64680 2001 XJ_{70} 5 15.9 52°.02 3°.2/15.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 1.35	−10 5.9	1.542	2.397	15.6	18.8
4 21	15 55.56	−10 19.0	1.481	2.407	11.8	18.6
5 1	15 47.19	−10 35.5	1.441	2.418	7.6	18.4
5 11	15 37.15	−10 57.4	1.427	2.429	3.8	18.2
5 21	15 26.61	−11 25.8	1.439	2.440	4.4	18.2
5 31	15 16.82	−12 1.4	1.477	2.452	8.3	18.5
6 10	15 8.86	−12 44.7	1.539	2.464	12.4	18.7
6 20	15 3.40	−13 35.0	1.623	2.476	15.8	19.0

483378 2016 TJ_{9} 5 15.9 242°.36 3°.0/13.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 52.87	−13 10.9	2.513	3.359	10.6	21.2
4 21	15 48.41	−11 53.8	2.430	3.354	8.0	21.0
5 1	15 42.43	−10 32.7	2.373	3.349	5.2	20.8
5 11	15 35.49	− 9 11.9	2.345	3.343	3.1	20.7
5 21	15 28.25	− 7 55.8	2.346	3.338	4.1	20.7
5 31	15 21.41	− 6 48.8	2.375	3.333	6.8	20.9
6 10	15 15.58	− 5 54.4	2.431	3.327	9.6	21.1
6 20	15 11.24	− 5 14.4	2.509	3.322	12.1	21.2

311335 2005 OP_{28} 5 15.9 223°.61 4°.3/19.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 57.80	−36 33.1	3.081	3.847	10.8	21.9
4 21	15 52.15	−36 37.2	2.977	3.835	8.9	21.8
5 1	15 44.80	−36 28.4	2.896	3.823	6.8	21.6
5 11	15 36.32	−36 5.5	2.842	3.811	4.9	21.5
5 21	15 27.41	−35 28.8	2.815	3.798	4.3	21.4
5 31	15 18.86	−34 40.4	2.818	3.784	5.4	21.5
6 10	15 11.39	−33 44.1	2.849	3.770	7.4	21.6
6 20	15 5.53	−32 44.2	2.905	3.756	9.6	21.7

302205 2001 UM_{133} 5 15.9 293°.04 1°.2/15.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 57.01	−19 30.4	1.308	2.174	17.2	20.8
4 21	15 53.18	−18 52.9	1.221	2.155	13.1	20.5
5 1	15 46.22	−18 3.3	1.154	2.137	8.2	20.1
5 11	15 36.97	−17 4.5	1.111	2.118	2.8	19.8
5 21	15 26.69	−16 1.6	1.091	2.099	3.5	19.7
5 31	15 16.95	−15 2.1	1.096	2.080	9.2	20.0
6 10	15 9.18	−14 13.3	1.122	2.062	14.5	20.2
6 20	15 4.33	−13 40.6	1.168	2.044	19.2	20.5

211441 2003 AC_{51} 5 15.9 128°.44 4°.1/13.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 55.87	− 7 17.9	2.268	3.112	11.7	20.0
4 21	15 50.74	− 6 52.9	2.198	3.117	8.9	19.8
5 1	15 43.91	− 6 30.8	2.152	3.121	6.1	19.6
5 11	15 36.00	− 6 14.6	2.133	3.125	4.2	19.5
5 21	15 27.76	− 6 6.9	2.141	3.129	4.9	19.5
5 31	15 19.98	− 6 9.6	2.177	3.133	7.4	19.7
6 10	15 13.36	− 6 23.7	2.239	3.137	10.2	19.9
6 20	15 8.40	− 6 48.9	2.323	3.141	12.8	20.1

60529 2000 EU_{47} 5 15.9 352°.15 2°.4/14.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 55.79	−17 19.3	1.165	2.042	18.1	19.0
4 21	15 52.21	−16 31.4	1.099	2.039	13.6	18.7
5 1	15 45.50	−15 33.8	1.053	2.037	8.5	18.4
5 11	15 36.67	−14 31.7	1.029	2.035	3.3	18.1
5 21	15 27.09	−13 31.6	1.028	2.034	4.4	18.2
5 31	15 18.35	−12 41.3	1.050	2.033	9.8	18.5
6 10	15 11.80	−12 6.7	1.094	2.033	14.9	18.8
6 20	15 8.20	−11 50.9	1.156	2.034	19.2	19.0

499069 2009 EH 5 15.9 84°.03 0°.1/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.24	−18 39.8	2.395	3.221	11.7	21.2
4 21	15 54.50	−18 47.1	2.343	3.256	8.7	21.0
5 1	15 46.08	−18 50.1	2.317	3.291	5.4	20.8
5 11	15 36.69	−18 49.5	2.318	3.325	1.8	20.7
5 21	15 27.14	−18 46.5	2.350	3.358	1.8	20.7
5 31	15 18.23	−18 42.9	2.410	3.390	5.2	21.0
6 10	15 10.67	−18 41.1	2.499	3.422	8.3	21.2
6 20	15 4.90	−18 42.7	2.611	3.454	10.9	21.5

215586 2003 GB_{43} 5 15.9 7°.53 5°.5/14.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 58.02	− 3 54.8	1.637	2.491	14.9	19.0
4 21	15 52.97	− 4 5.5	1.571	2.492	11.6	18.8
5 1	15 45.57	− 4 25.6	1.527	2.495	8.2	18.6
5 11	15 36.63	− 4 58.0	1.507	2.499	5.7	18.4
5 21	15 27.16	− 5 43.8	1.514	2.503	6.3	18.5
5 31	15 18.30	− 6 42.9	1.546	2.509	9.3	18.7
6 10	15 11.04	− 7 53.7	1.602	2.515	12.7	18.9
6 20	15 6.05	− 9 13.7	1.680	2.522	15.9	19.1

409267 2004 RL_{17} 5 15.9 231°.71 2°.5/17.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 3.95	−25 39.2	1.882	2.704	14.6	22.3
4 21	15 57.71	−25 56.3	1.784	2.689	11.4	22.0
5 1	15 48.75	−26 3.2	1.708	2.674	7.7	21.7
5 11	15 37.79	−25 58.4	1.658	2.658	3.8	21.5
5 21	15 25.92	−25 42.1	1.635	2.641	3.1	21.4
5 31	15 14.43	−25 16.6	1.640	2.623	6.9	21.6
6 10	15 4.56	−24 46.9	1.672	2.604	11.1	21.8
6 20	14 57.17	−24 18.3	1.726	2.585	14.8	22.0

277013 2005 AW_{16} 5 15.9 223°.40 5°.9/12.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 56.88	− 2 2.2	2.295	3.131	11.8	20.6
4 21	15 51.56	− 1 18.9	2.215	3.122	9.4	20.4
5 1	15 44.48	− 0 41.1	2.159	3.113	7.2	20.3
5 11	15 36.23	− 0 13.2	2.129	3.103	6.0	20.2
5 21	15 27.55	+ 0 1.6	2.127	3.093	6.8	20.2
5 31	15 19.26	+ 0 0.9	2.152	3.082	9.0	20.3
6 10	15 12.09	− 0 16.0	2.201	3.071	11.5	20.5
6 20	15 6.59	− 0 48.1	2.272	3.060	14.0	20.6

506750 2006 VM_{80} 5 15.9 105°.85 2°.3/14.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 55.78	−12 17.9	2.277	3.122	11.6	21.4
4 21	15 50.74	−12 6.2	2.201	3.124	8.7	21.2
5 1	15 43.96	−11 54.3	2.150	3.126	5.5	21.0
5 11	15 36.04	−11 44.1	2.126	3.129	2.7	20.8
5 21	15 27.75	−11 37.9	2.130	3.131	3.3	20.8
5 31	15 19.90	−11 37.5	2.162	3.133	6.4	21.0
6 10	15 13.21	−11 44.6	2.220	3.135	9.5	21.2
6 20	15 8.21	−11 59.9	2.301	3.138	12.3	21.4

480641 2015 NJ_{14} 5 16.0 328°.90 1°.4/15.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 54.79	−15 31.2	2.041	2.891	12.5	20.7
4 21	15 50.31	−15 24.6	1.957	2.883	9.4	20.5
5 1	15 43.85	−15 15.4	1.897	2.875	5.9	20.2
5 11	15 36.05	−15 5.3	1.862	2.868	2.2	20.0
5 21	15 27.73	−14 56.5	1.855	2.861	2.7	20.0
5 31	15 19.81	−14 51.3	1.876	2.855	6.5	20.2
6 10	15 13.16	−14 52.1	1.921	2.849	10.1	20.4
6 20	15 8.38	−15 0.4	1.989	2.843	13.3	20.6

400517 2008 SP_{119} 5 16.0 197°.19 0°.1/15.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 2.18	−20 26.4	1.745	2.584	14.8	22.5
4 21	15 56.20	−20 9.2	1.662	2.581	11.2	22.3
5 1	15 47.66	−19 43.5	1.602	2.578	7.0	22.0
5 11	15 37.37	−19 10.4	1.567	2.574	2.4	21.7
5 21	15 26.43	−18 32.9	1.560	2.569	2.4	21.7
5 31	15 16.09	−17 55.3	1.581	2.563	7.2	22.0
6 10	15 7.45	−17 22.4	1.627	2.557	11.5	22.2
6 20	15 1.25	−16 58.2	1.695	2.549	15.2	22.4

440893 2006 UE_{144} 5 16.0 187°.10 0°.4/16.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 54.92	−22 53.0	3.015	3.836	9.7	22.2
4 21	15 49.76	−22 25.0	2.926	3.835	7.3	22.0
5 1	15 43.21	−21 49.8	2.862	3.834	4.6	21.8
5 11	15 35.77	−21 8.8	2.827	3.832	1.7	21.6
5 21	15 28.05	−20 24.0	2.821	3.830	1.5	21.6
5 31	15 20.70	−19 38.1	2.846	3.827	4.4	21.8
6 10	15 14.28	−18 54.4	2.898	3.824	7.2	21.9
6 20	15 9.23	−18 15.5	2.976	3.820	9.6	22.1

286387 2001 YZ_{9} 5 16.0 191°.16 1°.6/15.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 56.46	−13 50.3	2.500	3.339	10.9	21.0
4 21	15 51.15	−13 45.9	2.418	3.338	8.2	20.8
5 1	15 44.18	−13 40.5	2.361	3.337	5.1	20.6
5 11	15 36.13	−13 35.4	2.331	3.336	2.2	20.4
5 21	15 27.69	−13 32.4	2.330	3.334	2.7	20.4
5 31	15 19.62	−13 33.1	2.358	3.332	5.7	20.6
6 10	15 12.62	−13 39.3	2.413	3.331	8.8	20.8
6 20	15 7.20	−13 51.9	2.492	3.328	11.5	21.0

109656 2001 RY_{8} 5 16.0 230°.81 0°.6/16.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 56.24	−21 50.5	2.369	3.201	11.7	20.4
4 21	15 51.20	−21 42.2	2.279	3.194	8.9	20.2
5 1	15 44.31	−21 26.9	2.213	3.186	5.6	20.0
5 11	15 36.20	−21 5.3	2.173	3.179	2.1	19.7
5 21	15 27.61	−20 39.3	2.162	3.171	1.8	19.7
5 31	15 19.41	−20 11.5	2.180	3.163	5.4	19.9
6 10	15 12.38	−19 45.3	2.224	3.154	8.8	20.1
6 20	15 7.07	−19 23.7	2.292	3.146	11.8	20.3

409310 2004 TB_{138} 5 16.0 220°.72 0°.3/16.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 3.49	−19 50.1	1.909	2.742	14.0	22.0
4 21	15 57.15	−19 57.7	1.816	2.731	10.7	21.8
5 1	15 48.29	−19 59.4	1.746	2.720	6.7	21.5
5 11	15 37.62	−19 55.4	1.702	2.708	2.4	21.2
5 21	15 26.17	−19 46.8	1.686	2.695	2.3	21.1
5 31	15 15.13	−19 35.9	1.699	2.681	6.8	21.4
6 10	15 5.61	−19 26.4	1.738	2.666	11.0	21.6
6 20	14 58.41	−19 21.6	1.800	2.651	14.6	21.8

41231 1999 XS_{20} 5 16.0 239°.29 0°.4/15.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 59.45	−17 22.5	2.029	2.869	13.0	18.6
4 21	15 53.88	−17 33.9	1.943	2.863	9.8	18.4
5 1	15 46.13	−17 42.2	1.880	2.856	6.1	18.1
5 11	15 36.86	−17 47.9	1.843	2.850	2.1	17.8
5 21	15 26.98	−17 52.1	1.834	2.843	2.2	17.8
5 31	15 17.51	−17 56.7	1.854	2.835	6.3	18.1
6 10	15 9.39	−18 3.8	1.899	2.828	10.2	18.3
6 20	15 3.31	−18 15.6	1.968	2.821	13.5	18.5

