.930	2.917	4.2	20.6
4 21	13 57.41	− 4 17.3	1.929	2.928	2.6	20.5
5 1	13 49.14	− 4 7.5	1.956	2.940	5.2	20.7
5 11	13 41.81	− 4 7.0	2.010	2.951	8.6	21.0
5 21	13 36.05	− 4 17.4	2.089	2.963	11.8	21.2
5 31	13 32.28	− 4 39.3	2.188	2.975	14.4	21.4

334298 2001 VU_2 4 21.4 265°.05 6°.9/27.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 20.77	−33 51.8	1.263	2.083	20.1	20.3
4 1	14 15.62	−32 46.8	1.176	2.071	16.4	20.0
4 11	14 7.45	−30 56.3	1.108	2.059	12.0	19.7
4 21	13 57.47	−28 20.1	1.062	2.046	8.0	19.4
5 1	13 47.37	−25 7.0	1.042	2.033	7.3	19.4
5 11	13 38.86	−21 35.4	1.049	2.020	10.9	19.5
5 21	13 33.14	−18 6.8	1.079	2.007	15.8	19.7
5 31	13 30.86	−14 59.9	1.131	1.993	20.5	20.0

294813 2008 CK_{109} 4 21.4 97°.08 3°.4/17.2 17

3 22	14 15.46	− 3 14.1	2.440	3.324	9.3	21.0
4 1	14 10.39	− 1 57.2	2.393	3.340	6.5	20.8
4 11	14 4.16	− 0 40.2	2.373	3.356	4.0	20.7
4 21	13 57.35	+ 0 31.8	2.383	3.371	3.7	20.7
5 1	13 50.66	+ 1 33.6	2.421	3.387	5.8	20.8
5 11	13 44.72	+ 2 21.6	2.487	3.402	8.4	21.0
5 21	13 40.02	+ 2 53.8	2.576	3.417	10.9	21.2
5 31	13 36.89	+ 3 9.7	2.687	3.431	13.0	21.4

64483 2001 VY_{48} 4 21.4 246°.37 2°.9/18.9 18

3 22	14 20.84	− 5 0.9	2.057	2.937	10.9	19.0
4 1	14 14.57	− 4 24.7	1.975	2.921	7.7	18.8
4 11	14 6.53	− 3 46.1	1.919	2.905	4.4	18.5
4 21	13 57.45	− 3 9.5	1.891	2.888	3.0	18.4
5 1	13 48.20	− 2 39.7	1.891	2.871	5.8	18.5
5 11	13 39.75	− 2 20.9	1.919	2.853	9.4	18.7
5 21	13 32.82	− 2 15.7	1.970	2.835	12.8	18.9
5 31	13 27.98	− 2 25.3	2.043	2.816	15.7	19.1

342484 2008 UG_{151} 4 21.4 330°.59 2°.5/19.8 17

3 22	14 20.04	− 6 13.7	1.515	2.406	13.4	19.5
4 1	14 14.48	− 6 5.8	1.440	2.392	9.4	19.2
4 11	14 6.66	− 5 55.7	1.389	2.379	5.1	18.9
4 21	13 57.45	− 5 47.5	1.364	2.366	2.6	18.7
5 1	13 48.04	− 5 45.7	1.365	2.353	6.2	18.9
5 11	13 39.66	− 5 54.3	1.390	2.342	10.7	19.1
5 21	13 33.29	− 6 15.7	1.438	2.331	14.9	19.4
5 31	13 29.55	− 6 51.0	1.504	2.322	18.5	19.6

112636 2002 PJ_{79} 4 21.4 271°.72 0°.9/21.9 18

3 22	14 22.58	−14 46.1	1.598	2.470	13.9	19.9
4 1	14 16.29	−14 46.3	1.517	2.457	10.0	19.6
4 11	14 7.63	−14 35.4	1.459	2.445	5.5	19.3
4 21	13 57.50	−14 15.5	1.428	2.432	1.0	19.0
5 1	13 47.10	−13 50.6	1.423	2.419	4.7	19.2
5 11	13 37.73	−13 26.3	1.444	2.406	9.5	19.4
5 21	13 30.40	−13 7.9	1.489	2.393	13.9	19.7
5 31	13 25.80	−12 59.8	1.554	2.380	17.6	19.9

491211 2011 UB_{141} 4 21.4 198°.52 1°.9/19.2 18

3 22	14 17.43	− 5 37.0	3.009	3.881	8.1	22.1
4 1	14 11.69	− 5 10.7	2.934	3.878	5.6	21.9
4 11	14 4.85	− 4 42.8	2.888	3.873	3.1	21.8
4 21	13 57.40	− 4 16.3	2.870	3.869	2.0	21.7
5 1	13 49.93	− 3 53.9	2.883	3.864	4.0	21.8
5 11	13 43.02	− 3 38.4	2.925	3.858	6.6	22.0
5 21	13 37.16	− 3 31.3	2.994	3.852	9.1	22.1
5 31	13 32.69	− 3 33.9	3.085	3.846	11.2	22.3

456896 2007 VX_{178} 4 21.4 23°.41 1°.6/20.3 17

3 22	14 19.23	−10 42.0	1.209	2.107	15.6	20.8
4 1	14 14.06	−10 3.8	1.157	2.111	10.9	20.5
4 11	14 6.43	− 9 15.6	1.126	2.117	5.6	20.2
4 21	13 57.45	− 8 24.0	1.119	2.123	1.6	20.0
5 1	13 48.55	− 7 36.7	1.136	2.129	6.3	20.3
5 11	13 41.09	− 7 1.4	1.177	2.137	11.4	20.6
5 21	13 36.02	− 6 42.8	1.239	2.144	15.9	20.9
5 31	13 33.87	− 6 43.0	1.318	2.153	19.7	21.2

286420 2001 YH_{150} 4 21.4 170°.97 3°.5/17.0 18

3 22	14 16.21	− 0 38.4	2.866	3.744	8.3	21.6
4 1	14 10.84	+ 0 16.1	2.805	3.747	5.9	21.5
4 11	14 4.39	+ 1 9.4	2.773	3.750	3.9	21.3
4 21	13 57.39	+ 1 57.4	2.769	3.753	3.7	21.3
5 1	13 50.41	+ 2 36.6	2.795	3.755	5.4	21.4
5 11	13 44.05	+ 3 4.1	2.849	3.757	7.8	21.6
5 21	13 38.75	+ 3 18.5	2.928	3.758	10.0	21.8
5 31	13 34.88	+ 3 19.4	3.027	3.758	12.0	21.9

66414 1999 NC_8 4 21.4 269°.41 7°.6/13.6 18

3 22	14 18.36	+ 7 21.3	1.949	2.830	11.4	19.1
4 1	14 12.89	+ 8 47.5	1.880	2.811	9.0	18.9
4 11	14 5.68	+10 6.9	1.836	2.792	7.7	18.8
4 21	13 57.43	+11 11.8	1.819	2.772	8.2	18.8
5 1	13 49.07	+11 55.6	1.828	2.752	10.3	18.9
5 11	13 41.53	+12 14.6	1.861	2.732	13.0	19.0
5 21	13 35.54	+12 8.2	1.914	2.711	15.7	19.1
5 31	13 31.63	+11 38.1	1.984	2.691	18.1	19.3

498267 2007 VF 4 21.4 129°.41 3°.9/17.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 19.05	− 0 39.7	2.235	3.116	10.1	21.0
4 1	14 13.03	− 0 4.2	2.178	3.122	7.2	20.8
4 11	14 5.60	+ 0 29.1	2.147	3.127	4.6	20.6
4 21	13 57.44	+ 0 56.0	2.145	3.133	4.1	20.6
5 1	13 49.34	+ 1 12.7	2.171	3.138	6.2	20.7
5 11	13 42.07	+ 1 16.4	2.224	3.144	9.0	20.9
5 21	13 36.22	+ 1 6.3	2.301	3.149	11.8	21.1
5 31	13 32.20	+ 0 42.6	2.398	3.153	14.1	21.3

191795 2004 TK_{170} 4 21.4 230°.49 2°.6/19.2 18

3 22	14 20.60	− 5 29.8	2.093	2.971	10.8	20.6
4 1	14 14.33	− 5 0.2	2.017	2.963	7.6	20.4
4 11	14 6.39	− 4 28.5	1.967	2.953	4.2	20.2
4 21	13 57.48	− 3 58.6	1.945	2.944	2.7	20.1
5 1	13 48.49	− 3 34.8	1.952	2.934	5.4	20.2
5 11	13 40.30	− 3 21.0	1.986	2.924	9.0	20.4
5 21	13 33.63	− 3 19.4	2.045	2.913	12.3	20.6
5 31	13 28.99	− 3 31.2	2.125	2.902	15.1	20.8

15548 Kalinowski 4 21.4 335°.79 3°.9/23.5 18

3 22	14 21.66	−20 18.5	1.182	2.057	17.6	18.0
4 1	14 16.24	−20 39.6	1.113	2.050	13.2	17.7
4 11	14 7.83	−20 41.1	1.065	2.044	8.3	17.4
4 21	13 57.54	−20 23.0	1.039	2.039	4.2	17.1
5 1	13 46.98	−19 49.3	1.038	2.034	5.9	17.2
5 11	13 37.85	−19 8.0	1.059	2.029	10.9	17.4
5 21	13 31.43	−18 28.1	1.101	2.026	15.8	17.7
5 31	13 28.43	−17 57.5	1.161	2.023	20.1	18.0

156246 2001 UQ_{174} 4 21.4 141°.18 0°.4/20.9 17

3 22	14 19.74	−13 16.6	2.128	2.995	11.1	21.6
4 1	14 13.59	−12 30.8	2.066	3.006	7.8	21.4
4 11	14 5.92	−11 36.4	2.030	3.017	4.0	21.2
4 21	13 57.48	−10 37.4	2.022	3.027	0.4	20.9
5 1	13 49.12	− 9 38.9	2.044	3.036	4.0	21.2
5 11	13 41.67	− 8 46.3	2.094	3.045	7.7	21.5
5 21	13 35.77	− 8 3.8	2.169	3.054	11.0	21.7
5 31	13 31.83	− 7 34.0	2.266	3.061	13.7	21.9

27595 Hnath 4 21.4 322°.78 4°.7/16.9 18

3 22	14 16.98	− 1 39.7	1.810	2.702	11.5	19.0
4 1	14 11.91	− 0 27.7	1.750	2.699	8.2	18.7
4 11	14 5.14	+ 0 44.3	1.715	2.696	5.4	18.6
4 21	13 57.45	+ 1 49.2	1.707	2.694	5.1	18.5
5 1	13 49.77	+ 2 40.6	1.725	2.691	7.6	18.7
5 11	13 43.01	+ 3 13.6	1.769	2.689	11.0	18.9
5 21	13 37.89	+ 3 26.4	1.835	2.687	14.2	19.1
5 31	13 34.85	+ 3 19.0	1.920	2.685	16.9	19.3

146410 2001 QU_{193} 4 21.4 87°.69 6°.4/27.3 18

3 22	14 21.58	−31 31.2	1.757	2.564	15.8	19.3
4 1	14 15.36	−31 31.2	1.694	2.579	12.8	19.2
4 11	14 7.00	−31 5.7	1.652	2.593	9.5	19.0
4 21	13 57.52	−30 15.1	1.635	2.608	7.0	18.9
5 1	13 48.15	−29 3.4	1.644	2.622	6.6	18.9
5 11	13 40.06	−27 38.5	1.678	2.636	8.7	19.0
5 21	13 34.09	−26 9.6	1.738	2.650	11.7	19.2
5 31	13 30.72	−24 45.3	1.820	2.664	14.6	19.4

388850 2008 FX_{113} 4 21.4 263°.40 0°.5/20.5 18

3 22	14 11.26	− 9 55.9	4.648	5.514	5.6	21.3
4 1	14 7.19	− 9 41.2	4.562	5.502	3.9	21.2
4 11	14 2.47	− 9 24.2	4.503	5.491	2.0	21.0
4 21	13 57.37	− 9 6.2	4.475	5.479	0.5	20.8
5 1	13 52.23	− 8 48.8	4.477	5.467	2.2	21.0
5 11	13 47.41	− 8 33.8	4.509	5.455	4.1	21.1
5 21	13 43.18	− 8 22.6	4.568	5.443	5.9	21.2
5 31	13 39.80	− 8 16.4	4.652	5.431	7.4	21.3

178217 2006 VM_{94} 4 21.4 269°.00 0°.2/21.2 18

3 22	14 21.07	−13 4.5	1.715	2.590	13.0	20.6
4 1	14 15.13	−12 39.9	1.627	2.571	9.2	20.3
4 11	14 7.02	−12 4.6	1.564	2.552	4.9	20.0
4 21	13 57.54	−11 22.2	1.527	2.532	0.3	19.6
5 1	13 47.78	−10 37.7	1.518	2.512	4.8	19.9
5 11	13 38.92	− 9 57.5	1.535	2.492	9.5	20.1
5 21	13 31.90	− 9 26.8	1.576	2.472	13.7	20.3
5 31	13 27.39	− 9 9.8	1.637	2.451	17.3	20.5

285284 1998 SV_{47} 4 21.4 190°.33 0°.2/21.2 17

3 22	14 22.25	−14 22.9	1.691	2.562	13.4	21.3
4 1	14 15.78	−13 37.1	1.620	2.562	9.4	21.0
4 11	14 7.25	−12 38.5	1.573	2.560	4.9	20.7
4 21	13 57.54	−11 31.9	1.553	2.558	0.2	20.4
5 1	13 47.81	−10 23.8	1.561	2.555	4.7	20.7
5 11	13 39.18	− 9 21.7	1.596	2.552	9.3	21.0
5 21	13 32.50	− 8 31.5	1.656	2.548	13.4	21.2
5 31	13 28.31	− 7 57.1	1.735	2.543	16.8	21.4

156446 2002 AZ_{166} 4 21.4 145°.08 0°.5/21.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 20.00	−15 55.6	2.488	3.342	10.2	20.9
4 1	14 13.61	−15 20.6	2.423	3.356	7.2	20.7
4 11	14 5.89	−14 36.4	2.385	3.369	3.9	20.5
4 21	13 57.49	−13 46.0	2.376	3.381	0.6	20.2
5 1	13 49.18	−12 53.3	2.398	3.392	3.2	20.5
5 11	13 41.67	−12 3.0	2.448	3.403	6.6	20.7
5 21	13 35.53	−11 19.1	2.525	3.412	9.5	20.9
5 31	13 31.14	−10 44.7	2.626	3.421	12.0	21.1

380650 2004 YM_{27} 4 21.4 230°.68 3°.7/17.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 20.07	− 1 28.8	2.338	3.216	9.9	21.2
4 1	14 13.85	− 0 47.8	2.261	3.203	7.1	21.0
4 11	14 6.11	− 0 7.5	2.210	3.190	4.5	20.8
4 21	13 57.51	+ 0 28.0	2.187	3.176	3.9	20.8
5 1	13 48.81	+ 0 54.1	2.194	3.162	6.1	20.9
5 11	13 40.83	+ 1 7.8	2.228	3.147	9.1	21.0
5 21	13 34.20	+ 1 7.3	2.287	3.132	12.0	21.2
5 31	13 29.39	+ 0 52.1	2.366	3.116	14.5	21.4

299895 2006 SN_{352} 4 21.4 273°.66 3°.3/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.39	−22 41.4	2.199	3.037	12.0	20.8
4 1	14 13.58	−22 50.9	2.117	3.032	9.1	20.6
4 11	14 6.05	−22 46.5	2.060	3.027	6.0	20.4
4 21	13 57.51	−22 28.8	2.029	3.023	3.5	20.3
5 1	13 48.84	−22 0.2	2.027	3.018	4.2	20.3
5 11	13 40.98	−21 25.1	2.052	3.013	7.1	20.5
5 21	13 34.65	−20 48.5	2.103	3.009	10.3	20.7
5 31	13 30.37	−20 15.4	2.176	3.004	13.1	20.8

344453 2002 LE_{29} 4 21.4 269°.11 7°.2/28.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 20.64	−36 40.6	2.315	3.075	13.9	20.4
4 1	14 14.71	−36 44.5	2.206	3.051	11.8	20.2
4 11	14 6.76	−36 24.7	2.118	3.027	9.6	20.0
4 21	13 57.54	−35 39.5	2.055	3.002	7.8	19.8
5 1	13 48.05	−34 29.7	2.018	2.977	7.3	19.7
5 11	13 39.38	−33 0.5	2.009	2.951	8.5	19.8
5 21	13 32.41	−31 19.4	2.025	2.925	10.9	19.8
5 31	13 27.77	−29 35.1	2.065	2.899	13.5	20.0

154006 Suzannehawley 4 21.4 78°.67 5°.5/16.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 17.71	− 1 14.1	1.661	2.555	12.3	20.1
4 1	14 12.39	+ 0 25.2	1.618	2.568	8.8	19.9
4 11	14 5.36	+ 2 3.0	1.601	2.581	6.0	19.8
4 21	13 57.48	+ 3 30.6	1.611	2.593	5.9	19.8
5 1	13 49.76	+ 4 40.3	1.647	2.606	8.5	19.9
5 11	13 43.16	+ 5 27.1	1.708	2.619	11.8	20.2
5 21	13 38.32	+ 5 49.8	1.790	2.632	14.9	20.4
5 31	13 35.67	+ 5 49.2	1.890	2.644	17.4	20.6

90080 2002 VW_{107} 4 21.4 356°.90 0°.9/20.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 20.03	− 9 47.3	2.054	2.929	11.1	19.5
4 1	14 13.94	− 9 39.4	1.984	2.929	7.8	19.3
4 11	14 6.20	− 9 26.8	1.941	2.929	4.0	19.0
4 21	13 57.52	− 9 12.2	1.924	2.929	0.9	18.8
5 1	13 48.80	− 8 59.1	1.937	2.929	4.3	19.1
5 11	13 40.95	− 8 50.9	1.977	2.929	8.0	19.3
5 21	13 34.66	− 8 50.5	2.041	2.929	11.4	19.5
5 31	13 30.40	− 8 59.8	2.127	2.929	14.3	19.7

233159 2005 UD_{387} 4 21.4 297°.72 1°.4/22.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.32	−17 2.8	1.293	2.172	16.1	20.3
4 1	14 15.68	−16 40.8	1.226	2.169	11.6	20.0
4 11	14 7.40	−16 1.2	1.179	2.165	6.5	19.7
4 21	13 57.56	−15 7.8	1.157	2.162	1.5	19.4
5 1	13 47.61	−14 7.4	1.161	2.158	5.2	19.6
5 11	13 39.01	−13 8.9	1.188	2.155	10.5	19.9
5 21	13 32.84	−12 20.4	1.238	2.152	15.3	20.2
5 31	13 29.73	−11 47.6	1.306	2.149	19.4	20.4

85290 1994 PZ_{32} 4 21.4 338°.97 6°.3/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 18.05	−26 41.5	1.432	2.279	16.7	18.6
4 1	14 13.49	−27 12.4	1.353	2.266	13.3	18.3
4 11	14 6.34	−27 20.5	1.294	2.254	9.6	18.1
4 21	13 57.53	−27 4.4	1.258	2.243	6.8	17.9
5 1	13 48.40	−26 26.0	1.246	2.233	6.9	17.8
5 11	13 40.41	−25 32.2	1.257	2.224	10.1	18.0
5 21	13 34.71	−24 32.0	1.291	2.216	14.0	18.2
5 31	13 32.03	−23 34.6	1.344	2.209	17.7	18.4

22350 1992 US 4 21.4 164°.86 0°.8/20.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 23.61	−10 58.5	2.057	2.924	11.5	18.9
4 1	14 16.39	−10 37.2	1.990	2.931	8.0	18.7
4 11	14 7.44	−10 9.5	1.949	2.937	4.1	18.5
4 21	13 57.57	− 9 38.5	1.937	2.942	0.8	18.2
5 1	13 47.72	− 9 8.5	1.954	2.946	4.3	18.5
5 11	13 38.83	− 8 43.6	2.000	2.949	8.2	18.7
5 21	13 31.63	− 8 27.4	2.071	2.952	11.6	18.9
5 31	13 26.57	− 8 22.0	2.164	2.953	14.4	19.1

497423 2005 WV_{186} 4 21.4 220°.64 1°.0/22.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 20.48	−16 31.3	1.966	2.827	12.2	22.2
4 1	14 14.42	−16 13.0	1.887	2.822	8.8	21.9
4 11	14 6.52	−15 43.1	1.832	2.816	4.9	21.7
4 21	13 57.54	−15 3.9	1.805	2.809	1.2	21.4
5 1	13 48.46	−14 19.8	1.806	2.802	3.9	21.6
5 11	13 40.27	−13 36.2	1.835	2.795	8.0	21.8
5 21	13 33.75	−12 58.4	1.889	2.788	11.7	22.0
5 31	13 29.43	−12 30.3	1.964	2.780	14.8	22.2

498451 2008 BQ_{26} 4 21.4 124°.26 3°.0/17.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 16.58	− 3 25.5	2.582	3.461	9.0	22.5
4 1	14 11.17	− 2 32.2	2.529	3.474	6.3	22.3
4 11	14 4.61	− 1 38.6	2.503	3.486	3.8	22.2
4 21	13 57.47	− 0 49.0	2.506	3.498	3.2	22.1
5 1	13 50.42	− 0 7.4	2.539	3.509	5.2	22.3
5 11	13 44.07	+ 0 22.9	2.599	3.521	7.8	22.5
5 21	13 38.93	+ 0 40.3	2.684	3.532	10.3	22.6
5 31	13 35.33	+ 0 44.2	2.790	3.542	12.4	22.8

429528 2011 BO_{81} 4 21.4 108°.11 3°.4/24.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.29	−23 47.0	1.901	2.738	13.6	21.4
4 1	14 14.91	−23 31.8	1.839	2.754	10.2	21.2
4 11	14 6.71	−22 58.8	1.801	2.769	6.6	21.0
4 21	13 57.55	−22 9.9	1.790	2.784	3.7	20.8
5 1	13 48.51	−21 9.6	1.806	2.799	4.4	20.9
5 11	13 40.58	−20 4.7	1.850	2.813	7.6	21.1
5 21	13 34.50	−19 1.9	1.919	2.826	11.0	21.4
5 31	13 30.72	−18 7.1	2.010	2.840	14.0	21.6

406581 2008 AA_{79} 4 21.4 169°.90 3°.1/18.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 20.57	− 6 10.2	1.795	2.679	12.0	21.3
4 1	14 14.42	− 5 11.7	1.734	2.682	8.4	21.1
4 11	14 6.47	− 4 9.3	1.698	2.685	4.7	20.9
4 21	13 57.55	− 3 9.1	1.689	2.687	3.2	20.8
5 1	13 48.66	− 2 17.4	1.708	2.688	6.3	21.0
5 11	13 40.80	− 1 39.4	1.754	2.689	10.0	21.2
5 21	13 34.70	− 1 18.2	1.823	2.690	13.5	21.4
5 31	13 30.84	− 1 14.8	1.911	2.690	16.5	21.6

204140 2003 YE_{56} 4 21.4 80°.36 1°.6/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 17.99	− 9 17.6	1.982	2.862	11.2	20.0
4 1	14 12.52	− 8 39.6	1.918	2.865	7.8	19.8
4 11	14 5.46	− 7 56.1	1.879	2.868	4.0	19.5
4 21	13 57.52	− 7 11.4	1.867	2.870	1.6	19.4
5 1	13 49.60	− 6 30.4	1.884	2.873	4.8	19.6
5 11	13 42.57	− 5 57.9	1.928	2.875	8.5	19.8
5 21	13 37.09	− 5 37.0	1.996	2.878	11.9	20.0
5 31	13 33.62	− 5 29.7	2.084	2.881	14.7	20.2

372591 2009 UP_{126} 4 21.4 250°.66 1°.7/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 23.75	−17 32.8	2.179	3.028	11.7	21.5
4 1	14 16.77	−17 37.8	2.079	3.006	8.6	21.3
4 11	14 7.83	−17 32.2	2.005	2.984	5.0	21.0
4 21	13 57.62	−17 16.9	1.959	2.961	1.8	20.7
5 1	13 47.09	−16 54.2	1.942	2.937	3.9	20.8
5 11	13 37.25	−16 28.4	1.954	2.912	7.7	21.0
5 21	13 28.96	−16 4.0	1.992	2.887	11.3	21.2
5 31	13 22.86	−15 45.4	2.053	2.861	14.5	21.4

85250 1993 RQ_{16} 4 21.4 250°.42 2°.3/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 18.90	−21 7.0	2.800	3.634	9.8	20.8
4 1	14 13.01	−21 10.3	2.702	3.617	7.4	20.6
4 11	14 5.70	−21 3.1	2.630	3.600	4.7	20.4
4 21	13 57.54	−20 46.1	2.586	3.583	2.5	20.2
5 1	13 49.21	−20 21.3	2.572	3.565	3.3	20.2
5 11	13 41.44	−19 51.9	2.588	3.547	6.0	20.4
5 21	13 34.84	−19 21.7	2.630	3.528	8.8	20.5
5 31	13 29.87	−18 54.4	2.696	3.509	11.3	20.7

242210 2003 QT_{78} 4 21.4 247°.15 2°.1/23.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 22.06	−19 32.7	1.804	2.658	13.5	20.3
4 1	14 15.82	−19 15.5	1.713	2.642	9.9	20.0
4 11	14 7.40	−18 42.4	1.647	2.625	5.9	19.7
4 21	13 57.61	−17 55.1	1.606	2.608	2.3	19.5
5 1	13 47.56	−16 57.9	1.594	2.590	4.3	19.6
5 11	13 38.43	−15 57.6	1.609	2.571	8.6	19.8
5 21	13 31.15	−15 1.2	1.648	2.552	12.8	20.0
5 31	13 26.37	−14 14.8	1.709	2.532	16.4	20.2

310046 2010 HP_{32} 4 21.4 216°.31 0°.7/20.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 16.58	−11 18.0	2.674	3.542	9.1	21.6
4 1	14 11.28	−10 45.6	2.595	3.537	6.3	21.4
4 11	14 4.74	−10 7.6	2.543	3.531	3.2	21.2
4 21	13 57.51	− 9 26.7	2.520	3.525	0.7	21.0
5 1	13 50.24	− 8 46.6	2.527	3.518	3.5	21.2
5 11	13 43.58	− 8 11.0	2.562	3.511	6.6	21.4
5 21	13 38.07	− 7 42.9	2.624	3.504	9.5	21.5
5 31	13 34.12	− 7 24.6	2.708	3.497	11.9	21.7

205693 2001 YT_{126} 4 21.4 193°.27 4°.6/24.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 23.85	−25 11.6	1.712	2.546	15.0	20.6
4 1	14 17.12	−25 14.7	1.635	2.545	11.6	20.4
4 11	14 8.07	−24 57.2	1.580	2.543	7.9	20.2
4 21	13 57.64	−24 19.3	1.550	2.541	4.9	20.0
5 1	13 47.08	−23 24.7	1.548	2.538	5.4	20.0
5 11	13 37.68	−22 20.5	1.572	2.534	8.8	20.2
5 21	13 30.39	−21 14.7	1.621	2.530	12.6	20.4
5 31	13 25.83	−20 15.2	1.691	2.526	16.0	20.6

69926 1998 TZ_{31} 4 21.4 170°.68 1°.6/23.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 18.86	−19 8.6	2.508	3.354	10.4	20.4
4 1	14 12.94	−18 47.4	2.433	3.358	7.6	20.2
4 11	14 5.62	−18 15.1	2.383	3.360	4.5	20.0
4 21	13 57.55	−17 33.7	2.361	3.363	1.7	19.8
5 1	13 49.47	−16 46.7	2.370	3.365	3.2	19.9
5 11	13 42.13	−15 58.6	2.407	3.366	6.3	20.1
5 21	13 36.13	−15 13.7	2.470	3.367	9.3	20.3
5 31	13 31.88	−14 35.9	2.557	3.368	11.9	20.5

346109 2007 VC_{88} 4 21.4 169°.77 2°.3/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 18.49	−21 28.0	2.464	3.303	10.8	21.2
4 1	14 12.73	−21 15.1	2.387	3.305	8.1	21.1
4 11	14 5.53	−20 49.6	2.336	3.307	5.0	20.9
4 21	13 57.54	−20 13.0	2.312	3.309	2.5	20.7
5 1	13 49.53	−19 28.6	2.317	3.311	3.4	20.8
5 11	13 42.27	−18 40.9	2.351	3.312	6.4	20.9
5 21	13 36.37	−17 54.5	2.411	3.313	9.3	21.1
5 31	13 32.27	−17 13.7	2.495	3.313	11.9	21.3

103569 2000 BD_{45} 4 21.4 165°.79 1°.7/19.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 20.87	− 9 25.3	1.989	2.865	11.4	20.9
4 1	14 14.52	− 8 39.3	1.925	2.870	7.9	20.7
4 11	14 6.50	− 7 47.1	1.886	2.874	4.1	20.4
4 21	13 57.58	− 6 53.6	1.875	2.878	1.7	20.3
5 1	13 48.70	− 6 4.0	1.894	2.881	4.9	20.5
5 11	13 40.77	− 5 23.4	1.939	2.884	8.7	20.7
5 21	13 34.48	− 4 55.4	2.010	2.885	12.1	20.9
5 31	13 30.27	− 4 41.9	2.101	2.887	15.0	21.1

141216 2001 XC_{220} 4 21.4 265°.56 1°.6/20.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.22	− 7 45.6	2.235	3.111	10.3	20.2
4 1	14 13.34	− 7 29.8	2.158	3.103	7.2	20.0
4 11	14 5.90	− 7 10.8	2.106	3.094	3.8	19.7
4 21	13 57.56	− 6 51.6	2.083	3.085	1.6	19.5
5 1	13 49.13	− 6 35.8	2.089	3.076	4.5	19.7
5 11	13 41.45	− 6 26.5	2.122	3.068	8.0	19.9
5 21	13 35.16	− 6 26.4	2.180	3.059	11.2	20.1
5 31	13 30.75	− 6 36.8	2.260	3.050	13.9	20.3

472429 2015 BD_{296} 4 21.4 78°.52 2°.7/18.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.03	− 8 11.6	1.804	2.688	12.0	21.3
4 1	14 13.13	− 6 50.6	1.766	2.715	8.2	21.1
4 11	14 5.68	− 5 25.1	1.753	2.741	4.4	20.9
4 21	13 57.55	− 4 2.3	1.769	2.768	2.8	20.8
5 1	13 49.67	− 2 49.0	1.812	2.794	5.8	21.1
5 11	13 42.91	− 1 50.9	1.883	2.819	9.4	21.3
5 21	13 37.87	− 1 10.8	1.977	2.845	12.6	21.6
5 31	13 34.90	− 0 49.5	2.091	2.870	15.2	21.8

513012 2017 UV_{47} 4 21.4 290°.04 7°.9/15.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 22.52	+ 9 15.1	1.844	2.718	12.3	20.9
4 1	14 15.89	+ 9 54.4	1.777	2.703	9.8	20.7
4 11	14 7.31	+10 22.4	1.733	2.687	8.1	20.6
4 21	13 57.62	+10 32.8	1.715	2.672	8.2	20.6
5 1	13 47.84	+10 21.0	1.723	2.656	10.2	20.7
5 11	13 39.01	+ 9 45.6	1.756	2.641	13.0	20.8
5 21	13 31.96	+ 8 48.0	1.810	2.626	15.8	20.9
5 31	13 27.22	+ 7 31.1	1.883	2.611	18.3	21.1

99609 2002 GQ_{57} 4 21.4 325°.07 4°.1/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 17.85	−24 51.8	1.689	2.534	14.7	19.0
4 1	14 12.91	−24 36.8	1.610	2.527	11.3	18.7
4 11	14 5.86	−24 0.5	1.553	2.521	7.6	18.5
4 21	13 57.56	−23 4.4	1.521	2.514	4.5	18.3
5 1	13 49.16	−21 52.9	1.516	2.509	5.0	18.3
5 11	13 41.79	−20 34.1	1.536	2.503	8.5	18.5
5 21	13 36.36	−19 16.3	1.580	2.498	12.3	18.7
5 31	13 33.42	−18 7.1	1.646	2.493	15.8	18.9

315330 2007 TC_{381} 4 21.4 138°.87 1°.2/20.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 22.24	−10 51.1	1.785	2.661	12.5	21.5
4 1	14 15.57	−10 9.1	1.727	2.672	8.7	21.3
4 11	14 7.07	− 9 19.3	1.694	2.683	4.5	21.1
4 21	13 57.61	− 8 26.8	1.689	2.693	1.3	20.9
5 1	13 48.26	− 7 37.3	1.712	2.702	4.9	21.1
5 11	13 40.02	− 6 56.3	1.762	2.711	9.1	21.4
5 21	13 33.63	− 6 27.8	1.836	2.719	12.7	21.6
5 31	13 29.55	− 6 14.0	1.930	2.727	15.7	21.9

522655 2016 GM_{263} 4 21.4 247°.17 7°.4/14.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 19.88	+ 7 41.7	1.975	2.853	11.4	21.5
4 1	14 13.91	+ 8 50.5	1.912	2.842	9.0	21.3
4 11	14 6.23	+ 9 51.0	1.874	2.830	7.5	21.2
4 21	13 57.58	+10 36.5	1.863	2.818	7.8	21.2
5 1	13 48.88	+11 1.6	1.878	2.805	9.8	21.2
5 11	13 41.06	+11 3.3	1.917	2.793	12.5	21.4
5 21	13 34.82	+10 41.9	1.977	2.780	15.1	21.5
5 31	13 30.67	+ 9 59.5	2.055	2.766	17.4	21.7

1553 Bauersfelda 4 21.4 67°.47 1°.8/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 18.28	− 8 48.9	1.908	2.790	11.5	15.9
4 1	14 12.73	− 8 10.6	1.852	2.800	7.9	15.7
4 11	14 5.56	− 7 27.3	1.821	2.810	4.1	15.5
4 21	13 57.57	− 6 43.6	1.817	2.820	1.8	15.4
5 1	13 49.65	− 6 4.5	1.842	2.830	5.0	15.6
5 11	13 42.69	− 5 34.6	1.893	2.840	8.7	15.8
5 21	13 37.36	− 5 17.0	1.967	2.850	12.0	16.1
5 31	13 34.06	− 5 13.1	2.063	2.860	14.8	16.3

386942 2011 QT_{17} 4 21.4 216°.00 2°.9/24.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 18.67	−22 16.6	2.308	3.146	11.5	21.1
4 1	14 13.00	−22 14.5	2.228	3.144	8.6	20.9
4 11	14 5.75	−21 58.9	2.173	3.142	5.6	20.7
4 21	13 57.58	−21 30.8	2.144	3.140	3.1	20.6
5 1	13 49.34	−20 53.2	2.145	3.137	3.8	20.6
5 11	13 41.88	−20 10.6	2.173	3.135	6.8	20.8
5 21	13 35.86	−19 27.9	2.227	3.132	9.8	21.0
5 31	13 31.77	−18 49.9	2.304	3.129	12.6	21.1

23133 Rishinbehl 4 21.4 253°.04 4°.5/17.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 20.46	− 3 4.2	1.681	2.570	12.4	18.7
4 1	14 14.61	− 2 0.8	1.608	2.557	8.9	18.5
4 11	14 6.72	− 0 55.3	1.560	2.543	5.5	18.2
4 21	13 57.63	+ 0 5.4	1.538	2.530	4.7	18.2
5 1	13 48.40	+ 0 54.1	1.543	2.516	7.7	18.3
5 11	13 40.15	+ 1 25.3	1.574	2.501	11.6	18.5
5 21	13 33.71	+ 1 36.0	1.626	2.486	15.2	18.7
5 31	13 29.68	+ 1 26.0	1.697	2.471	18.4	18.9

420265 2011 KG_{17} 4 21.4 279°.61 6°.4/ 4.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 16.42	−49 20.1	4.622	5.242	9.1	20.4
4 1	14 11.12	−49 45.3	4.526	5.236	8.3	20.3
4 11	14 4.67	−49 55.5	4.449	5.230	7.5	20.3
4 21	13 57.55	−49 49.7	4.395	5.224	6.8	20.2
5 1	13 50.34	−49 28.0	4.365	5.218	6.4	20.2
5 11	13 43.63	−48 52.1	4.360	5.212	6.5	20.2
5 21	13 37.93	−48 4.5	4.379	5.207	7.0	20.2
5 31	13 33.62	−47 8.9	4.421	5.201	7.7	20.3

504356 2007 TX_{428} 4 21.4 239°.44 0°.4/21.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 18.48	−14 52.2	2.168	3.033	11.1	22.1
4 1	14 12.89	−14 30.4	2.089	3.027	7.9	21.9
4 11	14 5.70	−13 59.3	2.036	3.021	4.2	21.6
4 21	13 57.59	−13 21.4	2.010	3.015	0.5	21.3
5 1	13 49.41	−12 40.8	2.013	3.009	3.7	21.6
5 11	13 42.00	−12 2.3	2.044	3.002	7.4	21.8
5 21	13 36.06	−11 30.0	2.100	2.995	10.8	22.0
5 31	13 32.05	−11 7.4	2.178	2.988	13.7	22.2

171792 2001 CM_{33} 4 21.4 41°.20 1°.2/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 26.94	−12 53.8	1.193	2.076	16.8	19.5
4 1	14 19.56	−13 36.1	1.146	2.091	11.9	19.2
4 11	14 9.40	−14 8.9	1.120	2.107	6.5	19.0
4 21	13 57.74	−14 32.9	1.119	2.124	1.3	18.7
5 1	13 46.23	−14 50.5	1.144	2.141	5.4	19.0
5 11	13 36.44	−15 6.0	1.193	2.159	10.6	19.3
5 21	13 29.43	−15 23.7	1.264	2.177	15.1	19.6
5 31	13 25.73	−15 47.5	1.353	2.195	18.9	19.9

255903 2006 SS_{315} 4 21.4 138°.28 2°.4/19.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.99	− 8 24.4	1.899	2.779	11.7	21.5
4 1	14 13.90	− 7 17.8	1.843	2.790	8.0	21.3
4 11	14 6.18	− 6 5.6	1.812	2.800	4.3	21.1
4 21	13 57.61	− 4 53.8	1.810	2.810	2.5	21.0
5 1	13 49.15	− 3 48.7	1.836	2.819	5.5	21.2
5 11	13 41.71	− 2 56.1	1.889	2.828	9.2	21.5
5 21	13 35.93	− 2 19.5	1.966	2.836	12.6	21.7
5 31	13 32.26	− 2 0.2	2.064	2.843	15.4	21.9

209581 2004 XU_{102} 4 21.4 149°.00 2°.9/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 24.64	−21 0.0	1.774	2.621	14.0	21.0
4 1	14 17.46	−20 59.3	1.707	2.629	10.4	20.8
4 11	14 8.16	−20 42.4	1.664	2.638	6.5	20.6
4 21	13 57.69	−20 10.8	1.647	2.645	3.2	20.4
5 1	13 47.23	−19 28.4	1.658	2.652	4.5	20.5
5 11	13 37.95	−18 41.5	1.697	2.659	8.3	20.7
5 21	13 30.69	−17 56.5	1.760	2.664	12.1	21.0
5 31	13 25.99	−17 19.0	1.845	2.669	15.3	21.2

382771 2003 SL_{37} 4 21.4 199°.76 1°.9/23.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 18.74	−20 52.8	2.530	3.369	10.6	21.9
4 1	14 12.91	−20 25.2	2.446	3.366	7.8	21.7
4 11	14 5.65	−19 44.9	2.387	3.361	4.8	21.5
4 21	13 57.59	−18 53.8	2.357	3.356	2.1	21.3
5 1	13 49.49	−17 55.5	2.356	3.351	3.3	21.4
5 11	13 42.11	−16 55.0	2.384	3.345	6.4	21.6
5 21	13 36.04	−15 57.3	2.440	3.338	9.4	21.8
5 31	13 31.74	−15 6.6	2.518	3.331	12.0	21.9

109678 2001 RW_{25} 4 21.4 95°.57 0°.8/20.7 18

3 22	14 22.43	−11 41.5	1.966	2.836	11.8	20.3
4 1	14 15.42	−11 1.9	1.924	2.866	8.2	20.1
4 11	14 6.88	−10 15.4	1.907	2.895	4.1	19.9
4 21	13 57.64	− 9 26.3	1.919	2.923	0.8	19.7
5 1	13 48.66	− 8 39.7	1.960	2.951	4.3	20.0
5 11	13 40.81	− 8 0.4	2.029	2.978	8.0	20.3
5 21	13 34.69	− 7 31.8	2.122	3.004	11.3	20.5
5 31	13 30.67	− 7 15.9	2.238	3.030	14.0	20.8

139272 2001 HO_{63} 4 21.4 287°.42 3°.3/23.9 17

3 22	14 19.72	−22 7.4	1.577	2.433	15.0	19.6
4 1	14 14.43	−21 53.9	1.491	2.418	11.3	19.3
4 11	14 6.78	−21 20.4	1.427	2.402	7.2	19.0
4 21	13 57.65	−20 28.0	1.388	2.387	3.6	18.7
5 1	13 48.25	−19 21.6	1.376	2.371	4.9	18.8
5 11	13 39.88	−18 9.1	1.389	2.356	9.2	19.0
5 21	13 33.57	−16 59.2	1.425	2.341	13.6	19.2
5 31	13 30.00	−15 59.6	1.482	2.325	17.4	19.4

328300 2008 GR_{137} 4 21.4 39°.73 4°.0/18.2 17

3 22	14 17.65	− 5 54.3	1.435	2.333	13.6	20.3
4 1	14 12.65	− 4 35.7	1.386	2.340	9.4	20.1
4 11	14 5.65	− 3 13.0	1.360	2.348	5.4	19.9
4 21	13 57.60	− 1 54.6	1.360	2.356	4.2	19.8
5 1	13 49.67	− 0 49.0	1.386	2.365	7.5	20.0
5 11	13 42.96	− 0 2.8	1.435	2.374	11.6	20.3
5 21	13 38.25	+ 0 21.2	1.507	2.383	15.4	20.5
5 31	13 35.99	+ 0 22.7	1.596	2.392	18.5	20.8

139590 2001 QJ_{113} 4 21.4 34°.02 4°.0/25.3 18

3 22	14 17.79	−25 58.3	2.057	2.886	13.0	19.1
4 1	14 12.54	−25 46.8	1.982	2.889	10.1	18.9
4 11	14 5.55	−25 16.8	1.930	2.891	6.9	18.7
4 21	13 57.60	−24 29.9	1.904	2.893	4.4	18.6
5 1	13 49.63	−23 29.6	1.906	2.896	4.6	18.6
5 11	13 42.58	−22 22.1	1.935	2.898	7.3	18.8
5 21	13 37.17	−21 14.1	1.989	2.901	10.5	19.0
5 31	13 33.87	−20 11.7	2.066	2.904	13.4	19.2

429217 2009 WW_{263} 4 21.4 72°.72 7°.3/15.7 18

3 22	14 21.39	+ 7 4.2	1.780	2.660	12.3	20.4
4 1	14 14.77	+ 8 2.7	1.752	2.685	9.5	20.3
4 11	14 6.55	+ 8 50.3	1.749	2.709	7.6	20.2
4 21	13 57.64	+ 9 21.0	1.771	2.733	7.6	20.3
5 1	13 49.03	+ 9 30.6	1.820	2.756	9.5	20.4
5 11	13 41.61	+ 9 18.2	1.893	2.780	12.1	20.6
5 21	13 36.00	+ 8 45.3	1.988	2.804	14.6	20.8
5 31	13 32.56	+ 7 54.8	2.100	2.827	16.7	21.1

504661 2009 AS_{35} 4 21.4 164°.22 2°.6/23.9 17

3 22	14 19.04	−21 42.7	2.285	3.125	11.5	21.9
4 1	14 13.23	−21 32.9	2.209	3.127	8.6	21.7
4 11	14 5.86	−21 9.4	2.158	3.129	5.4	21.5
4 21	13 57.62	−20 34.0	2.134	3.131	2.8	21.3
5 1	13 49.35	−19 49.8	2.140	3.133	3.7	21.4
5 11	13 41.90	−19 1.7	2.173	3.135	6.8	21.6
5 21	13 35.91	−18 14.9	2.232	3.136	9.9	21.8
5 31	13 31.86	−17 33.9	2.314	3.137	12.6	22.0

79494 1998 FC_{90} 4 21.4 71°.97 0°.1/21.5 18

3 22	14 20.21	−12 41.2	2.130	2.998	11.1	19.0
4 1	14 14.03	−12 40.5	2.065	3.005	7.8	18.8
4 11	14 6.27	−12 33.0	2.026	3.012	4.1	18.6
4 21	13 57.64	−12 21.1	2.014	3.019	0.2	18.3
5 1	13 49.02	−12 7.7	2.032	3.026	3.7	18.6
5 11	13 41.28	−11 56.5	2.077	3.033	7.4	18.8
5 21	13 35.06	−11 50.4	2.147	3.041	10.7	19.0
5 31	13 30.83	−11 52.1	2.240	3.048	13.5	19.2

149504 2003 FQ_{46} 4 21.4 308°.67 0°.7/20.7 17

3 22	14 16.52	−11 40.8	2.103	2.980	10.9	20.2
4 1	14 11.56	−11 8.6	2.025	2.970	7.6	19.9
4 11	14 5.03	−10 28.8	1.972	2.961	3.9	19.7
4 21	13 57.60	− 9 45.1	1.947	2.951	0.7	19.4
5 1	13 50.07	− 9 2.0	1.949	2.942	4.2	19.7
5 11	13 43.31	− 8 24.4	1.979	2.933	7.9	19.9
5 21	13 37.96	− 7 56.2	2.034	2.924	11.3	20.1
5 31	13 34.53	− 7 40.1	2.109	2.915	14.3	20.3

464716 2002 RM_{148} 4 21.4 192°.30 1°.3/20.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 20.39	−10 45.8	2.104	2.976	11.1	22.1
4 1	14 14.20	− 9 55.1	2.031	2.975	7.7	21.9
4 11	14 6.38	− 8 56.9	1.984	2.972	4.0	21.6
4 21	13 57.66	− 7 55.6	1.966	2.969	1.3	21.4
5 1	13 48.92	− 6 56.7	1.977	2.965	4.6	21.6
5 11	13 41.04	− 6 5.7	2.016	2.961	8.3	21.9
5 21	13 34.69	− 5 26.4	2.080	2.956	11.7	22.1
5 31	13 30.35	− 5 1.6	2.165	2.950	14.6	22.2

7498 Blaník 4 21.4 218°.18 8°.8/30.8 18

3 22	14 22.53	−41 53.8	2.518	3.234	14.0	17.5
4 1	14 16.03	−42 41.7	2.434	3.233	12.3	17.3
4 11	14 7.50	−43 7.3	2.370	3.231	10.6	17.2
4 21	13 57.71	−43 7.8	2.329	3.230	9.3	17.1
5 1	13 47.70	−42 43.2	2.313	3.229	8.8	17.1
5 11	13 38.58	−41 56.7	2.321	3.228	9.3	17.1
5 21	13 31.23	−40 54.3	2.354	3.226	10.7	17.2
5 31	13 26.25	−39 43.1	2.410	3.225	12.4	17.3

509066 2005 TQ_{116} 4 21.4 218°.63 0°.5/20.8 17

3 22	14 15.73	−12 55.9	2.532	3.400	9.6	22.4
4 1	14 10.77	−12 9.2	2.455	3.396	6.7	22.2
4 11	14 4.53	−11 14.8	2.405	3.392	3.4	22.0
4 21	13 57.59	−10 16.3	2.383	3.388	0.5	21.7
5 1	13 50.63	− 9 17.9	2.391	3.383	3.5	22.0
5 11	13 44.32	− 8 24.4	2.428	3.379	6.8	22.2
5 21	13 39.22	− 7 39.4	2.490	3.374	9.8	22.4
5 31	13 35.71	− 7 5.8	2.575	3.369	12.3	22.5

236743 Zhejiangdaxue 4 21.4 337°.91 0°.9/20.9 14 C

3 22	14 19.37	−11 12.3	1.026	1.930	17.2	20.1
4 1	14 14.83	−11 2.5	0.962	1.918	12.2	19.8
4 11	14 7.23	−10 41.8	0.916	1.908	6.4	19.4
4 21	13 57.70	−10 14.8	0.893	1.898	0.9	19.0
5 1	13 47.88	− 9 48.7	0.893	1.889	6.5	19.3
5 11	13 39.53	− 9 31.2	0.914	1.882	12.6	19.6
5 21	13 33.93	− 9 28.1	0.954	1.876	18.0	19.9
5 31	13 31.83	− 9 42.7	1.010	1.871	22.5	20.2

152053 2004 PN_{44} 4 21.4 18°.33 9°.5/28.8 17

3 22	14 21.33	−35 19.0	1.516	2.314	18.3	19.3
4 1	14 15.82	−36 5.0	1.448	2.317	15.5	19.1
4 11	14 7.59	−36 21.5	1.399	2.321	12.5	18.9
4 21	13 57.72	−36 5.4	1.372	2.326	10.2	18.8
5 1	13 47.71	−35 17.9	1.368	2.331	9.6	18.7
5 11	13 39.09	−34 6.3	1.388	2.336	11.1	18.8
5 21	13 32.98	−32 40.9	1.429	2.342	13.7	19.0
5 31	13 30.02	−31 13.1	1.491	2.349	16.6	19.2

72326 2001 BL_{56} 4 21.4 213°.23 1°.1/20.5 16

3 22	14 22.24	−10 49.2	2.011	2.881	11.6	20.1
4 1	14 15.64	−10 14.2	1.931	2.873	8.1	19.9
4 11	14 7.21	− 9 31.8	1.877	2.864	4.2	19.6
4 21	13 57.72	− 8 45.6	1.851	2.855	1.1	19.4
5 1	13 48.11	− 8 0.8	1.854	2.845	4.6	19.6
5 11	13 39.38	− 7 22.4	1.885	2.833	8.6	19.8
5 21	13 32.28	− 6 54.6	1.941	2.821	12.3	20.0
5 31	13 27.34	− 6 40.0	2.019	2.809	15.3	20.2

182001 1999 WQ_{23} 4 21.4 23°.39 0°.3/21.6 17

3 22	14 19.59	−14 48.7	1.347	2.232	15.2	20.7
4 1	14 14.29	−14 20.5	1.288	2.235	10.8	20.5
4 11	14 6.64	−13 38.2	1.251	2.239	5.7	20.2
4 21	13 57.69	−12 46.7	1.238	2.243	0.5	19.8
5 1	13 48.75	−11 52.7	1.251	2.247	5.1	20.2
5 11	13 41.12	−11 4.3	1.288	2.252	10.1	20.5
5 21	13 35.74	−10 27.6	1.347	2.258	14.6	20.7
5 31	13 33.15	−10 6.8	1.426	2.263	18.3	21.0

358474 2007 PA_{12} 4 21.4 278°.12 5°.5/17.5 17

3 22	14 21.28	− 1 54.6	1.437	2.331	13.8	20.9
4 1	14 15.55	− 0 48.8	1.361	2.311	10.0	20.6
4 11	14 7.40	+ 0 18.7	1.309	2.292	6.4	20.4
4 21	13 57.73	+ 1 19.6	1.281	2.271	5.8	20.3
5 1	13 47.78	+ 2 5.4	1.280	2.251	9.0	20.4
5 11	13 38.90	+ 2 29.6	1.302	2.231	13.4	20.6
5 21	13 32.12	+ 2 29.5	1.345	2.210	17.5	20.8
5 31	13 28.12	+ 2 5.1	1.404	2.190	21.1	21.0

56208 1999 GY_{35} 4 21.4 264°.66 3°.0/23.9 18 R

3 22	14 19.95	−21 36.4	2.222	3.063	11.8	18.6
4 1	14 14.03	−21 47.0	2.138	3.055	8.9	18.4
4 11	14 6.38	−21 44.7	2.078	3.048	5.7	18.2
4 21	13 57.70	−21 30.0	2.045	3.040	3.2	18.0
5 1	13 48.86	−21 5.3	2.040	3.033	4.0	18.0
5 11	13 40.79	−20 34.8	2.063	3.025	7.1	18.2
5 21	13 34.22	−20 3.2	2.112	3.017	10.3	18.4
5 31	13 29.70	−19 35.2	2.184	3.009	13.2	18.6

252896 2002 JG_{104} 4 21.4 334°.44 0°.5/21.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 14.92	−14 5.8	1.095	1.997	16.5	19.9
4 1	14 11.57	−13 20.5	1.024	1.980	11.7	19.5
4 11	14 5.49	−12 16.7	0.972	1.963	6.2	19.2
4 21	13 57.67	−11 0.8	0.943	1.948	0.5	18.7
5 1	13 49.56	− 9 42.5	0.937	1.934	6.2	19.1
5 11	13 42.74	− 8 33.2	0.953	1.921	12.2	19.3
5 21	13 38.38	− 7 41.9	0.988	1.910	17.5	19.6
5 31	13 37.22	− 7 14.1	1.040	1.900	22.0	19.8

420409 2012 DD_{6} 4 21.4 130°.86 8°.5/15.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 22.93	+ 8 35.6	1.612	2.492	13.4	20.4
4 1	14 16.24	+ 9 28.1	1.561	2.492	10.6	20.2
4 11	14 7.53	+10 8.3	1.535	2.492	8.7	20.1
4 21	13 57.75	+10 29.1	1.533	2.492	8.8	20.1
5 1	13 48.06	+10 25.6	1.557	2.492	10.9	20.2
5 11	13 39.57	+ 9 56.4	1.604	2.493	13.8	20.4
5 21	13 33.09	+ 9 3.5	1.672	2.493	16.7	20.6
5 31	13 29.10	+ 7 50.5	1.757	2.493	19.2	20.8

75148 1999 VN_{95} 4 21.4 279°.66 0°.6/21.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.60	−12 1.1	1.547	2.427	13.8	19.7
4 1	14 15.75	−11 39.0	1.463	2.409	9.8	19.4
4 11	14 7.52	−11 6.6	1.402	2.390	5.1	19.1
4 21	13 57.76	−10 27.9	1.367	2.371	0.6	18.7
5 1	13 47.69	− 9 48.4	1.358	2.352	5.3	19.0
5 11	13 38.60	− 9 14.5	1.375	2.333	10.3	19.2
5 21	13 31.53	− 8 51.8	1.415	2.314	14.8	19.4
5 31	13 27.19	− 8 44.0	1.474	2.295	18.6	19.6

36826 2000 SS_{88} 4 21.4 40°.87 4°.8/18.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.86	− 3 1.4	1.306	2.206	14.5	17.8
4 1	14 14.13	− 2 6.9	1.277	2.231	10.1	17.6
4 11	14 6.37	− 1 14.1	1.270	2.256	6.1	17.5
4 21	13 57.70	− 0 30.5	1.288	2.282	5.0	17.5
5 1	13 49.39	− 0 2.4	1.331	2.309	8.0	17.7
5 11	13 42.55	+ 0 6.4	1.398	2.336	11.9	18.0
5 21	13 37.90	− 0 4.6	1.486	2.364	15.4	18.3
5 31	13 35.80	− 0 34.1	1.591	2.392	18.4	18.5

507167 2010 CN_{70} 4 21.4 255°.29 5°.3/16.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 18.66	+ 1 9.4	2.001	2.886	10.9	20.9
4 1	14 13.10	+ 2 13.1	1.931	2.874	8.0	20.7
4 11	14 5.87	+ 3 14.6	1.887	2.862	5.7	20.5
4 21	13 57.69	+ 4 7.6	1.870	2.850	5.6	20.5
5 1	13 49.43	+ 4 46.4	1.880	2.837	7.9	20.6
5 11	13 41.99	+ 5 7.0	1.916	2.824	10.9	20.7
5 21	13 36.06	+ 5 8.1	1.974	2.811	13.9	20.9
5 31	13 32.14	+ 4 49.8	2.052	2.797	16.5	21.1

462157 2007 TF_{160} 4 21.4 190°.41 1°.9/22.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 24.46	−18 23.9	2.017	2.865	12.5	22.2
4 1	14 17.24	−18 20.4	1.938	2.864	9.1	21.9
4 11	14 8.08	−18 4.5	1.884	2.862	5.4	21.7
4 21	13 57.78	−17 37.5	1.858	2.860	2.0	21.5
5 1	13 47.39	−17 2.9	1.861	2.856	4.0	21.6
5 11	13 37.94	−16 25.8	1.893	2.852	7.8	21.8
5 21	13 30.24	−15 51.3	1.950	2.847	11.4	22.0
5 31	13 24.86	−15 24.2	2.029	2.841	14.5	22.2

126411 2002 BY_{18} 4 21.4 209°.97 6°.2/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 20.99	+ 6 11.7	2.219	3.092	10.5	19.9
4 1	14 14.54	+ 7 6.2	2.156	3.086	8.1	19.8
4 11	14 6.55	+ 7 53.8	2.119	3.080	6.4	19.7
4 21	13 57.72	+ 8 29.2	2.110	3.072	6.5	19.7
5 1	13 48.88	+ 8 47.8	2.129	3.065	8.4	19.8
5 11	13 40.86	+ 8 47.3	2.173	3.056	10.9	19.9
5 21	13 34.30	+ 8 27.6	2.240	3.048	13.4	20.0
5 31	13 29.65	+ 7 50.3	2.327	3.038	15.6	20.2

377351 2004 RW_{54} 4 21.4 267°.57 3°.0/18.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 18.72	− 6 14.0	1.887	2.772	11.5	21.0
4 1	14 13.30	− 5 15.8	1.806	2.755	8.1	20.7
4 11	14 6.05	− 4 12.6	1.750	2.737	4.5	20.5
4 21	13 57.71	− 3 10.0	1.722	2.720	3.2	20.4
5 1	13 49.20	− 2 14.4	1.721	2.701	6.2	20.5
5 11	13 41.51	− 1 31.7	1.747	2.683	10.0	20.7
5 21	13 35.42	− 1 5.4	1.796	2.665	13.6	20.9
5 31	13 31.48	− 0 57.3	1.865	2.646	16.7	21.1

387354 2012 XY_{20} 4 21.4 284°.61 2°.2/23.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 16.99	−21 20.7	2.115	2.963	12.0	21.0
4 1	14 11.95	−20 51.1	2.034	2.958	8.9	20.8
4 11	14 5.27	−20 6.1	1.978	2.953	5.5	20.6
4 21	13 57.67	−19 8.3	1.949	2.948	2.5	20.4
5 1	13 50.02	−18 2.0	1.948	2.943	3.7	20.4
5 11	13 43.18	−16 53.4	1.974	2.939	7.2	20.6
5 21	13 37.86	−15 48.5	2.026	2.934	10.6	20.8
5 31	13 34.52	−14 52.5	2.101	2.929	13.6	21.0

224249 2005 SD_{185} 4 21.4 150°.46 0°.8/22.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 19.83	−16 25.8	1.788	2.655	12.9	21.2
4 1	14 14.06	−15 55.6	1.720	2.658	9.2	21.0
4 11	14 6.42	−15 12.6	1.675	2.660	5.1	20.8
4 21	13 57.72	−14 20.2	1.658	2.662	1.0	20.5
5 1	13 49.02	−13 23.8	1.668	2.664	4.1	20.7
5 11	13 41.34	−12 30.0	1.705	2.666	8.4	21.0
5 21	13 35.45	−11 44.2	1.766	2.667	12.2	21.2
5 31	13 31.87	−11 10.9	1.848	2.669	15.4	21.4

500912 2013 OL_{5} 4 21.4 230°.74 5°.3/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 23.08	−31 54.6	2.622	3.400	12.0	23.7
4 1	14 16.18	−31 53.4	2.516	3.382	9.8	23.5
4 11	14 7.52	−31 33.4	2.433	3.363	7.5	23.3
4 21	13 57.78	−30 53.8	2.378	3.344	5.6	23.2
5 1	13 47.83	−29 56.4	2.351	3.323	5.4	23.1
5 11	13 38.59	−28 45.6	2.353	3.301	7.2	23.2
5 21	13 30.84	−27 27.6	2.382	3.278	9.7	23.3
5 31	13 25.12	−26 9.1	2.436	3.254	12.2	23.4

145211 2005 JO_{39} 4 21.4 314°.29 0°.1/21.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.26	−13 22.7	1.313	2.202	15.2	20.1
4 1	14 14.45	−13 6.1	1.231	2.180	10.9	19.8
4 11	14 6.98	−12 36.8	1.170	2.159	5.8	19.5
4 21	13 57.76	−11 58.2	1.133	2.138	0.2	19.0
5 1	13 48.12	−11 16.4	1.120	2.117	5.5	19.3
5 11	13 39.56	−10 39.2	1.132	2.097	11.1	19.6
5 21	13 33.26	−10 13.2	1.165	2.078	16.1	19.8
5 31	13 30.01	−10 3.4	1.215	2.059	20.4	20.0

278745 2008 SL_{96} 4 21.4 253°.52 0°.6/20.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 17.08	−14 17.0	1.962	2.835	11.7	20.7
4 1	14 12.05	−13 6.1	1.883	2.826	8.2	20.5
4 11	14 5.34	−11 42.6	1.829	2.817	4.2	20.2
4 21	13 57.68	−10 11.7	1.803	2.808	0.6	19.9
5 1	13 49.97	− 8 40.6	1.807	2.799	4.4	20.2
5 11	13 43.10	− 7 16.5	1.837	2.790	8.5	20.4
5 21	13 37.78	− 6 5.6	1.893	2.780	12.2	20.6
5 31	13 34.51	− 5 11.8	1.970	2.771	15.3	20.8

408543 2013 JH_{60} 4 21.4 29°.03 5°.0/18.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.81	− 2 11.9	1.338	2.234	14.5	20.2
4 1	14 15.77	− 1 27.9	1.285	2.237	10.3	20.0
4 11	14 7.40	− 0 45.2	1.255	2.240	6.3	19.7
4 21	13 57.77	− 0 10.7	1.249	2.243	5.2	19.7
5 1	13 48.19	+ 0 8.8	1.269	2.246	8.4	19.9
5 11	13 39.97	+ 0 9.1	1.312	2.250	12.6	20.1
5 21	13 34.01	− 0 10.8	1.377	2.254	16.5	20.3
5 31	13 30.83	− 0 50.0	1.458	2.258	19.8	20.6

432750 2011 ED_{31} 4 21.4 40°.99 8°.8/14.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.81	+ 9 24.2	1.652	2.535	13.0	20.0
4 1	14 13.99	+10 36.2	1.610	2.539	10.4	19.8
4 11	14 6.33	+11 35.6	1.591	2.543	8.9	19.7
4 21	13 57.72	+12 14.7	1.597	2.547	9.3	19.8
5 1	13 49.24	+12 28.2	1.627	2.552	11.3	19.9
5 11	13 41.90	+12 14.6	1.680	2.556	13.9	20.1
5 21	13 36.42	+11 35.7	1.753	2.561	16.5	20.2
5 31	13 33.24	+10 34.9	1.842	2.566	18.8	20.4

424732 2008 SW_{243} 4 21.4 312°.88 0°.5/21.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.86	−14 11.9	1.689	2.564	13.2	21.0
4 1	14 14.29	−14 3.7	1.612	2.555	9.4	20.7
4 11	14 6.64	−13 45.2	1.559	2.545	5.1	20.4
4 21	13 57.74	−13 19.1	1.532	2.537	0.6	20.1
5 1	13 48.68	−12 49.6	1.532	2.528	4.4	20.3
5 11	13 40.58	−12 22.3	1.558	2.520	8.9	20.6
5 21	13 34.33	−12 2.0	1.607	2.511	13.0	20.8
5 31	13 30.54	−11 52.6	1.677	2.504	16.5	21.0

148797 2001 UH_{67} 4 21.4 343°.18 1°.3/20.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.16	−10 25.7	1.367	2.260	14.5	19.4
4 1	14 14.06	−10 5.1	1.301	2.253	10.2	19.1
4 11	14 6.60	− 9 36.2	1.256	2.246	5.3	18.8
4 21	13 57.74	− 9 3.6	1.237	2.241	1.3	18.5
5 1	13 48.75	− 8 33.3	1.242	2.236	5.7	18.8
5 11	13 40.95	− 8 11.6	1.272	2.232	10.7	19.0
5 21	13 35.32	− 8 2.8	1.323	2.229	15.2	19.3
5 31	13 32.47	− 8 9.7	1.393	2.226	18.9	19.5

478084 2011 UB_{38} 4 21.4 248°.90 0°.6/21.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 18.88	−14 37.4	2.443	3.304	10.2	21.4
4 1	14 13.09	−14 33.2	2.361	3.296	7.2	21.2
4 11	14 5.83	−14 21.4	2.305	3.289	3.9	21.0
4 21	13 57.71	−14 3.9	2.277	3.282	0.7	20.7
5 1	13 49.49	−13 43.5	2.279	3.274	3.3	20.9
5 11	13 41.95	−13 23.6	2.309	3.266	6.7	21.1
5 21	13 35.72	−13 7.6	2.365	3.259	9.8	21.3
5 31	13 31.25	−12 58.4	2.444	3.251	12.5	21.4

276461 2003 GJ_{26} 4 21.4 306.°05 0.°1/21.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 17.84	−14 44.9	1.565	2.445	13.7	20.8
4 1	14 13.09	−14 8.7	1.477	2.423	9.8	20.5
4 11	14 6.12	−13 18.3	1.413	2.401	5.3	20.2
4 21	13 57.73	−12 17.6	1.375	2.380	0.3	19.7
5 1	13 49.04	−11 13.0	1.363	2.359	4.9	20.0
5 11	13 41.29	−10 12.5	1.376	2.338	9.8	20.3
5 21	13 35.44	− 9 22.9	1.412	2.317	14.4	20.5
5 31	13 32.18	− 8 49.4	1.467	2.297	18.2	20.7

192731 1999 TG_{190} 4 21.4 228.°44 6.°5/27.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.68	−33 4.3	2.245	3.028	13.6	20.5
4 1	14 15.42	−33 21.7	2.154	3.019	11.2	20.4
4 11	14 7.19	−33 18.2	2.085	3.011	8.8	20.2
4 21	13 57.77	−32 52.6	2.042	3.002	6.9	20.1
5 1	13 48.16	−32 6.2	2.025	2.992	6.6	20.0
5 11	13 39.41	−31 4.0	2.035	2.982	8.2	20.1
5 21	13 32.37	−29 52.5	2.071	2.972	10.7	20.2
5 31	13 27.64	−28 39.4	2.129	2.961	13.3	20.4

65893 1998 BY_{33} 4 21.4 110.°58 2.°0/20.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 24.10	− 8 18.3	1.601	2.482	13.4	18.5
4 1	14 17.01	− 7 47.8	1.551	2.498	9.3	18.3
4 11	14 7.91	− 7 12.5	1.525	2.513	4.8	18.0
4 21	13 57.80	− 6 37.1	1.526	2.528	2.1	17.9
5 1	13 47.86	− 6 7.1	1.554	2.543	5.6	18.1
5 11	13 39.21	− 5 47.4	1.609	2.557	9.9	18.4
5 21	13 32.63	− 5 40.8	1.687	2.570	13.6	18.7
5 31	13 28.57	− 5 48.6	1.785	2.583	16.7	18.9

380179 2000 SL_{114} 4 21.4 230.°63 0.°1/21.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 20.93	−13 37.7	2.329	3.190	10.6	22.0
4 1	14 14.61	−13 16.6	2.239	3.176	7.5	21.8
4 11	14 6.67	−12 47.3	2.176	3.162	4.0	21.6
4 21	13 57.76	−12 12.2	2.142	3.147	0.2	21.2
5 1	13 48.70	−11 35.0	2.137	3.131	3.7	21.5
5 11	13 40.33	−11 0.2	2.161	3.115	7.4	21.7
5 21	13 33.36	−10 31.5	2.211	3.098	10.7	21.9
5 31	13 28.30	−10 12.3	2.284	3.080	13.6	22.0

4334 Foo 4 21.4 152.°18 0.°3/21.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 17.28	−12 27.5	2.817	3.680	8.9	18.8
4 1	14 11.72	−11 59.4	2.749	3.688	6.2	18.6
4 11	14 5.02	−11 25.5	2.708	3.695	3.2	18.4
4 21	13 57.71	−10 48.4	2.697	3.701	0.3	18.2
5 1	13 50.43	−10 11.4	2.715	3.708	3.1	18.4
5 11	13 43.79	− 9 37.9	2.762	3.713	6.1	18.6
5 21	13 38.27	− 9 10.7	2.837	3.719	8.8	18.8
5 31	13 34.25	− 8 52.0	2.934	3.724	11.0	19.0

70894 1999 VY_{170} 4 21.4 206.°97 2.°5/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.08	−21 7.8	1.982	2.831	12.6	19.5
4 1	14 13.50	−20 52.6	1.907	2.831	9.4	19.3
4 11	14 6.13	−20 22.2	1.855	2.830	5.8	19.1
4 21	13 57.76	−19 38.5	1.830	2.829	2.8	18.9
5 1	13 49.32	−18 45.6	1.833	2.828	4.0	18.9
5 11	13 41.80	−17 49.5	1.863	2.827	7.5	19.1
5 21	13 35.94	−16 56.1	1.918	2.826	11.0	19.4
5 31	13 32.25	−16 10.8	1.995	2.824	14.1	19.6

397872 2008 UK_{52} 4 21.4 272.°96 1.°0/20.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 24.06	−11 3.9	1.449	2.330	14.5	21.7
4 1	14 17.74	−10 42.4	1.360	2.307	10.3	21.3
4 11	14 8.71	−10 11.0	1.294	2.283	5.4	21.0
4 21	13 57.88	− 9 33.7	1.253	2.258	1.0	20.6
5 1	13 46.55	− 8 56.2	1.239	2.233	5.8	20.9
5 11	13 36.22	− 8 25.6	1.251	2.207	11.2	21.1
5 21	13 28.08	− 8 7.4	1.284	2.181	16.1	21.3
5 31	13 22.94	− 8 5.7	1.336	2.154	20.3	21.5

138865 2000 WP_{159} 4 21.4 84.°30 3.°9/18.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.35	+ 0 43.5	2.306	3.182	10.1	19.6
4 1	14 14.63	+ 0 58.2	2.255	3.195	7.2	19.4
4 11	14 6.54	+ 1 9.0	2.231	3.209	4.7	19.3
4 21	13 57.77	+ 1 12.7	2.236	3.223	4.0	19.3
5 1	13 49.13	+ 1 6.6	2.269	3.236	6.0	19.4
5 11	13 41.35	+ 0 49.0	2.330	3.250	8.7	19.6
5 21	13 35.02	+ 0 19.7	2.416	3.263	11.3	19.8
5 31	13 30.52	− 0 20.7	2.523	3.276	13.6	20.0

157188 2004 PU_{103} 4 21.4 201.°21 0.°1/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 18.44	−15 43.3	2.502	3.360	10.1	20.1
4 1	14 12.71	−14 49.6	2.420	3.355	7.1	19.9
4 11	14 5.60	−13 45.4	2.365	3.350	3.8	19.6
4 21	13 57.74	−12 34.4	2.339	3.344	0.3	19.3
5 1	13 49.85	−11 21.2	2.343	3.337	3.4	19.6
5 11	13 42.66	−10 11.4	2.376	3.330	6.8	19.8
5 21	13 36.76	− 9 9.5	2.437	3.322	9.9	20.0
5 31	13 32.57	− 8 19.1	2.520	3.313	12.6	20.2

307994 2004 RJ_{53} 4 21.4 223.°76 1.°7/22.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 25.01	−16 52.7	1.649	2.511	14.1	21.2
4 1	14 18.05	−16 55.3	1.569	2.503	10.3	20.9
4 11	14 8.70	−16 45.0	1.513	2.495	5.9	20.7
4 21	13 57.88	−16 23.3	1.483	2.486	1.8	20.4
5 1	13 46.83	−15 53.9	1.481	2.477	4.6	20.5
5 11	13 36.85	−15 22.5	1.506	2.467	9.2	20.8
5 21	13 28.95	−14 55.2	1.555	2.457	13.5	21.0
5 31	13 23.80	−14 36.9	1.624	2.446	17.1	21.2

303277 2004 RC_{190} 4 21.4 214.°00 1.°6/22.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.88	−19 6.1	1.692	2.551	14.0	21.0
4 1	14 15.73	−18 30.3	1.613	2.545	10.2	20.7
4 11	14 7.42	−17 37.1	1.558	2.539	5.9	20.5
4 21	13 57.83	−16 29.9	1.529	2.532	1.9	20.2
5 1	13 48.14	−15 14.6	1.528	2.524	4.4	20.3
5 11	13 39.52	−13 59.3	1.554	2.516	8.9	20.6
5 21	13 32.86	−12 51.7	1.604	2.508	13.1	20.8
5 31	13 28.75	−11 57.7	1.675	2.499	16.6	21.0

239460 2007 TH_{281} 4 21.4 184.°16 0.°1/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 17.62	−14 56.6	2.298	3.162	10.6	21.1
4 1	14 12.22	−14 16.7	2.225	3.163	7.5	20.9
4 11	14 5.38	−13 27.3	2.177	3.162	4.0	20.7
4 21	13 57.75	−12 31.7	2.157	3.162	0.3	20.3
5 1	13 50.11	−11 34.4	2.167	3.161	3.5	20.6
5 11	13 43.24	−10 40.5	2.204	3.160	7.1	20.8
5 21	13 37.73	− 9 54.5	2.268	3.159	10.3	21.0
5 31	13 34.02	− 9 19.4	2.354	3.158	13.0	21.2

35444 1998 BU_{43} 4 21.4 36.°12 1.°6/20.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 22.84	− 9 9.5	1.089	1.989	16.8	17.6
4 1	14 16.76	− 9 3.8	1.048	2.003	11.7	17.3
4 11	14 8.00	− 8 51.7	1.028	2.018	6.0	17.1
4 21	13 57.87	− 8 37.8	1.030	2.035	1.6	16.8
5 1	13 47.97	− 8 28.0	1.057	2.052	6.3	17.2
5 11	13 39.80	− 8 27.6	1.107	2.069	11.6	17.5
5 21	13 34.32	− 8 39.7	1.177	2.088	16.2	17.8
5 31	13 32.01	− 9 5.8	1.265	2.107	19.9	18.1

9732 Juchnovski 4 21.4 212.°32 5.°1/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 23.99	−26 23.1	1.672	2.502	15.5	17.8
4 1	14 17.41	−26 28.9	1.591	2.497	12.1	17.5
4 11	14 8.40	−26 12.7	1.532	2.492	8.5	17.3
4 21	13 57.90	−25 34.3	1.498	2.486	5.5	17.1
5 1	13 47.20	−24 36.8	1.491	2.479	5.8	17.1
5 11	13 37.66	−23 27.7	1.510	2.472	9.1	17.3
5 21	13 30.28	−22 15.6	1.553	2.465	12.9	17.5
5 31	13 25.73	−21 9.2	1.618	2.457	16.4	17.7

423192 2004 NT_{22} 4 21.4 308.°68 2.°7/23.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 18.75	−19 59.7	1.503	2.370	15.0	20.5
4 1	14 14.03	−19 49.2	1.405	2.339	11.2	20.2
4 11	14 6.79	−19 20.0	1.330	2.310	6.9	19.8
4 21	13 57.83	−18 33.0	1.279	2.280	3.0	19.5
5 1	13 48.37	−17 32.9	1.253	2.250	5.0	19.6
5 11	13 39.80	−16 27.3	1.253	2.221	9.9	19.8
5 21	13 33.27	−15 24.9	1.274	2.192	14.7	20.0
5 31	13 29.61	−14 33.7	1.316	2.164	18.9	20.1

278163 2007 DO_{35} 4 21.4 270.°52 3.°4/14.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 10.09	+ 4 40.3	4.366	5.242	5.7	20.4
4 1	14 6.49	+ 5 36.4	4.301	5.234	4.3	20.2
4 11	14 2.24	+ 6 29.7	4.265	5.225	3.5	20.2
4 21	13 57.63	+ 7 17.4	4.257	5.217	3.6	20.2
5 1	13 53.01	+ 7 57.1	4.279	5.209	4.7	20.2
5 11	13 48.71	+ 8 27.1	4.328	5.201	6.1	20.3
5 21	13 45.04	+ 8 46.4	4.402	5.193	7.6	20.4
5 31	13 42.22	+ 8 54.7	4.496	5.184	8.8	20.5

467768 2009 VK_{26} 4 21.4 223.°30 1.°8/19.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.73	− 7 57.3	2.128	3.002	10.9	22.5
4 1	14 15.24	− 7 30.4	2.048	2.992	7.6	22.3
4 11	14 7.05	− 6 59.3	1.995	2.982	4.0	22.0
4 21	13 57.85	− 6 27.5	1.969	2.971	1.8	21.9
5 1	13 48.54	− 5 59.4	1.973	2.960	4.8	22.0
5 11	13 40.02	− 5 38.9	2.005	2.948	8.5	22.2
5 21	13 33.02	− 5 29.0	2.061	2.935	11.9	22.4
5 31	13 28.05	− 5 31.5	2.139	2.922	14.8	22.6

422333 2014 SQ_{215} 4 21.4 281.°48 5.°4/17.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 20.84	− 1 15.2	1.502	2.395	13.4	20.8
4 1	14 15.13	− 0 16.8	1.433	2.382	9.7	20.5
4 11	14 7.17	+ 0 41.4	1.387	2.369	6.3	20.3
4 21	13 57.87	+ 1 31.8	1.366	2.355	5.7	20.2
5 1	13 48.41	+ 2 7.0	1.371	2.342	8.7	20.3
5 11	13 40.02	+ 2 21.6	1.401	2.328	12.7	20.5
5 21	13 33.64	+ 2 13.9	1.451	2.315	16.5	20.7
5 31	13 29.89	+ 1 44.2	1.519	2.302	19.8	20.9

265738 2005 UX_{498} 4 21.4 140°.05 5°.4/16.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 19.16	+ 1 38.6	2.048	2.931	10.8	20.8
4 1	14 13.28	+ 2 57.7	2.000	2.941	7.9	20.6
4 11	14 5.92	+ 4 13.2	1.978	2.950	5.8	20.5
4 21	13 57.81	+ 5 18.6	1.984	2.959	5.8	20.5
5 1	13 49.80	+ 6 8.1	2.017	2.967	7.9	20.6
5 11	13 42.70	+ 6 38.4	2.077	2.975	10.7	20.8
5 21	13 37.13	+ 6 48.5	2.159	2.982	13.3	21.0
5 31	13 33.49	+ 6 39.2	2.259	2.989	15.6	21.2

163997 2003 UK_{163} 4 21.4 223°.04 2°.2/19.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 18.34	− 7 21.1	2.264	3.142	10.1	20.7
4 1	14 12.76	− 6 34.0	2.188	3.134	7.0	20.5
4 11	14 5.70	− 5 42.7	2.139	3.127	3.8	20.3
4 21	13 57.80	− 4 51.4	2.118	3.118	2.3	20.2
5 1	13 49.85	− 4 5.1	2.127	3.110	4.9	20.3
5 11	13 42.62	− 3 28.0	2.162	3.101	8.3	20.5
5 21	13 36.75	− 3 3.3	2.223	3.091	11.4	20.7
5 31	13 32.70	− 2 52.6	2.305	3.081	14.0	20.9

264558 2001 SM_{305} 4 21.4 224°.24 5°.0/24.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 24.47	−24 57.5	1.831	2.661	14.3	20.2
4 1	14 17.63	−25 32.8	1.751	2.657	11.2	20.0
4 11	14 8.49	−25 51.0	1.695	2.654	7.8	19.8
4 21	13 57.94	−25 50.9	1.664	2.650	5.3	19.7
5 1	13 47.14	−25 33.9	1.660	2.646	5.7	19.7
5 11	13 37.36	−25 4.8	1.684	2.642	8.7	19.8
5 21	13 29.57	−24 29.9	1.731	2.638	12.1	20.0
5 31	13 24.42	−23 56.1	1.801	2.634	15.3	20.2

499210 2009 UK_{30} 4 21.5 196°.11 0°.6/22.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.02	−17 9.4	2.212	3.069	11.2	22.3
4 1	14 13.27	−16 16.0	2.133	3.067	8.0	22.0
4 11	14 5.98	−15 9.9	2.080	3.064	4.4	21.8
4 21	13 57.82	−13 54.9	2.056	3.060	0.7	21.5
5 1	13 49.65	−12 36.3	2.061	3.056	3.6	21.7
5 11	13 42.29	−11 20.7	2.094	3.051	7.3	22.0
5 21	13 36.40	−10 13.4	2.154	3.046	10.7	22.2
5 31	13 32.43	− 9 18.7	2.236	3.040	13.6	22.3

252945 2002 PY_{51} 4 21.5 212°.28 1°.3/20.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.46	−10 20.5	2.001	2.874	11.5	22.0
4 1	14 15.13	− 9 41.3	1.923	2.867	8.0	21.8
4 11	14 7.02	− 8 54.9	1.872	2.859	4.2	21.5
4 21	13 57.87	− 8 5.4	1.848	2.851	1.3	21.3
5 1	13 48.64	− 7 18.0	1.853	2.842	4.7	21.5
5 11	13 40.27	− 6 38.0	1.886	2.833	8.7	21.7
5 21	13 33.51	− 6 9.3	1.943	2.823	12.3	21.9
5 31	13 28.89	− 5 54.4	2.022	2.812	15.3	22.1

64203 2001 TG_{90} 4 21.5 112°.48 2°.4/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 20.20	−21 19.8	1.837	2.687	13.4	19.8
4 1	14 14.30	−20 47.8	1.773	2.698	9.9	19.6
4 11	14 6.56	−19 58.9	1.732	2.708	6.0	19.4
4 21	13 57.86	−18 56.1	1.719	2.719	2.6	19.2
5 1	13 49.24	−17 45.0	1.733	2.729	4.0	19.3
5 11	13 41.70	−16 32.7	1.774	2.739	7.8	19.6
5 21	13 35.97	−15 26.1	1.841	2.748	11.5	19.8
5 31	13 32.53	−14 30.6	1.929	2.757	14.6	20.0

229425 Grosspointner 4 21.5 97°.91 1°.5/22.8 17 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.18	−18 12.5	1.852	2.711	13.0	21.0
4 1	14 14.90	−17 51.4	1.795	2.727	9.4	20.8
4 11	14 6.85	−17 16.9	1.762	2.742	5.3	20.6
4 21	13 57.87	−16 32.2	1.755	2.758	1.7	20.3
5 1	13 49.01	−15 41.9	1.777	2.773	3.9	20.5
5 11	13 41.25	−14 52.2	1.826	2.788	7.8	20.8
5 21	13 35.29	−14 8.5	1.900	2.803	11.4	21.0
5 31	13 31.58	−13 35.0	1.996	2.818	14.4	21.3

425192 2009 UJ_{111} 4 21.5 186°.00 0°.4/21.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.81	−15 16.9	2.061	2.925	11.6	21.9
4 1	14 13.92	−14 44.7	1.988	2.925	8.2	21.7
4 11	14 6.35	−14 1.9	1.940	2.925	4.4	21.5
4 21	13 57.86	−13 11.8	1.919	2.924	0.5	21.1
5 1	13 49.33	−12 19.1	1.928	2.923	3.8	21.4
5 11	13 41.68	−11 29.2	1.964	2.921	7.7	21.6
5 21	13 35.60	−10 47.1	2.025	2.919	11.2	21.9
5 31	13 31.56	−10 16.2	2.108	2.917	14.2	22.0

188033 2001 UV_{123} 4 21.5 233°.06 5°.3/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 22.47	+ 2 29.8	2.077	2.954	11.0	20.8
4 1	14 15.78	+ 3 13.3	2.004	2.942	8.1	20.6
4 11	14 7.35	+ 3 52.6	1.956	2.929	5.8	20.5
4 21	13 57.91	+ 4 22.5	1.937	2.915	5.5	20.4
5 1	13 48.38	+ 4 38.3	1.945	2.901	7.7	20.5
5 11	13 39.67	+ 4 37.0	1.980	2.886	10.7	20.7
5 21	13 32.52	+ 4 17.9	2.038	2.871	13.7	20.8
5 31	13 27.44	+ 3 41.9	2.116	2.855	16.2	21.0

499369 2010 AY_1 4 21.5 74°.32 8°.9/30.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 23.97	−38 32.0	1.920	2.678	16.4	21.5
4 1	14 17.20	−39 5.9	1.860	2.698	14.0	21.4
4 11	14 8.18	−39 12.5	1.821	2.718	11.5	21.3
4 21	13 57.94	−38 49.6	1.804	2.738	9.6	21.2
5 1	13 47.77	−37 59.3	1.811	2.757	8.9	21.2
5 11	13 38.93	−36 47.9	1.844	2.777	9.8	21.3
5 21	13 32.31	−35 24.1	1.901	2.797	11.7	21.4
5 31	13 28.41	−33 57.2	1.980	2.816	13.9	21.6

422909 2002 RV_{213} 4 21.5 278°.77 1°.9/20.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 23.53	− 8 37.4	1.711	2.590	12.8	21.5
4 1	14 17.11	− 8 13.0	1.614	2.560	9.1	21.2
4 11	14 8.34	− 7 42.2	1.541	2.529	4.8	20.9
4 21	13 57.97	− 7 8.9	1.495	2.498	1.9	20.6
5 1	13 47.13	− 6 38.5	1.476	2.465	5.7	20.8
5 11	13 37.06	− 6 16.4	1.484	2.433	10.5	21.0
5 21	13 28.82	− 6 6.9	1.516	2.400	14.9	21.1
5 31	13 23.18	− 6 13.0	1.567	2.366	18.6	21.3

87417 2000 QM_{93} 4 21.5 224°.43 6°.6/26.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 24.20	−30 49.2	2.042	2.840	14.3	20.0
4 1	14 17.40	−31 26.4	1.956	2.833	11.7	19.8
4 11	14 8.38	−31 43.7	1.892	2.827	9.0	19.6
4 21	13 57.97	−31 39.1	1.854	2.820	6.9	19.5
5 1	13 47.28	−31 13.3	1.842	2.812	6.8	19.5
5 11	13 37.52	−30 30.9	1.856	2.805	8.7	19.6
5 21	13 29.65	−29 38.5	1.896	2.797	11.5	19.7
5 31	13 24.32	−28 43.7	1.958	2.789	14.3	19.9

37604 1992 OQ_1 4 21.5 304°.18 3°.7/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 20.39	−21 15.5	1.344	2.211	16.4	18.4
4 1	14 15.40	−21 19.5	1.257	2.189	12.4	18.1
4 11	14 7.62	−21 3.1	1.190	2.168	7.9	17.8
4 21	13 57.94	−20 26.4	1.147	2.146	4.0	17.5
5 1	13 47.78	−19 33.6	1.129	2.125	5.6	17.5
5 11	13 38.70	−18 32.7	1.135	2.105	10.4	17.8
5 21	13 31.97	−17 33.2	1.162	2.084	15.4	18.0
5 31	13 28.44	−16 43.8	1.208	2.065	19.8	18.2

425715 2011 BJ_{27} 4 21.5 100°.95 2°.3/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 22.74	−20 49.1	1.990	2.834	12.8	22.2
4 1	14 15.86	−20 31.1	1.937	2.859	9.4	22.0
4 11	14 7.30	−19 58.4	1.908	2.883	5.7	21.9
4 21	13 57.93	−19 13.7	1.907	2.907	2.6	21.7
5 1	13 48.73	−18 21.4	1.935	2.930	3.8	21.8
5 11	13 40.65	−17 27.4	1.991	2.952	7.3	22.1
5 21	13 34.36	−16 37.4	2.072	2.974	10.6	22.3
5 31	13 30.26	−15 55.9	2.176	2.995	13.4	22.5

14843 Tanna 4 21.5 153°.80 0°.2/21.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 25.23	−12 42.8	1.598	2.471	13.9	18.9
4 1	14 18.04	−12 27.7	1.535	2.477	9.8	18.6
4 11	14 8.64	−12 3.1	1.496	2.483	5.1	18.4
4 21	13 58.00	−11 32.4	1.484	2.489	0.3	18.0
5 1	13 47.38	−11 0.6	1.499	2.493	4.8	18.4
5 11	13 38.00	−10 33.4	1.541	2.498	9.4	18.7
5 21	13 30.74	−10 15.3	1.606	2.501	13.5	18.9
5 31	13 26.15	−10 9.5	1.692	2.505	16.9	19.1

210890 2001 SN_{126} 4 21.5 226°.86 3°.8/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.84	−25 11.3	2.377	3.200	11.7	20.8
4 1	14 13.95	−25 18.0	2.291	3.194	9.1	20.6
4 11	14 6.42	−25 9.8	2.230	3.188	6.3	20.4
4 21	13 57.91	−24 47.0	2.195	3.182	4.1	20.3
5 1	13 49.27	−24 12.0	2.188	3.176	4.4	20.3
5 11	13 41.38	−23 28.9	2.210	3.169	6.8	20.4
5 21	13 34.93	−22 43.0	2.258	3.163	9.7	20.6
5 31	13 30.45	−21 59.5	2.328	3.156	12.4	20.8

149859 2005 QA_{55} 4 21.5 258°.69 1°.3/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 17.43	− 9 24.0	2.439	3.312	9.7	20.9
4 1	14 12.12	− 8 50.1	2.354	3.298	6.7	20.7
4 11	14 5.41	− 8 11.0	2.296	3.284	3.5	20.4
4 21	13 57.86	− 7 30.0	2.266	3.269	1.3	20.2
5 1	13 50.21	− 6 51.3	2.265	3.254	4.1	20.4
5 11	13 43.19	− 6 18.8	2.293	3.239	7.5	20.6
5 21	13 37.41	− 5 55.6	2.346	3.223	10.5	20.8
5 31	13 33.32	− 5 43.9	2.421	3.208	13.2	20.9

424626 2008 JH_{39} 4 21.5 37°.52 9°.1/13.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 18.01	+ 8 4.8	1.561	2.451	13.2	20.7
4 1	14 12.89	+ 9 53.3	1.521	2.454	10.6	20.5
4 11	14 5.87	+11 30.6	1.504	2.458	9.2	20.5
4 21	13 57.88	+12 47.0	1.512	2.461	9.8	20.5
5 1	13 49.98	+13 35.3	1.544	2.465	12.0	20.6
5 11	13 43.22	+13 52.3	1.597	2.469	14.8	20.8
5 21	13 38.33	+13 39.5	1.670	2.473	17.5	21.0
5 31	13 35.76	+13 0.2	1.759	2.477	19.7	21.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
292193 2006 ST_{32}			4 21.5 186°.92		0°.4/21.1 16	
	h m	° ′			°	m
3 22	14 20.78	−13 31.4	1.866	2.737	12.3	21.7
4 1	14 14.72	−12 48.5	1.795	2.736	8.6	21.4
4 11	14 6.84	−11 55.1	1.749	2.736	4.5	21.2
4 21	13 57.93	−10 55.5	1.730	2.735	0.4	20.9
5 1	13 48.99	− 9 55.4	1.740	2.733	4.4	21.2
5 11	13 41.03	− 9 1.2	1.777	2.731	8.6	21.4
5 21	13 34.80	− 8 17.8	1.838	2.729	12.3	21.6
5 31	13 30.79	− 7 48.6	1.921	2.726	15.5	21.8
121512 1999 TR_{322}			4 21.5 140°.43		14°.2/30.0 18	R
3 22	14 35.10	−41 12.1	1.336	2.095	22.2	19.9
4 1	14 26.56	−43 0.4	1.274	2.103	19.6	19.7
4 11	14 13.81	−44 13.4	1.229	2.111	16.9	19.6
4 21	13 58.26	−44 41.4	1.203	2.119	14.9	19.5
5 1	13 42.19	−44 21.1	1.199	2.125	14.2	19.4
5 11	13 28.12	−43 18.9	1.216	2.131	15.2	19.5
5 21	13 17.84	−41 48.9	1.253	2.137	17.3	19.7
5 31	13 12.21	−40 7.2	1.308	2.142	19.9	19.8
304612 2006 VX_{86}			4 21.5 300°.46		1°.0/20.7 17	
3 22	14 20.38	− 9 13.7	2.101	2.975	11.0	20.8
4 1	14 14.36	− 9 10.9	2.023	2.967	7.7	20.5
4 11	14 6.64	− 9 4.0	1.970	2.958	4.0	20.3
4 21	13 57.93	− 8 55.6	1.946	2.950	1.0	20.0
5 1	13 49.09	− 8 48.9	1.950	2.941	4.3	20.3
5 11	13 41.04	− 8 47.0	1.981	2.933	8.0	20.5
5 21	13 34.49	− 8 52.6	2.038	2.925	11.5	20.7
5 31	13 29.96	− 9 7.4	2.116	2.917	14.4	20.9
498097 2007 RS_{280}			4 21.5 162°.23		4°.8/27.4 17	
3 22	14 20.61	−32 17.1	2.962	3.735	10.8	22.4
4 1	14 14.22	−32 20.5	2.881	3.742	8.8	22.3
4 11	14 6.45	−32 7.5	2.824	3.749	6.8	22.1
4 21	13 57.92	−31 38.3	2.793	3.754	5.2	22.0
5 1	13 49.38	−30 54.5	2.792	3.760	5.0	22.0
5 11	13 41.56	−30 0.1	2.819	3.764	6.2	22.1
5 21	13 35.04	−28 59.9	2.873	3.768	8.2	22.2
5 31	13 30.26	−27 59.0	2.952	3.771	10.3	22.4
472235 2014 GE_{45}			4 21.5 351°.76		0°.0/21.8 16	
3 22	14 0.18	−13 5.3	32.550	33.408	0.9	21.7
4 1	13 59.37	−13 1.1	32.468	33.404	0.6	21.7
4 11	13 58.49	−12 56.5	32.415	33.400	0.3	21.6
4 21	13 57.57	−12 51.6	32.392	33.396	0.0	21.6
5 1	13 56.65	−12 46.6	32.398	33.392	0.3	21.6
5 11	13 55.76	−12 41.7	32.433	33.389	0.6	21.7
5 21	13 54.94	−12 37.2	32.496	33.385	0.8	21.7
5 31	13 54.22	−12 33.1	32.585	33.381	1.1	21.7
115066 2003 RH_{19}			4 21.5 158°.46		3°.2/24.5 17	
3 22	14 21.13	−23 29.6	2.382	3.210	11.5	20.3
4 1	14 14.75	−23 30.5	2.307	3.216	8.7	20.1
4 11	14 6.78	−23 17.5	2.257	3.221	5.8	20.0
4 21	13 57.94	−22 51.3	2.234	3.226	3.4	19.8
5 1	13 49.06	−22 14.8	2.240	3.230	3.9	19.9
5 11	13 41.01	−21 32.3	2.275	3.234	6.6	20.0
5 21	13 34.43	−20 48.8	2.336	3.238	9.6	20.2
5 31	13 29.81	−20 9.1	2.420	3.241	12.2	20.4
413831 2006 RG_{80}			4 21.5 147°.91		0°.3/21.7 15	
3 22	14 22.51	−14 37.3	1.973	2.836	12.1	22.7
4 1	14 15.81	−14 13.7	1.908	2.845	8.5	22.5
4 11	14 7.35	−13 40.2	1.869	2.854	4.6	22.2
4 21	13 57.96	−13 0.0	1.858	2.862	0.4	21.9
5 1	13 48.62	−12 17.6	1.875	2.870	3.9	22.2
5 11	13 40.27	−11 38.2	1.920	2.877	7.9	22.5
5 21	13 33.64	−11 6.2	1.991	2.883	11.4	22.7
5 31	13 29.20	−10 45.0	2.083	2.889	14.4	22.9
59748 1999 LE_{14}			4 21.5 274°.13		3°.2/24.6 18	
3 22	14 18.19	−24 33.4	1.843	2.684	13.8	18.0
4 1	14 13.12	−23 52.0	1.756	2.673	10.5	17.7
4 11	14 6.09	−22 48.9	1.692	2.661	6.8	17.5
4 21	13 57.91	−21 26.5	1.654	2.650	3.6	17.3
5 1	13 49.62	−19 50.5	1.644	2.639	4.4	17.3
5 11	13 42.28	−18 9.4	1.661	2.628	8.1	17.5
5 21	13 36.71	−16 31.8	1.704	2.616	11.9	17.7
5 31	13 33.47	−15 5.6	1.768	2.605	15.3	17.9
502841 2015 DZ_{163}			4 21.5 238°.36		5°.4/15.6 18	
3 22	14 17.56	+ 1 49.2	2.136	3.020	10.4	21.2
4 1	14 12.30	+ 3 10.7	2.069	3.011	7.7	21.0
4 11	14 5.52	+ 4 30.1	2.029	3.001	5.7	20.9
4 21	13 57.89	+ 5 40.7	2.017	2.991	5.8	20.9
5 1	13 50.21	+ 6 36.5	2.033	2.980	8.0	21.0
5 11	13 43.28	+ 7 13.3	2.074	2.970	10.8	21.1
5 21	13 37.76	+ 7 29.5	2.137	2.959	13.5	21.3
5 31	13 34.10	+ 7 25.4	2.219	2.947	15.9	21.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
78146 2002 NF_{22}			4 21.5 209°.83		4°.0/18.1 17	
	h m	° ′			°	m
3 22	14 20.41	− 4 9.5	1.741	2.628	12.2	19.6
4 1	14 14.53	− 3 5.2	1.676	2.625	8.6	19.4
4 11	14 6.77	− 1 58.3	1.636	2.621	5.1	19.2
4 21	13 57.95	− 0 55.6	1.623	2.617	4.2	19.1
5 1	13 49.09	− 0 3.8	1.637	2.612	7.1	19.3
5 11	13 41.24	+ 0 31.7	1.677	2.607	10.8	19.5
5 21	13 35.15	+ 0 48.2	1.740	2.602	14.3	19.7
5 31	13 31.36	+ 0 45.1	1.822	2.597	17.3	19.9
127473 2002 RX_{125}			4 21.5 265°.91		1°.2/20.5 18	
3 22	14 19.35	−12 16.4	1.649	2.530	13.1	20.2
4 1	14 14.02	−11 19.0	1.569	2.516	9.2	19.9
4 11	14 6.61	−10 9.5	1.513	2.502	4.8	19.6
4 21	13 57.94	− 8 53.4	1.484	2.488	1.2	19.3
5 1	13 49.11	− 7 38.1	1.482	2.474	5.3	19.6
5 11	13 41.25	− 6 31.6	1.506	2.460	10.0	19.8
5 21	13 35.23	− 5 40.0	1.554	2.445	14.1	20.0
5 31	13 31.66	− 5 7.0	1.621	2.430	17.7	20.2
351477 2005 QU_{13}			4 21.5 224°.23		3°.6/25.1 16	
3 22	14 19.60	−25 18.5	2.671	3.488	10.7	21.1
4 1	14 13.67	−25 27.5	2.581	3.480	8.3	20.9
4 11	14 6.25	−25 23.1	2.516	3.473	5.8	20.8
4 21	13 57.95	−25 5.7	2.479	3.465	3.8	20.6
5 1	13 49.51	−24 37.0	2.471	3.457	4.1	20.6
5 11	13 41.73	−24 0.6	2.491	3.449	6.3	20.8
5 21	13 35.23	−23 21.0	2.538	3.440	8.9	20.9
5 31	13 30.49	−22 42.7	2.609	3.431	11.4	21.1
389949 2012 TA_{167}			4 21.5 197°.03		2°.4/18.8 18	
3 22	14 17.18	− 6 33.8	2.415	3.294	9.6	21.3
4 1	14 11.88	− 5 35.2	2.345	3.292	6.6	21.1
4 11	14 5.25	− 4 33.1	2.303	3.289	3.7	20.9
4 21	13 57.90	− 3 32.1	2.288	3.286	2.5	20.9
5 1	13 50.54	− 2 36.9	2.304	3.283	5.0	21.0
5 11	13 43.87	− 1 52.0	2.346	3.279	8.0	21.2
5 21	13 38.47	− 1 20.1	2.414	3.275	10.9	21.4
5 31	13 34.73	− 1 2.8	2.504	3.270	13.3	21.5
328902 2010 TM_{28}			4 21.5 32°.02		6°.9/24.9 18	
3 22	14 26.46	−24 38.0	1.226	2.079	18.6	19.4
4 1	14 19.67	−25 54.3	1.172	2.090	14.5	19.2
4 11	14 9.81	−26 48.6	1.139	2.102	10.3	19.0
4 21	13 58.12	−27 17.6	1.128	2.114	7.3	18.8
5 1	13 46.32	−27 21.8	1.142	2.127	7.7	18.9
5 11	13 36.19	−27 7.3	1.179	2.141	11.0	19.1
5 21	13 28.95	−26 43.0	1.237	2.156	14.9	19.4
5 31	13 25.27	−26 18.1	1.314	2.171	18.5	19.6
425759 2011 CV_{14}			4 21.5 127°.94		0°.8/22.2 17	
3 22	14 21.25	−16 21.2	1.951	2.812	12.3	22.5
4 1	14 14.95	−15 56.2	1.889	2.824	8.8	22.3
4 11	14 6.92	−15 19.7	1.851	2.834	4.8	22.1
4 21	13 57.98	−14 34.9	1.840	2.845	1.0	21.8
5 1	13 49.10	−13 46.5	1.859	2.855	3.8	22.1
5 11	13 41.23	−13 0.1	1.905	2.864	7.7	22.3
5 21	13 35.07	−12 20.6	1.976	2.873	11.3	22.6
5 31	13 31.07	−11 51.8	2.068	2.882	14.2	22.8
253451 2003 RS_{23}			4 21.5 206°.76		2°.3/23.9 17	
3 22	14 21.35	−24 2.5	2.002	2.836	13.1	20.6
4 1	14 15.12	−22 48.4	1.915	2.831	9.8	20.4
4 11	14 7.07	−21 12.3	1.852	2.824	6.1	20.2
4 21	13 57.99	−19 18.0	1.818	2.817	2.7	19.9
5 1	13 48.90	−17 12.5	1.813	2.809	3.9	20.0
5 11	13 40.81	−15 5.6	1.839	2.801	7.8	20.2
5 21	13 34.45	−13 6.4	1.891	2.791	11.6	20.4
5 31	13 30.32	−11 22.3	1.967	2.781	14.9	20.6
507351 2011 UU_{337}			4 21.5 190°.62		0°.0/21.5 17	
3 22	14 19.15	−12 50.3	2.606	3.468	9.5	21.8
4 1	14 13.22	−12 41.9	2.530	3.467	6.7	21.6
4 11	14 5.96	−12 27.4	2.480	3.466	3.5	21.4
4 21	13 57.95	−12 9.0	2.460	3.465	0.2	21.1
5 1	13 49.89	−11 49.4	2.469	3.463	3.2	21.4
5 11	13 42.49	−11 31.7	2.507	3.461	6.4	21.6
5 21	13 36.33	−11 18.9	2.571	3.459	9.3	21.8
5 31	13 31.81	−11 13.1	2.658	3.456	11.8	21.9
438860 2009 DG_{142}			4 21.5 47°.15		2°.0/19.6 17	
3 22	14 16.98	− 8 22.3	1.966	2.850	11.2	21.2
4 1	14 11.91	− 7 34.2	1.910	2.858	7.7	21.0
4 11	14 5.32	− 6 41.3	1.878	2.867	4.1	20.8
4 21	13 57.92	− 5 48.6	1.874	2.875	2.1	20.7
5 1	13 50.59	− 5 1.3	1.898	2.884	5.0	20.9
5 11	13 44.15	− 4 24.3	1.948	2.893	8.6	21.1
5 21	13 39.23	− 4 0.6	2.022	2.902	11.9	21.4
5 31	13 36.25	− 3 51.7	2.117	2.911	14.6	21.6

488569 2001 XC_{37} 4 21.5 143°.42 1°.5/20.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 23.01	− 8 5.3	2.283	3.151	10.5	22.2
4 1	14 15.92	− 7 45.6	2.223	3.164	7.2	22.0
4 11	14 7.35	− 7 22.5	2.189	3.176	3.8	21.8
4 21	13 58.02	− 6 59.1	2.185	3.187	1.5	21.6
5 1	13 48.76	− 6 39.0	2.210	3.198	4.3	21.8
5 11	13 40.38	− 6 25.4	2.265	3.208	7.7	22.1
5 21	13 33.50	− 6 20.6	2.345	3.217	10.7	22.3
5 31	13 28.54	− 6 26.0	2.447	3.225	13.3	22.5

236748 2007 LF_{4} 4 21.5 323°.52 4°.0/18.9 16

3 22	14 19.17	− 6 32.3	1.139	2.044	15.7	20.0
4 1	14 14.49	− 5 34.1	1.075	2.033	11.1	19.7
4 11	14 7.08	− 4 28.7	1.032	2.022	6.2	19.4
4 21	13 58.01	− 3 24.8	1.012	2.011	4.2	19.2
5 1	13 48.75	− 2 32.1	1.015	2.001	8.3	19.4
5 11	13 40.82	− 1 59.2	1.041	1.992	13.5	19.7
5 21	13 35.36	− 1 50.1	1.086	1.984	18.3	19.9
5 31	13 33.04	− 2 5.8	1.147	1.976	22.3	20.2

264583 2001 TK_{161} 4 21.5 120°.16 1°.1/22.4 18

3 22	14 22.51	−16 52.4	2.106	2.960	11.8	21.8
4 1	14 15.68	−16 33.4	2.048	2.979	8.4	21.6
4 11	14 7.26	−16 3.6	2.015	2.997	4.7	21.4
4 21	13 58.02	−15 25.6	2.011	3.014	1.2	21.2
5 1	13 48.90	−14 43.6	2.036	3.031	3.6	21.4
5 11	13 40.78	−14 2.5	2.089	3.048	7.2	21.6
5 21	13 34.31	−13 26.8	2.168	3.063	10.5	21.9
5 31	13 29.91	−13 0.1	2.270	3.078	13.3	22.1

219648 2001 UH_{119} 4 21.5 195°.77 1°.6/20.1 18

3 22	14 21.10	− 8 57.2	2.028	2.903	11.3	20.8
4 1	14 14.86	− 8 25.2	1.957	2.902	7.8	20.6
4 11	14 6.92	− 7 48.0	1.911	2.899	4.1	20.4
4 21	13 58.02	− 7 9.4	1.894	2.896	1.6	20.2
5 1	13 49.08	− 6 34.1	1.905	2.893	4.8	20.4
5 11	13 41.00	− 6 6.7	1.943	2.890	8.5	20.6
5 21	13 34.52	− 5 50.3	2.007	2.885	12.0	20.8
5 31	13 30.10	− 5 46.8	2.091	2.881	14.9	21.0

174645 2003 SH_{161} 4 21.5 167°.62 1°.4/20.3 18

3 22	14 22.62	− 9 55.1	1.972	2.844	11.7	21.0
4 1	14 15.90	− 9 16.3	1.907	2.850	8.1	20.7
4 11	14 7.44	− 8 31.1	1.867	2.854	4.2	20.5
4 21	13 58.04	− 7 43.7	1.855	2.858	1.5	20.3
5 1	13 48.67	− 6 59.5	1.872	2.861	4.8	20.6
5 11	13 40.27	− 6 23.2	1.917	2.864	8.6	20.8
5 21	13 33.55	− 5 58.5	1.987	2.865	12.1	21.0
5 31	13 28.98	− 5 47.4	2.078	2.866	15.0	21.2

9571 1988 RR_{5} 4 21.5 306°.61 0°.7/21.9 18

3 22	14 21.91	−14 40.0	1.227	2.114	16.3	17.4
4 1	14 16.46	−14 30.9	1.155	2.102	11.7	17.1
4 11	14 8.17	−14 7.6	1.103	2.091	6.4	16.8
4 21	13 58.09	−13 33.1	1.075	2.080	0.9	16.4
5 1	13 47.69	−12 53.4	1.072	2.069	5.5	16.7
5 11	13 38.59	−12 16.6	1.092	2.059	11.2	17.0
5 21	13 31.99	−11 49.7	1.134	2.049	16.3	17.2
5 31	13 28.65	−11 37.9	1.193	2.040	20.6	17.4

364734 2007 VT_{148} 4 21.5 201°.15 0°.7/22.1 16

3 22	14 21.18	−17 5.3	1.813	2.676	13.0	21.3
4 1	14 15.13	−16 18.3	1.737	2.672	9.3	21.1
4 11	14 7.14	−15 16.5	1.685	2.669	5.1	20.8
4 21	13 58.04	−14 4.0	1.660	2.664	0.9	20.5
5 1	13 48.88	−12 47.0	1.664	2.660	4.2	20.7
5 11	13 40.71	−11 33.0	1.695	2.654	8.5	21.0
5 21	13 34.36	−10 28.7	1.751	2.648	12.5	21.2
5 31	13 30.34	− 9 38.9	1.828	2.641	15.8	21.4

410312 2007 TZ_{408} 4 21.5 120°.22 0°.8/22.1 18

3 22	14 23.66	−16 9.8	1.733	2.596	13.5	22.1
4 1	14 16.75	−15 44.9	1.676	2.612	9.6	21.9
4 11	14 7.91	−15 7.5	1.643	2.627	5.2	21.7
4 21	13 58.07	−14 21.3	1.638	2.642	1.0	21.4
5 1	13 48.36	−13 31.4	1.661	2.657	4.2	21.7
5 11	13 39.85	−12 44.3	1.711	2.670	8.4	22.0
5 21	13 33.31	−12 5.2	1.785	2.684	12.2	22.2
5 31	13 29.20	−11 38.1	1.881	2.696	15.4	22.5

157471 2005 AX_{71} 4 21.5 239°.32 0°.6/22.5 18

3 22	14 11.19	−16 19.4	4.743	5.591	5.8	21.2
4 1	14 7.30	−16 4.7	4.656	5.585	4.2	21.0
4 11	14 2.75	−15 45.2	4.597	5.578	2.3	20.9
4 21	13 57.84	−15 22.3	4.568	5.572	0.6	20.7
5 1	13 52.90	−14 57.4	4.570	5.565	1.8	20.8
5 11	13 48.27	−14 32.5	4.601	5.558	3.6	21.0
5 21	13 44.24	−14 9.3	4.660	5.552	5.4	21.1
5 31	13 41.06	−13 49.5	4.744	5.545	6.9	21.2

150476 2000 NT_{22} 4 21.5 265°.25 2°.2/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 21.06	−19 32.6	1.917	2.770	12.8	20.0
4 1	14 15.19	−19 21.6	1.823	2.751	9.5	19.7
4 11	14 7.28	−18 56.0	1.754	2.731	5.8	19.5
4 21	13 58.07	−18 17.2	1.711	2.712	2.4	19.2
5 1	13 48.58	−17 29.0	1.696	2.691	4.1	19.3
5 11	13 39.89	−16 37.2	1.708	2.671	8.2	19.5
5 21	13 32.91	−15 48.1	1.745	2.650	12.1	19.7
5 31	13 28.27	−15 7.3	1.803	2.629	15.5	19.8

311293 2005 GQ_{138} 4 21.5 98°.32 1°.8/20.1 18

3 22	14 22.18	− 9 50.4	1.587	2.470	13.4	20.9
4 1	14 15.76	− 9 1.9	1.539	2.486	9.3	20.7
4 11	14 7.40	− 8 6.6	1.514	2.503	4.8	20.5
4 21	13 58.06	− 7 10.0	1.516	2.519	1.9	20.3
5 1	13 48.91	− 6 18.8	1.546	2.535	5.5	20.6
5 11	13 41.02	− 5 39.0	1.601	2.551	9.8	20.9
5 21	13 35.13	− 5 14.1	1.680	2.566	13.5	21.2
5 31	13 31.68	− 5 5.8	1.778	2.581	16.6	21.4

714 Ulula 4 21.5 101°.19 3°.1/24.5 18 R

3 22	14 19.21	−24 32.1	1.709	2.552	14.6	13.1
4 1	14 13.81	−23 41.6	1.639	2.558	11.0	12.9
4 11	14 6.44	−22 28.8	1.593	2.564	7.0	12.7
4 21	13 58.02	−20 57.0	1.573	2.570	3.6	12.5
5 1	13 49.67	−19 13.5	1.580	2.576	4.4	12.5
5 11	13 42.46	−17 27.6	1.615	2.582	8.2	12.8
5 21	13 37.18	−15 48.5	1.674	2.587	12.1	13.0
5 31	13 34.30	−14 23.4	1.756	2.593	15.4	13.2

339497 2005 GD_{36} 4 21.5 135°.16 0°.1/21.4 17

3 22	14 18.57	−13 50.6	2.120	2.988	11.1	21.5
4 1	14 13.03	−13 17.7	2.052	2.993	7.8	21.3
4 11	14 5.94	−12 35.9	2.010	2.997	4.1	21.1
4 21	13 58.01	−11 48.7	1.996	3.001	0.2	20.7
5 1	13 50.10	−11 0.7	2.010	3.005	3.8	21.1
5 11	13 43.03	−10 16.9	2.052	3.009	7.5	21.3
5 21	13 37.44	− 9 41.3	2.120	3.012	10.8	21.5
5 31	13 33.79	− 9 17.1	2.209	3.016	13.7	21.7

80023 1999 JY_{1} 4 21.5 128°.32 3°.4/18.5 18

3 22	14 23.74	−12 55.1	1.183	2.071	16.6	19.2
4 1	14 17.26	−10 8.8	1.134	2.086	11.3	19.0
4 11	14 8.30	− 7 4.1	1.110	2.100	5.9	18.7
4 21	13 58.12	− 3 57.1	1.113	2.113	3.8	18.6
5 1	13 48.26	− 1 5.9	1.143	2.125	8.4	18.9
5 11	13 40.08	+ 1 15.0	1.199	2.136	13.5	19.2
5 21	13 34.47	+ 2 58.4	1.277	2.147	18.0	19.5
5 31	13 31.84	+ 4 3.9	1.371	2.156	21.5	19.8

12378 1994 PK_{1} 4 21.5 266°.80 5°.6/16.4 18

3 22	14 22.60	+ 4 23.1	2.237	3.110	10.5	19.1
4 1	14 15.95	+ 5 6.2	2.149	3.082	8.0	18.9
4 11	14 7.57	+ 5 44.5	2.088	3.054	6.0	18.7
4 21	13 58.12	+ 6 12.6	2.054	3.025	5.9	18.6
5 1	13 48.43	+ 6 26.0	2.048	2.996	7.9	18.7
5 11	13 39.41	+ 6 21.7	2.070	2.966	10.8	18.8
5 21	13 31.81	+ 5 59.0	2.115	2.935	13.7	19.0
5 31	13 26.19	+ 5 18.6	2.179	2.904	16.2	19.1

432979 2012 PT_{3} 4 21.5 228°.32 1°.6/22.9 17

3 22	14 19.43	−18 36.3	2.105	2.959	11.8	21.9
4 1	14 13.77	−18 18.0	2.025	2.954	8.6	21.7
4 11	14 6.41	−17 47.0	1.969	2.949	5.0	21.4
4 21	13 58.06	−17 5.6	1.941	2.943	1.8	21.2
5 1	13 49.61	−16 17.7	1.941	2.937	3.6	21.3
5 11	13 41.99	−15 28.6	1.969	2.931	7.3	21.5
5 21	13 35.90	−14 43.5	2.022	2.924	10.8	21.7
5 31	13 31.86	−14 6.8	2.097	2.918	13.8	21.9

146680 2001 VQ_{7} 4 21.5 29°.86 0°.4/21.2 17

3 22	14 20.04	−12 42.0	1.509	2.392	14.0	19.9
4 1	14 14.52	−12 17.6	1.449	2.396	9.8	19.6
4 11	14 6.89	−11 43.1	1.412	2.401	5.1	19.4
4 21	13 58.08	−11 2.7	1.401	2.406	0.4	19.0
5 1	13 49.28	−10 22.4	1.416	2.411	4.9	19.4
5 11	13 41.67	− 9 48.4	1.456	2.417	9.5	19.7
5 21	13 36.08	− 9 25.4	1.520	2.423	13.7	19.9
5 31	13 33.05	− 9 16.5	1.602	2.429	17.1	20.2

311496 2005 WQ_{42} 4 21.5 242°.64 3°.8/26.2 16

3 22	14 17.26	−28 36.6	2.775	3.578	10.8	21.6
4 1	14 12.02	−28 12.6	2.678	3.566	8.5	21.4
4 11	14 5.41	−27 32.2	2.605	3.553	6.1	21.2
4 21	13 58.01	−26 36.2	2.560	3.541	4.1	21.1
5 1	13 50.53	−25 27.5	2.543	3.528	4.1	21.0
5 11	13 43.70	−24 10.9	2.555	3.514	6.1	21.1
5 21	13 38.11	−22 51.7	2.595	3.501	8.6	21.3
5 31	13 34.19	−21 35.6	2.659	3.487	11.0	21.4

121452 1999 TW_{198} 4 21.5 190°.43 4°.0/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 23.00	−23 49.9	2.084	2.914	12.8	20.0
4 1	14 16.38	−24 13.0	2.005	2.914	9.9	19.8
4 11	14 7.83	−24 21.1	1.950	2.913	6.7	19.6
4 21	13 58.13	−24 14.1	1.922	2.912	4.3	19.4
5 1	13 48.28	−23 53.7	1.922	2.911	4.7	19.4
5 11	13 39.32	−23 24.4	1.950	2.909	7.6	19.6
5 21	13 32.07	−22 51.6	2.003	2.908	10.8	19.8
5 31	13 27.09	−22 20.7	2.079	2.906	13.7	20.0

292044 2006 QX_{184} 4 21.5 205°.31 2°.6/23.8 17

3 22	14 20.32	−20 51.6	2.294	3.135	11.4	21.1
4 1	14 14.31	−20 58.3	2.214	3.133	8.5	20.9
4 11	14 6.67	−20 52.8	2.160	3.132	5.4	20.7
4 21	13 58.08	−20 36.0	2.133	3.130	2.8	20.5
5 1	13 49.39	−20 10.4	2.134	3.128	3.7	20.6
5 11	13 41.47	−19 40.0	2.164	3.126	6.8	20.8
5 21	13 35.01	−19 9.5	2.220	3.123	9.9	20.9
5 31	13 30.52	−18 43.0	2.298	3.121	12.7	21.1

310498 2000 UJ_{93} 4 21.5 223°.39 3°.1/23.9 18

3 22	14 22.37	−22 21.2	1.719	2.566	14.4	20.7
4 1	14 16.22	−22 4.6	1.637	2.559	10.8	20.5
4 11	14 7.85	−21 28.9	1.579	2.551	6.9	20.2
4 21	13 58.15	−20 35.7	1.546	2.543	3.5	20.0
5 1	13 48.28	−19 29.7	1.540	2.535	4.6	20.1
5 11	13 39.45	−18 18.4	1.561	2.526	8.6	20.3
5 21	13 32.61	−17 9.7	1.607	2.517	12.7	20.5
5 31	13 28.37	−16 10.8	1.674	2.507	16.2	20.7

182082 2000 HD_{8} 4 21.5 332°.23 0°.8/20.9 17

3 22	14 20.69	−11 4.6	1.425	2.312	14.4	19.6
4 1	14 15.22	−10 52.2	1.355	2.304	10.1	19.3
4 11	14 7.39	−10 31.3	1.308	2.297	5.3	19.0
4 21	13 58.13	−10 5.9	1.286	2.290	0.8	18.7
5 1	13 48.70	− 9 41.2	1.289	2.284	5.3	19.0
5 11	13 40.41	− 9 23.1	1.317	2.278	10.3	19.2
5 21	13 34.26	− 9 16.1	1.368	2.273	14.8	19.5
5 31	13 30.87	− 9 22.9	1.437	2.268	18.5	19.7

329321 2000 TY_{31} 4 21.5 273°.26 2°.1/19.8 17

3 22	14 20.45	− 8 8.3	1.855	2.735	11.9	21.3
4 1	14 14.72	− 7 31.0	1.768	2.715	8.3	21.1
4 11	14 7.02	− 6 47.8	1.707	2.695	4.5	20.8
4 21	13 58.11	− 6 3.1	1.672	2.674	2.2	20.6
5 1	13 48.96	− 5 22.6	1.666	2.653	5.5	20.8
5 11	13 40.61	− 4 51.5	1.686	2.631	9.6	21.0
5 21	13 33.91	− 4 33.7	1.729	2.610	13.5	21.2
5 31	13 29.47	− 4 31.5	1.793	2.588	16.8	21.3

458881 2011 UL_{163} 4 21.5 239°.19 2°.6/23.5 17

3 22	14 22.58	−21 16.5	1.690	2.541	14.4	21.9
4 1	14 16.45	−20 48.9	1.602	2.527	10.7	21.6
4 11	14 8.02	−20 1.9	1.537	2.513	6.6	21.3
4 21	13 58.16	−18 57.5	1.498	2.499	2.9	21.1
5 1	13 48.07	−17 41.0	1.487	2.483	4.5	21.1
5 11	13 38.98	−16 20.6	1.503	2.467	8.9	21.3
5 21	13 31.89	−15 4.9	1.543	2.451	13.2	21.6
5 31	13 27.45	−14 0.9	1.604	2.433	17.0	21.8

203272 2001 RL_{6} 4 21.5 185°.66 2°.0/23.1 18

3 22	14 25.15	−19 17.3	1.988	2.833	12.8	21.6
4 1	14 17.86	−19 6.1	1.910	2.834	9.4	21.4
4 11	14 8.59	−18 41.0	1.856	2.833	5.6	21.2
4 21	13 58.19	−18 3.7	1.831	2.832	2.2	20.9
5 1	13 47.70	−17 18.2	1.834	2.830	4.0	21.0
5 11	13 38.20	−16 30.1	1.866	2.826	7.9	21.3
5 21	13 30.49	−15 45.1	1.924	2.822	11.5	21.5
5 31	13 25.14	−15 8.4	2.004	2.816	14.7	21.7

95836 2003 FS_{104} 4 21.5 334°.40 1°.1/20.7 17

3 22	14 19.40	−11 10.8	1.614	2.498	13.2	19.6
4 1	14 14.05	−10 38.4	1.546	2.494	9.2	19.3
4 11	14 6.66	− 9 57.4	1.502	2.491	4.8	19.1
4 21	13 58.10	− 9 12.3	1.484	2.488	1.1	18.8
5 1	13 49.47	− 8 28.9	1.492	2.485	5.1	19.1
5 11	13 41.88	− 7 53.5	1.526	2.483	9.6	19.3
5 21	13 36.18	− 7 30.3	1.584	2.480	13.6	19.6
5 31	13 32.90	− 7 22.2	1.660	2.478	17.0	19.8

393136 2013 BF_{49} 4 21.5 141°.99 0°.1/21.4 18

3 22	14 17.44	−13 16.2	2.789	3.651	9.0	21.8
4 1	14 11.94	−12 49.2	2.722	3.660	6.3	21.7
4 11	14 5.29	−12 15.8	2.682	3.668	3.3	21.5
4 21	13 58.03	−11 38.7	2.671	3.676	0.2	21.2
5 1	13 50.80	−11 1.2	2.691	3.684	3.0	21.5
5 11	13 44.22	−10 26.7	2.739	3.692	6.0	21.7
5 21	13 38.77	− 9 58.2	2.813	3.699	8.7	21.9
5 31	13 34.82	− 9 37.9	2.911	3.706	11.0	22.1

159228 2005 XD_{5} 4 21.5 175°.63 1°.1/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 22.66	−18 14.5	1.655	2.516	14.1	20.6
4 1	14 16.29	−17 25.5	1.585	2.519	10.2	20.4
4 11	14 7.81	−16 19.5	1.538	2.521	5.7	20.1
4 21	13 58.15	−15 0.8	1.518	2.522	1.3	19.8
5 1	13 48.50	−13 36.5	1.527	2.523	4.4	20.0
5 11	13 40.01	−12 15.3	1.562	2.523	9.0	20.3
5 21	13 33.53	−11 4.5	1.622	2.522	13.1	20.5
5 31	13 29.60	−10 9.5	1.702	2.521	16.6	20.8

33398 1999 CQ_{58} 4 21.5 111°.16 6°.6/26.3 18

3 22	14 28.50	−29 49.7	1.931	2.730	14.9	18.2
4 1	14 20.41	−30 43.4	1.867	2.746	12.0	18.1
4 11	14 10.01	−31 16.8	1.825	2.761	9.1	17.9
4 21	13 58.27	−31 27.6	1.809	2.776	7.0	17.8
5 1	13 46.45	−31 16.6	1.821	2.791	6.9	17.8
5 11	13 35.83	−30 48.6	1.859	2.805	8.9	18.0
5 21	13 27.35	−30 10.5	1.922	2.819	11.6	18.2
5 31	13 21.61	−29 29.9	2.008	2.832	14.2	18.4

338808 2003 WZ_{12} 4 21.5 270°.71 9°.3/30.9 18

3 22	14 25.73	−44 24.4	2.581	3.271	14.2	21.1
4 1	14 18.66	−44 52.6	2.458	3.238	12.7	21.0
4 11	14 9.24	−44 56.6	2.356	3.203	11.2	20.8
4 21	13 58.25	−44 32.5	2.276	3.168	9.9	20.6
5 1	13 46.79	−43 38.9	2.221	3.132	9.3	20.5
5 11	13 36.11	−42 18.7	2.191	3.095	9.9	20.5
5 21	13 27.26	−40 38.4	2.187	3.058	11.5	20.5
5 31	13 20.97	−38 46.8	2.207	3.019	13.5	20.6

380631 2004 VT_{19} 4 21.5 117°.09 1°.2/22.8 16

3 22	14 19.00	−19 16.3	2.136	2.988	11.7	21.5
4 1	14 13.28	−18 22.7	2.074	3.003	8.5	21.4
4 11	14 6.05	−17 15.4	2.036	3.017	4.8	21.2
4 21	13 58.08	−15 58.3	2.027	3.030	1.4	20.9
5 1	13 50.21	−14 37.1	2.047	3.043	3.5	21.1
5 11	13 43.27	−13 18.3	2.096	3.056	7.1	21.4
5 21	13 37.88	−12 7.6	2.170	3.069	10.4	21.6
5 31	13 34.41	−11 9.3	2.268	3.081	13.2	21.8

113146 2002 RX_{93} 4 21.5 221°.20 0°.9/20.6 18

3 22	14 17.64	−11 47.3	2.198	3.071	10.6	20.2
4 1	14 12.39	−10 59.6	2.123	3.067	7.4	20.0
4 11	14 5.65	−10 4.0	2.075	3.063	3.8	19.8
4 21	13 58.06	− 9 4.6	2.054	3.058	0.9	19.5
5 1	13 50.44	− 8 6.5	2.062	3.053	4.1	19.8
5 11	13 43.57	− 7 14.9	2.098	3.048	7.8	20.0
5 21	13 38.10	− 6 33.9	2.159	3.043	11.0	20.2
5 31	13 34.47	− 6 6.0	2.241	3.037	13.8	20.4

378366 2007 MR_{2} 4 21.5 229°.79 4°.6/16.7 17

3 22	14 17.61	− 1 43.7	2.050	2.936	10.6	20.9
4 1	14 12.42	− 0 19.6	1.983	2.929	7.6	20.7
4 11	14 5.68	+ 1 5.4	1.943	2.923	5.1	20.5
4 21	13 58.06	+ 2 24.5	1.931	2.915	4.9	20.5
5 1	13 50.42	+ 3 31.0	1.947	2.908	7.3	20.6
5 11	13 43.56	+ 4 20.1	1.989	2.900	10.4	20.8
5 21	13 38.16	+ 4 49.2	2.054	2.892	13.3	20.9
5 31	13 34.67	+ 4 58.0	2.138	2.884	15.9	21.1

132079 2002 CG_{165} 4 21.5 118°.88 1°.2/22.3 18

3 22	14 24.91	−16 11.9	1.566	2.432	14.5	20.1
4 1	14 17.90	−16 4.9	1.507	2.443	10.4	19.9
4 11	14 8.66	−15 45.0	1.471	2.455	5.8	19.6
4 21	13 58.21	−15 14.9	1.462	2.465	1.4	19.4
5 1	13 47.83	−14 39.2	1.479	2.476	4.5	19.6
5 11	13 38.73	−14 4.4	1.524	2.486	9.0	19.9
5 21	13 31.82	−13 36.0	1.592	2.495	13.1	20.2
5 31	13 27.60	−13 18.3	1.680	2.505	16.5	20.4

453263 2008 SK_{201} 4 21.5 150°.42 0°.1/21.6 18

3 22	14 23.10	−15 20.1	1.635	2.504	13.8	22.0
4 1	14 16.54	−14 34.2	1.572	2.512	9.8	21.7
4 11	14 7.91	−13 34.8	1.534	2.520	5.2	21.5
4 21	13 58.18	−12 26.7	1.522	2.527	0.3	21.1
5 1	13 48.50	−11 16.8	1.538	2.533	4.6	21.5
5 11	13 40.03	−10 12.7	1.581	2.539	9.2	21.7
5 21	13 33.59	− 9 20.6	1.648	2.544	13.2	22.0
5 31	13 29.67	− 8 44.2	1.735	2.548	16.6	22.2

224214 2005 SS_{32} 4 21.5 299°.50 1°.7/20.4 17

3 22	14 20.75	− 9 15.6	1.585	2.471	13.3	20.7
4 1	14 15.11	− 8 50.5	1.511	2.460	9.3	20.5
4 11	14 7.29	− 8 18.8	1.461	2.450	4.9	20.2
4 21	13 58.17	− 7 44.9	1.437	2.440	1.7	19.9
5 1	13 48.87	− 7 14.3	1.439	2.430	5.5	20.2
5 11	13 40.59	− 6 52.6	1.467	2.420	10.1	20.4
5 21	13 34.25	− 6 43.7	1.517	2.411	14.3	20.6
5 31	13 30.45	− 6 49.8	1.587	2.401	17.8	20.8

425037 2009 HT_{104} 4 21.5 298°.20 0°.2/21.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 20.92	−13 13.1	1.418	2.301	14.7	21.2
4 1	14 15.61	−12 52.9	1.333	2.280	10.5	20.9
4 11	14 7.74	−12 20.4	1.270	2.258	5.6	20.5
4 21	13 58.20	−11 39.2	1.232	2.237	0.3	20.1
5 1	13 48.25	−10 55.3	1.220	2.216	5.3	20.4
5 11	13 39.31	−10 16.0	1.233	2.195	10.7	20.6
5 21	13 32.51	− 9 47.7	1.267	2.174	15.5	20.9
5 31	13 28.63	− 9 35.0	1.320	2.154	19.7	21.1

435298 2007 TS_{433} 4 21.5 267°.52 3°.1/18.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 20.50	− 3 52.9	2.133	3.012	10.6	21.1
4 1	14 14.51	− 3 24.0	2.050	2.995	7.5	20.9
4 11	14 6.84	− 2 54.1	1.993	2.977	4.4	20.7
4 21	13 58.15	− 2 27.3	1.963	2.959	3.2	20.5
5 1	13 49.29	− 2 7.9	1.963	2.941	5.7	20.7
5 11	13 41.15	− 1 59.4	1.989	2.923	9.2	20.8
5 21	13 34.46	− 2 4.0	2.040	2.904	12.4	21.0
5 31	13 29.75	− 2 22.5	2.111	2.885	15.2	21.2

418979 2009 HJ_{106} 4 21.5 263°.32 2°.3/17.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 11.93	+ 0 10.3	4.503	5.378	5.6	21.0
4 1	14 7.84	+ 0 33.6	4.430	5.369	4.0	20.8
4 11	14 3.08	+ 0 55.4	4.384	5.360	2.7	20.7
4 21	13 57.96	+ 1 13.9	4.368	5.351	2.4	20.7
5 1	13 52.82	+ 1 27.2	4.381	5.343	3.6	20.8
5 11	13 48.00	+ 1 33.9	4.424	5.334	5.2	20.9
5 21	13 43.80	+ 1 33.1	4.492	5.325	6.7	21.0
5 31	13 40.46	+ 1 24.5	4.583	5.316	8.1	21.1

502403 2015 BG_{252} 4 21.5 51°.91 2°.7/19.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 18.40	− 7 35.8	1.725	2.613	12.2	21.0
4 1	14 13.15	− 6 37.0	1.666	2.616	8.5	20.8
4 11	14 6.11	− 5 32.9	1.631	2.620	4.6	20.6
4 21	13 58.11	− 4 29.7	1.623	2.623	2.8	20.4
5 1	13 50.14	− 3 34.0	1.643	2.627	6.0	20.6
5 11	13 43.18	− 2 51.4	1.688	2.630	9.9	20.9
5 21	13 37.95	− 2 25.5	1.756	2.634	13.4	21.1
5 31	13 34.92	− 2 17.4	1.843	2.638	16.4	21.3

419584 2010 RC_{94} 4 21.5 289°.10 1°.5/22.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 20.02	−18 18.7	1.445	2.317	15.1	21.7
4 1	14 14.97	−17 46.0	1.358	2.297	11.1	21.4
4 11	14 7.40	−16 53.8	1.292	2.276	6.4	21.0
4 21	13 58.21	−15 45.4	1.252	2.255	1.8	20.7
5 1	13 48.65	−14 27.2	1.237	2.234	4.9	20.8
5 11	13 40.12	−13 8.6	1.247	2.213	10.1	21.1
5 21	13 33.73	−11 58.8	1.280	2.193	15.0	21.3
5 31	13 30.22	−11 5.0	1.332	2.172	19.2	21.5

162616 2000 SU_{104} 4 21.5 168°.41 0°.6/22.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 23.67	−15 42.3	1.950	2.809	12.4	21.1
4 1	14 16.76	−15 17.5	1.880	2.815	8.8	20.9
4 11	14 8.01	−14 41.6	1.835	2.819	4.8	20.7
4 21	13 58.23	−13 57.3	1.818	2.823	0.8	20.4
5 1	13 48.45	−13 9.6	1.830	2.826	3.9	20.6
5 11	13 39.67	−12 23.9	1.870	2.828	8.0	20.9
5 21	13 32.65	−11 45.2	1.936	2.829	11.7	21.1
5 31	13 27.89	−11 17.5	2.023	2.830	14.7	21.3

470194 2006 VH_{42} 4 21.5 233°.90 1°.0/20.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 17.64	−10 19.1	2.561	3.431	9.4	22.1
4 1	14 12.27	− 9 44.3	2.479	3.421	6.5	21.9
4 11	14 5.58	− 9 4.0	2.423	3.411	3.4	21.7
4 21	13 58.11	− 8 21.3	2.396	3.400	1.0	21.5
5 1	13 50.57	− 7 40.1	2.399	3.389	3.8	21.7
5 11	13 43.64	− 7 4.3	2.430	3.377	7.0	21.9
5 21	13 37.91	− 6 37.1	2.487	3.366	10.0	22.1
5 31	13 33.79	− 6 20.6	2.567	3.353	12.5	22.2

201051 2002 ED_{35} 4 21.5 87°.40 6°.0/17.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 23.64	− 0 0.2	1.457	2.347	13.9	20.1
4 1	14 16.76	+ 1 17.8	1.426	2.372	10.0	19.9
4 11	14 7.92	+ 2 31.1	1.419	2.397	6.8	19.8
4 21	13 58.23	+ 3 31.5	1.438	2.422	6.3	19.8
5 1	13 48.88	+ 4 12.2	1.483	2.446	9.0	20.0
5 11	13 40.98	+ 4 29.9	1.553	2.470	12.4	20.3
5 21	13 35.22	+ 4 24.5	1.643	2.493	15.6	20.5
5 31	13 31.99	+ 3 58.4	1.752	2.515	18.3	20.8

153723 2001 UG_{114} 4 21.5 100°.83 1°.0/20.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.81	−10 42.7	1.760	2.637	12.6	20.8
4 1	14 15.51	−10 18.2	1.702	2.647	8.8	20.6
4 11	14 7.35	− 9 46.9	1.669	2.658	4.5	20.3
4 21	13 58.21	− 9 12.7	1.663	2.668	1.0	20.1
5 1	13 49.14	− 8 40.5	1.685	2.678	4.7	20.4
5 11	13 41.15	− 8 15.2	1.734	2.687	8.8	20.6
5 21	13 35.00	− 8 0.4	1.806	2.697	12.5	20.9
5 31	13 31.14	− 7 58.2	1.899	2.706	15.6	21.1

320635 2008 CG_{79} 4 21.5 153°.86 4°.6/16.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 16.85	+ 2 33.8	2.627	3.505	8.9	21.2
4 1	14 11.57	+ 3 33.4	2.573	3.510	6.6	21.1
4 11	14 5.14	+ 4 29.4	2.546	3.515	4.9	21.0
4 21	13 58.10	+ 5 17.3	2.547	3.520	4.8	21.0
5 1	13 51.10	+ 5 53.1	2.577	3.524	6.5	21.1
5 11	13 44.77	+ 6 14.2	2.634	3.529	8.8	21.2
5 21	13 39.60	+ 6 19.7	2.714	3.532	11.0	21.4
5 31	13 35.94	+ 6 9.9	2.815	3.536	13.0	21.6

370968 2005 SK_{160} 4 21.5 286°.99 1°.6/22.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.01	−17 19.4	1.639	2.506	13.9	21.3
4 1	14 15.38	−17 11.5	1.556	2.493	10.2	21.0
4 11	14 7.51	−16 49.6	1.497	2.479	5.9	20.7
4 21	13 58.23	−16 15.7	1.463	2.466	1.8	20.4
5 1	13 48.69	−15 34.3	1.456	2.452	4.4	20.6
5 11	13 40.12	−14 51.7	1.474	2.439	9.0	20.8
5 21	13 33.50	−14 14.2	1.517	2.426	13.3	21.0
5 31	13 29.48	−13 47.1	1.579	2.413	17.0	21.2

275357 2011 AN_{30} 4 21.5 61°.49 2°.3/19.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 20.90	− 8 10.1	1.532	2.420	13.5	20.8
4 1	14 14.96	− 7 29.3	1.485	2.436	9.3	20.6
4 11	14 7.07	− 6 43.5	1.463	2.452	4.9	20.4
4 21	13 58.20	− 5 58.4	1.467	2.468	2.4	20.3
5 1	13 49.51	− 5 20.3	1.497	2.485	5.8	20.5
5 11	13 42.06	− 4 54.2	1.552	2.502	10.0	20.8
5 21	13 36.61	− 4 43.1	1.631	2.518	13.8	21.1
5 31	13 33.59	− 4 48.0	1.728	2.535	16.9	21.3

141155 2001 XN_{114} 4 21.5 186°.62 0°.2/21.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 17.95	−12 45.3	3.106	3.964	8.3	21.1
4 1	14 12.27	−12 21.6	3.028	3.964	5.8	21.0
4 11	14 5.50	−11 52.4	2.977	3.962	3.0	20.8
4 21	13 58.13	−11 19.8	2.956	3.961	0.2	20.5
5 1	13 50.73	−10 46.7	2.965	3.958	2.9	20.7
5 11	13 43.88	−10 16.1	3.005	3.956	5.7	20.9
5 21	13 38.06	− 9 50.7	3.071	3.952	8.2	21.1
5 31	13 33.61	− 9 32.6	3.161	3.948	10.4	21.2

291963 2006 QO_{54} 4 21.5 261°.90 1°.6/22.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 23.20	−16 59.3	1.687	2.550	13.8	21.5
4 1	14 16.94	−16 56.4	1.600	2.534	10.1	21.2
4 11	14 8.36	−16 40.4	1.536	2.518	5.8	20.9
4 21	13 58.28	−16 12.9	1.498	2.501	1.8	20.6
5 1	13 47.88	−15 37.8	1.488	2.484	4.4	20.7
5 11	13 38.42	−15 0.9	1.504	2.467	9.1	21.0
5 21	13 30.89	−14 28.3	1.544	2.449	13.4	21.2
5 31	13 26.01	−14 5.3	1.605	2.431	17.1	21.4

497654 2006 RO_{61} 4 21.5 304°.86 1°.3/22.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 20.50	−16 12.1	1.361	2.241	15.4	21.0
4 1	14 15.48	−16 1.6	1.274	2.218	11.2	20.7
4 11	14 7.77	−15 35.5	1.209	2.195	6.4	20.3
4 21	13 58.26	−14 56.3	1.168	2.172	1.5	19.9
5 1	13 48.28	−14 9.2	1.153	2.150	5.1	20.1
5 11	13 39.33	−13 22.1	1.161	2.128	10.6	20.3
5 21	13 32.61	−12 42.8	1.191	2.107	15.6	20.6
5 31	13 28.95	−12 17.4	1.240	2.086	20.0	20.8

58603 1997 TM_{25} 4 21.5 232°.02 0°.3/21.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 24.93	−12 21.9	1.841	2.708	12.6	19.9
4 1	14 17.94	−12 4.9	1.755	2.694	9.0	19.7
4 11	14 8.79	−11 39.2	1.693	2.680	4.7	19.4
4 21	13 58.31	−11 7.5	1.659	2.664	0.4	19.0
5 1	13 47.57	−10 34.4	1.654	2.648	4.6	19.3
5 11	13 37.72	−10 5.1	1.677	2.631	9.0	19.5
5 21	13 29.69	− 9 44.2	1.724	2.613	13.1	19.7
5 31	13 24.11	− 9 35.0	1.792	2.594	16.5	19.9

435249 2007 TX_{39} 4 21.5 83°.10 0°.7/20.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 18.32	−13 13.9	2.310	3.177	10.4	21.1
4 1	14 12.60	−12 4.3	2.266	3.207	7.2	20.9
4 11	14 5.65	−10 47.3	2.249	3.236	3.6	20.8
4 21	13 58.14	− 9 27.7	2.261	3.265	0.8	20.6
5 1	13 50.83	− 8 11.2	2.303	3.294	3.8	20.9
5 11	13 44.42	− 7 2.9	2.374	3.322	7.1	21.1
5 21	13 39.39	− 6 6.7	2.470	3.350	10.0	21.3
5 31	13 36.07	− 5 24.6	2.589	3.377	12.4	21.5

132216 2002 EU_{63} 4 21.5 172°.60 4°.0/25.1 17 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 22.36	−25 24.3	2.225	3.046	12.5	21.0
4 1	14 15.84	−25 31.6	2.147	3.049	9.6	20.8
4 11	14 7.55	−25 22.7	2.093	3.051	6.7	20.6
4 21	13 58.25	−24 58.1	2.066	3.053	4.3	20.5
5 1	13 48.86	−24 20.3	2.067	3.054	4.6	20.5
5 11	13 40.34	−23 34.1	2.096	3.055	7.2	20.7
5 21	13 33.45	−22 45.1	2.151	3.055	10.2	20.8
5 31	13 28.68	−21 59.1	2.229	3.055	12.9	21.0

204764 2006 JW_{59} 4 21.5 48°.84 0°.1/21.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 20.74	−14 36.5	1.208	2.096	16.3	20.5
4 1	14 15.31	−13 54.9	1.159	2.108	11.5	20.2
4 11	14 7.42	−12 58.5	1.133	2.121	6.0	20.0
4 21	13 58.24	−11 53.4	1.130	2.135	0.3	19.6
5 1	13 49.21	−10 48.2	1.152	2.148	5.4	20.0
5 11	13 41.72	− 9 51.8	1.198	2.162	10.7	20.3
5 21	13 36.66	− 9 10.7	1.265	2.177	15.2	20.6
5 31	13 34.52	− 8 48.3	1.351	2.191	19.0	20.9

431532 2007 TE_{317} 4 21.5 149°.14 0°.9/20.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 17.43	−11 47.5	2.503	3.371	9.6	21.6
4 1	14 12.06	−10 56.7	2.437	3.379	6.7	21.4
4 11	14 5.43	− 9 59.3	2.398	3.385	3.4	21.2
4 21	13 58.15	− 8 59.0	2.388	3.392	0.9	21.0
5 1	13 50.90	− 8 0.5	2.407	3.398	3.7	21.2
5 11	13 44.37	− 7 8.2	2.455	3.403	6.9	21.4
5 21	13 39.08	− 6 25.5	2.530	3.409	9.8	21.6
5 31	13 35.41	− 5 54.9	2.626	3.413	12.3	21.8

491117 2011 SZ_{98} 4 21.5 190°.21 0°.0/21.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 17.49	−13 50.1	2.864	3.723	8.9	23.0
4 1	14 12.05	−13 22.8	2.785	3.721	6.2	22.9
4 11	14 5.42	−12 48.8	2.734	3.719	3.3	22.7
4 21	13 58.15	−12 10.4	2.712	3.717	0.2	22.4
5 1	13 50.85	−11 30.9	2.721	3.715	3.0	22.6
5 11	13 44.14	−10 53.7	2.758	3.712	6.0	22.8
5 21	13 38.53	−10 22.1	2.822	3.708	8.7	23.0
5 31	13 34.39	− 9 58.5	2.910	3.704	11.0	23.1

102561 1999 UX_{27} 4 21.5 129°.16 1°.0/20.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 18.77	−12 0.2	2.158	3.030	10.9	20.5
4 1	14 13.12	−11 2.0	2.098	3.041	7.5	20.3
4 11	14 6.02	− 9 56.1	2.064	3.052	3.8	20.1
4 21	13 58.18	− 8 47.0	2.059	3.063	1.0	19.9
5 1	13 50.42	− 7 40.4	2.082	3.073	4.2	20.1
5 11	13 43.53	− 6 41.7	2.134	3.083	7.8	20.3
5 21	13 38.10	− 5 54.9	2.211	3.092	10.9	20.6
5 31	13 34.53	− 5 22.3	2.310	3.101	13.6	20.8

390989 2005 SV_{59} 4 21.5 223°.12 1°.5/22.9 14 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 20.88	−17 20.0	2.557	3.404	10.2	21.3
4 1	14 14.61	−17 31.5	2.474	3.400	7.4	21.1
4 11	14 6.86	−17 34.6	2.417	3.395	4.4	20.9
4 21	13 58.23	−17 30.1	2.389	3.390	1.7	20.7
5 1	13 49.49	−17 20.1	2.390	3.385	3.2	20.8
5 11	13 41.40	−17 7.6	2.420	3.380	6.3	21.0
5 21	13 34.61	−16 55.8	2.478	3.374	9.3	21.1
5 31	13 29.58	−16 47.9	2.558	3.369	11.9	21.3

253839 2003 YL_{116} 4 21.5 178°.95 1°.3/20.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 22.40	−10 10.6	2.006	2.877	11.5	21.1
4 1	14 15.83	− 9 35.1	1.936	2.879	8.0	20.9
4 11	14 7.53	− 8 53.1	1.893	2.880	4.2	20.7
4 21	13 58.27	− 8 8.6	1.877	2.881	1.3	20.4
5 1	13 48.99	− 7 26.5	1.891	2.881	4.6	20.7
5 11	13 40.63	− 6 51.8	1.932	2.880	8.5	20.9
5 21	13 33.91	− 6 27.9	1.999	2.879	12.0	21.1
5 31	13 29.32	− 6 17.2	2.086	2.877	14.9	21.3

73072 2002 FC_{38} 4 21.5 292°.78 1°.1/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 23.01	−10 26.5	1.413	2.298	14.6	19.2
4 1	14 17.16	−10 13.4	1.326	2.275	10.4	18.9
4 11	14 8.64	− 9 51.9	1.263	2.252	5.5	18.5
4 21	13 58.34	− 9 25.9	1.224	2.229	1.1	18.1
5 1	13 47.56	− 9 0.6	1.211	2.205	5.8	18.4
5 11	13 37.77	− 8 42.4	1.223	2.182	11.2	18.6
5 21	13 30.17	− 8 36.3	1.257	2.159	16.0	18.8
5 31	13 25.56	− 8 45.5	1.310	2.136	20.2	19.0

345974 2007 TL_{110} 4 21.5 303°.79 3°.7/24.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.52	−23 19.7	1.756	2.602	14.1	21.0
4 1	14 14.52	−23 8.7	1.646	2.566	10.9	20.7
4 11	14 7.20	−22 37.8	1.559	2.529	7.2	20.4
4 21	13 58.27	−21 47.1	1.496	2.492	4.0	20.1
5 1	13 48.81	−20 39.8	1.460	2.455	4.9	20.1
5 11	13 40.07	−19 22.9	1.451	2.418	8.9	20.2
5 21	13 33.13	−18 4.8	1.465	2.380	13.3	20.4
5 31	13 28.79	−16 54.0	1.501	2.343	17.3	20.5

422708 2000 SS_{132} 4 21.5 273°.47 7°.6/27.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 22.87	−33 4.9	1.906	2.697	15.3	20.8
4 1	14 16.84	−33 36.6	1.809	2.679	12.8	20.6
4 11	14 8.38	−33 45.4	1.734	2.661	10.2	20.4
4 21	13 58.33	−33 28.5	1.682	2.642	8.1	20.2
5 1	13 47.86	−32 46.3	1.656	2.624	7.7	20.1
5 11	13 38.30	−31 43.7	1.656	2.605	9.5	20.2
5 21	13 30.72	−30 28.8	1.679	2.586	12.4	20.3
5 31	13 25.88	−29 10.8	1.725	2.566	15.5	20.5