243261 2007 YM_{28} 5 16.0 344°.21 5°.8/11.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 52.38	− 5 18.9	2.057	2.911	12.3	19.8
4 21	15 48.34	− 4 8.6	1.988	2.908	9.6	19.6
5 1	15 42.53	− 3 1.0	1.942	2.906	7.1	19.5
5 11	15 35.59	− 2 1.5	1.922	2.903	5.8	19.4
5 21	15 28.29	− 1 15.0	1.928	2.901	6.8	19.4
5 31	15 21.44	− 0 45.0	1.960	2.899	9.2	19.6
6 10	15 15.79	− 0 33.3	2.016	2.897	12.0	19.8
6 20	15 11.84	− 0 39.4	2.093	2.896	14.5	19.9

312816 2011 OE_{48} 5 16.0 240°.48 2°.4/17.6 17

4 11	15 57.02	−27 41.0	2.379	3.195	12.1	20.7
4 21	15 51.89	−27 37.9	2.283	3.184	9.5	20.5
5 1	15 44.81	−27 24.1	2.211	3.173	6.4	20.3
5 11	15 36.39	−26 59.2	2.164	3.162	3.4	20.1
5 21	15 27.46	−26 24.6	2.146	3.151	2.7	20.0
5 31	15 18.92	−25 43.1	2.156	3.139	5.5	20.2
6 10	15 11.60	−24 58.9	2.193	3.127	8.7	20.4
6 20	15 6.11	−24 16.4	2.254	3.114	11.7	20.5

492301 2014 AY_{15} 5 16.0 128°.39 3°.5/18.3 18

4 11	16 4.94	−33 45.4	1.189	2.019	20.9	20.3
4 21	15 59.15	−32 25.9	1.121	2.028	16.5	20.1
5 1	15 49.72	−30 32.8	1.072	2.036	11.3	19.8
5 11	15 38.05	−28 8.1	1.045	2.044	5.8	19.5
5 21	15 25.96	−25 20.9	1.044	2.051	3.9	19.4
5 31	15 15.31	−22 27.2	1.070	2.058	8.7	19.7
6 10	15 7.48	−19 44.1	1.119	2.065	14.0	20.0
6 20	15 3.09	−17 24.2	1.190	2.071	18.6	20.3

416862 2005 NC_{68} 5 16.0 289°.80 3°.3/13.2 18

4 11	15 51.34	− 7 30.9	3.142	3.982	8.9	21.6
4 21	15 47.12	− 7 1.6	3.041	3.958	6.8	21.4
5 1	15 41.63	− 6 33.6	2.966	3.933	4.7	21.2
5 11	15 35.29	− 6 9.3	2.918	3.909	3.3	21.1
5 21	15 28.59	− 5 51.0	2.899	3.884	4.0	21.1
5 31	15 22.08	− 5 40.7	2.908	3.859	6.0	21.2
6 10	15 16.30	− 5 39.6	2.944	3.834	8.3	21.3
6 20	15 11.66	− 5 48.3	3.003	3.809	10.5	21.5

168844 2000 UX_{19} 5 16.0 141°.03 0°.2/15.9 18

4 11	16 2.03	−19 32.5	1.806	2.645	14.4	21.2
4 21	15 55.84	−19 21.9	1.737	2.656	10.8	21.0
5 1	15 47.29	−19 4.4	1.690	2.666	6.7	20.8
5 11	15 37.23	−18 41.5	1.670	2.676	2.3	20.5
5 21	15 26.73	−18 15.5	1.677	2.686	2.3	20.5
5 31	15 16.92	−17 50.1	1.712	2.694	6.7	20.8
6 10	15 8.81	−17 29.2	1.773	2.702	10.7	21.1
6 20	15 3.00	−17 15.9	1.856	2.709	14.1	21.3

507016 2008 TU_{180} 5 16.0 242°.86 6°.6/11.1 18

4 11	15 56.52	− 0 39.1	2.350	3.183	11.7	21.8
4 21	15 51.33	+ 0 21.8	2.263	3.166	9.5	21.6
5 1	15 44.39	+ 1 17.6	2.200	3.148	7.5	21.4
5 11	15 36.26	+ 2 3.2	2.164	3.129	6.6	21.4
5 21	15 27.65	+ 2 34.5	2.155	3.109	7.5	21.4
5 31	15 19.35	+ 2 48.4	2.173	3.090	9.6	21.5
6 10	15 12.12	+ 2 43.8	2.214	3.069	12.1	21.6
6 20	15 6.51	+ 2 21.5	2.277	3.048	14.4	21.7

495323 2014 JG_{78} 5 16.0 268°.60 18°.2/ 3.9 18

4 11	16 19.19	+ 1 52.8	0.999	1.842	23.1	22.0
4 21	16 12.41	+ 5 48.6	0.896	1.796	20.3	21.6
5 1	16 0.12	+10 8.8	0.812	1.746	18.4	21.3
5 11	15 42.48	+14 31.2	0.753	1.691	19.1	21.1
5 21	15 20.72	+18 24.2	0.716	1.631	23.2	21.0
5 31	14 57.41	+21 16.9	0.701	1.566	29.3	21.1
6 10	14 35.69	+22 54.7	0.701	1.496	35.9	21.2
6 20	14 17.94	+23 21.6	0.710	1.421	42.4	21.3

429306 2010 DM_{38} 5 16.0 16°.12 4°.6/13.6 17

4 11	15 55.56	− 8 53.5	1.747	2.605	13.9	20.9
4 21	15 51.02	− 8 14.7	1.679	2.606	10.6	20.7
5 1	15 44.32	− 7 37.6	1.634	2.608	7.2	20.5
5 11	15 36.24	− 7 6.5	1.614	2.609	4.7	20.3
5 21	15 27.71	− 6 45.3	1.620	2.612	5.6	20.4
5 31	15 19.74	− 6 37.2	1.651	2.614	8.8	20.6
6 10	15 13.26	− 6 43.9	1.707	2.616	12.3	20.8
6 20	15 8.85	− 7 5.1	1.783	2.619	15.4	21.0

215791 2004 LP_{24} 5 16.0 308°.34 10°.3/ 7.8 17

4 11	15 53.16	+ 8 26.0	2.055	2.879	13.5	19.9
4 21	15 49.10	+ 9 46.1	1.977	2.856	11.8	19.8
5 1	15 43.13	+10 54.0	1.922	2.832	10.6	19.7
5 11	15 35.86	+11 42.7	1.890	2.809	10.4	19.6
5 21	15 28.06	+12 7.1	1.881	2.786	11.4	19.6
5 31	15 20.59	+12 3.9	1.895	2.763	13.1	19.7
6 10	15 14.29	+11 33.5	1.929	2.741	15.2	19.8
6 20	15 9.74	+10 38.5	1.981	2.719	17.3	19.9

90872 1996 TZ_{40} 5 16.0 91°.64 5°.6/18.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 3.87	−32 24.5	1.818	2.623	15.7	18.5
4 21	15 57.65	−33 18.6	1.749	2.635	12.7	18.4
5 1	15 48.65	−33 58.1	1.702	2.648	9.4	18.2
5 11	15 37.76	−34 19.7	1.679	2.660	6.5	18.0
5 21	15 26.21	−34 22.1	1.682	2.672	5.7	18.0
5 31	15 15.37	−34 7.3	1.712	2.684	7.7	18.2
6 10	15 6.44	−33 40.7	1.767	2.696	10.8	18.4
6 20	15 0.18	−33 8.8	1.845	2.708	13.8	18.6

118880 2000 TJ_{57} 5 16.0 140°.42 4°.6/13.8 18

4 11	15 59.57	− 6 8.8	2.086	2.926	12.7	19.6
4 21	15 53.62	− 5 48.6	2.019	2.935	9.8	19.4
5 1	15 45.76	− 5 32.7	1.977	2.943	6.8	19.2
5 11	15 36.70	− 5 24.2	1.960	2.951	4.7	19.1
5 21	15 27.29	− 5 25.6	1.972	2.959	5.4	19.2
5 31	15 18.42	− 5 38.5	2.011	2.966	8.0	19.3
6 10	15 10.90	− 6 3.4	2.076	2.972	11.0	19.5
6 20	15 5.26	− 6 39.5	2.163	2.978	13.7	19.7

299393 2005 WY_{142} 5 16.0 151°.29 4°.2/14.2 18

4 11	16 1.54	−10 46.8	1.512	2.367	15.9	20.9
4 21	15 55.80	−10 13.6	1.446	2.373	12.0	20.7
5 1	15 47.42	− 9 40.6	1.402	2.378	7.9	20.5
5 11	15 37.32	− 9 12.0	1.383	2.383	4.5	20.3
5 21	15 26.68	− 8 51.9	1.389	2.387	5.4	20.3
5 31	15 16.78	− 8 44.1	1.422	2.391	9.3	20.6
6 10	15 8.75	− 8 50.6	1.478	2.394	13.4	20.8
6 20	15 3.26	− 9 11.5	1.555	2.397	16.9	21.1

4755 Nicky 5 16.0 235°.31 1°.4/15.3 18

4 11	16 1.06	−16 56.5	1.894	2.735	13.8	18.3
4 21	15 55.31	−16 34.8	1.798	2.720	10.4	18.0
5 1	15 47.15	−16 7.5	1.726	2.704	6.5	17.7
5 11	15 37.28	−15 36.7	1.681	2.687	2.4	17.4
5 21	15 26.67	−15 5.1	1.663	2.669	3.0	17.4
5 31	15 16.45	−14 36.7	1.673	2.651	7.3	17.7
6 10	15 7.69	−14 15.3	1.709	2.632	11.5	17.9
6 20	15 1.14	−14 3.7	1.767	2.612	15.1	18.1

124909 2001 TX_{59} 5 16.0 204°.00 0°.1/16.1 16

4 11	16 0.89	−21 15.9	1.646	2.490	15.4	21.2
4 21	15 55.39	−20 52.7	1.565	2.487	11.7	21.0
5 1	15 47.24	−20 19.3	1.506	2.483	7.3	20.7
5 11	15 37.30	−19 37.3	1.472	2.479	2.5	20.4
5 21	15 26.69	−18 50.1	1.465	2.474	2.5	20.4
5 31	15 16.71	−18 2.7	1.484	2.468	7.4	20.7
6 10	15 8.51	−17 20.7	1.529	2.462	11.8	20.9
6 20	15 2.82	−16 48.7	1.595	2.456	15.7	21.1

502773 2015 DV_{83} 5 16.0 157°.23 5°.7/12.4 17

4 11	15 56.77	− 4 59.3	2.036	2.882	12.7	21.8
4 21	15 51.58	− 4 0.3	1.971	2.887	9.9	21.6
5 1	15 44.53	− 3 5.2	1.929	2.891	7.2	21.5
5 11	15 36.30	− 2 18.7	1.913	2.895	5.7	21.4
5 21	15 27.72	− 1 45.1	1.924	2.899	6.6	21.4
5 31	15 19.68	− 1 27.6	1.962	2.902	9.1	21.6
6 10	15 12.94	− 1 27.2	2.024	2.905	11.9	21.8
6 20	15 8.03	− 1 43.3	2.107	2.907	14.5	22.0

371191 2005 YA_{127} 5 16.0 186°.93 4°.9/19.4 17

4 11	16 1.16	−35 17.7	2.312	3.095	13.4	21.4
4 21	15 55.14	−35 28.6	2.224	3.095	11.0	21.2
5 1	15 46.88	−35 23.9	2.157	3.094	8.2	21.0
5 11	15 37.13	−35 1.9	2.116	3.093	5.8	20.8
5 21	15 26.87	−34 22.9	2.103	3.091	4.9	20.8
5 31	15 17.15	−33 29.9	2.117	3.088	6.5	20.9
6 10	15 8.94	−32 28.2	2.158	3.085	9.2	21.0
6 20	15 2.88	−31 23.9	2.223	3.081	11.9	21.2

423603 2005 WH_{32} 5 16.0 101°.01 2°.0/15.2 17

4 11	16 0.97	−13 27.2	1.866	2.710	13.8	21.1
4 21	15 54.91	−13 30.4	1.801	2.724	10.3	20.9
5 1	15 46.66	−13 33.1	1.760	2.737	6.5	20.7
5 11	15 37.03	−13 36.8	1.746	2.750	2.7	20.5
5 21	15 27.00	−13 43.1	1.759	2.763	3.2	20.6
5 31	15 17.62	−13 53.7	1.800	2.776	7.0	20.8
6 10	15 9.80	−14 10.3	1.866	2.789	10.7	21.1
6 20	15 4.13	−14 33.7	1.955	2.801	13.8	21.3

192887 1999 XZ_{103} 5 16.0 205°.91 2°.5/17.9 18

4 11	15 58.29	−29 27.5	2.479	3.284	12.0	20.4
4 21	15 52.72	−29 10.9	2.385	3.279	9.4	20.2
5 1	15 45.26	−28 41.8	2.314	3.273	6.5	20.0
5 11	15 36.56	−28 0.3	2.271	3.267	3.6	19.8
5 21	15 27.44	−27 8.1	2.256	3.260	2.8	19.7
5 31	15 18.77	−26 8.8	2.270	3.252	5.3	19.9
6 10	15 11.36	−25 7.1	2.312	3.244	8.4	20.1
6 20	15 5.77	−24 7.8	2.378	3.235	11.3	20.2

152659 1997 XQ_9 5 16.0 186°.18 1°.6/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 0.36	−24 6.7	2.095	2.921	13.2	20.6
4 21	15 54.54	−24 13.8	2.011	2.921	10.1	20.4
5 1	15 46.52	−24 12.2	1.950	2.920	6.6	20.2
5 11	15 37.03	−24 1.6	1.916	2.919	2.9	19.9
5 21	15 26.99	−23 43.2	1.910	2.917	2.3	19.9
5 31	15 17.44	−23 19.7	1.932	2.915	5.9	20.1
6 10	15 9.32	−22 55.0	1.980	2.913	9.6	20.3
6 20	15 3.29	−22 32.9	2.052	2.910	12.8	20.5

347330 2011 SV_{266} 5 16.0 299°.99 0°.1/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 47.93	−19 46.4	4.265	5.094	6.9	20.9
4 21	15 44.29	−19 31.8	4.174	5.088	5.2	20.8
5 1	15 39.75	−19 13.8	4.109	5.083	3.2	20.6
5 11	15 34.65	−18 53.4	4.072	5.078	1.1	20.4
5 21	15 29.35	−18 31.9	4.065	5.073	1.1	20.4
5 31	15 24.25	−18 10.7	4.087	5.068	3.2	20.6
6 10	15 19.72	−17 51.2	4.138	5.063	5.2	20.7
6 20	15 16.04	−17 34.9	4.215	5.058	7.0	20.9

46711 1997 GW_7 5 16.0 121°.73 0°.5/15.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 0.86	−18 38.3	1.775	2.618	14.4	19.5
4 21	15 54.98	−18 27.4	1.708	2.630	10.8	19.3
5 1	15 46.77	−18 10.5	1.665	2.642	6.7	19.1
5 11	15 37.09	−17 49.2	1.647	2.653	2.3	18.9
5 21	15 26.98	−17 26.0	1.656	2.665	2.5	18.9
5 31	15 17.57	−17 4.4	1.694	2.675	6.8	19.2
6 10	15 9.84	−16 48.1	1.756	2.686	10.8	19.4
6 20	15 4.40	−16 39.6	1.841	2.695	14.2	19.7

4339 Almamater 5 16.0 236°.09 1°.4/16.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.79	−23 50.5	1.655	2.492	15.6	17.9
4 21	15 56.29	−23 42.6	1.564	2.480	12.0	17.7
5 1	15 47.95	−23 22.9	1.494	2.467	7.8	17.4
5 11	15 37.60	−22 51.5	1.449	2.454	3.2	17.1
5 21	15 26.38	−22 10.4	1.431	2.439	2.6	17.0
5 31	15 15.68	−21 24.2	1.439	2.425	7.3	17.2
6 10	15 6.75	−20 38.9	1.473	2.409	12.0	17.5
6 20	15 0.45	−20 0.4	1.528	2.393	16.0	17.7

83766 2001 TQ_{159} 5 16.0 262°.98 7°.7/10.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 54.12	+ 2 29.1	2.269	3.102	12.0	19.2
4 21	15 49.56	+ 3 36.3	2.193	3.090	10.0	19.0
5 1	15 43.29	+ 4 35.6	2.141	3.078	8.3	18.9
5 11	15 35.91	+ 5 21.6	2.115	3.065	7.7	18.8
5 21	15 28.10	+ 5 50.1	2.114	3.053	8.6	18.8
5 31	15 20.67	+ 5 58.2	2.139	3.040	10.4	18.9
6 10	15 14.32	+ 5 45.7	2.186	3.027	12.7	19.1
6 20	15 9.58	+ 5 13.9	2.253	3.014	14.9	19.2

491967 2013 DP_{10} 5 16.0 101°.83 3°.4/18.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 56.32	−31 17.2	2.388	3.193	12.4	21.6
4 21	15 51.32	−31 18.7	2.307	3.197	9.9	21.4
5 1	15 44.42	−31 7.4	2.248	3.201	7.0	21.2
5 11	15 36.29	−30 42.9	2.216	3.205	4.4	21.0
5 21	15 27.77	−30 6.5	2.210	3.209	3.5	21.0
5 31	15 19.75	−29 21.0	2.233	3.213	5.6	21.1
6 10	15 13.04	−28 31.1	2.283	3.217	8.4	21.3
6 20	15 8.17	−27 41.3	2.356	3.221	11.1	21.5

170091 2002 XK_{45} 5 16.0 215°.74 0°.5/15.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 56.29	−18 22.3	2.365	3.202	11.5	20.7
4 21	15 51.21	−18 9.5	2.278	3.198	8.6	20.5
5 1	15 44.33	−17 51.9	2.216	3.193	5.4	20.3
5 11	15 36.27	−17 30.9	2.181	3.188	1.8	20.0
5 21	15 27.78	−17 8.4	2.174	3.182	2.0	20.0
5 31	15 19.67	−16 47.3	2.196	3.177	5.6	20.3
6 10	15 12.71	−16 30.2	2.245	3.171	9.0	20.5
6 20	15 7.44	−16 19.4	2.317	3.164	11.9	20.6

477571 2010 HC_{44} 5 16.0 306°.88 5°.0/13.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 54.42	− 6 10.4	2.065	2.916	12.4	21.2
4 21	15 49.96	− 5 33.5	1.986	2.906	9.6	21.0
5 1	15 43.63	− 4 59.9	1.929	2.897	6.8	20.8
5 11	15 36.05	− 4 33.5	1.899	2.888	5.0	20.7
5 21	15 28.00	− 4 17.8	1.896	2.879	5.9	20.7
5 31	15 20.36	− 4 15.6	1.918	2.870	8.5	20.9
6 10	15 13.91	− 4 28.0	1.966	2.862	11.5	21.1
6 20	15 9.24	− 4 54.5	2.034	2.854	14.3	21.2

211603 2003 SV_{321} 5 16.0 292°.10 4°.4/17.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 0.48	−28 7.3	1.462	2.299	17.3	20.7
4 21	15 55.86	−28 42.7	1.374	2.285	13.7	20.5
5 1	15 48.00	−29 5.1	1.307	2.272	9.6	20.2
5 11	15 37.72	−29 11.4	1.262	2.258	5.7	19.9
5 21	15 26.30	−29 0.6	1.242	2.245	4.7	19.8
5 31	15 15.39	−28 35.1	1.247	2.231	8.3	20.0
6 10	15 6.49	−28 1.4	1.275	2.218	12.8	20.2
6 20	15 0.62	−27 26.5	1.324	2.205	17.0	20.4

497077 2003 WJ_2 5 16.0 231°.12 0°.7/16.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 59.51	−23 15.1	1.764	2.602	14.7	22.3
4 21	15 54.30	−22 50.9	1.676	2.594	11.3	22.1
5 1	15 46.57	−22 15.0	1.610	2.585	7.2	21.8
5 11	15 37.11	−21 28.5	1.569	2.575	2.7	21.5
5 21	15 26.98	−20 34.6	1.556	2.565	2.3	21.5
5 31	15 17.40	−19 38.3	1.570	2.555	6.9	21.7
6 10	15 9.46	−18 45.5	1.609	2.544	11.2	22.0
6 20	15 3.88	−18 1.4	1.670	2.532	15.0	22.2

471910 2013 CA_{116} 5 16.0 157°.92 8°.1/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 5.23	−50 43.3	3.150	3.819	12.3	22.5
4 21	15 58.20	−51 33.2	3.067	3.826	11.0	22.4
5 1	15 48.82	−52 5.8	3.005	3.832	9.7	22.3
5 11	15 37.84	−52 17.6	2.965	3.838	8.6	22.3
5 21	15 26.27	−52 7.0	2.950	3.843	8.1	22.2
5 31	15 15.22	−51 35.0	2.960	3.848	8.3	22.3
6 10	15 5.71	−50 45.5	2.995	3.853	9.2	22.3
6 20	14 58.42	−49 43.8	3.053	3.857	10.4	22.4

254164 2004 PP_{114} 5 16.0 274°.41 5°.5/10.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 52.67	− 4 49.2	2.460	3.305	10.9	20.9
4 21	15 48.41	− 3 27.4	2.373	3.287	8.6	20.7
5 1	15 42.57	− 2 6.6	2.310	3.269	6.5	20.6
5 11	15 35.69	− 0 51.9	2.275	3.251	5.5	20.5
5 21	15 28.41	+ 0 11.9	2.268	3.233	6.5	20.5
5 31	15 21.43	+ 1 0.6	2.288	3.214	8.7	20.6
6 10	15 15.42	+ 1 32.0	2.332	3.195	11.2	20.8
6 20	15 10.87	+ 1 45.5	2.397	3.176	13.6	20.9

258862 2002 PW_{160} 5 16.0 256°.83 1°.6/15.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 59.40	−16 24.8	1.751	2.600	14.3	21.6
4 21	15 54.25	−16 6.2	1.659	2.584	10.9	21.3
5 1	15 46.60	−15 42.6	1.590	2.568	6.8	21.1
5 11	15 37.16	−15 16.2	1.546	2.552	2.6	20.8
5 21	15 26.93	−14 49.8	1.528	2.535	3.2	20.8
5 31	15 17.11	−14 27.4	1.538	2.517	7.7	21.0
6 10	15 8.82	−14 12.7	1.573	2.500	12.0	21.2
6 20	15 2.83	−14 8.5	1.629	2.482	15.8	21.4

385771 2005 YE_{212} 5 16.0 165°.70 15°.2/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 14.94	−51 54.3	1.384	2.110	23.3	21.3
4 21	16 8.43	−53 15.3	1.315	2.114	21.1	21.2
5 1	15 56.57	−54 3.2	1.260	2.117	18.7	21.0
5 11	15 40.74	−54 6.3	1.222	2.120	16.5	20.9
5 21	15 23.47	−53 17.6	1.204	2.122	15.3	20.8
5 31	15 7.84	−51 40.0	1.206	2.124	15.5	20.8
6 10	14 56.24	−49 26.5	1.229	2.125	17.0	20.9
6 20	14 49.72	−46 54.7	1.271	2.125	19.3	21.0

250533 2004 PU_{111} 5 16.0 277°.95 3°.6/12.9 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 52.87	−11 20.2	2.399	3.247	11.0	20.5
4 21	15 48.61	−10 11.1	2.307	3.231	8.3	20.3
5 1	15 42.73	− 8 59.0	2.241	3.215	5.5	20.1
5 11	15 35.76	− 7 48.0	2.203	3.199	3.6	20.0
5 21	15 28.38	− 6 42.6	2.193	3.183	4.6	20.0
5 31	15 21.33	− 5 47.2	2.211	3.166	7.3	20.2
6 10	15 15.31	− 5 5.1	2.254	3.150	10.3	20.3
6 20	15 10.82	− 4 37.7	2.320	3.133	13.0	20.5

469437 2002 FK_7 5 16.0 86°.05 10°.0/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 9.84	−51 4.6	2.560	3.237	14.8	21.5
4 21	16 2.33	−52 29.2	2.496	3.256	13.2	21.4
5 1	15 51.72	−53 33.4	2.452	3.276	11.7	21.3
5 11	15 38.92	−54 12.0	2.430	3.295	10.6	21.3
5 21	15 25.24	−54 22.0	2.431	3.314	10.0	21.3
5 31	15 12.23	−54 4.6	2.456	3.333	10.2	21.3
6 10	15 1.26	−53 24.6	2.504	3.352	11.1	21.4
6 20	14 53.22	−52 29.3	2.574	3.371	12.3	21.5

128620 2004 QC_{26} 5 16.0 120°.53 4°.7/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.04	−36 58.0	1.903	2.692	15.7	18.9
4 21	15 55.24	−36 11.9	1.821	2.698	12.7	18.7
5 1	15 46.96	−35 2.2	1.761	2.703	9.4	18.5
5 11	15 37.18	−33 28.8	1.725	2.708	6.1	18.3
5 21	15 27.08	−31 35.4	1.717	2.713	4.7	18.2
5 31	15 17.89	−29 29.5	1.737	2.718	6.8	18.4
6 10	15 10.59	−27 20.9	1.785	2.723	10.1	18.6
6 20	15 5.75	−25 18.8	1.857	2.728	13.4	18.8