229775 2008 LM_{15} 4 21.5 234°.59 1°.9/19.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 20.19	− 8 36.7	2.223	3.097	10.5	21.2
4 1	14 14.26	− 7 48.1	2.138	3.082	7.3	20.9
4 11	14 6.73	− 6 53.6	2.080	3.067	3.9	20.7
4 21	13 58.24	− 5 57.5	2.050	3.051	1.9	20.5
5 1	13 49.61	− 5 4.8	2.049	3.034	4.8	20.7
5 11	13 41.69	− 4 20.7	2.076	3.017	8.4	20.9
5 21	13 35.18	− 3 48.6	2.129	2.999	11.7	21.0
5 31	13 30.57	− 3 30.9	2.202	2.980	14.6	21.2

505154 2012 PK_{22} 4 21.5 224°.82 6°.9/27.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 22.51	−33 35.6	2.166	2.947	14.1	21.7
4 1	14 16.23	−34 1.2	2.079	2.941	11.7	21.5
4 11	14 7.90	−34 5.4	2.014	2.936	9.3	21.4
4 21	13 58.30	−33 46.5	1.973	2.930	7.4	21.2
5 1	13 48.50	−33 5.8	1.959	2.923	7.0	21.2
5 11	13 39.61	−32 8.0	1.971	2.916	8.5	21.3
5 21	13 32.50	−30 59.9	2.008	2.910	10.9	21.4
5 31	13 27.78	−29 49.3	2.068	2.902	13.5	21.6

246415 2007 VQ_{1} 4 21.5 108°.79 1°.3/20.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 18.14	− 9 50.5	2.353	3.226	10.0	20.8
4 1	14 12.58	− 9 7.2	2.297	3.241	6.9	20.7
4 11	14 5.71	− 8 18.9	2.268	3.255	3.6	20.5
4 21	13 58.19	− 7 29.7	2.266	3.269	1.3	20.3
5 1	13 50.75	− 6 43.7	2.295	3.283	4.1	20.6
5 11	13 44.10	− 6 5.1	2.351	3.297	7.3	20.8
5 21	13 38.78	− 5 36.9	2.433	3.310	10.2	21.0
5 31	13 35.17	− 5 20.7	2.536	3.323	12.7	21.2

125749 2001 XT_{121} 4 21.5 42°.66 1°.6/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.79	−18 55.1	1.201	2.082	17.0	19.1
4 1	14 14.77	−18 11.1	1.147	2.090	12.3	18.8
4 11	14 7.21	−17 5.9	1.114	2.099	7.0	18.6
4 21	13 58.27	−15 44.9	1.105	2.109	1.9	18.3
5 1	13 49.43	−14 17.4	1.120	2.119	5.1	18.5
5 11	13 42.11	−12 54.6	1.159	2.129	10.4	18.8
5 21	13 37.24	−11 45.5	1.220	2.140	15.1	19.1
5 31	13 35.35	−10 55.8	1.300	2.151	19.0	19.4

216090 2006 QK_{136} 4 21.5 214°.79 0°.0/21.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 20.87	−15 19.6	2.072	2.934	11.6	21.3
4 1	14 14.83	−14 27.6	1.988	2.925	8.3	21.1
4 11	14 7.05	−13 23.3	1.931	2.916	4.4	20.8
4 21	13 58.27	−12 10.8	1.901	2.906	0.2	20.5
5 1	13 49.40	−10 55.8	1.902	2.896	4.0	20.8
5 11	13 41.35	− 9 44.8	1.930	2.885	8.0	21.0
5 21	13 34.88	− 8 43.5	1.984	2.873	11.7	21.2
5 31	13 30.47	− 7 56.1	2.060	2.860	14.7	21.4

249672 1999 VE_{155} 4 21.5 244°.23 0°.3/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 16.83	−15 1.5	2.639	3.499	9.5	21.7
4 1	14 11.73	−14 31.3	2.553	3.489	6.7	21.5
4 11	14 5.33	−13 52.7	2.494	3.478	3.6	21.2
4 21	13 58.19	−13 8.2	2.463	3.468	0.4	20.9
5 1	13 50.96	−12 21.4	2.462	3.457	3.1	21.2
5 11	13 44.34	−11 36.6	2.489	3.446	6.3	21.4
5 21	13 38.87	−10 57.3	2.543	3.434	9.3	21.5
5 31	13 34.98	−10 26.7	2.619	3.423	11.9	21.7

436011 2009 HR_{16} 4 21.5 260°.23 2°.8/18.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 16.21	− 6 7.4	2.257	3.139	10.0	21.3
4 1	14 11.39	− 5 2.1	2.185	3.133	6.9	21.1
4 11	14 5.18	− 3 53.1	2.141	3.127	3.9	20.9
4 21	13 58.19	− 2 45.5	2.124	3.121	2.9	20.8
5 1	13 51.16	− 1 44.8	2.137	3.114	5.4	21.0
5 11	13 44.84	− 0 55.7	2.176	3.108	8.6	21.1
5 21	13 39.81	− 0 21.3	2.240	3.102	11.6	21.3
5 31	13 36.51	− 0 3.1	2.324	3.095	14.1	21.5

174141 2002 NO_{52} 4 21.5 301°.81 3°.0/19.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 20.34	− 7 30.4	1.389	2.283	14.2	20.2
4 1	14 15.22	− 6 47.2	1.307	2.260	10.1	19.9
4 11	14 7.60	− 5 56.7	1.247	2.237	5.5	19.6
4 21	13 58.33	− 5 5.0	1.213	2.214	3.1	19.4
5 1	13 48.68	− 4 19.7	1.203	2.191	7.0	19.5
5 11	13 40.03	− 3 48.2	1.218	2.169	12.0	19.7
5 21	13 33.50	− 3 35.3	1.253	2.146	16.7	19.9
5 31	13 29.83	− 3 43.3	1.307	2.125	20.7	20.1

315485 2007 YS_{67} 4 21.5 91°.34 1°.8/20.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 24.00	− 8 52.8	1.559	2.441	13.7	20.7
4 1	14 17.17	− 8 28.3	1.509	2.457	9.5	20.5
4 11	14 8.29	− 7 58.5	1.484	2.472	4.9	20.2
4 21	13 58.37	− 7 27.9	1.484	2.488	1.8	20.1
5 1	13 48.60	− 7 1.7	1.512	2.503	5.4	20.3
5 11	13 40.12	− 6 44.8	1.566	2.518	9.8	20.6
5 21	13 33.73	− 6 40.2	1.643	2.532	13.6	20.9
5 31	13 29.89	− 6 49.4	1.740	2.547	16.8	21.1

437262 2012 XD_{115} 4 21.5 128°.70 1°.8/20.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 20.00	− 7 22.7	2.240	3.115	10.3	21.3
4 1	14 14.00	− 7 2.8	2.176	3.120	7.2	21.1
4 11	14 6.54	− 6 40.0	2.137	3.125	3.8	20.9
4 21	13 58.28	− 6 17.7	2.127	3.129	1.8	20.7
5 1	13 50.03	− 5 59.3	2.146	3.133	4.5	20.9
5 11	13 42.58	− 5 48.2	2.193	3.138	7.8	21.1
5 21	13 36.54	− 5 46.4	2.265	3.142	10.9	21.3
5 31	13 32.36	− 5 55.4	2.358	3.146	13.5	21.5

123487 2000 WY_{166} 4 21.5 180°.13 1°.2/20.5 18

3 22	14 19.58	−10 57.5	2.030	2.904	11.3	20.0
4 1	14 13.86	−10 14.6	1.961	2.905	7.9	19.7
4 11	14 6.52	− 9 24.4	1.918	2.906	4.1	19.5
4 21	13 58.28	− 8 31.1	1.902	2.906	1.2	19.3
5 1	13 50.02	− 7 40.0	1.915	2.906	4.5	19.5
5 11	13 42.63	− 6 56.3	1.955	2.905	8.3	19.7
5 21	13 36.78	− 6 23.8	2.020	2.904	11.7	20.0
5 31	13 32.94	− 6 5.0	2.107	2.903	14.6	20.2

271848 2004 TC_{241} 4 21.6 203°.60 0°.4/21.9 18

3 22	14 18.64	−17 5.3	2.214	3.072	11.2	21.3
4 1	14 13.16	−16 3.6	2.134	3.068	8.0	21.0
4 11	14 6.14	−14 48.9	2.080	3.064	4.3	20.8
4 21	13 58.27	−13 25.2	2.054	3.059	0.6	20.5
5 1	13 50.37	−11 58.4	2.059	3.054	3.6	20.7
5 11	13 43.27	−10 35.1	2.092	3.048	7.4	21.0
5 21	13 37.61	− 9 21.0	2.151	3.042	10.8	21.2
5 31	13 33.83	− 8 20.6	2.233	3.036	13.7	21.3

288557 2004 HQ 4 21.6 149°.63 10°.5/18.3 17

3 22	14 38.13	+10 52.3	1.159	2.028	18.2	19.8
4 1	14 27.72	+11 0.6	1.108	2.033	14.5	19.6
4 11	14 14.06	+10 47.1	1.080	2.038	11.3	19.4
4 21	13 58.69	+10 4.0	1.075	2.042	10.6	19.4
5 1	13 43.56	+ 8 48.8	1.096	2.046	12.9	19.5
5 11	13 30.51	+ 7 5.0	1.140	2.049	16.6	19.7
5 21	13 20.72	+ 4 59.9	1.206	2.052	20.4	20.0
5 31	13 14.72	+ 2 41.3	1.289	2.054	23.6	20.2

417316 2006 BX_{163} 4 21.6 298°.13 5°.6/25.9 17

3 22	14 21.69	−27 47.4	1.829	2.652	14.7	20.5
4 1	14 15.83	−28 9.7	1.749	2.647	11.7	20.2
4 11	14 7.77	−28 11.9	1.691	2.642	8.5	20.0
4 21	13 58.36	−27 53.1	1.657	2.638	6.0	19.9
5 1	13 48.76	−27 15.3	1.650	2.633	6.1	19.9
5 11	13 40.15	−26 24.3	1.669	2.629	8.6	20.0
5 21	13 33.47	−25 27.2	1.713	2.625	11.9	20.2
5 31	13 29.35	−24 31.8	1.777	2.621	15.0	20.4

237933 2002 QN_{55} 4 21.6 221°.12 0°.8/20.8 18

3 22	14 19.34	−11 8.8	2.180	3.051	10.7	21.2
4 1	14 13.67	−10 40.9	2.104	3.047	7.5	21.0
4 11	14 6.43	−10 6.4	2.055	3.042	3.9	20.7
4 21	13 58.29	− 9 28.7	2.033	3.037	0.8	20.5
5 1	13 50.09	− 8 51.9	2.040	3.032	4.1	20.7
5 11	13 42.66	− 8 20.4	2.075	3.027	7.7	20.9
5 21	13 36.66	− 7 57.8	2.135	3.022	11.0	21.1
5 31	13 32.56	− 7 46.4	2.217	3.016	13.9	21.3

332065 2005 SM_{102} 4 21.6 138°.12 1°.5/22.9 17

3 22	14 20.67	−18 38.3	1.897	2.754	12.8	21.0
4 1	14 14.75	−18 9.2	1.829	2.760	9.3	20.8
4 11	14 7.03	−17 26.0	1.786	2.766	5.3	20.6
4 21	13 58.33	−16 31.8	1.769	2.772	1.7	20.4
5 1	13 49.64	−15 31.6	1.781	2.778	3.8	20.5
5 11	13 41.96	−14 31.9	1.821	2.783	7.8	20.8
5 21	13 36.01	−13 38.6	1.885	2.788	11.4	21.0
5 31	13 32.27	−12 56.2	1.971	2.793	14.5	21.2

38745 2000 QM_{186} 4 21.6 190°.36 2°.3/19.8 18

3 22	14 23.63	− 7 37.0	1.794	2.672	12.4	19.4
4 1	14 16.89	− 6 58.4	1.725	2.671	8.6	19.2
4 11	14 8.20	− 6 15.0	1.682	2.669	4.6	19.0
4 21	13 58.40	− 5 31.5	1.666	2.667	2.4	18.8
5 1	13 48.55	− 4 53.6	1.678	2.664	5.6	19.0
5 11	13 39.72	− 4 26.2	1.718	2.661	9.7	19.2
5 21	13 32.72	− 4 12.6	1.781	2.657	13.4	19.5
5 31	13 28.07	− 4 14.3	1.864	2.652	16.5	19.7

205470 2001 QV_{117} 4 21.6 193°.92 3°.2/24.2 18

3 22	14 24.79	−22 45.9	1.881	2.717	13.7	21.0
4 1	14 17.83	−22 36.4	1.800	2.715	10.4	20.8
4 11	14 8.76	−22 9.3	1.743	2.713	6.7	20.6
4 21	13 58.43	−21 25.7	1.713	2.709	3.5	20.4
5 1	13 47.98	−20 29.5	1.711	2.704	4.5	20.4
5 11	13 38.56	−19 27.2	1.737	2.699	8.1	20.6
5 21	13 31.04	−18 26.1	1.788	2.693	11.9	20.8
5 31	13 26.02	−17 32.5	1.862	2.686	15.2	21.0

248575 2006 BC_{33} 4 21.6 302°.22 5°.6/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 17.69	−41 33.6	4.321	5.013	8.8	20.8
4 1	14 12.22	−42 9.0	4.223	5.004	7.8	20.7
4 11	14 5.60	−42 31.1	4.147	4.995	6.7	20.6
4 21	13 58.27	−42 38.9	4.096	4.986	5.9	20.5
5 1	13 50.77	−42 32.4	4.071	4.977	5.6	20.5
5 11	13 43.68	−42 13.2	4.073	4.968	6.0	20.5
5 21	13 37.50	−41 44.0	4.100	4.959	6.8	20.6
5 31	13 32.62	−41 8.0	4.152	4.950	7.9	20.6

289920 2005 NU_{23} 4 21.6 148°.24 4°.2/16.7 18

3 22	14 16.48	− 0 22.4	2.399	3.282	9.4	21.0
4 1	14 11.46	+ 0 47.1	2.342	3.285	6.8	20.8
4 11	14 5.18	+ 1 55.3	2.312	3.289	4.7	20.7
4 21	13 58.24	+ 2 56.8	2.310	3.292	4.5	20.7
5 1	13 51.33	+ 3 46.9	2.337	3.295	6.5	20.8
5 11	13 45.12	+ 4 21.9	2.390	3.298	9.1	21.0
5 21	13 40.16	+ 4 40.4	2.467	3.301	11.6	21.2
5 31	13 36.81	+ 4 42.2	2.564	3.303	13.7	21.3

255708 2006 QP_{99} 4 21.6 267°.91 3°.4/19.2 17

3 22	14 22.89	− 4 53.3	1.601	2.487	13.1	20.3
4 1	14 16.69	− 4 19.9	1.525	2.473	9.3	20.0
4 11	14 8.24	− 3 43.9	1.472	2.459	5.3	19.7
4 21	13 58.41	− 3 10.9	1.446	2.444	3.6	19.6
5 1	13 48.37	− 2 46.7	1.447	2.429	6.8	19.7
5 11	13 39.32	− 2 36.1	1.473	2.415	11.1	19.9
5 21	13 32.22	− 2 42.0	1.521	2.399	15.1	20.2
5 31	13 27.71	− 3 5.1	1.589	2.384	18.6	20.3

205690 2001 YM_{115} 4 21.6 132°.43 2°.7/23.5 18

3 22	14 25.09	−20 18.4	1.634	2.486	14.7	20.1
4 1	14 18.11	−20 15.3	1.571	2.497	10.9	19.8
4 11	14 8.89	−19 55.7	1.531	2.507	6.6	19.6
4 21	13 58.44	−19 21.2	1.517	2.516	3.0	19.4
5 1	13 48.02	−18 36.3	1.530	2.525	4.5	19.5
5 11	13 38.85	−17 47.9	1.570	2.534	8.7	19.8
5 21	13 31.83	−17 2.7	1.634	2.542	12.6	20.0
5 31	13 27.49	−16 26.5	1.719	2.549	16.0	20.3

338622 2003 SE_{247} 4 21.6 250°.30 2°.0/19.3 18

3 22	14 17.86	− 9 28.9	2.203	3.080	10.4	21.1
4 1	14 12.67	− 8 14.7	2.118	3.064	7.3	20.9
4 11	14 5.93	− 6 52.5	2.060	3.047	3.9	20.6
4 21	13 58.29	− 5 27.6	2.030	3.031	2.1	20.5
5 1	13 50.53	− 4 6.3	2.030	3.013	5.0	20.7
5 11	13 43.47	− 2 54.9	2.057	2.996	8.6	20.8
5 21	13 37.77	− 1 57.9	2.110	2.978	11.9	21.0
5 31	13 33.92	− 1 18.0	2.184	2.959	14.8	21.2

245230 2004 XL_{106} 4 21.6 196°.18 1°.6/20.3 18

3 22	14 24.53	− 9 1.4	1.966	2.836	11.8	21.0
4 1	14 17.44	− 8 32.3	1.891	2.833	8.2	20.8
4 11	14 8.47	− 7 57.7	1.843	2.830	4.3	20.6
4 21	13 58.43	− 7 21.5	1.822	2.825	1.6	20.4
5 1	13 48.30	− 6 48.2	1.831	2.820	4.9	20.6
5 11	13 39.10	− 6 22.5	1.868	2.813	8.9	20.8
5 21	13 31.61	− 6 7.8	1.929	2.806	12.5	21.0
5 31	13 26.36	− 6 6.2	2.012	2.798	15.5	21.2

363086 2000 RK_{80} 4 21.6 191°.36 0°.3/21.3 16

3 22	14 21.45	−14 42.3	1.708	2.579	13.2	21.2
4 1	14 15.47	−13 47.0	1.636	2.578	9.4	20.9
4 11	14 7.49	−12 38.4	1.590	2.576	4.9	20.7
4 21	13 58.38	−11 21.5	1.570	2.575	0.3	20.3
5 1	13 49.23	−10 3.5	1.578	2.572	4.6	20.6
5 11	13 41.13	− 8 52.1	1.613	2.569	9.2	20.9
5 21	13 34.91	− 7 53.5	1.672	2.566	13.2	21.1
5 31	13 31.10	− 7 11.8	1.752	2.562	16.6	21.3

467057 2016 DJ_{8} 4 21.6 322°.16 2°.8/23.3 17

3 22	14 21.13	−19 21.2	1.358	2.229	16.0	20.5
4 1	14 15.84	−19 21.7	1.284	2.221	11.9	20.2
4 11	14 7.94	−19 4.3	1.232	2.213	7.2	19.9
4 21	13 58.41	−18 30.5	1.204	2.205	3.0	19.6
5 1	13 48.64	−17 45.0	1.201	2.198	5.1	19.7
5 11	13 40.09	−16 55.7	1.222	2.192	9.9	20.0
5 21	13 33.85	−16 10.6	1.266	2.186	14.6	20.2
5 31	13 30.63	−15 36.5	1.328	2.180	18.6	20.5

432348 2009 VZ_{63} 4 21.6 113°.53 2°.1/23.9 15

3 22	14 20.95	−21 55.2	2.276	3.113	11.7	22.5
4 1	14 14.62	−21 18.6	2.217	3.135	8.6	22.3
4 11	14 6.83	−20 27.8	2.183	3.156	5.3	22.1
4 21	13 58.34	−19 25.4	2.178	3.177	2.4	22.0
5 1	13 50.00	−18 16.2	2.202	3.197	3.4	22.1
5 11	13 42.60	−17 6.1	2.254	3.216	6.6	22.3
5 21	13 36.73	−16 0.6	2.334	3.235	9.6	22.5
5 31	13 32.78	−15 4.1	2.437	3.253	12.3	22.7

242658 2005 QB_{58} 4 21.6 186.°50 0.°9/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 17.61	−17 3.7	2.581	3.434	9.9	21.4
4 1	14 12.29	−16 39.5	2.503	3.434	7.1	21.2
4 11	14 5.65	−16 5.8	2.452	3.433	4.0	21.0
4 21	13 58.29	−15 24.9	2.429	3.433	1.1	20.8
5 1	13 50.88	−14 40.3	2.436	3.432	3.0	20.9
5 11	13 44.15	−13 56.1	2.471	3.431	6.2	21.1
5 21	13 38.64	−13 16.3	2.533	3.429	9.1	21.3
5 31	13 34.77	−12 44.1	2.617	3.427	11.7	21.5

497151 2004 RM_{148} 4 21.6 218.°95 2.°2/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 23.30	−19 54.1	2.511	3.346	10.8	22.6
4 1	14 16.44	−19 59.2	2.418	3.336	8.0	22.4
4 11	14 7.93	−19 53.3	2.352	3.324	4.9	22.2
4 21	13 58.42	−19 37.3	2.314	3.312	2.4	22.0
5 1	13 48.71	−19 13.1	2.306	3.299	3.5	22.0
5 11	13 39.68	−18 44.7	2.327	3.285	6.6	22.2
5 21	13 32.02	−18 16.0	2.375	3.271	9.7	22.4
5 31	13 26.26	−17 51.3	2.447	3.256	12.4	22.5

362352 2010 MW_{87} 4 21.6 287.°40 2.°9/19.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 23.09	− 7 23.1	1.546	2.431	13.6	21.6
4 1	14 17.18	− 6 39.0	1.448	2.397	9.7	21.2
4 11	14 8.71	− 5 47.2	1.374	2.362	5.3	20.9
4 21	13 58.47	− 4 53.1	1.325	2.326	3.0	20.7
5 1	13 47.64	− 4 4.1	1.303	2.290	6.9	20.8
5 11	13 37.60	− 3 27.4	1.307	2.253	11.9	21.0
5 21	13 29.50	− 3 8.3	1.333	2.215	16.6	21.1
5 31	13 24.20	− 3 9.8	1.377	2.178	20.7	21.3

511582 2014 XA_{40} 4 21.6 323.°54 4.°8/13.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 12.42	+11 57.6	4.060	4.919	6.5	20.6
4 1	14 8.28	+12 35.3	4.006	4.915	5.4	20.5
4 11	14 3.42	+13 6.3	3.979	4.911	4.8	20.5
4 21	13 58.17	+13 28.1	3.980	4.907	5.0	20.5
5 1	13 52.93	+13 38.7	4.008	4.903	6.0	20.5
5 11	13 48.07	+13 37.1	4.061	4.899	7.2	20.6
5 21	13 43.93	+13 23.2	4.138	4.896	8.6	20.7
5 31	13 40.76	+12 57.6	4.235	4.892	9.7	20.8

384899 2012 TN_{31} 4 21.6 220.°60 2.°0/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.05	−20 51.1	2.312	3.155	11.3	21.5
4 1	14 13.49	−20 25.2	2.227	3.148	8.4	21.3
4 11	14 6.36	−19 45.4	2.166	3.141	5.1	21.1
4 21	13 58.33	−18 53.9	2.134	3.134	2.3	20.9
5 1	13 50.21	−17 54.6	2.130	3.126	3.5	21.0
5 11	13 42.84	−16 52.8	2.155	3.118	6.8	21.1
5 21	13 36.88	−15 53.9	2.206	3.109	10.0	21.3
5 31	13 32.81	−15 2.8	2.280	3.100	12.9	21.5

392057 2009 BT_{177} 4 21.6 356.°30 4.°0/24.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 20.65	−24 6.7	2.049	2.882	12.9	21.2
4 1	14 14.84	−24 25.5	1.972	2.882	9.9	21.0
4 11	14 7.16	−24 28.9	1.918	2.881	6.8	20.8
4 21	13 58.38	−24 17.0	1.891	2.881	4.3	20.7
5 1	13 49.47	−23 51.9	1.891	2.880	4.7	20.7
5 11	13 41.43	−23 18.3	1.918	2.880	7.5	20.9
5 21	13 35.06	−22 41.6	1.971	2.880	10.7	21.0
5 31	13 30.89	−22 7.3	2.045	2.881	13.6	21.2

81645 2000 HY_{81} 4 21.6 202.°55 0.°1/21.6 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.11	−13 47.1	2.382	3.245	10.3	19.9
4 1	14 13.43	−13 24.3	2.305	3.242	7.3	19.7
4 11	14 6.29	−12 53.7	2.253	3.239	3.9	19.5
4 21	13 58.34	−12 17.9	2.231	3.236	0.2	19.2
5 1	13 50.32	−11 40.6	2.237	3.232	3.4	19.4
5 11	13 43.02	−11 5.9	2.272	3.228	6.9	19.6
5 21	13 37.05	−10 37.5	2.333	3.224	10.1	19.8
5 31	13 32.86	−10 18.3	2.416	3.219	12.7	20.0

285573 2000 QC_{16} 4 21.6 235.°75 0.°6/21.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 22.47	−12 52.8	1.694	2.568	13.2	21.8
4 1	14 16.33	−12 13.6	1.613	2.557	9.3	21.5
4 11	14 8.04	−11 23.2	1.557	2.545	4.9	21.2
4 21	13 58.44	−10 25.8	1.528	2.532	0.6	20.9
5 1	13 48.65	− 9 27.5	1.526	2.519	4.9	21.1
5 11	13 39.83	− 8 35.4	1.551	2.506	9.5	21.4
5 21	13 32.90	− 7 55.1	1.599	2.492	13.7	21.6
5 31	13 28.47	− 7 30.4	1.668	2.477	17.3	21.8

70365 1999 RF_{198} 4 21.6 295.°26 4.°2/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 20.22	−23 50.1	1.442	2.297	16.2	19.1
4 1	14 15.31	−23 38.7	1.351	2.275	12.5	18.8
4 11	14 7.75	−23 3.5	1.281	2.253	8.3	18.5
4 21	13 58.43	−22 4.8	1.234	2.231	4.6	18.2
5 1	13 48.68	−20 47.3	1.213	2.209	5.5	18.2
5 11	13 39.97	−19 19.9	1.217	2.187	9.9	18.4
5 21	13 33.49	−17 53.4	1.243	2.165	14.6	18.6
5 31	13 30.02	−16 37.5	1.289	2.144	18.9	18.8

193842 2001 QX_{67} 4 21.6 174.°77 1.°6/20.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 22.61	−11 4.2	1.630	2.509	13.4	20.8
4 1	14 16.30	−10 5.9	1.565	2.512	9.3	20.6
4 11	14 7.94	− 8 57.9	1.525	2.513	4.8	20.3
4 21	13 58.43	− 7 46.1	1.511	2.515	1.6	20.1
5 1	13 48.93	− 6 37.9	1.526	2.516	5.5	20.4
5 11	13 40.56	− 5 40.5	1.566	2.516	9.9	20.6
5 21	13 34.15	− 4 58.8	1.630	2.515	13.9	20.9
5 31	13 30.22	− 4 35.5	1.714	2.514	17.2	21.1

431556 2007 TN_{449} 4 21.6 256.°96 0.°4/21.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.10	−12 19.9	2.104	2.975	11.1	21.7
4 1	14 13.58	−11 55.8	2.028	2.970	7.8	21.5
4 11	14 6.44	−11 24.2	1.977	2.964	4.1	21.2
4 21	13 58.35	−10 48.0	1.953	2.958	0.4	20.9
5 1	13 50.18	−10 11.6	1.958	2.952	4.0	21.2
5 11	13 42.79	− 9 39.5	1.991	2.946	7.8	21.4
5 21	13 36.88	− 9 15.5	2.048	2.940	11.2	21.6
5 31	13 32.93	− 9 2.4	2.127	2.934	14.1	21.8

468072 2013 SN_{75} 4 21.6 264.°20 0.°8/20.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.32	−11 20.9	1.746	2.623	12.7	21.9
4 1	14 15.43	−10 59.5	1.671	2.616	8.9	21.6
4 11	14 7.53	−10 30.0	1.620	2.608	4.7	21.3
4 21	13 58.42	− 9 56.3	1.596	2.600	0.8	21.0
5 1	13 49.18	− 9 23.1	1.599	2.593	4.7	21.3
5 11	13 40.89	− 8 55.7	1.629	2.585	9.1	21.5
5 21	13 34.40	− 8 38.4	1.682	2.577	13.1	21.7
5 31	13 30.28	− 8 33.9	1.756	2.569	16.4	22.0

212787 2007 TF_{221} 4 21.6 114.°66 1.°2/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 25.84	−16 16.1	1.699	2.559	13.8	21.7
4 1	14 18.43	−16 7.5	1.643	2.577	9.9	21.5
4 11	14 8.99	−15 46.8	1.612	2.595	5.5	21.3
4 21	13 58.50	−15 16.6	1.608	2.612	1.3	21.0
5 1	13 48.13	−14 41.4	1.633	2.629	4.2	21.2
5 11	13 39.03	−14 7.0	1.684	2.645	8.5	21.5
5 21	13 31.99	−13 38.6	1.760	2.660	12.3	21.8
5 31	13 27.49	−13 20.0	1.857	2.675	15.5	22.0

512967 2017 SX_{42} 4 21.6 178.°83 4.°4/16.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 18.13	+ 2 33.6	2.704	3.579	8.8	22.1
4 1	14 12.52	+ 3 23.4	2.644	3.581	6.5	22.0
4 11	14 5.73	+ 4 9.7	2.612	3.582	4.7	21.9
4 21	13 58.32	+ 4 48.2	2.608	3.582	4.6	21.9
5 1	13 50.93	+ 5 15.5	2.632	3.582	6.3	22.0
5 11	13 44.18	+ 5 29.1	2.684	3.582	8.6	22.1
5 21	13 38.57	+ 5 28.2	2.760	3.581	10.8	22.3
5 31	13 34.48	+ 5 12.9	2.857	3.580	12.8	22.4

379293 2009 VK_{44} 4 21.6 229.°11 3.°2/18.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 20.45	− 4 17.7	2.241	3.119	10.3	22.5
4 1	14 14.46	− 3 20.7	2.161	3.105	7.2	22.3
4 11	14 6.89	− 2 21.1	2.108	3.091	4.3	22.1
4 21	13 58.39	− 1 24.0	2.083	3.076	3.4	22.0
5 1	13 49.78	− 0 34.6	2.087	3.061	5.9	22.1
5 11	13 41.88	+ 0 2.6	2.119	3.044	9.1	22.3
5 21	13 35.37	+ 0 24.7	2.175	3.027	12.2	22.4
5 31	13 30.73	+ 0 30.7	2.252	3.010	14.9	22.6

283396 2000 RC_{98} 4 21.6 249.°23 5.°3/ 2.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 15.92	−44 17.4	4.895	5.560	8.2	20.4
4 1	14 10.89	−44 38.7	4.795	5.552	7.3	20.4
4 11	14 4.88	−44 47.1	4.717	5.543	6.4	20.3
4 21	13 58.28	−44 42.0	4.663	5.535	5.7	20.2
5 1	13 51.59	−44 23.5	4.635	5.526	5.3	20.2
5 11	13 45.31	−43 53.4	4.633	5.517	5.5	20.2
5 21	13 39.85	−43 13.9	4.657	5.509	6.2	20.2
5 31	13 35.57	−42 28.2	4.705	5.500	7.1	20.3

304770 2007 EO_{67} 4 21.6 283.°42 4.°4/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 17.40	−35 17.1	4.368	5.108	8.1	20.0
4 1	14 11.92	−35 47.8	4.275	5.104	6.8	19.9
4 11	14 5.43	−36 7.2	4.206	5.100	5.6	19.8
4 21	13 58.32	−36 14.7	4.164	5.096	4.7	19.7
5 1	13 51.09	−36 10.7	4.150	5.092	4.5	19.7
5 11	13 44.24	−35 56.9	4.164	5.088	5.1	19.8
5 21	13 38.21	−35 35.7	4.205	5.084	6.2	19.8
5 31	13 33.36	−35 9.9	4.272	5.080	7.5	19.9

426754 2013 TE_{93} 4 21.6 130.°32 0.°4/21.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.75	−12 1.9	1.913	2.784	12.0	20.8
4 1	14 15.50	−11 48.0	1.847	2.789	8.4	20.5
4 11	14 7.46	−11 26.8	1.806	2.793	4.4	20.3
4 21	13 58.43	−11 1.3	1.792	2.797	0.4	20.0
5 1	13 49.39	−10 35.4	1.807	2.801	4.2	20.3
5 11	13 41.30	−10 13.8	1.849	2.805	8.2	20.5
5 21	13 34.91	−10 0.0	1.916	2.809	11.8	20.8
5 31	13 30.71	− 9 56.6	2.004	2.813	14.8	21.0

350565 2000 UN_{110} 4 21.6 205°.78 3°.0/18.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 18.20	− 1 30.8	2.968	3.841	8.2	22.2
4 1	14 12.54	− 0 56.5	2.895	3.835	5.8	22.0
4 11	14 5.75	− 0 23.0	2.850	3.829	3.7	21.8
4 21	13 58.34	+ 0 6.4	2.834	3.823	3.1	21.8
5 1	13 50.90	+ 0 28.7	2.848	3.816	4.9	21.9
5 11	13 44.01	+ 0 41.4	2.890	3.808	7.3	22.0
5 21	13 38.16	+ 0 43.2	2.958	3.800	9.6	22.2
5 31	13 33.72	+ 0 33.5	3.048	3.792	11.6	22.3

106007 2000 SX_{287} 4 21.6 183°.99 3°.9/25.5 18

3 22	14 20.19	−26 6.7	2.575	3.389	11.2	19.7
4 1	14 14.24	−26 19.8	2.493	3.389	8.7	19.5
4 11	14 6.76	−26 18.8	2.436	3.389	6.2	19.4
4 21	13 58.40	−26 3.9	2.405	3.388	4.2	19.2
5 1	13 49.94	−25 36.9	2.404	3.388	4.3	19.2
5 11	13 42.18	−25 1.5	2.430	3.387	6.4	19.4
5 21	13 35.78	−24 22.3	2.483	3.386	9.0	19.5
5 31	13 31.21	−23 44.0	2.559	3.385	11.5	19.7

190061 2004 RP_{314} 4 21.6 286°.77 1°.5/20.3 18

3 22	14 19.35	−10 13.7	1.734	2.617	12.5	20.4
4 1	14 14.05	− 9 32.8	1.658	2.606	8.7	20.2
4 11	14 6.81	− 8 43.9	1.607	2.596	4.6	19.9
4 21	13 58.41	− 7 51.6	1.582	2.585	1.6	19.7
5 1	13 49.87	− 7 2.1	1.584	2.575	5.2	19.9
5 11	13 42.25	− 6 21.4	1.613	2.565	9.5	20.1
5 21	13 36.37	− 5 53.9	1.664	2.555	13.4	20.3
5 31	13 32.79	− 5 42.3	1.736	2.545	16.7	20.5

320549 2008 AD_{34} 4 21.6 196°.78 4°.2/18.1 17

3 22	14 21.78	− 2 59.3	1.822	2.706	11.9	21.3
4 1	14 15.57	− 2 0.8	1.757	2.704	8.5	21.1
4 11	14 7.52	− 1 1.4	1.718	2.701	5.2	20.9
4 21	13 58.45	− 0 7.2	1.706	2.698	4.3	20.8
5 1	13 49.34	+ 0 35.6	1.722	2.695	7.0	21.0
5 11	13 41.21	+ 1 2.5	1.764	2.691	10.6	21.2
5 21	13 34.81	+ 1 11.2	1.829	2.686	14.0	21.4
5 31	13 30.63	+ 1 1.4	1.913	2.681	16.8	21.5

291879 2006 PW_{19} 4 21.6 261°.70 2°.1/19.9 17

3 22	14 21.74	− 9 7.8	1.747	2.626	12.5	21.3
4 1	14 15.84	− 8 20.2	1.659	2.606	8.8	21.0
4 11	14 7.82	− 7 24.4	1.597	2.585	4.7	20.7
4 21	13 58.47	− 6 25.5	1.561	2.563	2.1	20.5
5 1	13 48.84	− 5 30.0	1.553	2.541	5.7	20.6
5 11	13 40.06	− 4 44.5	1.572	2.518	10.2	20.8
5 21	13 33.04	− 4 13.7	1.613	2.495	14.2	21.0
5 31	13 28.45	− 4 0.5	1.675	2.471	17.7	21.2

131921 2002 BH_{27} 4 21.6 4°.51 3°.2/23.2 18

3 22	14 24.75	−18 20.5	1.265	2.137	16.9	19.3
4 1	14 18.52	−18 51.6	1.200	2.136	12.5	19.0
4 11	14 9.42	−19 7.2	1.156	2.136	7.6	18.7
4 21	13 58.56	−19 7.3	1.136	2.137	3.4	18.5
5 1	13 47.50	−18 54.8	1.141	2.138	5.5	18.6
5 11	13 37.86	−18 36.0	1.170	2.139	10.4	18.9
5 21	13 30.81	−18 17.9	1.221	2.141	15.0	19.1
5 31	13 27.05	−18 6.9	1.291	2.143	19.0	19.4

213880 2003 SM_{249} 4 21.6 148°.83 0°.6/21.1 18

3 22	14 23.21	−12 24.0	1.884	2.752	12.3	20.9
4 1	14 16.50	−11 51.6	1.821	2.762	8.6	20.7
4 11	14 7.97	−11 10.7	1.784	2.770	4.5	20.5
4 21	13 58.48	−10 25.1	1.774	2.779	0.6	20.2
5 1	13 49.03	− 9 40.0	1.793	2.786	4.4	20.5
5 11	13 40.62	− 9 0.8	1.839	2.793	8.4	20.7
5 21	13 33.99	− 8 31.6	1.911	2.799	12.0	21.0
5 31	13 29.60	− 8 15.2	2.003	2.804	15.1	21.2

47450 1999 XD_{218} 4 21.6 247°.78 4°.5/18.1 18

3 22	14 21.59	− 2 20.8	1.704	2.591	12.4	18.8
4 1	14 15.61	− 1 27.7	1.634	2.581	8.9	18.5
4 11	14 7.63	− 0 34.1	1.589	2.572	5.6	18.3
4 21	13 58.47	+ 0 13.6	1.570	2.562	4.7	18.2
5 1	13 49.20	+ 0 49.1	1.579	2.552	7.5	18.4
5 11	13 40.90	+ 1 7.6	1.612	2.541	11.3	18.6
5 21	13 34.41	+ 1 7.0	1.668	2.530	14.8	18.8
5 31	13 30.29	+ 0 47.3	1.743	2.519	17.9	18.9

457629 2009 BY_{126} 4 21.6 10°.71 5°.4/17.9 16

3 22	14 17.09	− 4 30.2	1.065	1.976	16.0	20.9
4 1	14 13.03	− 3 8.3	1.018	1.978	11.3	20.6
4 11	14 6.42	− 1 43.1	0.992	1.980	6.8	20.4
4 21	13 58.41	− 0 25.5	0.989	1.984	5.8	20.3
5 1	13 50.45	+ 0 33.8	1.009	1.989	9.5	20.5
5 11	13 43.97	+ 1 7.2	1.050	1.995	14.1	20.8
5 21	13 39.93	+ 1 12.3	1.110	2.002	18.4	21.1
5 31	13 38.82	+ 0 50.5	1.186	2.010	22.0	21.3

483065 2015 KE_{157} 4 21.6 184°.86 19°.0/ 7.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 31.95	+29 26.6	1.264	2.083	20.1	20.6
4 1	14 23.32	+31 18.6	1.240	2.084	19.2	20.5
4 11	14 11.74	+32 30.9	1.234	2.084	19.0	20.5
4 21	13 58.70	+32 52.5	1.246	2.083	19.8	20.6
5 1	13 46.03	+32 19.1	1.275	2.082	21.3	20.7
5 11	13 35.38	+30 55.0	1.320	2.080	23.1	20.8
5 21	13 27.76	+28 49.6	1.378	2.077	25.0	20.9
5 31	13 23.60	+26 13.8	1.448	2.074	26.6	21.1

470114 2006 TM_{109} 4 21.6 207°.25 1°.2/22.9 18

3 22	14 19.29	−17 48.0	2.953	3.796	9.1	22.4
4 1	14 13.40	−17 38.7	2.866	3.790	6.6	22.2
4 11	14 6.27	−17 20.9	2.805	3.783	3.9	22.0
4 21	13 58.41	−16 56.1	2.774	3.776	1.4	21.8
5 1	13 50.47	−16 26.6	2.773	3.768	2.8	21.9
5 11	13 43.09	−15 55.7	2.801	3.760	5.6	22.1
5 21	13 36.81	−15 26.7	2.857	3.751	8.3	22.2
5 31	13 32.04	−15 2.7	2.937	3.741	10.7	22.4

165446 2000 YG_{108} 4 21.6 118°.46 1°.0/22.4 18

3 22	14 23.92	−16 35.5	1.687	2.550	13.8	20.6
4 1	14 17.15	−16 14.3	1.629	2.565	9.9	20.3
4 11	14 8.37	−15 40.1	1.595	2.578	5.5	20.1
4 21	13 58.52	−14 56.2	1.588	2.592	1.2	19.8
5 1	13 48.78	−14 7.9	1.608	2.605	4.2	20.1
5 11	13 40.24	−13 21.5	1.656	2.617	8.5	20.4
5 21	13 33.70	−12 42.7	1.727	2.629	12.4	20.6
5 31	13 29.65	−12 15.5	1.820	2.640	15.6	20.9

157658 2005 YB_{38} 4 21.6 93°.59 2°.5/23.9 18

3 22	14 19.76	−20 49.1	2.564	3.401	10.5	19.8
4 1	14 13.88	−21 1.1	2.488	3.405	7.8	19.6
4 11	14 6.56	−21 2.4	2.439	3.409	5.0	19.4
4 21	13 58.44	−20 53.8	2.417	3.413	2.7	19.3
5 1	13 50.25	−20 37.3	2.424	3.417	3.4	19.3
5 11	13 42.75	−20 16.2	2.460	3.421	6.1	19.5
5 21	13 36.56	−19 54.2	2.522	3.425	8.9	19.7
5 31	13 32.12	−19 35.1	2.608	3.428	11.4	19.9

68790 2002 FL_{28} 4 21.6 278°.81 7°.3/13.1 18

3 22	14 17.43	+10 39.5	2.379	3.249	10.0	19.1
4 1	14 12.27	+11 47.6	2.316	3.234	8.3	18.9
4 11	14 5.73	+12 46.7	2.278	3.219	7.3	18.9
4 21	13 58.39	+13 31.1	2.267	3.204	7.7	18.9
5 1	13 51.00	+13 56.3	2.282	3.189	9.3	18.9
5 11	13 44.28	+14 0.0	2.321	3.174	11.4	19.0
5 21	13 38.82	+13 42.5	2.382	3.159	13.6	19.2
5 31	13 35.07	+13 5.3	2.460	3.144	15.5	19.3

331494 1999 RN_{205} 4 21.6 162°.33 4°.4/26.2 17

3 22	14 21.32	−28 23.2	2.375	3.181	12.3	21.0
4 1	14 15.10	−28 18.8	2.297	3.186	9.7	20.9
4 11	14 7.25	−27 56.8	2.243	3.191	7.0	20.7
4 21	13 58.48	−27 17.6	2.215	3.195	4.8	20.6
5 1	13 49.68	−26 24.1	2.216	3.199	4.8	20.6
5 11	13 41.74	−25 21.5	2.244	3.202	6.9	20.7
5 21	13 35.33	−24 15.6	2.300	3.205	9.6	20.9
5 31	13 30.93	−23 12.5	2.378	3.207	12.1	21.0

164292 2004 XN_{121} 4 21.6 177°.42 3°.6/18.5 17

3 22	14 23.42	− 3 41.9	1.993	2.870	11.4	21.2
4 1	14 16.57	− 2 49.0	1.929	2.873	8.0	21.0
4 11	14 8.01	− 1 54.8	1.892	2.875	4.8	20.8
4 21	13 58.52	− 1 4.9	1.883	2.876	3.7	20.7
5 1	13 49.05	− 0 24.5	1.902	2.876	6.3	20.9
5 11	13 40.51	+ 0 2.0	1.949	2.876	9.7	21.1
5 21	13 33.63	+ 0 12.6	2.020	2.875	12.9	21.3
5 31	13 28.88	+ 0 6.7	2.112	2.872	15.6	21.5

30992 1995 SV_{66} 4 21.6 180°.07 0°.3/21.3 18

3 22	14 17.97	−12 47.8	2.646	3.510	9.4	20.4
4 1	14 12.51	−12 17.0	2.572	3.511	6.6	20.2
4 11	14 5.80	−11 39.7	2.525	3.511	3.4	20.0
4 21	13 58.40	−10 58.5	2.506	3.511	0.3	19.7
5 1	13 50.98	−10 17.1	2.518	3.511	3.3	20.0
5 11	13 44.21	− 9 39.3	2.558	3.511	6.4	20.2
5 21	13 38.62	− 9 8.4	2.624	3.510	9.3	20.3
5 31	13 34.61	− 8 46.6	2.714	3.508	11.7	20.5

439360 2012 XY_{137} 4 21.6 119°.35 2°.5/19.3 17

3 22	14 19.90	− 4 43.7	2.269	3.147	10.1	20.8
4 1	14 13.97	− 4 21.0	2.206	3.151	7.1	20.6
4 11	14 6.59	− 3 57.6	2.170	3.155	4.0	20.4
4 21	13 58.45	− 3 36.8	2.161	3.159	2.6	20.4
5 1	13 50.31	− 3 22.2	2.182	3.163	5.0	20.5
5 11	13 42.96	− 3 16.7	2.230	3.167	8.1	20.7
5 21	13 37.00	− 3 22.0	2.302	3.171	11.0	20.9
5 31	13 32.84	− 3 38.8	2.397	3.174	13.5	21.1

387336 2012 VY_{100} 4 21.6 94°.53 3°.8/18.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 20.46	− 0 57.0	2.167	3.047	10.5	20.7
4 1	14 14.36	− 0 29.3	2.110	3.053	7.5	20.5
4 11	14 6.80	− 0 3.8	2.080	3.060	4.7	20.3
4 21	13 58.46	+ 0 15.5	2.077	3.067	3.9	20.3
5 1	13 50.17	+ 0 24.8	2.102	3.073	6.1	20.4
5 11	13 42.73	+ 0 21.8	2.155	3.080	9.0	20.6
5 21	13 36.76	+ 0 5.6	2.231	3.086	11.8	20.8
5 31	13 32.65	− 0 23.7	2.328	3.092	14.3	21.0

379681 2011 FJ_{28} 4 21.6 326°.15 2°.8/19.9 17

3 22	14 22.05	− 5 28.3	1.564	2.452	13.3	19.8
4 1	14 16.14	− 5 19.2	1.492	2.442	9.4	19.5
4 11	14 8.01	− 5 8.7	1.444	2.432	5.2	19.3
4 21	13 58.54	− 5 0.9	1.421	2.422	2.8	19.1
5 1	13 48.88	− 5 0.3	1.425	2.413	6.2	19.3
5 11	13 40.25	− 5 10.6	1.454	2.404	10.5	19.5
5 21	13 33.58	− 5 33.7	1.506	2.396	14.6	19.7
5 31	13 29.51	− 6 10.4	1.577	2.388	18.0	19.9

137660 1999 XO_{12} 4 21.6 145°.25 3°.9/25.3 18

3 22	14 22.41	−26 22.1	1.976	2.799	13.7	20.1
4 1	14 16.01	−25 53.6	1.905	2.809	10.6	19.9
4 11	14 7.75	−25 4.8	1.858	2.819	7.1	19.7
4 21	13 58.52	−23 57.6	1.837	2.828	4.3	19.6
5 1	13 49.34	−22 36.8	1.845	2.836	4.5	19.6
5 11	13 41.23	−21 9.9	1.880	2.843	7.5	19.8
5 21	13 34.95	−19 44.7	1.942	2.850	10.9	20.0
5 31	13 30.95	−18 27.9	2.026	2.857	13.9	20.2

508792 2000 FX_{53} 4 21.6 359°.24 0°.1/20.6 17

3 22	14 0.37	− 9 19.0	37.005	37.873	0.7	23.7
4 1	13 59.64	− 9 14.5	36.931	37.873	0.5	23.6
4 11	13 58.85	− 9 9.7	36.886	37.873	0.3	23.6
4 21	13 58.02	− 9 5.0	36.869	37.873	0.1	23.6
5 1	13 57.20	− 9 0.3	36.883	37.873	0.3	23.6
5 11	13 56.40	− 8 55.9	36.925	37.873	0.5	23.6
5 21	13 55.66	− 8 52.0	36.995	37.873	0.8	23.7
5 31	13 55.01	− 8 48.7	37.090	37.873	1.0	23.7

86992 2000 JN_{35} 4 21.6 216°.12 1°.5/22.8 18

3 22	14 23.16	−18 47.4	1.810	2.664	13.4	19.8
4 1	14 16.77	−18 13.8	1.726	2.656	9.8	19.5
4 11	14 8.29	−17 24.2	1.667	2.648	5.7	19.3
4 21	13 58.56	−16 21.4	1.635	2.638	1.7	19.0
5 1	13 48.67	−15 10.8	1.631	2.628	4.1	19.1
5 11	13 39.75	−13 59.8	1.655	2.616	8.5	19.4
5 21	13 32.69	−12 55.6	1.704	2.605	12.6	19.6
5 31	13 28.08	−12 3.8	1.773	2.592	16.0	19.8

327833 2006 WN_{68} 4 21.6 217°.65 1°.0/20.7 17

3 22	14 20.44	−11 58.7	1.826	2.701	12.3	21.5
4 1	14 14.73	−11 9.5	1.752	2.696	8.6	21.3
4 11	14 7.15	−10 10.5	1.703	2.691	4.5	21.0
4 21	13 58.50	− 9 6.7	1.681	2.686	1.1	20.7
5 1	13 49.76	− 8 4.1	1.688	2.680	4.8	21.0
5 11	13 41.97	− 7 9.3	1.721	2.673	9.0	21.2
5 21	13 35.88	− 6 27.1	1.778	2.667	12.8	21.4
5 31	13 32.02	− 6 0.7	1.856	2.660	16.0	21.6

427874 2005 SC_{32} 4 21.6 172°.38 2°.5/19.1 17

3 22	14 19.46	− 7 57.4	2.016	2.896	11.1	21.8
4 1	14 13.81	− 6 48.7	1.951	2.898	7.7	21.6
4 11	14 6.57	− 5 34.4	1.913	2.900	4.2	21.4
4 21	13 58.47	− 4 20.4	1.903	2.902	2.6	21.3
5 1	13 50.39	− 3 12.9	1.921	2.903	5.5	21.5
5 11	13 43.18	− 2 17.5	1.967	2.904	9.0	21.7
5 21	13 37.50	− 1 37.8	2.036	2.904	12.3	21.9
5 31	13 33.81	− 1 15.4	2.127	2.904	15.1	22.1

464775 2003 UU_{281} 4 21.6 153°.91 1°.0/20.7 16

3 22	14 23.02	−11 18.6	2.106	2.972	11.3	22.7
4 1	14 16.22	−10 39.5	2.043	2.983	7.9	22.5
4 11	14 7.81	− 9 53.4	2.006	2.993	4.1	22.3
4 21	13 58.55	− 9 4.1	1.997	3.001	1.0	22.0
5 1	13 49.34	− 8 16.6	2.019	3.009	4.2	22.3
5 11	13 41.08	− 7 35.7	2.068	3.017	8.0	22.5
5 21	13 34.41	− 7 5.0	2.143	3.023	11.3	22.8
5 31	13 29.78	− 6 47.0	2.240	3.028	14.1	23.0

60285 1999 XR_{106} 4 21.6 139°.25 2°.6/23.7 18

3 22	14 22.24	−21 16.4	1.737	2.587	14.1	19.2
4 1	14 16.07	−20 52.5	1.669	2.594	10.4	18.9
4 11	14 7.88	−20 11.1	1.625	2.601	6.4	18.7
4 21	13 58.57	−19 14.6	1.607	2.607	2.9	18.5
5 1	13 49.27	−18 8.5	1.617	2.613	4.2	18.6
5 11	13 41.10	−17 0.1	1.654	2.619	8.2	18.9
5 21	13 34.87	−15 56.7	1.715	2.624	12.0	19.1
5 31	13 31.10	−15 4.1	1.798	2.629	15.4	19.3

175583 Pingtung 4 21.6 143°.23 2°.3/19.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 19.59	− 5 12.4	2.476	3.351	9.5	20.4
4 1	14 13.67	− 4 49.9	2.413	3.356	6.6	20.2
4 11	14 6.44	− 4 26.3	2.376	3.361	3.7	20.1
4 21	13 58.50	− 4 4.8	2.367	3.366	2.3	20.0
5 1	13 50.57	− 3 48.6	2.388	3.370	4.6	20.1
5 11	13 43.36	− 3 40.6	2.437	3.374	7.5	20.3
5 21	13 37.43	− 3 42.3	2.512	3.378	10.3	20.5
5 31	13 33.17	− 3 54.7	2.608	3.382	12.7	20.7

182099 2000 KJ_{49} 4 21.6 32°.63 0°.7/21.1 17

3 22	14 21.52	−11 34.8	1.529	2.412	13.9	20.3
4 1	14 15.71	−11 14.0	1.467	2.414	9.7	20.1
4 11	14 7.75	−10 44.7	1.429	2.417	5.1	19.8
4 21	13 58.58	−10 10.7	1.416	2.420	0.7	19.5
5 1	13 49.38	− 9 37.7	1.429	2.424	5.0	19.8
5 11	13 41.34	− 9 11.4	1.469	2.428	9.6	20.1
5 21	13 35.33	− 8 56.0	1.531	2.431	13.7	20.3
5 31	13 31.89	− 8 54.3	1.612	2.435	17.2	20.6

216608 2002 TB_{109} 4 21.6 224°.88 5°.7/16.2 17

3 22	14 22.45	+ 3 32.8	2.148	3.023	10.7	20.8
4 1	14 15.93	+ 4 33.8	2.076	3.011	8.1	20.6
4 11	14 7.74	+ 5 30.8	2.030	2.998	6.1	20.5
4 21	13 58.58	+ 6 17.7	2.012	2.984	6.0	20.5
5 1	13 49.32	+ 6 49.3	2.022	2.969	8.1	20.6
5 11	13 40.84	+ 7 2.3	2.058	2.953	10.9	20.7
5 21	13 33.85	+ 6 55.7	2.118	2.937	13.7	20.9
5 31	13 28.86	+ 6 30.3	2.196	2.919	16.1	21.0

504993 2011 HT_{100} 4 21.6 246°.54 5°.3/14.9 18

3 22	14 17.46	+ 0 36.8	2.274	3.157	9.9	21.3
4 1	14 12.38	+ 2 30.4	2.201	3.142	7.3	21.1
4 11	14 5.85	+ 4 24.7	2.156	3.127	5.5	21.0
4 21	13 58.47	+ 6 12.0	2.140	3.111	5.7	21.0
5 1	13 51.00	+ 7 45.1	2.153	3.095	7.9	21.1
5 11	13 44.20	+ 8 58.6	2.193	3.078	10.7	21.2
5 21	13 38.69	+ 9 49.6	2.256	3.062	13.4	21.4
5 31	13 34.93	+10 17.8	2.337	3.044	15.7	21.5

310238 2011 UU_{1} 4 21.6 173°.56 1°.1/22.9 17

3 22	14 16.81	−18 47.8	2.565	3.415	10.1	20.3
4 1	14 11.78	−18 7.3	2.489	3.416	7.3	20.1
4 11	14 5.47	−17 15.5	2.438	3.417	4.2	19.9
4 21	13 58.45	−16 15.2	2.415	3.418	1.3	19.7
5 1	13 51.43	−15 10.4	2.422	3.418	3.0	19.8
5 11	13 45.08	−14 6.2	2.458	3.419	6.1	20.0
5 21	13 39.97	−13 7.2	2.521	3.419	9.1	20.2
5 31	13 36.47	−12 17.0	2.607	3.419	11.7	20.4

359373 2010 CX_{222} 4 21.6 109°.42 12°.2/10.0 18

3 22	14 22.24	+15 33.4	1.508	2.378	14.7	20.9
4 1	14 15.98	+17 55.3	1.488	2.394	12.9	20.8
4 11	14 7.75	+19 55.0	1.493	2.409	12.3	20.8
4 21	13 58.57	+21 22.0	1.521	2.425	13.1	20.9
5 1	13 49.67	+22 10.3	1.571	2.439	15.0	21.1
5 11	13 42.12	+22 19.6	1.641	2.454	17.2	21.2
5 21	13 36.66	+21 54.2	1.727	2.468	19.2	21.4
5 31	13 33.69	+21 0.0	1.827	2.481	21.0	21.6

475759 2006 WJ_{161} 4 21.6 244°.51 0°.4/22.0 16

3 22	14 17.91	−15 30.2	2.525	3.384	9.9	22.4
4 1	14 12.64	−14 59.8	2.437	3.371	7.1	22.2
4 11	14 5.97	−14 20.1	2.375	3.358	3.9	22.0
4 21	13 58.48	−13 33.8	2.341	3.345	0.6	21.7
5 1	13 50.89	−12 44.7	2.337	3.332	3.2	21.9
5 11	13 43.91	−11 57.0	2.361	3.318	6.6	22.1
5 21	13 38.16	−11 15.0	2.412	3.304	9.7	22.2
5 31	13 34.08	−10 41.9	2.485	3.290	12.4	22.4

473986 2016 EM_{201} 4 21.6 115°.35 3°.5/18.9 18

3 22	14 22.90	− 5 2.1	1.654	2.538	12.9	21.6
4 1	14 16.39	− 4 11.0	1.603	2.551	9.0	21.4
4 11	14 7.98	− 3 18.0	1.578	2.564	5.1	21.2
4 21	13 58.60	− 2 29.2	1.579	2.576	3.6	21.1
5 1	13 49.35	− 1 50.6	1.608	2.588	6.6	21.3
5 11	13 41.28	− 1 26.8	1.662	2.599	10.4	21.5
5 21	13 35.13	− 1 20.0	1.740	2.610	13.9	21.8
5 31	13 31.35	− 1 30.4	1.836	2.621	16.8	22.0

307226 2002 GN_{109} 4 21.6 7°.63 6°.0/18.7 17

3 22	14 22.24	− 0 21.6	1.071	1.976	16.4	19.6
4 1	14 16.75	+ 0 1.5	1.022	1.977	11.9	19.3
4 11	14 8.47	+ 0 19.2	0.993	1.978	7.6	19.1
4 21	13 58.63	+ 0 24.3	0.987	1.981	6.2	19.0
5 1	13 48.82	+ 0 10.8	1.004	1.985	9.4	19.2
5 11	13 40.59	− 0 24.0	1.043	1.990	14.0	19.5
5 21	13 35.00	− 1 19.2	1.101	1.996	18.3	19.8
5 31	13 32.63	− 2 32.1	1.176	2.003	22.0	20.0

365876 2011 UN_{308} 4 21.6 99°.20 3°.8/18.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 23.83	− 4 46.1	1.517	2.404	13.7	20.9
4 1	14 17.11	− 3 54.4	1.473	2.421	9.5	20.7
4 11	14 8.36	− 3 1.3	1.452	2.438	5.5	20.5
4 21	13 58.62	− 2 13.2	1.458	2.454	3.9	20.4
5 1	13 49.08	− 1 36.7	1.490	2.470	7.0	20.6
5 11	13 40.86	− 1 16.2	1.548	2.486	11.0	20.9
5 21	13 34.73	− 1 13.7	1.629	2.501	14.6	21.2
5 31	13 31.13	− 1 29.1	1.728	2.516	17.6	21.4

222623 2001 XZ_{92} 4 21.6 240°.98 1°.4/22.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.25	−17 50.6	1.971	2.827	12.4	20.9
4 1	14 15.35	−17 30.9	1.885	2.816	9.0	20.6
4 11	14 7.54	−16 58.1	1.824	2.804	5.2	20.4
4 21	13 58.59	−16 14.4	1.789	2.792	1.6	20.1
5 1	13 49.45	−15 24.0	1.783	2.780	3.8	20.2
5 11	13 41.15	−14 32.9	1.805	2.767	7.9	20.5
5 21	13 34.49	−13 46.6	1.851	2.754	11.7	20.6
5 31	13 30.05	−13 10.0	1.920	2.740	14.9	20.8

225942 2002 AK_{202} 4 21.6 146°.20 1°.0/22.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 20.97	−17 12.2	2.102	2.958	11.7	21.3
4 1	14 14.87	−16 43.9	2.035	2.966	8.4	21.1
4 11	14 7.15	−16 4.0	1.992	2.974	4.7	20.9
4 21	13 58.56	−15 15.4	1.977	2.981	1.2	20.6
5 1	13 49.98	−14 22.6	1.992	2.988	3.5	20.8
5 11	13 42.32	−13 31.2	2.034	2.994	7.3	21.1
5 21	13 36.22	−12 45.9	2.102	3.000	10.7	21.3
5 31	13 32.15	−12 10.6	2.192	3.005	13.6	21.5

18540 1996 XK_{31} 4 21.6 148°.48 1°.0/20.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 20.38	−10 54.3	2.390	3.257	10.1	19.8
4 1	14 14.24	−10 12.1	2.327	3.268	7.0	19.6
4 11	14 6.74	− 9 23.9	2.291	3.278	3.6	19.4
4 21	13 58.54	− 8 33.5	2.284	3.288	1.0	19.2
5 1	13 50.38	− 7 45.2	2.307	3.297	3.9	19.5
5 11	13 43.02	− 7 3.2	2.358	3.305	7.2	19.7
5 21	13 37.02	− 6 30.9	2.435	3.313	10.2	19.9
5 31	13 32.78	− 6 10.3	2.535	3.320	12.7	20.1

305396 2008 CV_{67} 4 21.6 217°.96 0°.8/20.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 18.69	−10 27.0	2.683	3.550	9.1	21.7
4 1	14 13.07	−10 5.8	2.603	3.543	6.4	21.5
4 11	14 6.15	− 9 39.8	2.549	3.536	3.3	21.3
4 21	13 58.51	− 9 11.7	2.525	3.529	0.8	21.1
5 1	13 50.79	− 8 44.4	2.530	3.522	3.5	21.3
5 11	13 43.67	− 8 21.4	2.565	3.514	6.6	21.5
5 21	13 37.71	− 8 5.3	2.625	3.506	9.4	21.6
5 31	13 33.32	− 7 58.1	2.708	3.497	11.9	21.8

386173 2007 UD_{89} 4 21.6 145°.96 0°.1/21.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 18.83	−13 28.7	2.178	3.046	10.9	21.8
4 1	14 13.35	−13 1.5	2.108	3.048	7.7	21.6
4 11	14 6.36	−12 26.0	2.064	3.050	4.1	21.4
4 21	13 58.52	−11 45.5	2.047	3.052	0.2	21.0
5 1	13 50.66	−11 4.1	2.059	3.054	3.7	21.3
5 11	13 43.60	−10 26.5	2.099	3.056	7.3	21.6
5 21	13 37.97	− 9 56.4	2.164	3.057	10.6	21.8
5 31	13 34.22	− 9 36.8	2.251	3.059	13.4	22.0

497840 2006 UD_{55} 4 21.6 112°.86 0°.1/21.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.50	−11 45.7	2.398	3.261	10.2	21.3
4 1	14 15.08	−11 47.7	2.332	3.269	7.2	21.1
4 11	14 7.22	−11 44.4	2.291	3.277	3.8	20.9
4 21	13 58.58	−11 37.7	2.280	3.285	0.2	20.6
5 1	13 49.92	−11 30.2	2.298	3.292	3.4	20.9
5 11	13 42.04	−11 24.8	2.345	3.300	6.8	21.2
5 21	13 35.54	−11 24.0	2.418	3.307	9.8	21.4
5 31	13 30.84	−11 30.0	2.514	3.314	12.4	21.5

274525 2008 SY_{200} 4 21.6 277°.31 1°.5/22.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 23.13	−16 11.1	1.898	2.758	12.6	20.3
4 1	14 16.81	−16 23.3	1.809	2.742	9.2	20.1
4 11	14 8.40	−16 25.6	1.745	2.727	5.3	19.8
4 21	13 58.65	−16 18.9	1.708	2.711	1.7	19.5
5 1	13 48.60	−16 5.8	1.698	2.695	4.0	19.7
5 11	13 39.35	−15 50.6	1.717	2.679	8.2	19.9
5 21	13 31.83	−15 37.6	1.759	2.662	12.1	20.1
5 31	13 26.67	−15 31.2	1.824	2.646	15.5	20.3

32831 1992 DA_{12} 4 21.6 42°.89 0°.1/21.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.58	−13 59.9	1.213	2.102	16.3	18.0
4 1	14 16.09	−13 29.5	1.161	2.110	11.5	17.8
4 11	14 8.05	−12 45.3	1.130	2.119	6.1	17.5
4 21	13 58.63	−11 52.6	1.123	2.128	0.3	17.1
5 1	13 49.28	−10 59.1	1.141	2.137	5.4	17.5
5 11	13 41.41	−10 13.2	1.182	2.147	10.7	17.8
5 21	13 36.00	− 9 41.0	1.245	2.158	15.4	18.1
5 31	13 33.57	− 9 26.1	1.326	2.168	19.2	18.4

178291 1989 UV_{7} 4 21.6 285°.02 4°.2/14.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 12.35	+ 9 40.5	4.252	5.116	6.1	19.7
4 1	14 8.29	+10 16.7	4.189	5.106	4.9	19.6
4 11	14 3.52	+10 47.5	4.154	5.096	4.2	19.5
4 21	13 58.37	+11 10.6	4.146	5.086	4.4	19.5
5 1	13 53.20	+11 23.9	4.167	5.076	5.4	19.6
5 11	13 48.39	+11 26.2	4.214	5.067	6.7	19.7
5 21	13 44.24	+11 17.3	4.284	5.057	8.1	19.7
5 31	13 41.01	+10 57.4	4.376	5.047	9.3	19.8

332753 2009 TT_{47} 4 21.6 217°.76 6°.7/15.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.46	+ 5 10.0	1.886	2.767	11.7	20.5
4 1	14 15.33	+ 6 9.5	1.828	2.763	9.0	20.3
4 11	14 7.45	+ 7 2.1	1.794	2.759	7.0	20.2
4 21	13 58.60	+ 7 41.3	1.787	2.754	7.0	20.2
5 1	13 49.74	+ 8 1.9	1.806	2.750	9.1	20.3
5 11	13 41.82	+ 8 1.1	1.850	2.745	11.9	20.5
5 21	13 35.56	+ 7 38.9	1.916	2.740	14.7	20.6
5 31	13 31.45	+ 6 57.2	2.000	2.734	17.2	20.8

119485 2001 UU_{53} 4 21.6 302°.57 2°.2/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.14	− 7 57.5	1.573	2.459	13.3	19.1
4 1	14 15.55	− 7 31.1	1.498	2.447	9.3	18.8
4 11	14 7.76	− 6 59.3	1.447	2.436	5.0	18.6
4 21	13 58.63	− 6 26.9	1.422	2.424	2.3	18.3
5 1	13 49.31	− 5 59.5	1.423	2.413	5.9	18.5
5 11	13 40.98	− 5 42.3	1.450	2.402	10.4	18.8
5 21	13 34.59	− 5 39.0	1.499	2.391	14.5	19.0
5 31	13 30.75	− 5 51.4	1.568	2.380	18.0	19.2

40500 1999 RE_{82} 4 21.6 221°.15 2°.8/18.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 15.68	− 6 10.6	2.392	3.273	9.5	19.4
4 1	14 11.02	− 4 51.6	2.324	3.272	6.6	19.2
4 11	14 5.09	− 3 28.8	2.284	3.270	3.8	19.0
4 21	13 58.47	− 2 7.7	2.273	3.268	3.0	19.0
5 1	13 51.84	− 0 53.8	2.291	3.266	5.3	19.1
5 11	13 45.89	+ 0 7.8	2.337	3.264	8.3	19.3
5 21	13 41.15	+ 0 54.2	2.407	3.262	11.1	19.5
5 31	13 38.02	+ 1 23.7	2.498	3.260	13.5	19.6

194512 2001 XR 4 21.6 145°.74 0°.5/20.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 14.27	−11 0.7	3.754	4.617	6.9	21.4
4 1	14 9.67	−10 32.3	3.686	4.625	4.7	21.3
4 11	14 4.26	−10 0.2	3.646	4.632	2.4	21.1
4 21	13 58.42	− 9 26.5	3.635	4.640	0.5	20.9
5 1	13 52.60	− 8 53.7	3.655	4.646	2.5	21.1
5 11	13 47.22	− 8 24.2	3.705	4.653	4.8	21.3
5 21	13 42.62	− 7 59.9	3.782	4.660	6.9	21.4
5 31	13 39.10	− 7 42.5	3.883	4.666	8.7	21.6

468301 2015 FX_{125} 4 21.6 122°.74 1°.6/19.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 18.77	−11 38.5	1.913	2.789	11.8	21.7
4 1	14 13.38	−10 17.6	1.853	2.798	8.1	21.4
4 11	14 6.38	− 8 47.4	1.819	2.807	4.2	21.2
4 21	13 58.55	− 7 14.4	1.813	2.815	1.7	21.1
5 1	13 50.79	− 5 46.0	1.836	2.824	5.0	21.3
5 11	13 43.99	− 4 28.9	1.886	2.832	8.8	21.5
5 21	13 38.79	− 3 28.0	1.961	2.839	12.2	21.8
5 31	13 35.61	− 2 45.8	2.056	2.847	15.1	22.0

507443 2012 SL_{45} 4 21.6 266°.51 3°.2/18.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 18.80	− 5 27.4	2.008	2.892	11.0	21.4
4 1	14 13.52	− 4 29.8	1.929	2.876	7.7	21.2
4 11	14 6.55	− 3 28.3	1.875	2.861	4.5	20.9
4 21	13 58.57	− 2 28.3	1.848	2.845	3.3	20.8
5 1	13 50.44	− 1 35.8	1.850	2.828	6.0	21.0
5 11	13 43.08	− 0 55.9	1.878	2.812	9.6	21.1
5 21	13 37.19	− 0 31.9	1.930	2.796	13.0	21.3
5 31	13 33.31	− 0 25.3	2.002	2.779	15.9	21.5

132618 2002 LH_{6} 4 21.6 270°.31 4°.8/17.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.67	− 2 35.5	1.599	2.488	13.0	19.8
4 1	14 15.91	− 1 35.3	1.522	2.470	9.3	19.5
4 11	14 7.97	− 0 33.2	1.470	2.453	5.9	19.2
4 21	13 58.66	+ 0 23.6	1.443	2.435	5.0	19.2
5 1	13 49.12	+ 1 7.7	1.443	2.416	8.0	19.3
5 11	13 40.54	+ 1 33.3	1.468	2.398	12.1	19.5
5 21	13 33.85	+ 1 37.5	1.514	2.379	15.9	19.6
5 31	13 29.69	+ 1 20.2	1.579	2.360	19.3	19.8

177307 2003 YC_{18} 4 21.6 34°.70 5°.8/17.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.31	− 0 29.8	1.398	2.294	14.0	19.2
4 1	14 15.59	+ 0 26.2	1.349	2.298	10.1	19.0
4 11	14 7.70	+ 1 19.2	1.322	2.303	6.7	18.8
4 21	13 58.64	+ 2 1.7	1.320	2.308	6.0	18.8
5 1	13 49.65	+ 2 26.9	1.343	2.314	8.8	19.0
5 11	13 41.94	+ 2 30.7	1.390	2.320	12.6	19.2
5 21	13 36.34	+ 2 12.6	1.458	2.326	16.3	19.4
5 31	13 33.36	+ 1 34.1	1.543	2.332	19.3	19.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
514561 2017 XE_3			4 21.6 259°.48	7°.1/28.4 18		
	h m	° ′			°	m
3 22	14 24.98	−36 41.6	2.553	3.300	13.0	21.7
4 1	14 18.08	−37 3.9	2.436	3.271	11.1	21.5
4 11	14 9.10	−37 5.5	2.341	3.242	9.2	21.3
4 21	13 58.73	−36 44.1	2.272	3.211	7.6	21.2
5 1	13 47.95	−35 59.6	2.229	3.180	7.2	21.1
5 11	13 37.82	−34 55.4	2.214	3.147	8.4	21.1
5 21	13 29.27	−33 37.6	2.225	3.114	10.6	21.2
5 31	13 22.98	−32 14.0	2.260	3.080	13.0	21.3
224551 2005 WF_{149}			4 21.6 173°.94	0°.8/22.3 17		
3 22	14 22.02	−15 49.7	2.201	3.057	11.3	21.7
4 1	14 15.62	−15 33.0	2.128	3.060	8.1	21.5
4 11	14 7.58	−15 6.5	2.080	3.062	4.5	21.3
4 21	13 58.63	−14 32.5	2.060	3.064	0.9	21.0
5 1	13 49.65	−13 54.8	2.069	3.065	3.5	21.2
5 11	13 41.49	−13 18.1	2.107	3.066	7.2	21.5
5 21	13 34.86	−12 46.5	2.171	3.066	10.5	21.7
5 31	13 30.22	−12 23.5	2.257	3.065	13.4	21.9
38679 2000 QX			4 21.6 235°.93	2°.0/20.0 16		
3 22	14 21.81	−10 1.4	1.671	2.551	13.0	19.4
4 1	14 15.92	− 9 4.8	1.594	2.540	9.1	19.1
4 11	14 7.92	− 7 58.9	1.541	2.529	4.8	18.9
4 21	13 58.66	− 6 49.4	1.515	2.518	2.0	18.6
5 1	13 49.24	− 5 43.5	1.517	2.506	5.7	18.9
5 11	13 40.80	− 4 48.4	1.545	2.493	10.2	19.1
5 21	13 34.22	− 4 9.1	1.596	2.480	14.3	19.3
5 31	13 30.10	− 3 48.6	1.667	2.466	17.7	19.5
102648 1999 VR_{48}			4 21.6 193°.12	4°.0/24.6 17		
3 22	14 23.33	−23 32.5	1.675	2.518	14.9	19.8
4 1	14 17.09	−23 37.9	1.601	2.517	11.4	19.5
4 11	14 8.58	−23 24.4	1.549	2.516	7.5	19.3
4 21	13 58.70	−22 52.5	1.522	2.515	4.4	19.1
5 1	13 48.68	−22 5.7	1.522	2.514	5.1	19.1
5 11	13 39.77	−21 10.9	1.548	2.513	8.7	19.3
5 21	13 32.92	−20 15.5	1.598	2.511	12.5	19.6
5 31	13 28.75	−19 26.6	1.670	2.510	15.9	19.8
467290 2016 EK_{195}			4 21.6 140°.64	8°.6/14.3 18		
3 22	14 22.44	+ 8 59.5	1.719	2.596	12.8	21.1
4 1	14 16.04	+10 22.7	1.677	2.604	10.3	21.0
4 11	14 7.81	+11 34.2	1.660	2.611	8.7	20.9
4 21	13 58.65	+12 25.9	1.669	2.617	9.1	20.9
5 1	13 49.61	+12 52.4	1.702	2.624	11.1	21.0
5 11	13 41.72	+12 51.5	1.759	2.630	13.7	21.2
5 21	13 35.68	+12 24.9	1.836	2.635	16.2	21.4
5 31	13 31.94	+11 35.8	1.930	2.640	18.4	21.6
147950 4642 $T\text{-}_3$			4 21.6 5°.57	3°.1/18.3 18		
3 22	14 16.31	− 4 57.9	2.223	3.107	10.0	19.5
4 1	14 11.55	− 3 55.3	2.159	3.107	7.0	19.4
4 11	14 5.40	− 2 50.3	2.122	3.107	4.1	19.2
4 21	13 58.51	− 1 48.2	2.113	3.107	3.2	19.1
5 1	13 51.62	− 0 54.2	2.132	3.108	5.6	19.3
5 11	13 45.46	− 0 12.7	2.178	3.108	8.7	19.4
5 21	13 40.62	+ 0 13.7	2.248	3.108	11.6	19.6
5 31	13 37.49	+ 0 24.1	2.338	3.109	14.0	19.8
170927 Dgebessire			4 21.6 139°.89	5°.3/17.5 18		
3 22	14 22.01	− 1 27.8	1.593	2.481	13.0	20.2
4 1	14 15.88	− 0 15.7	1.540	2.488	9.3	20.0
4 11	14 7.79	+ 0 55.4	1.513	2.494	6.1	19.9
4 21	13 58.65	+ 1 57.8	1.512	2.499	5.5	19.8
5 1	13 49.59	+ 2 44.5	1.537	2.504	8.2	20.0
5 11	13 41.68	+ 3 10.8	1.587	2.509	11.8	20.2
5 21	13 35.72	+ 3 15.1	1.659	2.514	15.3	20.4
5 31	13 32.17	+ 2 58.3	1.749	2.518	18.1	20.7
402536 2006 FT_{42}			4 21.6 105°.47	2°.5/19.7 18		
3 22	14 20.76	− 9 49.5	1.427	2.316	14.2	20.8
4 1	14 15.23	− 8 37.8	1.370	2.321	9.9	20.6
4 11	14 7.52	− 7 16.8	1.337	2.326	5.2	20.3
4 21	13 58.64	− 5 54.0	1.329	2.330	2.6	20.1
5 1	13 49.80	− 4 38.5	1.347	2.335	6.4	20.4
5 11	13 42.20	− 3 38.1	1.391	2.340	11.0	20.6
5 21	13 36.71	− 2 57.7	1.456	2.344	15.1	20.9
5 31	13 33.81	− 2 39.2	1.540	2.348	18.5	21.1
499254 2009 VN_4			4 21.6 200°.81	1°.0/22.6 17		
3 22	14 21.15	−17 28.3	2.465	3.313	10.5	24.2
4 1	14 14.93	−17 0.6	2.380	3.308	7.6	24.0
4 11	14 7.21	−16 22.1	2.322	3.303	4.3	23.8
4 21	13 58.63	−15 35.2	2.293	3.296	1.2	23.6
5 1	13 49.97	−14 43.6	2.293	3.289	3.2	23.7
5 11	13 42.02	−13 52.1	2.323	3.281	6.6	23.9
5 21	13 35.42	−13 5.1	2.379	3.272	9.8	24.1
5 31	13 30.63	−12 26.5	2.459	3.263	12.5	24.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
225595 2000 WT_{155}			4 21.6 42°.93	6°.5/26.9 18		
	h m	° ′			°	m
3 22	14 22.25	−29 19.9	1.402	2.234	17.8	19.2
4 1	14 16.37	−29 30.8	1.359	2.261	14.1	19.0
4 11	14 8.11	−29 14.4	1.336	2.288	10.2	18.9
4 21	13 58.67	−28 31.5	1.336	2.317	7.2	18.8
5 1	13 49.48	−27 27.5	1.361	2.346	6.8	18.8
5 11	13 41.87	−26 11.6	1.410	2.375	9.4	19.0
5 21	13 36.68	−24 53.9	1.482	2.404	12.7	19.3
5 31	13 34.35	−23 43.0	1.576	2.434	15.8	19.6
505336 2013 AJ_{36}			4 21.6 167°.33	3°.7/17.1 17		
3 22	14 17.78	+ 1 8.1	2.938	3.812	8.2	22.4
4 1	14 12.27	+ 1 53.6	2.879	3.817	6.0	22.3
4 11	14 5.69	+ 2 36.5	2.847	3.821	4.1	22.2
4 21	13 58.55	+ 3 13.3	2.845	3.824	3.9	22.1
5 1	13 51.43	+ 3 40.7	2.872	3.827	5.5	22.3
5 11	13 44.91	+ 3 56.4	2.926	3.830	7.7	22.4
5 21	13 39.44	+ 3 59.3	3.005	3.832	9.9	22.5
5 31	13 35.36	+ 3 49.4	3.106	3.833	11.7	22.7
215667 2003 UX_{261}			4 21.6 106°.04	14°.3/10.2 18		
3 22	14 26.74	+25 36.3	1.652	2.476	15.9	19.6
4 1	14 19.06	+26 54.7	1.632	2.488	14.7	19.6
4 11	14 9.36	+27 43.9	1.633	2.499	14.3	19.6
4 21	13 58.76	+27 56.9	1.655	2.511	14.8	19.6
5 1	13 48.52	+27 30.9	1.697	2.522	16.1	19.7
5 11	13 39.78	+26 28.6	1.759	2.532	17.7	19.9
5 21	13 33.26	+24 55.9	1.838	2.543	19.3	20.0
5 31	13 29.35	+23 0.0	1.931	2.553	20.8	20.2
351581 2005 UR_{358}			4 21.6 74°.02	0°.1/21.6 18		
3 22	14 26.82	−12 48.2	1.229	2.112	16.5	21.1
4 1	14 19.65	−12 42.5	1.184	2.130	11.6	20.8
4 11	14 9.89	−12 25.8	1.161	2.149	6.1	20.6
4 21	13 58.80	−12 2.1	1.163	2.168	0.4	20.2
5 1	13 47.93	−11 37.1	1.190	2.187	5.3	20.6
5 11	13 38.74	−11 17.2	1.242	2.205	10.5	21.0
5 21	13 32.19	−11 7.2	1.316	2.224	15.0	21.3
5 31	13 28.73	−11 10.1	1.408	2.242	18.7	21.6
59902 1999 RJ_{147}			4 21.6 242°.75	5°.0/26.8 18		
3 22	14 19.48	−29 42.2	2.420	3.221	12.2	18.9
4 1	14 13.94	−29 51.1	2.336	3.218	9.8	18.7
4 11	14 6.76	−29 42.7	2.275	3.216	7.3	18.6
4 21	13 58.62	−29 16.7	2.240	3.213	5.4	18.4
5 1	13 50.37	−28 35.2	2.233	3.210	5.2	18.4
5 11	13 42.88	−27 42.5	2.252	3.208	7.0	18.5
5 21	13 36.85	−26 44.4	2.298	3.205	9.5	18.7
5 31	13 32.77	−25 46.6	2.367	3.202	12.0	18.8
244164 2001 XV_{29}			4 21.6 121°.62	2°.9/24.2 18		
3 22	14 24.82	−22 55.4	1.784	2.623	14.3	20.6
4 1	14 17.75	−22 24.1	1.725	2.643	10.6	20.4
4 11	14 8.73	−21 34.1	1.690	2.662	6.7	20.2
4 21	13 58.73	−20 28.1	1.682	2.680	3.2	20.0
5 1	13 48.90	−19 12.1	1.703	2.698	4.2	20.1
5 11	13 40.31	−17 53.9	1.751	2.715	8.0	20.3
5 21	13 33.74	−16 41.0	1.825	2.731	11.6	20.6
5 31	13 29.63	−15 39.3	1.920	2.746	14.7	20.8
413886 2006 VK_{77}			4 21.6 108°.57	1°.4/20.5 18		
3 22	14 22.29	−10 22.4	1.787	2.663	12.5	21.5
4 1	14 15.90	− 9 41.3	1.734	2.679	8.7	21.3
4 11	14 7.74	− 8 53.4	1.706	2.694	4.5	21.1
4 21	13 58.68	− 8 3.6	1.706	2.710	1.4	20.9
5 1	13 49.75	− 7 17.5	1.734	2.724	4.9	21.2
5 11	13 41.91	− 6 40.3	1.788	2.739	8.9	21.5
5 21	13 35.89	− 6 15.6	1.867	2.753	12.4	21.7
5 31	13 32.10	− 6 5.3	1.967	2.766	15.4	21.9
137861 2000 AA_{66}			4 21.6 107°.60	4°.4/18.3 18		
3 22	14 22.67	− 2 25.6	1.690	2.575	12.6	19.8
4 1	14 16.21	− 1 33.3	1.642	2.588	8.9	19.6
4 11	14 7.91	− 0 41.9	1.619	2.602	5.5	19.5
4 21	13 58.69	+ 0 2.5	1.623	2.615	4.5	19.4
5 1	13 49.61	+ 0 34.1	1.654	2.627	7.2	19.6
5 11	13 41.69	+ 0 49.1	1.711	2.639	10.7	19.8
5 21	13 35.63	+ 0 46.3	1.790	2.651	14.0	20.1
5 31	13 31.89	+ 0 26.1	1.889	2.663	16.8	20.3
505242 2012 UW_{73}			4 21.6 32°.23	0°.3/21.8 17		
3 22	14 19.95	−13 52.3	1.979	2.848	11.8	21.7
4 1	14 14.31	−13 39.3	1.910	2.850	8.4	21.5
4 11	14 6.96	−13 17.7	1.866	2.851	4.5	21.2
4 21	13 58.65	−12 50.1	1.848	2.853	0.4	20.9
5 1	13 50.29	−12 20.4	1.859	2.855	3.8	21.2
5 11	13 42.81	−11 53.4	1.898	2.857	7.7	21.4
5 21	13 36.92	−11 32.9	1.961	2.860	11.3	21.6
5 31	13 33.11	−11 21.9	2.045	2.862	14.3	21.8

289222 2004 XG_{44} 4 21.6 95°.83 0°.8/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 21.34	−16 33.8	2.055	2.913	11.9	21.6
4 1	14 15.09	−16 7.4	2.001	2.934	8.5	21.4
4 11	14 7.27	−15 30.3	1.972	2.955	4.7	21.2
4 21	13 58.67	−14 45.5	1.971	2.975	1.0	21.0
5 1	13 50.20	−13 57.7	1.999	2.995	3.5	21.2
5 11	13 42.72	−13 12.0	2.055	3.015	7.2	21.5
5 21	13 36.87	−12 33.0	2.137	3.035	10.5	21.7
5 31	13 33.04	−12 4.0	2.240	3.054	13.3	21.9

279244 2009 VN_{25} 4 21.6 122°.13 7°.6/15.3 17

3 22	14 22.13	+ 8 56.8	1.951	2.823	11.8	20.3
4 1	14 15.69	+ 9 49.4	1.905	2.830	9.3	20.2
4 11	14 7.61	+10 31.1	1.883	2.835	7.7	20.1
4 21	13 58.69	+10 56.1	1.888	2.841	7.9	20.1
5 1	13 49.88	+11 0.3	1.919	2.847	9.6	20.2
5 11	13 42.07	+10 42.4	1.974	2.852	12.1	20.4
5 21	13 35.93	+10 3.6	2.052	2.858	14.5	20.6
5 31	13 31.87	+ 9 6.6	2.147	2.863	16.7	20.7

143534 2003 EC_{21} 4 21.6 67°.44 5°.7/14.9 18

3 22	14 16.67	+ 1 34.4	2.066	2.953	10.5	19.2
4 1	14 11.74	+ 3 27.8	2.031	2.973	7.8	19.1
4 11	14 5.47	+ 5 16.7	2.024	2.993	5.9	19.0
4 21	13 58.56	+ 6 53.8	2.044	3.013	6.2	19.0
5 1	13 51.80	+ 8 12.3	2.092	3.033	8.2	19.2
5 11	13 45.92	+ 9 8.6	2.166	3.053	10.8	19.4
5 21	13 41.45	+ 9 41.7	2.262	3.073	13.2	19.6
5 31	13 38.74	+ 9 52.6	2.377	3.093	15.2	19.8

276635 2003 UM_{180} 4 21.6 255°.77 1°.5/20.5 17

3 22	14 21.14	−11 23.4	1.666	2.546	13.1	20.8
4 1	14 15.52	−10 29.5	1.585	2.531	9.2	20.5
4 11	14 7.78	− 9 24.7	1.527	2.516	4.8	20.2
4 21	13 58.72	− 8 14.3	1.496	2.500	1.5	20.0
5 1	13 49.45	− 7 5.4	1.493	2.484	5.4	20.2
5 11	13 41.12	− 6 5.5	1.516	2.468	10.0	20.4
5 21	13 34.63	− 5 20.4	1.562	2.451	14.2	20.6
5 31	13 30.61	− 4 53.6	1.628	2.434	17.8	20.8

282948 2007 RY_{101} 4 21.6 296°.22 0°.2/21.8 17

3 22	14 18.04	−15 41.2	1.824	2.695	12.5	20.3
4 1	14 13.28	−14 56.2	1.732	2.672	9.0	20.0
4 11	14 6.57	−13 57.1	1.664	2.650	4.9	19.7
4 21	13 58.65	−12 47.7	1.623	2.628	0.5	19.3
5 1	13 50.47	−11 33.9	1.610	2.606	4.2	19.6
5 11	13 43.09	−10 23.2	1.623	2.583	8.7	19.8
5 21	13 37.35	− 9 22.1	1.660	2.561	12.8	20.0
5 31	13 33.85	− 8 35.7	1.718	2.539	16.4	20.2

30995 1995 UZ_{3} 4 21.6 209°.45 0°.1/21.5 18

3 22	14 23.85	−10 58.5	2.325	3.187	10.5	18.6
4 1	14 16.88	−11 14.9	2.249	3.186	7.4	18.4
4 11	14 8.29	−11 27.0	2.199	3.185	3.9	18.2
4 21	13 58.75	−11 36.2	2.178	3.183	0.2	17.9
5 1	13 49.11	−11 44.4	2.188	3.182	3.6	18.2
5 11	13 40.22	−11 54.1	2.226	3.180	7.1	18.4
5 21	13 32.78	−12 7.4	2.291	3.179	10.3	18.6
5 31	13 27.28	−12 26.4	2.378	3.177	13.0	18.8

129550 Fukuten 4 21.6 268°.09 0°.6/21.2 18

3 22	14 22.11	−13 12.0	1.665	2.539	13.4	20.5
4 1	14 16.34	−12 29.4	1.573	2.516	9.5	20.2
4 11	14 8.29	−11 34.1	1.504	2.492	5.0	19.9
4 21	13 58.76	−10 30.1	1.463	2.468	0.6	19.5
5 1	13 48.87	− 9 24.1	1.449	2.443	5.0	19.8
5 11	13 39.84	− 8 23.5	1.461	2.417	9.9	20.0
5 21	13 32.68	− 7 35.1	1.497	2.391	14.4	20.2
5 31	13 28.09	− 7 3.4	1.552	2.365	18.2	20.4

93862 2000 WD_{113} 4 21.6 223°.29 5°.1/26.7 18

3 22	14 21.49	−30 7.5	2.285	3.084	12.9	19.8
4 1	14 15.46	−30 0.5	2.193	3.074	10.4	19.6
4 11	14 7.63	−29 33.6	2.123	3.065	7.7	19.4
4 21	13 58.71	−28 46.8	2.079	3.055	5.5	19.3
5 1	13 49.65	−27 42.6	2.064	3.044	5.3	19.2
5 11	13 41.41	−26 26.6	2.076	3.033	7.4	19.3
5 21	13 34.76	−25 5.7	2.114	3.021	10.2	19.5
5 31	13 30.25	−23 46.9	2.177	3.009	13.0	19.6

66893 1999 VQ_{87} 4 21.6 225°.42 1°.5/20.1 18

3 22	14 18.98	−10 7.2	2.367	3.238	10.0	19.9
4 1	14 13.45	− 9 11.9	2.285	3.228	7.0	19.7
4 11	14 6.47	− 8 9.6	2.229	3.216	3.7	19.4
4 21	13 58.64	− 7 4.7	2.202	3.204	1.5	19.2
5 1	13 50.73	− 6 2.3	2.205	3.192	4.3	19.4
5 11	13 43.49	− 5 7.3	2.236	3.179	7.8	19.6
5 21	13 37.55	− 4 23.7	2.292	3.165	10.9	19.8
5 31	13 33.36	− 3 53.9	2.371	3.151	13.6	20.0

148636 2001 SJ_{22} 4 21.6 253°.07 1°.3/22.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 22.19	−16 54.7	1.848	2.709	12.9	21.4
4 1	14 16.17	−16 43.4	1.762	2.696	9.4	21.1
4 11	14 8.10	−16 19.6	1.701	2.683	5.4	20.8
4 21	13 58.75	−15 45.4	1.666	2.670	1.5	20.5
5 1	13 49.17	−15 4.9	1.659	2.656	4.0	20.7
5 11	13 40.46	−14 23.6	1.680	2.642	8.3	20.9
5 21	13 33.50	−13 47.2	1.725	2.628	12.3	21.1
5 31	13 28.91	−13 20.4	1.791	2.613	15.7	21.3

391616 2007 VK_{23} 4 21.6 138°.56 5°.4/15.7 17

3 22	14 19.15	+ 5 39.6	2.557	3.430	9.3	21.1
4 1	14 13.32	+ 6 35.0	2.510	3.440	7.1	21.0
4 11	14 6.27	+ 7 24.3	2.490	3.451	5.6	20.9
4 21	13 58.63	+ 8 2.8	2.499	3.460	5.7	20.9
5 1	13 51.06	+ 8 26.9	2.535	3.470	7.3	21.1
5 11	13 44.23	+ 8 34.7	2.597	3.479	9.4	21.2
5 21	13 38.64	+ 8 26.0	2.683	3.487	11.5	21.4
5 31	13 34.64	+ 8 1.9	2.789	3.496	13.4	21.5

320449 2007 VN_{198} 4 21.6 280°.30 3°.7/18.1 17

3 22	14 18.16	− 2 18.7	2.197	3.080	10.2	20.2
4 1	14 12.91	− 1 34.1	2.129	3.074	7.3	20.0
4 11	14 6.19	− 0 49.8	2.086	3.068	4.5	19.8
4 21	13 58.64	− 0 10.2	2.072	3.063	3.8	19.8
5 1	13 51.04	+ 0 20.0	2.085	3.057	6.0	19.9
5 11	13 44.19	+ 0 37.3	2.125	3.051	9.1	20.1
5 21	13 38.69	+ 0 40.0	2.189	3.046	12.0	20.2
5 31	13 34.99	+ 0 27.6	2.273	3.040	14.5	20.4

357923 2005 WE_{75} 4 21.6 221°.34 0°.0/21.6 17

3 22	14 25.62	−13 33.4	1.658	2.526	13.7	22.1
4 1	14 18.72	−13 14.2	1.578	2.517	9.8	21.8
4 11	14 9.50	−12 44.0	1.522	2.508	5.3	21.5
4 21	13 58.85	−12 6.2	1.492	2.497	0.3	21.1
5 1	13 47.97	−11 25.6	1.491	2.486	4.7	21.4
5 11	13 38.12	−10 48.5	1.516	2.474	9.5	21.7
5 21	13 30.28	−10 20.4	1.566	2.461	13.8	21.9
5 31	13 25.11	−10 5.2	1.635	2.448	17.4	22.1

458741 2011 QH_{27} 4 21.6 179°.39 2°.0/20.1 16

3 22	14 23.74	− 9 22.7	1.705	2.583	12.9	22.7
4 1	14 17.15	− 8 34.4	1.639	2.585	9.0	22.4
4 11	14 8.53	− 7 38.9	1.598	2.586	4.8	22.2
4 21	13 58.78	− 6 41.5	1.584	2.586	2.0	22.0
5 1	13 49.02	− 5 48.7	1.598	2.586	5.5	22.2
5 11	13 40.33	− 5 6.5	1.638	2.585	9.8	22.5
5 21	13 33.54	− 4 38.9	1.703	2.584	13.6	22.7
5 31	13 29.19	− 4 28.2	1.787	2.581	16.9	22.9

19640 Ethanroth 4 21.6 84°.00 1°.7/20.1 18 R

3 22	14 20.12	− 9 28.3	1.846	2.726	12.0	18.4
4 1	14 14.36	− 8 42.4	1.794	2.741	8.3	18.2
4 11	14 6.95	− 7 50.8	1.767	2.755	4.3	18.0
4 21	13 58.69	− 6 58.4	1.767	2.770	1.8	17.9
5 1	13 50.54	− 6 10.9	1.796	2.785	5.0	18.1
5 11	13 43.42	− 5 33.2	1.851	2.799	8.7	18.4
5 21	13 37.97	− 5 8.6	1.930	2.814	12.2	18.6
5 31	13 34.62	− 4 58.8	2.029	2.828	15.0	18.8

419321 2009 WG_{96} 4 21.6 308°.29 2°.3/20.1 17

3 22	14 21.17	− 7 40.5	1.512	2.401	13.6	20.3
4 1	14 15.77	− 7 18.1	1.431	2.381	9.6	20.0
4 11	14 8.02	− 6 50.5	1.373	2.362	5.2	19.7
4 21	13 58.77	− 6 22.4	1.340	2.342	2.4	19.4
5 1	13 49.19	− 5 59.3	1.333	2.323	6.1	19.6
5 11	13 40.56	− 5 46.9	1.351	2.305	10.8	19.8
5 21	13 33.91	− 5 48.6	1.392	2.286	15.2	20.1
5 31	13 29.93	− 6 6.6	1.451	2.269	19.0	20.3

43484 2001 BF_{43} 4 21.6 52°.91 6°.0/26.4 18

3 22	14 21.54	−28 32.8	1.406	2.242	17.6	18.5
4 1	14 16.09	−28 28.0	1.345	2.251	13.9	18.3
4 11	14 8.13	−27 55.4	1.303	2.261	9.9	18.1
4 21	13 58.77	−26 55.9	1.285	2.270	6.6	17.9
5 1	13 49.44	−25 35.0	1.292	2.281	6.5	17.9
5 11	13 41.54	−24 2.6	1.323	2.291	9.5	18.1
5 21	13 36.04	−22 29.6	1.378	2.301	13.3	18.4
5 31	13 33.48	−21 5.9	1.453	2.312	16.9	18.6

133400 2003 SX_{166} 4 21.6 350°.28 6°.0/26.3 17

3 22	14 19.98	−27 59.8	1.619	2.450	15.9	19.5
4 1	14 14.93	−28 17.2	1.543	2.446	12.6	19.2
4 11	14 7.54	−28 11.8	1.489	2.443	9.2	19.0
4 21	13 58.74	−27 43.1	1.458	2.440	6.5	18.8
5 1	13 49.76	−26 53.7	1.453	2.438	6.4	18.8
5 11	13 41.88	−25 50.7	1.472	2.436	9.1	19.0
5 21	13 36.08	−24 42.4	1.515	2.435	12.6	19.2
5 31	13 33.00	−23 37.5	1.579	2.435	15.9	19.4

266340 2007 DW_{77} 4 21.6 274°.95 3°.8/18.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 19.73	− 4 35.5	1.706	2.595	12.3	20.3
4 1	14 14.37	− 3 36.5	1.639	2.588	8.7	20.0
4 11	14 7.09	− 2 34.5	1.596	2.581	5.1	19.8
4 21	13 58.71	− 1 36.0	1.579	2.574	4.0	19.7
5 1	13 50.25	− 0 47.8	1.590	2.567	6.9	19.9
5 11	13 42.75	− 0 15.1	1.625	2.561	10.7	20.1
5 21	13 36.99	− 0 1.0	1.684	2.554	14.3	20.3
5 31	13 33.51	− 0 6.2	1.761	2.547	17.4	20.5

114917 2003 QW_{36} 4 21.6 166°.81 1°.5/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.50	− 9 19.3	2.377	3.248	10.0	20.7
4 1	14 13.73	− 8 36.8	2.310	3.252	6.9	20.5
4 11	14 6.58	− 7 49.3	2.269	3.256	3.6	20.3
4 21	13 58.68	− 7 0.6	2.257	3.259	1.5	20.1
5 1	13 50.79	− 6 15.2	2.274	3.262	4.2	20.3
5 11	13 43.65	− 5 37.2	2.320	3.264	7.5	20.5
5 21	13 37.83	− 5 9.5	2.391	3.266	10.5	20.7
5 31	13 33.74	− 4 54.1	2.485	3.267	13.0	20.9

138423 2000 HB_{64} 4 21.6 52°.37 0°.5/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 23.88	−13 46.5	1.411	2.290	15.1	19.7
4 1	14 17.48	−13 47.9	1.360	2.303	10.7	19.5
4 11	14 8.76	−13 38.7	1.331	2.317	5.7	19.2
4 21	13 58.81	−13 21.8	1.327	2.332	0.7	18.9
5 1	13 48.96	−13 1.8	1.349	2.346	4.7	19.2
5 11	13 40.48	−12 44.4	1.397	2.361	9.5	19.5
5 21	13 34.27	−12 34.2	1.468	2.377	13.7	19.8
5 31	13 30.83	−12 34.5	1.558	2.392	17.2	20.1

64551 2001 WO_{9} 4 21.6 354°.38 4°.0/18.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 16.58	− 7 57.0	1.045	1.955	16.3	18.0
4 1	14 12.92	− 6 37.6	0.990	1.950	11.4	17.7
4 11	14 6.58	− 5 8.2	0.956	1.946	6.3	17.4
4 21	13 58.69	− 3 39.2	0.944	1.944	4.2	17.3
5 1	13 50.73	− 2 22.8	0.955	1.942	8.5	17.5
5 11	13 44.19	− 1 29.0	0.987	1.941	13.7	17.8
5 21	13 40.12	− 1 2.6	1.038	1.942	18.5	18.1
5 31	13 39.11	− 1 4.6	1.105	1.944	22.4	18.3

440884 2006 TQ_{115} 4 21.6 59°.50 5°.7/15.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 16.78	+ 3 14.3	2.153	3.038	10.3	21.3
4 1	14 11.89	+ 4 30.3	2.104	3.043	7.7	21.2
4 11	14 5.62	+ 5 41.6	2.080	3.048	5.9	21.1
4 21	13 58.63	+ 6 42.2	2.084	3.053	6.0	21.1
5 1	13 51.69	+ 7 26.9	2.115	3.059	7.9	21.2
5 11	13 45.54	+ 7 52.4	2.171	3.064	10.5	21.4
5 21	13 40.75	+ 7 58.1	2.249	3.070	12.9	21.6
5 31	13 37.71	+ 7 44.8	2.346	3.075	15.1	21.7

435994 2009 FM_{11} 4 21.6 40°.27 2°.8/18.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 16.83	− 6 51.9	2.054	2.939	10.7	21.2
4 1	14 12.02	− 5 44.5	1.992	2.941	7.4	21.0
4 11	14 5.73	− 4 32.9	1.956	2.943	4.2	20.8
4 21	13 58.64	− 3 22.8	1.947	2.945	2.9	20.7
5 1	13 51.56	− 2 20.0	1.967	2.948	5.5	20.9
5 11	13 45.30	− 1 29.8	2.014	2.950	8.9	21.1
5 21	13 40.46	− 0 55.3	2.084	2.953	12.0	21.3
5 31	13 37.46	− 0 37.8	2.175	2.955	14.7	21.5

259248 2003 BB_{78} 4 21.6 89°.09 0°.2/21.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 23.73	−13 50.4	1.723	2.592	13.3	20.5
4 1	14 17.00	−13 33.7	1.672	2.612	9.3	20.3
4 11	14 8.38	−13 7.4	1.646	2.632	5.0	20.1
4 21	13 58.81	−12 34.8	1.646	2.651	0.4	19.8
5 1	13 49.38	−12 0.8	1.674	2.670	4.2	20.1
5 11	13 41.15	−11 30.6	1.729	2.689	8.4	20.4
5 21	13 34.85	−11 8.4	1.809	2.707	12.1	20.7
5 31	13 30.91	−10 57.3	1.909	2.725	15.2	20.9

29581 1998 FR_{55} 4 21.6 122°.93 3°.5/17.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 17.11	− 2 49.0	2.440	3.321	9.4	19.1
4 1	14 11.98	− 1 39.2	2.386	3.331	6.6	18.9
4 11	14 5.62	− 0 29.3	2.360	3.341	4.2	18.8
4 21	13 58.64	+ 0 35.8	2.362	3.351	3.7	18.7
5 1	13 51.72	+ 1 31.1	2.394	3.360	5.8	18.9
5 11	13 45.52	+ 2 13.0	2.452	3.370	8.4	19.1
5 21	13 40.55	+ 2 39.5	2.535	3.378	11.0	19.2
5 31	13 37.17	+ 2 50.1	2.639	3.387	13.1	19.4

468651 2008 UH_{161} 4 21.6 287°.44 0°.3/21.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 18.26	−16 37.4	1.792	2.661	12.8	21.3
4 1	14 13.46	−15 38.4	1.701	2.640	9.2	21.1
4 11	14 6.70	−14 23.1	1.634	2.619	5.0	20.8
4 21	13 58.72	−12 55.7	1.593	2.598	0.5	20.4
5 1	13 50.51	−11 23.3	1.581	2.577	4.3	20.6
5 11	13 43.13	− 9 54.3	1.595	2.556	8.9	20.9
5 21	13 37.42	− 8 36.2	1.634	2.534	13.1	21.0
5 31	13 34.00	− 7 34.8	1.694	2.513	16.6	21.2

105784 2000 SV_{118} 4 21.6 226°.23 1°.0/20.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 18.10	−10 17.8	2.678	3.546	9.1	20.6
4 1	14 12.73	− 9 46.6	2.596	3.537	6.4	20.4
4 11	14 6.07	− 9 10.3	2.541	3.528	3.3	20.2
4 21	13 58.68	− 8 31.8	2.515	3.519	1.0	20.0
5 1	13 51.21	− 7 54.7	2.519	3.509	3.6	20.2
5 11	13 44.34	− 7 22.5	2.551	3.499	6.7	20.4
5 21	13 38.59	− 6 58.2	2.609	3.488	9.5	20.5
5 31	13 34.40	− 6 43.9	2.690	3.477	12.0	20.7

428871 2008 UO_{188} 4 21.6 132°.87 0°.3/21.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.74	−13 0.2	2.025	2.895	11.5	21.7
4 1	14 14.12	−12 29.9	1.958	2.899	8.1	21.5
4 11	14 6.88	−11 51.2	1.916	2.902	4.2	21.3
4 21	13 58.73	−11 7.6	1.901	2.906	0.4	21.0
5 1	13 50.57	−10 23.6	1.915	2.909	4.0	21.3
5 11	13 43.28	− 9 44.5	1.956	2.912	7.8	21.5
5 21	13 37.53	− 9 14.1	2.022	2.915	11.2	21.7
5 31	13 33.80	− 8 55.4	2.109	2.918	14.2	21.9

286538 2002 CQ_{120} 4 21.6 47°.59 4°.1/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 22.95	−22 25.4	1.303	2.164	17.2	20.3
4 1	14 17.19	−22 29.8	1.243	2.171	13.0	20.0
4 11	14 8.78	−22 12.3	1.205	2.179	8.3	19.8
4 21	13 58.85	−21 34.3	1.189	2.186	4.5	19.6
5 1	13 48.89	−20 41.0	1.199	2.194	5.5	19.6
5 11	13 40.39	−19 41.2	1.232	2.202	9.8	19.9
5 21	13 34.38	−18 43.9	1.288	2.211	14.2	20.2
5 31	13 31.46	−17 56.9	1.364	2.219	18.0	20.4

380602 2004 TE_{14} 4 21.6 179°.54 1°.1/20.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 23.21	− 8 52.2	2.645	3.507	9.4	21.8
4 1	14 16.24	− 8 39.6	2.571	3.509	6.6	21.6
4 11	14 7.90	− 8 23.6	2.524	3.510	3.5	21.4
4 21	13 58.80	− 8 6.4	2.507	3.511	1.1	21.2
5 1	13 49.65	− 7 51.0	2.521	3.510	3.7	21.4
5 11	13 41.21	− 7 40.2	2.565	3.509	6.8	21.6
5 21	13 34.03	− 7 36.1	2.635	3.508	9.7	21.8
5 31	13 28.56	− 7 40.5	2.729	3.505	12.1	21.9

149209 2002 PH_{160} 4 21.7 208°.54 1°.8/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 25.90	−17 42.7	1.510	2.373	15.1	21.3
4 1	14 19.12	−17 35.0	1.435	2.369	11.1	21.0
4 11	14 9.80	−17 11.8	1.382	2.364	6.4	20.8
4 21	13 58.93	−16 35.2	1.356	2.359	2.0	20.5
5 1	13 47.86	−15 49.9	1.356	2.353	4.7	20.6
5 11	13 37.98	−15 3.3	1.382	2.347	9.6	20.9
5 21	13 30.35	−14 22.2	1.432	2.340	14.1	21.1
5 31	13 25.62	−13 52.6	1.502	2.332	17.9	21.4

45278 2000 AL_{15} 4 21.7 243°.86 1°.0/20.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 22.81	−11 5.1	1.855	2.727	12.3	19.6
4 1	14 16.58	−10 34.0	1.770	2.713	8.7	19.3
4 11	14 8.33	− 9 54.6	1.710	2.697	4.6	19.0
4 21	13 58.84	− 9 10.8	1.677	2.682	1.0	18.7
5 1	13 49.12	− 8 27.6	1.673	2.665	4.8	19.0
5 11	13 40.25	− 7 50.7	1.696	2.648	9.1	19.2
5 21	13 33.09	− 7 24.6	1.743	2.631	13.0	19.4
5 31	13 28.25	− 7 12.4	1.811	2.612	16.4	19.6

333665 2008 SB_{249} 4 21.7 298°.62 3°.7/19.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 22.23	− 4 30.0	1.691	2.576	12.6	20.5
4 1	14 16.51	− 3 52.1	1.592	2.540	9.0	20.2
4 11	14 8.48	− 3 10.7	1.518	2.504	5.3	19.9
4 21	13 58.87	− 2 31.4	1.470	2.467	3.8	19.8
5 1	13 48.74	− 2 0.4	1.449	2.430	7.0	19.9
5 11	13 39.32	− 1 43.3	1.453	2.393	11.4	20.0
5 21	13 31.64	− 1 43.8	1.480	2.356	15.6	20.2
5 31	13 26.48	− 2 3.4	1.526	2.318	19.4	20.3

109126 2001 QK_{48} 4 21.7 149°.32 4°.1/17.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 18.02	− 0 49.3	2.309	3.191	9.8	19.9
4 1	14 12.71	+ 0 12.1	2.252	3.195	7.1	19.7
4 11	14 6.06	+ 1 12.3	2.221	3.199	4.7	19.6
4 21	13 58.70	+ 2 6.0	2.219	3.203	4.3	19.5
5 1	13 51.37	+ 2 48.7	2.245	3.207	6.4	19.7
5 11	13 44.79	+ 3 16.7	2.297	3.211	9.1	19.8
5 21	13 39.51	+ 3 28.7	2.373	3.214	11.7	20.0
5 31	13 35.94	+ 3 24.5	2.470	3.217	14.0	20.2

174588 2003 QM_{42} 4 21.7 220°.88 1°.6/22.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 24.79	−18 2.7	2.045	2.894	12.3	21.1
4 1	14 17.89	−17 54.9	1.956	2.883	9.0	20.9
4 11	14 9.01	−17 34.6	1.892	2.871	5.3	20.6
4 21	13 58.90	−17 3.5	1.856	2.858	1.8	20.4
5 1	13 48.57	−16 25.0	1.849	2.845	3.8	20.5
5 11	13 39.06	−15 44.2	1.871	2.831	7.8	20.7
5 21	13 31.23	−15 6.3	1.918	2.816	11.5	20.9
5 31	13 25.66	−14 36.3	1.987	2.800	14.8	21.1

114853 2003 PM_6 4 21.7 145°.51 3°.3/17.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 18.70	− 3 41.9	2.452	3.330	9.5	20.1
4 1	14 13.09	− 2 32.1	2.396	3.340	6.7	19.9
4 11	14 6.22	− 1 21.4	2.368	3.350	4.1	19.8
4 21	13 58.72	− 0 14.7	2.369	3.360	3.5	19.7
5 1	13 51.27	+ 0 42.8	2.400	3.369	5.6	19.9
5 11	13 44.57	+ 1 27.5	2.458	3.377	8.3	20.1
5 21	13 39.13	+ 1 57.1	2.541	3.385	10.9	20.3
5 31	13 35.33	+ 2 11.1	2.644	3.392	13.1	20.4

122231 2000 OV_5 4 21.7 207°.65 5°.4/26.9 18

3 22	14 23.65	−31 5.2	2.488	3.272	12.4	19.9
4 1	14 16.94	−31 17.8	2.395	3.266	10.1	19.7
4 11	14 8.45	−31 12.2	2.326	3.258	7.7	19.5
4 21	13 58.87	−30 47.8	2.283	3.250	5.8	19.4
5 1	13 49.11	−30 6.0	2.269	3.242	5.6	19.4
5 11	13 40.12	−29 11.1	2.283	3.232	7.3	19.5
5 21	13 32.66	−28 8.9	2.323	3.222	9.7	19.6
5 31	13 27.29	−27 6.0	2.387	3.211	12.2	19.8

433323 2013 QW_{57} 4 21.7 254°.21 2°.8/23.7 17

3 22	14 24.11	−20 40.9	1.955	2.798	13.0	21.7
4 1	14 17.61	−20 46.4	1.859	2.779	9.8	21.4
4 11	14 8.97	−20 37.6	1.787	2.760	6.2	21.1
4 21	13 58.91	−20 15.0	1.741	2.740	3.1	20.9
5 1	13 48.50	−19 41.0	1.724	2.719	4.3	20.9
5 11	13 38.86	−19 0.9	1.735	2.697	8.1	21.1
5 21	13 30.95	−18 20.6	1.771	2.675	12.0	21.3
5 31	13 25.45	−17 45.8	1.828	2.653	15.4	21.5

338819 2003 WO_{69} 4 21.7 220°.85 2°.9/18.9 18

3 22	14 20.41	− 4 13.3	2.317	3.194	10.0	20.9
4 1	14 14.48	− 3 37.8	2.243	3.186	7.1	20.7
4 11	14 7.05	− 3 1.2	2.195	3.179	4.1	20.5
4 21	13 58.78	− 2 27.4	2.175	3.170	3.0	20.4
5 1	13 50.44	− 2 0.4	2.184	3.162	5.3	20.5
5 11	13 42.80	− 1 43.8	2.221	3.153	8.4	20.7
5 21	13 36.50	− 1 39.6	2.283	3.144	11.4	20.9
5 31	13 32.01	− 1 48.6	2.366	3.134	14.0	21.0

277712 2006 DU_{30} 4 21.7 0°.30 2°.3/19.8 17

3 22	14 17.96	− 9 3.3	1.618	2.507	12.8	20.2
4 1	14 13.19	− 8 8.5	1.556	2.506	8.9	20.0
4 11	14 6.50	− 7 6.5	1.517	2.506	4.7	19.7
4 21	13 58.75	− 6 3.4	1.504	2.506	2.3	19.5
5 1	13 50.97	− 5 6.1	1.518	2.506	5.8	19.8
5 11	13 44.21	− 4 21.0	1.557	2.507	10.0	20.0
5 21	13 39.23	− 3 52.2	1.618	2.508	13.8	20.2
5 31	13 36.55	− 3 41.7	1.699	2.509	17.0	20.5

501926 2014 WH_{490} 4 21.7 68°.02 9°.5/13.8 18

3 22	14 20.98	+10 9.6	1.582	2.463	13.5	20.7
4 1	14 15.17	+11 36.1	1.546	2.472	11.0	20.6
4 11	14 7.46	+12 48.4	1.534	2.481	9.6	20.5
4 21	13 58.81	+13 38.2	1.546	2.491	10.0	20.6
5 1	13 50.32	+13 59.8	1.582	2.500	12.0	20.7
5 11	13 43.03	+13 51.8	1.640	2.509	14.5	20.9
5 21	13 37.66	+13 16.4	1.717	2.519	17.1	21.1
5 31	13 34.65	+12 17.6	1.811	2.528	19.3	21.3

501910 2014 WY_{468} 4 21.7 107°.93 7°.5/14.6 17

3 22	14 19.82	+ 7 27.5	1.904	2.784	11.7	20.5
4 1	14 14.15	+ 8 46.2	1.862	2.792	9.2	20.4
4 11	14 6.87	+ 9 55.6	1.844	2.799	7.6	20.3
4 21	13 58.78	+10 48.7	1.852	2.806	7.9	20.3
5 1	13 50.78	+11 20.2	1.886	2.813	9.8	20.5
5 11	13 43.76	+11 27.8	1.944	2.821	12.3	20.6
5 21	13 38.34	+11 12.2	2.023	2.827	14.8	20.8
5 31	13 34.95	+10 35.7	2.120	2.834	16.9	21.0

200981 2002 CZ_{121} 4 21.7 93°.87 1°.5/22.7 18

3 22	14 23.01	−17 58.5	1.441	2.309	15.4	20.3
4 1	14 16.92	−17 31.3	1.383	2.320	11.1	20.0
4 11	14 8.54	−16 47.4	1.347	2.330	6.3	19.8
4 21	13 58.90	−15 50.6	1.336	2.340	1.7	19.5
5 1	13 49.32	−14 47.7	1.352	2.350	4.6	19.7
5 11	13 41.08	−13 46.8	1.394	2.360	9.3	20.0
5 21	13 35.07	−12 55.1	1.459	2.369	13.6	20.3
5 31	13 31.81	−12 17.7	1.543	2.379	17.2	20.5

8912 Ohshimatake 4 21.7 221°.53 0°.3/21.3 18

3 22	14 17.70	−12 39.6	2.810	3.672	8.9	18.9
4 1	14 12.42	−12 7.5	2.726	3.664	6.3	18.7
4 11	14 5.93	−11 28.8	2.668	3.655	3.3	18.5
4 21	13 58.74	−10 46.3	2.640	3.645	0.4	18.2
5 1	13 51.47	−10 3.5	2.642	3.635	3.1	18.4
5 11	13 44.77	− 9 24.0	2.673	3.625	6.2	18.6
5 21	13 39.16	− 8 50.9	2.731	3.615	9.0	18.8
5 31	13 35.02	− 8 26.9	2.811	3.604	11.4	18.9

203668 2002 JQ_{104} 4 21.7 295°.21 2°.9/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 18.78	−22 29.3	1.824	2.673	13.6	20.1
4 1	14 13.85	−22 4.6	1.737	2.660	10.3	19.9
4 11	14 6.93	−21 21.2	1.674	2.647	6.5	19.6
4 21	13 58.80	−20 21.0	1.636	2.634	3.2	19.4
5 1	13 50.49	−19 9.0	1.625	2.621	4.2	19.4
5 11	13 43.07	−17 52.2	1.641	2.609	8.0	19.6
5 21	13 37.39	−16 38.3	1.682	2.596	11.9	19.8
5 31	13 34.03	−15 34.1	1.745	2.584	15.4	20.0

507580 2013 AB_{158} 4 21.7 171°.95 0°.1/21.8 17

3 22	14 17.46	−14 51.0	3.004	3.858	8.6	24.1
4 1	14 12.14	−14 13.3	2.928	3.862	6.1	23.9
4 11	14 5.73	−13 28.2	2.881	3.865	3.3	23.8
4 21	13 58.73	−12 38.5	2.862	3.867	0.3	23.5
5 1	13 51.73	−11 47.5	2.874	3.869	2.8	23.7
5 11	13 45.31	−10 58.8	2.916	3.870	5.6	23.9
5 21	13 39.93	−10 15.9	2.985	3.871	8.2	24.1
5 31	13 35.95	− 9 41.3	3.078	3.872	10.5	24.2

380082 2013 SS_{40} 4 21.7 289°.20 1°.0/20.8 17

3 22	14 18.55	−13 5.7	1.675	2.555	13.0	20.3
4 1	14 13.75	−12 4.6	1.591	2.538	9.2	20.0
4 11	14 6.91	−10 50.1	1.532	2.520	4.8	19.7
4 21	13 58.81	− 9 27.8	1.499	2.503	1.0	19.4
5 1	13 50.52	− 8 5.2	1.493	2.486	5.1	19.7
5 11	13 43.11	− 6 50.6	1.513	2.469	9.7	19.9
5 21	13 37.47	− 5 50.5	1.557	2.452	13.9	20.1
5 31	13 34.20	− 5 9.3	1.621	2.435	17.5	20.3

243212 2007 UQ_{48} 4 21.7 116°.41 3°.7/18.4 18

3 22	14 20.33	− 1 23.0	2.221	3.100	10.3	20.0
4 1	14 14.37	− 0 50.9	2.163	3.106	7.3	19.9
4 11	14 6.97	− 0 20.5	2.131	3.112	4.6	19.7
4 21	13 58.81	+ 0 4.1	2.128	3.118	3.8	19.7
5 1	13 50.69	+ 0 19.1	2.152	3.123	5.9	19.8
5 11	13 43.38	+ 0 22.0	2.204	3.129	8.8	20.0
5 21	13 37.48	+ 0 11.5	2.280	3.134	11.6	20.2
5 31	13 33.41	− 0 12.2	2.376	3.140	14.0	20.4

99668 2002 JW_4 4 21.7 300°.36 0°.3/21.9 18

3 22	14 22.32	−13 49.0	1.374	2.256	15.2	19.1
4 1	14 16.91	−13 40.8	1.290	2.236	10.9	18.8
4 11	14 8.83	−13 20.4	1.228	2.215	6.0	18.4
4 21	13 58.95	−12 50.7	1.191	2.196	0.6	18.0
5 1	13 48.63	−12 16.9	1.179	2.176	5.2	18.3
5 11	13 39.33	−11 45.8	1.191	2.156	10.7	18.5
5 21	13 32.26	−11 23.9	1.225	2.137	15.6	18.7
5 31	13 28.22	−11 16.0	1.278	2.118	19.9	19.0

19915 Bochkarev 4 21.7 207°.08 0°.5/22.1 18

3 22	14 22.95	−15 44.2	2.050	2.908	11.9	19.2
4 1	14 16.50	−15 10.3	1.968	2.902	8.5	19.0
4 11	14 8.24	−14 24.8	1.911	2.895	4.7	18.7
4 21	13 58.90	−13 30.8	1.882	2.887	0.6	18.4
5 1	13 49.45	−12 33.1	1.883	2.878	3.8	18.6
5 11	13 40.85	−11 37.6	1.911	2.869	7.9	18.9
5 21	13 33.87	−10 49.6	1.966	2.858	11.6	19.1
5 31	13 29.03	−10 13.2	2.042	2.847	14.7	19.2

470226 2006 WO_{100} 4 21.7 133°.23 0°.1/21.7 17

3 22	14 17.76	−14 30.7	2.744	3.603	9.2	21.9
4 1	14 12.40	−13 54.8	2.679	3.614	6.5	21.7
4 11	14 5.87	−13 11.4	2.640	3.625	3.4	21.5
4 21	13 58.75	−12 23.6	2.630	3.635	0.3	21.3
5 1	13 51.66	−11 34.9	2.651	3.645	3.0	21.5
5 11	13 45.23	−10 49.2	2.700	3.655	6.0	21.7
5 21	13 39.95	−10 9.9	2.776	3.665	8.7	21.9
5 31	13 36.18	− 9 39.6	2.876	3.674	11.0	22.1

496867 2000 LM_{22} 4 21.7 320°.62 3°.5/19.2 17

3 22	14 16.52	− 9 6.5	1.068	1.976	16.2	21.0
4 1	14 13.19	− 7 53.1	0.991	1.950	11.5	20.6
4 11	14 6.98	− 6 24.5	0.934	1.925	6.3	20.3
4 21	13 58.84	− 4 50.0	0.900	1.901	3.7	20.0
5 1	13 50.21	− 3 21.8	0.888	1.878	8.4	20.2
5 11	13 42.76	− 2 12.5	0.898	1.855	14.3	20.4
5 21	13 37.77	− 1 30.4	0.926	1.834	19.7	20.6
5 31	13 36.09	− 1 19.0	0.969	1.814	24.3	20.9

164227 2004 RE_{228} 4 21.7 355°.51 3°.0/23.4 17

3 22	14 22.93	−18 54.1	1.214	2.089	17.2	19.9
4 1	14 17.44	−19 8.4	1.149	2.087	12.8	19.7
4 11	14 9.08	−19 4.8	1.104	2.085	7.7	19.4
4 21	13 58.97	−18 44.3	1.083	2.084	3.3	19.1
5 1	13 48.65	−18 11.3	1.086	2.083	5.4	19.2
5 11	13 39.74	−17 33.8	1.112	2.083	10.5	19.5
5 21	13 33.42	−16 59.6	1.160	2.084	15.3	19.8
5 31	13 30.37	−16 35.6	1.226	2.085	19.4	20.0

138434 2000 HF_{83} 4 21.7 335°.60 1°.8/20.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 20.66	− 9 11.5	1.396	2.287	14.3	19.4
4 1	14 15.46	− 8 48.5	1.328	2.279	10.1	19.2
4 11	14 7.90	− 8 18.6	1.282	2.272	5.3	18.9
4 21	13 58.91	− 7 46.7	1.261	2.265	1.8	18.6
5 1	13 49.75	− 7 18.7	1.266	2.258	5.9	18.8
5 11	13 41.73	− 7 0.6	1.295	2.253	10.7	19.1
5 21	13 35.82	− 6 56.3	1.346	2.248	15.2	19.3
5 31	13 32.67	− 7 8.1	1.415	2.243	18.9	19.6

313672 2003 SO_{220} 4 21.7 125°.42 0°.7/21.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 26.13	−10 58.1	1.871	2.738	12.5	21.0
4 1	14 18.63	−10 45.2	1.815	2.755	8.7	20.8
4 11	14 9.29	−10 25.7	1.784	2.771	4.5	20.6
4 21	13 58.99	−10 3.0	1.781	2.786	0.7	20.3
5 1	13 48.80	− 9 41.0	1.808	2.801	4.4	20.6
5 11	13 39.73	− 9 24.0	1.862	2.815	8.4	20.9
5 21	13 32.51	− 9 15.3	1.941	2.828	11.9	21.1
5 31	13 27.61	− 9 17.0	2.042	2.841	14.9	21.3

292939 2006 VS_{79} 4 21.7 100°.77 4°.2/17.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.79	+ 0 57.1	2.375	3.253	9.7	20.9
4 1	14 13.90	+ 1 30.4	2.323	3.262	7.1	20.7
4 11	14 6.70	+ 2 0.4	2.296	3.272	4.8	20.6
4 21	13 58.83	+ 2 22.9	2.298	3.281	4.3	20.6
5 1	13 51.02	+ 2 34.7	2.328	3.291	6.2	20.7
5 11	13 43.99	+ 2 33.5	2.385	3.300	8.8	20.9
5 21	13 38.28	+ 2 18.8	2.467	3.309	11.3	21.1
5 31	13 34.27	+ 1 50.9	2.569	3.318	13.4	21.2

16023 Alisonyee 4 21.7 337°.87 2°.3/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.83	− 8 29.0	1.444	2.335	13.9	18.1
4 1	14 14.78	− 7 52.5	1.377	2.329	9.8	17.9
4 11	14 7.49	− 7 9.5	1.334	2.323	5.2	17.6
4 21	13 58.89	− 6 25.4	1.315	2.318	2.4	17.4
5 1	13 50.16	− 5 47.0	1.322	2.313	6.1	17.6
5 11	13 42.53	− 5 20.4	1.354	2.308	10.8	17.9
5 21	13 36.94	− 5 9.5	1.408	2.304	15.0	18.1
5 31	13 33.96	− 5 16.2	1.480	2.301	18.5	18.3

78890 2003 SV_{39} 4 21.7 295°.61 4°.2/24.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 23.42	−22 0.9	1.428	2.285	16.2	19.7
4 1	14 17.70	−22 21.2	1.347	2.272	12.4	19.5
4 11	14 9.25	−22 22.7	1.287	2.259	8.1	19.2
4 21	13 59.01	−22 5.0	1.251	2.247	4.6	18.9
5 1	13 48.36	−21 30.9	1.240	2.234	5.6	19.0
5 11	13 38.83	−20 47.0	1.254	2.222	9.9	19.2
5 21	13 31.62	−20 1.7	1.291	2.210	14.4	19.4
5 31	13 27.50	−19 22.9	1.347	2.198	18.4	19.6

366821 2005 GG_{59} 4 21.7 170°.98 9°.5/12.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 22.46	− 1 30.9	1.074	1.979	16.4	19.8
4 1	14 16.93	+ 2 23.5	1.029	1.982	12.2	19.6
4 11	14 8.69	+ 6 22.2	1.010	1.984	9.6	19.4
4 21	13 58.96	+10 1.6	1.017	1.986	10.9	19.5
5 1	13 49.33	+13 0.5	1.050	1.987	14.7	19.7
5 11	13 41.30	+15 7.4	1.104	1.987	19.0	20.0
5 21	13 35.87	+16 21.7	1.174	1.987	22.8	20.2
5 31	13 33.56	+16 48.8	1.258	1.986	25.8	20.5

522809 2016 NM_{80} 4 21.7 215°.20 4°.2/16.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 17.41	+ 0 18.8	2.490	3.370	9.3	21.8
4 1	14 12.29	+ 1 18.8	2.425	3.366	6.7	21.7
4 11	14 5.89	+ 2 17.1	2.386	3.361	4.7	21.5
4 21	13 58.79	+ 3 9.0	2.376	3.357	4.4	21.5
5 1	13 51.66	+ 3 49.9	2.394	3.352	6.3	21.6
5 11	13 45.19	+ 4 16.7	2.439	3.347	8.9	21.8
5 21	13 39.90	+ 4 27.8	2.508	3.341	11.4	21.9
5 31	13 36.21	+ 4 23.1	2.597	3.335	13.6	22.1

348912 2006 TV_{8} 4 21.7 172°.27 0°.3/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 18.51	−14 44.6	2.844	3.699	9.0	22.1
4 1	14 12.95	−14 19.6	2.769	3.702	6.4	21.9
4 11	14 6.21	−13 47.4	2.721	3.704	3.5	21.8
4 21	13 58.81	−13 10.3	2.702	3.706	0.4	21.5
5 1	13 51.40	−12 31.4	2.713	3.708	2.9	21.7
5 11	13 44.60	−11 54.3	2.753	3.709	5.8	21.9
5 21	13 38.91	−11 22.1	2.821	3.710	8.6	22.1
5 31	13 34.72	−10 57.5	2.912	3.710	10.9	22.3

267720 2003 CA 4 21.7 267°.89 17°.8/ 5.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 48.04	+20 2.9	1.289	2.116	19.4	22.0
4 1	14 36.83	+23 43.1	1.199	2.068	18.0	21.7
4 11	14 20.49	+27 15.0	1.132	2.015	18.1	21.5
4 21	13 59.82	+30 12.4	1.092	1.957	20.1	21.5
5 1	13 36.83	+32 11.0	1.075	1.894	23.7	21.5
5 11	13 14.35	+32 59.1	1.079	1.826	28.0	21.5
5 21	12 54.97	+32 39.8	1.096	1.752	32.3	21.6
5 31	12 40.30	+31 26.0	1.121	1.672	36.2	21.6

389778 2011 TW_{11} 4 21.7 189°.94 0°.1/21.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 19.84	−12 32.1	2.693	3.553	9.3	21.4
4 1	14 13.96	−12 21.7	2.616	3.553	6.6	21.2
4 11	14 6.77	−12 5.6	2.566	3.551	3.5	21.0
4 21	13 58.85	−11 45.8	2.545	3.550	0.2	20.7
5 1	13 50.87	−11 25.2	2.553	3.548	3.1	21.0
5 11	13 43.52	−11 6.8	2.591	3.546	6.3	21.2
5 21	13 37.35	−10 53.2	2.656	3.543	9.1	21.4
5 31	13 32.77	−10 46.8	2.743	3.540	11.5	21.5

237936 2002 QF_{84} 4 21.7 285°.10 0°.6/22.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.67	−15 20.0	1.965	2.831	12.0	20.9
4 1	14 14.25	−14 59.0	1.890	2.828	8.6	20.6
4 11	14 7.07	−14 27.5	1.840	2.824	4.7	20.4
4 21	13 58.87	−13 48.4	1.816	2.821	0.7	20.1
5 1	13 50.59	−13 5.9	1.821	2.818	3.8	20.3
5 11	13 43.15	−12 25.4	1.853	2.814	7.8	20.5
5 21	13 37.31	−11 51.6	1.909	2.811	11.4	20.8
5 31	13 33.56	−11 28.3	1.988	2.808	14.5	20.9

429284 2010 CR_{143} 4 21.7 146°.18 4°.1/17.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.87	− 0 53.2	2.286	3.164	10.0	21.5
4 1	14 14.01	+ 0 7.0	2.232	3.174	7.2	21.4
4 11	14 6.79	+ 1 5.7	2.204	3.182	4.7	21.2
4 21	13 58.86	+ 1 57.9	2.205	3.190	4.3	21.2
5 1	13 50.98	+ 2 38.8	2.235	3.198	6.4	21.4
5 11	13 43.91	+ 3 5.2	2.292	3.205	9.1	21.5
5 21	13 38.21	+ 3 15.6	2.372	3.212	11.8	21.7
5 31	13 34.27	+ 3 10.0	2.473	3.218	14.0	21.9

130482 2000 QX_{97} 4 21.7 175°.48 2°.0/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 23.59	− 8 28.3	1.969	2.842	11.7	20.7
4 1	14 16.88	− 7 42.0	1.902	2.845	8.1	20.4
4 11	14 8.41	− 6 50.2	1.861	2.848	4.3	20.2
4 21	13 58.97	− 5 57.8	1.848	2.850	2.1	20.1
5 1	13 49.52	− 5 10.1	1.865	2.851	5.1	20.3
5 11	13 41.02	− 4 32.1	1.908	2.851	8.9	20.5
5 21	13 34.19	− 4 7.4	1.977	2.850	12.4	20.7
5 31	13 29.51	− 3 57.6	2.066	2.849	15.3	20.9

286369 2001 XU_{177} 4 21.7 120°.65 5°.9/14.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 18.79	+ 8 38.6	2.719	3.585	9.0	21.6
4 1	14 13.05	+ 9 35.1	2.680	3.601	7.2	21.4
4 11	14 6.20	+10 23.5	2.668	3.616	6.0	21.4
4 21	13 58.82	+10 59.7	2.684	3.631	6.2	21.4
5 1	13 51.54	+11 20.4	2.728	3.646	7.5	21.5
5 11	13 44.98	+11 24.3	2.797	3.660	9.4	21.7
5 21	13 39.58	+11 11.4	2.889	3.674	11.3	21.8
5 31	13 35.69	+10 43.3	3.001	3.687	12.9	22.0

396218 2013 YZ_{125} 4 21.7 97°.17 7°.0/14.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 18.74	+ 8 27.8	2.174	3.049	10.6	20.2
4 1	14 13.27	+ 9 36.8	2.131	3.057	8.5	20.1
4 11	14 6.41	+10 36.5	2.114	3.065	7.1	20.0
4 21	13 58.84	+11 21.2	2.123	3.073	7.4	20.0
5 1	13 51.35	+11 46.6	2.159	3.081	9.1	20.1
5 11	13 44.71	+11 50.7	2.219	3.088	11.3	20.3
5 21	13 39.47	+11 34.1	2.301	3.096	13.5	20.4
5 31	13 36.04	+10 58.7	2.401	3.103	15.4	20.6

508489 2016 PC_{72} 4 21.7 113°.42 4°.2/17.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.01	+ 0 13.0	2.289	3.169	10.0	21.3
4 1	14 13.46	+ 0 53.4	2.230	3.172	7.2	21.2
4 11	14 6.52	+ 1 31.3	2.198	3.175	4.8	21.0
4 21	13 58.85	+ 2 2.2	2.193	3.178	4.4	21.0
5 1	13 51.20	+ 2 22.1	2.217	3.181	6.3	21.1
5 11	13 44.31	+ 2 28.4	2.267	3.184	9.0	21.3
5 21	13 38.75	+ 2 20.2	2.341	3.187	11.7	21.5
5 31	13 34.94	+ 1 57.6	2.436	3.189	14.0	21.6

462829 2010 SR_{32} 4 21.7 96°.83 4°.1/18.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 20.92	− 4 50.4	1.561	2.451	13.1	21.5
4 1	14 15.22	− 3 37.4	1.510	2.460	9.2	21.3
4 11	14 7.58	− 2 21.8	1.484	2.469	5.5	21.1
4 21	13 58.92	− 1 11.3	1.484	2.478	4.3	21.0
5 1	13 50.36	− 0 13.4	1.510	2.487	7.3	21.2
5 11	13 42.96	+ 0 26.3	1.562	2.496	11.2	21.4
5 21	13 37.48	+ 0 45.2	1.635	2.504	14.7	21.7
5 31	13 34.39	+ 0 43.2	1.728	2.513	17.7	21.9

317117 2001 TD_{242} 4 21.7 197°.83 0°.1/21.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.22	−13 58.8	2.378	3.241	10.3	21.3
4 1	14 13.67	−13 37.1	2.303	3.239	7.3	21.1
4 11	14 6.68	−13 7.6	2.253	3.238	3.9	20.9
4 21	13 58.87	−12 32.8	2.231	3.236	0.3	20.6
5 1	13 51.01	−11 56.3	2.238	3.234	3.3	20.8
5 11	13 43.85	−11 22.3	2.274	3.231	6.8	21.0
5 21	13 38.01	−10 54.4	2.336	3.229	10.0	21.2
5 31	13 33.93	−10 35.5	2.420	3.226	12.6	21.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
406455 2007 TD_{433}			4 21.7 114°.92		1°.4/20.6 18	
	h m	° ′			°	m
3 22	14 23.24	−11 3.8	1.683	2.559	13.1	21.7
4 1	14 16.74	−10 16.2	1.630	2.575	9.1	21.5
4 11	14 8.34	− 9 20.5	1.602	2.590	4.7	21.3
4 21	13 58.98	− 8 22.0	1.601	2.605	1.4	21.1
5 1	13 49.75	− 7 27.2	1.628	2.619	5.0	21.4
5 11	13 41.70	− 6 42.0	1.682	2.633	9.2	21.6
5 21	13 35.57	− 6 10.5	1.759	2.647	13.0	21.9
5 31	13 31.80	− 5 54.9	1.857	2.659	16.0	22.1
309729 2008 JU_{23}			4 21.7 104°.00		3°.9/18.8 18	
3 22	14 23.49	− 2 43.3	1.783	2.665	12.2	20.6
4 1	14 16.79	− 2 5.5	1.735	2.680	8.6	20.4
4 11	14 8.33	− 1 28.6	1.711	2.694	5.2	20.2
4 21	13 58.98	− 0 57.7	1.715	2.708	4.0	20.2
5 1	13 49.76	− 0 37.7	1.747	2.723	6.6	20.4
5 11	13 41.65	− 0 31.8	1.804	2.736	10.0	20.6
5 21	13 35.36	− 0 41.2	1.885	2.750	13.3	20.8
5 31	13 31.30	− 1 5.6	1.986	2.763	16.0	21.1
2595 Gudiachvili			4 21.7 131°.69		4°.1/17.5 18	R
3 22	14 19.31	− 1 48.9	2.172	3.054	10.4	17.1
4 1	14 13.68	− 0 42.4	2.120	3.064	7.4	16.9
4 11	14 6.63	+ 0 23.5	2.094	3.074	4.8	16.8
4 21	13 58.87	+ 1 23.1	2.096	3.083	4.3	16.7
5 1	13 51.17	+ 2 11.2	2.127	3.092	6.5	16.9
5 11	13 44.31	+ 2 44.1	2.184	3.101	9.3	17.1
5 21	13 38.86	+ 3 0.2	2.265	3.109	12.1	17.3
5 31	13 35.23	+ 2 59.4	2.366	3.117	14.4	17.5
506060 2015 LF_{39}			4 21.7 344°.38		10°.1/10.4 18	
3 22	14 19.76	+20 12.3	2.237	3.077	11.7	20.6
4 1	14 14.03	+21 19.5	2.198	3.076	10.5	20.5
4 11	14 6.83	+22 9.1	2.183	3.075	10.1	20.5
4 21	13 58.88	+22 35.3	2.192	3.074	10.7	20.5
5 1	13 51.00	+22 35.0	2.224	3.073	11.9	20.6
5 11	13 44.00	+22 7.8	2.278	3.072	13.5	20.7
5 21	13 38.48	+21 16.1	2.351	3.071	15.2	20.8
5 31	13 34.82	+20 3.5	2.440	3.071	16.7	21.0
506388 2017 RL_{12}			4 21.7 269°.06		6°.0/25.2 17	
3 22	14 27.27	−26 22.2	1.735	2.558	15.3	22.0
4 1	14 20.39	−27 4.2	1.634	2.534	12.2	21.7
4 11	14 10.76	−27 28.1	1.555	2.509	8.9	21.5
4 21	13 59.16	−27 31.1	1.502	2.484	6.3	21.2
5 1	13 46.89	−27 13.0	1.475	2.458	6.6	21.2
5 11	13 35.43	−26 38.2	1.475	2.432	9.7	21.3
5 21	13 26.04	−25 54.0	1.498	2.406	13.6	21.5
5 31	13 19.62	−25 8.8	1.543	2.378	17.2	21.6
504577 2008 TY_{95}			4 21.7 263°.40		4°.9/25.3 17	
3 22	14 23.49	−25 49.5	1.945	2.769	13.8	21.6
4 1	14 17.23	−26 17.8	1.859	2.761	10.9	21.4
4 11	14 8.81	−26 29.0	1.796	2.752	7.7	21.2
4 21	13 59.03	−26 22.1	1.759	2.743	5.3	21.1
5 1	13 48.96	−25 58.6	1.749	2.734	5.5	21.0
5 11	13 39.77	−25 23.2	1.766	2.725	8.2	21.2
5 21	13 32.39	−24 42.1	1.807	2.716	11.5	21.4
5 31	13 27.47	−24 1.8	1.871	2.707	14.6	21.5
172140 2002 JP_{78}			4 21.7 300°.96		0°.3/21.5 17	
3 22	14 19.42	−15 3.1	1.392	2.274	14.9	20.0
4 1	14 14.67	−14 8.6	1.317	2.263	10.7	19.7
4 11	14 7.53	−12 57.3	1.264	2.252	5.7	19.4
4 21	13 58.94	−11 34.7	1.236	2.241	0.4	19.0
5 1	13 50.15	−10 9.4	1.234	2.230	5.2	19.3
5 11	13 42.49	− 8 51.3	1.257	2.220	10.5	19.6
5 21	13 36.95	− 7 48.3	1.302	2.210	15.2	19.8
5 31	13 34.16	− 7 5.7	1.366	2.200	19.2	20.1
22257 1978 VJ_{10}			4 21.7 232°.65		1°.7/20.1 18	
3 22	14 21.05	− 8 24.9	2.299	3.170	10.3	20.0
4 1	14 15.05	− 7 49.2	2.214	3.157	7.2	19.7
4 11	14 7.46	− 7 8.6	2.156	3.143	3.8	19.5
4 21	13 58.94	− 6 26.9	2.126	3.128	1.8	19.3
5 1	13 50.28	− 5 48.3	2.126	3.113	4.5	19.5
5 11	13 42.30	− 5 17.1	2.154	3.098	8.0	19.7
5 21	13 35.67	− 4 56.5	2.208	3.081	11.2	19.9
5 31	13 30.90	− 4 48.4	2.283	3.065	14.0	20.0
1529 Oterma			4 21.7 169°.59		2°.3/18.1 18	
3 22	14 14.35	− 2 7.0	3.899	4.772	6.4	16.9
4 1	14 9.80	− 1 33.1	3.834	4.774	4.5	16.8
4 11	14 4.48	− 0 59.7	3.797	4.777	2.8	16.6
4 21	13 58.75	− 0 29.3	3.790	4.779	2.4	16.6
5 1	13 53.02	− 0 4.1	3.813	4.781	3.7	16.7
5 11	13 47.70	+ 0 14.0	3.865	4.783	5.6	16.8
5 21	13 43.11	+ 0 23.7	3.943	4.785	7.4	17.0
5 31	13 39.55	+ 0 24.5	4.044	4.786	9.0	17.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
498657 2008 SN_{112}			4 21.7 187°.65		2°.2/19.6 17	
	h m	° ′			°	m
3 22	14 19.48	− 7 55.2	2.117	2.994	10.8	21.7
4 1	14 13.94	− 7 5.3	2.049	2.994	7.5	21.5
4 11	14 6.85	− 6 10.8	2.006	2.994	4.0	21.3
4 21	13 58.91	− 5 16.2	1.992	2.993	2.2	21.1
5 1	13 50.94	− 4 26.7	2.007	2.991	5.0	21.3
5 11	13 43.77	− 3 47.1	2.048	2.990	8.5	21.5
5 21	13 38.06	− 3 20.5	2.115	2.988	11.7	21.7
5 31	13 34.24	− 3 8.5	2.202	2.986	14.4	21.9
129494 1995 BB_{15}			4 21.7 273°.84		5°.2/17.6 17	
3 22	14 21.29	− 3 1.2	1.505	2.397	13.4	19.7
4 1	14 15.87	− 1 43.5	1.428	2.378	9.7	19.4
4 11	14 8.16	− 0 21.9	1.376	2.359	6.2	19.1
4 21	13 59.01	+ 0 55.0	1.349	2.339	5.5	19.0
5 1	13 49.60	+ 1 58.2	1.348	2.319	8.6	19.2
5 11	13 41.16	+ 2 40.6	1.371	2.299	12.8	19.3
5 21	13 34.69	+ 2 58.6	1.415	2.279	16.9	19.5
5 31	13 30.84	+ 2 51.6	1.477	2.259	20.3	19.7
352017 2006 VR_{13}			4 21.7 181°.27		2°.7/24.4 17	
3 22	14 20.17	−22 14.6	2.534	3.365	10.8	21.6
4 1	14 14.36	−22 16.1	2.454	3.366	8.1	21.5
4 11	14 7.07	−22 5.4	2.399	3.366	5.3	21.3
4 21	13 58.94	−21 43.5	2.371	3.366	2.9	21.1
5 1	13 50.72	−21 12.7	2.373	3.366	3.5	21.2
5 11	13 43.20	−20 36.9	2.403	3.365	6.2	21.3
5 21	13 37.01	−20 0.4	2.460	3.364	9.1	21.5
5 31	13 32.59	−19 27.4	2.540	3.363	11.6	21.7
466518 2014 QD_{214}			4 21.7 151°.98		0°.1/21.8 16	
3 22	14 23.43	−14 51.3	1.784	2.650	13.0	22.2
4 1	14 16.93	−14 14.2	1.720	2.658	9.2	22.0
4 11	14 8.50	−13 25.4	1.680	2.665	4.9	21.8
4 21	13 59.03	−12 29.0	1.667	2.672	0.4	21.4
5 1	13 49.58	−11 30.8	1.682	2.678	4.2	21.7
5 11	13 41.21	−10 37.3	1.725	2.683	8.5	22.0
5 21	13 34.70	− 9 53.7	1.793	2.688	12.3	22.3
5 31	13 30.53	− 9 23.7	1.881	2.692	15.5	22.5
214173 2005 CW_{53}			4 21.7 93°.23		1°.2/20.8 18	
3 22	14 23.37	−11 30.7	1.513	2.393	14.1	20.6
4 1	14 17.00	−10 48.9	1.463	2.409	9.8	20.4
4 11	14 8.55	− 9 58.1	1.436	2.424	5.1	20.1
4 21	13 59.03	− 9 3.8	1.436	2.440	1.2	19.9
5 1	13 49.67	− 8 12.6	1.463	2.456	5.2	20.2
5 11	13 41.60	− 7 31.0	1.515	2.471	9.7	20.5
5 21	13 35.63	− 7 3.3	1.591	2.486	13.7	20.8
5 31	13 32.21	− 6 51.7	1.686	2.500	16.9	21.0
497012 2003 BE_{83}			4 21.7 50°.53		8°.5/27.5 17	
3 22	14 26.67	−31 43.4	1.468	2.280	18.2	20.5
4 1	14 19.87	−32 44.4	1.415	2.297	14.9	20.3
4 11	14 10.31	−33 18.4	1.381	2.316	11.6	20.1
4 21	13 59.16	−33 22.6	1.370	2.334	9.1	20.0
5 1	13 47.99	−32 58.4	1.384	2.353	8.7	20.1
5 11	13 38.35	−32 12.8	1.421	2.373	10.6	20.2
5 21	13 31.33	−31 15.3	1.481	2.392	13.5	20.4
5 31	13 27.52	−30 16.0	1.561	2.412	16.3	20.7
478273 2011 VY_{4}			4 21.7 211°.95		3°.3/25.5 18	
3 22	14 18.06	−25 53.1	2.634	3.451	10.8	21.1
4 1	14 12.86	−25 34.3	2.547	3.448	8.4	20.9
4 11	14 6.27	−25 0.5	2.486	3.444	5.8	20.7
4 21	13 58.90	−24 13.1	2.452	3.440	3.6	20.6
5 1	13 51.46	−23 14.8	2.447	3.436	3.7	20.6
5 11	13 44.70	−22 10.5	2.470	3.432	6.0	20.7
5 21	13 39.21	−21 5.2	2.520	3.428	8.7	20.9
5 31	13 35.41	−20 4.1	2.594	3.423	11.2	21.0
120090 2003 EB_{35}			4 21.7 0°.17		2°.0/23.1 18	
3 22	14 17.66	−18 39.2	1.290	2.170	16.1	18.8
4 1	14 13.52	−18 19.9	1.225	2.167	11.8	18.5
4 11	14 6.95	−17 41.8	1.182	2.166	6.9	18.3
4 21	13 58.94	−16 48.3	1.162	2.165	2.3	18.0
5 1	13 50.83	−15 46.1	1.167	2.166	4.8	18.1
5 11	13 43.97	−14 44.2	1.196	2.168	9.8	18.4
5 21	13 39.35	−13 50.9	1.246	2.170	14.4	18.7
5 31	13 37.55	−13 12.1	1.315	2.174	18.3	18.9
474788 2005 QE_{151}			4 21.7 231°.77		2°.0/23.7 17	
3 22	14 20.05	−19 55.4	2.696	3.534	10.0	21.8
4 1	14 14.24	−19 55.4	2.606	3.524	7.4	21.7
4 11	14 7.02	−19 45.3	2.541	3.514	4.6	21.5
4 21	13 58.95	−19 25.9	2.505	3.504	2.2	21.3
5 1	13 50.74	−18 59.7	2.499	3.494	3.1	21.3
5 11	13 43.13	−18 29.9	2.522	3.483	6.0	21.5
5 21	13 36.72	−18 0.4	2.571	3.472	8.9	21.7
5 31	13 31.97	−17 34.9	2.644	3.460	11.4	21.8