187232 2005 SN_{153} 5 16.0 297°.22 2°.2/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 58.98	−23 49.6	1.552	2.397	16.0	20.3
4 21	15 54.56	−24 8.9	1.454	2.374	12.5	20.0
5 1	15 47.14	−24 18.8	1.377	2.350	8.3	19.7
5 11	15 37.46	−24 18.1	1.324	2.327	3.8	19.4
5 21	15 26.62	−24 6.9	1.296	2.304	3.1	19.3
5 31	15 16.10	−23 47.9	1.293	2.280	7.7	19.5
6 10	15 7.31	−23 26.2	1.315	2.257	12.6	19.7
6 20	15 1.26	−23 7.2	1.356	2.234	16.9	19.9

84836 2003 AF_{10} 5 16.0 128°.29 5°.5/12.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 55.30	− 3 30.6	2.246	3.088	11.8	19.5
4 21	15 50.36	− 2 47.0	2.180	3.093	9.3	19.4
5 1	15 43.75	− 2 8.4	2.139	3.098	6.9	19.2
5 11	15 36.09	− 1 39.0	2.123	3.102	5.5	19.1
5 21	15 28.13	− 1 21.9	2.135	3.107	6.3	19.2
5 31	15 20.62	− 1 19.3	2.174	3.112	8.5	19.3
6 10	15 14.28	− 1 31.9	2.237	3.116	11.0	19.5
6 20	15 9.59	− 1 58.6	2.322	3.120	13.4	19.7

143617 2003 GH_{12} 5 16.0 165°.96 2°.5/14.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 54.15	−12 59.6	2.579	3.421	10.5	20.4
4 21	15 49.36	−12 15.0	2.502	3.424	7.9	20.2
5 1	15 43.08	−11 28.3	2.451	3.426	5.0	20.0
5 11	15 35.86	−10 42.5	2.428	3.429	2.7	19.9
5 21	15 28.36	−10 0.7	2.433	3.431	3.4	19.9
5 31	15 21.25	− 9 25.9	2.467	3.433	6.1	20.1
6 10	15 15.17	− 9 0.5	2.528	3.434	8.9	20.3
6 20	15 10.55	− 8 45.7	2.612	3.435	11.4	20.5

56910 2000 QJ_{192} 5 16.0 114°.29 3°.8/13.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 55.77	− 8 4.3	2.280	3.125	11.6	19.0
4 21	15 50.73	− 7 40.5	2.210	3.129	8.8	18.8
5 1	15 43.99	− 7 19.1	2.164	3.134	6.0	18.6
5 11	15 36.19	− 7 3.0	2.144	3.139	3.9	18.5
5 21	15 28.05	− 6 54.7	2.153	3.143	4.6	18.6
5 31	15 20.35	− 6 56.1	2.189	3.147	7.2	18.7
6 10	15 13.82	− 7 8.3	2.250	3.152	10.1	18.9
6 20	15 8.93	− 7 31.2	2.334	3.156	12.7	19.1

384548 2010 EY_{110} 5 16.0 68°.00 4°.0/17.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.16	−28 41.6	1.929	2.746	14.5	21.0
4 21	15 55.40	−29 24.9	1.859	2.757	11.4	20.9
5 1	15 47.18	−29 56.9	1.811	2.769	8.0	20.7
5 11	15 37.34	−30 15.6	1.788	2.780	4.9	20.5
5 21	15 26.91	−30 20.2	1.793	2.792	4.2	20.5
5 31	15 17.10	−30 12.9	1.824	2.803	6.7	20.6
6 10	15 8.95	−29 57.7	1.881	2.815	9.9	20.9
6 20	15 3.15	−29 39.6	1.961	2.826	13.0	21.1

275920 2001 TQ_{184} 5 16.0 278°.41 3°.3/17.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 59.68	−27 12.4	1.718	2.549	15.4	21.4
4 21	15 54.76	−27 33.2	1.626	2.535	12.1	21.1
5 1	15 47.08	−27 42.2	1.555	2.521	8.3	20.8
5 11	15 37.39	−27 37.6	1.509	2.507	4.5	20.6
5 21	15 26.80	−27 19.6	1.489	2.493	3.7	20.5
5 31	15 16.65	−26 50.9	1.494	2.479	7.2	20.7
6 10	15 8.20	−26 16.9	1.525	2.465	11.4	20.9
6 20	15 2.31	−25 43.4	1.577	2.451	15.2	21.1

195615 2002 LN_{20} 5 16.0 311°.10 5°.1/18.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 56.80	−32 15.8	1.668	2.490	16.2	19.6
4 21	15 53.02	−32 28.0	1.555	2.454	13.2	19.3
5 1	15 46.26	−32 22.8	1.463	2.419	9.7	19.0
5 11	15 37.20	−31 56.9	1.393	2.383	6.4	18.7
5 21	15 26.93	−31 9.7	1.349	2.347	5.3	18.5
5 31	15 16.91	−30 4.1	1.329	2.312	8.1	18.6
6 10	15 8.58	−28 47.5	1.333	2.277	12.3	18.7
6 20	15 2.98	−27 28.7	1.359	2.243	16.5	18.9

136658 1995 OQ_{6} 5 16.0 272°.40 1°.8/15.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 57.82	−17 30.1	1.606	2.461	15.1	20.6
4 21	15 53.26	−16 50.4	1.516	2.444	11.4	20.3
5 1	15 46.08	−16 2.3	1.447	2.427	7.2	20.1
5 11	15 37.03	−15 8.9	1.404	2.410	2.7	19.7
5 21	15 27.19	−14 15.0	1.386	2.392	3.5	19.7
5 31	15 17.80	−13 26.0	1.395	2.375	8.3	20.0
6 10	15 10.05	−12 47.7	1.428	2.357	12.8	20.2
6 20	15 4.74	−12 23.4	1.481	2.339	16.8	20.4

140850 2001 UH_{212} 5 16.0 214°.81 0°.6/16.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 55.91	−22 13.4	2.484	3.313	11.3	21.3
4 21	15 50.90	−22 0.3	2.395	3.308	8.5	21.1
5 1	15 44.16	−21 40.0	2.330	3.303	5.4	20.9
5 11	15 36.28	−21 13.4	2.292	3.298	2.0	20.6
5 21	15 27.98	−20 42.5	2.283	3.292	1.7	20.6
5 31	15 20.06	−20 9.9	2.303	3.286	5.2	20.8
6 10	15 13.26	−19 39.0	2.350	3.280	8.4	21.0
6 20	15 8.10	−19 12.8	2.421	3.274	11.3	21.2

254570 2005 GZ 5 16.0 37°.06 3°.9/14.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 56.70	−13 26.3	1.338	2.208	16.6	20.0
4 21	15 52.44	−12 32.7	1.278	2.213	12.5	19.8
5 1	15 45.47	−11 35.5	1.239	2.220	8.0	19.6
5 11	15 36.76	−10 40.1	1.223	2.226	4.2	19.4
5 21	15 27.54	− 9 52.7	1.233	2.233	5.3	19.4
5 31	15 19.15	− 9 18.8	1.266	2.240	9.6	19.7
6 10	15 12.68	− 9 2.0	1.322	2.248	13.9	20.0
6 20	15 8.81	− 9 3.1	1.397	2.256	17.6	20.2

523036 2016 PF_{126} 5 16.0 165°.41 0°.1/16.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 54.52	−21 37.1	2.700	3.529	10.5	21.9
4 21	15 49.65	−21 5.2	2.618	3.532	7.9	21.7
5 1	15 43.27	−20 26.3	2.561	3.535	4.9	21.5
5 11	15 35.94	−19 42.0	2.532	3.538	1.7	21.3
5 21	15 28.33	−18 54.9	2.531	3.540	1.6	21.3
5 31	15 21.13	−18 8.1	2.560	3.542	4.8	21.5
6 10	15 14.96	−17 25.0	2.617	3.544	7.8	21.7
6 20	15 10.27	−16 48.2	2.698	3.545	10.4	21.9

311827 2006 UL_{337} 5 16.1 260°.56 4°.8/12.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 56.19	− 3 49.2	2.553	3.388	10.8	20.8
4 21	15 51.03	− 3 24.0	2.460	3.370	8.5	20.6
5 1	15 44.24	− 3 3.3	2.392	3.352	6.2	20.4
5 11	15 36.32	− 2 50.1	2.351	3.333	4.8	20.3
5 21	15 27.95	− 2 47.1	2.338	3.314	5.5	20.3
5 31	15 19.84	− 2 56.2	2.353	3.295	7.7	20.4
6 10	15 12.70	− 3 17.9	2.393	3.275	10.3	20.5
6 20	15 7.05	− 3 52.0	2.457	3.256	12.7	20.7

16583 Oersted 5 16.1 312°.86 10°.1/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 53.58	+11 40.7	2.327	3.132	12.7	17.3
4 21	15 49.10	+12 51.3	2.270	3.128	11.3	17.2
5 1	15 43.00	+13 47.4	2.234	3.124	10.3	17.1
5 11	15 35.88	+14 23.4	2.223	3.120	10.1	17.1
5 21	15 28.43	+14 35.8	2.234	3.116	10.8	17.1
5 31	15 21.42	+14 23.1	2.269	3.112	12.1	17.2
6 10	15 15.50	+13 46.3	2.324	3.109	13.8	17.3
6 20	15 11.15	+12 48.6	2.397	3.105	15.4	17.4

156403 2002 AX_{20} 5 16.1 103°.39 4°.7/13.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 58.36	− 8 5.2	1.849	2.698	13.7	20.1
4 21	15 52.91	− 7 23.4	1.790	2.712	10.4	19.9
5 1	15 45.43	− 6 44.1	1.756	2.726	7.1	19.7
5 11	15 36.70	− 6 11.5	1.747	2.740	4.8	19.6
5 21	15 27.66	− 5 49.4	1.765	2.753	5.6	19.7
5 31	15 19.29	− 5 40.4	1.809	2.766	8.6	19.9
6 10	15 12.40	− 5 45.9	1.878	2.779	11.7	20.1
6 20	15 7.54	− 6 5.4	1.968	2.791	14.6	20.3

74182 1998 RR_{30} 5 16.1 195°.75 5°.9/19.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.63	−37 14.6	2.361	3.133	13.5	19.8
4 21	15 55.67	−37 49.8	2.272	3.132	11.2	19.7
5 1	15 47.36	−38 10.0	2.205	3.129	8.8	19.5
5 11	15 37.44	−38 12.4	2.163	3.127	6.7	19.4
5 21	15 26.88	−37 56.1	2.147	3.124	5.9	19.3
5 31	15 16.80	−37 22.9	2.159	3.120	7.1	19.4
6 10	15 8.20	−36 37.6	2.197	3.116	9.4	19.5
6 20	15 1.80	−35 45.9	2.258	3.112	11.9	19.7

282575 2005 AM_{55} 5 16.1 84°.10 1°.8/15.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 57.27	−15 1.5	1.906	2.755	13.3	20.7
4 21	15 52.27	−14 46.9	1.831	2.757	10.0	20.5
5 1	15 45.15	−14 29.6	1.780	2.759	6.2	20.2
5 11	15 36.65	−14 11.8	1.755	2.761	2.5	20.0
5 21	15 27.68	−13 56.0	1.757	2.762	3.1	20.0
5 31	15 19.24	−13 45.1	1.787	2.764	6.9	20.3
6 10	15 12.22	−13 41.7	1.841	2.766	10.6	20.5
6 20	15 7.22	−13 47.3	1.918	2.768	13.9	20.7

297759 2001 XN_{110} 5 16.1 171°.14 0°.4/16.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 55.32	−22 46.1	2.570	3.397	11.0	21.0
4 21	15 50.34	−22 18.9	2.487	3.399	8.3	20.8
5 1	15 43.75	−21 43.8	2.428	3.401	5.2	20.6
5 11	15 36.14	−21 2.1	2.397	3.403	1.9	20.4
5 21	15 28.20	−20 16.4	2.395	3.404	1.6	20.4
5 31	15 20.69	−19 29.9	2.422	3.405	5.0	20.6
6 10	15 14.28	−18 46.2	2.476	3.406	8.1	20.8
6 20	15 9.45	−18 8.3	2.555	3.406	10.8	21.0

398203 2010 MX_{105} 5 16.1 282°.54 1°.4/15.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 54.43	−16 2.8	2.341	3.185	11.4	21.4
4 21	15 49.92	−15 41.1	2.247	3.170	8.5	21.1
5 1	15 43.64	−15 15.8	2.177	3.154	5.3	20.9
5 11	15 36.14	−14 48.7	2.133	3.139	2.1	20.7
5 21	15 28.16	−14 22.3	2.118	3.123	2.6	20.7
5 31	15 20.49	−13 59.5	2.131	3.108	6.0	20.9
6 10	15 13.89	−13 43.0	2.169	3.092	9.4	21.1
6 20	15 8.94	−13 34.9	2.231	3.076	12.4	21.2