216605 2002 TJ_8 4 21.7 270°.48 0°.7/21.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 20.98	−13 10.0	1.687	2.562	13.1	20.8
4 1	14 15.55	−12 23.2	1.599	2.543	9.3	20.6
4 11	14 7.97	−11 23.9	1.536	2.523	4.9	20.3
4 21	13 59.02	−10 16.6	1.499	2.503	0.7	19.9
5 1	13 49.80	− 9 7.8	1.489	2.483	4.9	20.2
5 11	13 41.45	− 8 5.3	1.506	2.463	9.7	20.4
5 21	13 34.92	− 7 15.3	1.546	2.442	14.0	20.6
5 31	13 30.85	− 6 42.2	1.607	2.421	17.6	20.8

219616 2001 TM_{119} 4 21.7 126°.20 6°.4/27.7 17

3 22	14 23.86	−32 24.1	1.989	2.780	14.8	20.3
4 1	14 17.34	−32 34.1	1.918	2.791	12.1	20.2
4 11	14 8.78	−32 21.0	1.869	2.801	9.3	20.0
4 21	13 59.07	−31 44.3	1.845	2.811	7.0	19.9
5 1	13 49.35	−30 46.7	1.848	2.821	6.6	19.9
5 11	13 40.73	−29 34.3	1.877	2.830	8.3	20.0
5 21	13 34.06	−28 15.3	1.931	2.839	11.0	20.2
5 31	13 29.85	−26 57.7	2.009	2.847	13.7	20.4

1876 Napolitania 4 21.7 29°.30 22°.0/10.8 18

3 22	14 33.35	−55 17.5	1.193	1.876	28.1	18.1
4 1	14 27.45	−57 42.0	1.137	1.878	26.5	17.9
4 11	14 15.71	−59 21.0	1.091	1.881	24.9	17.8
4 21	13 59.57	−60 0.7	1.058	1.884	23.4	17.7
5 1	13 42.31	−59 32.9	1.038	1.887	22.4	17.6
5 11	13 27.87	−58 1.3	1.033	1.890	22.0	17.6
5 21	13 18.91	−55 40.3	1.042	1.894	22.4	17.7
5 31	13 16.36	−52 49.8	1.067	1.899	23.5	17.7

460602 2014 UM_{49} 4 21.7 234°.48 1°.7/23.0 17

3 22	14 22.92	−18 24.9	1.720	2.578	13.8	21.8
4 1	14 16.87	−18 8.3	1.639	2.570	10.1	21.6
4 11	14 8.63	−17 36.6	1.581	2.562	5.9	21.3
4 21	13 59.07	−16 52.1	1.550	2.553	2.0	21.0
5 1	13 49.31	−15 59.4	1.546	2.543	4.2	21.2
5 11	13 40.52	−15 5.3	1.569	2.533	8.6	21.4
5 21	13 33.65	−14 16.5	1.616	2.523	12.8	21.6
5 31	13 29.30	−13 38.4	1.685	2.513	16.3	21.8

2597 Arthur 4 21.7 175°.34 0°.4/21.2 18

3 22	14 18.82	−12 19.7	2.603	3.466	9.5	17.4
4 1	14 13.28	−11 48.5	2.530	3.468	6.6	17.2
4 11	14 6.45	−11 10.9	2.483	3.470	3.5	17.0
4 21	13 58.92	−10 29.8	2.466	3.471	0.5	16.8
5 1	13 51.37	− 9 48.8	2.479	3.472	3.3	17.0
5 11	13 44.48	− 9 11.9	2.520	3.472	6.5	17.2
5 21	13 38.79	− 8 42.1	2.587	3.472	9.4	17.4
5 31	13 34.70	− 8 21.9	2.677	3.472	11.9	17.6

284464 2007 GE_{42} 4 21.7 55°.78 0°.5/22.0 18

3 22	14 22.09	−15 12.2	1.488	2.363	14.6	20.9
4 1	14 16.09	−14 45.3	1.444	2.386	10.3	20.7
4 11	14 8.05	−14 6.0	1.424	2.410	5.5	20.5
4 21	13 59.02	−13 19.0	1.429	2.434	0.7	20.2
5 1	13 50.22	−12 30.2	1.461	2.458	4.4	20.6
5 11	13 42.75	−11 46.6	1.519	2.483	8.9	20.9
5 21	13 37.38	−11 13.1	1.600	2.507	12.9	21.2
5 31	13 34.52	−10 53.1	1.701	2.532	16.1	21.4

123418 2000 WT_{103} 4 21.7 73°.73 0°.1/21.8 18

3 22	14 19.35	−15 52.7	1.749	2.619	13.0	19.5
4 1	14 14.04	−14 56.4	1.692	2.633	9.2	19.3
4 11	14 6.95	−13 47.3	1.660	2.646	4.9	19.0
4 21	13 58.96	−12 30.5	1.655	2.659	0.4	18.7
5 1	13 51.07	−11 12.9	1.677	2.673	4.1	19.0
5 11	13 44.25	−10 1.9	1.726	2.686	8.3	19.3
5 21	13 39.18	− 9 2.9	1.800	2.700	12.1	19.6
5 31	13 36.30	− 8 19.8	1.895	2.713	15.2	19.8

367199 2007 BM_{17} 4 21.7 119°.99 0°.5/21.3 18

3 22	14 21.78	−13 1.5	1.848	2.719	12.4	21.3
4 1	14 15.68	−12 23.6	1.789	2.730	8.7	21.1
4 11	14 7.82	−11 36.5	1.754	2.741	4.6	20.9
4 21	13 59.02	−10 44.4	1.747	2.751	0.5	20.6
5 1	13 50.29	− 9 52.8	1.768	2.762	4.3	20.9
5 11	13 42.58	− 9 7.4	1.816	2.772	8.3	21.2
5 21	13 36.61	− 8 32.5	1.888	2.781	11.9	21.4
5 31	13 32.83	− 8 11.1	1.982	2.790	15.0	21.6

109197 2001 QN_{76} 4 21.7 211°.54 1°.2/22.8 18

3 22	14 22.96	−17 5.3	2.225	3.075	11.4	19.7
4 1	14 16.49	−16 54.2	2.140	3.068	8.3	19.5
4 11	14 8.30	−16 32.4	2.081	3.061	4.7	19.2
4 21	13 59.07	−16 1.8	2.049	3.052	1.4	19.0
5 1	13 49.69	−15 25.6	2.047	3.043	3.5	19.1
5 11	13 41.08	−14 48.5	2.074	3.034	7.2	19.3
5 21	13 33.97	−14 15.0	2.127	3.024	10.6	19.5
5 31	13 28.88	−13 49.0	2.202	3.013	13.6	19.7

502807 2015 DB_{112} 4 21.7 37°.93 3°.0/19.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 22.61	− 5 7.0	1.535	2.423	13.5	20.6
4 1	14 16.48	− 4 51.1	1.484	2.433	9.4	20.4
4 11	14 8.31	− 4 34.2	1.457	2.444	5.2	20.2
4 21	13 59.06	− 4 20.8	1.456	2.456	3.1	20.1
5 1	13 49.90	− 4 15.5	1.481	2.468	6.2	20.3
5 11	13 41.95	− 4 21.6	1.532	2.480	10.2	20.6
5 21	13 36.01	− 4 40.8	1.605	2.493	14.0	20.8
5 31	13 32.55	− 5 13.3	1.698	2.506	17.1	21.0

356733 2011 UQ_{193} 4 21.7 217°.59 0°.3/22.1 16

3 22	14 18.26	−15 5.0	2.773	3.629	9.2	22.5
4 1	14 12.90	−14 37.8	2.688	3.621	6.6	22.3
4 11	14 6.28	−14 2.8	2.630	3.613	3.6	22.1
4 21	13 58.93	−13 22.1	2.600	3.605	0.5	21.9
5 1	13 51.51	−12 39.2	2.601	3.596	2.9	22.1
5 11	13 44.67	−11 57.8	2.630	3.587	6.0	22.2
5 21	13 38.94	−11 21.4	2.687	3.577	8.9	22.4
5 31	13 34.74	−10 52.9	2.766	3.568	11.4	22.6

387817 2004 FK_{22} 4 21.7 22°.99 7°.1/27.7 15

3 22	14 18.00	−30 29.0	1.374	2.208	18.0	19.9
4 1	14 13.67	−30 40.9	1.325	2.226	14.5	19.8
4 11	14 6.95	−30 24.0	1.295	2.245	10.8	19.6
4 21	13 58.97	−29 39.0	1.288	2.265	7.8	19.5
5 1	13 51.10	−28 30.9	1.303	2.287	7.3	19.5
5 11	13 44.66	−27 9.1	1.343	2.310	9.5	19.7
5 21	13 40.52	−25 44.0	1.406	2.334	12.8	19.9
5 31	13 39.15	−24 24.9	1.489	2.359	15.9	20.2

522613 2016 FC_{65} 4 21.7 167°.88 0°.6/22.3 17

3 22	14 21.29	−16 17.9	1.812	2.676	12.9	21.8
4 1	14 15.49	−15 43.7	1.742	2.678	9.3	21.6
4 11	14 7.81	−14 56.7	1.696	2.680	5.1	21.3
4 21	13 59.05	−14 0.4	1.677	2.681	0.9	21.0
5 1	13 50.26	−13 0.4	1.686	2.683	4.0	21.2
5 11	13 42.46	−12 3.3	1.722	2.683	8.3	21.5
5 21	13 36.42	−11 14.8	1.783	2.684	12.1	21.7
5 31	13 32.66	−10 39.0	1.865	2.684	15.3	21.9

230957 2004 XW_{120} 4 21.7 133°.67 3°.4/18.6 18

3 22	14 20.19	− 3 56.4	2.036	2.917	10.9	20.0
4 1	14 14.45	− 3 7.9	1.977	2.923	7.7	19.8
4 11	14 7.14	− 2 18.5	1.945	2.929	4.6	19.6
4 21	13 59.01	− 1 33.3	1.940	2.934	3.5	19.5
5 1	13 50.90	− 0 57.1	1.963	2.940	6.0	19.7
5 11	13 43.67	− 0 33.8	2.013	2.945	9.2	19.9
5 21	13 37.96	− 0 25.5	2.087	2.949	12.3	20.1
5 31	13 34.19	− 0 32.6	2.181	2.954	14.9	20.3

414095 2007 TF_{222} 4 21.7 154°.19 1°.2/20.7 14 C

3 22	14 22.59	−11 52.7	1.750	2.624	12.8	22.3
4 1	14 16.37	−11 0.6	1.687	2.630	9.0	22.0
4 11	14 8.24	− 9 59.2	1.649	2.637	4.7	21.8
4 21	13 59.08	− 8 53.5	1.638	2.642	1.2	21.6
5 1	13 49.95	− 7 50.2	1.655	2.647	4.9	21.8
5 11	13 41.89	− 6 55.7	1.700	2.652	9.1	22.1
5 21	13 35.66	− 6 14.8	1.768	2.655	12.9	22.3
5 31	13 31.74	− 5 50.2	1.857	2.659	16.0	22.5

382881 2004 LV_{11} 4 21.7 253°.49 8°.5/12.3 18

3 22	14 22.37	+13 27.4	2.260	3.116	11.0	20.7
4 1	14 16.05	+14 44.7	2.189	3.093	9.4	20.6
4 11	14 8.07	+15 51.2	2.143	3.069	8.5	20.5
4 21	13 59.08	+16 40.0	2.124	3.045	9.1	20.5
5 1	13 49.93	+17 5.9	2.131	3.020	10.7	20.5
5 11	13 41.49	+17 6.4	2.161	2.994	12.9	20.6
5 21	13 34.48	+16 42.0	2.213	2.967	15.1	20.7
5 31	13 29.41	+15 55.1	2.281	2.939	17.1	20.8

6720 Gifu 4 21.7 138°.07 2°.2/19.6 18

3 22	14 21.00	− 5 0.4	2.568	3.439	9.3	17.5
4 1	14 14.76	− 4 42.3	2.506	3.447	6.5	17.4
4 11	14 7.22	− 4 23.5	2.471	3.456	3.6	17.2
4 21	13 59.01	− 4 6.9	2.465	3.464	2.2	17.1
5 1	13 50.83	− 3 55.3	2.490	3.472	4.4	17.3
5 11	13 43.36	− 3 51.3	2.542	3.479	7.3	17.5
5 21	13 37.15	− 3 56.5	2.621	3.486	10.0	17.6
5 31	13 32.58	− 4 11.4	2.721	3.493	12.3	17.8

503750 2016 MJ_2 4 21.7 229°.50 2°.0/23.8 18

3 22	14 19.89	−21 13.0	2.248	3.090	11.6	21.9
4 1	14 14.35	−20 37.8	2.159	3.080	8.6	21.7
4 11	14 7.16	−19 47.5	2.095	3.069	5.3	21.5
4 21	13 59.01	−18 44.4	2.058	3.058	2.3	21.3
5 1	13 50.75	−17 32.8	2.051	3.047	3.5	21.3
5 11	13 43.24	−16 18.9	2.072	3.035	6.9	21.5
5 21	13 37.18	−15 8.6	2.120	3.023	10.3	21.7
5 31	13 33.06	−14 7.3	2.190	3.011	13.3	21.9

496146 2010 SO_{10} 4 21.7 229°.76 5°.1/25.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 25.92	−27 21.3	2.053	2.864	13.7	22.5
4 1	14 18.96	−27 38.1	1.958	2.850	10.9	22.3
4 11	14 9.79	−27 36.5	1.886	2.836	7.9	22.1
4 21	13 59.20	−27 15.3	1.840	2.821	5.4	21.9
5 1	13 48.27	−26 36.1	1.822	2.805	5.6	21.9
5 11	13 38.18	−25 44.0	1.832	2.789	8.2	22.0
5 21	13 29.89	−24 45.7	1.867	2.771	11.5	22.2
5 31	13 24.07	−23 48.7	1.925	2.753	14.6	22.3

381463 2008 RH_{114} 4 21.7 143°.92 1°.2/20.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.41	−11 1.7	2.011	2.886	11.4	21.7
4 1	14 13.97	−10 14.0	1.945	2.890	7.9	21.5
4 11	14 6.92	− 9 18.9	1.905	2.893	4.1	21.3
4 21	13 58.99	− 8 20.9	1.893	2.896	1.2	21.1
5 1	13 51.07	− 7 25.4	1.909	2.900	4.5	21.3
5 11	13 44.01	− 6 37.9	1.952	2.902	8.2	21.5
5 21	13 38.48	− 6 2.2	2.020	2.905	11.6	21.8
5 31	13 34.93	− 5 40.8	2.109	2.908	14.5	22.0

126907 2002 EQ_{115} 4 21.7 187°.79 1°.1/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.94	−10 11.2	1.944	2.818	11.8	19.7
4 1	14 15.84	− 9 52.0	1.875	2.818	8.2	19.5
4 11	14 7.96	− 9 26.9	1.830	2.817	4.3	19.2
4 21	13 59.07	− 8 59.3	1.813	2.817	1.1	19.0
5 1	13 50.12	− 8 33.4	1.824	2.816	4.4	19.2
5 11	13 42.06	− 8 13.5	1.862	2.815	8.4	19.5
5 21	13 35.64	− 8 2.9	1.925	2.814	11.9	19.7
5 31	13 31.35	− 8 3.7	2.009	2.813	14.9	19.9

523595 2002 OS_4 4 21.7 198°.29 12°.9/ 4.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 39.91	−51 42.5	2.164	2.793	18.1	23.1
4 1	14 29.65	−52 34.6	2.070	2.789	16.6	23.0
4 11	14 15.78	−52 54.3	1.993	2.783	15.0	22.9
4 21	13 59.61	−52 34.3	1.935	2.775	13.7	22.7
5 1	13 43.07	−51 31.7	1.900	2.766	12.9	22.7
5 11	13 28.22	−49 50.5	1.889	2.755	13.1	22.6
5 21	13 16.55	−47 41.1	1.902	2.742	14.2	22.7
5 31	13 8.84	−45 16.6	1.937	2.727	15.9	22.8

59449 1999 GH_{33} 4 21.7 277°.14 1°.2/20.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 18.79	−13 1.6	1.832	2.708	12.3	18.7
4 1	14 13.86	−11 46.2	1.742	2.687	8.6	18.4
4 11	14 7.03	−10 17.2	1.677	2.665	4.5	18.1
4 21	13 59.02	− 8 40.0	1.640	2.644	1.2	17.9
5 1	13 50.79	− 7 2.7	1.631	2.622	5.0	18.1
5 11	13 43.36	− 5 33.6	1.649	2.600	9.4	18.3
5 21	13 37.55	− 4 19.6	1.692	2.578	13.4	18.5
5 31	13 33.95	− 3 25.0	1.754	2.555	16.9	18.7

413405 2004 TC_{53} 4 21.7 281°.44 0°.5/22.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 22.16	−16 13.1	1.473	2.346	14.8	21.3
4 1	14 16.81	−15 32.0	1.378	2.319	10.8	21.0
4 11	14 8.86	−14 32.9	1.306	2.291	6.0	20.6
4 21	13 59.15	−13 19.4	1.258	2.263	0.8	20.2
5 1	13 48.94	−11 58.3	1.238	2.235	5.1	20.4
5 11	13 39.64	−10 39.2	1.243	2.206	10.5	20.7
5 21	13 32.43	− 9 31.2	1.270	2.177	15.6	20.9
5 31	13 28.11	− 8 41.0	1.317	2.147	19.9	21.1

470500 2008 CF_{61} 4 21.7 121°.15 2°.4/23.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 20.54	−20 45.1	2.464	3.302	10.9	21.8
4 1	14 14.62	−20 49.2	2.391	3.308	8.1	21.7
4 11	14 7.24	−20 42.0	2.344	3.315	5.1	21.5
4 21	13 59.03	−20 24.5	2.324	3.321	2.6	21.3
5 1	13 50.77	−19 59.1	2.333	3.327	3.4	21.4
5 11	13 43.26	−19 29.8	2.371	3.333	6.3	21.6
5 21	13 37.10	−19 0.5	2.435	3.339	9.2	21.8
5 31	13 32.75	−18 35.1	2.523	3.345	11.7	21.9

6024 Ochanomizu 4 21.7 172°.76 1°.0/21.0 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 25.37	−10 9.2	1.715	2.588	13.1	16.9
4 1	14 18.44	− 9 58.1	1.647	2.590	9.2	16.7
4 11	14 9.41	− 9 40.8	1.604	2.591	4.8	16.4
4 21	13 59.18	− 9 20.6	1.588	2.593	1.0	16.1
5 1	13 48.88	− 9 1.8	1.601	2.594	4.8	16.4
5 11	13 39.65	− 8 48.9	1.640	2.594	9.2	16.7
5 21	13 32.36	− 8 45.3	1.703	2.594	13.1	16.9
5 31	13 27.57	− 8 53.3	1.787	2.594	16.4	17.1

98357 2000 SS_{336} 4 21.7 342°.06 0°.5/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 23.86	−12 48.3	1.219	2.106	16.3	18.4
4 1	14 18.14	−13 2.6	1.152	2.100	11.7	18.1
4 11	14 9.56	−13 7.1	1.106	2.094	6.4	17.8
4 21	13 59.21	−13 4.0	1.084	2.089	0.7	17.4
5 1	13 48.58	−12 57.4	1.087	2.085	5.3	17.7
5 11	13 39.29	−12 53.0	1.114	2.081	10.9	18.0
5 21	13 32.52	−12 55.8	1.161	2.078	15.8	18.3
5 31	13 28.99	−13 9.6	1.227	2.076	20.0	18.5

281662 2008 VX_{15} 4 21.7 174°.73 1°.5/20.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 20.76	− 8 49.9	2.210	3.083	10.6	21.3
4 1	14 14.82	− 8 19.2	2.142	3.085	7.4	21.1
4 11	14 7.36	− 7 44.0	2.099	3.086	3.9	20.9
4 21	13 59.05	− 7 7.9	2.084	3.087	1.6	20.7
5 1	13 50.72	− 6 34.9	2.099	3.088	4.4	20.9
5 11	13 43.17	− 6 9.2	2.141	3.088	7.8	21.2
5 21	13 37.05	− 5 53.6	2.209	3.088	11.0	21.4
5 31	13 32.81	− 5 49.7	2.298	3.088	13.7	21.5

11757 Salpeter 4 21.7 242°.81 4°.3/15.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 16.69	+ 0 18.6	2.775	3.653	8.5	20.6
4 1	14 11.79	+ 1 58.0	2.699	3.638	6.2	20.4
4 11	14 5.71	+ 3 37.7	2.652	3.623	4.6	20.3
4 21	13 58.94	+ 5 12.1	2.634	3.607	4.7	20.3
5 1	13 52.09	+ 6 35.4	2.646	3.591	6.5	20.4
5 11	13 45.78	+ 7 43.5	2.687	3.574	8.9	20.5
5 21	13 40.50	+ 8 33.7	2.751	3.557	11.2	20.6
5 31	13 36.67	+ 9 5.4	2.836	3.539	13.2	20.8

139205 2001 FA_{175} 4 21.7 303°.17 4°.9/18.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.67	− 2 37.4	1.425	2.319	13.9	19.4
4 1	14 16.23	− 1 49.8	1.354	2.305	10.0	19.1
4 11	14 8.41	− 1 1.4	1.307	2.291	6.2	18.9
4 21	13 59.13	− 0 19.3	1.284	2.277	5.1	18.8
5 1	13 49.64	+ 0 9.2	1.286	2.264	8.2	18.9
5 11	13 41.21	+ 0 18.8	1.313	2.251	12.5	19.1
5 21	13 34.87	+ 0 7.2	1.360	2.238	16.6	19.3
5 31	13 31.24	− 0 25.4	1.425	2.225	20.1	19.5

258831 2002 OB_{31} 4 21.7 287°.27 3°.0/19.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 23.02	− 6 34.5	1.547	2.433	13.5	20.9
4 1	14 17.23	− 5 58.9	1.458	2.407	9.6	20.6
4 11	14 9.02	− 5 18.1	1.393	2.381	5.4	20.2
4 21	13 59.19	− 4 37.3	1.354	2.354	3.1	20.0
5 1	13 48.92	− 4 3.0	1.341	2.328	6.7	20.2
5 11	13 39.52	− 3 41.4	1.354	2.301	11.4	20.4
5 21	13 32.07	− 3 36.6	1.389	2.274	15.8	20.6
5 31	13 27.33	− 3 50.4	1.442	2.247	19.7	20.7

126714 2002 CU_{244} 4 21.7 136°.34 2°.5/19.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.29	− 8 6.0	1.961	2.841	11.3	19.7
4 1	14 13.89	− 6 59.8	1.900	2.847	7.9	19.5
4 11	14 6.89	− 5 48.2	1.865	2.852	4.3	19.3
4 21	13 59.04	− 4 37.0	1.858	2.858	2.6	19.2
5 1	13 51.21	− 3 32.4	1.879	2.863	5.4	19.4
5 11	13 44.29	− 2 39.9	1.927	2.867	9.0	19.6
5 21	13 38.91	− 2 3.1	1.999	2.872	12.3	19.8
5 31	13 35.51	− 1 43.4	2.092	2.876	15.1	20.0

329350 2001 SF_6 4 21.7 86°.85 0°.4/22.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.80	−15 21.3	1.665	2.535	13.6	20.8
4 1	14 15.88	−14 50.2	1.608	2.547	9.6	20.6
4 11	14 8.02	−14 7.0	1.574	2.559	5.2	20.4
4 21	13 59.11	−13 15.7	1.567	2.572	0.6	20.0
5 1	13 50.28	−12 22.2	1.587	2.583	4.2	20.3
5 11	13 42.59	−11 32.9	1.634	2.595	8.6	20.6
5 21	13 36.81	−10 53.2	1.704	2.607	12.5	20.9
5 31	13 33.41	−10 26.8	1.795	2.619	15.7	21.1

286460 2002 AJ_{111} 4 21.7 88°.25 3°.6/19.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 24.26	− 5 56.0	1.419	2.307	14.3	20.7
4 1	14 17.65	− 4 59.1	1.378	2.327	10.0	20.5
4 11	14 8.93	− 3 59.5	1.360	2.346	5.6	20.3
4 21	13 59.17	− 3 4.1	1.367	2.365	3.7	20.2
5 1	13 49.66	− 2 20.2	1.402	2.384	7.0	20.4
5 11	13 41.55	− 1 53.0	1.461	2.403	11.2	20.7
5 21	13 35.62	− 1 44.6	1.542	2.421	14.9	21.0
5 31	13 32.32	− 1 55.1	1.642	2.439	18.0	21.2

339447 2005 EN_{179} 4 21.7 156°.65 0°.2/21.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.66	−14 35.9	2.164	3.028	11.1	21.3
4 1	14 14.11	−14 6.1	2.093	3.031	7.9	21.1
4 11	14 7.01	−13 27.0	2.048	3.033	4.2	20.8
4 21	13 59.05	−12 41.8	2.031	3.036	0.4	20.5
5 1	13 51.07	−11 54.9	2.042	3.038	3.6	20.8
5 11	13 43.89	−11 11.0	2.082	3.040	7.3	21.0
5 21	13 38.17	−10 34.6	2.146	3.042	10.6	21.2
5 31	13 34.35	−10 8.7	2.233	3.043	13.4	21.4

222655 2001 XW_{186} 4 21.7 210°.70 1°.3/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.86	−18 36.3	2.515	3.357	10.5	21.6
4 1	14 15.59	−18 11.4	2.425	3.348	7.7	21.4
4 11	14 7.80	−17 35.1	2.361	3.339	4.5	21.2
4 21	13 59.12	−16 49.4	2.327	3.329	1.5	20.9
5 1	13 50.32	−15 57.9	2.322	3.318	3.2	21.0
5 11	13 42.20	−15 5.1	2.347	3.306	6.5	21.2
5 21	13 35.40	−14 15.8	2.398	3.293	9.6	21.4
5 31	13 30.40	−13 34.1	2.474	3.280	12.4	21.6

145457 2005 SE_5 4 21.7 273°.31 1°.2/20.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 18.42	−10 12.7	2.287	3.160	10.3	20.5
4 1	14 13.27	− 9 39.2	2.203	3.146	7.2	20.2
4 11	14 6.60	− 8 59.6	2.145	3.132	3.8	20.0
4 21	13 59.04	− 8 17.4	2.115	3.119	1.2	19.8
5 1	13 51.35	− 7 36.9	2.114	3.105	4.1	20.0
5 11	13 44.31	− 7 2.4	2.140	3.090	7.6	20.1
5 21	13 38.58	− 6 37.4	2.192	3.076	10.9	20.3
5 31	13 34.64	− 6 24.2	2.265	3.062	13.7	20.5

299907 2006 SX_{382} 4 21.7 276°.89 3°.0/18.5 17

3 22	14 17.13	− 5 46.0	2.148	3.032	10.4	20.9
4 1	14 12.32	− 4 38.6	2.082	3.030	7.2	20.7
4 11	14 6.06	− 3 27.7	2.042	3.028	4.2	20.5
4 21	13 59.00	− 2 19.0	2.030	3.026	3.2	20.5
5 1	13 51.92	− 1 18.0	2.046	3.024	5.6	20.6
5 11	13 45.60	− 0 29.8	2.090	3.022	8.9	20.8
5 21	13 40.63	+ 0 2.8	2.157	3.020	11.9	21.0
5 31	13 37.44	+ 0 18.4	2.245	3.018	14.5	21.2

286354 2001 XK_{130} 4 21.7 156°.11 2°.2/23.5 18

3 22	14 22.54	−20 33.1	1.501	2.361	15.4	20.7
4 1	14 16.74	−19 57.5	1.433	2.363	11.3	20.4
4 11	14 8.62	−19 2.0	1.387	2.366	6.8	20.2
4 21	13 59.19	−17 50.0	1.366	2.368	2.6	19.9
5 1	13 49.71	−16 28.3	1.373	2.370	4.5	20.1
5 11	13 41.47	−15 6.4	1.405	2.372	9.1	20.3
5 21	13 35.40	−13 52.7	1.460	2.373	13.5	20.6
5 31	13 32.04	−12 53.8	1.537	2.375	17.2	20.8

316405 2010 TG_{75} 4 21.7 309°.03 3°.7/23.9 17

3 22	14 23.50	−20 43.8	1.422	2.283	16.0	20.4
4 1	14 17.79	−21 5.2	1.344	2.272	12.1	20.2
4 11	14 9.39	−21 9.3	1.287	2.263	7.8	19.9
4 21	13 59.26	−20 56.0	1.255	2.253	4.1	19.6
5 1	13 48.76	−20 28.3	1.248	2.243	5.3	19.7
5 11	13 39.41	−19 52.5	1.266	2.234	9.8	19.9
5 21	13 32.34	−19 16.2	1.306	2.226	14.3	20.1
5 31	13 28.33	−18 46.6	1.366	2.217	18.2	20.3

180768 2004 PK_{54} 4 21.7 318°.35 0°.7/21.1 18

3 22	14 16.85	−12 28.8	2.045	2.920	11.2	19.7
4 1	14 12.30	−11 47.8	1.964	2.908	7.9	19.4
4 11	14 6.14	−10 57.9	1.909	2.897	4.1	19.2
4 21	13 59.02	−10 3.0	1.881	2.885	0.7	18.9
5 1	13 51.79	− 9 8.2	1.881	2.874	4.1	19.1
5 11	13 45.29	− 8 19.1	1.907	2.863	8.0	19.3
5 21	13 40.22	− 7 40.2	1.959	2.853	11.5	19.5
5 31	13 37.06	− 7 14.4	2.031	2.843	14.5	19.7

30462 2000 OM_{10} 4 21.7 275°.44 5°.5/16.0 18

3 22	14 18.09	+ 2 44.2	2.151	3.034	10.4	18.1
4 1	14 13.03	+ 3 50.7	2.084	3.024	7.8	18.0
4 11	14 6.47	+ 4 53.8	2.044	3.014	5.8	17.8
4 21	13 59.05	+ 5 47.4	2.030	3.003	5.8	17.8
5 1	13 51.56	+ 6 26.3	2.044	2.993	7.8	17.9
5 11	13 44.80	+ 6 47.0	2.083	2.983	10.6	18.0
5 21	13 39.41	+ 6 48.3	2.145	2.973	13.2	18.2
5 31	13 35.84	+ 6 30.6	2.226	2.963	15.6	18.3

319128 2005 XR_{116} 4 21.7 274°.27 7°.4/15.5 18

3 22	14 21.48	+ 6 6.3	1.806	2.687	12.1	20.4
4 1	14 15.69	+ 7 10.8	1.738	2.672	9.5	20.2
4 11	14 7.99	+ 8 8.0	1.696	2.657	7.6	20.0
4 21	13 59.17	+ 8 50.8	1.679	2.643	7.7	20.0
5 1	13 50.21	+ 9 13.1	1.687	2.628	9.9	20.1
5 11	13 42.15	+ 9 11.7	1.720	2.613	12.8	20.2
5 21	13 35.78	+ 8 46.5	1.774	2.597	15.8	20.4
5 31	13 31.65	+ 7 59.5	1.846	2.582	18.4	20.5

65013 2002 AO_{86} 4 21.7 42°.85 2°.1/19.7 18

3 22	14 17.42	− 8 7.3	2.025	2.907	11.0	19.0
4 1	14 12.54	− 7 17.3	1.968	2.916	7.6	18.8
4 11	14 6.18	− 6 22.9	1.937	2.925	4.1	18.6
4 21	13 59.04	− 5 29.0	1.934	2.935	2.2	18.5
5 1	13 51.94	− 4 40.8	1.958	2.944	4.9	18.7
5 11	13 45.69	− 4 2.8	2.009	2.954	8.4	18.9
5 21	13 40.89	− 3 38.2	2.084	2.964	11.6	19.2
5 31	13 37.95	− 3 28.2	2.180	2.974	14.2	19.4

277650 2006 BJ_{130} 4 21.7 51°.75 1°.5/20.5 18 R

3 22	14 19.65	−10 45.6	1.628	2.512	13.1	20.6
4 1	14 14.37	− 9 57.9	1.576	2.524	9.1	20.4
4 11	14 7.22	− 9 2.3	1.548	2.537	4.7	20.2
4 21	13 59.11	− 8 4.4	1.546	2.549	1.5	20.0
5 1	13 51.08	− 7 10.6	1.570	2.562	5.1	20.2
5 11	13 44.17	− 6 27.0	1.621	2.575	9.3	20.5
5 21	13 39.08	− 5 57.7	1.695	2.589	13.0	20.8
5 31	13 36.27	− 5 44.7	1.789	2.602	16.1	21.0

43305 2000 GH_{142} 4 21.7 235°.30 5°.9/16.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 23.41	+ 4 11.3	2.125	2.998	10.9	18.7
4 1	14 16.83	+ 5 2.0	2.051	2.984	8.3	18.5
4 11	14 8.53	+ 5 47.6	2.003	2.969	6.2	18.4
4 21	13 59.21	+ 6 22.5	1.982	2.953	6.1	18.3
5 1	13 49.76	+ 6 41.9	1.989	2.937	8.1	18.4
5 11	13 41.09	+ 6 42.7	2.023	2.920	11.0	18.5
5 21	13 33.93	+ 6 24.3	2.080	2.903	13.8	18.7
5 31	13 28.79	+ 5 48.0	2.156	2.884	16.3	18.8

25256 Imbrie–Moore 4 21.7 293°.92 1°.5/22.7 18

3 22	14 21.69	−17 8.4	1.527	2.397	14.6	18.5
4 1	14 16.36	−16 57.4	1.441	2.379	10.7	18.2
4 11	14 8.59	−16 31.4	1.377	2.360	6.2	17.9
4 21	13 59.23	−15 52.6	1.338	2.342	1.8	17.6
5 1	13 49.49	−15 5.6	1.325	2.323	4.6	17.7
5 11	13 40.71	−14 17.6	1.338	2.305	9.6	18.0
5 21	13 33.97	−13 35.6	1.374	2.287	14.2	18.2
5 31	13 29.99	−13 5.6	1.429	2.269	18.2	18.4

59950 1999 RA_{220} 4 21.7 289°.54 0°.6/21.2 18

3 22	14 20.64	−10 31.9	2.278	3.147	10.5	17.9
4 1	14 14.81	−10 27.0	2.201	3.142	7.3	17.7
4 11	14 7.42	−10 17.2	2.150	3.137	3.9	17.5
4 21	13 59.14	−10 4.9	2.128	3.132	0.6	17.2
5 1	13 50.76	− 9 53.1	2.134	3.128	3.7	17.5
5 11	13 43.09	− 9 45.0	2.169	3.123	7.3	17.7
5 21	13 36.79	− 9 43.3	2.229	3.119	10.5	17.9
5 31	13 32.35	− 9 50.0	2.311	3.114	13.2	18.1

219632 2001 UC_{11} 4 21.7 120°.39 0°.8/20.9 17

3 22	14 21.50	−12 14.2	2.080	2.948	11.4	21.0
4 1	14 15.32	−11 25.5	2.024	2.965	7.9	20.9
4 11	14 7.62	−10 29.0	1.995	2.982	4.1	20.6
4 21	13 59.15	− 9 29.2	1.993	2.998	0.8	20.4
5 1	13 50.78	− 8 31.4	2.021	3.013	4.1	20.7
5 11	13 43.36	− 7 40.8	2.077	3.028	7.8	20.9
5 21	13 37.50	− 7 1.3	2.158	3.043	11.0	21.2
5 31	13 33.60	− 6 35.2	2.261	3.056	13.7	21.4

508181 2015 FF_{296} 4 21.7 270°.79 4°.8/16.8 17

3 22	14 18.56	+ 0 49.3	2.224	3.106	10.1	20.9
4 1	14 13.37	+ 1 48.3	2.149	3.091	7.5	20.8
4 11	14 6.67	+ 2 45.6	2.100	3.075	5.2	20.6
4 21	13 59.09	+ 3 35.8	2.079	3.059	5.0	20.5
5 1	13 51.40	+ 4 13.7	2.086	3.044	7.1	20.6
5 11	13 44.38	+ 4 35.6	2.118	3.028	10.0	20.8
5 21	13 38.68	+ 4 39.9	2.174	3.012	12.8	20.9
5 31	13 34.78	+ 4 26.6	2.250	2.996	15.2	21.1

343316 2010 BU_{68} 4 21.7 178°.94 2°.5/19.1 17

3 22	14 18.46	− 6 31.4	2.270	3.149	10.1	21.2
4 1	14 13.20	− 5 36.4	2.204	3.149	7.0	21.0
4 11	14 6.52	− 4 38.1	2.164	3.150	3.9	20.8
4 21	13 59.08	− 3 41.0	2.152	3.150	2.6	20.7
5 1	13 51.62	− 2 50.2	2.169	3.150	5.1	20.9
5 11	13 44.91	− 2 10.0	2.214	3.150	8.2	21.1
5 21	13 39.52	− 1 43.2	2.283	3.150	11.2	21.3
5 31	13 35.87	− 1 31.1	2.374	3.149	13.7	21.5

286184 2001 UK_{51} 4 21.7 164°.84 0°.9/20.5 18

3 22	14 17.42	−11 31.2	2.772	3.637	8.9	21.4
4 1	14 12.26	−10 35.0	2.702	3.642	6.2	21.2
4 11	14 5.95	− 9 32.6	2.659	3.646	3.2	21.1
4 21	13 59.04	− 8 27.7	2.646	3.650	1.0	20.9
5 1	13 52.14	− 7 24.6	2.663	3.653	3.5	21.1
5 11	13 45.85	− 6 27.6	2.710	3.656	6.4	21.3
5 21	13 40.67	− 5 39.9	2.783	3.658	9.1	21.4
5 31	13 36.96	− 5 3.9	2.879	3.660	11.4	21.6

70572 1999 TA_{157} 4 21.7 120°.10 2°.5/23.5 18

3 22	14 24.41	−19 36.5	1.616	2.472	14.7	19.6
4 1	14 17.95	−19 36.0	1.550	2.478	10.8	19.4
4 11	14 9.25	−19 19.7	1.508	2.485	6.6	19.2
4 21	13 59.27	−18 49.3	1.491	2.491	2.8	18.9
5 1	13 49.25	−18 9.1	1.501	2.498	4.4	19.1
5 11	13 40.41	−17 25.6	1.538	2.504	8.6	19.3
5 21	13 33.66	−16 45.3	1.599	2.509	12.6	19.6
5 31	13 29.56	−16 13.8	1.680	2.515	16.1	19.8

402967 2007 UG_{18} 4 21.7 151°.97 3°.0/19.2 18

3 22	14 23.85	− 5 32.1	1.956	2.831	11.6	22.2
4 1	14 17.06	− 4 40.8	1.898	2.842	8.1	22.0
4 11	14 8.59	− 3 47.1	1.866	2.851	4.6	21.8
4 21	13 59.22	− 2 56.0	1.863	2.860	3.1	21.7
5 1	13 49.93	− 2 13.2	1.888	2.868	5.8	21.9
5 11	13 41.62	− 1 42.9	1.941	2.875	9.3	22.2
5 21	13 34.99	− 1 27.6	2.018	2.881	12.6	22.4
5 31	13 30.49	− 1 28.2	2.115	2.887	15.3	22.6

268426 2005 UZ_{493} 4 21.7 95°.97 2°.0/23.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 25.68	−17 36.9	1.821	2.675	13.4	20.8
4 1	14 18.58	−17 52.8	1.761	2.689	9.7	20.6
4 11	14 9.48	−17 57.0	1.724	2.703	5.7	20.4
4 21	13 59.29	−17 50.5	1.715	2.717	2.2	20.2
5 1	13 49.11	−17 36.2	1.734	2.730	4.0	20.3
5 11	13 40.03	−17 18.8	1.780	2.743	7.9	20.6
5 21	13 32.87	−17 2.8	1.852	2.756	11.5	20.8
5 31	13 28.14	−16 52.6	1.945	2.769	14.6	21.1

461905 2006 PL_{22} 4 21.7 242°.59 4°.2/24.9 17

3 22	14 23.66	−24 14.6	1.743	2.580	14.6	21.6
4 1	14 17.56	−24 17.6	1.657	2.570	11.3	21.3
4 11	14 9.14	−24 1.4	1.594	2.560	7.6	21.1
4 21	13 59.28	−23 26.1	1.557	2.549	4.6	20.9
5 1	13 49.14	−22 34.9	1.546	2.538	5.1	20.9
5 11	13 39.98	−21 34.4	1.562	2.527	8.6	21.1
5 21	13 32.80	−20 32.3	1.602	2.515	12.5	21.3
5 31	13 28.25	−19 36.2	1.664	2.503	16.0	21.5

497390 2005 VX_{59} 4 21.7 174°.79 1°.2/20.6 17

3 22	14 21.66	−10 16.5	2.211	3.080	10.7	23.0
4 1	14 15.48	− 9 39.2	2.141	3.082	7.5	22.8
4 11	14 7.75	− 8 55.9	2.098	3.085	3.9	22.6
4 21	13 59.17	− 8 10.3	2.083	3.086	1.2	22.4
5 1	13 50.57	− 7 26.9	2.097	3.087	4.2	22.6
5 11	13 42.78	− 6 50.3	2.140	3.088	7.8	22.9
5 21	13 36.44	− 6 23.8	2.208	3.087	11.0	23.1
5 31	13 32.00	− 6 9.6	2.297	3.087	13.7	23.2

61592 2000 QT_{86} 4 21.7 291°.36 0°.4/21.9 17

3 22	14 20.54	−16 4.2	1.370	2.250	15.3	19.3
4 1	14 15.63	−15 19.3	1.292	2.236	11.0	19.0
4 11	14 8.21	−14 16.5	1.236	2.222	6.1	18.7
4 21	13 59.21	−13 0.6	1.204	2.209	0.7	18.2
5 1	13 49.95	−11 39.5	1.198	2.196	5.1	18.5
5 11	13 41.81	−10 23.0	1.217	2.182	10.5	18.8
5 21	13 35.86	− 9 19.8	1.258	2.169	15.3	19.0
5 31	13 32.78	− 8 35.6	1.318	2.157	19.5	19.3

124256 2001 QG_{8} 4 21.7 252°.60 1°.3/22.6 17

3 22	14 24.13	−17 8.3	1.554	2.420	14.6	20.6
4 1	14 18.04	−16 46.5	1.468	2.404	10.7	20.3
4 11	14 9.47	−16 8.9	1.405	2.388	6.1	20.0
4 21	13 59.31	−15 18.0	1.368	2.372	1.5	19.7
5 1	13 48.79	−14 19.3	1.357	2.355	4.6	19.8
5 11	13 39.28	−13 20.6	1.373	2.337	9.6	20.1
5 21	13 31.86	−12 29.2	1.412	2.319	14.3	20.3
5 31	13 27.24	−11 51.3	1.471	2.300	18.2	20.5

186897 2004 KG_{8} 4 21.7 280°.95 1°.8/20.4 18

3 22	14 22.68	− 8 43.5	1.757	2.635	12.5	20.2
4 1	14 16.77	− 8 18.8	1.667	2.612	8.9	19.9
4 11	14 8.71	− 7 48.1	1.601	2.589	4.8	19.6
4 21	13 59.26	− 7 15.4	1.563	2.566	1.8	19.3
5 1	13 49.45	− 6 45.6	1.552	2.542	5.4	19.5
5 11	13 40.44	− 6 24.1	1.567	2.518	9.8	19.7
5 21	13 33.17	− 6 14.8	1.606	2.494	13.9	19.9
5 31	13 28.32	− 6 20.1	1.665	2.470	17.5	20.1

124695 2001 SR_{136} 4 21.7 34°.54 0°.6/20.7 18

3 22	14 11.57	−10 44.6	4.324	5.189	6.0	19.7
4 1	14 7.91	−10 9.4	4.249	5.189	4.1	19.6
4 11	14 3.58	− 9 31.0	4.202	5.189	2.1	19.4
4 21	13 58.89	− 8 51.4	4.185	5.189	0.6	19.3
5 1	13 54.18	− 8 12.7	4.199	5.189	2.3	19.4
5 11	13 49.82	− 7 37.2	4.242	5.189	4.3	19.6
5 21	13 46.09	− 7 6.8	4.312	5.189	6.1	19.7
5 31	13 43.25	− 6 42.8	4.407	5.189	7.7	19.8

506672 2006 SL_{333} 4 21.7 186°.20 0°.6/21.1 17

3 22	14 18.88	−11 23.6	2.895	3.757	8.7	23.2
4 1	14 13.29	−10 56.3	2.818	3.756	6.1	23.0
4 11	14 6.52	−10 23.9	2.769	3.755	3.2	22.8
4 21	13 59.10	− 9 48.9	2.750	3.754	0.6	22.6
5 1	13 51.65	− 9 14.4	2.760	3.752	3.1	22.8
5 11	13 44.77	− 8 43.7	2.800	3.750	6.1	23.0
5 21	13 38.97	− 8 19.4	2.866	3.747	8.7	23.2
5 31	13 34.63	− 8 3.7	2.956	3.744	11.0	23.3

141262 2001 YT_{25} 4 21.7 228°.31 2°.3/19.5 17

3 22	14 19.77	− 5 29.4	2.483	3.357	9.5	20.7
4 1	14 14.08	− 5 1.2	2.407	3.350	6.7	20.5
4 11	14 7.01	− 4 31.2	2.357	3.343	3.7	20.3
4 21	13 59.14	− 4 2.8	2.336	3.335	2.4	20.2
5 1	13 51.20	− 3 39.6	2.345	3.327	4.6	20.4
5 11	13 43.90	− 3 24.8	2.381	3.318	7.7	20.5
5 21	13 37.84	− 3 20.4	2.442	3.309	10.5	20.7
5 31	13 33.44	− 3 27.6	2.526	3.301	13.0	20.9

223643 2004 LX_{29} 4 21.7 321°.96 7°.5/28.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 21.19	−33 3.2	1.677	2.480	16.6	19.9
4 1	14 15.97	−33 14.2	1.597	2.475	13.8	19.7
4 11	14 8.35	−32 58.1	1.537	2.471	10.7	19.5
4 21	13 59.25	−32 13.4	1.499	2.466	8.2	19.3
5 1	13 49.96	−31 2.6	1.487	2.462	7.6	19.3
5 11	13 41.82	−29 33.1	1.499	2.458	9.5	19.4
5 21	13 35.82	−27 55.0	1.536	2.454	12.6	19.5
5 31	13 32.60	−26 18.6	1.594	2.451	15.8	19.7

58510 1996 XH_{2} 4 21.8 242°.79 4°.0/25.6 18

3 22	14 20.77	−26 42.6	2.064	2.886	13.3	19.5
4 1	14 15.22	−26 17.8	1.973	2.875	10.4	19.3
4 11	14 7.80	−25 32.6	1.904	2.863	7.1	19.1
4 21	13 59.24	−24 28.2	1.862	2.851	4.4	18.9
5 1	13 50.53	−23 8.6	1.848	2.839	4.6	18.9
5 11	13 42.67	−21 40.5	1.862	2.827	7.5	19.0
5 21	13 36.46	−20 11.8	1.902	2.814	10.9	19.2
5 31	13 32.46	−18 49.8	1.965	2.801	14.1	19.4

165331 2000 UX_{106} 4 21.8 180°.46 4°.2/18.5 18

3 22	14 23.41	− 3 23.6	1.687	2.571	12.7	20.5
4 1	14 17.07	− 2 27.9	1.626	2.572	9.0	20.3
4 11	14 8.74	− 1 31.1	1.590	2.573	5.5	20.1
4 21	13 59.31	− 0 39.5	1.580	2.573	4.4	20.0
5 1	13 49.86	+ 0 0.4	1.598	2.573	7.2	20.2
5 11	13 41.47	+ 0 23.8	1.641	2.572	10.9	20.4
5 21	13 34.95	+ 0 28.7	1.707	2.571	14.5	20.6
5 31	13 30.81	+ 0 14.9	1.792	2.569	17.5	20.8

510381 2011 UW_{49} 4 21.8 218°.91 0°.6/22.4 17

3 22	14 17.41	−16 50.4	2.632	3.486	9.7	22.0
4 1	14 12.41	−16 9.4	2.549	3.481	7.0	21.9
4 11	14 6.13	−15 18.4	2.493	3.475	3.9	21.6
4 21	13 59.12	−14 20.2	2.465	3.469	0.8	21.4
5 1	13 52.06	−13 18.8	2.466	3.463	3.0	21.6
5 11	13 45.62	−12 19.0	2.497	3.456	6.2	21.8
5 21	13 40.34	−11 24.9	2.554	3.449	9.1	21.9
5 31	13 36.64	−10 40.1	2.635	3.442	11.7	22.1

74653 1999 RJ_{85} 4 21.8 286°.94 0°.1/21.8 18

3 22	14 23.04	−13 48.2	1.507	2.383	14.4	19.5
4 1	14 17.42	−13 30.6	1.416	2.359	10.4	19.2
4 11	14 9.25	−13 0.8	1.348	2.335	5.7	18.8
4 21	13 59.36	−12 21.7	1.305	2.310	0.4	18.4
5 1	13 48.99	−11 38.6	1.289	2.285	5.0	18.7
5 11	13 39.52	−10 58.6	1.297	2.260	10.2	18.9
5 21	13 32.09	−10 28.0	1.329	2.235	15.0	19.1
5 31	13 27.50	−10 11.8	1.380	2.210	19.2	19.3

421400 2013 VD_{14} 4 21.8 282°.20 2°.7/25.8 18

3 22	14 16.09	−26 3.1	4.307	5.107	7.3	20.2
4 1	14 11.18	−26 19.1	4.215	5.101	5.7	20.1
4 11	14 5.39	−26 26.8	4.149	5.096	4.1	20.0
4 21	13 59.08	−26 26.3	4.112	5.091	2.9	19.9
5 1	13 52.68	−26 18.6	4.104	5.085	2.9	19.9
5 11	13 46.63	−26 5.5	4.126	5.080	4.2	20.0
5 21	13 41.31	−25 49.0	4.176	5.074	5.8	20.1
5 31	13 37.04	−25 31.6	4.251	5.069	7.4	20.2

379336 2009 WY_{77} 4 21.8 213°.08 2°.1/23.5 17

3 22	14 21.73	−19 42.0	1.942	2.792	12.8	21.3
4 1	14 15.88	−19 30.8	1.864	2.790	9.5	21.1
4 11	14 8.13	−19 5.4	1.810	2.787	5.7	20.9
4 21	13 59.28	−18 27.7	1.783	2.783	2.4	20.6
5 1	13 50.30	−17 41.6	1.783	2.780	3.9	20.7
5 11	13 42.22	−16 52.8	1.812	2.776	7.7	21.0
5 21	13 35.82	−16 7.1	1.865	2.772	11.3	21.2
5 31	13 31.66	−15 29.5	1.940	2.768	14.5	21.4

509805 2008 UM_{360} 4 21.8 310°.57 1°.7/23.1 17

3 22	14 17.80	−20 0.7	1.539	2.406	14.7	20.5
4 1	14 13.70	−19 10.8	1.438	2.374	10.9	20.1
4 11	14 7.26	−17 58.1	1.360	2.341	6.5	19.8
4 21	13 59.23	−16 25.4	1.306	2.309	2.0	19.4
5 1	13 50.75	−14 39.8	1.278	2.277	4.6	19.5
5 11	13 43.11	−12 51.6	1.277	2.245	9.7	19.7
5 21	13 37.38	−11 11.5	1.298	2.214	14.6	19.9
5 31	13 34.33	− 9 48.4	1.340	2.183	18.9	20.1

317871 2003 UD_{52} 4 21.8 174°.93 3°.6/24.9 16

3 22	14 23.86	−24 36.6	1.969	2.797	13.5	21.7
4 1	14 17.35	−24 20.2	1.891	2.800	10.4	21.5
4 11	14 8.90	−23 45.2	1.838	2.802	6.9	21.3
4 21	13 59.33	−22 52.9	1.811	2.804	3.9	21.1
5 1	13 49.71	−21 47.6	1.812	2.805	4.4	21.1
5 11	13 41.08	−20 35.8	1.842	2.805	7.6	21.3
5 21	13 34.25	−19 24.8	1.897	2.805	11.1	21.5
5 31	13 29.75	−18 21.2	1.974	2.804	14.2	21.7

471411 2011 SN_{259} 4 21.8 225°.57 2°.1/24.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 17.82	−23 7.2	2.772	3.600	10.1	22.3
4 1	14 12.70	−22 27.0	2.680	3.592	7.6	22.2
4 11	14 6.29	−21 33.1	2.614	3.583	4.8	22.0
4 21	13 59.15	−20 27.4	2.576	3.573	2.4	21.8
5 1	13 51.95	−19 13.7	2.569	3.563	3.0	21.8
5 11	13 45.37	−17 56.9	2.590	3.553	5.8	22.0
5 21	13 39.95	−16 42.2	2.640	3.543	8.6	22.1
5 31	13 36.10	−15 34.2	2.713	3.532	11.1	22.3

191796 2004 TQ_{178} 4 21.8 280°.54 0°.4/21.4 18

3 22	14 20.40	−13 18.7	1.802	2.675	12.5	21.1
4 1	14 15.12	−12 42.6	1.713	2.656	8.9	20.8
4 11	14 7.83	−11 55.3	1.650	2.637	4.8	20.5
4 21	13 59.27	−11 0.7	1.612	2.617	0.5	20.1
5 1	13 50.45	−10 4.4	1.603	2.598	4.5	20.4
5 11	13 42.45	− 9 12.9	1.620	2.578	9.0	20.6
5 21	13 36.12	− 8 31.7	1.661	2.558	13.0	20.8
5 31	13 32.10	− 8 4.9	1.722	2.538	16.5	21.0

332681 2009 DL_{120} 4 21.8 79°.27 0°.6/21.3 18

3 22	14 23.39	−13 6.8	1.399	2.280	15.0	21.4
4 1	14 17.24	−12 27.5	1.350	2.295	10.5	21.1
4 11	14 8.87	−11 36.7	1.323	2.311	5.5	20.9
4 21	13 59.33	−10 40.1	1.321	2.326	0.6	20.6
5 1	13 49.94	− 9 44.7	1.346	2.341	5.1	20.9
5 11	13 41.93	− 8 57.9	1.396	2.357	9.9	21.2
5 21	13 36.14	− 8 24.9	1.469	2.372	14.1	21.5
5 31	13 33.04	− 8 8.5	1.561	2.387	17.6	21.8

364175 2006 KV_{49} 4 21.8 292°.62 0°.7/21.2 17

3 22	14 21.41	−13 4.6	1.425	2.308	14.6	21.8
4 1	14 16.35	−12 24.8	1.335	2.282	10.5	21.5
4 11	14 8.71	−11 30.7	1.268	2.256	5.6	21.1
4 21	13 59.35	−10 27.0	1.225	2.230	0.7	20.7
5 1	13 49.50	− 9 20.8	1.209	2.204	5.5	21.0
5 11	13 40.59	− 8 21.0	1.217	2.178	11.0	21.2
5 21	13 33.77	− 7 35.0	1.247	2.152	15.9	21.4
5 31	13 29.83	− 7 7.9	1.295	2.126	20.2	21.6

359830 2011 UE_{318} 4 21.8 239°.16 1°.3/20.8 16

3 22	14 24.97	−10 43.6	1.706	2.580	13.1	22.3
4 1	14 18.42	−10 11.9	1.622	2.565	9.3	22.0
4 11	14 9.62	− 9 31.4	1.562	2.550	4.9	21.7
4 21	13 59.41	− 8 46.4	1.530	2.534	1.3	21.4
5 1	13 48.91	− 8 2.5	1.525	2.517	5.2	21.6
5 11	13 39.34	− 7 25.8	1.547	2.499	9.8	21.9
5 21	13 31.66	− 7 1.1	1.592	2.481	14.0	22.1
5 31	13 26.52	− 6 51.6	1.658	2.462	17.6	22.3

417977 2007 TM_{173} 4 21.8 221°.29 0°.2/21.9 14 C

3 22	14 23.96	−14 31.7	1.787	2.653	13.0	22.6
4 1	14 17.58	−14 4.0	1.707	2.644	9.3	22.4
4 11	14 9.11	−13 24.6	1.650	2.635	5.1	22.1
4 21	13 59.37	−12 37.0	1.621	2.626	0.4	21.7
5 1	13 49.44	−11 46.3	1.620	2.615	4.3	22.0
5 11	13 40.45	−10 58.8	1.646	2.605	8.8	22.3
5 21	13 33.28	−10 19.9	1.696	2.593	12.9	22.5
5 31	13 28.54	− 9 54.0	1.768	2.581	16.3	22.7

210947 2001 TE_{256} 4 21.8 161°.27 4°.7/16.6 18

3 22	14 18.56	+ 2 4.0	2.471	3.349	9.4	20.1
4 1	14 13.16	+ 3 1.3	2.415	3.353	7.0	20.0
4 11	14 6.50	+ 3 55.3	2.385	3.356	5.0	19.8
4 21	13 59.17	+ 4 41.1	2.383	3.359	4.9	19.8
5 1	13 51.86	+ 5 14.5	2.410	3.362	6.7	19.9
5 11	13 45.25	+ 5 33.0	2.463	3.364	9.1	20.1
5 21	13 39.86	+ 5 35.4	2.540	3.366	11.5	20.3
5 31	13 36.08	+ 5 22.1	2.637	3.368	13.5	20.4

416160 2002 RE_{195} 4 21.8 234°.10 2°.9/19.1 17

3 22	14 21.58	− 6 48.8	1.907	2.787	11.7	21.7
4 1	14 15.75	− 5 47.4	1.829	2.775	8.2	21.5
4 11	14 8.07	− 4 40.6	1.776	2.762	4.6	21.3
4 21	13 59.30	− 3 33.9	1.751	2.749	3.0	21.1
5 1	13 50.37	− 2 33.9	1.754	2.735	6.0	21.3
5 11	13 42.27	− 1 46.4	1.784	2.721	9.8	21.5
5 21	13 35.79	− 1 15.2	1.837	2.706	13.4	21.7
5 31	13 31.46	− 1 2.2	1.911	2.690	16.4	21.8

465882 2010 TC_{139} 4 21.8 22°.47 2°.5/23.6 17

3 22	14 20.59	−20 31.7	1.424	2.290	15.7	21.1
4 1	14 15.50	−20 7.2	1.359	2.292	11.6	20.9
4 11	14 8.07	−19 22.8	1.316	2.295	7.0	20.6
4 21	13 59.29	−18 21.7	1.297	2.298	2.9	20.4
5 1	13 50.46	−17 10.4	1.303	2.301	4.6	20.5
5 11	13 42.87	−15 57.8	1.335	2.305	9.2	20.8
5 21	13 37.45	−14 52.5	1.390	2.309	13.6	21.0
5 31	13 34.77	−14 0.8	1.464	2.313	17.3	21.3

351488 2005 QK_{103} 4 21.8 154°.57 1°.1/23.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 18.35	−17 54.5	2.880	3.725	9.2	22.0
4 1	14 12.94	−17 31.3	2.806	3.731	6.7	21.8
4 11	14 6.37	−16 59.2	2.759	3.737	3.9	21.6
4 21	13 59.17	−16 20.2	2.740	3.743	1.2	21.4
5 1	13 51.96	−15 37.3	2.752	3.748	2.7	21.6
5 11	13 45.36	−14 54.3	2.793	3.753	5.5	21.8
5 21	13 39.88	−14 14.6	2.861	3.758	8.2	21.9
5 31	13 35.88	−13 41.4	2.953	3.762	10.5	22.1

187288 2005 TY_{88} 4 21.8 224°.26 1°.9/20.3 17

3 22	14 21.26	− 9 19.3	1.749	2.629	12.5	21.3
4 1	14 15.58	− 8 38.0	1.680	2.627	8.7	21.0
4 11	14 7.99	− 7 50.1	1.636	2.624	4.6	20.8
4 21	13 59.29	− 7 0.3	1.619	2.621	1.9	20.6
5 1	13 50.52	− 6 14.6	1.629	2.618	5.3	20.8
5 11	13 42.72	− 5 38.6	1.665	2.615	9.4	21.0
5 21	13 36.67	− 5 16.1	1.725	2.612	13.2	21.2
5 31	13 32.90	− 5 9.3	1.805	2.609	16.4	21.4

274654 2008 TJ_{151} 4 21.8 235°.71 0°.4/21.5 17

3 22	14 22.04	−11 58.2	1.902	2.773	12.1	20.8
4 1	14 16.05	−11 45.3	1.830	2.771	8.5	20.6
4 11	14 8.22	−11 25.0	1.783	2.769	4.5	20.4
4 21	13 59.31	−11 0.3	1.762	2.767	0.4	20.0
5 1	13 50.30	−10 35.2	1.770	2.765	4.1	20.3
5 11	13 42.19	−10 14.2	1.805	2.763	8.2	20.6
5 21	13 35.74	−10 0.9	1.864	2.760	11.9	20.8
5 31	13 31.48	− 9 58.2	1.945	2.758	15.0	21.0

216373 2008 BZ_{15} 4 21.8 47°.82 3°.1/18.9 17

3 22	14 18.18	− 5 4.2	1.996	2.881	11.0	20.1
4 1	14 13.10	− 4 15.1	1.944	2.892	7.7	19.9
4 11	14 6.53	− 3 24.3	1.917	2.903	4.4	19.7
4 21	13 59.18	− 2 37.1	1.918	2.914	3.2	19.7
5 1	13 51.90	− 1 58.3	1.946	2.926	5.7	19.8
5 11	13 45.49	− 1 31.9	2.001	2.938	8.9	20.0
5 21	13 40.56	− 1 20.1	2.079	2.950	12.0	20.3
5 31	13 37.51	− 1 23.5	2.178	2.962	14.5	20.5

141238 2001 XG_{251} 4 21.8 87°.54 2°.7/19.1 18

3 22	14 19.28	− 4 51.1	2.278	3.157	10.1	19.9
4 1	14 13.71	− 4 12.8	2.226	3.171	7.0	19.8
4 11	14 6.80	− 3 33.5	2.200	3.184	4.0	19.6
4 21	13 59.21	− 2 57.2	2.201	3.198	2.8	19.5
5 1	13 51.68	− 2 28.0	2.232	3.212	5.0	19.7
5 11	13 44.95	− 2 9.1	2.290	3.225	8.0	19.9
5 21	13 39.58	− 2 2.3	2.372	3.238	10.8	20.1
5 31	13 35.94	− 2 8.2	2.476	3.252	13.2	20.3

172382 2003 AD_{11} 4 21.8 67°.28 0°.3/22.1 18

3 22	14 19.44	−16 7.5	2.014	2.878	11.9	19.7
4 1	14 13.92	−15 18.9	1.967	2.903	8.4	19.6
4 11	14 6.92	−14 19.7	1.944	2.929	4.5	19.4
4 21	13 59.21	−13 14.1	1.950	2.954	0.6	19.1
5 1	13 51.67	−12 7.8	1.984	2.980	3.6	19.4
5 11	13 45.10	−11 6.5	2.045	3.005	7.3	19.7
5 21	13 40.10	−10 15.0	2.132	3.030	10.5	19.9
5 31	13 37.03	− 9 36.2	2.241	3.055	13.3	20.1

58858 1998 HU_{97} 4 21.8 95°.05 0°.9/22.6 18

3 22	14 21.30	−15 33.7	2.290	3.146	10.9	18.9
4 1	14 15.25	−15 34.6	2.222	3.154	7.8	18.7
4 11	14 7.68	−15 27.0	2.180	3.162	4.4	18.5
4 21	13 59.27	−15 12.8	2.166	3.170	1.1	18.2
5 1	13 50.84	−14 54.7	2.181	3.178	3.3	18.4
5 11	13 43.19	−14 36.5	2.224	3.185	6.7	18.7
5 21	13 36.97	−14 21.4	2.294	3.193	9.8	18.9
5 31	13 32.62	−14 12.7	2.385	3.200	12.5	19.1

261650 2005 YS_{93} 4 21.8 270°.33 15°.4/ 3.2 18

3 22	14 26.81	−44 29.8	1.196	1.956	24.3	20.5
4 1	14 21.47	−45 35.3	1.120	1.949	21.8	20.3
4 11	14 11.96	−45 58.2	1.059	1.941	19.1	20.0
4 21	13 59.61	−45 28.6	1.014	1.933	16.7	19.9
5 1	13 46.65	−44 2.8	0.988	1.925	15.5	19.7
5 11	13 35.62	−41 48.5	0.982	1.916	16.0	19.7
5 21	13 28.31	−39 2.3	0.995	1.908	18.2	19.8
5 31	13 25.60	−36 5.1	1.027	1.900	21.2	20.0

294208 2007 TC_{436} 4 21.8 201°.93 0°.6/22.4 17

3 22	14 19.32	−15 51.0	2.421	3.278	10.4	21.2
4 1	14 13.85	−15 29.6	2.343	3.276	7.4	21.0
4 11	14 6.95	−14 59.1	2.291	3.274	4.1	20.7
4 21	13 59.22	−14 21.9	2.267	3.271	0.8	20.5
5 1	13 51.43	−13 41.4	2.272	3.268	3.2	20.7
5 11	13 44.33	−13 2.1	2.305	3.265	6.6	20.9
5 21	13 38.53	−12 27.7	2.365	3.262	9.7	21.1
5 31	13 34.47	−12 1.6	2.447	3.258	12.4	21.2

52787 1998 QJ_{43} 4 21.8 174.°95 5.°7/17.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 22.87	− 2 2.7	1.321	2.217	14.7	18.6
4 1	14 17.07	− 0 50.0	1.266	2.217	10.6	18.3
4 11	14 8.89	+ 0 22.8	1.234	2.217	6.8	18.1
4 21	13 59.37	+ 1 26.8	1.227	2.217	6.0	18.0
5 1	13 49.83	+ 2 13.3	1.245	2.217	9.1	18.2
5 11	13 41.60	+ 2 36.5	1.286	2.217	13.3	18.4
5 21	13 35.61	+ 2 34.7	1.347	2.217	17.2	18.7
5 31	13 32.43	+ 2 9.1	1.426	2.217	20.5	18.9

436650 2011 RB_{9} 4 21.8 284.°81 1.°0/20.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 17.37	−12 25.8	2.092	2.966	11.0	21.4
4 1	14 12.63	−11 25.0	2.017	2.961	7.7	21.1
4 11	14 6.34	−10 14.7	1.968	2.956	4.0	20.9
4 21	13 59.19	− 8 59.9	1.947	2.951	1.0	20.7
5 1	13 51.98	− 7 46.5	1.955	2.946	4.3	20.9
5 11	13 45.54	− 6 40.5	1.990	2.942	8.0	21.1
5 21	13 40.50	− 5 46.6	2.049	2.937	11.4	21.3
5 31	13 37.34	− 5 8.0	2.131	2.932	14.3	21.5

361543 2007 PQ_{24} 4 21.8 238.°51 1.°8/20.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 22.48	−10 34.9	1.694	2.572	13.0	21.7
4 1	14 16.61	− 9 35.7	1.614	2.560	9.1	21.4
4 11	14 8.63	− 8 26.4	1.558	2.546	4.8	21.1
4 21	13 59.36	− 7 12.5	1.530	2.533	1.9	20.9
5 1	13 49.90	− 6 1.4	1.529	2.518	5.6	21.1
5 11	13 41.37	− 5 0.5	1.554	2.503	10.1	21.3
5 21	13 34.67	− 4 15.3	1.604	2.488	14.2	21.5
5 31	13 30.41	− 3 49.0	1.672	2.472	17.6	21.7

81068 2000 EC_{77} 4 21.8 261.°61 1.°0/21.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 23.94	−10 18.7	1.749	2.623	12.8	18.8
4 1	14 17.65	−10 4.7	1.666	2.609	9.1	18.5
4 11	14 9.21	− 9 44.1	1.607	2.595	4.8	18.2
4 21	13 59.42	− 9 20.0	1.576	2.580	1.0	17.9
5 1	13 49.36	− 8 57.0	1.572	2.565	4.8	18.1
5 11	13 40.18	− 8 39.8	1.595	2.550	9.3	18.4
5 21	13 32.81	− 8 32.3	1.641	2.534	13.4	18.6
5 31	13 27.90	− 8 37.3	1.708	2.519	16.9	18.8

433371 2013 SC_{49} 4 21.8 166.°90 1.°6/20.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 20.01	− 9 38.2	2.463	3.332	9.8	21.7
4 1	14 14.21	− 8 42.0	2.396	3.337	6.8	21.5
4 11	14 7.09	− 7 40.3	2.355	3.342	3.6	21.3
4 21	13 59.26	− 6 37.4	2.344	3.346	1.6	21.2
5 1	13 51.44	− 5 37.9	2.363	3.350	4.2	21.4
5 11	13 44.34	− 4 46.4	2.411	3.353	7.4	21.6
5 21	13 38.53	− 4 6.3	2.484	3.355	10.3	21.8
5 31	13 34.39	− 3 39.4	2.580	3.356	12.7	21.9

207096 2005 AT_{6} 4 21.8 53.°33 3.°0/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 25.19	−19 10.6	1.379	2.243	16.2	19.7
4 1	14 18.85	−19 28.1	1.318	2.250	12.0	19.5
4 11	14 9.91	−19 29.2	1.278	2.257	7.3	19.2
4 21	13 59.47	−19 14.8	1.263	2.264	3.3	19.0
5 1	13 48.95	−18 48.8	1.274	2.271	5.0	19.1
5 11	13 39.79	−18 17.7	1.310	2.278	9.5	19.4
5 21	13 33.03	−17 48.6	1.369	2.286	13.9	19.7
5 31	13 29.28	−17 27.5	1.447	2.294	17.6	19.9

90160 2002 YB_{33} 4 21.8 95.°25 2.°2/20.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 24.48	− 7 28.3	1.688	2.567	12.9	19.5
4 1	14 17.74	− 7 6.3	1.635	2.581	9.0	19.3
4 11	14 9.08	− 6 40.7	1.607	2.595	4.8	19.1
4 21	13 59.41	− 6 15.7	1.606	2.608	2.2	19.0
5 1	13 49.84	− 5 56.2	1.633	2.622	5.4	19.2
5 11	13 41.42	− 5 46.0	1.686	2.635	9.4	19.5
5 21	13 34.93	− 5 47.8	1.763	2.648	13.0	19.7
5 31	13 30.82	− 6 2.5	1.859	2.660	16.1	19.9

225525 2000 RB_{27} 4 21.8 194.°81 2.°1/23.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.39	−20 58.5	2.298	3.137	11.5	21.1
4 1	14 15.42	−20 33.6	2.215	3.134	8.5	20.9
4 11	14 7.83	−19 54.7	2.158	3.132	5.3	20.7
4 21	13 59.33	−19 4.0	2.129	3.128	2.3	20.5
5 1	13 50.75	−18 5.3	2.128	3.124	3.4	20.5
5 11	13 42.94	−17 4.1	2.157	3.120	6.8	20.7
5 21	13 36.59	−16 5.7	2.212	3.114	10.0	20.9
5 31	13 32.17	−15 15.0	2.290	3.109	12.9	21.1

179660 2002 QZ_{21} 4 21.8 216.°43 5.°6/26.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 25.36	−28 30.8	1.942	2.752	14.4	20.9
4 1	14 18.70	−28 49.8	1.855	2.745	11.6	20.6
4 11	14 9.79	−28 48.7	1.791	2.738	8.5	20.4
4 21	13 59.48	−28 26.5	1.752	2.731	6.0	20.3
5 1	13 48.90	−27 44.8	1.741	2.722	6.0	20.2
5 11	13 39.26	−26 49.1	1.756	2.714	8.4	20.4
5 21	13 31.54	−25 46.7	1.796	2.704	11.7	20.5
5 31	13 26.37	−24 45.6	1.859	2.694	14.8	20.7

300995 2008 GJ_{20} 4 21.8 295.°57 10.°1/12.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 23.09	+18 58.1	2.128	2.969	12.2	19.7
4 1	14 16.59	+19 48.5	2.075	2.960	10.8	19.6
4 11	14 8.43	+20 21.3	2.047	2.950	10.1	19.6
4 21	13 59.37	+20 30.7	2.043	2.941	10.5	19.6
5 1	13 50.33	+20 13.2	2.063	2.932	11.9	19.6
5 11	13 42.22	+19 28.6	2.105	2.923	13.7	19.7
5 21	13 35.70	+18 19.6	2.168	2.914	15.7	19.9
5 31	13 31.24	+16 50.2	2.248	2.905	17.4	20.0

170208 2003 PF_{8} 4 21.8 270.°34 3.°1/19.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 20.92	− 8 4.0	1.511	2.400	13.6	20.5
4 1	14 15.69	− 6 53.5	1.435	2.386	9.6	20.2
4 11	14 8.22	− 5 34.0	1.384	2.372	5.3	19.9
4 21	13 59.37	− 4 12.9	1.358	2.358	3.3	19.7
5 1	13 50.30	− 2 59.0	1.358	2.343	6.9	19.9
5 11	13 42.25	− 2 0.2	1.384	2.329	11.4	20.1
5 21	13 36.15	− 1 21.9	1.432	2.314	15.7	20.4
5 31	13 32.64	− 1 6.3	1.497	2.299	19.3	20.6