88983 2001 TV_{67} 5 16.1 96°.64 1°.8/14.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 54.78	−16 26.7	2.285	3.128	11.6	19.7
4 21	15 49.97	−15 36.1	2.218	3.141	8.6	19.5
5 1	15 43.50	−14 40.9	2.175	3.153	5.3	19.3
5 11	15 36.04	−13 44.3	2.160	3.165	2.2	19.1
5 21	15 28.33	−12 50.1	2.174	3.177	2.9	19.2
5 31	15 21.14	−12 2.0	2.216	3.189	6.1	19.4
6 10	15 15.15	−11 23.2	2.284	3.201	9.3	19.6
6 20	15 10.82	−10 55.7	2.375	3.212	12.0	19.8

13264 1998 QD_{23} 5 16.1 331°.97 2°.8/17.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 59.76	−24 56.9	1.460	2.306	16.8	17.4
4 21	15 55.08	−25 23.3	1.383	2.302	13.1	17.2
5 1	15 47.37	−25 38.8	1.326	2.298	8.7	16.9
5 11	15 37.52	−25 41.9	1.293	2.294	4.3	16.6
5 21	15 26.80	−25 32.9	1.284	2.291	3.5	16.6
5 31	15 16.71	−25 14.7	1.301	2.288	7.7	16.8
6 10	15 8.60	−24 52.9	1.341	2.285	12.3	17.1
6 20	15 3.34	−24 33.0	1.402	2.283	16.3	17.3

34532 2000 SO_{213} 5 16.1 167°.48 1°.9/14.7 18

4 11	15 55.74	−12 35.5	2.943	3.776	9.6	18.8
4 21	15 50.40	−12 22.8	2.863	3.780	7.2	18.6
5 1	15 43.69	−12 9.6	2.810	3.784	4.5	18.4
5 11	15 36.11	−11 57.4	2.785	3.787	2.2	18.3
5 21	15 28.24	−11 48.0	2.789	3.790	2.7	18.3
5 31	15 20.71	−11 43.0	2.823	3.792	5.2	18.5
6 10	15 14.09	−11 43.8	2.885	3.794	7.8	18.7
6 20	15 8.80	−11 51.2	2.971	3.796	10.1	18.8

506411 1995 TP_5 5 16.1 123°.77 5°.1/18.6 17

4 11	16 4.86	−32 47.4	2.190	2.979	13.9	21.9
4 21	15 58.06	−33 40.5	2.116	2.992	11.2	21.7
5 1	15 48.82	−34 20.9	2.065	3.005	8.4	21.5
5 11	15 37.94	−34 45.5	2.040	3.017	5.9	21.4
5 21	15 26.45	−34 53.0	2.043	3.029	5.2	21.4
5 31	15 15.53	−34 45.0	2.073	3.041	6.9	21.5
6 10	15 6.22	−34 25.7	2.130	3.052	9.6	21.7
6 20	14 59.24	−34 0.4	2.211	3.063	12.2	21.9

521115 2015 DL_{246} 5 16.1 336°.52 1°.1/15.5 17

4 11	15 54.30	−18 59.9	1.592	2.452	15.0	21.0
4 21	15 50.53	−18 25.3	1.513	2.445	11.3	20.7
5 1	15 44.31	−17 41.9	1.456	2.437	7.0	20.5
5 11	15 36.43	−16 52.8	1.424	2.430	2.4	20.2
5 21	15 27.93	−16 2.3	1.417	2.424	2.9	20.2
5 31	15 20.01	−15 15.7	1.435	2.419	7.6	20.4
6 10	15 13.70	−14 38.2	1.477	2.413	11.9	20.7
6 20	15 9.70	−14 13.1	1.541	2.409	15.7	20.9

379396 2009 YM_{20} 5 16.1 96°.52 3°.5/14.5 17

4 11	15 58.49	−10 6.4	1.853	2.703	13.6	20.7
4 21	15 53.18	− 9 52.2	1.783	2.707	10.3	20.5
5 1	15 45.72	− 9 39.7	1.736	2.711	6.7	20.3
5 11	15 36.86	− 9 31.6	1.714	2.714	3.8	20.1
5 21	15 27.54	− 9 30.6	1.720	2.718	4.5	20.1
5 31	15 18.78	− 9 38.6	1.752	2.721	7.8	20.3
6 10	15 11.47	− 9 57.0	1.810	2.725	11.4	20.6
6 20	15 6.23	−10 25.9	1.889	2.728	14.5	20.8

182782 2001 YW_{112} 5 16.1 112°.03 2°.6/14.3 18

4 11	15 56.06	−10 45.5	2.626	3.464	10.5	21.4
4 21	15 50.69	−10 25.1	2.563	3.481	7.8	21.2
5 1	15 43.87	−10 5.1	2.524	3.497	5.1	21.1
5 11	15 36.17	− 9 47.9	2.514	3.513	2.8	20.9
5 21	15 28.24	− 9 35.4	2.532	3.529	3.4	21.0
5 31	15 20.77	− 9 29.6	2.579	3.544	5.9	21.2
6 10	15 14.34	− 9 31.6	2.653	3.559	8.6	21.4
6 20	15 9.39	− 9 42.0	2.751	3.573	10.9	21.5

428757 2008 SC_{92} 5 16.1 253°.83 0°.9/16.6 17

4 11	15 57.76	−22 43.5	1.977	2.813	13.4	21.7
4 21	15 52.80	−22 35.0	1.887	2.804	10.3	21.5
5 1	15 45.60	−22 17.6	1.820	2.794	6.6	21.2
5 11	15 36.87	−21 51.9	1.779	2.784	2.5	20.9
5 21	15 27.52	−21 19.8	1.765	2.773	2.1	20.9
5 31	15 18.61	−20 44.9	1.778	2.763	6.2	21.1
6 10	15 11.11	−20 11.6	1.817	2.752	10.1	21.3
6 20	15 5.70	−19 43.7	1.879	2.741	13.6	21.5

471317 2011 JJ_{28} 5 16.1 325°.68 2°.4/15.2 17

4 11	15 57.76	−12 50.1	1.596	2.454	15.0	20.7
4 21	15 53.21	−12 57.3	1.512	2.442	11.4	20.4
5 1	15 46.08	−13 5.2	1.451	2.430	7.2	20.2
5 11	15 37.10	−13 15.7	1.413	2.418	3.1	19.9
5 21	15 27.31	−13 30.6	1.402	2.407	3.7	19.9
5 31	15 17.97	−13 51.7	1.417	2.397	8.1	20.1
6 10	15 10.22	−14 20.5	1.455	2.387	12.4	20.3
6 20	15 4.88	−14 57.6	1.515	2.378	16.3	20.6

245292 2005 CU_{46} 5 16.1 195°.80 0°.8/15.6 16

4 11	16 1.09	−18 23.3	1.962	2.800	13.5	22.0
4 21	15 55.18	−18 1.7	1.878	2.797	10.2	21.8
5 1	15 47.01	−17 33.9	1.817	2.794	6.3	21.5
5 11	15 37.34	−17 1.5	1.783	2.790	2.2	21.2
5 21	15 27.12	−16 27.5	1.778	2.785	2.5	21.2
5 31	15 17.41	−15 55.4	1.800	2.779	6.7	21.5
6 10	15 9.18	−15 29.2	1.848	2.773	10.6	21.7
6 20	15 3.08	−15 11.9	1.919	2.766	14.0	21.9

505730 2015 BX_2 5 16.1 273°.84 4°.9/13.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 56.98	− 9 19.0	1.669	2.527	14.5	21.0
4 21	15 52.40	− 8 28.7	1.588	2.515	11.1	20.8
5 1	15 45.44	− 7 38.2	1.530	2.503	7.6	20.6
5 11	15 36.85	− 6 52.5	1.496	2.491	5.0	20.4
5 21	15 27.60	− 6 16.8	1.488	2.479	6.1	20.4
5 31	15 18.83	− 5 55.6	1.506	2.467	9.6	20.6
6 10	15 11.58	− 5 51.4	1.547	2.455	13.4	20.8
6 20	15 6.56	− 6 4.7	1.608	2.443	16.8	21.0

237187 Zhonglihe 5 16.1 230°.93 2°.1/14.8 18

4 11	15 57.06	−14 26.0	2.095	2.940	12.5	20.8
4 21	15 52.02	−14 1.5	2.010	2.934	9.4	20.6
5 1	15 45.00	−13 34.2	1.949	2.927	5.9	20.3
5 11	15 36.65	−13 6.5	1.915	2.919	2.6	20.1
5 21	15 27.81	−12 41.2	1.909	2.912	3.3	20.1
5 31	15 19.38	−12 21.6	1.930	2.904	6.8	20.4
6 10	15 12.22	−12 10.4	1.977	2.896	10.3	20.5
6 20	15 6.92	−12 9.0	2.047	2.888	13.5	20.7

292444 2006 SJ_{353} 5 16.1 204°.32 0°.1/16.1 17

4 11	16 1.21	−20 3.9	2.066	2.898	13.1	21.9
4 21	15 55.25	−20 1.5	1.978	2.893	9.9	21.6
5 1	15 47.07	−19 52.9	1.913	2.888	6.2	21.4
5 11	15 37.38	−19 38.8	1.876	2.882	2.2	21.1
5 21	15 27.10	−19 20.7	1.866	2.875	2.1	21.1
5 31	15 17.26	−19 1.4	1.885	2.867	6.2	21.3
6 10	15 8.82	−18 44.4	1.931	2.859	10.0	21.6
6 20	15 2.45	−18 32.7	2.000	2.850	13.4	21.8

251945 1999 XX_{44} 5 16.1 186°.76 0°.1/16.1 17

4 11	16 1.21	−20 10.5	2.083	2.915	13.0	21.9
4 21	15 55.17	−20 1.5	1.999	2.915	9.9	21.7
5 1	15 46.97	−19 45.8	1.939	2.914	6.2	21.4
5 11	15 37.33	−19 24.5	1.906	2.912	2.1	21.2
5 21	15 27.17	−18 59.4	1.901	2.910	2.1	21.2
5 31	15 17.51	−18 33.7	1.925	2.907	6.1	21.4
6 10	15 9.27	−18 11.0	1.976	2.903	9.9	21.6
6 20	15 3.07	−17 54.3	2.050	2.899	13.1	21.8

496136 2010 RP_{61} 5 16.1 210°.88 1°.8/14.9 17

4 11	15 59.44	−16 25.1	1.962	2.805	13.3	22.3
4 21	15 53.93	−15 46.6	1.876	2.798	10.0	22.0
5 1	15 46.25	−15 2.3	1.814	2.791	6.2	21.8
5 11	15 37.11	−14 15.1	1.779	2.784	2.5	21.5
5 21	15 27.42	−13 28.8	1.771	2.776	3.2	21.6
5 31	15 18.21	−12 47.7	1.792	2.767	7.2	21.8
6 10	15 10.42	−12 15.8	1.838	2.757	11.0	22.0
6 20	15 4.68	−11 55.6	1.906	2.747	14.3	22.2

171055 2005 EY_{119} 5 16.1 38°.61 0°.8/15.7 17

4 11	15 57.57	−19 22.7	1.229	2.098	17.9	20.0
4 21	15 53.37	−18 57.0	1.174	2.109	13.4	19.7
5 1	15 46.19	−18 22.0	1.138	2.120	8.3	19.5
5 11	15 37.10	−17 40.9	1.125	2.132	2.8	19.2
5 21	15 27.49	−16 58.4	1.136	2.145	3.1	19.2
5 31	15 18.85	−16 20.4	1.171	2.158	8.4	19.6
6 10	15 12.38	−15 52.3	1.229	2.171	13.3	19.9
6 20	15 8.75	−15 37.3	1.306	2.185	17.3	20.2

70937 1999 WT_2 5 16.1 217°.07 0°.6/16.5 18

4 11	15 58.11	−22 11.3	2.467	3.292	11.5	21.3
4 21	15 52.63	−22 0.6	2.372	3.283	8.7	21.1
5 1	15 45.32	−21 42.7	2.302	3.274	5.5	20.8
5 11	15 36.78	−21 18.2	2.259	3.264	2.1	20.6
5 21	15 27.75	−20 48.8	2.245	3.254	1.8	20.5
5 31	15 19.09	−20 17.4	2.261	3.243	5.3	20.8
6 10	15 11.56	−19 47.2	2.303	3.232	8.6	20.9
6 20	15 5.74	−19 21.5	2.370	3.220	11.6	21.1

122786 2000 SE_{89} 5 16.1 131°.31 6°.2/20.0 18

4 11	16 2.82	−37 25.9	2.124	2.901	14.7	20.2
4 21	15 56.66	−37 56.2	2.049	2.911	12.1	20.0
5 1	15 48.01	−38 9.2	1.994	2.921	9.4	19.9
5 11	15 37.71	−38 2.3	1.964	2.930	7.1	19.7
5 21	15 26.88	−37 35.1	1.961	2.939	6.2	19.7
5 31	15 16.72	−36 50.4	1.984	2.948	7.5	19.8
6 10	15 8.30	−35 54.1	2.033	2.956	9.9	19.9
6 20	15 2.29	−34 53.0	2.105	2.964	12.5	20.1

510418 2011 UP_{265} 5 16.1 229°.51 0°.1/16.1 18

4 11	15 56.51	−19 30.6	2.634	3.464	10.7	21.8
4 21	15 51.32	−19 31.6	2.541	3.456	8.1	21.6
5 1	15 44.46	−19 28.2	2.473	3.448	5.0	21.4
5 11	15 36.48	−19 21.0	2.433	3.439	1.7	21.1
5 21	15 28.05	−19 11.3	2.422	3.430	1.7	21.1
5 31	15 19.92	−19 1.0	2.439	3.421	5.0	21.3
6 10	15 12.82	−18 52.3	2.484	3.412	8.1	21.5
6 20	15 7.25	−18 47.4	2.554	3.402	10.9	21.7

208580 2002 CH_{79} 5 16.1 108°.72 3°.7/17.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 3.48	−28 20.4	1.550	2.378	16.9	20.5
4 21	15 57.58	−28 38.2	1.484	2.391	13.2	20.3
5 1	15 48.74	−28 41.1	1.439	2.403	9.1	20.1
5 11	15 37.99	−28 27.7	1.418	2.415	5.0	19.9
5 21	15 26.64	−27 59.1	1.422	2.426	4.0	19.9
5 31	15 16.17	−27 19.5	1.453	2.437	7.4	20.1
6 10	15 7.81	−26 35.6	1.508	2.448	11.5	20.3
6 20	15 2.27	−25 54.0	1.585	2.459	15.1	20.6

183207 2002 TE_{23} 5 16.1 226°.48 0°.7/16.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 0.75	−22 3.0	2.068	2.897	13.2	21.5
4 21	15 55.01	−21 57.4	1.973	2.886	10.1	21.2
5 1	15 47.00	−21 43.7	1.901	2.874	6.4	21.0
5 11	15 37.40	−21 22.4	1.856	2.861	2.4	20.7
5 21	15 27.14	−20 55.0	1.839	2.847	2.1	20.6
5 31	15 17.28	−20 24.7	1.850	2.833	6.2	20.9
6 10	15 8.80	−19 55.6	1.888	2.818	10.1	21.1
6 20	15 2.41	−19 31.6	1.949	2.803	13.5	21.3

429586 2011 ET_{38} 5 16.1 162°.80 9°.8/20.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 9.47	−42 34.6	1.979	2.727	16.5	21.0
4 21	16 2.63	−44 14.3	1.900	2.728	14.4	20.9
5 1	15 52.32	−45 36.5	1.841	2.730	12.1	20.7
5 11	15 39.38	−46 33.8	1.805	2.731	10.4	20.6
5 21	15 25.15	−47 1.5	1.794	2.732	9.8	20.6
5 31	15 11.38	−46 59.4	1.807	2.733	10.7	20.6
6 10	14 59.70	−46 32.8	1.845	2.734	12.5	20.8
6 20	14 51.22	−45 50.0	1.904	2.735	14.7	20.9

312084 2007 TQ_{78} 5 16.1 147°.09 0°.7/16.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.66	−22 40.6	1.820	2.654	14.5	21.7
4 21	15 55.70	−22 24.8	1.747	2.663	11.0	21.5
5 1	15 47.35	−21 59.0	1.698	2.671	7.0	21.3
5 11	15 37.48	−21 24.6	1.674	2.679	2.6	21.0
5 21	15 27.15	−20 44.0	1.678	2.687	2.2	21.0
5 31	15 17.51	−20 1.7	1.709	2.693	6.5	21.3
6 10	15 9.56	−19 22.6	1.767	2.700	10.5	21.6
6 20	15 3.93	−18 50.9	1.847	2.705	14.0	21.8

304702 2006 WT_{179} 5 16.1 289°.01 1°.5/15.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 56.77	−14 27.9	2.224	3.067	11.9	21.0
4 21	15 51.71	−14 27.0	2.143	3.065	9.0	20.8
5 1	15 44.77	−14 24.8	2.085	3.062	5.6	20.6
5 11	15 36.60	−14 22.7	2.054	3.059	2.2	20.3
5 21	15 27.97	−14 22.4	2.051	3.057	2.7	20.4
5 31	15 19.73	−14 25.6	2.077	3.054	6.1	20.6
6 10	15 12.68	−14 34.1	2.128	3.052	9.5	20.8
6 20	15 7.39	−14 49.2	2.203	3.049	12.5	21.0

472384 2015 BE_{100} 5 16.1 19°.47 9°.5/21.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 59.11	−40 59.2	1.476	2.270	19.2	20.1
4 21	15 55.01	−41 49.5	1.410	2.276	16.4	19.9
5 1	15 47.49	−42 14.7	1.361	2.282	13.3	19.7
5 11	15 37.64	−42 9.9	1.334	2.290	10.7	19.6
5 21	15 26.99	−41 33.6	1.328	2.298	9.5	19.5
5 31	15 17.29	−40 29.9	1.345	2.307	10.5	19.6
6 10	15 10.01	−39 7.9	1.385	2.317	12.9	19.8
6 20	15 5.97	−37 38.2	1.446	2.327	15.8	20.0

504623 2008 UN_{347} 5 16.1 214°.45 0°.4/16.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 56.84	−23 7.0	2.107	2.941	12.8	22.0
4 21	15 51.89	−22 29.2	2.021	2.937	9.7	21.8
5 1	15 44.93	−21 40.9	1.959	2.933	6.1	21.6
5 11	15 36.65	−20 43.8	1.923	2.929	2.2	21.3
5 21	15 27.94	−19 41.5	1.915	2.924	1.9	21.3
5 31	15 19.73	−18 38.6	1.936	2.919	5.9	21.5
6 10	15 12.86	−17 40.2	1.983	2.914	9.6	21.7
6 20	15 7.93	−16 50.4	2.053	2.909	12.9	21.9

454073 2012 TL_{52} 5 16.1 9°.59 0°.6/16.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 48.86	−22 49.0	3.867	4.690	7.7	20.8
4 21	15 45.13	−22 38.0	3.782	4.692	5.8	20.7
5 1	15 40.41	−22 22.1	3.722	4.693	3.7	20.6
5 11	15 35.05	−22 2.4	3.690	4.695	1.5	20.4
5 21	15 29.49	−21 39.8	3.688	4.697	1.2	20.4
5 31	15 24.16	−21 16.1	3.715	4.698	3.4	20.5
6 10	15 19.49	−20 53.0	3.770	4.700	5.5	20.7
6 20	15 15.79	−20 32.3	3.850	4.703	7.5	20.8

273815 2007 FS_{38} 5 16.1 353°.96 9°.1/11.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 52.70	− 2 6.2	1.345	2.217	16.5	19.4
4 21	15 49.49	− 0 46.2	1.285	2.211	13.3	19.1
5 1	15 43.73	+ 0 26.1	1.245	2.207	10.4	19.0
5 11	15 36.30	+ 1 21.9	1.228	2.204	9.1	18.9
5 21	15 28.29	+ 1 54.3	1.234	2.202	10.3	18.9
5 31	15 20.94	+ 1 59.0	1.261	2.201	13.1	19.1
6 10	15 15.32	+ 1 35.8	1.309	2.201	16.4	19.3
6 20	15 12.10	+ 0 47.9	1.374	2.201	19.5	19.5

250537 2004 QL_{14} 5 16.1 297°.65 5°.2/19.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 56.70	−35 39.2	2.258	3.048	13.5	19.8
4 21	15 52.07	−35 50.4	2.158	3.032	11.1	19.6
5 1	15 45.21	−35 45.8	2.079	3.017	8.5	19.4
5 11	15 36.80	−35 23.5	2.025	3.001	6.1	19.2
5 21	15 27.76	−34 43.7	1.997	2.985	5.2	19.1
5 31	15 19.12	−33 49.0	1.997	2.970	6.7	19.2
6 10	15 11.88	−32 44.7	2.022	2.954	9.4	19.3
6 20	15 6.72	−31 36.9	2.070	2.939	12.3	19.5

432321 2009 UV_{33} 5 16.1 222°.90 0°.9/15.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 58.09	−18 57.3	2.176	3.013	12.4	22.2
4 21	15 52.78	−18 20.6	2.084	3.003	9.3	22.0
5 1	15 45.49	−17 36.6	2.016	2.993	5.8	21.8
5 11	15 36.86	−16 47.5	1.976	2.982	2.0	21.5
5 21	15 27.73	−15 56.6	1.964	2.971	2.4	21.5
5 31	15 19.01	−15 8.1	1.980	2.959	6.3	21.7
6 10	15 11.57	−14 26.0	2.023	2.946	9.9	21.9
6 20	15 5.98	−13 53.6	2.089	2.933	13.1	22.1

220973 2005 MN_{53} 5 16.1 297°.65 2°.9/14.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 56.97	−14 17.3	1.525	2.387	15.4	21.0
4 21	15 52.85	−13 46.7	1.432	2.364	11.7	20.7
5 1	15 46.01	−13 11.7	1.361	2.341	7.5	20.4
5 11	15 37.17	−12 35.6	1.314	2.318	3.5	20.1
5 21	15 27.38	−12 2.9	1.292	2.295	4.4	20.0
5 31	15 17.96	−11 38.5	1.295	2.273	9.0	20.3
6 10	15 10.16	−11 26.5	1.321	2.250	13.7	20.5
6 20	15 4.85	−11 29.3	1.368	2.228	17.8	20.6

16499 1990 SU_{9} 5 16.1 110°.41 0°.2/16.2 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 2.68	−19 53.8	1.510	2.357	16.3	18.1
4 21	15 56.85	−19 55.6	1.445	2.368	12.3	17.9
5 1	15 48.25	−19 50.0	1.402	2.379	7.7	17.7
5 11	15 37.83	−19 37.9	1.384	2.390	2.7	17.4
5 21	15 26.86	−19 21.3	1.391	2.400	2.5	17.4
5 31	15 16.71	−19 4.0	1.425	2.410	7.4	17.7
6 10	15 8.54	−18 50.3	1.484	2.420	11.9	18.0
6 20	15 3.05	−18 43.5	1.563	2.430	15.7	18.3

505340 2013 AQ_{93} 5 16.1 91°.33 2°.1/17.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 56.84	−26 42.0	2.426	3.244	11.9	21.7
4 21	15 51.62	−26 43.7	2.355	3.258	9.1	21.5
5 1	15 44.63	−26 35.8	2.307	3.271	6.1	21.4
5 11	15 36.53	−26 18.6	2.286	3.285	3.1	21.2
5 21	15 28.11	−25 53.5	2.293	3.298	2.4	21.2
5 31	15 20.20	−25 23.0	2.328	3.312	5.1	21.4
6 10	15 13.54	−24 50.9	2.391	3.325	8.1	21.6
6 20	15 8.62	−24 20.6	2.477	3.338	10.8	21.8

242675 2005 SC_{164} 5 16.1 232°.65 3°.4/13.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 53.58	−10 1.8	2.528	3.373	10.6	20.7
4 21	15 49.07	− 9 14.5	2.446	3.367	8.0	20.5
5 1	15 43.03	− 8 26.7	2.389	3.361	5.4	20.4
5 11	15 35.99	− 7 41.8	2.359	3.354	3.5	20.2
5 21	15 28.61	− 7 3.1	2.358	3.348	4.3	20.3
5 31	15 21.59	− 6 33.6	2.384	3.341	6.8	20.4
6 10	15 15.55	− 6 15.4	2.436	3.334	9.5	20.6
6 20	15 10.97	− 6 9.3	2.511	3.327	12.0	20.7

313395 2002 NP_{73} 5 16.1 359°.72 2°.6/15.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 58.85	−13 15.7	1.284	2.153	17.3	20.4
4 21	15 54.43	−13 17.0	1.217	2.152	13.1	20.2
5 1	15 46.99	−13 18.2	1.169	2.151	8.3	19.9
5 11	15 37.47	−13 21.8	1.145	2.150	3.5	19.6
5 21	15 27.17	−13 30.1	1.145	2.150	4.2	19.6
5 31	15 17.58	−13 45.8	1.169	2.151	9.1	19.9
6 10	15 10.03	−14 10.6	1.215	2.153	13.8	20.2
6 20	15 5.33	−14 45.4	1.281	2.155	18.0	20.4

174739 2003 UX_{222} 5 16.1 219°.51 2°.6/17.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 2.47	−25 45.8	1.813	2.640	14.9	20.9
4 21	15 56.69	−26 5.2	1.725	2.633	11.6	20.7
5 1	15 48.23	−26 14.3	1.659	2.626	7.8	20.5
5 11	15 37.89	−26 11.6	1.619	2.619	3.9	20.2
5 21	15 26.75	−25 57.5	1.605	2.611	3.2	20.1
5 31	15 16.10	−25 34.6	1.619	2.602	6.8	20.3
6 10	15 7.12	−25 7.8	1.658	2.594	10.9	20.5
6 20	15 0.62	−24 42.1	1.719	2.584	14.5	20.8