143620 2003 GM_{50} 4 21.8 10.°20 6.°2/16.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.21	+ 6 15.6	2.111	2.986	10.9	19.2
4 1	14 15.21	+ 6 48.7	2.055	2.986	8.4	19.0
4 11	14 7.68	+ 7 13.8	2.025	2.987	6.5	18.9
4 21	13 59.32	+ 7 26.0	2.021	2.988	6.4	18.9
5 1	13 50.99	+ 7 22.0	2.045	2.989	8.1	19.0
5 11	13 43.51	+ 7 0.1	2.094	2.991	10.6	19.2
5 21	13 37.52	+ 6 20.9	2.166	2.992	13.2	19.3
5 31	13 33.45	+ 5 26.3	2.257	2.994	15.4	19.5

196924 2003 UX_{3} 4 21.8 214.°89 1.°3/20.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.71	−10 16.4	2.214	3.086	10.6	20.8
4 1	14 14.22	− 9 32.9	2.138	3.081	7.4	20.6
4 11	14 7.19	− 8 42.9	2.088	3.075	3.9	20.4
4 21	13 59.29	− 7 50.3	2.066	3.069	1.3	20.2
5 1	13 51.32	− 7 0.1	2.074	3.063	4.3	20.4
5 11	13 44.08	− 6 17.0	2.109	3.057	7.9	20.6
5 21	13 38.23	− 5 44.7	2.169	3.050	11.1	20.8
5 31	13 34.23	− 5 25.5	2.251	3.043	13.9	21.0

290116 2005 QM_{126} 4 21.8 154.°45 0.°7/22.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 18.97	−16 3.8	2.422	3.279	10.4	21.5
4 1	14 13.60	−15 44.3	2.349	3.281	7.4	21.3
4 11	14 6.82	−15 15.8	2.301	3.283	4.1	21.1
4 21	13 59.27	−14 40.5	2.281	3.285	0.9	20.8
5 1	13 51.67	−14 2.1	2.290	3.287	3.1	21.0
5 11	13 44.78	−13 24.5	2.328	3.288	6.5	21.2
5 21	13 39.18	−12 51.8	2.391	3.290	9.5	21.4
5 31	13 35.30	−12 26.9	2.478	3.291	12.2	21.6

504844 2010 RL_{167} 4 21.8 249.°74 5.°2/16.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.21	− 2 11.3	1.811	2.696	11.9	21.8
4 1	14 15.62	− 0 34.1	1.732	2.678	8.6	21.5
4 11	14 8.09	+ 1 6.7	1.680	2.659	5.8	21.3
4 21	13 59.37	+ 2 42.7	1.654	2.639	5.5	21.2
5 1	13 50.45	+ 4 5.5	1.657	2.619	8.3	21.4
5 11	13 42.35	+ 5 8.0	1.685	2.598	11.9	21.5
5 21	13 35.91	+ 5 46.7	1.736	2.576	15.3	21.7
5 31	13 31.70	+ 6 0.9	1.805	2.554	18.3	21.9

519502 2012 DO_{105} 4 21.8 233.°63 4.°7/17.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.55	− 1 38.5	1.833	2.717	11.8	21.6
4 1	14 15.76	− 0 33.8	1.763	2.708	8.5	21.4
4 11	14 8.10	+ 0 31.1	1.719	2.699	5.6	21.2
4 21	13 59.37	+ 1 29.9	1.702	2.690	5.0	21.1
5 1	13 50.53	+ 2 15.9	1.712	2.680	7.5	21.2
5 11	13 42.58	+ 2 44.3	1.748	2.669	11.0	21.4
5 21	13 36.29	+ 2 53.1	1.806	2.659	14.3	21.6
5 31	13 32.19	+ 2 42.0	1.883	2.648	17.2	21.8

271782 2004 TE_{28} 4 21.8 126.°69 0.°6/22.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 22.34	−14 53.4	1.857	2.722	12.6	20.8
4 1	14 16.31	−14 43.4	1.788	2.725	9.0	20.5
4 11	14 8.39	−14 23.5	1.743	2.727	5.0	20.3
4 21	13 59.39	−13 56.1	1.725	2.730	0.8	20.0
5 1	13 50.33	−13 25.2	1.735	2.732	3.9	20.2
5 11	13 42.22	−12 55.9	1.772	2.734	8.0	20.5
5 21	13 35.84	−12 32.7	1.834	2.736	11.8	20.7
5 31	13 31.72	−12 19.1	1.917	2.739	14.9	20.9

471164 2010 HZ_{57} 4 21.8 350.°51 6.°8/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.41	−36 39.9	2.245	3.010	14.1	20.1
4 1	14 14.25	−36 29.6	2.160	3.009	11.9	19.9
4 11	14 7.28	−35 54.8	2.096	3.008	9.5	19.7
4 21	13 59.31	−34 55.1	2.057	3.007	7.5	19.6
5 1	13 51.29	−33 33.3	2.043	3.007	6.8	19.6
5 11	13 44.21	−31 55.5	2.057	3.006	8.0	19.6
5 21	13 38.79	−30 9.5	2.096	3.006	10.2	19.8
5 31	13 35.55	−28 23.8	2.160	3.006	12.6	19.9

242660 2005 QR_{88} 4 21.8 207°.04 5°.7/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 21.63	−34 49.2	2.954	3.710	11.3	21.2
4 1	14 15.53	−35 7.5	2.862	3.705	9.4	21.1
4 11	14 7.90	−35 9.0	2.792	3.700	7.6	20.9
4 21	13 59.36	−34 52.7	2.748	3.694	6.1	20.8
5 1	13 50.67	−34 19.5	2.732	3.687	5.8	20.8
5 11	13 42.62	−33 32.8	2.743	3.681	6.8	20.8
5 21	13 35.87	−32 37.1	2.781	3.674	8.6	20.9
5 31	13 30.90	−31 38.0	2.843	3.666	10.5	21.1

435432 2008 CX_{122} 4 21.8 163°.33 3°.5/17.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 17.56	− 2 11.0	2.556	3.435	9.1	21.4
4 1	14 12.48	− 1 11.6	2.495	3.438	6.5	21.3
4 11	14 6.18	− 0 12.4	2.461	3.441	4.1	21.1
4 21	13 59.24	+ 0 42.2	2.456	3.444	3.6	21.1
5 1	13 52.30	+ 1 27.8	2.479	3.446	5.6	21.2
5 11	13 46.01	+ 2 1.0	2.530	3.448	8.2	21.4
5 21	13 40.88	+ 2 19.9	2.605	3.450	10.7	21.5
5 31	13 37.30	+ 2 24.2	2.702	3.451	12.8	21.7

430775 2004 SN_{12} 4 21.8 301°.08 0°.9/22.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 23.19	−14 42.8	1.604	2.475	13.9	20.7
4 1	14 17.56	−14 45.0	1.505	2.445	10.2	20.4
4 11	14 9.41	−14 36.5	1.429	2.414	5.7	20.0
4 21	13 59.50	−14 18.7	1.378	2.383	1.1	19.6
5 1	13 49.00	−13 55.2	1.354	2.352	4.6	19.8
5 11	13 39.24	−13 31.5	1.356	2.321	9.7	20.0
5 21	13 31.39	−13 13.2	1.381	2.290	14.4	20.2
5 31	13 26.29	−13 5.4	1.426	2.259	18.5	20.4

502834 2015 DV_{151} 4 21.8 115°.25 0°.7/22.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 22.04	−15 5.6	1.954	2.817	12.2	20.7
4 1	14 16.01	−14 56.1	1.886	2.822	8.7	20.5
4 11	14 8.20	−14 36.8	1.843	2.826	4.8	20.3
4 21	13 59.39	−14 10.2	1.826	2.831	0.9	20.0
5 1	13 50.53	−13 40.2	1.839	2.835	3.7	20.2
5 11	13 42.60	−13 11.5	1.878	2.840	7.7	20.5
5 21	13 36.31	−12 48.4	1.943	2.844	11.3	20.7
5 31	13 32.18	−12 34.2	2.029	2.848	14.3	20.9

307491 2002 XR_{81} 4 21.8 97°.83 4°.5/25.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 23.99	−25 37.1	1.753	2.583	14.9	20.2
4 1	14 17.61	−25 41.6	1.689	2.596	11.5	20.0
4 11	14 9.12	−25 26.1	1.648	2.609	7.9	19.8
4 21	13 59.46	−24 51.4	1.633	2.622	5.0	19.7
5 1	13 49.81	−24 1.1	1.644	2.634	5.2	19.7
5 11	13 41.34	−23 2.2	1.682	2.647	8.2	19.9
5 21	13 34.89	−22 2.0	1.745	2.659	11.6	20.1
5 31	13 30.96	−21 7.4	1.829	2.670	14.7	20.4

380031 2013 QK_{62} 4 21.8 274°.46 1°.6/20.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 22.02	−10 19.1	1.677	2.556	13.0	20.9
4 1	14 16.41	− 9 40.4	1.591	2.537	9.2	20.6
4 11	14 8.62	− 8 52.8	1.529	2.517	4.9	20.3
4 21	13 59.44	− 8 0.9	1.493	2.496	1.6	20.1
5 1	13 49.95	− 7 10.9	1.484	2.476	5.4	20.3
5 11	13 41.32	− 6 29.2	1.502	2.455	10.0	20.5
5 21	13 34.51	− 6 0.9	1.543	2.434	14.2	20.7
5 31	13 30.17	− 5 49.2	1.603	2.413	17.8	20.9

264586 2001 TV_{180} 4 21.8 215°.36 1°.2/22.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.76	−17 33.2	1.929	2.787	12.6	21.4
4 1	14 15.92	−17 8.3	1.850	2.782	9.1	21.2
4 11	14 8.22	−16 30.3	1.796	2.777	5.2	20.9
4 21	13 59.41	−15 41.8	1.768	2.772	1.4	20.6
5 1	13 50.47	−14 47.6	1.769	2.766	3.8	20.8
5 11	13 42.43	−13 53.7	1.798	2.760	7.9	21.0
5 21	13 36.05	−13 5.7	1.851	2.754	11.6	21.2
5 31	13 31.89	−12 28.4	1.926	2.748	14.8	21.4

20594 1999 RP_{183} 4 21.8 291°.26 4°.5/16.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 16.58	− 0 29.4	2.280	3.164	9.8	18.5
4 1	14 11.95	+ 0 47.3	2.217	3.161	7.1	18.4
4 11	14 5.96	+ 2 3.1	2.182	3.158	4.9	18.2
4 21	13 59.24	+ 3 12.4	2.174	3.155	4.8	18.2
5 1	13 52.49	+ 4 9.6	2.194	3.152	6.8	18.3
5 11	13 46.43	+ 4 50.7	2.241	3.150	9.5	18.5
5 21	13 41.63	+ 5 13.8	2.311	3.147	12.1	18.6
5 31	13 38.50	+ 5 18.6	2.400	3.144	14.4	18.8

480767 2016 OG_{3} 4 21.8 259°.98 4°.2/26.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.53	−27 43.2	2.369	3.181	12.1	21.4
4 1	14 14.24	−27 34.2	2.275	3.169	9.6	21.2
4 11	14 7.29	−27 7.6	2.206	3.157	6.8	21.0
4 21	13 59.34	−26 24.0	2.162	3.145	4.6	20.9
5 1	13 51.24	−25 26.0	2.146	3.132	4.6	20.8
5 11	13 43.85	−24 18.8	2.159	3.120	6.8	21.0
5 21	13 37.89	−23 8.3	2.197	3.107	9.7	21.1
5 31	13 33.87	−22 0.8	2.259	3.095	12.5	21.3

143590 2003 FU_{50} 4 21.8 135°.79 2°.3/19.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 16.96	− 8 9.6	2.420	3.297	9.6	20.1
4 1	14 12.12	− 6 50.4	2.357	3.302	6.7	20.0
4 11	14 6.01	− 5 26.4	2.321	3.307	3.6	19.8
4 21	13 59.24	− 4 2.7	2.314	3.312	2.4	19.7
5 1	13 52.50	− 2 45.0	2.337	3.317	4.8	19.9
5 11	13 46.45	− 1 38.4	2.388	3.322	7.8	20.1
5 21	13 41.62	− 0 46.1	2.464	3.326	10.6	20.2
5 31	13 38.39	− 0 10.0	2.561	3.330	13.0	20.4

390986 2005 SW_{36} 4 21.8 264°.19 0°.3/21.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 18.51	−12 55.6	2.406	3.271	10.1	21.7
4 1	14 13.37	−12 26.0	2.319	3.258	7.1	21.5
4 11	14 6.77	−11 48.7	2.259	3.245	3.8	21.3
4 21	13 59.31	−11 6.8	2.227	3.232	0.4	21.0
5 1	13 51.72	−10 24.0	2.224	3.218	3.5	21.2
5 11	13 44.76	− 9 44.7	2.249	3.204	7.0	21.4
5 21	13 39.04	− 9 12.6	2.300	3.191	10.2	21.6
5 31	13 35.04	− 8 50.6	2.373	3.177	12.9	21.7

316801 1999 UB_{29} 4 21.8 256°.89 0°.5/21.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.99	−12 1.1	2.069	2.937	11.4	20.8
4 1	14 16.05	−11 42.2	1.982	2.921	8.1	20.6
4 11	14 8.30	−11 15.6	1.919	2.905	4.3	20.3
4 21	13 59.43	−10 44.4	1.884	2.889	0.5	20.0
5 1	13 50.34	−10 12.5	1.878	2.872	4.0	20.2
5 11	13 41.97	− 9 44.4	1.900	2.855	8.1	20.4
5 21	13 35.12	− 9 24.1	1.946	2.838	11.7	20.6
5 31	13 30.34	− 9 14.7	2.014	2.820	14.8	20.8

473124 2015 JV_{2} 4 21.8 3°.60 5°.0/16.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 17.31	− 0 40.9	1.937	2.826	11.0	20.6
4 1	14 12.63	+ 0 36.4	1.880	2.826	8.0	20.4
4 11	14 6.38	+ 1 52.7	1.848	2.826	5.5	20.2
4 21	13 59.28	+ 3 1.2	1.844	2.827	5.2	20.2
5 1	13 52.17	+ 3 55.7	1.866	2.827	7.5	20.4
5 11	13 45.90	+ 4 31.8	1.913	2.828	10.6	20.5
5 21	13 41.11	+ 4 47.7	1.983	2.829	13.5	20.7
5 31	13 38.23	+ 4 43.6	2.072	2.830	16.0	20.9

17588 1995 BH_{2} 4 21.8 16°.70 2°.3/20.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.28	− 9 38.8	0.990	1.898	17.3	17.7
4 1	14 15.04	− 9 4.3	0.944	1.903	12.1	17.4
4 11	14 8.00	− 8 20.5	0.918	1.910	6.4	17.1
4 21	13 59.40	− 7 34.8	0.914	1.918	2.3	16.9
5 1	13 50.86	− 6 56.1	0.933	1.927	6.9	17.2
5 11	13 43.92	− 6 31.9	0.973	1.938	12.4	17.5
5 21	13 39.62	− 6 26.7	1.032	1.950	17.3	17.8
5 31	13 38.50	− 6 41.6	1.108	1.963	21.2	18.1

424683 2008 RP_{111} 4 21.8 202°.34 0°.2/21.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 22.26	−12 31.1	2.078	2.944	11.4	21.4
4 1	14 16.13	−12 16.8	2.003	2.942	8.1	21.2
4 11	14 8.28	−11 55.1	1.954	2.939	4.3	21.0
4 21	13 59.43	−11 28.8	1.932	2.937	0.3	20.6
5 1	13 50.49	−11 1.4	1.939	2.934	3.8	20.9
5 11	13 42.36	−10 37.5	1.974	2.930	7.7	21.2
5 21	13 35.78	−10 20.5	2.034	2.927	11.2	21.4
5 31	13 31.25	−10 13.2	2.115	2.923	14.2	21.6

414073 2007 TJ_{58} 4 21.8 282°.21 0°.1/21.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 23.96	−13 43.4	1.474	2.350	14.7	21.0
4 1	14 18.16	−13 29.0	1.385	2.328	10.6	20.7
4 11	14 9.74	−13 2.6	1.319	2.305	5.8	20.4
4 21	13 59.56	−12 27.1	1.277	2.282	0.5	19.9
5 1	13 48.89	−11 47.6	1.263	2.259	5.0	20.2
5 11	13 39.16	−11 11.1	1.273	2.236	10.4	20.4
5 21	13 31.54	−10 43.9	1.307	2.213	15.2	20.6
5 31	13 26.83	−10 30.8	1.359	2.190	19.4	20.8

307151 2002 CQ_{269} 4 21.8 337°.43 3°.7/25.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.95	−24 56.0	2.319	3.144	11.9	20.9
4 1	14 14.49	−25 1.4	2.239	3.143	9.2	20.8
4 11	14 7.40	−24 52.0	2.183	3.143	6.3	20.6
4 21	13 59.37	−24 28.2	2.154	3.142	4.0	20.4
5 1	13 51.23	−23 52.5	2.152	3.141	4.2	20.4
5 11	13 43.85	−23 9.4	2.179	3.141	6.7	20.6
5 21	13 37.90	−22 23.9	2.231	3.140	9.6	20.8
5 31	13 33.89	−21 41.1	2.306	3.140	12.3	20.9

409148 2003 UA_{113} 4 21.8 176°.07 2°.8/19.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 23.66	− 6 12.7	1.935	2.811	11.7	22.0
4 1	14 17.10	− 5 26.7	1.870	2.814	8.2	21.8
4 11	14 8.78	− 4 37.3	1.830	2.816	4.6	21.6
4 21	13 59.48	− 3 49.5	1.819	2.817	2.9	21.4
5 1	13 50.16	− 3 8.8	1.836	2.818	5.7	21.6
5 11	13 41.77	− 2 39.7	1.880	2.818	9.3	21.8
5 21	13 35.06	− 2 25.1	1.948	2.817	12.7	22.0
5 31	13 30.50	− 2 25.9	2.037	2.816	15.6	22.2

73310 2002 JE_{76} 4 21.8 307°.43 1°.1/22.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 22.23	−15 58.2	1.361	2.239	15.5	19.6
4 1	14 16.96	−15 48.5	1.285	2.227	11.3	19.3
4 11	14 9.06	−15 24.1	1.230	2.216	6.4	19.0
4 21	13 59.51	−14 47.6	1.200	2.204	1.4	18.6
5 1	13 49.65	−14 4.5	1.195	2.193	4.9	18.8
5 11	13 40.92	−13 22.4	1.215	2.183	10.2	19.1
5 21	13 34.44	−12 48.1	1.257	2.173	15.0	19.3
5 31	13 30.93	−12 27.3	1.317	2.163	19.1	19.5

236195 2005 WX_{58} 4 21.8 226°.94 2°.9/19.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 24.94	− 7 11.9	1.585	2.466	13.5	20.4
4 1	14 18.47	− 6 26.9	1.510	2.457	9.5	20.2
4 11	14 9.71	− 5 36.1	1.460	2.447	5.3	19.9
4 21	13 59.56	− 4 45.4	1.437	2.437	2.9	19.7
5 1	13 49.21	− 4 1.4	1.440	2.426	6.4	19.9
5 11	13 39.92	− 3 30.2	1.470	2.415	10.9	20.1
5 21	13 32.62	− 3 15.6	1.522	2.403	15.0	20.3
5 31	13 27.96	− 3 19.3	1.594	2.390	18.5	20.6

89771 2002 AD_{82} 4 21.8 224°.02 7°.0/14.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.08	+ 7 39.8	2.196	3.068	10.7	19.6
4 1	14 15.20	+ 8 59.2	2.132	3.057	8.5	19.5
4 11	14 7.75	+10 11.6	2.095	3.047	7.1	19.3
4 21	13 59.41	+11 10.3	2.085	3.035	7.4	19.3
5 1	13 50.99	+11 49.9	2.101	3.023	9.3	19.4
5 11	13 43.33	+12 7.4	2.143	3.010	11.7	19.6
5 21	13 37.08	+12 2.5	2.206	2.997	14.1	19.7
5 31	13 32.72	+11 36.6	2.288	2.983	16.2	19.8

185345 2006 VW_{53} 4 21.8 321°.01 2°.9/24.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 18.71	−22 20.2	2.081	2.924	12.4	20.4
4 1	14 13.75	−22 8.7	1.999	2.918	9.4	20.2
4 11	14 7.06	−21 41.9	1.941	2.912	6.0	19.9
4 21	13 59.36	−21 1.3	1.909	2.906	3.2	19.7
5 1	13 51.53	−20 10.4	1.905	2.900	3.9	19.8
5 11	13 44.49	−19 14.8	1.928	2.894	7.1	20.0
5 21	13 38.97	−18 20.4	1.976	2.889	10.5	20.2
5 31	13 35.50	−17 32.3	2.047	2.884	13.5	20.3

374365 2005 UN_{292} 4 21.8 206°.14 0°.7/22.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 23.29	−15 2.7	1.921	2.783	12.4	21.2
4 1	14 17.01	−14 54.6	1.845	2.781	8.9	21.0
4 11	14 8.82	−14 36.4	1.794	2.778	4.9	20.7
4 21	13 59.49	−14 10.5	1.770	2.775	0.9	20.4
5 1	13 50.04	−13 40.8	1.774	2.771	3.8	20.6
5 11	13 41.49	−13 12.0	1.806	2.767	8.0	20.9
5 21	13 34.63	−12 48.6	1.863	2.763	11.7	21.1
5 31	13 30.03	−12 34.4	1.941	2.759	14.9	21.3

224230 2005 SO_{69} 4 21.8 310°.43 0°.5/21.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.20	−12 41.4	1.610	2.489	13.5	20.2
4 1	14 15.77	−12 12.8	1.539	2.484	9.6	19.9
4 11	14 8.23	−11 34.0	1.492	2.480	5.1	19.7
4 21	13 59.45	−10 49.1	1.471	2.476	0.6	19.3
5 1	13 50.55	−10 3.9	1.476	2.471	4.7	19.6
5 11	13 42.66	− 9 24.7	1.507	2.468	9.3	19.9
5 21	13 36.67	− 8 56.5	1.562	2.464	13.5	20.1
5 31	13 33.15	− 8 42.6	1.636	2.460	16.9	20.3

45832 2000 QK_{186} 4 21.8 318°.76 5°.7/18.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.04	− 2 28.5	1.196	2.098	15.4	18.3
4 1	14 16.20	− 1 29.2	1.129	2.084	11.1	18.0
4 11	14 8.69	− 0 28.5	1.085	2.070	7.1	17.8
4 21	13 59.50	+ 0 24.6	1.064	2.057	6.0	17.7
5 1	13 50.04	+ 1 1.0	1.066	2.044	9.4	17.8
5 11	13 41.82	+ 1 14.0	1.090	2.032	14.1	18.0
5 21	13 35.94	+ 1 1.2	1.134	2.021	18.6	18.3
5 31	13 33.12	+ 0 23.4	1.194	2.010	22.4	18.5

93201 2000 SZ_{115} 4 21.8 277°.31 1°.5/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 25.92	−15 40.3	1.880	2.737	12.9	20.1
4 1	14 19.20	−15 58.5	1.781	2.713	9.4	19.8
4 11	14 10.19	−16 7.7	1.708	2.689	5.5	19.6
4 21	13 59.62	−16 8.3	1.661	2.664	1.7	19.2
5 1	13 48.57	−16 2.4	1.643	2.639	4.1	19.4
5 11	13 38.24	−15 54.0	1.652	2.614	8.5	19.6
5 21	13 29.63	−15 47.2	1.687	2.588	12.6	19.7
5 31	13 23.50	−15 46.6	1.743	2.563	16.2	19.9

106879 2000 YA_{36} 4 21.8 81°.68 0°.4/21.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 24.00	−13 32.6	1.455	2.332	14.8	20.0
4 1	14 17.63	−12 56.0	1.407	2.351	10.4	19.8
4 11	14 9.12	−12 8.1	1.383	2.370	5.5	19.5
4 21	13 59.52	−11 14.0	1.384	2.389	0.5	19.2
5 1	13 50.09	−10 20.7	1.412	2.407	4.8	19.6
5 11	13 42.02	− 9 34.9	1.465	2.425	9.5	19.9
5 21	13 36.13	− 9 1.7	1.542	2.443	13.6	20.2
5 31	13 32.86	− 8 44.1	1.638	2.461	16.9	20.4

153862 2001 XK_{71} 4 21.8 187°.39 1°.8/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 20.67	− 9 43.7	2.044	2.919	11.2	20.2
4 1	14 14.98	− 8 48.7	1.974	2.918	7.8	20.0
4 11	14 7.65	− 7 47.0	1.930	2.918	4.1	19.7
4 21	13 59.42	− 6 43.3	1.914	2.917	1.8	19.6
5 1	13 51.14	− 5 43.5	1.927	2.915	4.8	19.8
5 11	13 43.71	− 4 52.9	1.967	2.913	8.5	20.0
5 21	13 37.79	− 4 15.5	2.032	2.910	11.9	20.2
5 31	13 33.85	− 3 53.5	2.118	2.907	14.7	20.4

34791 Ericcraine 4 21.8 112°.85 1°.8/20.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 22.00	− 9 18.6	1.804	2.682	12.3	19.2
4 1	14 15.99	− 8 36.0	1.747	2.693	8.6	19.0
4 11	14 8.19	− 7 47.5	1.715	2.703	4.5	18.7
4 21	13 59.46	− 6 58.0	1.710	2.713	1.8	18.6
5 1	13 50.78	− 6 13.1	1.733	2.723	5.0	18.8
5 11	13 43.12	− 5 37.9	1.783	2.732	9.0	19.0
5 21	13 37.21	− 5 15.8	1.857	2.742	12.5	19.3
5 31	13 33.49	− 5 8.6	1.951	2.751	15.5	19.5

140213 2001 SQ_{232} 4 21.8 108°.51 0°.5/21.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.69	−12 10.6	2.333	3.200	10.3	20.6
4 1	14 14.08	−11 42.7	2.272	3.211	7.2	20.4
4 11	14 7.09	−11 8.4	2.236	3.222	3.8	20.2
4 21	13 59.38	−10 30.6	2.228	3.233	0.5	20.0
5 1	13 51.69	− 9 53.4	2.250	3.244	3.5	20.3
5 11	13 44.77	− 9 20.7	2.300	3.254	6.9	20.5
5 21	13 39.20	− 8 55.8	2.376	3.265	10.0	20.7
5 31	13 35.38	− 8 40.9	2.474	3.275	12.5	20.9

92667 2000 QT_{51} 4 21.8 159°.84 4°.0/18.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 22.95	− 4 38.9	1.644	2.529	12.9	19.7
4 1	14 16.80	− 3 29.8	1.586	2.534	9.1	19.4
4 11	14 8.69	− 2 17.9	1.553	2.538	5.4	19.2
4 21	13 59.50	− 1 10.4	1.547	2.542	4.2	19.2
5 1	13 50.33	− 0 14.6	1.568	2.545	7.1	19.3
5 11	13 42.27	+ 0 24.0	1.615	2.548	11.0	19.6
5 21	13 36.09	+ 0 42.6	1.684	2.550	14.5	19.8
5 31	13 32.29	+ 0 41.0	1.773	2.552	17.5	20.0

459154 2012 CT_{52} 4 21.8 348°.92 3°.1/19.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 18.72	− 7 48.0	1.184	2.087	15.4	20.5
4 1	14 14.50	− 7 2.2	1.123	2.080	10.9	20.2
4 11	14 7.73	− 6 9.3	1.083	2.073	5.9	19.9
4 21	13 59.44	− 5 16.4	1.067	2.068	3.2	19.7
5 1	13 50.99	− 4 32.0	1.074	2.064	7.2	20.0
5 11	13 43.82	− 4 3.7	1.104	2.061	12.3	20.2
5 21	13 38.95	− 3 55.6	1.153	2.059	16.9	20.5
5 31	13 37.01	− 4 9.0	1.220	2.058	20.8	20.7

438181 2005 TB_{160} 4 21.8 247°.75 0°.7/22.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 18.03	−17 10.2	2.741	3.591	9.5	22.2
4 1	14 12.93	−16 33.5	2.646	3.575	6.9	22.0
4 11	14 6.53	−15 46.7	2.578	3.559	3.9	21.8
4 21	13 59.35	−14 52.2	2.538	3.542	0.9	21.5
5 1	13 52.05	−13 53.8	2.528	3.525	2.9	21.6
5 11	13 45.30	−12 55.8	2.548	3.507	6.1	21.8
5 21	13 39.66	−12 2.5	2.594	3.489	9.0	22.0
5 31	13 35.57	−11 17.4	2.664	3.471	11.6	22.1

131686 2001 XG_{204} 4 21.8 0°.53 0°.6/21.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 22.74	−11 14.5	1.093	1.989	17.0	18.7
4 1	14 17.56	−11 15.8	1.034	1.987	12.1	18.4
4 11	14 9.45	−11 7.9	0.996	1.986	6.4	18.1
4 21	13 59.58	−10 54.4	0.981	1.985	0.7	17.7
5 1	13 49.53	−10 41.0	0.989	1.986	5.8	18.0
5 11	13 40.97	−10 34.0	1.019	1.988	11.6	18.3
5 21	13 35.06	−10 38.2	1.070	1.990	16.6	18.6
5 31	13 32.48	−10 56.5	1.138	1.994	20.8	18.9

17279 Jeniferevans 4 21.8 248°.15 7°.0/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 24.80	−33 15.3	2.111	2.892	14.4	17.8
4 1	14 18.39	−33 44.2	2.014	2.877	12.0	17.6
4 11	14 9.73	−33 51.9	1.939	2.862	9.5	17.4
4 21	13 59.61	−33 35.9	1.888	2.846	7.5	17.3
5 1	13 49.11	−32 56.9	1.864	2.830	7.2	17.2
5 11	13 39.45	−31 59.2	1.867	2.813	8.8	17.3
5 21	13 31.60	−30 49.9	1.894	2.796	11.4	17.4
5 31	13 26.25	−29 37.3	1.944	2.779	14.2	17.6

377918 2006 ET_{21} 4 21.8 139°.97 0°.3/22.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.49	−14 30.1	1.980	2.844	12.0	21.5
4 1	14 15.63	−14 7.7	1.911	2.849	8.5	21.3
4 11	14 8.04	−13 35.8	1.868	2.853	4.6	21.0
4 21	13 59.48	−12 57.2	1.852	2.857	0.5	20.7
5 1	13 50.89	−12 16.5	1.865	2.861	3.8	21.0
5 11	13 43.20	−11 38.7	1.904	2.864	7.7	21.2
5 21	13 37.13	−11 8.2	1.969	2.868	11.3	21.5
5 31	13 33.14	−10 48.2	2.056	2.871	14.3	21.7

428787 2008 SC_{280} 4 21.8 128°.57 1°.5/20.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 21.31	− 9 16.0	2.015	2.889	11.4	21.6
4 1	14 15.42	− 8 45.8	1.951	2.895	7.9	21.4
4 11	14 7.90	− 8 10.5	1.913	2.901	4.2	21.2
4 21	13 59.48	− 7 33.9	1.903	2.906	1.5	21.0
5 1	13 51.06	− 7 0.6	1.921	2.912	4.5	21.2
5 11	13 43.52	− 6 34.9	1.967	2.917	8.2	21.5
5 21	13 37.53	− 6 19.7	2.037	2.921	11.6	21.7
5 31	13 33.56	− 6 17.0	2.128	2.926	14.4	21.9

41753 2000 VH_{30} 4 21.8 147°.19 3°.6/18.9 18

3 22	14 23.79	− 4 37.2	1.836	2.715	12.1	19.0
4 1	14 17.20	− 3 40.3	1.781	2.725	8.5	18.8
4 11	14 8.84	− 2 41.5	1.751	2.735	5.0	18.6
4 21	13 59.55	− 1 46.8	1.748	2.743	3.7	18.6
5 1	13 50.32	− 1 2.0	1.774	2.751	6.4	18.7
5 11	13 42.13	− 0 31.7	1.826	2.759	9.9	19.0
5 21	13 35.70	− 0 18.3	1.902	2.765	13.2	19.2
5 31	13 31.47	− 0 22.0	1.998	2.771	16.0	19.4

52553 1997 CA_{16} 4 21.8 134°.15 2°.7/24.1 18

3 22	14 22.47	−21 10.7	2.029	2.871	12.7	19.5
4 1	14 16.36	−21 6.6	1.958	2.878	9.5	19.3
4 11	14 8.45	−20 48.1	1.912	2.884	5.9	19.1
4 21	13 59.52	−20 16.8	1.892	2.890	2.9	18.9
5 1	13 50.55	−19 36.1	1.901	2.896	3.9	19.0
5 11	13 42.51	−18 51.3	1.937	2.901	7.3	19.2
5 21	13 36.13	−18 7.9	1.999	2.906	10.7	19.4
5 31	13 31.91	−17 30.8	2.083	2.911	13.6	19.6

68954 2002 RB_{3} 4 21.8 206°.00 0°.4/22.1 18

3 22	14 23.82	−14 44.8	2.015	2.874	12.0	19.9
4 1	14 17.34	−14 25.3	1.935	2.869	8.6	19.7
4 11	14 9.01	−13 55.6	1.880	2.864	4.7	19.5
4 21	13 59.57	−13 18.6	1.853	2.858	0.6	19.1
5 1	13 50.00	−12 38.4	1.855	2.851	3.8	19.4
5 11	13 41.27	−12 0.1	1.885	2.843	7.9	19.6
5 21	13 34.18	−11 28.4	1.940	2.835	11.6	19.8
5 31	13 29.27	−11 6.9	2.017	2.827	14.7	20.0

498955 2009 BR_{87} 4 21.8 71°.32 4°.6/17.4 17

3 22	14 18.97	− 0 36.1	2.014	2.899	10.9	21.4
4 1	14 13.72	+ 0 24.4	1.963	2.907	7.8	21.2
4 11	14 6.96	+ 1 22.8	1.937	2.915	5.3	21.1
4 21	13 59.42	+ 2 13.6	1.938	2.923	4.8	21.1
5 1	13 51.93	+ 2 51.6	1.967	2.931	7.0	21.2
5 11	13 45.31	+ 3 13.2	2.022	2.940	9.9	21.4
5 21	13 40.16	+ 3 17.2	2.099	2.948	12.7	21.6
5 31	13 36.89	+ 3 3.9	2.197	2.956	15.1	21.8

457708 2009 FO_{14} 4 21.8 339°.56 0°.1/21.7 17

3 22	14 20.27	−13 12.1	1.169	2.062	16.3	20.7
4 1	14 15.79	−12 58.4	1.101	2.052	11.7	20.4
4 11	14 8.55	−12 31.7	1.054	2.043	6.3	20.1
4 21	13 59.56	−11 56.3	1.029	2.034	0.5	19.6
5 1	13 50.29	−11 18.6	1.029	2.027	5.5	19.9
5 11	13 42.29	−10 46.7	1.051	2.020	11.2	20.2
5 21	13 36.74	−10 26.9	1.094	2.015	16.3	20.5
5 31	13 34.34	−10 23.5	1.154	2.010	20.5	20.7

382443 1999 XV_{112} 4 21.8 185°.21 5°.0/27.3 17

3 22	14 23.96	−31 38.9	2.819	3.593	11.3	22.0
4 1	14 17.18	−31 52.6	2.731	3.593	9.2	21.9
4 11	14 8.84	−31 49.9	2.666	3.593	7.1	21.7
4 21	13 59.57	−31 30.3	2.629	3.591	5.4	21.6
5 1	13 50.18	−30 55.1	2.620	3.589	5.2	21.6
5 11	13 41.49	−30 7.9	2.640	3.586	6.6	21.7
5 21	13 34.16	−29 13.7	2.687	3.583	8.7	21.8
5 31	13 28.69	−28 18.0	2.759	3.579	10.9	22.0

954 Li 4 21.8 276°.64 0°.4/21.4 18

3 22	14 18.56	−12 41.1	2.342	3.209	10.3	15.0
4 1	14 13.49	−12 10.6	2.253	3.193	7.3	14.8
4 11	14 6.91	−11 32.3	2.190	3.176	3.9	14.5
4 21	13 59.43	−10 49.1	2.155	3.159	0.4	14.2
5 1	13 51.78	−10 5.3	2.149	3.143	3.6	14.4
5 11	13 44.76	− 9 25.2	2.170	3.126	7.2	14.6
5 21	13 39.01	− 8 52.7	2.218	3.109	10.5	14.8
5 31	13 35.02	− 8 30.8	2.287	3.092	13.3	15.0

69232 1978 UJ_{4} 4 21.8 224°.05 1°.1/22.7 16

3 22	14 23.41	−17 44.3	1.981	2.834	12.5	20.8
4 1	14 17.15	−17 10.0	1.893	2.823	9.1	20.5
4 11	14 8.96	−16 21.6	1.830	2.811	5.2	20.3
4 21	13 59.59	−15 21.9	1.794	2.798	1.3	20.0
5 1	13 50.02	−14 16.0	1.787	2.784	3.8	20.1
5 11	13 41.30	−13 10.4	1.809	2.770	8.0	20.4
5 21	13 34.23	−12 11.2	1.856	2.754	11.8	20.6
5 31	13 29.40	−11 23.6	1.925	2.738	15.1	20.7

507858 2014 HM_{147} 4 21.8 4°.76 0°.1/21.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 18.17	−14 27.9	2.281	3.145	10.6	21.5
4 1	14 13.16	−13 58.3	2.208	3.145	7.5	21.3
4 11	14 6.70	−13 20.0	2.161	3.146	4.1	21.0
4 21	13 59.42	−12 36.0	2.141	3.146	0.4	20.7
5 1	13 52.10	−11 50.4	2.150	3.146	3.4	21.0
5 11	13 45.51	−11 7.8	2.187	3.146	6.9	21.2
5 21	13 40.24	−10 32.2	2.249	3.146	10.1	21.4
5 31	13 36.74	−10 6.6	2.334	3.147	12.8	21.6

148371 2000 SU_{129} 4 21.8 183°.03 6°.3/30.7 18

3 22	14 22.08	−40 10.6	3.271	3.983	11.1	20.6
4 1	14 15.79	−40 19.5	3.180	3.984	9.6	20.4
4 11	14 8.06	−40 10.1	3.111	3.983	8.0	20.3
4 21	13 59.53	−39 41.6	3.067	3.983	6.8	20.2
5 1	13 50.93	−38 54.9	3.049	3.982	6.3	20.2
5 11	13 43.02	−37 53.3	3.059	3.980	6.8	20.2
5 21	13 36.40	−36 41.6	3.096	3.978	8.1	20.3
5 31	13 31.52	−35 25.2	3.158	3.975	9.7	20.4

379478 2010 DE_{86} 4 21.8 281°.33 3°.2/19.0 17

3 22	14 19.86	− 6 4.2	1.765	2.650	12.1	20.6
4 1	14 14.65	− 5 6.0	1.697	2.646	8.5	20.3
4 11	14 7.60	− 4 3.7	1.654	2.641	4.8	20.1
4 21	13 59.50	− 3 3.1	1.638	2.636	3.4	20.0
5 1	13 51.32	− 2 10.9	1.649	2.631	6.3	20.2
5 11	13 44.05	− 1 32.7	1.686	2.626	10.1	20.4
5 21	13 38.46	− 1 11.6	1.746	2.621	13.7	20.6
5 31	13 35.06	− 1 8.9	1.826	2.616	16.7	20.8

294316 2007 VC_{50} 4 21.8 303°.61 3°.3/23.9 17

3 22	14 22.04	−20 43.3	1.353	2.218	16.4	20.7
4 1	14 17.00	−20 43.4	1.271	2.203	12.4	20.4
4 11	14 9.22	−20 23.7	1.210	2.187	7.8	20.1
4 21	13 59.64	−19 45.0	1.173	2.172	3.7	19.8
5 1	13 49.64	−18 51.8	1.160	2.158	5.2	19.8
5 11	13 40.75	−17 52.2	1.172	2.143	10.1	20.0
5 21	13 34.18	−16 55.4	1.206	2.129	14.9	20.3
5 31	13 30.71	−16 9.3	1.259	2.115	19.1	20.5

430113 2013 TJ_{9} 4 21.8 221°.87 5°.2/25.6 17

3 22	14 26.30	−26 47.2	2.053	2.866	13.6	21.1
4 1	14 19.36	−27 24.6	1.966	2.860	10.8	20.9
4 11	14 10.23	−27 45.4	1.904	2.853	7.9	20.7
4 21	13 59.72	−27 48.1	1.867	2.847	5.6	20.6
5 1	13 48.90	−27 33.4	1.858	2.840	5.7	20.6
5 11	13 38.93	−27 5.4	1.877	2.832	8.1	20.7
5 21	13 30.75	−26 29.9	1.921	2.825	11.2	20.9
5 31	13 25.02	−25 53.5	1.987	2.817	14.2	21.0

343523 2010 ET_{131} 4 21.8 83°.34 0°.9/22.5 17

3 22	14 21.45	−15 42.5	2.008	2.869	12.0	21.2
4 1	14 15.62	−15 34.4	1.940	2.875	8.6	21.0
4 11	14 8.06	−15 16.4	1.897	2.880	4.8	20.8
4 21	13 59.54	−14 50.8	1.881	2.885	1.1	20.5
5 1	13 50.98	−14 21.2	1.893	2.890	3.6	20.7
5 11	13 43.30	−13 52.3	1.933	2.895	7.4	21.0
5 21	13 37.21	−13 28.2	1.998	2.901	10.9	21.2
5 31	13 33.21	−13 12.5	2.085	2.906	13.9	21.4

182865 2002 CV_{180} 4 21.8 146°.14 1°.9/23.9 18

3 22	14 20.03	−20 26.6	2.736	3.572	10.0	21.5
4 1	14 14.28	−20 18.8	2.662	3.579	7.4	21.3
4 11	14 7.24	−20 0.4	2.614	3.586	4.6	21.2
4 21	13 59.48	−19 33.0	2.595	3.593	2.2	21.0
5 1	13 51.70	−18 59.1	2.605	3.600	3.0	21.1
5 11	13 44.58	−18 22.4	2.644	3.606	5.7	21.3
5 21	13 38.66	−17 46.8	2.710	3.612	8.4	21.4
5 31	13 34.36	−17 15.8	2.800	3.617	10.8	21.6

85588 1998 FA_{15} 4 21.8 210°.82 6°.9/27.9 18

3 22	14 25.60	−33 38.9	2.229	3.003	13.9	18.8
4 1	14 18.83	−34 12.6	2.140	2.998	11.6	18.6
4 11	14 9.93	−34 25.8	2.074	2.992	9.2	18.5
4 21	13 59.70	−34 16.6	2.032	2.986	7.4	18.4
5 1	13 49.19	−33 45.3	2.017	2.979	7.0	18.3
5 11	13 39.55	−32 56.3	2.029	2.972	8.5	18.4
5 21	13 31.67	−31 56.1	2.067	2.964	10.8	18.5
5 31	13 26.19	−30 52.2	2.127	2.956	13.4	18.7

182516 2001 SK_{293} 4 21.8 228°.53 1°.5/18.9 18

3 22	14 11.88	− 5 23.6	4.448	5.320	5.7	20.9
4 1	14 8.22	− 4 46.3	4.374	5.317	3.9	20.8
4 11	14 3.90	− 4 8.0	4.329	5.314	2.2	20.7
4 21	13 59.23	− 3 30.8	4.314	5.310	1.6	20.6
5 1	13 54.53	− 2 56.9	4.329	5.307	2.9	20.7
5 11	13 50.16	− 2 28.1	4.373	5.304	4.7	20.8
5 21	13 46.39	− 2 5.9	4.444	5.300	6.4	20.9
5 31	13 43.47	− 1 51.4	4.538	5.297	7.9	21.1

236907 2007 TR_{67} 4 21.8 155°.06 2°.3/19.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 18.10	− 7 58.7	2.267	3.144	10.2	20.5
4 1	14 13.04	− 6 46.3	2.203	3.148	7.0	20.3
4 11	14 6.61	− 5 28.8	2.165	3.151	3.9	20.1
4 21	13 59.43	− 4 11.7	2.156	3.155	2.4	20.0
5 1	13 52.27	− 3 0.7	2.176	3.158	5.0	20.2
5 11	13 45.85	− 2 0.8	2.224	3.160	8.2	20.4
5 21	13 40.75	− 1 15.6	2.297	3.163	11.2	20.6
5 31	13 37.36	− 0 46.6	2.391	3.165	13.7	20.8

176307 2001 SK_{164} 4 21.8 113°.13 0°.3/21.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 18.53	−14 19.2	2.677	3.535	9.4	20.5
4 1	14 13.11	−13 21.6	2.619	3.555	6.6	20.3
4 11	14 6.55	−12 16.3	2.589	3.574	3.5	20.2
4 21	13 59.43	−11 7.1	2.588	3.592	0.3	19.9
5 1	13 52.40	− 9 58.5	2.617	3.611	3.1	20.2
5 11	13 46.07	− 8 55.1	2.676	3.628	6.2	20.4
5 21	13 40.94	− 8 0.5	2.761	3.646	8.9	20.6
5 31	13 37.32	− 7 17.2	2.870	3.662	11.2	20.8

499548 2010 RU_{125} 4 21.8 259°.47 1°.2/20.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 23.98	−10 51.8	1.748	2.622	12.9	22.3
4 1	14 17.83	−10 19.1	1.658	2.601	9.1	22.0
4 11	14 9.47	− 9 37.5	1.592	2.580	4.9	21.7
4 21	13 59.69	− 8 51.0	1.554	2.558	1.2	21.4
5 1	13 49.55	− 8 5.1	1.543	2.535	5.1	21.6
5 11	13 40.24	− 7 26.0	1.559	2.512	9.7	21.8
5 21	13 32.72	− 6 58.8	1.598	2.488	13.9	22.0
5 31	13 27.67	− 6 46.7	1.658	2.464	17.5	22.2

426518 2013 RM_{46} 4 21.8 266°.79 4°.5/24.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 24.46	−23 51.6	1.743	2.581	14.6	21.6
4 1	14 18.27	−24 15.5	1.660	2.572	11.3	21.4
4 11	14 9.74	−24 22.0	1.599	2.563	7.7	21.1
4 21	13 59.70	−24 10.6	1.564	2.554	4.8	20.9
5 1	13 49.36	−23 43.2	1.555	2.546	5.3	20.9
5 11	13 39.97	−23 5.2	1.573	2.537	8.7	21.1
5 21	13 32.55	−22 23.4	1.615	2.528	12.4	21.3
5 31	13 27.79	−21 44.7	1.677	2.519	15.8	21.5

506896 2008 CM_{22} 4 21.8 61°.46 7°.8/30.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.93	−37 53.5	2.193	2.948	14.7	20.7
4 1	14 16.13	−38 14.0	2.124	2.961	12.5	20.5
4 11	14 8.40	−38 10.4	2.076	2.974	10.3	20.4
4 21	13 59.60	−37 41.6	2.051	2.988	8.4	20.3
5 1	13 50.78	−36 49.3	2.051	3.001	7.8	20.3
5 11	13 42.99	−35 38.9	2.077	3.015	8.6	20.4
5 21	13 37.02	−34 17.7	2.128	3.028	10.5	20.5
5 31	13 33.36	−32 53.7	2.202	3.042	12.6	20.7

310280 2011 UN_{62} 4 21.8 253°.55 0°.1/21.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 24.01	−14 57.4	1.608	2.477	14.0	21.7
4 1	14 18.02	−14 15.8	1.518	2.458	10.1	21.4
4 11	14 9.64	−13 19.3	1.453	2.438	5.5	21.1
4 21	13 59.71	−12 11.8	1.413	2.418	0.4	20.7
5 1	13 49.43	−10 59.9	1.401	2.397	4.8	20.9
5 11	13 40.07	− 9 52.0	1.416	2.375	9.9	21.2
5 21	13 32.68	− 8 55.2	1.454	2.353	14.4	21.4
5 31	13 27.98	− 8 15.1	1.511	2.330	18.4	21.6

15694 1985 RR_{3} 4 21.8 260°.63 3°.3/18.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 17.71	− 4 38.2	2.217	3.100	10.1	17.7
4 1	14 12.87	− 3 29.7	2.145	3.091	7.2	17.5
4 11	14 6.59	− 2 18.4	2.098	3.082	4.3	17.3
4 21	13 59.46	− 1 9.6	2.080	3.073	3.5	17.3
5 1	13 52.27	− 0 9.1	2.090	3.064	5.9	17.4
5 11	13 45.76	+ 0 38.4	2.127	3.054	9.0	17.6
5 21	13 40.56	+ 1 10.0	2.188	3.045	12.0	17.7
5 31	13 37.12	+ 1 24.3	2.269	3.036	14.5	17.9

181117 2005 QH_{98} 4 21.8 230°.17 4°.6/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 22.75	−29 9.8	2.838	3.627	10.9	20.8
4 1	14 16.42	−29 33.2	2.741	3.616	8.8	20.7
4 11	14 8.51	−29 42.4	2.668	3.605	6.6	20.5
4 21	13 59.63	−29 36.7	2.623	3.593	4.9	20.4
5 1	13 50.51	−29 17.0	2.606	3.581	4.8	20.4
5 11	13 41.98	−28 46.3	2.618	3.568	6.4	20.4
5 21	13 34.70	−28 8.7	2.657	3.555	8.7	20.6
5 31	13 29.19	−27 29.3	2.720	3.541	11.0	20.7

384011 2008 UG_{65} 4 21.8 248°.58 1°.6/23.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.77	−18 25.4	2.186	3.036	11.6	21.8
4 1	14 15.93	−18 12.3	2.094	3.021	8.5	21.6
4 11	14 8.32	−17 47.1	2.027	3.005	5.1	21.3
4 21	13 59.61	−17 11.6	1.988	2.990	1.8	21.1
5 1	13 50.69	−16 29.1	1.977	2.974	3.5	21.2
5 11	13 42.47	−15 44.5	1.994	2.957	7.2	21.4
5 21	13 35.71	−15 2.9	2.037	2.940	10.7	21.6
5 31	13 30.98	−14 28.8	2.103	2.923	13.8	21.7

310267 2011 UX_{41} 4 21.8 203°.49 0°.4/22.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 18.22	−15 39.6	2.759	3.613	9.3	21.6
4 1	14 13.03	−15 5.5	2.677	3.609	6.7	21.4
4 11	14 6.60	−14 22.9	2.622	3.605	3.6	21.2
4 21	13 59.47	−13 34.3	2.595	3.600	0.5	21.0
5 1	13 52.29	−12 43.4	2.599	3.595	2.9	21.2
5 11	13 45.70	−11 54.3	2.632	3.590	6.0	21.3
5 21	13 40.22	−11 10.5	2.691	3.584	8.8	21.5
5 31	13 36.26	−10 35.3	2.775	3.578	11.3	21.7

9430 Erichthonios 4 21.8 300°.68 0°.2/22.2 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 12.72	−14 29.1	4.287	5.141	6.3	18.5
4 1	14 8.86	−14 11.0	4.205	5.137	4.4	18.4
4 11	14 4.28	−13 48.4	4.151	5.134	2.4	18.2
4 21	13 59.29	−13 22.8	4.125	5.130	0.3	18.0
5 1	13 54.27	−12 56.0	4.130	5.126	1.9	18.2
5 11	13 49.59	−12 30.1	4.165	5.123	4.0	18.3
5 21	13 45.56	−12 7.0	4.227	5.119	5.9	18.4
5 31	13 42.45	−11 48.4	4.314	5.115	7.6	18.6

353853 2012 VV_{78} 4 21.8 69°.67 4°.2/18.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.35	+ 0 3.6	2.121	3.000	10.7	20.5
4 1	14 15.34	+ 0 32.1	2.068	3.009	7.7	20.3
4 11	14 7.84	+ 0 57.4	2.040	3.018	5.0	20.2
4 21	13 59.57	+ 1 15.4	2.040	3.028	4.3	20.1
5 1	13 51.35	+ 1 22.5	2.069	3.037	6.3	20.3
5 11	13 43.99	+ 1 16.3	2.123	3.047	9.2	20.5
5 21	13 38.11	+ 0 56.3	2.202	3.056	12.0	20.7
5 31	13 34.12	+ 0 23.0	2.302	3.066	14.4	20.9

430733 2004 GS_{41} 4 21.8 318°.95 4°.2/18.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 22.97	− 0 18.7	1.912	2.792	11.6	20.0
4 1	14 16.81	− 0 6.9	1.838	2.780	8.4	19.8
4 11	14 8.79	+ 0 1.5	1.788	2.768	5.4	19.6
4 21	13 59.65	+ 0 2.4	1.766	2.757	4.3	19.5
5 1	13 50.37	− 0 7.9	1.771	2.746	6.6	19.6
5 11	13 41.92	− 0 31.5	1.803	2.736	10.0	19.8
5 21	13 35.09	− 1 9.1	1.859	2.725	13.3	20.0
5 31	13 30.44	− 2 0.1	1.935	2.715	16.2	20.2

284365 2006 SP_{153} 4 21.8 187°.17 4°.2/17.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.79	+ 0 40.0	2.435	3.312	9.6	20.5
4 1	14 14.17	+ 1 24.6	2.372	3.311	7.0	20.3
4 11	14 7.22	+ 2 6.7	2.336	3.311	4.8	20.2
4 21	13 59.53	+ 2 41.9	2.327	3.310	4.4	20.1
5 1	13 51.83	+ 3 6.3	2.348	3.309	6.2	20.2
5 11	13 44.82	+ 3 17.2	2.395	3.307	8.8	20.4
5 21	13 39.07	+ 3 13.5	2.466	3.306	11.4	20.6
5 31	13 34.98	+ 2 55.3	2.559	3.304	13.6	20.7

297439 2000 SX_{174} 4 21.8 203°.16 2°.4/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.31	−22 58.0	2.875	3.700	9.8	21.4
4 1	14 13.82	−22 44.3	2.788	3.695	7.5	21.2
4 11	14 7.04	−22 18.8	2.725	3.691	4.9	21.0
4 21	13 59.52	−21 42.5	2.692	3.686	2.7	20.9
5 1	13 51.91	−20 58.1	2.687	3.680	3.1	20.9
5 11	13 44.90	−20 9.4	2.712	3.674	5.6	21.0
5 21	13 39.02	−19 20.6	2.764	3.668	8.2	21.2
5 31	13 34.71	−18 35.7	2.841	3.661	10.6	21.4

427491 2002 AW_{185} 4 21.8 49°.94 0°.5/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 24.44	−14 23.7	1.401	2.277	15.3	21.0
4 1	14 17.97	−14 14.2	1.363	2.305	10.8	20.8
4 11	14 9.35	−13 53.3	1.347	2.333	5.8	20.5
4 21	13 59.69	−13 24.7	1.357	2.362	0.8	20.3
5 1	13 50.31	−12 53.9	1.393	2.391	4.5	20.6
5 11	13 42.40	−12 26.9	1.455	2.420	9.1	20.9
5 21	13 36.73	−12 8.3	1.540	2.449	13.1	21.2
5 31	13 33.72	−12 1.3	1.644	2.479	16.4	21.5

6941 Dalgarno 4 21.8 119°.07 3°.3/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.17	−26 5.3	2.245	3.064	12.4	17.4
4 1	14 15.27	−25 28.2	2.177	3.079	9.5	17.3
4 11	14 7.82	−24 33.3	2.133	3.094	6.4	17.1
4 21	13 59.58	−23 22.8	2.117	3.108	3.7	16.9
5 1	13 51.42	−22 1.4	2.130	3.122	3.9	17.0
5 11	13 44.19	−20 35.7	2.172	3.136	6.6	17.2
5 21	13 38.51	−19 12.3	2.240	3.149	9.6	17.4
5 31	13 34.79	−17 56.9	2.332	3.161	12.3	17.6

160953 2002 AA_{116} 4 21.8 249°.91 1°.8/20.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 24.40	− 9 55.3	1.762	2.636	12.7	20.6
4 1	14 18.11	− 9 10.8	1.673	2.616	9.0	20.3
4 11	14 9.63	− 8 17.5	1.608	2.596	4.8	20.0
4 21	13 59.75	− 7 20.1	1.571	2.574	1.8	19.8
5 1	13 49.53	− 6 24.8	1.562	2.552	5.4	19.9
5 11	13 40.16	− 5 38.3	1.579	2.528	9.9	20.2
5 21	13 32.56	− 5 5.5	1.621	2.504	14.1	20.3
5 31	13 27.42	− 4 49.7	1.682	2.479	17.7	20.5

10292 1986 *PM* 4 21.8 316.°50 5.°1/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 21.13	−23 34.9	1.222	2.086	17.9	16.8
4 1	14 16.70	−23 51.2	1.140	2.067	13.9	16.5
4 11	14 9.25	−23 44.1	1.077	2.049	9.4	16.1
4 21	13 59.73	−23 12.3	1.037	2.032	5.6	15.9
5 1	13 49.66	−22 19.2	1.020	2.015	6.3	15.8
5 11	13 40.76	−21 13.4	1.025	1.999	10.8	16.0
5 21	13 34.40	−20 5.6	1.052	1.983	15.8	16.3
5 31	13 31.47	−19 6.2	1.096	1.968	20.3	16.5

170845 2004 FK_{65} 4 21.8 37.°34 1.°7/20.5 18

3 22	14 19.25	− 9 39.0	1.691	2.575	12.6	19.4
4 1	14 14.15	− 9 0.6	1.642	2.590	8.8	19.2
4 11	14 7.30	− 8 16.2	1.617	2.606	4.6	19.0
4 21	13 59.55	− 7 30.8	1.618	2.621	1.7	18.9
5 1	13 51.89	− 6 50.1	1.647	2.638	5.0	19.1
5 11	13 45.28	− 6 19.1	1.701	2.655	9.0	19.4
5 21	13 40.41	− 6 1.0	1.778	2.672	12.5	19.6
5 31	13 37.70	− 5 57.6	1.876	2.690	15.5	19.9

299814 2006 SC_{134} 4 21.8 224.°28 3.°6/17.6 18

3 22	14 17.58	− 2 52.5	2.435	3.315	9.4	20.9
4 1	14 12.67	− 1 42.0	2.365	3.309	6.7	20.7
4 11	14 6.44	− 0 30.3	2.322	3.303	4.3	20.5
4 21	13 59.49	+ 0 37.5	2.309	3.297	3.8	20.5
5 1	13 52.48	+ 1 36.1	2.323	3.290	5.9	20.6
5 11	13 46.11	+ 2 21.5	2.365	3.284	8.7	20.7
5 21	13 40.95	+ 2 51.1	2.432	3.277	11.3	20.9
5 31	13 37.39	+ 3 4.2	2.519	3.270	13.6	21.1

293784 2007 RY_{126} 4 21.8 214.°52 0.°3/22.1 17

3 22	14 20.45	−14 41.8	2.086	2.949	11.5	21.1
4 1	14 14.92	−14 21.1	2.011	2.948	8.2	20.8
4 11	14 7.73	−13 51.0	1.962	2.947	4.5	20.6
4 21	13 59.59	−13 14.3	1.941	2.945	0.6	20.3
5 1	13 51.37	−12 35.1	1.947	2.944	3.6	20.5
5 11	13 43.95	−11 58.2	1.982	2.942	7.4	20.8
5 21	13 38.03	−11 27.8	2.041	2.941	10.9	21.0
5 31	13 34.10	−11 7.3	2.123	2.939	13.8	21.2

95042 2002 AH_{31} 4 21.8 50.°34 6.°8/17.8 18

3 22	14 23.84	+ 0 19.5	1.144	2.044	16.0	18.4
4 1	14 17.79	+ 1 23.0	1.112	2.063	11.6	18.2
4 11	14 9.32	+ 2 20.4	1.103	2.083	7.9	18.1
4 21	13 59.71	+ 3 2.6	1.117	2.104	7.1	18.1
5 1	13 50.41	+ 3 22.8	1.154	2.125	9.9	18.3
5 11	13 42.76	+ 3 17.8	1.214	2.146	13.8	18.6
5 21	13 37.59	+ 2 48.7	1.293	2.167	17.5	18.9
5 31	13 35.30	+ 1 58.6	1.389	2.189	20.6	19.1

370115 2001 UQ_{71} 4 21.8 155.°28 1.°5/20.5 17

3 22	14 22.46	− 9 24.2	2.219	3.088	10.7	22.7
4 1	14 16.14	− 8 46.7	2.155	3.096	7.5	22.5
4 11	14 8.29	− 8 4.2	2.117	3.104	3.9	22.3
4 21	13 59.64	− 7 20.3	2.108	3.111	1.5	22.1
5 1	13 51.00	− 6 39.7	2.128	3.117	4.3	22.3
5 11	13 43.19	− 6 6.4	2.177	3.123	7.8	22.5
5 21	13 36.85	− 5 43.6	2.251	3.128	10.9	22.7
5 31	13 32.40	− 5 33.1	2.346	3.133	13.6	22.9

89414 2001 WT_{21} 4 21.8 113.°23 4.°9/16.9 18

3 22	14 19.50	+ 2 31.6	2.326	3.204	9.9	19.6
4 1	14 13.96	+ 3 22.8	2.275	3.212	7.3	19.5
4 11	14 7.09	+ 4 9.8	2.250	3.221	5.3	19.3
4 21	13 59.54	+ 4 47.7	2.253	3.229	5.1	19.3
5 1	13 52.04	+ 5 12.5	2.284	3.237	6.9	19.5
5 11	13 45.31	+ 5 21.7	2.341	3.245	9.4	19.6
5 21	13 39.88	+ 5 14.8	2.421	3.252	11.8	19.8
5 31	13 36.16	+ 4 52.4	2.522	3.260	13.9	20.0

141353 2002 AD_{28} 4 21.8 74.°05 1.°6/23.4 18

3 22	14 20.36	−18 28.7	2.240	3.090	11.3	19.9
4 1	14 14.69	−18 19.8	2.178	3.105	8.3	19.7
4 11	14 7.54	−18 0.0	2.141	3.119	4.9	19.5
4 21	13 59.58	−17 31.2	2.132	3.134	1.8	19.3
5 1	13 51.65	−16 56.9	2.151	3.148	3.3	19.5
5 11	13 44.56	−16 21.4	2.199	3.163	6.6	19.7
5 21	13 38.91	−15 49.0	2.272	3.177	9.7	19.9
5 31	13 35.14	−15 23.3	2.368	3.191	12.4	20.1

329371 2001 UJ_{229} 4 21.8 179.°08 3.°4/18.8 17

3 22	14 21.84	− 4 30.2	1.977	2.856	11.3	21.4
4 1	14 15.87	− 3 37.9	1.913	2.858	8.0	21.2
4 11	14 8.22	− 2 43.7	1.874	2.858	4.7	20.9
4 21	13 59.64	− 1 52.9	1.864	2.859	3.5	20.9
5 1	13 51.04	− 1 11.0	1.881	2.859	6.1	21.0
5 11	13 43.32	− 0 42.3	1.926	2.858	9.5	21.2
5 21	13 37.17	− 0 29.3	1.994	2.857	12.7	21.4
5 31	13 33.06	− 0 32.6	2.082	2.856	15.4	21.6

442517 2011 WM_{83} 4 21.8 265.°32 2.°3/19.5 16

	h m	° ′			°	m
3 22	14 19.14	− 5 56.7	2.464	3.339	9.5	21.9
4 1	14 13.84	− 5 21.3	2.379	3.323	6.7	21.7
4 11	14 7.12	− 4 43.2	2.321	3.306	3.8	21.5
4 21	13 59.56	− 4 6.1	2.291	3.289	2.4	21.3
5 1	13 51.86	− 3 34.0	2.290	3.272	4.7	21.5
5 11	13 44.74	− 3 10.4	2.316	3.254	7.8	21.6
5 21	13 38.82	− 2 57.9	2.368	3.237	10.8	21.8
5 31	13 34.56	− 2 58.0	2.442	3.219	13.3	22.0

17171 1999 NB_{38} 4 21.8 277.°14 5.°8/ 2.6 18 R

3 22	14 17.70	−44 42.5	4.474	5.137	8.9	17.9
4 1	14 12.59	−45 7.7	4.377	5.131	7.9	17.8
4 11	14 6.38	−45 19.0	4.301	5.124	7.0	17.7
4 21	13 59.50	−45 15.3	4.249	5.118	6.2	17.7
5 1	13 52.50	−44 56.8	4.223	5.112	5.8	17.6
5 11	13 45.95	−44 25.4	4.222	5.106	6.0	17.6
5 21	13 40.30	−43 43.6	4.246	5.099	6.7	17.7
5 31	13 35.96	−42 54.8	4.295	5.093	7.7	17.7

352433 2008 AV_{13} 4 21.8 151.°09 4.°1/17.3 18

3 22	14 18.28	− 0 17.2	2.415	3.294	9.5	21.0
4 1	14 13.11	+ 0 42.4	2.357	3.298	6.9	20.9
4 11	14 6.67	+ 1 40.3	2.325	3.301	4.7	20.7
4 21	13 59.53	+ 2 31.8	2.322	3.305	4.3	20.7
5 1	13 52.41	+ 3 12.4	2.347	3.308	6.2	20.8
5 11	13 45.98	+ 3 38.7	2.399	3.311	8.8	21.0
5 21	13 40.78	+ 3 49.5	2.475	3.313	11.4	21.2
5 31	13 37.20	+ 3 44.5	2.571	3.316	13.5	21.3

97913 2000 QW_{88} 4 21.8 216.°14 4.°3/24.9 16

3 22	14 25.55	−24 25.5	1.739	2.572	14.8	20.4
4 1	14 19.03	−24 31.5	1.656	2.567	11.5	20.1
4 11	14 10.16	−24 18.2	1.596	2.560	7.8	19.9
4 21	13 59.82	−23 45.6	1.561	2.553	4.7	19.7
5 1	13 49.23	−22 56.8	1.554	2.546	5.1	19.7
5 11	13 39.66	−21 58.4	1.573	2.538	8.6	19.9
5 21	13 32.11	−20 58.0	1.617	2.529	12.5	20.1
5 31	13 27.26	−20 3.3	1.682	2.520	15.9	20.3

80271 1999 XY_{29} 4 21.8 283.°91 5.°7/17.6 18

3 22	14 22.09	− 0 41.3	1.526	2.417	13.4	19.2
4 1	14 16.58	+ 0 21.1	1.455	2.402	9.8	19.0
4 11	14 8.84	+ 1 22.9	1.407	2.387	6.6	18.7
4 21	13 59.72	+ 2 16.5	1.385	2.372	5.9	18.7
5 1	13 50.38	+ 2 54.3	1.389	2.357	8.8	18.8
5 11	13 42.04	+ 3 10.9	1.416	2.343	12.7	19.0
5 21	13 35.64	+ 3 4.3	1.465	2.328	16.5	19.1
5 31	13 31.82	+ 2 35.2	1.531	2.313	19.7	19.3

83174 2001 QJ_{285} 4 21.8 175.°59 4.°5/17.1 18

3 22	14 20.02	+ 2 12.8	2.507	3.381	9.4	19.7
4 1	14 14.31	+ 2 59.2	2.447	3.383	7.0	19.5
4 11	14 7.29	+ 3 42.0	2.414	3.384	5.0	19.4
4 21	13 59.59	+ 4 16.8	2.409	3.385	4.7	19.4
5 1	13 51.88	+ 4 40.0	2.432	3.386	6.5	19.5
5 11	13 44.87	+ 4 48.9	2.482	3.386	8.9	19.6
5 21	13 39.08	+ 4 42.8	2.557	3.386	11.3	19.8
5 31	13 34.92	+ 4 22.2	2.652	3.386	13.4	19.9

170390 2003 SK_{298} 4 21.8 158.°68 0.°3/22.1 16

3 22	14 24.41	−14 51.6	1.892	2.754	12.6	21.3
4 1	14 17.78	−14 24.0	1.825	2.760	9.0	21.1
4 11	14 9.28	−13 45.8	1.782	2.767	4.9	20.9
4 21	13 59.75	−13 0.1	1.768	2.772	0.5	20.6
5 1	13 50.20	−12 12.0	1.781	2.777	3.9	20.8
5 11	13 41.65	−11 27.1	1.823	2.781	8.1	21.1
5 21	13 34.86	−10 50.3	1.889	2.785	11.8	21.3
5 31	13 30.34	−10 25.2	1.977	2.788	14.9	21.5

356850 2011 WM_{14} 4 21.8 215.°62 4.°0/17.2 18

3 22	14 20.14	+ 2 48.8	2.984	3.852	8.3	20.9
4 1	14 14.27	+ 3 22.9	2.911	3.844	6.2	20.7
4 11	14 7.26	+ 3 53.5	2.866	3.835	4.4	20.6
4 21	13 59.60	+ 4 17.3	2.850	3.825	4.2	20.6
5 1	13 51.89	+ 4 31.3	2.863	3.816	5.7	20.6
5 11	13 44.72	+ 4 33.4	2.905	3.805	7.9	20.8
5 21	13 38.58	+ 4 22.9	2.971	3.794	10.1	20.9
5 31	13 33.85	+ 3 59.9	3.059	3.783	12.0	21.0

54649 2000 SE_{310} 4 21.8 278.°20 5.°4/ 2.4 18

3 22	14 16.05	−43 27.5	4.580	5.256	8.6	19.4
4 1	14 11.38	−43 39.2	4.480	5.247	7.6	19.3
4 11	14 5.71	−43 37.3	4.402	5.239	6.6	19.2
4 21	13 59.47	−43 21.2	4.348	5.231	5.8	19.1
5 1	13 53.16	−42 51.3	4.319	5.222	5.4	19.1
5 11	13 47.28	−42 9.5	4.317	5.214	5.6	19.1
5 21	13 42.25	−41 18.6	4.341	5.206	6.3	19.2
5 31	13 38.44	−40 22.0	4.389	5.197	7.4	19.2

340470 2006 HW_{34} 4 21.8 263°.30 1°.5/20.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 22.27	− 8 38.7	2.106	2.978	11.0	20.6
4 1	14 16.28	− 8 21.8	2.021	2.963	7.8	20.3
4 11	14 8.53	− 8 0.6	1.962	2.948	4.2	20.1
4 21	13 59.71	− 7 38.1	1.930	2.933	1.5	19.9
5 1	13 50.69	− 7 18.2	1.928	2.918	4.5	20.0
5 11	13 42.38	− 7 4.7	1.953	2.903	8.3	20.2
5 21	13 35.54	− 7 0.5	2.003	2.887	11.8	20.4
5 31	13 30.72	− 7 7.6	2.074	2.871	14.8	20.6

483019 2014 WB_{116} 4 21.9 161°.40 1°.4/20.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 25.41	− 9 21.9	1.896	2.766	12.2	21.6
4 1	14 18.46	− 8 58.8	1.830	2.772	8.5	21.4
4 11	14 9.65	− 8 30.2	1.790	2.777	4.5	21.2
4 21	13 59.81	− 8 0.0	1.778	2.782	1.4	21.0
5 1	13 49.95	− 7 32.5	1.795	2.786	4.7	21.2
5 11	13 41.07	− 7 12.1	1.839	2.789	8.7	21.4
5 21	13 33.96	− 7 2.0	1.908	2.792	12.3	21.7
5 31	13 29.10	− 7 4.2	1.998	2.794	15.3	21.9

385535 2004 RL_{24} 4 21.9 314°.65 14°.8/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 37.13	−34 24.8	1.105	1.913	23.1	20.3
4 1	14 29.48	−37 11.8	1.036	1.908	20.0	20.1
4 11	14 16.91	−39 33.5	0.986	1.902	17.1	19.9
4 21	14 0.46	−41 15.1	0.956	1.897	15.1	19.7
5 1	13 42.49	−42 6.4	0.948	1.892	15.1	19.7
5 11	13 26.06	−42 9.3	0.959	1.888	17.0	19.8
5 21	13 13.65	−41 36.0	0.990	1.883	20.0	20.0
5 31	13 6.67	−40 43.9	1.036	1.880	23.2	20.1

388699 2007 VZ_{33} 4 21.9 80°.77 3°.4/25.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.98	−24 28.4	2.144	2.975	12.5	21.1
4 1	14 14.64	−24 17.4	2.070	2.979	9.6	20.9
4 11	14 7.62	−23 50.0	2.019	2.983	6.4	20.7
4 21	13 59.65	−23 7.7	1.995	2.987	3.8	20.5
5 1	13 51.64	−22 13.8	1.999	2.991	4.1	20.6
5 11	13 44.47	−21 14.0	2.030	2.995	6.9	20.7
5 21	13 38.85	−20 14.3	2.087	3.000	10.1	20.9
5 31	13 35.25	−19 20.1	2.167	3.004	12.9	21.1

214553 2006 PL_{16} 4 21.9 203°.69 4°.3/17.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 22.78	− 1 25.8	2.133	3.009	10.7	21.2
4 1	14 16.49	− 0 22.9	2.063	3.004	7.8	21.0
4 11	14 8.58	+ 0 39.9	2.020	2.998	5.1	20.8
4 21	13 59.73	+ 1 37.0	2.004	2.991	4.5	20.8
5 1	13 50.81	+ 2 22.8	2.018	2.983	6.8	20.9
5 11	13 42.69	+ 2 53.2	2.059	2.975	9.9	21.1
5 21	13 36.04	+ 3 6.3	2.123	2.965	12.8	21.3
5 31	13 31.35	+ 3 1.6	2.208	2.955	15.4	21.4

313429 2002 QZ_{81} 4 21.9 297°.15 4°.7/25.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 22.51	−24 26.4	1.499	2.346	16.1	20.4
4 1	14 17.21	−24 34.0	1.417	2.334	12.5	20.1
4 11	14 9.34	−24 20.1	1.355	2.322	8.5	19.9
4 21	13 59.82	−23 44.4	1.318	2.311	5.2	19.6
5 1	13 49.95	−22 50.4	1.306	2.299	5.6	19.6
5 11	13 41.15	−21 45.6	1.319	2.288	9.4	19.8
5 21	13 34.55	−20 39.1	1.356	2.277	13.7	20.0
5 31	13 30.87	−19 39.5	1.412	2.267	17.5	20.2

336999 2012 LH 4 21.9 48°.93 7°.1/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 20.97	−34 45.1	1.016	1.849	23.0	19.9
4 1	14 16.66	−33 23.6	0.953	1.855	18.6	19.6
4 11	14 9.10	−31 9.8	0.907	1.862	13.5	19.3
4 21	13 59.78	−28 6.8	0.882	1.868	8.7	19.1
5 1	13 50.63	−24 28.9	0.881	1.875	7.4	19.0
5 11	13 43.44	−20 40.4	0.905	1.883	11.1	19.2
5 21	13 39.29	−17 5.9	0.952	1.890	16.2	19.6
5 31	13 38.64	−14 3.3	1.019	1.898	20.9	19.9

502137 2015 BA_{25} 4 21.9 133°.72 1°.9/23.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.90	−19 21.1	1.978	2.828	12.6	21.6
4 1	14 16.02	−19 3.6	1.908	2.834	9.3	21.4
4 11	14 8.37	−18 32.4	1.863	2.840	5.5	21.2
4 21	13 59.73	−17 49.9	1.844	2.846	2.1	20.9
5 1	13 51.05	−17 0.3	1.854	2.851	3.7	21.1
5 11	13 43.30	−16 9.4	1.892	2.856	7.4	21.3
5 21	13 37.21	−15 22.5	1.954	2.861	10.9	21.5
5 31	13 33.26	−14 44.5	2.039	2.866	13.9	21.7

72398 2001 CJ_{22} 4 21.9 195°.25 3°.5/18.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 20.80	− 3 54.4	2.007	2.888	11.1	19.6
4 1	14 15.16	− 3 6.0	1.942	2.887	7.9	19.4
4 11	14 7.89	− 2 16.5	1.903	2.886	4.7	19.2
4 21	13 59.70	− 1 30.8	1.891	2.885	3.6	19.1
5 1	13 51.47	− 0 54.1	1.907	2.884	6.1	19.3
5 11	13 44.08	− 0 30.5	1.950	2.882	9.4	19.5
5 21	13 38.21	− 0 22.3	2.016	2.880	12.6	19.7
5 31	13 34.31	− 0 29.9	2.103	2.878	15.3	19.9

219713 2001 XG_{72} 4 21.9 218°.50 0°.5/21.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 21.77	−12 52.2	1.997	2.865	11.8	20.9
4 1	14 15.96	−12 16.2	1.919	2.859	8.3	20.7
4 11	14 8.37	−11 31.0	1.866	2.852	4.4	20.4
4 21	13 59.74	−10 40.3	1.841	2.845	0.5	20.1
5 1	13 50.99	− 9 49.1	1.844	2.838	4.1	20.4
5 11	13 43.07	− 9 2.9	1.874	2.830	8.1	20.6
5 21	13 36.71	− 8 26.4	1.930	2.822	11.8	20.8
5 31	13 32.45	− 8 2.6	2.007	2.813	14.9	21.0

16357 Risanpei 4 21.9 169°.17 1°.7/20.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 23.42	−10 39.0	1.832	2.705	12.4	19.5
4 1	14 17.12	− 9 38.2	1.766	2.709	8.7	19.3
4 11	14 8.96	− 8 29.0	1.726	2.713	4.6	19.0
4 21	13 59.79	− 7 16.8	1.714	2.717	1.7	18.9
5 1	13 50.62	− 6 8.5	1.730	2.719	5.1	19.1
5 11	13 42.44	− 5 10.5	1.773	2.721	9.1	19.3
5 21	13 36.02	− 4 27.2	1.841	2.722	12.8	19.6
5 31	13 31.83	− 4 1.1	1.930	2.722	15.9	19.8

347085 2010 GD_{102} 4 21.9 322°.51 4°.6/18.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.11	+ 0 9.0	1.960	2.842	11.3	20.6
4 1	14 15.43	+ 0 43.2	1.895	2.837	8.2	20.4
4 11	14 8.05	+ 1 14.4	1.855	2.833	5.4	20.2
4 21	13 59.72	+ 1 37.8	1.842	2.828	4.8	20.2
5 1	13 51.33	+ 1 49.1	1.856	2.824	7.0	20.3
5 11	13 43.78	+ 1 45.2	1.896	2.820	10.1	20.5
5 21	13 37.78	+ 1 25.4	1.960	2.817	13.2	20.7
5 31	13 33.81	+ 0 50.0	2.043	2.813	15.8	20.9

507939 2015 AQ_{192} 4 21.9 292°.98 1°.7/23.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 22.31	−17 34.6	1.627	2.492	14.1	21.0
4 1	14 16.90	−17 29.0	1.537	2.472	10.4	20.8
4 11	14 9.14	−17 9.1	1.470	2.452	6.1	20.5
4 21	13 59.83	−16 36.7	1.429	2.431	2.0	20.1
5 1	13 50.12	−15 55.7	1.414	2.411	4.4	20.2
5 11	13 41.28	−15 12.5	1.424	2.391	9.1	20.5
5 21	13 34.35	−14 33.7	1.459	2.371	13.5	20.7
5 31	13 30.07	−14 5.1	1.513	2.351	17.4	20.9

317911 2003 UO_{278} 4 21.9 182°.78 1°.4/23.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.16	−18 8.3	2.255	3.105	11.3	21.5
4 1	14 15.38	−17 50.4	2.178	3.105	8.2	21.3
4 11	14 8.00	−17 21.1	2.127	3.105	4.8	21.1
4 21	13 59.73	−16 42.6	2.103	3.105	1.6	20.9
5 1	13 51.38	−15 58.5	2.108	3.104	3.3	21.0
5 11	13 43.79	−15 13.7	2.141	3.103	6.8	21.2
5 21	13 37.65	−14 32.8	2.200	3.102	10.1	21.4
5 31	13 33.41	−13 59.8	2.282	3.101	12.9	21.6

519599 2012 TF_{329} 4 21.9 317°.86 1°.7/23.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.53	−17 52.9	1.994	2.850	12.3	21.6
4 1	14 15.83	−17 50.3	1.919	2.849	9.0	21.4
4 11	14 8.32	−17 36.1	1.868	2.847	5.3	21.2
4 21	13 59.76	−17 11.9	1.844	2.846	1.9	20.9
5 1	13 51.07	−16 41.2	1.848	2.845	3.6	21.0
5 11	13 43.23	−16 8.7	1.880	2.844	7.4	21.3
5 21	13 37.00	−15 39.2	1.936	2.843	11.0	21.5
5 31	13 32.91	−15 16.9	2.014	2.842	14.0	21.7

172783 2004 EL_{80} 4 21.9 236°.92 4°.1/17.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 20.48	− 0 13.4	2.256	3.135	10.2	19.9
4 1	14 14.82	+ 0 25.9	2.188	3.129	7.4	19.7
4 11	14 7.68	+ 1 3.1	2.146	3.124	4.9	19.5
4 21	13 59.70	+ 1 33.9	2.132	3.119	4.3	19.5
5 1	13 51.67	+ 1 54.1	2.146	3.113	6.3	19.6
5 11	13 44.36	+ 2 0.7	2.187	3.107	9.2	19.8
5 21	13 38.39	+ 1 52.6	2.252	3.101	12.0	19.9
5 31	13 34.22	+ 1 29.7	2.338	3.095	14.4	20.1

430654 2003 SJ_{293} 4 21.9 229°.47 1°.4/20.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.08	−11 38.5	2.221	3.091	10.6	21.0
4 1	14 13.91	−10 28.5	2.140	3.082	7.4	20.7
4 11	14 7.23	− 9 9.3	2.086	3.073	3.9	20.5
4 21	13 59.67	− 7 46.0	2.060	3.063	1.4	20.3
5 1	13 52.02	− 6 24.7	2.064	3.053	4.4	20.5
5 11	13 45.09	− 5 11.4	2.096	3.043	8.0	20.7
5 21	13 39.51	− 4 10.9	2.154	3.032	11.3	20.9
5 31	13 35.75	− 3 26.3	2.233	3.021	14.1	21.0

346790 2009 BJ_{146} 4 21.9 143°.64 4°.0/25.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.60	−25 57.9	2.316	3.133	12.1	21.2
4 1	14 15.74	−26 4.9	2.238	3.137	9.5	21.1
4 11	14 8.23	−25 56.3	2.185	3.140	6.6	20.9
4 21	13 59.75	−25 32.4	2.158	3.144	4.4	20.7
5 1	13 51.19	−24 55.7	2.160	3.147	4.4	20.8
5 11	13 43.42	−24 10.6	2.189	3.150	6.8	20.9
5 21	13 37.14	−23 22.5	2.244	3.153	9.6	21.1
5 31	13 32.85	−22 36.8	2.322	3.155	12.3	21.3

95247 Schalansky 4 21.9 335°.96 6°.7/27.0 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 23.53	−30 54.6	2.129	2.925	13.8	18.9
4 1	14 17.49	−31 46.6	2.045	2.918	11.4	18.7
4 11	14 9.35	−32 20.6	1.983	2.913	8.9	18.5
4 21	13 59.85	−32 34.3	1.946	2.907	7.0	18.4
5 1	13 50.03	−32 27.8	1.935	2.902	6.8	18.4
5 11	13 41.01	−32 4.6	1.950	2.897	8.5	18.4
5 21	13 33.70	−31 30.2	1.990	2.893	11.0	18.6
5 31	13 28.75	−30 51.3	2.053	2.889	13.5	18.7

69759 1998 OT_{10} 4 21.9 161°.53 1°.7/23.4 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.31	−18 56.9	2.100	2.950	12.0	19.2
4 1	14 15.57	−18 40.8	2.026	2.952	8.8	19.0
4 11	14 8.14	−18 12.2	1.977	2.955	5.2	18.8
4 21	13 59.75	−17 33.0	1.955	2.956	2.0	18.5
5 1	13 51.29	−16 47.2	1.961	2.958	3.5	18.7
5 11	13 43.67	−16 0.1	1.996	2.960	7.1	18.9
5 21	13 37.60	−15 16.7	2.056	2.961	10.5	19.1
5 31	13 33.56	−14 41.4	2.138	2.962	13.5	19.3

175535 2006 SR_{142} 4 21.9 306°.89 1°.9/20.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.15	−10 3.0	1.354	2.244	14.7	20.7
4 1	14 16.29	− 9 25.5	1.274	2.225	10.5	20.4
4 11	14 8.89	− 8 38.0	1.217	2.206	5.6	20.1
4 21	13 59.82	− 7 46.0	1.184	2.188	1.9	19.8
5 1	13 50.39	− 6 56.9	1.177	2.170	6.1	20.0
5 11	13 41.98	− 6 18.4	1.193	2.152	11.4	20.2
5 21	13 35.72	− 5 56.2	1.231	2.134	16.2	20.5
5 31	13 32.34	− 5 53.6	1.286	2.118	20.2	20.7

387600 2001 XO_{245} 4 21.9 96°.54 5°.6/17.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 23.19	+ 6 7.5	2.325	3.193	10.3	20.7
4 1	14 16.53	+ 6 34.1	2.278	3.206	7.9	20.6
4 11	14 8.49	+ 6 53.0	2.256	3.218	6.0	20.5
4 21	13 59.77	+ 7 0.3	2.263	3.230	5.8	20.5
5 1	13 51.16	+ 6 53.3	2.298	3.243	7.4	20.6
5 11	13 43.40	+ 6 30.6	2.359	3.255	9.7	20.8
5 21	13 37.06	+ 5 53.1	2.445	3.266	12.0	20.9
5 31	13 32.54	+ 5 2.1	2.551	3.278	14.0	21.1

91510 1999 RA_{162} 4 21.9 130°.05 1°.8/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 20.68	− 8 38.8	2.463	3.332	9.8	21.0
4 1	14 14.74	− 7 42.3	2.408	3.349	6.8	20.8
4 11	14 7.53	− 6 41.5	2.380	3.366	3.6	20.7
4 21	13 59.70	− 5 40.9	2.381	3.382	1.9	20.6
5 1	13 51.94	− 4 45.1	2.412	3.397	4.3	20.7
5 11	13 44.96	− 3 58.2	2.472	3.412	7.3	21.0
5 21	13 39.27	− 3 23.0	2.558	3.425	10.1	21.2
5 31	13 35.24	− 3 1.1	2.666	3.439	12.4	21.4

433458 2013 UC_{12} 4 21.9 183°.85 0°.8/21.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 24.29	−10 5.2	2.440	3.300	10.2	22.1
4 1	14 17.44	− 9 53.8	2.364	3.301	7.1	21.9
4 11	14 9.07	− 9 37.9	2.315	3.301	3.8	21.7
4 21	13 59.83	− 9 19.8	2.296	3.300	0.8	21.4
5 1	13 50.52	− 9 2.5	2.307	3.299	3.7	21.7
5 11	13 41.94	− 8 49.4	2.347	3.296	7.1	21.9
5 21	13 34.73	− 8 42.9	2.413	3.294	10.2	22.1
5 31	13 29.34	− 8 45.0	2.503	3.290	12.8	22.2

66818 1999 UT_{16} 4 21.9 208°.23 1°.2/23.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 20.23	−18 13.1	1.965	2.822	12.4	19.4
4 1	14 14.91	−17 41.0	1.890	2.821	9.0	19.1
4 11	14 7.83	−16 55.2	1.839	2.819	5.2	18.9
4 21	13 59.74	−15 58.9	1.815	2.818	1.5	18.6
5 1	13 51.58	−14 57.0	1.819	2.817	3.6	18.8
5 11	13 44.29	−13 55.7	1.851	2.815	7.6	19.0
5 21	13 38.59	−13 0.9	1.908	2.814	11.2	19.2
5 31	13 35.00	−12 17.0	1.987	2.812	14.3	19.4

126755 2002 DH_{7} 4 21.9 193°.66 0°.1/21.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 25.28	−12 18.6	2.224	3.082	11.1	20.4
4 1	14 18.30	−12 17.7	2.145	3.080	7.9	20.2
4 11	14 9.60	−12 10.4	2.093	3.078	4.2	19.9
4 21	13 59.89	−11 58.8	2.070	3.075	0.3	19.6
5 1	13 50.06	−11 45.6	2.076	3.071	3.6	19.9
5 11	13 41.00	−11 34.4	2.112	3.067	7.4	20.1
5 21	13 33.46	−11 28.2	2.173	3.063	10.7	20.3
5 31	13 27.95	−11 29.8	2.257	3.057	13.6	20.5

160714 2000 QO_{103} 4 21.9 180°.63 2°.5/19.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 23.89	− 7 51.3	1.847	2.723	12.2	20.4
4 1	14 17.47	− 6 58.3	1.780	2.724	8.5	20.2
4 11	14 9.19	− 5 59.9	1.739	2.725	4.6	20.0
4 21	13 59.85	− 5 1.5	1.725	2.725	2.5	19.8
5 1	13 50.49	− 4 9.1	1.740	2.725	5.6	20.0
5 11	13 42.08	− 3 28.1	1.781	2.724	9.5	20.3
5 21	13 35.42	− 3 2.2	1.847	2.722	13.1	20.5
5 31	13 30.99	− 2 53.0	1.933	2.719	16.1	20.7

120846 1998 KM_{67} 4 21.9 327°.00 5°.9/17.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 19.66	− 0 5.0	1.470	2.366	13.4	19.4
4 1	14 14.95	+ 0 50.9	1.401	2.350	9.9	19.1
4 11	14 8.03	+ 1 45.0	1.355	2.335	6.7	18.9
4 21	13 59.77	+ 2 29.7	1.333	2.320	6.2	18.8
5 1	13 51.30	+ 2 57.7	1.337	2.307	8.9	18.9
5 11	13 43.82	+ 3 4.0	1.364	2.293	12.8	19.1
5 21	13 38.26	+ 2 47.2	1.411	2.281	16.6	19.3
5 31	13 35.24	+ 2 8.1	1.476	2.270	19.8	19.5

504629 2008 VG_{15} 4 21.9 165°.40 0°.5/21.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.83	−11 55.6	2.096	2.963	11.3	21.9
4 1	14 15.89	−11 35.1	2.026	2.965	8.0	21.7
4 11	14 8.30	−11 7.7	1.981	2.967	4.2	21.4
4 21	13 59.78	−10 36.4	1.964	2.969	0.5	21.1
5 1	13 51.21	−10 5.1	1.976	2.970	3.9	21.4
5 11	13 43.46	− 9 38.3	2.016	2.972	7.6	21.6
5 21	13 37.23	− 9 19.3	2.081	2.973	11.0	21.8
5 31	13 32.98	− 9 10.8	2.167	2.973	13.9	22.0

172544 2003 UX_{52} 4 21.9 235°.86 4°.0/24.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 26.41	−23 16.6	1.857	2.690	14.1	20.1
4 1	14 19.66	−23 32.1	1.766	2.677	10.8	19.9
4 11	14 10.58	−23 31.1	1.699	2.664	7.3	19.6
4 21	13 59.98	−23 13.1	1.658	2.650	4.3	19.4
5 1	13 49.03	−22 40.2	1.644	2.636	4.9	19.4
5 11	13 38.95	−21 57.7	1.658	2.621	8.4	19.6
5 21	13 30.76	−21 12.2	1.697	2.605	12.2	19.8
5 31	13 25.17	−20 30.6	1.758	2.589	15.6	19.9

308064 2004 TJ_{155} 4 21.9 338°.40 0°.4/22.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 24.75	−12 53.2	1.187	2.074	16.6	20.0
4 1	14 19.07	−13 5.6	1.120	2.068	12.0	19.7
4 11	14 10.45	−13 7.8	1.074	2.062	6.6	19.4
4 21	13 59.98	−13 2.0	1.052	2.056	0.8	19.0
5 1	13 49.19	−12 52.7	1.054	2.052	5.4	19.3
5 11	13 39.75	−12 45.7	1.079	2.048	11.0	19.6
5 21	13 32.88	−12 46.4	1.125	2.044	16.1	19.9
5 31	13 29.33	−12 58.8	1.190	2.041	20.3	20.1

302067 2000 WW_{46} 4 21.9 239°.75 1°.5/23.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 18.42	−20 34.7	2.833	3.669	9.6	21.3
4 1	14 13.27	−19 54.5	2.736	3.655	7.1	21.1
4 11	14 6.85	−19 2.2	2.665	3.639	4.3	20.9
4 21	13 59.67	−17 59.8	2.623	3.624	1.7	20.7
5 1	13 52.39	−16 51.1	2.611	3.607	2.8	20.8
5 11	13 45.66	−15 40.7	2.629	3.591	5.7	20.9
5 21	13 40.04	−14 33.4	2.674	3.574	8.6	21.1
5 31	13 35.95	−13 33.3	2.744	3.556	11.1	21.2

178745 2000 UF_{35} 4 21.9 164°.43 0°.0/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 20.68	−12 57.5	2.560	3.420	9.8	20.2
4 1	14 14.86	−12 47.9	2.487	3.422	6.9	20.1
4 11	14 7.68	−12 32.2	2.440	3.425	3.7	19.9
4 21	13 59.74	−12 12.4	2.422	3.427	0.3	19.6
5 1	13 51.75	−11 51.3	2.433	3.429	3.1	19.8
5 11	13 44.42	−11 32.4	2.473	3.430	6.4	20.0
5 21	13 38.32	−11 18.4	2.540	3.432	9.3	20.2
5 31	13 33.89	−11 11.6	2.630	3.433	11.8	20.4

470238 2006 WJ_{192} 4 21.9 172°.25 1°.1/20.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 18.77	− 9 44.7	2.916	3.780	8.5	22.6
4 1	14 13.36	− 9 11.7	2.844	3.783	6.0	22.4
4 11	14 6.82	− 8 34.6	2.800	3.786	3.1	22.2
4 21	13 59.67	− 7 56.2	2.785	3.788	1.1	22.1
5 1	13 52.50	− 7 19.7	2.800	3.790	3.3	22.3
5 11	13 45.90	− 6 48.4	2.845	3.791	6.2	22.4
5 21	13 40.36	− 6 24.6	2.916	3.792	8.7	22.6
5 31	13 36.23	− 6 10.3	3.010	3.792	11.0	22.8

283533 2001 TR_{194} 4 21.9 112°.92 2°.9/25.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 20.28	−24 11.0	2.519	3.343	11.1	21.0
4 1	14 14.60	−23 55.8	2.451	3.357	8.4	20.9
4 11	14 7.53	−23 26.5	2.408	3.371	5.6	20.7
4 21	13 59.73	−22 44.8	2.392	3.384	3.2	20.6
5 1	13 51.95	−21 53.9	2.406	3.398	3.5	20.6
5 11	13 44.95	−20 58.4	2.448	3.411	6.0	20.8
5 21	13 39.29	−20 3.4	2.516	3.423	8.8	21.0
5 31	13 35.38	−19 13.3	2.609	3.436	11.2	21.2

324647 2007 CE_{11} 4 21.9 282°.01 8°.7/13.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 20.02	+ 7 39.2	1.682	2.566	12.7	20.1
4 1	14 14.91	+ 9 18.6	1.627	2.558	10.2	20.0
4 11	14 7.88	+10 49.4	1.595	2.549	8.7	19.8
4 21	13 59.76	+12 2.4	1.589	2.541	9.2	19.8
5 1	13 51.57	+12 50.2	1.608	2.532	11.4	20.0
5 11	13 44.34	+13 9.0	1.649	2.524	14.2	20.1
5 21	13 38.85	+12 59.1	1.710	2.515	17.0	20.3
5 31	13 35.63	+12 22.9	1.787	2.507	19.4	20.4

228100 2008 SM_{148} 4 21.9 230°.77 6°.8/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 24.23	−33 26.8	2.195	2.974	14.0	20.3
4 1	14 17.95	−33 51.4	2.104	2.965	11.7	20.1
4 11	14 9.59	−33 55.0	2.035	2.956	9.2	19.9
4 21	13 59.92	−33 35.9	1.990	2.947	7.3	19.8
5 1	13 49.98	−32 55.1	1.972	2.938	6.9	19.7
5 11	13 40.88	−31 57.0	1.981	2.928	8.4	19.8
5 21	13 33.52	−30 48.5	2.015	2.917	10.8	19.9
5 31	13 28.53	−29 37.3	2.071	2.907	13.5	20.1

345873 2007 QM_{11} 4 21.9 270°.20 0°.6/21.4 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.17	−12 37.4	2.252	3.116	10.7	22.3
4 1	14 15.56	−12 1.5	2.150	3.089	7.6	22.1
4 11	14 8.24	−11 16.7	2.075	3.061	4.1	21.8
4 21	13 59.82	−10 26.0	2.027	3.032	0.6	21.5
5 1	13 51.11	− 9 34.0	2.009	3.003	3.9	21.7
5 11	13 42.99	− 8 45.7	2.019	2.973	7.8	21.8
5 21	13 36.20	− 8 5.8	2.055	2.943	11.4	22.0
5 31	13 31.32	− 7 37.8	2.113	2.912	14.5	22.2

347751 2002 AN_{142} 4 21.9 185°.53 2°.9/25.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.78	−24 26.4	2.732	3.551	10.4	21.9
4 1	14 14.26	−24 15.4	2.648	3.551	8.0	21.7
4 11	14 7.39	−23 51.3	2.590	3.550	5.4	21.6
4 21	13 59.74	−23 15.0	2.559	3.550	3.2	21.4
5 1	13 52.02	−22 29.2	2.557	3.548	3.5	21.4
5 11	13 44.95	−21 38.0	2.585	3.547	5.8	21.6
5 21	13 39.10	−20 45.9	2.639	3.545	8.5	21.7
5 31	13 34.89	−19 57.4	2.718	3.543	10.9	21.9

410299 2007 TC_{337} 4 21.9 132°.34 0°.3/21.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 25.05	−13 14.8	1.773	2.639	13.1	22.3
4 1	14 18.31	−12 47.1	1.713	2.652	9.2	22.1
4 11	14 9.63	−12 9.8	1.678	2.663	4.9	21.9
4 21	13 59.92	−11 26.9	1.670	2.675	0.4	21.5
5 1	13 50.26	−10 43.4	1.690	2.685	4.3	21.9
5 11	13 41.70	−10 5.1	1.738	2.696	8.5	22.1
5 21	13 35.01	− 9 36.3	1.810	2.705	12.3	22.4
5 31	13 30.68	− 9 20.0	1.904	2.714	15.4	22.6

391692 2008 AQ_{104} 4 21.9 63°.23 1°.9/20.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 20.32	− 8 21.9	2.034	2.911	11.2	21.2
4 1	14 14.66	− 7 41.3	1.991	2.936	7.7	21.0
4 11	14 7.55	− 6 57.0	1.974	2.961	4.1	20.8
4 21	13 59.74	− 6 13.3	1.984	2.986	1.9	20.7
5 1	13 52.09	− 5 35.0	2.023	3.011	4.6	20.9
5 11	13 45.38	− 5 5.9	2.089	3.036	8.0	21.2
5 21	13 40.19	− 4 48.7	2.180	3.061	11.1	21.4
5 31	13 36.88	− 4 44.5	2.292	3.086	13.6	21.6

423009 2003 SZ_{325} 4 21.9 208°.11 1°.5/20.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 23.67	−10 11.8	1.975	2.845	11.8	22.7
4 1	14 17.32	− 9 27.6	1.898	2.839	8.3	22.4
4 11	14 9.14	− 8 35.8	1.846	2.832	4.4	22.2
4 21	13 59.89	− 7 41.1	1.822	2.825	1.5	22.0
5 1	13 50.51	− 6 48.8	1.826	2.816	4.8	22.2
5 11	13 41.97	− 6 4.5	1.859	2.807	8.7	22.4
5 21	13 35.06	− 5 32.2	1.916	2.797	12.4	22.6
5 31	13 30.31	− 5 14.7	1.995	2.786	15.4	22.8

192717 1999 TJ_{133} 4 21.9 109°.35 0°.2/22.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.51	−15 0.5	2.058	2.920	11.7	20.6
4 1	14 15.61	−14 28.4	1.998	2.934	8.3	20.4
4 11	14 8.12	−13 46.6	1.963	2.948	4.5	20.2
4 21	13 59.80	−12 58.4	1.956	2.961	0.5	19.9
5 1	13 51.52	−12 8.5	1.978	2.974	3.6	20.2
5 11	13 44.17	−11 22.3	2.028	2.987	7.4	20.4
5 21	13 38.37	−10 44.0	2.103	2.999	10.7	20.7
5 31	13 34.57	−10 16.7	2.200	3.012	13.5	20.9

31356 1998 TN_{10} 4 21.9 351°.75 0°.5/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 24.08	−11 26.7	1.123	2.016	16.9	18.7
4 1	14 18.62	−11 26.8	1.061	2.012	12.0	18.4
4 11	14 10.21	−11 17.3	1.020	2.009	6.5	18.1
4 21	13 59.98	−11 2.0	1.002	2.007	0.7	17.6
5 1	13 49.53	−10 46.2	1.008	2.005	5.8	18.0
5 11	13 40.52	−10 36.6	1.037	2.004	11.5	18.3
5 21	13 34.14	−10 38.1	1.086	2.004	16.6	18.6
5 31	13 31.11	−10 53.9	1.152	2.005	20.8	18.8

429620 2011 FP_{34} 4 21.9 30°.97 5°.4/16.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 18.02	− 2 35.4	1.625	2.519	12.5	21.1
4 1	14 13.45	− 0 47.2	1.573	2.523	8.9	20.9
4 11	14 7.07	+ 1 2.4	1.546	2.527	6.0	20.7
4 21	13 59.71	+ 2 44.0	1.546	2.531	5.7	20.7
5 1	13 52.39	+ 4 8.7	1.572	2.535	8.5	20.9
5 11	13 46.06	+ 5 10.2	1.622	2.540	11.9	21.1
5 21	13 41.46	+ 5 46.0	1.694	2.545	15.2	21.3
5 31	13 39.03	+ 5 56.3	1.784	2.550	17.9	21.5

32233 Georgehou 4 21.9 197°.75 1°.5/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 18.95	−19 46.9	2.571	3.413	10.3	19.6
4 1	14 13.70	−19 15.8	2.489	3.411	7.6	19.4
4 11	14 7.10	−18 33.1	2.432	3.408	4.5	19.2
4 21	13 59.72	−17 40.8	2.404	3.406	1.7	19.0
5 1	13 52.29	−16 42.7	2.406	3.402	3.0	19.1
5 11	13 45.51	−15 43.6	2.436	3.399	6.1	19.3
5 21	13 39.97	−14 48.0	2.493	3.395	9.0	19.4
5 31	13 36.08	−14 0.0	2.574	3.391	11.7	19.6

4972 Pachelbel 4 21.9 211°.06 0°.3/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 18.75	−12 56.6	2.810	3.670	9.0	19.0
4 1	14 13.45	−12 26.0	2.728	3.664	6.3	18.8
4 11	14 6.93	−11 48.9	2.672	3.658	3.4	18.6
4 21	13 59.71	−11 7.8	2.646	3.651	0.3	18.3
5 1	13 52.41	−10 26.2	2.650	3.644	3.0	18.5
5 11	13 45.68	− 9 47.7	2.682	3.636	6.1	18.7
5 21	13 40.03	− 9 15.4	2.741	3.628	8.9	18.9
5 31	13 35.86	− 8 51.8	2.824	3.620	11.3	19.0

292794 2006 UF_{228} 4 21.9 199°.02 0°.2/21.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 20.61	−12 20.3	2.655	3.515	9.5	21.2
4 1	14 14.81	−12 5.8	2.576	3.512	6.7	21.0
4 11	14 7.67	−11 45.5	2.524	3.509	3.6	20.8
4 21	13 59.77	−11 21.7	2.501	3.505	0.3	20.5
5 1	13 51.79	−10 57.2	2.507	3.502	3.1	20.7
5 11	13 44.43	−10 35.3	2.543	3.497	6.3	20.9
5 21	13 38.25	−10 18.8	2.605	3.493	9.2	21.1
5 31	13 33.68	−10 10.1	2.690	3.488	11.7	21.3

332186 2006 BX_{223} 4 21.9 192°.92 3°.1/24.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 22.23	−22 29.1	1.985	2.824	13.0	20.9
4 1	14 16.40	−22 24.8	1.908	2.824	9.9	20.7
4 11	14 8.68	−22 4.6	1.854	2.823	6.4	20.5
4 21	13 59.86	−21 29.9	1.826	2.822	3.4	20.3
5 1	13 50.91	−20 44.0	1.826	2.821	4.1	20.3
5 11	13 42.86	−19 52.5	1.854	2.819	7.4	20.5
5 21	13 36.48	−19 1.5	1.907	2.818	10.9	20.7
5 31	13 32.33	−18 16.7	1.982	2.816	14.0	20.9

437020 2012 TW_{273} 4 21.9 237°.70 0°.3/21.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 20.71	−12 55.7	2.144	3.010	11.1	21.8
4 1	14 15.15	−12 32.4	2.066	3.005	7.9	21.6
4 11	14 7.96	−12 1.1	2.013	2.999	4.2	21.4
4 21	13 59.80	−11 24.9	1.988	2.993	0.4	21.1
5 1	13 51.53	−10 47.7	1.992	2.987	3.7	21.3
5 11	13 44.02	−10 14.1	2.023	2.980	7.5	21.5
5 21	13 37.94	− 9 48.1	2.080	2.974	10.9	21.7
5 31	13 33.81	− 9 32.6	2.158	2.968	13.9	21.9

278181 2007 DD_{92} 4 21.9 204°.40 0°.9/22.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 22.70	−16 2.0	1.881	2.742	12.7	21.7
4 1	14 16.75	−15 45.5	1.806	2.740	9.1	21.5
4 11	14 8.88	−15 17.6	1.755	2.738	5.1	21.2
4 21	13 59.88	−14 40.9	1.731	2.735	1.1	20.9
5 1	13 50.76	−13 59.6	1.736	2.733	3.8	21.1
5 11	13 42.55	−13 19.3	1.767	2.730	8.0	21.4
5 21	13 36.05	−12 45.1	1.824	2.727	11.8	21.6
5 31	13 31.81	−12 21.1	1.901	2.723	15.0	21.8

422836 2002 DL_{15} 4 21.9 180°.53 10°.8/ 4.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 33.91	−51 27.2	2.761	3.376	14.8	21.8
4 1	14 25.11	−52 32.7	2.675	3.378	13.6	21.7
4 11	14 13.58	−53 13.4	2.608	3.379	12.4	21.6
4 21	14 0.28	−53 24.7	2.561	3.379	11.4	21.5
5 1	13 46.57	−53 4.8	2.537	3.379	10.8	21.4
5 11	13 33.91	−52 16.3	2.536	3.377	11.0	21.4
5 21	13 23.49	−51 5.1	2.558	3.375	11.7	21.5
5 31	13 16.05	−49 39.5	2.602	3.372	12.8	21.6

183163 2002 SU_{22} 4 21.9 193°.61 2°.3/19.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 24.03	− 6 58.7	2.033	2.906	11.4	21.1
4 1	14 17.49	− 6 24.2	1.962	2.904	8.0	20.8
4 11	14 9.21	− 5 46.0	1.916	2.902	4.4	20.6
4 21	13 59.91	− 5 8.4	1.898	2.898	2.3	20.5
5 1	13 50.54	− 4 36.0	1.909	2.895	5.1	20.6
5 11	13 42.03	− 4 13.1	1.948	2.890	8.8	20.9
5 21	13 35.09	− 4 2.5	2.012	2.885	12.2	21.1
5 31	13 30.25	− 4 5.5	2.096	2.880	15.1	21.2

111756 2002 CE_{121} 4 21.9 182°.15 2°.3/24.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.11	−21 35.3	2.404	3.242	11.1	19.9
4 1	14 13.92	−21 18.8	2.325	3.242	8.3	19.8
4 11	14 7.25	−20 49.2	2.271	3.242	5.2	19.6
4 21	13 59.75	−20 8.4	2.244	3.242	2.6	19.4
5 1	13 52.18	−19 19.6	2.246	3.242	3.3	19.4
5 11	13 45.33	−18 27.5	2.277	3.242	6.3	19.6
5 21	13 39.80	−17 37.1	2.333	3.241	9.3	19.8
5 31	13 36.05	−16 52.7	2.413	3.241	12.0	20.0

317142 2001 UR_{147} 4 21.9 296°.86 0°.9/20.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 16.41	− 7 29.4	4.285	5.147	6.1	19.9
4 1	14 11.48	− 7 29.7	4.204	5.142	4.2	19.8
4 11	14 5.77	− 7 28.7	4.152	5.137	2.3	19.6
4 21	13 59.63	− 7 27.8	4.130	5.132	0.9	19.5
5 1	13 53.44	− 7 28.5	4.139	5.127	2.4	19.6
5 11	13 47.60	− 7 32.0	4.178	5.123	4.4	19.7
5 21	13 42.43	− 7 39.5	4.245	5.118	6.3	19.9
5 31	13 38.21	− 7 51.9	4.337	5.113	7.9	20.0

351491 2005 QO_{119} 4 21.9 169°.78 0°.8/20.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 18.69	−11 1.2	2.758	3.623	9.0	21.9
4 1	14 13.38	−10 28.6	2.687	3.626	6.3	21.7
4 11	14 6.88	− 9 50.8	2.642	3.628	3.3	21.5
4 21	13 59.73	− 9 10.7	2.626	3.630	0.8	21.3
5 1	13 52.55	− 8 31.8	2.640	3.632	3.3	21.5
5 11	13 45.97	− 7 57.5	2.683	3.633	6.3	21.7
5 21	13 40.51	− 7 30.7	2.752	3.634	9.0	21.9
5 31	13 36.53	− 7 13.4	2.845	3.635	11.3	22.1

518506 2006 DP_{219} 4 21.9 308°.46 0°.2/21.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.57	−14 16.8	1.848	2.719	12.4	21.5
4 1	14 14.52	−13 33.7	1.775	2.716	8.8	21.3
4 11	14 7.68	−12 39.4	1.727	2.714	4.7	21.1
4 21	13 59.80	−11 38.1	1.706	2.711	0.4	20.7
5 1	13 51.84	−10 35.6	1.713	2.709	4.1	21.0
5 11	13 44.78	− 9 38.3	1.747	2.706	8.3	21.2
5 21	13 39.34	− 8 51.6	1.804	2.704	12.1	21.5
5 31	13 36.04	− 8 19.0	1.883	2.702	15.2	21.7

504723 2009 UG_{55} 4 21.9 169°.58 0°.7/22.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.17	−17 56.7	2.398	3.245	10.8	22.5
4 1	14 15.27	−17 6.0	2.323	3.250	7.8	22.3
4 11	14 7.93	−16 3.4	2.274	3.254	4.4	22.1
4 21	13 59.82	−14 52.2	2.254	3.258	1.0	21.9
5 1	13 51.70	−13 37.3	2.264	3.260	3.1	22.1
5 11	13 44.36	−12 24.4	2.303	3.262	6.6	22.3
5 21	13 38.38	−11 18.6	2.370	3.264	9.8	22.5
5 31	13 34.19	−10 23.9	2.459	3.264	12.5	22.7

336351 2008 TR_{128} 4 21.9 269°.14 0°.5/21.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.49	−12 18.9	1.868	2.740	12.2	20.9
4 1	14 15.91	−11 55.5	1.792	2.733	8.7	20.6
4 11	14 8.45	−11 23.6	1.740	2.727	4.6	20.4
4 21	13 59.87	−10 46.7	1.715	2.720	0.5	20.0
5 1	13 51.14	−10 9.4	1.718	2.713	4.2	20.3
5 11	13 43.28	− 9 36.9	1.748	2.706	8.4	20.6
5 21	13 37.06	− 9 13.4	1.802	2.699	12.2	20.8
5 31	13 33.04	− 9 2.1	1.877	2.692	15.4	21.0

458900 2011 UT_{203} 4 21.9 110°.90 0°.6/21.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 24.66	−13 11.2	1.620	2.491	13.8	21.9
4 1	14 18.10	−12 28.3	1.567	2.508	9.7	21.7
4 11	14 9.54	−11 35.1	1.538	2.525	5.1	21.5
4 21	13 59.95	−10 36.4	1.536	2.541	0.6	21.2
5 1	13 50.48	− 9 38.8	1.561	2.556	4.6	21.5
5 11	13 42.24	− 8 48.9	1.614	2.571	9.1	21.8
5 21	13 36.00	− 8 11.5	1.690	2.585	13.0	22.1
5 31	13 32.22	− 7 49.6	1.786	2.599	16.2	22.3

457452 2008 UL_{154} 4 21.9 242°.36 0°.3/21.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 24.04	−14 42.6	1.599	2.469	14.0	22.1
4 1	14 18.08	−13 53.7	1.514	2.454	10.1	21.8
4 11	14 9.77	−12 49.9	1.453	2.439	5.4	21.5
4 21	13 59.99	−11 35.7	1.418	2.423	0.4	21.1
5 1	13 49.92	−10 18.3	1.411	2.407	4.9	21.4
5 11	13 40.83	− 9 6.1	1.431	2.389	9.8	21.6
5 21	13 33.71	− 8 6.5	1.474	2.372	14.3	21.8
5 31	13 29.25	− 7 24.5	1.536	2.353	18.2	22.0

381486 2008 SE_{71} 4 21.9 229°.16 2°.5/19.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.32	− 8 18.5	2.095	2.972	10.8	21.1
4 1	14 14.16	− 7 1.7	2.019	2.965	7.6	20.8
4 11	14 7.43	− 5 38.2	1.970	2.956	4.2	20.6
4 21	13 59.78	− 4 13.7	1.949	2.948	2.6	20.5
5 1	13 52.05	− 2 54.9	1.957	2.939	5.4	20.6
5 11	13 45.08	− 1 47.8	1.993	2.930	8.9	20.8
5 21	13 39.52	− 0 56.7	2.053	2.921	12.2	21.0
5 31	13 35.86	− 0 23.8	2.134	2.911	15.0	21.2

234977 2002 YX_{25} 4 21.9 126°.42 4°.2/19.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 25.37	− 4 37.3	1.421	2.309	14.4	20.7
4 1	14 18.83	− 3 43.4	1.369	2.317	10.2	20.5
4 11	14 10.03	− 2 47.4	1.340	2.325	5.9	20.2
4 21	14 0.00	− 1 56.4	1.337	2.333	4.3	20.2
5 1	13 50.03	− 1 17.7	1.360	2.340	7.4	20.4
5 11	13 41.38	− 0 56.4	1.407	2.348	11.7	20.6
5 21	13 34.92	− 0 54.8	1.477	2.354	15.6	20.9
5 31	13 31.16	− 1 12.7	1.565	2.360	18.8	21.1

48790 1997 SH_{30} 4 21.9 245°.34 0°.5/22.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 20.28	−15 22.7	2.224	3.084	11.0	20.1
4 1	14 14.85	−14 59.0	2.141	3.075	7.9	19.9
4 11	14 7.81	−14 25.6	2.083	3.066	4.4	19.6
4 21	13 59.82	−13 45.0	2.053	3.057	0.7	19.3
5 1	13 51.69	−13 1.2	2.051	3.048	3.4	19.5
5 11	13 44.27	−12 19.0	2.078	3.038	7.1	19.7
5 21	13 38.25	−11 42.7	2.130	3.029	10.5	19.9
5 31	13 34.11	−11 15.8	2.204	3.019	13.5	20.1

406843 2009 AJ_{37} 4 21.9 28°.33 4°.4/18.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 22.09	− 5 5.5	1.274	2.171	15.0	21.2
4 1	14 16.76	− 4 3.9	1.221	2.174	10.6	21.0
4 11	14 9.01	− 2 58.9	1.190	2.177	6.2	20.7
4 21	13 59.92	− 1 58.8	1.183	2.180	4.6	20.7
5 1	13 50.83	− 1 12.0	1.202	2.184	7.9	20.9
5 11	13 43.06	− 0 44.9	1.243	2.188	12.4	21.1
5 21	13 37.55	− 0 40.0	1.305	2.192	16.6	21.4
5 31	13 34.84	− 0 57.3	1.385	2.197	20.1	21.6

241492 2009 BV_{169} 4 21.9 342°.99 5°.1/17.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.70	+ 1 5.6	2.004	2.888	11.0	20.2
4 1	14 14.42	+ 1 58.6	1.944	2.886	8.1	20.0
4 11	14 7.55	+ 2 48.5	1.910	2.885	5.7	19.9
4 21	13 59.80	+ 3 29.5	1.903	2.884	5.3	19.8
5 1	13 52.03	+ 3 56.8	1.922	2.883	7.4	20.0
5 11	13 45.08	+ 4 7.2	1.967	2.882	10.3	20.1
5 21	13 39.62	+ 3 59.6	2.035	2.881	13.2	20.3
5 31	13 36.09	+ 3 34.6	2.123	2.881	15.7	20.5

459422 2012 RA_{9} 4 21.9 315°.74 5°.7/ 3.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 16.37	−44 12.8	4.276	4.948	9.2	20.7
4 1	14 11.69	−44 16.5	4.181	4.945	8.1	20.6
4 11	14 5.97	−44 5.1	4.107	4.942	7.0	20.6
4 21	13 59.67	−43 38.1	4.056	4.939	6.2	20.5
5 1	13 53.33	−42 56.2	4.032	4.936	5.7	20.5
5 11	13 47.50	−42 1.6	4.034	4.933	5.9	20.5
5 21	13 42.62	−40 57.6	4.062	4.930	6.7	20.5
5 31	13 39.04	−39 48.0	4.115	4.927	7.7	20.6

374493 2005 YJ_{98} 4 21.9 223°.24 0°.7/22.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.83	−16 31.9	2.091	2.948	11.8	22.2
4 1	14 16.03	−15 59.9	2.007	2.940	8.5	21.9
4 11	14 8.48	−15 16.0	1.948	2.931	4.8	21.7
4 21	13 59.89	−14 23.0	1.917	2.921	0.9	21.4
5 1	13 51.15	−13 25.6	1.915	2.911	3.6	21.6
5 11	13 43.19	−12 29.6	1.940	2.901	7.5	21.8
5 21	13 36.76	−11 40.2	1.991	2.890	11.1	22.0
5 31	13 32.38	−11 1.6	2.065	2.879	14.2	22.2

478032 2011 SH_{241} 4 21.9 195°.28 0°.1/21.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.69	−13 55.6	2.446	3.307	10.1	22.0
4 1	14 14.27	−13 33.9	2.370	3.306	7.2	21.8
4 11	14 7.43	−13 4.7	2.320	3.304	3.9	21.6
4 21	13 59.80	−12 30.4	2.298	3.303	0.4	21.3
5 1	13 52.10	−11 54.5	2.305	3.301	3.2	21.5
5 11	13 45.08	−11 21.1	2.341	3.299	6.6	21.7
5 21	13 39.32	−10 53.5	2.403	3.297	9.7	21.9
5 31	13 35.26	−10 34.7	2.488	3.295	12.3	22.1

341582 2007 UJ_{81} 4 21.9 125°.99 1°.7/20.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.61	− 9 4.2	2.269	3.142	10.3	21.2
4 1	14 14.19	− 8 18.4	2.208	3.151	7.2	21.0
4 11	14 7.36	− 7 27.9	2.172	3.159	3.8	20.8
4 21	13 59.79	− 6 36.6	2.165	3.167	1.7	20.7
5 1	13 52.25	− 5 49.3	2.187	3.175	4.3	20.9
5 11	13 45.47	− 5 10.3	2.237	3.183	7.6	21.1
5 21	13 40.04	− 4 42.5	2.312	3.190	10.6	21.3
5 31	13 36.37	− 4 27.7	2.409	3.197	13.2	21.5

501629 2014 SA_{208} 4 21.9 89°.81 3°.8/18.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 22.72	− 4 30.5	1.667	2.552	12.8	21.0
4 1	14 16.63	− 3 30.6	1.622	2.569	9.0	20.8
4 11	14 8.72	− 2 29.5	1.602	2.586	5.3	20.6
4 21	13 59.91	− 1 33.7	1.608	2.603	4.0	20.6
5 1	13 51.24	− 0 49.4	1.642	2.620	6.7	20.8
5 11	13 43.72	− 0 21.1	1.701	2.636	10.3	21.0
5 21	13 38.04	− 0 10.9	1.783	2.652	13.7	21.3
5 31	13 34.63	− 0 18.7	1.884	2.668	16.5	21.5

37221 2000 WA_{142} 4 21.9 147°.69 7°.8/15.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 23.38	+ 9 21.2	1.960	2.830	11.9	18.6
4 1	14 16.97	+10 17.4	1.912	2.834	9.5	18.5
4 11	14 8.89	+11 2.6	1.889	2.838	7.9	18.4
4 21	13 59.93	+11 30.8	1.891	2.842	8.1	18.4
5 1	13 51.04	+11 37.7	1.920	2.845	9.8	18.5
5 11	13 43.11	+11 21.8	1.973	2.849	12.2	18.7
5 21	13 36.84	+10 44.3	2.048	2.852	14.6	18.9
5 31	13 32.64	+ 9 48.0	2.141	2.854	16.8	19.0

158073 2000 UJ_{41} 4 21.9 149°.66 0°.8/22.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 21.35	−17 27.9	2.423	3.271	10.7	20.9
4 1	14 15.37	−16 46.4	2.354	3.282	7.7	20.7
4 11	14 7.99	−15 54.1	2.311	3.291	4.3	20.5
4 21	13 59.86	−14 54.0	2.297	3.301	1.0	20.3
5 1	13 51.76	−13 50.6	2.313	3.309	3.1	20.4
5 11	13 44.45	−12 49.0	2.358	3.317	6.5	20.7
5 21	13 38.50	−11 53.9	2.430	3.324	9.5	20.9
5 31	13 34.31	−11 8.8	2.525	3.331	12.2	21.1

255692 2006 QZ_{61} 4 21.9 256°.65 0°.1/21.9 17

3 22	14 23.31	−14 37.6	1.765	2.632	13.1	21.5
4 1	14 17.44	−14 7.8	1.676	2.614	9.4	21.2
4 11	14 9.41	−13 25.6	1.611	2.596	5.2	20.9
4 21	14 0.00	−12 34.5	1.573	2.578	0.5	20.5
5 1	13 50.28	−11 39.6	1.563	2.559	4.3	20.8
5 11	13 41.41	−10 47.7	1.579	2.540	9.0	21.0
5 21	13 34.32	−10 4.7	1.620	2.520	13.2	21.2
5 31	13 29.66	− 9 35.1	1.682	2.500	16.8	21.4

364423 2006 WJ_{71} 4 21.9 297°.17 1°.9/23.3 17

3 22	14 21.52	−19 0.0	1.549	2.413	14.7	21.0
4 1	14 16.33	−18 38.9	1.472	2.406	10.9	20.7
4 11	14 8.84	−18 0.6	1.417	2.398	6.4	20.4
4 21	13 59.95	−17 7.8	1.387	2.390	2.3	20.2
5 1	13 50.84	−16 5.9	1.384	2.382	4.4	20.3
5 11	13 42.78	−15 2.7	1.406	2.375	9.0	20.5
5 21	13 36.73	−14 6.0	1.452	2.367	13.4	20.8
5 31	13 33.32	−13 21.7	1.518	2.360	17.1	21.0

153618 2001 TP_{19} 4 21.9 145°.50 4°.4/26.2 18

3 22	14 22.45	−27 41.3	1.987	2.804	13.9	19.8
4 1	14 16.55	−27 19.8	1.913	2.810	10.9	19.6
4 11	14 8.76	−26 37.2	1.862	2.817	7.6	19.4
4 21	13 59.93	−25 35.2	1.836	2.822	4.9	19.3
5 1	13 51.09	−24 17.8	1.838	2.828	4.8	19.3
5 11	13 43.26	−22 52.3	1.868	2.833	7.5	19.5
5 21	13 37.19	−21 26.5	1.924	2.837	10.7	19.7
5 31	13 33.38	−20 7.6	2.003	2.841	13.7	19.9

310300 2011 UL_{94} 4 21.9 123°.90 0°.6/22.4 18

3 22	14 24.57	−16 42.2	1.689	2.551	13.8	21.5
4 1	14 18.05	−16 0.6	1.631	2.566	9.9	21.3
4 11	14 9.55	−15 5.1	1.597	2.580	5.5	21.0
4 21	14 0.00	−14 0.0	1.589	2.594	0.9	20.7
5 1	13 50.54	−12 51.9	1.610	2.607	4.1	21.0
5 11	13 42.27	−11 48.0	1.658	2.619	8.5	21.3
5 21	13 35.95	−10 54.3	1.730	2.631	12.4	21.5
5 31	13 32.06	−10 15.0	1.824	2.643	15.6	21.8

425792 2011 CC_{91} 4 21.9 287°.79 1°.7/23.2 17

3 22	14 21.49	−18 24.3	1.732	2.593	13.6	21.7
4 1	14 16.10	−18 7.2	1.655	2.587	10.0	21.5
4 11	14 8.64	−17 35.5	1.601	2.581	5.9	21.2
4 21	13 59.95	−16 51.5	1.573	2.576	2.0	21.0
5 1	13 51.08	−15 59.9	1.573	2.570	4.0	21.1
5 11	13 43.17	−15 7.3	1.598	2.565	8.3	21.3
5 21	13 37.07	−14 20.1	1.648	2.559	12.3	21.6
5 31	13 33.37	−13 43.4	1.719	2.554	15.8	21.8

310051 2010 HN_{82} 4 21.9 258°.13 4°.0/16.8 16

3 22	14 17.43	− 1 21.5	2.549	3.429	9.1	20.8
4 1	14 12.66	− 0 1.8	2.470	3.412	6.6	20.6
4 11	14 6.60	+ 1 18.9	2.418	3.395	4.5	20.5
4 21	13 59.77	+ 2 35.3	2.395	3.378	4.3	20.4
5 1	13 52.83	+ 3 42.0	2.401	3.360	6.3	20.5
5 11	13 46.46	+ 4 34.4	2.435	3.342	8.9	20.7
5 21	13 41.20	+ 5 10.3	2.492	3.324	11.5	20.8
5 31	13 37.48	+ 5 28.6	2.570	3.306	13.8	20.9

124164 2001 OT_{15} 4 21.9 317°.36 5°.3/19.1 16

3 22	14 22.96	− 3 13.3	1.089	1.992	16.4	20.1
4 1	14 18.06	− 2 37.0	1.017	1.973	11.9	19.7
4 11	14 10.10	− 1 59.6	0.967	1.953	7.3	19.4
4 21	14 0.09	− 1 29.0	0.938	1.935	5.4	19.2
5 1	13 49.59	− 1 13.7	0.932	1.917	9.1	19.4
5 11	13 40.32	− 1 20.2	0.948	1.900	14.4	19.6
5 21	13 33.65	− 1 50.6	0.983	1.884	19.5	19.8
5 31	13 30.39	− 2 44.6	1.033	1.869	23.8	20.0

379338 2009 WZ_{83} 4 21.9 250°.61 2°.5/20.1 17

3 22	14 26.46	− 5 11.2	2.055	2.924	11.4	21.6
4 1	14 19.39	− 5 0.2	1.966	2.906	8.1	21.4
4 11	14 10.36	− 4 47.9	1.903	2.888	4.6	21.1
4 21	14 0.10	− 4 37.7	1.869	2.869	2.6	20.9
5 1	13 49.55	− 4 33.2	1.864	2.849	5.3	21.1
5 11	13 39.74	− 4 37.5	1.887	2.828	9.1	21.2
5 21	13 31.50	− 4 52.7	1.935	2.807	12.6	21.4
5 31	13 25.45	− 5 19.9	2.005	2.786	15.7	21.6

111958 2002 GH_{72} 4 21.9 269°.48 0°.8/21.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 25.09	−11 8.5	1.576	2.452	13.9	19.3
4 1	14 18.91	−10 54.2	1.491	2.435	9.9	19.0
4 11	14 10.30	−10 31.6	1.430	2.418	5.3	18.7
4 21	14 0.10	−10 4.1	1.395	2.400	0.9	18.4
5 1	13 49.53	− 9 36.4	1.388	2.382	5.1	18.6
5 11	13 39.90	− 9 14.4	1.406	2.364	10.0	18.9
5 21	13 32.25	− 9 2.8	1.447	2.346	14.5	19.1
5 31	13 27.32	− 9 4.8	1.508	2.328	18.3	19.3

215376 2002 AO_{94} 4 21.9 69°.73 1°.0/20.9 17

3 22	14 19.49	−10 35.1	2.199	3.071	10.6	20.9
4 1	14 14.17	−10 6.2	2.138	3.080	7.4	20.7
4 11	14 7.40	− 9 31.7	2.101	3.088	3.9	20.5
4 21	13 59.85	− 8 55.1	2.093	3.097	1.0	20.3
5 1	13 52.31	− 8 20.4	2.113	3.106	3.9	20.5
5 11	13 45.55	− 7 51.7	2.161	3.114	7.4	20.8
5 21	13 40.18	− 7 32.1	2.234	3.123	10.5	21.0
5 31	13 36.61	− 7 23.5	2.329	3.132	13.2	21.2

179429 2002 AD_{61} 4 21.9 110°.89 6°.8/28.9 18

3 22	14 22.25	−35 18.3	2.422	3.186	13.2	20.2
4 1	14 16.41	−35 46.4	2.339	3.187	11.1	20.1
4 11	14 8.74	−35 54.5	2.279	3.187	9.0	19.9
4 21	13 59.97	−35 41.3	2.243	3.188	7.3	19.8
5 1	13 51.05	−35 7.6	2.233	3.189	6.9	19.8
5 11	13 42.92	−34 17.5	2.250	3.189	7.9	19.8
5 21	13 36.38	−33 16.8	2.291	3.190	9.9	20.0
5 31	13 31.97	−32 12.3	2.356	3.191	12.1	20.1

268975 2007 EK_{42} 4 21.9 315°.86 2°.7/23.7 17

3 22	14 24.07	−19 5.1	1.672	2.528	14.2	20.3
4 1	14 18.07	−19 23.7	1.595	2.523	10.6	20.1
4 11	14 9.78	−19 28.8	1.541	2.517	6.6	19.8
4 21	14 0.07	−19 20.9	1.513	2.512	3.0	19.6
5 1	13 50.11	−19 2.6	1.511	2.507	4.4	19.7
5 11	13 41.12	−18 39.0	1.536	2.503	8.6	19.9
5 21	13 34.10	−18 15.8	1.585	2.498	12.6	20.1
5 31	13 29.69	−17 58.3	1.654	2.494	16.1	20.3

4966 Edolsen 4 21.9 224°.93 2°.7/19.1 18

3 22	14 20.46	− 6 50.9	2.233	3.108	10.4	18.6
4 1	14 14.93	− 5 45.4	2.154	3.098	7.3	18.4
4 11	14 7.87	− 4 34.9	2.102	3.087	4.1	18.1
4 21	13 59.90	− 3 24.7	2.078	3.075	2.8	18.0
5 1	13 51.83	− 2 20.4	2.084	3.063	5.3	18.2
5 11	13 44.45	− 1 27.2	2.117	3.051	8.7	18.3
5 21	13 38.43	− 0 48.7	2.175	3.038	11.8	18.5
5 31	13 34.23	− 0 26.7	2.254	3.024	14.5	18.7

58526 1997 BD_{4} 4 21.9 334°.87 1°.0/22.8 17

3 22	14 19.38	−16 41.1	2.090	2.950	11.6	19.9
4 1	14 14.30	−16 23.9	2.014	2.947	8.4	19.6
4 11	14 7.58	−15 55.9	1.962	2.944	4.8	19.4
4 21	13 59.89	−15 19.4	1.938	2.941	1.2	19.2
5 1	13 52.10	−14 38.5	1.941	2.939	3.4	19.3
5 11	13 45.09	−13 58.1	1.972	2.936	7.2	19.5
5 21	13 39.54	−13 22.7	2.028	2.934	10.6	19.7
5 31	13 35.95	−12 56.2	2.106	2.932	13.6	19.9

36782 Okauchitakashige 4 21.9 216°.45 3°.0/19.3 18

3 22	14 23.20	− 4 10.4	2.216	3.089	10.5	19.0
4 1	14 16.87	− 3 38.2	2.140	3.082	7.5	18.8
4 11	14 8.91	− 3 4.9	2.091	3.074	4.4	18.6
4 21	14 0.01	− 2 34.5	2.069	3.065	3.0	18.5
5 1	13 50.99	− 2 11.2	2.077	3.056	5.4	18.7
5 11	13 42.71	− 1 58.5	2.113	3.047	8.7	18.8
5 21	13 35.86	− 1 58.3	2.173	3.036	11.8	19.0
5 31	13 30.92	− 2 11.5	2.255	3.026	14.5	19.2

200231 1999 UF_{37} 4 21.9 232°.12 1°.4/20.6 18

3 22	14 19.91	−11 2.3	1.928	2.803	11.7	20.4
4 1	14 14.71	−10 10.2	1.856	2.800	8.2	20.2
4 11	14 7.80	− 9 9.8	1.810	2.797	4.3	19.9
4 21	13 59.91	− 8 6.1	1.791	2.794	1.4	19.7
5 1	13 51.95	− 7 4.8	1.800	2.791	4.6	19.9
5 11	13 44.83	− 6 12.0	1.836	2.788	8.6	20.1
5 21	13 39.27	− 5 31.9	1.896	2.784	12.1	20.3
5 31	13 35.76	− 5 7.4	1.978	2.781	15.2	20.5

505088 2011 UK_{326} 4 21.9 155°.51 3°.2/18.8 17

3 22	14 21.89	− 0 49.2	2.719	3.589	8.9	21.7
4 1	14 15.62	− 0 30.9	2.656	3.594	6.4	21.5
4 11	14 8.11	− 0 14.7	2.620	3.598	4.1	21.3
4 21	13 59.94	− 0 3.4	2.613	3.603	3.3	21.3
5 1	13 51.77	+ 0 0.3	2.636	3.607	5.0	21.4
5 11	13 44.26	− 0 5.7	2.688	3.611	7.5	21.6
5 21	13 37.93	− 0 22.1	2.765	3.614	10.0	21.7
5 31	13 33.16	− 0 49.0	2.864	3.617	12.1	21.9

303817 2005 SS_{82} 4 21.9 213°.61 1°.4/20.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 17.47	−10 22.3	2.594	3.464	9.3	21.1
4 1	14 12.65	− 9 24.1	2.518	3.460	6.5	20.9
4 11	14 6.58	− 8 19.7	2.469	3.456	3.4	20.7
4 21	13 59.82	− 7 13.2	2.449	3.451	1.4	20.5
5 1	13 53.00	− 6 9.3	2.459	3.447	3.9	20.7
5 11	13 46.80	− 5 12.4	2.497	3.442	7.0	20.9
5 21	13 41.73	− 4 26.1	2.561	3.437	9.8	21.1
5 31	13 38.19	− 3 52.6	2.647	3.431	12.2	21.2

7898 Ohkuma 4 21.9 246°.38 4°.3/18.8 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 25.56	− 3 39.0	1.647	2.528	13.1	17.6
4 1	14 19.10	− 2 46.6	1.567	2.512	9.4	17.3
4 11	14 10.35	− 1 51.5	1.511	2.494	5.7	17.0
4 21	14 0.15	− 1 0.3	1.481	2.476	4.4	16.9
5 1	13 49.66	− 0 19.7	1.479	2.457	7.4	17.0
5 11	13 40.10	+ 0 4.5	1.503	2.437	11.6	17.2
5 21	13 32.44	+ 0 9.3	1.549	2.416	15.5	17.4
5 31	13 27.34	− 0 5.9	1.614	2.395	18.9	17.6

492256 2013 WW_{28} 4 21.9 83°.05 0°.4/21.6 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 22.01	−12 44.4	1.988	2.856	11.8	22.0
4 1	14 16.00	−12 16.8	1.936	2.876	8.3	21.8
4 11	14 8.39	−11 41.4	1.909	2.895	4.4	21.6
4 21	13 59.97	−11 1.9	1.910	2.915	0.5	21.3
5 1	13 51.65	−10 22.8	1.939	2.934	3.8	21.6
5 11	13 44.31	− 9 48.8	1.996	2.953	7.6	21.9
5 21	13 38.57	− 9 23.6	2.078	2.972	10.9	22.1
5 31	13 34.85	− 9 9.5	2.181	2.991	13.7	22.4

62012 2000 RJ_{41} 4 21.9 262°.40 4°.1/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 20.92	−26 22.7	2.344	3.160	12.1	19.3
4 1	14 15.41	−26 29.9	2.255	3.152	9.5	19.1
4 11	14 8.20	−26 21.4	2.191	3.144	6.7	18.9
4 21	13 59.97	−25 57.3	2.152	3.137	4.5	18.7
5 1	13 51.56	−25 19.7	2.142	3.129	4.5	18.7
5 11	13 43.86	−24 33.0	2.159	3.120	6.8	18.9
5 21	13 37.59	−23 42.5	2.202	3.112	9.7	19.0
5 31	13 33.29	−22 53.8	2.269	3.104	12.4	19.2

282422 2003 UF_{322} 4 21.9 148°.04 0°.6/21.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.66	−13 25.6	2.033	2.903	11.5	21.1
4 1	14 14.45	−12 35.5	1.964	2.905	8.1	20.8
4 11	14 7.63	−11 35.7	1.921	2.907	4.3	20.6
4 21	13 59.92	−10 30.7	1.905	2.910	0.6	20.3
5 1	13 52.18	− 9 26.0	1.918	2.912	4.0	20.6
5 11	13 45.29	− 8 27.4	1.958	2.914	7.8	20.8
5 21	13 39.89	− 7 39.7	2.023	2.916	11.3	21.1
5 31	13 36.44	− 7 6.0	2.110	2.917	14.2	21.3

387332 2012 VA_{92} 4 21.9 358°.61 5°.2/17.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.44	+ 2 20.9	2.011	2.891	11.1	20.2
4 1	14 15.67	+ 2 55.5	1.951	2.890	8.3	20.0
4 11	14 8.27	+ 3 25.2	1.917	2.890	5.8	19.9
4 21	13 59.98	+ 3 45.2	1.909	2.890	5.4	19.8
5 1	13 51.67	+ 3 51.3	1.929	2.890	7.4	20.0
5 11	13 44.22	+ 3 41.2	1.974	2.890	10.2	20.1
5 21	13 38.29	+ 3 14.7	2.043	2.890	13.1	20.3
5 31	13 34.33	+ 2 32.7	2.131	2.891	15.6	20.5

284963 2010 FC_5 4 21.9 325°.25 1°.6/20.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.76	− 9 42.1	1.750	2.633	12.4	20.0
4 1	14 14.82	− 9 12.0	1.675	2.622	8.7	19.7
4 11	14 7.97	− 8 35.1	1.624	2.613	4.6	19.4
4 21	13 59.97	− 7 55.8	1.600	2.603	1.6	19.2
5 1	13 51.80	− 7 19.4	1.602	2.594	4.9	19.4
5 11	13 44.49	− 6 51.2	1.630	2.586	9.2	19.6
5 21	13 38.85	− 6 34.9	1.682	2.577	13.0	19.8
5 31	13 35.45	− 6 33.1	1.754	2.570	16.3	20.0

505286 2012 VJ_{81} 4 21.9 214°.53 1°.1/21.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 22.04	− 9 28.8	2.242	3.111	10.6	21.0
4 1	14 16.05	− 9 17.2	2.168	3.109	7.4	20.8
4 11	14 8.48	− 9 1.3	2.120	3.106	3.9	20.6
4 21	14 0.01	− 8 43.8	2.100	3.104	1.1	20.3
5 1	13 51.45	− 8 28.0	2.109	3.101	3.9	20.5
5 11	13 43.62	− 8 17.2	2.146	3.098	7.5	20.8
5 21	13 37.19	− 8 14.1	2.209	3.095	10.7	20.9
5 31	13 32.64	− 8 20.4	2.293	3.092	13.5	21.1

303696 2005 OH_{12} 4 21.9 214°.52 1°.1/20.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.17	− 9 37.9	2.702	3.569	9.1	21.2
4 1	14 13.83	− 9 6.7	2.623	3.563	6.3	21.0
4 11	14 7.23	− 8 30.8	2.570	3.557	3.4	20.8
4 21	13 59.90	− 7 53.4	2.547	3.550	1.2	20.7
5 1	13 52.50	− 7 17.9	2.553	3.543	3.6	20.8
5 11	13 45.69	− 6 47.8	2.589	3.536	6.6	21.0
5 21	13 39.98	− 6 25.7	2.650	3.529	9.4	21.2
5 31	13 35.80	− 6 13.7	2.734	3.521	11.8	21.3

213569 2002 MD_5 4 21.9 318°.20 2°.1/20.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 20.07	−10 15.0	1.297	2.190	15.0	20.3
4 1	14 15.61	− 9 26.8	1.223	2.175	10.6	20.0
4 11	14 8.62	− 8 27.5	1.171	2.161	5.7	19.7
4 21	14 0.03	− 7 23.4	1.143	2.147	2.1	19.4
5 1	13 51.15	− 6 23.1	1.140	2.133	6.4	19.6
5 11	13 43.37	− 5 35.0	1.161	2.120	11.6	19.9
5 21	13 37.77	− 5 5.2	1.202	2.108	16.4	20.1
5 31	13 35.04	− 4 56.9	1.262	2.096	20.4	20.3

215348 2001 VW_{122} 4 21.9 108°.23 6°.3/16.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 25.42	+ 9 47.9	2.463	3.319	10.2	20.0
4 1	14 18.10	+10 7.8	2.416	3.331	8.1	19.9
4 11	14 9.42	+10 17.7	2.395	3.343	6.6	19.8
4 21	14 0.09	+10 13.9	2.403	3.355	6.5	19.8
5 1	13 50.88	+ 9 54.0	2.438	3.367	7.8	19.9
5 11	13 42.53	+ 9 17.8	2.501	3.378	9.9	20.1
5 21	13 35.61	+ 8 26.5	2.588	3.389	12.0	20.2
5 31	13 30.48	+ 7 22.2	2.696	3.400	13.8	20.4

4778 Fuss 4 21.9 122°.15 0°.1/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.80	−13 39.2	2.619	3.477	9.6	18.5
4 1	14 14.22	−13 13.8	2.555	3.490	6.8	18.4
4 11	14 7.40	−12 41.5	2.518	3.502	3.6	18.2
4 21	13 59.92	−12 5.1	2.509	3.514	0.3	17.9
5 1	13 52.46	−11 28.0	2.531	3.526	3.0	18.2
5 11	13 45.69	−10 53.8	2.581	3.537	6.2	18.4
5 21	13 40.13	−10 25.6	2.657	3.548	9.0	18.6
5 31	13 36.15	−10 5.9	2.757	3.559	11.4	18.8

136417 2005 CO_{45} 4 21.9 294°.35 3°.6/19.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 22.07	− 6 9.4	1.424	2.315	14.1	20.3
4 1	14 16.86	− 5 18.4	1.349	2.300	10.0	20.0
4 11	14 9.24	− 4 21.7	1.296	2.284	5.7	19.7
4 21	14 0.10	− 3 26.3	1.269	2.268	3.7	19.5
5 1	13 50.67	− 2 39.7	1.267	2.252	7.2	19.7
5 11	13 42.26	− 2 9.0	1.290	2.237	11.9	19.9
5 21	13 35.90	− 1 58.0	1.334	2.222	16.2	20.1
5 31	13 32.28	− 2 8.4	1.395	2.207	20.0	20.3

30805 1989 UO_2 4 21.9 218°.37 0°.0/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 22.12	−14 44.7	2.353	3.208	10.7	20.4
4 1	14 16.12	−14 2.0	2.264	3.198	7.6	20.1
4 11	14 8.54	−13 9.3	2.202	3.186	4.1	19.9
4 21	14 0.03	−12 9.7	2.169	3.174	0.3	19.6
5 1	13 51.38	−11 7.8	2.166	3.161	3.5	19.8
5 11	13 43.42	−10 9.0	2.192	3.147	7.2	20.0
5 21	13 36.81	− 9 17.8	2.244	3.132	10.5	20.2
5 31	13 32.05	− 8 37.9	2.319	3.117	13.4	20.4

489412 2006 VF_{40} 4 21.9 199°.80 0°.4/21.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.16	−12 42.2	2.715	3.576	9.2	23.0
4 1	14 13.83	−12 10.8	2.636	3.572	6.5	22.8
4 11	14 7.23	−11 33.0	2.584	3.569	3.5	22.6
4 21	13 59.92	−10 51.4	2.560	3.565	0.4	22.3
5 1	13 52.55	−10 9.4	2.567	3.561	3.1	22.5
5 11	13 45.78	− 9 31.0	2.602	3.556	6.3	22.7
5 21	13 40.12	− 8 59.2	2.664	3.551	9.1	22.9
5 31	13 36.00	− 8 36.5	2.749	3.546	11.5	23.1

391583 2007 TY_{362} 4 21.9 87°.51 1°.2/23.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.18	−18 46.6	2.169	3.021	11.6	21.1
4 1	14 14.02	−18 4.2	2.104	3.033	8.4	20.9
4 11	14 7.37	−17 8.9	2.064	3.044	4.8	20.7
4 21	13 59.93	−16 4.4	2.052	3.055	1.4	20.5
5 1	13 52.53	−14 55.5	2.069	3.066	3.2	20.6
5 11	13 45.97	−13 48.2	2.114	3.077	6.8	20.9
5 21	13 40.85	−12 47.8	2.184	3.088	10.1	21.1
5 31	13 37.59	−11 58.2	2.278	3.099	12.8	21.3

192791 1999 UX_{41} 4 21.9 233°.18 0°.5/22.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 23.64	−14 22.5	2.124	2.982	11.5	20.1
4 1	14 17.36	−14 19.6	2.040	2.974	8.3	19.9
4 11	14 9.29	−14 8.4	1.982	2.965	4.6	19.6
4 21	14 0.11	−13 50.7	1.952	2.956	0.8	19.3
5 1	13 50.75	−13 29.6	1.951	2.947	3.6	19.5
5 11	13 42.14	−13 9.2	1.977	2.938	7.5	19.8
5 21	13 35.05	−12 53.3	2.030	2.928	11.0	20.0
5 31	13 30.03	−12 45.2	2.104	2.917	14.0	20.1

35369 1997 UJ_{11} 4 21.9 60°.18 7°.4/19.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 37.24	+ 6 22.4	1.239	2.112	17.1	16.8
4 1	14 27.22	+ 6 0.4	1.200	2.134	12.8	16.6
4 11	14 14.50	+ 5 23.0	1.185	2.156	8.9	16.4
4 21	14 0.54	+ 4 26.8	1.195	2.178	7.5	16.4
5 1	13 47.04	+ 3 11.1	1.232	2.200	9.7	16.6
5 11	13 35.52	+ 1 38.8	1.294	2.223	13.4	16.9
5 21	13 26.94	− 0 5.4	1.379	2.245	17.1	17.2
5 31	13 21.70	− 1 57.3	1.483	2.268	20.2	17.4

211557 2003 SG_{72} 4 21.9 261°.61 4°.2/24.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 25.33	−22 59.6	1.608	2.452	15.3	20.5
4 1	14 19.23	−23 13.7	1.521	2.439	11.8	20.3
4 11	14 10.57	−23 9.5	1.457	2.425	7.9	20.0
4 21	14 0.24	−22 46.3	1.417	2.412	4.6	19.8
5 1	13 49.50	−22 7.0	1.404	2.398	5.3	19.8
5 11	13 39.74	−21 17.8	1.417	2.384	9.1	20.0
5 21	13 32.09	−20 26.6	1.453	2.369	13.3	20.2
5 31	13 27.29	−19 40.9	1.510	2.355	17.1	20.4

268386 2005 UE_{62} 4 21.9 232°.54 0°.3/21.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 22.10	−13 19.4	1.961	2.828	12.0	21.4
4 1	14 16.35	−12 46.5	1.880	2.819	8.5	21.2
4 11	14 8.76	−12 3.9	1.824	2.810	4.6	20.9
4 21	14 0.07	−11 15.2	1.796	2.801	0.4	20.6
5 1	13 51.23	−10 25.1	1.796	2.791	4.1	20.9
5 11	13 43.19	− 9 39.5	1.823	2.781	8.2	21.1
5 21	13 36.75	− 9 3.1	1.876	2.770	11.9	21.3
5 31	13 32.45	− 8 39.2	1.949	2.760	15.1	21.5

160960 2002 AU_{162} 4 21.9 166°.07 2°.7/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 25.39	−21 35.1	1.799	2.642	14.0	20.2
4 1	14 18.78	−21 17.2	1.727	2.647	10.5	20.0
4 11	14 10.08	−20 41.9	1.678	2.651	6.5	19.7
4 21	14 0.18	−19 51.4	1.656	2.654	3.1	19.5
5 1	13 50.22	−18 50.2	1.661	2.657	4.2	19.6
5 11	13 41.34	−17 45.4	1.695	2.660	8.0	19.8
5 21	13 34.37	−16 44.1	1.753	2.661	11.9	20.1
5 31	13 29.87	−15 52.2	1.833	2.662	15.2	20.3

247906 2003 UR_{353} 4 21.9 261°.37 2°.5/19.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.26	− 6 43.4	1.950	2.829	11.5	21.2
4 1	14 15.69	− 6 8.3	1.878	2.823	8.1	21.0
4 11	14 8.37	− 5 29.7	1.831	2.818	4.5	20.8
4 21	14 0.04	− 4 52.0	1.812	2.812	2.5	20.6
5 1	13 51.60	− 4 20.0	1.820	2.806	5.3	20.8
5 11	13 43.99	− 3 58.1	1.855	2.800	9.0	21.0
5 21	13 37.92	− 3 49.2	1.914	2.794	12.4	21.2
5 31	13 33.92	− 3 54.6	1.994	2.788	15.4	21.4