23121 Michaelding 5 16.1 147°.51 3°.4/18.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 59.37	−29 30.5	2.052	2.866	13.8	18.8
4 21	15 53.98	−29 41.8	1.972	2.869	10.9	18.6
5 1	15 46.33	−29 40.2	1.914	2.872	7.6	18.4
5 11	15 37.17	−29 25.0	1.882	2.875	4.5	18.3
5 21	15 27.49	−28 57.0	1.877	2.878	3.6	18.2
5 31	15 18.37	−28 19.3	1.899	2.881	6.2	18.4
6 10	15 10.77	−27 36.8	1.948	2.883	9.5	18.6
6 20	15 5.34	−26 54.7	2.019	2.886	12.6	18.8

351849 2006 RO_{21} 5 16.1 162.°85 2.°3/17.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 57.65	−28 32.8	3.101	3.899	10.0	22.6
4 21	15 51.94	−28 39.2	3.016	3.906	7.8	22.4
5 1	15 44.73	−28 36.9	2.956	3.912	5.4	22.3
5 11	15 36.57	−28 25.8	2.923	3.917	3.1	22.1
5 21	15 28.08	−28 6.6	2.920	3.922	2.5	22.1
5 31	15 19.96	−27 41.2	2.947	3.926	4.4	22.2
6 10	15 12.84	−27 12.4	3.002	3.930	6.9	22.4
6 20	15 7.16	−26 43.3	3.082	3.933	9.2	22.5

180329 2003 YH_{17} 5 16.1 128.°80 1.°1/16.7 17

4 11	16 1.69	−23 13.3	1.857	2.689	14.4	21.2
4 21	15 55.66	−23 6.0	1.788	2.702	10.9	21.0
5 1	15 47.31	−22 49.1	1.742	2.715	7.0	20.8
5 11	15 37.49	−22 23.3	1.722	2.727	2.8	20.5
5 21	15 27.24	−21 50.7	1.730	2.738	2.2	20.5
5 31	15 17.69	−21 15.3	1.765	2.749	6.3	20.8
6 10	15 9.82	−20 41.6	1.826	2.760	10.2	21.1
6 20	15 4.24	−20 13.7	1.910	2.770	13.5	21.3

465878 2010 TM_{34} 5 16.1 87.°84 0.°7/15.8 16

4 11	16 0.47	−18 23.3	1.568	2.419	15.6	22.1
4 21	15 55.02	−18 11.3	1.507	2.432	11.7	21.8
5 1	15 47.02	−17 53.0	1.467	2.445	7.2	21.6
5 11	15 37.40	−17 30.4	1.451	2.458	2.5	21.3
5 21	15 27.32	−17 6.4	1.463	2.471	2.7	21.4
5 31	15 18.04	−16 44.8	1.500	2.483	7.3	21.7
6 10	15 10.60	−16 29.5	1.562	2.496	11.6	22.0
6 20	15 5.64	−16 23.2	1.645	2.508	15.2	22.2

205715 2002 AE_{78} 5 16.1 152.°42 1.°5/16.8 17

4 11	16 2.13	−23 25.7	1.585	2.425	16.0	21.1
4 21	15 56.49	−23 26.9	1.512	2.430	12.3	20.9
5 1	15 48.08	−23 17.5	1.461	2.434	7.9	20.6
5 11	15 37.81	−22 57.5	1.434	2.438	3.2	20.3
5 21	15 26.90	−22 28.8	1.433	2.441	2.6	20.3
5 31	15 16.71	−21 55.6	1.459	2.445	7.2	20.6
6 10	15 8.43	−21 23.4	1.509	2.447	11.6	20.8
6 20	15 2.80	−20 57.0	1.581	2.450	15.4	21.1

502795 2015 DR_{104} 5 16.1 147.°94 5.°3/18.6 17

4 11	16 3.16	−32 23.0	1.908	2.711	15.2	22.2
4 21	15 57.17	−33 5.3	1.830	2.715	12.2	22.0
5 1	15 48.49	−33 33.4	1.773	2.719	9.0	21.8
5 11	15 37.97	−33 44.4	1.741	2.723	6.2	21.7
5 21	15 26.73	−33 37.3	1.735	2.727	5.4	21.6
5 31	15 16.09	−33 14.3	1.757	2.731	7.4	21.7
6 10	15 7.22	−32 40.7	1.803	2.734	10.5	21.9
6 20	15 0.88	−32 2.7	1.873	2.737	13.6	22.1

66004 1998 OV_{9} 5 16.1 321.°85 3.°1/14.1 17

4 11	15 53.24	−12 6.8	2.023	2.878	12.4	19.5
4 21	15 49.26	−11 29.9	1.938	2.866	9.4	19.2
5 1	15 43.36	−10 51.3	1.877	2.854	6.1	19.0
5 11	15 36.16	−10 14.4	1.842	2.843	3.4	18.8
5 21	15 28.47	− 9 42.9	1.833	2.831	4.2	18.9
5 31	15 21.16	− 9 20.3	1.851	2.821	7.5	19.0
6 10	15 15.06	− 9 9.2	1.894	2.810	10.9	19.2
6 20	15 10.76	− 9 10.7	1.959	2.800	14.0	19.4

299423 2005 YE_{170} 5 16.1 192.°57 0.°9/16.6 16

4 11	16 1.41	−23 43.2	1.597	2.437	15.9	21.1
4 21	15 55.96	−23 18.7	1.518	2.436	12.2	20.9
5 1	15 47.76	−22 41.1	1.460	2.435	7.8	20.6
5 11	15 37.71	−21 51.9	1.428	2.433	3.0	20.3
5 21	15 27.01	−20 54.5	1.421	2.431	2.4	20.3
5 31	15 17.01	−19 54.6	1.442	2.428	7.3	20.6
6 10	15 8.88	−18 58.9	1.487	2.424	11.8	20.8
6 20	15 3.36	−18 12.9	1.554	2.420	15.8	21.0

386469 2008 YN_{40} 5 16.1 137.°05 3.°4/14.1 17

4 11	15 56.91	− 9 32.8	2.192	3.036	12.0	21.1
4 21	15 51.72	− 9 10.3	2.120	3.040	9.1	21.0
5 1	15 44.73	− 8 49.1	2.072	3.045	6.0	20.8
5 11	15 36.60	− 8 32.2	2.052	3.049	3.6	20.6
5 21	15 28.10	− 8 22.0	2.059	3.053	4.3	20.7
5 31	15 20.07	− 8 20.7	2.093	3.057	7.2	20.9
6 10	15 13.25	− 8 29.7	2.154	3.061	10.2	21.0
6 20	15 8.18	− 8 49.2	2.237	3.064	12.9	21.2

153964 2002 AP_{42} 5 16.1 282.°71 2.°2/14.9 18

4 11	15 58.80	−15 26.1	1.868	2.716	13.6	20.2
4 21	15 53.90	−14 55.1	1.759	2.683	10.4	19.9
5 1	15 46.55	−14 18.6	1.672	2.650	6.6	19.6
5 11	15 37.37	−13 39.2	1.611	2.616	2.8	19.3
5 21	15 27.26	−13 0.3	1.578	2.582	3.6	19.3
5 31	15 17.34	−12 26.5	1.571	2.547	7.9	19.5
6 10	15 8.73	−12 2.0	1.590	2.511	12.2	19.6
6 20	15 2.26	−11 49.8	1.630	2.475	16.1	19.8

477095 2009 BS_{146} 5 16.1 23.°61 4.°9/19.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 58.05	−33 36.6	2.044	2.846	14.3	21.0
4 21	15 53.13	−33 55.4	1.963	2.848	11.6	20.8
5 1	15 45.87	−33 58.9	1.904	2.850	8.6	20.7
5 11	15 37.04	−33 45.4	1.870	2.852	5.9	20.5
5 21	15 27.66	−33 15.3	1.861	2.854	5.0	20.4
5 31	15 18.85	−32 31.5	1.879	2.856	6.8	20.6
6 10	15 11.61	−31 39.5	1.923	2.858	9.7	20.7
6 20	15 6.59	−30 45.3	1.990	2.860	12.6	20.9

471463 2011 UK_{245} 5 16.1 164.°60 1.°1/16.8 16

4 11	15 56.97	−22 53.1	2.705	3.527	10.7	22.1
4 21	15 51.61	−23 0.8	2.622	3.530	8.1	21.9
5 1	15 44.62	−23 2.2	2.563	3.533	5.2	21.7
5 11	15 36.57	−22 57.8	2.532	3.535	2.2	21.5
5 21	15 28.14	−22 48.3	2.530	3.538	1.7	21.5
5 31	15 20.08	−22 35.7	2.557	3.540	4.7	21.7
6 10	15 13.07	−22 22.4	2.611	3.541	7.7	21.9
6 20	15 7.60	−22 10.9	2.690	3.543	10.3	22.1

379389 2009 YD_{6} 5 16.1 102.°75 1.°9/15.0 17

4 11	15 58.45	−14 47.4	1.996	2.841	13.0	21.4
4 21	15 52.97	−14 25.6	1.933	2.856	9.7	21.2
5 1	15 45.53	−14 1.2	1.893	2.870	6.0	21.0
5 11	15 36.87	−13 36.7	1.880	2.884	2.6	20.8
5 21	15 27.90	−13 14.8	1.894	2.898	3.1	20.9
5 31	15 19.53	−12 58.3	1.936	2.912	6.7	21.2
6 10	15 12.58	−12 49.9	2.004	2.925	10.1	21.4
6 20	15 7.57	−12 50.7	2.095	2.938	13.1	21.6

379631 2011 DH_{18} 5 16.1 192.°32 5.°1/12.6 18

4 11	15 56.84	− 7 9.4	2.097	2.943	12.4	21.3
4 21	15 51.75	− 6 6.5	2.023	2.941	9.6	21.1
5 1	15 44.80	− 5 4.8	1.973	2.940	6.8	20.9
5 11	15 36.65	− 4 9.4	1.950	2.937	5.1	20.8
5 21	15 28.10	− 3 24.6	1.954	2.935	6.0	20.9
5 31	15 20.02	− 2 54.1	1.986	2.932	8.7	21.0
6 10	15 13.20	− 2 40.1	2.042	2.928	11.6	21.2
6 20	15 8.16	− 2 42.4	2.119	2.924	14.3	21.4

509361 2007 AR_{31} 5 16.1 192.°69 5.°4/11.4 18

4 11	15 54.35	+ 1 21.0	3.175	3.996	9.3	22.8
4 21	15 49.30	+ 2 2.6	3.101	3.993	7.5	22.7
5 1	15 43.04	+ 2 38.1	3.053	3.990	6.1	22.6
5 11	15 36.01	+ 3 4.5	3.031	3.987	5.4	22.6
5 21	15 28.72	+ 3 19.3	3.038	3.983	6.0	22.6
5 31	15 21.72	+ 3 21.1	3.072	3.979	7.5	22.7
6 10	15 15.53	+ 3 9.6	3.132	3.974	9.2	22.8
6 20	15 10.51	+ 2 45.3	3.214	3.968	10.9	22.9

230081 2000 WP_{38} 5 16.1 152.°42 4.°6/13.8 18

4 11	15 59.33	− 6 4.1	2.069	2.910	12.8	20.5
4 21	15 53.60	− 5 43.4	1.999	2.915	9.8	20.3
5 1	15 45.94	− 5 27.0	1.953	2.919	6.8	20.1
5 11	15 37.04	− 5 18.2	1.933	2.924	4.8	20.0
5 21	15 27.73	− 5 19.4	1.941	2.928	5.5	20.0
5 31	15 18.95	− 5 32.5	1.977	2.931	8.1	20.2
6 10	15 11.48	− 5 58.0	2.037	2.935	11.1	20.4
6 20	15 5.90	− 6 34.9	2.120	2.938	13.9	20.6

326657 2002 TK_{205} 5 16.1 271.°15 9.°7/ 9.0 18

4 11	15 57.78	−10 3.3	1.090	1.971	18.8	20.3
4 21	15 53.99	− 6 51.1	1.020	1.958	14.7	20.0
5 1	15 46.90	− 3 24.4	0.973	1.945	10.9	19.8
5 11	15 37.51	− 0 0.5	0.949	1.932	9.8	19.7
5 21	15 27.25	+ 3 0.9	0.949	1.919	12.4	19.7
5 31	15 17.77	+ 5 23.2	0.972	1.905	16.8	19.9
6 10	15 10.52	+ 6 58.4	1.014	1.892	21.2	20.2
6 20	15 6.33	+ 7 47.2	1.071	1.878	25.1	20.4