254152 2004 PL_{83} 4 21.9 294°.57 5°.6/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 23.22	−28 52.5	2.303	3.105	12.7	20.1
4 1	14 17.32	−29 29.2	2.199	3.081	10.3	19.9
4 11	14 9.41	−29 50.2	2.118	3.058	7.8	19.7
4 21	14 0.15	−29 53.6	2.063	3.034	5.9	19.5
5 1	13 50.45	−29 39.7	2.035	3.011	5.8	19.5
5 11	13 41.35	−29 11.7	2.034	2.987	7.8	19.6
5 21	13 33.73	−28 34.6	2.059	2.963	10.6	19.7
5 31	13 28.28	−27 54.5	2.106	2.940	13.3	19.8

475466 2006 SL_{73} 4 21.9 264°.05 0°.9/21.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 20.35	−10 56.1	2.376	3.243	10.1	22.4
4 1	14 14.92	−10 27.2	2.284	3.224	7.2	22.2
4 11	14 7.94	− 9 52.0	2.218	3.205	3.8	21.9
4 21	14 0.01	− 9 13.3	2.181	3.185	0.9	21.7
5 1	13 51.88	− 8 35.1	2.172	3.165	3.8	21.8
5 11	13 44.35	− 8 1.8	2.192	3.144	7.4	22.0
5 21	13 38.08	− 7 36.6	2.238	3.123	10.6	22.2
5 31	13 33.57	− 7 22.4	2.305	3.102	13.5	22.4

506990 2008 SF_{226} 4 21.9 291°.29 1°.9/20.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 24.84	− 7 10.8	1.786	2.662	12.5	21.2
4 1	14 18.52	− 7 8.6	1.701	2.645	8.9	21.0
4 11	14 10.05	− 7 3.8	1.641	2.627	4.8	20.7
4 21	14 0.20	− 6 59.4	1.607	2.610	1.9	20.4
5 1	13 50.03	− 6 59.2	1.602	2.593	5.2	20.6
5 11	13 40.69	− 7 6.5	1.623	2.576	9.5	20.8
5 21	13 33.09	− 7 23.8	1.669	2.558	13.4	21.0
5 31	13 27.90	− 7 52.7	1.735	2.541	16.8	21.2

43134 1999 XU_{77} 4 21.9 155°.25 3°.1/18.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.46	− 3 11.7	2.466	3.339	9.6	19.2
4 1	14 15.43	− 2 28.8	2.406	3.347	6.8	19.0
4 11	14 8.07	− 1 45.8	2.372	3.354	4.1	18.9
4 21	14 0.02	− 1 6.6	2.368	3.361	3.2	18.8
5 1	13 51.98	− 0 35.3	2.393	3.367	5.2	19.0
5 11	13 44.67	− 0 15.0	2.446	3.372	8.0	19.1
5 21	13 38.64	− 0 7.3	2.524	3.378	10.7	19.3
5 31	13 34.28	− 0 12.7	2.624	3.382	13.0	19.5

15384 Samková 4 21.9 152°.97 0°.0/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 20.15	−14 10.7	2.274	3.136	10.7	19.6
4 1	14 14.69	−13 39.7	2.204	3.140	7.6	19.4
4 11	14 7.75	−13 0.1	2.159	3.143	4.1	19.2
4 21	13 59.99	−12 15.0	2.142	3.147	0.4	18.9
5 1	13 52.20	−11 28.6	2.154	3.150	3.4	19.2
5 11	13 45.17	−10 45.6	2.194	3.153	7.0	19.4
5 21	13 39.50	−10 10.0	2.260	3.155	10.2	19.6
5 31	13 35.64	− 9 44.6	2.349	3.158	12.9	19.8

362692 2011 UX_{136} 4 21.9 144°.46 0°.8/22.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 27.19	−14 58.2	1.592	2.456	14.4	21.2
4 1	14 20.20	−14 57.0	1.527	2.463	10.3	20.9
4 11	14 10.90	−14 44.5	1.485	2.469	5.8	20.7
4 21	14 0.27	−14 23.1	1.470	2.474	1.1	20.4
5 1	13 49.57	−13 57.0	1.482	2.479	4.3	20.6
5 11	13 40.05	−13 31.8	1.521	2.484	9.0	20.9
5 21	13 32.66	−13 12.5	1.584	2.488	13.1	21.1
5 31	13 27.96	−13 3.3	1.667	2.492	16.6	21.4

384234 2009 DZ_{55} 4 21.9 94°.80 1°.8/20.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 20.24	− 8 16.1	2.209	3.084	10.5	21.6
4 1	14 14.67	− 7 35.8	2.155	3.098	7.3	21.5
4 11	14 7.69	− 6 51.8	2.126	3.112	3.9	21.3
4 21	13 59.99	− 6 7.9	2.125	3.127	1.9	21.1
5 1	13 52.34	− 5 28.6	2.153	3.141	4.4	21.3
5 11	13 45.52	− 4 58.0	2.209	3.154	7.7	21.6
5 21	13 40.09	− 4 38.5	2.290	3.168	10.7	21.8
5 31	13 36.44	− 4 31.6	2.392	3.181	13.2	22.0

503077 2015 FQ_{263} 4 21.9 137°.40 2°.0/20.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.90	− 7 54.6	2.012	2.888	11.3	21.5
4 1	14 16.02	− 7 20.7	1.949	2.893	7.9	21.3
4 11	14 8.49	− 6 42.7	1.911	2.898	4.3	21.1
4 21	14 0.06	− 6 4.8	1.901	2.903	2.0	20.9
5 1	13 51.62	− 5 31.6	1.920	2.907	4.8	21.1
5 11	13 44.05	− 5 7.2	1.965	2.912	8.4	21.4
5 21	13 38.03	− 4 54.6	2.035	2.916	11.7	21.6
5 31	13 34.01	− 4 55.1	2.126	2.920	14.5	21.8

423070 2003 WZ_{152} 4 21.9 253°.32 2°.6/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.21	−22 31.0	2.270	3.103	11.8	21.2
4 1	14 15.67	−22 12.2	2.173	3.087	9.0	20.9
4 11	14 8.40	−21 38.3	2.100	3.069	5.8	20.7
4 21	14 0.06	−20 50.5	2.055	3.052	3.0	20.5
5 1	13 51.51	−19 52.1	2.039	3.034	3.7	20.5
5 11	13 43.63	−18 48.6	2.051	3.015	6.9	20.7
5 21	13 37.18	−17 45.9	2.089	2.996	10.3	20.8
5 31	13 32.71	−16 49.4	2.150	2.977	13.3	21.0

262110 2006 SG 4 21.9 256°.68 0°.2/22.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 22.60	−15 49.6	1.823	2.687	12.9	21.7
4 1	14 16.94	−15 5.2	1.731	2.667	9.3	21.4
4 11	14 9.20	−14 6.4	1.663	2.647	5.1	21.1
4 21	14 0.14	−12 56.8	1.622	2.627	0.6	20.8
5 1	13 50.78	−11 42.5	1.609	2.606	4.2	21.0
5 11	13 42.23	−10 31.0	1.624	2.584	8.8	21.2
5 21	13 35.39	− 9 28.9	1.663	2.562	13.0	21.4
5 31	13 30.90	− 8 41.5	1.723	2.539	16.6	21.6

391759 2008 EB_{61} 4 21.9 249°.75 3°.6/25.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 20.91	−25 11.6	2.503	3.321	11.3	21.1
4 1	14 15.32	−25 20.3	2.414	3.314	8.8	20.9
4 11	14 8.16	−25 15.0	2.351	3.307	6.1	20.7
4 21	14 0.04	−24 56.0	2.314	3.300	4.0	20.6
5 1	13 51.76	−24 25.3	2.305	3.293	4.1	20.6
5 11	13 44.13	−23 46.8	2.324	3.286	6.4	20.7
5 21	13 37.83	−23 5.0	2.370	3.278	9.2	20.9
5 31	13 33.37	−22 24.9	2.440	3.271	11.8	21.0

415052 2012 AW_{6} 4 21.9 79°.95 3°.4/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 23.31	−22 42.2	1.500	2.352	15.8	20.4
4 1	14 17.60	−22 27.6	1.436	2.359	11.9	20.2
4 11	14 9.55	−21 52.2	1.394	2.366	7.6	19.9
4 21	14 0.17	−20 58.2	1.376	2.374	3.9	19.7
5 1	13 50.76	−19 51.2	1.385	2.381	4.7	19.8
5 11	13 42.60	−18 39.8	1.419	2.389	8.8	20.0
5 21	13 36.63	−17 32.3	1.477	2.396	12.9	20.3
5 31	13 33.38	−16 35.8	1.556	2.404	16.5	20.6

226340 2003 FH_{77} 4 21.9 350°.85 1°.5/23.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.62	−18 12.9	1.462	2.334	15.0	20.4
4 1	14 15.06	−17 46.0	1.392	2.331	11.0	20.1
4 11	14 8.23	−17 1.9	1.345	2.327	6.4	19.9
4 21	14 0.06	−16 4.1	1.321	2.325	1.9	19.6
5 1	13 51.75	−14 59.1	1.324	2.323	4.4	19.7
5 11	13 44.53	−13 55.0	1.351	2.321	9.1	20.0
5 21	13 39.35	−12 59.4	1.402	2.320	13.5	20.2
5 31	13 36.78	−12 17.9	1.472	2.320	17.3	20.5

171832 2001 FO_{152} 4 21.9 46°.66 3°.1/20.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 23.52	− 7 7.2	1.221	2.117	15.7	19.8
4 1	14 17.73	− 6 27.9	1.181	2.133	10.9	19.6
4 11	14 9.55	− 5 44.4	1.162	2.151	6.0	19.4
4 21	14 0.16	− 5 3.5	1.168	2.169	3.2	19.2
5 1	13 50.97	− 4 32.2	1.198	2.187	6.8	19.5
5 11	13 43.27	− 4 16.1	1.252	2.206	11.4	19.8
5 21	13 37.95	− 4 17.5	1.327	2.226	15.6	20.1
5 31	13 35.45	− 4 36.7	1.420	2.245	19.0	20.4

498687 2008 SV_{270} 4 21.9 166°.78 1°.1/23.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 20.27	−18 28.8	2.292	3.142	11.1	22.0
4 1	14 14.79	−17 47.5	2.218	3.145	8.1	21.8
4 11	14 7.82	−16 53.8	2.168	3.148	4.6	21.6
4 21	14 0.02	−15 50.9	2.147	3.150	1.3	21.3
5 1	13 52.20	−14 43.3	2.155	3.153	3.2	21.5
5 11	13 45.15	−13 36.7	2.192	3.154	6.7	21.7
5 21	13 39.49	−12 36.3	2.255	3.156	9.9	21.9
5 31	13 35.67	−11 46.2	2.342	3.157	12.7	22.1

200614 2001 SV_{28} 4 21.9 162°.44 0°.9/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 27.01	−15 44.8	1.662	2.523	14.1	20.6
4 1	14 20.02	−15 34.1	1.594	2.528	10.1	20.4
4 11	14 10.79	−15 11.3	1.550	2.533	5.7	20.1
4 21	14 0.29	−14 38.8	1.533	2.537	1.2	19.8
5 1	13 49.70	−14 1.4	1.543	2.540	4.2	20.0
5 11	13 40.25	−13 25.0	1.581	2.543	8.8	20.3
5 21	13 32.84	−12 55.1	1.642	2.545	12.9	20.6
5 31	13 28.05	−12 36.0	1.725	2.547	16.3	20.8

399109 2014 DY_{75} 4 21.9 317°.35 3°.3/24.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 22.28	−21 36.1	2.099	2.938	12.4	20.9
4 1	14 16.53	−21 58.5	2.014	2.930	9.4	20.7
4 11	14 8.92	−22 8.1	1.954	2.922	6.2	20.5
4 21	14 0.13	−22 5.0	1.920	2.914	3.5	20.3
5 1	13 51.11	−21 51.0	1.914	2.907	4.2	20.3
5 11	13 42.83	−21 30.0	1.935	2.899	7.3	20.5
5 21	13 36.11	−21 6.6	1.982	2.892	10.6	20.7
5 31	13 31.54	−20 45.7	2.051	2.885	13.6	20.8

106288 2000 UK_{78} 4 21.9 125°.78 0°.8/21.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 24.39	−12 7.0	1.554	2.430	14.0	20.0
4 1	14 18.18	−11 35.7	1.493	2.437	9.9	19.7
4 11	14 9.80	−10 54.8	1.456	2.443	5.2	19.5
4 21	14 0.20	−10 8.8	1.444	2.449	0.8	19.2
5 1	13 50.59	− 9 23.8	1.460	2.455	4.9	19.5
5 11	13 42.15	− 8 46.0	1.502	2.460	9.5	19.8
5 21	13 35.74	− 8 20.2	1.567	2.465	13.6	20.0
5 31	13 31.90	− 8 9.2	1.651	2.470	17.0	20.3

292657 2006 UY_{53} 4 21.9 81°.36 3°.5/19.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 22.23	− 1 28.0	2.259	3.135	10.3	20.3
4 1	14 16.13	− 1 10.0	2.194	3.135	7.4	20.1
4 11	14 8.53	− 0 53.8	2.155	3.136	4.6	19.9
4 21	14 0.09	− 0 43.1	2.144	3.136	3.6	19.9
5 1	13 51.63	− 0 41.0	2.162	3.136	5.6	20.0
5 11	13 43.93	− 0 49.8	2.207	3.137	8.6	20.2
5 21	13 37.61	− 1 10.5	2.277	3.137	11.4	20.4
5 31	13 33.12	− 1 43.1	2.368	3.138	13.9	20.5

504632 2008 WO_{4} 4 21.9 271°.14 1°.3/23.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.95	−18 32.2	1.921	2.779	12.6	21.6
4 1	14 14.89	−17 54.8	1.840	2.771	9.2	21.4
4 11	14 8.02	−17 2.7	1.782	2.763	5.3	21.1
4 21	14 0.06	−15 58.9	1.751	2.755	1.6	20.8
5 1	13 51.96	−14 48.7	1.749	2.747	3.7	21.0
5 11	13 44.70	−13 39.0	1.773	2.738	7.8	21.2
5 21	13 39.04	−12 36.1	1.823	2.730	11.5	21.4
5 31	13 35.53	−11 45.1	1.894	2.722	14.8	21.6

192840 1999 VN_{137} 4 21.9 84°.10 0°.1/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 22.17	−13 18.1	1.879	2.748	12.3	20.0
4 1	14 16.38	−13 1.6	1.813	2.752	8.7	19.8
4 11	14 8.76	−12 36.4	1.770	2.756	4.7	19.5
4 21	14 0.12	−12 5.7	1.755	2.760	0.4	19.2
5 1	13 51.42	−11 33.6	1.768	2.764	3.9	19.5
5 11	13 43.66	−11 5.0	1.808	2.769	8.0	19.8
5 21	13 37.56	−10 44.1	1.873	2.773	11.7	20.0
5 31	13 33.64	−10 33.7	1.958	2.777	14.7	20.2

291568 2006 FS_{31} 4 21.9 344°.47 1°.0/21.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 20.48	−11 31.2	1.088	1.987	16.8	20.2
4 1	14 16.23	−11 12.1	1.024	1.978	12.0	19.9
4 11	14 9.10	−10 41.6	0.980	1.970	6.4	19.5
4 21	14 0.17	−10 4.7	0.958	1.963	1.1	19.1
5 1	13 50.95	− 9 28.8	0.960	1.957	6.0	19.4
5 11	13 43.08	− 9 2.0	0.983	1.952	11.8	19.7
5 21	13 37.74	− 8 50.1	1.027	1.948	17.0	20.0
5 31	13 35.66	− 8 56.5	1.087	1.946	21.3	20.3

311548 2006 AG_{7} 4 21.9 330°.52 4°.8/17.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 18.46	+ 2 10.3	2.329	3.209	9.8	19.7
4 1	14 13.47	+ 2 54.3	2.265	3.204	7.3	19.5
4 11	14 7.11	+ 3 34.6	2.227	3.199	5.2	19.4
4 21	13 59.99	+ 4 6.5	2.216	3.194	5.0	19.4
5 1	13 52.81	+ 4 26.2	2.233	3.190	6.8	19.5
5 11	13 46.32	+ 4 30.9	2.276	3.185	9.3	19.6
5 21	13 41.08	+ 4 19.9	2.342	3.181	11.9	19.8
5 31	13 37.51	+ 3 53.5	2.428	3.177	14.1	19.9

390341 2013 CQ_{79} 4 21.9 285°.28 5°.3/16.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 18.65	+ 2 29.3	2.277	3.157	10.0	20.9
4 1	14 13.73	+ 3 34.6	2.198	3.136	7.5	20.7
4 11	14 7.33	+ 4 37.5	2.146	3.115	5.6	20.6
4 21	14 0.02	+ 5 32.3	2.121	3.094	5.6	20.5
5 1	13 52.55	+ 6 13.7	2.123	3.073	7.5	20.6
5 11	13 45.70	+ 6 37.8	2.151	3.052	10.2	20.7
5 21	13 40.11	+ 6 43.2	2.203	3.031	12.9	20.9
5 31	13 36.26	+ 6 29.8	2.273	3.009	15.3	21.0

508303 2015 KD_{53} 4 21.9 307°.74 1°.7/20.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 18.87	− 9 5.1	2.116	2.993	10.8	21.2
4 1	14 13.93	− 8 26.0	2.042	2.987	7.6	21.0
4 11	14 7.43	− 7 41.6	1.994	2.981	4.0	20.7
4 21	14 0.03	− 6 55.8	1.973	2.975	1.7	20.6
5 1	13 52.53	− 6 13.4	1.980	2.970	4.5	20.7
5 11	13 45.77	− 5 39.0	2.015	2.964	8.1	20.9
5 21	13 40.40	− 5 15.9	2.074	2.959	11.4	21.1
5 31	13 36.89	− 5 6.2	2.154	2.953	14.2	21.3

170462 2003 US_{206} 4 21.9 57°.73 0°.6/22.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 23.00	−15 45.3	1.357	2.234	15.6	20.0
4 1	14 17.37	−15 14.8	1.305	2.247	11.1	19.7
4 11	14 9.41	−14 29.7	1.275	2.261	6.1	19.5
4 21	14 0.20	−13 34.8	1.270	2.274	0.9	19.1
5 1	13 51.07	−12 37.1	1.290	2.288	4.6	19.5
5 11	13 43.30	−11 44.5	1.336	2.302	9.6	19.8
5 21	13 37.78	−11 3.5	1.404	2.317	13.9	20.1
5 31	13 34.99	−10 37.9	1.492	2.331	17.5	20.3

30741 1981 EQ_{15} 4 21.9 88°.92 0°.9/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 22.46	−17 43.0	1.817	2.676	13.2	19.4
4 1	14 16.49	−17 0.8	1.764	2.697	9.4	19.2
4 11	14 8.76	−16 5.1	1.735	2.717	5.3	19.0
4 21	14 0.14	−15 0.1	1.733	2.737	1.2	18.8
5 1	13 51.65	−13 51.7	1.760	2.757	3.7	19.0
5 11	13 44.26	−12 46.9	1.813	2.777	7.8	19.3
5 21	13 38.64	−11 51.1	1.892	2.796	11.4	19.5
5 31	13 35.23	−11 8.4	1.992	2.815	14.4	19.8

349859 2009 DJ_{35} 4 21.9 290°.11 3°.4/18.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 17.36	− 5 7.2	2.139	3.022	10.4	20.4
4 1	14 12.83	− 3 46.5	2.068	3.015	7.3	20.2
4 11	14 6.82	− 2 22.0	2.024	3.008	4.4	20.0
4 21	13 59.98	− 1 0.0	2.008	3.001	3.6	19.9
5 1	13 53.06	+ 0 13.4	2.020	2.993	6.1	20.1
5 11	13 46.86	+ 1 12.5	2.059	2.986	9.2	20.3
5 21	13 41.98	+ 1 54.1	2.122	2.979	12.3	20.4
5 31	13 38.87	+ 2 16.9	2.205	2.972	14.9	20.6

432682 2011 BD_{38} 4 21.9 81°.95 6°.0/16.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.52	+ 0 53.8	1.751	2.637	12.2	21.1
4 1	14 15.72	+ 2 28.3	1.719	2.661	8.9	20.9
4 11	14 8.29	+ 3 58.1	1.711	2.684	6.4	20.8
4 21	14 0.10	+ 5 15.4	1.731	2.708	6.3	20.8
5 1	13 52.11	+ 6 13.7	1.778	2.731	8.5	21.0
5 11	13 45.22	+ 6 49.2	1.849	2.753	11.4	21.2
5 21	13 40.05	+ 7 1.6	1.942	2.776	14.2	21.5
5 31	13 36.97	+ 6 52.4	2.054	2.798	16.5	21.7

187659 2007 EN_{186} 4 21.9 266°.36 1°.9/18.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 12.81	− 3 18.1	4.339	5.212	5.8	20.4
4 1	14 9.05	− 2 45.8	4.265	5.207	4.1	20.3
4 11	14 4.61	− 2 13.5	4.220	5.201	2.5	20.2
4 21	13 59.79	− 1 43.2	4.203	5.196	2.0	20.1
5 1	13 54.94	− 1 16.9	4.217	5.190	3.2	20.2
5 11	13 50.41	− 0 56.5	4.260	5.184	4.9	20.3
5 21	13 46.49	− 0 43.3	4.328	5.179	6.6	20.5
5 31	13 43.45	− 0 38.0	4.420	5.173	8.1	20.6

146625 2001 TC_{257} 4 21.9 238°.96 0°.2/21.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.91	−11 57.6	2.360	3.223	10.4	20.1
4 1	14 15.98	−11 51.5	2.280	3.217	7.4	19.9
4 11	14 8.52	−11 39.5	2.225	3.210	3.9	19.6
4 21	14 0.14	−11 23.9	2.199	3.203	0.4	19.3
5 1	13 51.63	−11 7.4	2.202	3.197	3.4	19.6
5 11	13 43.79	−10 53.6	2.233	3.190	7.0	19.8
5 21	13 37.27	−10 45.3	2.290	3.183	10.2	20.0
5 31	13 32.57	−10 45.0	2.370	3.175	12.9	20.1

459003 2011 WH_{146} 4 21.9 111°.32 4°.0/19.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 25.35	− 3 57.3	1.486	2.372	14.0	21.5
4 1	14 18.87	− 3 17.7	1.431	2.379	9.9	21.3
4 11	14 10.18	− 2 37.4	1.400	2.385	5.8	21.1
4 21	14 0.28	− 2 2.4	1.395	2.392	4.1	21.0
5 1	13 50.41	− 1 38.7	1.417	2.398	7.1	21.2
5 11	13 41.78	− 1 30.8	1.463	2.404	11.2	21.4
5 21	13 35.24	− 1 40.3	1.531	2.410	15.0	21.7
5 31	13 31.33	− 2 7.1	1.618	2.416	18.2	21.9

513004 2017 UM_{45} 4 21.9 235°.15 1°.6/20.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 23.05	− 8 40.0	2.395	3.261	10.1	22.0
4 1	14 16.81	− 8 6.2	2.304	3.244	7.1	21.8
4 11	14 8.99	− 7 27.4	2.241	3.226	3.8	21.6
4 21	14 0.19	− 6 47.1	2.206	3.208	1.6	21.4
5 1	13 51.20	− 6 9.3	2.201	3.189	4.3	21.5
5 11	13 42.83	− 5 38.2	2.224	3.168	7.7	21.7
5 21	13 35.75	− 5 16.9	2.274	3.148	11.0	21.9
5 31	13 30.49	− 5 7.7	2.346	3.126	13.7	22.0

154858 2004 RK_{69} 4 21.9 221°.18 2°.7/23.9 17

3 22	14 25.64	−20 16.9	2.148	2.986	12.2	20.5
4 1	14 18.89	−20 34.2	2.062	2.979	9.2	20.3
4 11	14 10.20	−20 39.5	2.000	2.971	5.8	20.0
4 21	14 0.31	−20 33.0	1.966	2.963	3.0	19.8
5 1	13 50.17	−20 16.7	1.961	2.955	3.9	19.9
5 11	13 40.80	−19 54.5	1.984	2.946	7.3	20.1
5 21	13 33.02	−19 31.0	2.033	2.936	10.7	20.3
5 31	13 27.42	−19 11.0	2.104	2.927	13.7	20.4

313742 2003 UH_{230} 4 21.9 102°.93 2°.2/20.2 18

3 22	14 22.89	− 9 50.6	1.584	2.466	13.5	20.9
4 1	14 16.99	− 8 49.0	1.532	2.478	9.4	20.7
4 11	14 9.11	− 7 39.8	1.503	2.491	5.0	20.5
4 21	14 0.20	− 6 29.5	1.501	2.503	2.2	20.3
5 1	13 51.38	− 5 25.3	1.526	2.515	5.6	20.6
5 11	13 43.73	− 4 34.0	1.577	2.527	9.9	20.8
5 21	13 38.01	− 3 59.5	1.652	2.539	13.7	21.1
5 31	13 34.68	− 3 43.7	1.746	2.550	16.8	21.3

363525 2003 UK_{211} 4 21.9 247°.63 1°.2/22.9 17

3 22	14 22.77	−18 14.4	1.710	2.570	13.8	20.9
4 1	14 17.15	−17 37.4	1.625	2.558	10.1	20.6
4 11	14 9.37	−16 43.9	1.564	2.545	5.8	20.4
4 21	14 0.24	−15 36.9	1.528	2.532	1.6	20.0
5 1	13 50.87	−14 22.4	1.521	2.518	4.1	20.2
5 11	13 42.42	−13 8.3	1.540	2.504	8.7	20.4
5 21	13 35.83	−12 2.1	1.583	2.490	13.0	20.6
5 31	13 31.72	−11 9.6	1.647	2.475	16.7	20.8

107616 2001 EO_{6} 4 21.9 101°.71 3°.0/19.9 18

3 22	14 25.32	− 6 0.0	1.571	2.453	13.6	19.3
4 1	14 18.74	− 5 28.5	1.518	2.464	9.5	19.1
4 11	14 10.08	− 4 54.4	1.488	2.474	5.3	18.9
4 21	14 0.30	− 4 22.9	1.485	2.485	3.0	18.7
5 1	13 50.58	− 3 59.5	1.509	2.495	6.1	19.0
5 11	13 42.06	− 3 48.4	1.558	2.505	10.2	19.2
5 21	13 35.56	− 3 52.0	1.631	2.514	14.0	19.5
5 31	13 31.56	− 4 10.8	1.723	2.524	17.1	19.7

521263 2015 HQ_{192} 4 21.9 294°.71 5°.8/16.5 17

3 22	14 20.10	+ 4 7.2	2.130	3.008	10.6	21.0
4 1	14 14.74	+ 4 59.5	2.068	3.004	8.1	20.8
4 11	14 7.85	+ 5 46.5	2.033	2.999	6.1	20.7
4 21	14 0.11	+ 6 22.6	2.024	2.995	6.0	20.7
5 1	13 52.33	+ 6 43.3	2.042	2.990	7.9	20.8
5 11	13 45.32	+ 6 45.9	2.085	2.986	10.5	20.9
5 21	13 39.71	+ 6 29.9	2.152	2.982	13.1	21.1
5 31	13 35.95	+ 5 56.5	2.237	2.977	15.4	21.3

158346 2001 XQ_{67} 4 21.9 104°.47 1°.9/20.3 18

3 22	14 23.66	− 8 43.9	2.072	2.942	11.3	21.1
4 1	14 17.08	− 7 58.1	2.026	2.967	7.8	21.0
4 11	14 9.01	− 7 8.0	2.006	2.992	4.2	20.8
4 21	14 0.22	− 6 18.1	2.014	3.016	1.9	20.6
5 1	13 51.58	− 5 33.4	2.052	3.039	4.6	20.9
5 11	13 43.93	− 4 58.0	2.117	3.062	8.1	21.1
5 21	13 37.87	− 4 34.8	2.208	3.084	11.2	21.4
5 31	13 33.76	− 4 25.1	2.320	3.105	13.7	21.6

509919 2009 HF_{12} 4 21.9 334°.80 8°.6/17.4 17

3 22	14 28.37	+11 16.8	1.718	2.582	13.6	19.8
4 1	14 20.99	+11 20.5	1.647	2.565	11.0	19.6
4 11	14 11.38	+11 8.1	1.599	2.550	9.0	19.5
4 21	14 0.45	+10 34.2	1.577	2.535	8.7	19.4
5 1	13 49.36	+ 9 35.8	1.582	2.521	10.4	19.5
5 11	13 39.32	+ 8 13.3	1.611	2.508	13.3	19.6
5 21	13 31.24	+ 6 30.3	1.664	2.496	16.3	19.8
5 31	13 25.73	+ 4 31.4	1.736	2.485	19.0	19.9

91072 1998 FC_{77} 4 21.9 46°.88 3°.3/19.5 18

3 22	14 21.15	− 6 38.9	1.471	2.361	13.8	19.0
4 1	14 15.83	− 5 44.2	1.426	2.377	9.6	18.8
4 11	14 8.51	− 4 45.8	1.406	2.393	5.4	18.6
4 21	14 0.18	− 3 50.7	1.410	2.409	3.4	18.5
5 1	13 51.98	− 3 5.6	1.441	2.426	6.5	18.7
5 11	13 45.00	− 2 35.9	1.497	2.443	10.5	19.0
5 21	13 39.98	− 2 24.2	1.574	2.461	14.2	19.2
5 31	13 37.37	− 2 30.8	1.671	2.479	17.3	19.5

410254 2007 TH_{111} 4 21.9 231°.02 2°.7/24.1 14 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 24.89	−21 24.7	1.789	2.633	14.0	22.2
4 1	14 18.67	−21 9.3	1.701	2.622	10.6	21.9
4 11	14 10.21	−20 36.4	1.637	2.610	6.6	21.7
4 21	14 0.35	−19 47.4	1.599	2.598	3.1	21.4
5 1	13 50.22	−18 46.4	1.588	2.585	4.3	21.4
5 11	13 41.01	−17 40.4	1.605	2.571	8.4	21.7
5 21	13 33.68	−16 36.9	1.647	2.557	12.4	21.9
5 31	13 28.88	−15 42.6	1.710	2.542	16.0	22.1

359768 2011 UH_{126} 4 21.9 263°.79 3°.5/24.3 16

3 22	14 24.74	−22 9.7	1.507	2.358	15.8	21.4
4 1	14 18.98	−22 2.3	1.418	2.341	12.0	21.1
4 11	14 10.57	−21 34.3	1.351	2.324	7.8	20.8
4 21	14 0.40	−20 46.3	1.309	2.307	3.9	20.6
5 1	13 49.78	−19 42.5	1.292	2.289	5.0	20.6
5 11	13 40.18	−18 31.2	1.302	2.270	9.5	20.8
5 21	13 32.76	−17 21.4	1.334	2.252	14.2	21.0
5 31	13 28.30	−16 21.7	1.387	2.233	18.3	21.2

269985 2000 UK_{44} 4 21.9 225°.48 0°.6/22.5 18

3 22	14 22.13	−16 13.0	2.454	3.304	10.5	21.9
4 1	14 16.17	−15 42.1	2.362	3.291	7.6	21.7
4 11	14 8.66	−15 0.9	2.296	3.277	4.2	21.5
4 21	14 0.22	−14 11.9	2.259	3.263	0.8	21.2
5 1	13 51.61	−13 19.0	2.251	3.248	3.2	21.3
5 11	13 43.65	−12 27.0	2.273	3.232	6.7	21.5
5 21	13 36.98	−11 40.3	2.322	3.215	10.0	21.7
5 31	13 32.10	−11 2.8	2.394	3.198	12.8	21.9

289034 2004 TJ_{133} 4 21.9 259°.30 1°.2/21.0 17

3 22	14 23.91	−12 36.8	1.700	2.572	13.3	20.6
4 1	14 18.06	−11 39.0	1.607	2.549	9.5	20.3
4 11	14 9.94	−10 27.8	1.537	2.524	5.1	20.0
4 21	14 0.34	− 9 8.2	1.495	2.499	1.2	19.6
5 1	13 50.36	− 7 47.6	1.480	2.473	5.2	19.8
5 11	13 41.19	− 6 34.1	1.493	2.446	10.0	20.1
5 21	13 33.84	− 5 34.8	1.529	2.419	14.4	20.3
5 31	13 29.00	− 4 54.2	1.585	2.390	18.2	20.4

2953 Vysheslavia 4 21.9 308°.99 0°.4/22.3 18

3 22	14 20.57	−15 10.8	1.930	2.796	12.2	16.2
4 1	14 15.30	−14 44.2	1.857	2.794	8.7	16.0
4 11	14 8.25	−14 7.0	1.808	2.793	4.8	15.7
4 21	14 0.18	−13 22.1	1.786	2.791	0.7	15.4
5 1	13 52.01	−12 34.4	1.792	2.789	3.7	15.6
5 11	13 44.69	−11 49.4	1.825	2.787	7.8	15.9
5 21	13 38.97	−11 12.0	1.883	2.786	11.5	16.1
5 31	13 35.34	−10 45.8	1.962	2.784	14.6	16.3

57831 2001 XX_{16} 4 21.9 232°.56 0°.8/21.3 18

3 22	14 23.74	−11 17.3	2.218	3.081	10.9	19.3
4 1	14 17.43	−10 53.1	2.130	3.067	7.7	19.0
4 11	14 9.39	−10 22.1	2.067	3.053	4.1	18.8
4 21	14 0.29	− 9 47.2	2.033	3.037	0.8	18.5
5 1	13 50.98	− 9 12.4	2.028	3.021	4.0	18.7
5 11	13 42.36	− 8 42.1	2.052	3.005	7.8	18.9
5 21	13 35.16	− 8 19.9	2.102	2.987	11.2	19.1
5 31	13 29.94	− 8 8.6	2.173	2.969	14.2	19.3

423587 2005 VK_{107} 4 21.9 317°.48 1°.9/23.2 17

3 22	14 22.44	−17 26.7	1.522	2.390	14.7	20.6
4 1	14 17.18	−17 29.9	1.442	2.378	10.9	20.4
4 11	14 9.51	−17 19.1	1.385	2.366	6.4	20.1
4 21	14 0.31	−16 55.9	1.353	2.355	2.2	19.8
5 1	13 50.78	−16 24.2	1.346	2.344	4.4	19.9
5 11	13 42.25	−15 50.3	1.365	2.334	9.2	20.1
5 21	13 35.75	−15 20.3	1.407	2.324	13.6	20.4
5 31	13 31.98	−14 59.9	1.469	2.315	17.4	20.6

231871 2000 TD_{13} 4 21.9 117°.76 1°.5/20.4 18

3 22	14 21.03	−11 21.7	2.131	3.000	11.1	21.0
4 1	14 15.28	−10 7.2	2.076	3.017	7.7	20.8
4 11	14 8.08	− 8 45.2	2.047	3.034	4.0	20.6
4 21	14 0.16	− 7 21.4	2.047	3.050	1.5	20.5
5 1	13 52.33	− 6 1.8	2.077	3.066	4.4	20.7
5 11	13 45.40	− 4 52.5	2.136	3.081	7.9	21.0
5 21	13 39.94	− 3 57.2	2.219	3.096	11.1	21.2
5 31	13 36.33	− 3 18.3	2.325	3.110	13.7	21.4

98116 2000 RA_{103} 4 21.9 305°.85 3°.6/27.7 18

3 22	14 15.61	−30 59.0	4.123	4.897	8.0	19.1
4 1	14 11.20	−31 8.0	4.026	4.888	6.5	19.0
4 11	14 5.86	−31 6.3	3.954	4.879	5.0	18.8
4 21	13 59.97	−30 53.9	3.909	4.870	3.9	18.8
5 1	13 53.98	−30 32.0	3.892	4.861	3.7	18.7
5 11	13 48.36	−30 2.5	3.904	4.852	4.6	18.8
5 21	13 43.52	−29 28.1	3.943	4.843	6.1	18.9
5 31	13 39.80	−28 51.8	4.007	4.834	7.6	19.0

153574 2001 SJ_{220} 4 21.9 153°.45 0°.9/21.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 23.02	−11 36.1	2.166	3.031	11.1	21.7
4 1	14 16.76	−10 59.4	2.101	3.040	7.8	21.5
4 11	14 8.93	−10 15.6	2.062	3.048	4.1	21.3
4 21	14 0.24	− 9 28.6	2.051	3.055	0.9	21.0
5 1	13 51.57	− 8 42.8	2.069	3.061	3.9	21.3
5 11	13 43.74	− 8 3.0	2.115	3.067	7.6	21.5
5 21	13 37.40	− 7 32.7	2.188	3.073	10.9	21.7
5 31	13 33.00	− 7 14.5	2.282	3.078	13.6	21.9

115799 2003 UX_{233} 4 21.9 342°.98 1°.4/21.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 23.15	−10 45.7	1.415	2.300	14.6	19.8
4 1	14 17.58	−10 15.4	1.350	2.298	10.3	19.5
4 11	14 9.65	− 9 36.1	1.308	2.296	5.5	19.2
4 21	14 0.32	− 8 52.8	1.291	2.295	1.4	18.9
5 1	13 50.87	− 8 11.9	1.300	2.294	5.5	19.2
5 11	13 42.59	− 7 40.1	1.334	2.293	10.4	19.5
5 21	13 36.44	− 7 22.1	1.390	2.292	14.7	19.7
5 31	13 33.02	− 7 20.4	1.464	2.292	18.4	20.0

243851 2000 WO_{22} 4 21.9 215°.62 4°.2/18.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 24.89	− 2 47.8	1.862	2.739	12.0	21.1
4 1	14 18.38	− 1 55.3	1.789	2.732	8.6	20.8
4 11	14 9.94	− 1 1.8	1.742	2.723	5.4	20.6
4 21	14 0.35	− 0 13.2	1.722	2.714	4.3	20.5
5 1	13 50.62	+ 0 24.6	1.730	2.704	6.9	20.7
5 11	13 41.79	+ 0 47.1	1.765	2.693	10.5	20.9
5 21	13 34.65	+ 0 52.0	1.823	2.682	13.9	21.0
5 31	13 29.77	+ 0 38.9	1.901	2.670	16.9	21.2

47414 1999 XN_{147} 4 21.9 325°.98 0°.5/21.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.11	−12 50.7	1.302	2.189	15.4	18.8
4 1	14 16.43	−12 25.2	1.229	2.178	11.0	18.5
4 11	14 9.17	−11 47.3	1.178	2.166	5.9	18.2
4 21	14 0.29	−11 1.5	1.151	2.156	0.6	17.8
5 1	13 51.12	−10 14.5	1.149	2.145	5.3	18.1
5 11	13 43.08	− 9 34.2	1.170	2.136	10.7	18.4
5 21	13 37.26	− 9 6.9	1.213	2.127	15.5	18.6
5 31	13 34.37	− 8 56.7	1.274	2.119	19.6	18.8

520077 2013 WO_{113} 4 21.9 186°.27 3°.4/18.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 20.27	− 4 11.8	2.247	3.124	10.2	22.1
4 1	14 14.80	− 3 7.1	2.181	3.124	7.2	21.9
4 11	14 7.88	− 2 0.5	2.141	3.124	4.4	21.7
4 21	14 0.16	− 0 57.1	2.130	3.123	3.5	21.7
5 1	13 52.41	− 0 2.5	2.148	3.121	5.8	21.8
5 11	13 45.39	+ 0 39.1	2.193	3.119	8.8	22.0
5 21	13 39.72	+ 1 5.2	2.262	3.117	11.7	22.2
5 31	13 35.82	+ 1 14.8	2.352	3.114	14.2	22.3

297695 2001 VK_{34} 4 21.9 209°.58 1°.0/21.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 25.92	−11 22.4	2.054	2.917	11.7	22.0
4 1	14 19.04	−10 45.4	1.971	2.908	8.3	21.8
4 11	14 10.28	−10 0.2	1.914	2.899	4.4	21.5
4 21	14 0.39	− 9 10.7	1.885	2.889	1.0	21.2
5 1	13 50.33	− 8 21.8	1.886	2.878	4.4	21.5
5 11	13 41.08	− 7 38.7	1.915	2.865	8.4	21.7
5 21	13 33.44	− 7 5.9	1.970	2.852	12.0	21.9
5 31	13 27.97	− 6 46.3	2.046	2.837	15.1	22.1

509144 2006 BF_{102} 4 21.9 300°.90 4°.3/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 16.26	−34 38.1	4.176	4.924	8.3	20.9
4 1	14 11.70	−34 52.3	4.077	4.914	7.0	20.8
4 11	14 6.15	−34 54.8	4.002	4.905	5.6	20.7
4 21	14 0.01	−34 45.2	3.954	4.895	4.6	20.6
5 1	13 53.77	−34 24.4	3.933	4.886	4.3	20.6
5 11	13 47.91	−33 54.3	3.940	4.876	5.0	20.6
5 21	13 42.85	−33 17.6	3.975	4.867	6.2	20.7
5 31	13 38.96	−32 37.6	4.034	4.857	7.7	20.8

508443 2016 LE_{29} 4 21.9 251°.68 0°.4/22.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 20.19	−17 12.5	2.093	2.950	11.7	21.9
4 1	14 15.01	−16 12.7	2.003	2.936	8.5	21.6
4 11	14 8.12	−14 58.5	1.938	2.921	4.7	21.4
4 21	14 0.20	−13 33.7	1.901	2.905	0.7	21.0
5 1	13 52.11	−12 4.4	1.893	2.889	3.6	21.2
5 11	13 44.77	−10 37.7	1.913	2.873	7.7	21.4
5 21	13 38.90	− 9 20.2	1.960	2.856	11.4	21.6
5 31	13 35.01	− 8 16.7	2.028	2.840	14.6	21.8

83310 2001 RV_{113} 4 21.9 92°.68 1°.5/20.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 20.41	− 9 16.6	2.203	3.075	10.6	19.5
4 1	14 14.85	− 8 38.6	2.147	3.090	7.4	19.3
4 11	14 7.88	− 7 56.1	2.117	3.104	3.9	19.1
4 21	14 0.16	− 7 12.8	2.115	3.118	1.5	19.0
5 1	13 52.50	− 6 33.2	2.143	3.132	4.2	19.2
5 11	13 45.66	− 6 1.3	2.197	3.146	7.6	19.4
5 21	13 40.22	− 5 39.9	2.277	3.160	10.6	19.7
5 31	13 36.58	− 5 30.8	2.379	3.173	13.2	19.9

306096 2010 HD_{51} 4 21.9 290°.52 4°.7/17.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 19.67	+ 1 3.3	2.194	3.074	10.3	20.1
4 1	14 14.45	+ 1 50.7	2.127	3.067	7.6	19.9
4 11	14 7.73	+ 2 35.2	2.085	3.060	5.3	19.8
4 21	14 0.16	+ 3 12.1	2.071	3.052	4.9	19.7
5 1	13 52.51	+ 3 36.7	2.084	3.045	6.9	19.8
5 11	13 45.58	+ 3 45.9	2.123	3.038	9.7	20.0
5 21	13 39.99	+ 3 38.7	2.186	3.031	12.4	20.1
5 31	13 36.20	+ 3 15.2	2.269	3.024	14.8	20.3

31546 1999 DP_{6} 4 21.9 25°.14 11°.4/13.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 22.07	+13 32.0	1.430	2.307	14.9	17.0
4 1	14 16.57	+14 54.1	1.395	2.313	12.6	16.9
4 11	14 8.96	+15 57.1	1.383	2.319	11.4	16.8
4 21	14 0.26	+16 32.3	1.393	2.326	11.9	16.9
5 1	13 51.70	+16 34.2	1.425	2.334	13.7	17.0
5 11	13 44.43	+16 2.5	1.478	2.342	16.2	17.2
5 21	13 39.23	+15 1.0	1.549	2.350	18.7	17.4
5 31	13 36.55	+13 35.2	1.636	2.359	20.8	17.6

106343 2000 UT_{110} 4 21.9 142°.61 2°.7/21.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 40.38	− 4 17.3	1.187	2.060	17.6	19.3
4 1	14 30.17	− 4 54.8	1.128	2.069	12.6	19.0
4 11	14 16.57	− 5 35.0	1.092	2.077	7.0	18.7
4 21	14 0.96	− 6 19.7	1.082	2.085	2.7	18.5
5 1	13 45.30	− 7 10.0	1.100	2.092	6.8	18.7
5 11	13 31.50	− 8 6.9	1.144	2.098	12.3	19.0
5 21	13 20.89	− 9 10.4	1.212	2.103	17.2	19.3
5 31	13 14.11	−10 20.8	1.297	2.108	21.2	19.6

289285 2004 XZ_{181} 4 21.9 314°.45 2°.1/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 14.27	−24 12.4	4.157	4.971	7.3	20.0
4 1	14 10.20	−24 6.7	4.068	4.967	5.6	19.9
4 11	14 5.31	−23 52.5	4.005	4.963	3.8	19.7
4 21	13 59.94	−23 30.8	3.970	4.959	2.4	19.6
5 1	13 54.52	−23 3.1	3.965	4.955	2.5	19.6
5 11	13 49.47	−22 31.6	3.989	4.951	4.0	19.7
5 21	13 45.13	−21 58.7	4.041	4.947	5.8	19.9
5 31	13 41.81	−21 27.1	4.119	4.943	7.5	20.0

182210 2000 WR_{82} 4 21.9 216°.15 0°.1/22.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.58	−14 10.8	3.124	3.975	8.4	21.3
4 1	14 14.09	−13 49.1	3.035	3.966	6.0	21.1
4 11	14 7.45	−13 20.9	2.973	3.956	3.3	20.9
4 21	14 0.14	−12 48.3	2.940	3.945	0.4	20.6
5 1	13 52.74	−12 14.0	2.939	3.934	2.6	20.8
5 11	13 45.82	−11 41.0	2.967	3.922	5.5	21.0
5 21	13 39.88	−11 12.3	3.022	3.910	8.1	21.1
5 31	13 35.31	−10 50.3	3.101	3.898	10.4	21.3

360151 2013 CX_{59} 4 21.9 47°.19 1°.2/20.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 17.74	−10 37.4	2.376	3.248	10.0	20.8
4 1	14 12.99	− 9 52.5	2.307	3.250	6.9	20.6
4 11	14 6.91	− 9 1.7	2.265	3.252	3.7	20.4
4 21	14 0.09	− 8 8.7	2.251	3.254	1.2	20.2
5 1	13 53.25	− 7 18.1	2.266	3.257	3.9	20.4
5 11	13 47.09	− 6 34.1	2.308	3.259	7.1	20.6
5 21	13 42.16	− 6 0.3	2.376	3.261	10.1	20.8
5 31	13 38.87	− 5 38.6	2.466	3.264	12.7	21.0

240020 2001 TA_{250} 4 21.9 277°.62 0°.2/21.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 22.18	−12 18.4	2.133	2.999	11.2	20.4
4 1	14 16.41	−12 12.1	2.048	2.986	8.0	20.2
4 11	14 8.88	−11 59.1	1.988	2.973	4.3	19.9
4 21	14 0.28	−11 41.6	1.955	2.960	0.4	19.6
5 1	13 51.47	−11 22.9	1.951	2.947	3.7	19.8
5 11	13 43.36	−11 6.8	1.975	2.933	7.6	20.1
5 21	13 36.69	−10 56.8	2.024	2.920	11.1	20.2
5 31	13 32.02	−10 55.6	2.095	2.907	14.1	20.4

117793 2005 GB_{135} 4 21.9 50°.53 0°.4/22.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 23.28	−15 3.7	1.333	2.213	15.7	20.0
4 1	14 17.66	−14 40.5	1.281	2.224	11.2	19.8
4 11	14 9.65	−14 3.7	1.250	2.236	6.1	19.5
4 21	14 0.35	−13 17.7	1.244	2.248	0.8	19.2
5 1	13 51.09	−12 28.9	1.263	2.261	4.7	19.5
5 11	13 43.20	−11 45.1	1.307	2.274	9.7	19.8
5 21	13 37.59	−11 12.1	1.374	2.287	14.1	20.1
5 31	13 34.76	−10 53.9	1.460	2.301	17.8	20.4

363693 2004 TM_{203} 4 21.9 197°.70 0°.8/22.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 24.34	−17 33.0	1.947	2.800	12.7	21.8
4 1	14 17.99	−16 48.0	1.866	2.796	9.2	21.6
4 11	14 9.73	−15 48.6	1.811	2.792	5.2	21.3
4 21	14 0.36	−14 38.3	1.783	2.787	1.1	21.0
5 1	13 50.88	−13 22.9	1.785	2.782	3.8	21.2
5 11	13 42.30	−12 9.5	1.814	2.775	8.0	21.5
5 21	13 35.43	−11 4.3	1.870	2.767	11.8	21.7
5 31	13 30.80	−10 12.3	1.947	2.759	15.1	21.9

18473 Kikuchijun 4 21.9 128°.52 0°.8/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 22.20	−16 16.3	1.983	2.842	12.2	18.6
4 1	14 16.38	−15 55.8	1.915	2.848	8.8	18.4
4 11	14 8.82	−15 24.2	1.872	2.854	4.9	18.2
4 21	14 0.29	−14 44.4	1.856	2.860	1.1	17.9
5 1	13 51.71	−14 0.7	1.868	2.865	3.6	18.1
5 11	13 44.04	−13 18.3	1.907	2.870	7.5	18.3
5 21	13 37.97	−12 42.0	1.972	2.875	11.0	18.6
5 31	13 34.01	−12 15.7	2.059	2.880	14.0	18.8

118829 2000 SJ_{163} 4 21.9 70°.98 3°.2/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 22.89	−22 29.8	2.204	3.037	12.1	19.6
4 1	14 16.76	−22 44.0	2.141	3.052	9.2	19.4
4 11	14 8.99	−22 44.7	2.101	3.067	6.1	19.2
4 21	14 0.30	−22 32.6	2.089	3.082	3.5	19.1
5 1	13 51.59	−22 10.1	2.105	3.097	3.9	19.1
5 11	13 43.76	−21 41.5	2.148	3.112	6.7	19.3
5 21	13 37.47	−21 11.5	2.218	3.127	9.7	19.5
5 31	13 33.20	−20 44.6	2.310	3.142	12.4	19.7

270496 2002 EU_{136} 4 21.9 90°.33 2°.8/24.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 25.00	−20 19.6	1.837	2.683	13.6	20.6
4 1	14 18.52	−20 31.9	1.772	2.694	10.2	20.4
4 11	14 10.03	−20 30.1	1.731	2.704	6.4	20.2
4 21	14 0.40	−20 15.1	1.717	2.715	3.1	20.1
5 1	13 50.73	−19 50.0	1.730	2.726	4.1	20.1
5 11	13 42.10	−19 19.9	1.771	2.736	7.7	20.4
5 21	13 35.32	−18 50.2	1.836	2.746	11.3	20.6
5 31	13 30.93	−18 25.9	1.923	2.757	14.4	20.8

500996 2013 RC_{22} 4 21.9 177°.05 3°.6/25.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 25.63	−23 47.7	2.226	3.049	12.4	21.3
4 1	14 18.83	−24 3.4	2.146	3.050	9.5	21.1
4 11	14 10.18	−24 4.7	2.091	3.052	6.5	20.9
4 21	14 0.42	−23 51.7	2.063	3.053	3.9	20.8
5 1	13 50.52	−23 26.2	2.063	3.053	4.3	20.8
5 11	13 41.43	−22 52.6	2.092	3.053	7.1	20.9
5 21	13 33.95	−22 16.1	2.147	3.052	10.2	21.1
5 31	13 28.61	−21 42.0	2.226	3.051	13.0	21.3

251852 1999 UD_{10} 4 21.9 185°.40 11°.4/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 29.65	−41 35.2	1.423	2.180	21.2	20.3
4 1	14 22.93	−41 47.9	1.345	2.181	18.4	20.1
4 11	14 12.83	−41 20.8	1.284	2.181	15.3	19.9
4 21	14 0.67	−40 8.5	1.243	2.180	12.6	19.7
5 1	13 48.36	−38 12.6	1.224	2.179	11.4	19.6
5 11	13 37.80	−35 43.4	1.230	2.176	12.4	19.7
5 21	13 30.32	−32 57.2	1.259	2.174	15.1	19.8
5 31	13 26.57	−30 11.5	1.310	2.170	18.3	20.0

293167 2006 YC_{38} 4 21.9 353°.99 8°.8/27.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 23.02	−30 51.2	1.361	2.187	18.6	19.7
4 1	14 18.10	−31 51.7	1.290	2.182	15.4	19.5
4 11	14 10.25	−32 26.3	1.237	2.178	12.0	19.3
4 21	14 0.45	−32 31.0	1.206	2.176	9.4	19.1
5 1	13 50.25	−32 6.1	1.198	2.174	9.0	19.1
5 11	13 41.31	−31 17.6	1.213	2.173	11.1	19.2
5 21	13 34.91	−30 15.5	1.249	2.173	14.5	19.4
5 31	13 31.85	−29 10.6	1.305	2.173	17.9	19.6

207433 2006 DG_{190} 4 21.9 317°.23 0°.8/21.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.61	−11 27.4	1.814	2.689	12.4	20.6
4 1	14 16.14	−11 4.5	1.743	2.686	8.8	20.3
4 11	14 8.78	−10 33.9	1.695	2.682	4.7	20.1
4 21	14 0.31	− 9 59.3	1.675	2.679	0.8	19.8
5 1	13 51.71	− 9 25.3	1.682	2.676	4.4	20.1
5 11	13 44.02	− 8 57.1	1.715	2.673	8.6	20.3
5 21	13 38.00	− 8 38.6	1.773	2.670	12.3	20.5
5 31	13 34.19	− 8 32.6	1.851	2.668	15.5	20.7

502658 2015 CU_{48} 4 21.9 85°.93 2°.4/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 25.27	−19 55.1	1.934	2.778	13.1	21.3
4 1	14 18.50	−19 58.8	1.879	2.801	9.7	21.1
4 11	14 9.93	−19 48.9	1.849	2.823	5.9	21.0
4 21	14 0.40	−19 27.2	1.845	2.844	2.7	20.8
5 1	13 50.96	−18 57.0	1.870	2.866	3.8	20.9
5 11	13 42.59	−18 23.4	1.922	2.887	7.3	21.2
5 21	13 36.01	−17 51.5	2.000	2.908	10.7	21.4
5 31	13 31.68	−17 25.8	2.100	2.928	13.6	21.6

384658 2011 FB_{16} 4 21.9 245°.78 3°.6/18.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.51	− 3 46.7	1.943	2.824	11.4	21.2
4 1	14 15.92	− 3 2.7	1.875	2.819	8.1	21.0
4 11	14 8.61	− 2 17.6	1.832	2.815	4.9	20.8
4 21	14 0.30	− 1 36.4	1.816	2.810	3.7	20.7
5 1	13 51.91	− 1 4.3	1.828	2.806	6.2	20.8
5 11	13 44.35	− 0 45.4	1.866	2.801	9.6	21.0
5 21	13 38.34	− 0 42.0	1.928	2.796	12.9	21.2
5 31	13 34.38	− 0 54.5	2.010	2.791	15.7	21.4

129796 1999 JE_{121} 4 21.9 296°.78 2°.8/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 21.74	− 9 9.6	1.391	2.281	14.5	19.8
4 1	14 16.96	− 8 8.7	1.300	2.251	10.3	19.5
4 11	14 9.58	− 6 55.8	1.232	2.221	5.7	19.1
4 21	14 0.42	− 5 37.6	1.189	2.190	2.9	18.9
5 1	13 50.71	− 4 23.0	1.171	2.160	6.9	19.0
5 11	13 41.87	− 3 21.6	1.178	2.130	12.2	19.2
5 21	13 35.07	− 2 40.4	1.205	2.100	17.1	19.4
5 31	13 31.16	− 2 23.3	1.250	2.070	21.4	19.6

55371 2001 SP_{239} 4 21.9 200°.26 1°.9/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.67	− 7 23.1	2.544	3.415	9.4	19.8
4 1	14 14.31	− 6 43.1	2.470	3.412	6.6	19.6
4 11	14 7.63	− 5 59.7	2.423	3.409	3.6	19.4
4 21	14 0.22	− 5 16.5	2.405	3.406	2.0	19.3
5 1	13 52.74	− 4 37.5	2.417	3.402	4.2	19.5
5 11	13 45.90	− 4 6.2	2.457	3.398	7.3	19.6
5 21	13 40.23	− 3 45.4	2.522	3.393	10.1	19.8
5 31	13 36.16	− 3 36.5	2.609	3.388	12.5	20.0

235441 2003 YV_{123} 4 21.9 125°.39 0°.0/21.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 20.63	−14 14.3	2.055	2.920	11.6	21.1
4 1	14 15.24	−13 43.2	1.986	2.923	8.2	20.9
4 11	14 8.22	−13 2.6	1.941	2.926	4.4	20.7
4 21	14 0.28	−12 16.1	1.924	2.929	0.4	20.3
5 1	13 52.29	−11 28.1	1.936	2.932	3.6	20.6
5 11	13 45.14	−10 43.9	1.975	2.935	7.5	20.9
5 21	13 39.48	−10 7.7	2.039	2.937	10.9	21.1
5 31	13 35.79	− 9 42.9	2.125	2.940	13.9	21.3

116705 2004 CO_{102} 4 21.9 70°.94 0°.5/22.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.17	−16 42.1	2.073	2.934	11.7	19.5
4 1	14 14.21	−15 58.8	2.002	2.936	8.4	19.3
4 11	14 7.66	−15 3.5	1.956	2.939	4.7	19.1
4 21	14 0.23	−13 59.9	1.937	2.941	0.8	18.8
5 1	13 52.76	−12 53.2	1.946	2.944	3.5	19.0
5 11	13 46.11	−11 49.5	1.984	2.946	7.3	19.3
5 21	13 40.92	−10 54.0	2.047	2.949	10.7	19.5
5 31	13 37.66	−10 10.5	2.131	2.951	13.7	19.7

286096 2001 TR_{47} 4 21.9 244°.90 3°.9/17.8 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 18.66	− 2 24.6	2.271	3.152	10.0	20.8
4 1	14 13.72	− 1 18.6	2.202	3.145	7.2	20.6
4 11	14 7.37	− 0 11.9	2.158	3.138	4.6	20.5
4 21	14 0.21	+ 0 50.4	2.143	3.131	4.1	20.4
5 1	13 52.97	+ 1 42.7	2.157	3.124	6.2	20.5
5 11	13 46.41	+ 2 21.0	2.197	3.117	9.1	20.7
5 21	13 41.13	+ 2 42.9	2.260	3.110	11.9	20.9
5 31	13 37.56	+ 2 47.7	2.345	3.102	14.3	21.0

475223 2005 VU_{96} 4 21.9 252°.39 1°.6/23.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.19	−20 15.3	2.745	3.583	9.9	22.5
4 1	14 14.04	−19 48.0	2.646	3.565	7.3	22.3
4 11	14 7.55	−19 9.0	2.574	3.547	4.5	22.1
4 21	14 0.23	−18 20.1	2.529	3.529	1.9	21.9
5 1	13 52.75	−17 24.6	2.514	3.511	2.9	21.9
5 11	13 45.82	−16 26.7	2.529	3.492	5.9	22.1
5 21	13 40.01	−15 31.0	2.570	3.473	8.8	22.3
5 31	13 35.78	−14 41.6	2.636	3.453	11.4	22.4

496934 2001 VA_{6} 4 21.9 145°.20 0°.7/22.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.17	−17 51.4	2.900	3.743	9.2	22.0
4 1	14 13.80	−17 7.0	2.829	3.754	6.6	21.8
4 11	14 7.30	−16 13.2	2.785	3.765	3.8	21.7
4 21	14 0.20	−15 12.8	2.771	3.775	0.9	21.4
5 1	13 53.13	−14 9.4	2.787	3.784	2.6	21.6
5 11	13 46.69	−13 7.4	2.833	3.793	5.5	21.8
5 21	13 41.35	−12 10.7	2.907	3.801	8.2	22.0
5 31	13 37.46	−11 22.5	3.004	3.809	10.5	22.2

241169 2007 RT_{148} 4 21.9 146°.23 1°.3/20.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.04	− 9 58.2	2.141	3.012	10.9	20.4
4 1	14 15.46	− 9 26.4	2.073	3.016	7.6	20.2
4 11	14 8.31	− 8 49.0	2.032	3.019	4.0	20.0
4 21	14 0.30	− 8 9.6	2.018	3.022	1.3	19.8
5 1	13 52.26	− 7 32.8	2.033	3.024	4.2	20.0
5 11	13 45.00	− 7 2.7	2.076	3.027	7.8	20.2
5 21	13 39.19	− 6 42.5	2.143	3.030	11.0	20.4
5 31	13 35.26	− 6 34.3	2.232	3.032	13.8	20.6

219579 2001 SK_{244} 4 21.9 245°.47 3°.4/18.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.41	− 5 39.3	1.954	2.834	11.4	21.0
4 1	14 15.94	− 4 31.2	1.875	2.820	8.1	20.8
4 11	14 8.68	− 3 18.3	1.821	2.806	4.7	20.5
4 21	14 0.34	− 2 6.6	1.795	2.791	3.5	20.4
5 1	13 51.84	− 1 2.9	1.797	2.775	6.2	20.6
5 11	13 44.10	− 0 12.8	1.826	2.760	9.9	20.8
5 21	13 37.89	+ 0 19.9	1.879	2.743	13.3	20.9
5 31	13 33.74	+ 0 33.6	1.952	2.727	16.3	21.1

472661 2015 DU_{221} 4 21.9 155°.99 4°.8/16.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 20.30	− 0 13.0	2.134	3.015	10.6	21.3
4 1	14 14.87	+ 1 5.3	2.079	3.020	7.7	21.1
4 11	14 7.97	+ 2 22.0	2.049	3.025	5.3	21.0
4 21	14 0.27	+ 3 31.1	2.048	3.029	5.1	21.0
5 1	13 52.59	+ 4 26.8	2.075	3.033	7.1	21.1
5 11	13 45.71	+ 5 5.0	2.128	3.036	10.0	21.3
5 21	13 40.23	+ 5 24.1	2.204	3.039	12.7	21.5
5 31	13 36.58	+ 5 24.3	2.300	3.042	15.0	21.7

500951 2013 QS_{27} 4 21.9 331°.53 1°.7/20.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.19	−11 10.9	1.251	2.146	15.4	20.5
4 1	14 15.14	−10 26.7	1.179	2.132	10.9	20.2
4 11	14 8.55	− 9 30.4	1.129	2.119	5.8	19.9
4 21	14 0.34	− 8 28.0	1.102	2.106	1.7	19.5
5 1	13 51.85	− 7 28.1	1.100	2.095	6.1	19.8
5 11	13 44.48	− 6 39.5	1.121	2.084	11.4	20.0
5 21	13 39.32	− 6 8.3	1.163	2.074	16.3	20.3
5 31	13 37.05	− 5 58.3	1.222	2.066	20.4	20.5

181441 2006 SV_{381} 4 21.9 116°.28 2°.5/19.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 19.50	− 5 50.9	2.413	3.288	9.7	20.9
4 1	14 14.17	− 5 5.1	2.355	3.299	6.8	20.8
4 11	14 7.54	− 4 17.2	2.324	3.309	3.8	20.6
4 21	14 0.24	− 3 31.5	2.321	3.318	2.5	20.5
5 1	13 52.96	− 2 51.9	2.347	3.328	4.7	20.7
5 11	13 46.39	− 2 22.2	2.401	3.337	7.7	20.9
5 21	13 41.08	− 2 4.4	2.480	3.347	10.4	21.1
5 31	13 37.41	− 1 59.7	2.580	3.355	12.7	21.2

79065 3102 T-3 4 21.9 202°.82 1°.3/20.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 24.09	−10 42.3	1.940	2.809	12.0	20.7
4 1	14 17.81	−10 2.5	1.864	2.805	8.4	20.5
4 11	14 9.67	− 9 15.1	1.814	2.800	4.5	20.2
4 21	14 0.44	− 8 24.2	1.791	2.795	1.3	20.0
5 1	13 51.09	− 7 35.3	1.797	2.789	4.6	20.2
5 11	13 42.61	− 6 53.6	1.831	2.782	8.6	20.4
5 21	13 35.77	− 6 23.5	1.890	2.775	12.3	20.6
5 31	13 31.11	− 6 7.5	1.969	2.767	15.4	20.8

431864 2008 SW_{115} 4 21.9 144°.18 2°.9/19.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 20.96	− 5 56.7	2.017	2.896	11.1	21.5
4 1	14 15.44	− 5 6.4	1.955	2.900	7.8	21.3
4 11	14 8.32	− 4 13.2	1.918	2.903	4.4	21.1
4 21	14 0.32	− 3 22.1	1.909	2.907	2.9	21.0
5 1	13 52.31	− 2 38.4	1.928	2.910	5.5	21.2
5 11	13 45.14	− 2 6.5	1.974	2.913	8.9	21.4
5 21	13 39.46	− 1 49.1	2.044	2.916	12.1	21.6
5 31	13 35.74	− 1 47.1	2.135	2.918	14.8	21.8

338345 2002 WM_{24} 4 22.0 246°.83 2°.2/26.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 13.48	−26 46.3	4.638	5.436	6.8	21.1
4 1	14 9.61	−26 23.6	4.543	5.430	5.3	21.0
4 11	14 5.02	−25 51.9	4.475	5.424	3.7	20.9
4 21	14 0.02	−25 12.1	4.435	5.417	2.5	20.8
5 1	13 55.00	−24 26.1	4.424	5.411	2.4	20.8
5 11	13 50.32	−23 36.1	4.444	5.404	3.7	20.8
5 21	13 46.29	−22 44.7	4.492	5.398	5.3	21.0
5 31	13 43.18	−21 54.5	4.566	5.391	6.8	21.1

507141 2009 WV_{26} 4 22.0 228°.66 1°.6/20.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 24.34	− 8 32.3	1.977	2.848	11.7	22.1
4 1	14 17.99	− 8 14.5	1.899	2.841	8.3	21.8
4 11	14 9.79	− 7 52.3	1.847	2.833	4.4	21.6
4 21	14 0.47	− 7 28.9	1.822	2.825	1.6	21.4
5 1	13 50.99	− 7 8.6	1.826	2.817	4.7	21.6
5 11	13 42.32	− 6 55.2	1.858	2.808	8.6	21.8
5 21	13 35.26	− 6 51.7	1.914	2.799	12.2	22.0
5 31	13 30.35	− 7 0.0	1.991	2.790	15.2	22.2

142223 2002 RE_{75} 4 22.0 312°.23 0°.1/22.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 20.94	−14 21.8	1.291	2.177	15.7	19.9
4 1	14 16.62	−13 58.0	1.201	2.148	11.4	19.6
4 11	14 9.53	−13 18.9	1.131	2.119	6.3	19.2
4 21	14 0.48	−12 27.7	1.085	2.090	0.6	18.7
5 1	13 50.80	−11 31.1	1.064	2.062	5.3	18.9
5 11	13 42.03	−10 37.9	1.066	2.035	11.2	19.2
5 21	13 35.48	− 9 56.3	1.090	2.008	16.5	19.4
5 31	13 32.04	− 9 32.4	1.130	1.982	21.2	19.6

506202 2016 GH_{210} 4 22.0 301°.71 0°.1/21.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.48	−14 1.5	1.484	2.362	14.4	21.5
4 1	14 16.61	−13 32.2	1.398	2.343	10.4	21.2
4 11	14 9.32	−12 49.5	1.336	2.323	5.7	20.9
4 21	14 0.45	−11 57.3	1.298	2.303	0.5	20.5
5 1	13 51.19	−11 1.7	1.287	2.284	4.9	20.8
5 11	13 42.86	−10 10.6	1.300	2.264	10.0	21.0
5 21	13 36.53	− 9 30.6	1.336	2.246	14.7	21.2
5 31	13 32.91	− 9 6.6	1.391	2.227	18.7	21.4

457560 2008 YQ_{100} 4 22.0 315°.34 5°.7/25.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 22.98	−25 41.0	1.303	2.153	17.9	20.4
4 1	14 18.07	−25 57.1	1.226	2.143	14.1	20.1
4 11	14 10.26	−25 48.3	1.168	2.133	9.9	19.8
4 21	14 0.54	−25 13.6	1.132	2.123	6.3	19.6
5 1	13 50.41	−24 16.3	1.121	2.113	6.5	19.6
5 11	13 41.51	−23 4.9	1.133	2.104	10.3	19.7
5 21	13 35.09	−21 50.1	1.167	2.096	14.8	20.0
5 31	13 31.94	−20 42.4	1.220	2.088	18.9	20.2

229221 2004 WW_{2} 4 22.0 143°.50 2°.0/20.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.72	− 8 19.2	2.103	2.976	11.0	21.1
4 1	14 15.92	− 7 36.7	2.040	2.983	7.7	20.9
4 11	14 8.57	− 6 49.7	2.003	2.990	4.1	20.7
4 21	14 0.36	− 6 2.5	1.994	2.996	2.0	20.5
5 1	13 52.16	− 5 20.0	2.014	3.002	4.7	20.7
5 11	13 44.79	− 4 46.5	2.062	3.007	8.2	20.9
5 21	13 38.90	− 4 25.0	2.134	3.012	11.4	21.1
5 31	13 34.92	− 4 17.1	2.227	3.017	14.1	21.3

463677 2014 OY_{97} 4 22.0 224°.67 4°.2/24.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 26.44	−24 2.5	1.691	2.526	15.1	22.2
4 1	14 19.99	−24 8.8	1.606	2.518	11.7	21.9
4 11	14 11.08	−23 55.8	1.545	2.510	7.9	21.7
4 21	14 0.61	−23 23.4	1.508	2.501	4.6	21.5
5 1	13 49.83	−22 34.6	1.498	2.491	5.1	21.5
5 11	13 40.07	−21 36.1	1.515	2.481	8.8	21.7
5 21	13 32.37	−20 35.8	1.557	2.470	12.8	21.9
5 31	13 27.42	−19 41.5	1.620	2.459	16.4	22.1

498376 2007 WC_{23} 4 22.0 115°.82 0°.8/21.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 21.52	−10 47.7	2.513	3.377	9.8	22.2
4 1	14 15.55	−10 24.7	2.455	3.392	6.8	22.0
4 11	14 8.28	− 9 56.7	2.422	3.408	3.6	21.8
4 21	14 0.33	− 9 26.7	2.419	3.423	0.8	21.6
5 1	13 52.43	− 8 57.9	2.446	3.438	3.4	21.9
5 11	13 45.27	− 8 33.8	2.501	3.453	6.6	22.1
5 21	13 39.38	− 8 17.0	2.582	3.467	9.4	22.3
5 31	13 35.15	− 8 9.3	2.686	3.480	11.8	22.5

47149 1999 RX_{34} 4 22.0 276°.01 1°.4/21.2 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 25.10	−11 19.9	1.339	2.222	15.4	18.1
4 1	14 19.43	−10 46.8	1.255	2.202	11.0	17.8
4 11	14 10.97	−10 1.9	1.193	2.181	5.9	17.4
4 21	14 0.62	− 9 10.1	1.156	2.160	1.4	17.1
5 1	13 49.76	− 8 18.5	1.144	2.139	5.9	17.3
5 11	13 39.94	− 7 35.4	1.157	2.117	11.5	17.6
5 21	13 32.37	− 7 7.2	1.192	2.096	16.6	17.8
5 31	13 27.90	− 6 58.2	1.244	2.074	20.9	18.0

213081 1999 TP_{137} 4 22.0 130°.18 1°.6/20.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 22.63	−12 1.6	1.800	2.672	12.6	20.6
4 1	14 16.71	−10 43.3	1.742	2.685	8.8	20.3
4 11	14 9.02	− 9 15.3	1.710	2.697	4.6	20.1
4 21	14 0.41	− 7 43.9	1.705	2.709	1.6	19.9
5 1	13 51.87	− 6 16.8	1.730	2.720	5.0	20.2
5 11	13 44.38	− 5 1.4	1.781	2.730	9.0	20.4
5 21	13 38.63	− 4 2.4	1.857	2.740	12.6	20.7
5 31	13 35.06	− 3 22.4	1.954	2.750	15.6	20.9

216889 2008 YW_{17} 4 22.0 166°.10 1°.1/20.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 20.56	−10 36.1	2.296	3.165	10.4	21.7
4 1	14 15.05	− 9 59.8	2.227	3.167	7.3	21.5
4 11	14 8.09	− 9 17.7	2.183	3.170	3.8	21.3
4 21	14 0.33	− 8 33.1	2.168	3.172	1.1	21.1
5 1	13 52.52	− 7 50.5	2.182	3.174	3.9	21.3
5 11	13 45.45	− 7 14.1	2.224	3.175	7.3	21.5
5 21	13 39.71	− 6 47.2	2.291	3.176	10.4	21.7
5 31	13 35.75	− 6 31.9	2.381	3.177	13.1	21.9

360344 2001 UC_{102} 4 22.0 155°.58 0°.9/21.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 25.22	−12 40.5	1.732	2.601	13.2	22.1
4 1	14 18.67	−11 52.5	1.669	2.609	9.3	21.9
4 11	14 10.14	−10 54.4	1.630	2.616	4.9	21.7
4 21	14 0.52	− 9 51.1	1.618	2.623	0.9	21.4
5 1	13 50.90	− 8 48.9	1.635	2.629	4.6	21.7
5 11	13 42.36	− 7 54.4	1.679	2.634	9.0	21.9
5 21	13 35.71	− 7 12.7	1.747	2.638	12.8	22.2
5 31	13 31.44	− 6 46.9	1.836	2.642	16.1	22.4

274489 2008 SD_{111} 4 22.0 281°.85 1°.3/20.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 22.35	−10 2.2	1.833	2.709	12.3	20.9
4 1	14 16.80	− 9 36.9	1.748	2.692	8.7	20.7
4 11	14 9.25	− 9 4.7	1.688	2.675	4.7	20.4
4 21	14 0.45	− 8 29.4	1.654	2.658	1.3	20.1
5 1	13 51.38	− 7 55.8	1.648	2.641	4.8	20.3
5 11	13 43.10	− 7 29.0	1.669	2.624	9.0	20.5
5 21	13 36.46	− 7 13.1	1.713	2.606	12.9	20.7
5 31	13 32.08	− 7 10.8	1.779	2.589	16.3	20.9