310508 2000 WP_{75} 5 16.1 195.°30 2.°9/17.7 17

4 11	16 1.32	−28 9.0	1.721	2.547	15.6	20.8
4 21	15 55.84	−28 1.8	1.639	2.546	12.2	20.5
5 1	15 47.68	−27 39.6	1.579	2.544	8.3	20.3
5 11	15 37.70	−27 1.9	1.543	2.542	4.3	20.0
5 21	15 27.08	−26 10.7	1.533	2.539	3.3	20.0
5 31	15 17.11	−25 10.8	1.550	2.536	6.9	20.2
6 10	15 8.96	−24 9.2	1.593	2.532	11.0	20.4
6 20	15 3.37	−23 12.2	1.658	2.528	14.7	20.6

244957 2003 YS_{141} 5 16.1 183.°29 5.°3/19.7 18

4 11	15 59.23	−35 43.8	2.144	2.933	14.2	20.7
4 21	15 53.97	−35 58.1	2.059	2.933	11.6	20.5
5 1	15 46.38	−35 55.9	1.996	2.933	8.8	20.3
5 11	15 37.23	−35 35.4	1.958	2.933	6.3	20.2
5 21	15 27.53	−34 56.8	1.945	2.933	5.4	20.1
5 31	15 18.41	−34 3.2	1.960	2.932	6.9	20.2
6 10	15 10.86	−33 0.4	2.001	2.932	9.6	20.4
6 20	15 5.53	−31 54.8	2.065	2.931	12.4	20.5

398496 2011 UF_{179} 5 16.1 338°.05 2°.1/15.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 56.55	−12 44.1	2.261	3.104	11.7	20.5
4 21	15 51.51	−12 42.0	2.181	3.103	8.8	20.4
5 1	15 44.65	−12 39.8	2.126	3.102	5.6	20.1
5 11	15 36.61	−12 39.2	2.098	3.101	2.6	19.9
5 21	15 28.13	−12 41.8	2.097	3.100	3.1	20.0
5 31	15 20.06	−12 49.3	2.125	3.100	6.3	20.2
6 10	15 13.14	−13 3.1	2.179	3.099	9.5	20.4
6 20	15 7.93	−13 24.0	2.256	3.098	12.4	20.6

336806 2011 DE_{8} 5 16.1 320°.05 7°.6/18.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.11	−34 18.3	1.586	2.398	17.3	20.4
4 21	15 56.53	−35 32.4	1.498	2.384	14.4	20.2
5 1	15 48.64	−36 32.0	1.430	2.371	11.2	19.9
5 11	15 38.20	−37 11.4	1.384	2.358	8.5	19.8
5 21	15 26.49	−37 26.9	1.363	2.346	7.7	19.7
5 31	15 15.18	−37 18.6	1.366	2.334	9.6	19.7
6 10	15 5.87	−36 52.0	1.391	2.323	12.9	19.9
6 20	14 59.65	−36 15.0	1.438	2.312	16.3	20.1

302510 2002 GP_{189} 5 16.1 94°.24 6°.1/11.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 53.36	− 1 26.2	2.429	3.268	11.2	20.9
4 21	15 48.83	− 0 18.5	2.372	3.279	8.9	20.8
5 1	15 42.84	+ 0 43.5	2.340	3.289	7.0	20.6
5 11	15 35.95	+ 1 35.1	2.334	3.300	6.1	20.6
5 21	15 28.83	+ 2 12.6	2.355	3.310	6.9	20.7
5 31	15 22.16	+ 2 33.7	2.402	3.320	8.8	20.8
6 10	15 16.54	+ 2 37.6	2.473	3.330	10.9	21.0
6 20	15 12.39	+ 2 25.4	2.566	3.340	12.9	21.1

115318 2003 SJ_{217} 5 16.1 190°.47 1°.7/15.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 56.42	−16 14.9	2.141	2.985	12.3	20.4
4 21	15 51.49	−15 41.5	2.061	2.984	9.2	20.2
5 1	15 44.67	−15 3.5	2.006	2.983	5.7	19.9
5 11	15 36.63	−14 23.6	1.977	2.982	2.3	19.7
5 21	15 28.17	−13 45.0	1.976	2.981	2.9	19.8
5 31	15 20.18	−13 11.2	2.003	2.979	6.4	20.0
6 10	15 13.45	−12 45.5	2.056	2.978	9.9	20.2
6 20	15 8.53	−12 30.0	2.132	2.976	12.9	20.4

225835 2001 XT_{80} 5 16.1 262°.86 2°.7/17.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.71	−25 3.3	1.887	2.714	14.4	19.9
4 21	15 56.17	−25 35.1	1.790	2.698	11.2	19.6
5 1	15 48.00	−25 58.7	1.716	2.683	7.6	19.4
5 11	15 37.90	−26 12.3	1.667	2.667	3.9	19.1
5 21	15 26.88	−26 15.5	1.645	2.651	3.2	19.0
5 31	15 16.17	−26 9.6	1.651	2.634	6.8	19.2
6 10	15 6.99	−25 58.6	1.682	2.618	10.8	19.4
6 20	15 0.18	−25 46.8	1.736	2.601	14.4	19.6

472385 2015 BY_{100} 5 16.1 299°.15 5°.3/13.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 55.86	− 9 8.8	1.593	2.455	14.8	20.5
4 21	15 51.82	− 8 15.6	1.505	2.434	11.5	20.2
5 1	15 45.28	− 7 21.6	1.439	2.413	7.9	20.0
5 11	15 36.95	− 6 32.3	1.397	2.392	5.4	19.8
5 21	15 27.82	− 5 53.4	1.380	2.371	6.5	19.8
5 31	15 19.09	− 5 30.1	1.389	2.351	10.2	19.9
6 10	15 11.87	− 5 25.4	1.420	2.331	14.2	20.1
6 20	15 6.95	− 5 39.9	1.470	2.311	17.8	20.3

261049 2005 SY_{165} 5 16.1 278°.79 2°.2/17.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 57.93	−25 4.4	2.282	3.105	12.3	20.3
4 21	15 52.78	−25 27.3	2.191	3.098	9.6	20.1
5 1	15 45.59	−25 42.5	2.124	3.091	6.4	19.9
5 11	15 36.99	−25 49.4	2.084	3.084	3.2	19.7
5 21	15 27.81	−25 48.0	2.071	3.077	2.6	19.6
5 31	15 18.97	−25 40.2	2.086	3.070	5.6	19.8
6 10	15 11.38	−25 28.8	2.128	3.063	8.9	20.0
6 20	15 5.65	−25 17.4	2.194	3.055	11.9	20.2

125592 Buthiers 5 16.1 177°.91 0°.7/16.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 59.81	−21 56.1	2.106	2.936	13.0	19.7
4 21	15 54.15	−21 52.0	2.024	2.938	9.8	19.5
5 1	15 46.40	−21 40.4	1.966	2.939	6.2	19.3
5 11	15 37.25	−21 21.7	1.934	2.940	2.3	19.0
5 21	15 27.61	−20 57.8	1.931	2.940	2.0	19.0
5 31	15 18.46	−20 31.6	1.956	2.939	5.9	19.3
6 10	15 10.71	−20 6.9	2.007	2.939	9.5	19.5
6 20	15 4.96	−19 47.0	2.082	2.937	12.7	19.7

179389 2001 YP_{69} 5 16.1 151°.35 1°.8/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 56.11	−13 32.7	2.727	3.563	10.2	21.3
4 21	15 50.83	−13 18.0	2.652	3.570	7.6	21.1
5 1	15 44.08	−13 2.0	2.601	3.576	4.8	21.0
5 11	15 36.41	−12 46.6	2.579	3.582	2.2	20.8
5 21	15 28.44	−12 33.6	2.586	3.588	2.7	20.8
5 31	15 20.85	−12 24.8	2.622	3.594	5.4	21.0
6 10	15 14.26	−12 22.1	2.685	3.599	8.2	21.2
6 20	15 9.09	−12 26.3	2.773	3.603	10.6	21.4

31820 1999 RT_{186} 5 16.1 317°.70 0°.4/15.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 48.22	−18 10.6	4.184	5.016	7.0	19.2
4 21	15 44.61	−17 54.6	4.095	5.011	5.2	19.1
5 1	15 40.11	−17 35.8	4.031	5.007	3.2	18.9
5 11	15 35.04	−17 15.4	3.996	5.002	1.1	18.8
5 21	15 29.76	−16 54.6	3.990	4.998	1.2	18.8
5 31	15 24.68	−16 34.8	4.014	4.993	3.4	18.9
6 10	15 20.17	−16 17.5	4.066	4.989	5.4	19.1
6 20	15 16.52	−16 3.9	4.144	4.985	7.2	19.2

32310 Asherwillner 5 16.1 174°.06 1°.6/17.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 59.69	−25 10.7	2.191	3.013	12.8	19.7
4 21	15 54.01	−25 3.0	2.108	3.015	9.9	19.5
5 1	15 46.29	−24 45.3	2.049	3.017	6.4	19.2
5 11	15 37.22	−24 17.9	2.017	3.019	2.9	19.0
5 21	15 27.69	−23 42.7	2.012	3.020	2.2	19.0
5 31	15 18.67	−23 2.9	2.037	3.021	5.6	19.2
6 10	15 11.04	−22 22.9	2.088	3.021	9.1	19.4
6 20	15 5.38	−21 46.9	2.162	3.020	12.2	19.6

79078 4188 $T\text{-}_{3}$ 5 16.1 275°.12 2°.9/14.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 0.13	−14 5.6	1.497	2.355	15.9	19.8
4 21	15 55.36	−13 40.5	1.404	2.333	12.1	19.5
5 1	15 47.68	−13 11.5	1.332	2.312	7.8	19.2
5 11	15 37.85	−12 41.8	1.285	2.289	3.5	18.9
5 21	15 26.99	−12 15.5	1.263	2.267	4.4	18.9
5 31	15 16.48	−11 57.2	1.267	2.244	9.2	19.1
6 10	15 7.68	−11 50.8	1.294	2.221	14.0	19.3
6 20	15 1.52	−11 58.7	1.340	2.198	18.3	19.5

77061 2001 DC_{17} 5 16.1 359°.88 5°.1/14.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 58.25	− 8 45.6	1.348	2.215	16.7	18.7
4 21	15 53.78	− 8 19.0	1.282	2.214	12.8	18.4
5 1	15 46.52	− 7 55.5	1.237	2.213	8.6	18.2
5 11	15 37.37	− 7 39.9	1.215	2.213	5.4	18.0
5 21	15 27.55	− 7 36.4	1.217	2.213	6.3	18.0
5 31	15 18.43	− 7 47.9	1.244	2.214	10.2	18.3
6 10	15 11.21	− 8 15.5	1.293	2.215	14.4	18.5
6 20	15 6.63	− 8 58.2	1.360	2.217	18.1	18.7

286424 2001 YQ_{156} 5 16.1 116°.38 3°.5/14.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 59.14	− 6 37.1	2.520	3.352	11.0	21.1
4 21	15 53.13	− 6 37.4	2.452	3.363	8.4	21.0
5 1	15 45.53	− 6 41.5	2.408	3.375	5.7	20.8
5 11	15 36.92	− 6 51.5	2.392	3.385	3.7	20.7
5 21	15 28.02	− 7 8.6	2.406	3.396	4.2	20.7
5 31	15 19.56	− 7 33.6	2.448	3.407	6.6	20.9
6 10	15 12.21	− 8 6.6	2.518	3.417	9.2	21.1
6 20	15 6.44	− 8 47.3	2.611	3.427	11.6	21.3

229259 2005 AA_{14} 5 16.1 133°.87 5°.8/20.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 2.00	−38 4.7	2.328	3.096	13.8	20.8
4 21	15 55.89	−38 26.7	2.250	3.107	11.4	20.6
5 1	15 47.50	−38 32.0	2.195	3.117	8.9	20.5
5 11	15 37.65	−38 18.5	2.164	3.127	6.7	20.4
5 21	15 27.33	−37 46.0	2.160	3.137	5.8	20.3
5 31	15 17.66	−36 57.6	2.183	3.146	7.0	20.4
6 10	15 9.57	−35 58.5	2.233	3.155	9.2	20.6
6 20	15 3.69	−34 54.9	2.306	3.163	11.6	20.7

152420 2005 UH_{383} 5 16.1 239°.79 4°.6/13.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 58.58	− 2 12.1	2.797	3.621	10.3	19.7
4 21	15 52.73	− 2 3.7	2.706	3.608	8.2	19.5
5 1	15 45.32	− 2 1.2	2.640	3.594	6.0	19.4
5 11	15 36.89	− 2 7.0	2.602	3.581	4.7	19.3
5 21	15 28.03	− 2 22.8	2.593	3.566	5.2	19.3
5 31	15 19.45	− 2 49.8	2.613	3.552	7.2	19.4
6 10	15 11.79	− 3 27.8	2.660	3.537	9.6	19.5
6 20	15 5.53	− 4 16.0	2.731	3.522	11.8	19.6

499618 2010 UL_{50} 5 16.1 204°.26 0°.1/16.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 0.54	−21 5.3	2.113	2.943	12.9	23.3
4 21	15 54.74	−20 46.2	2.024	2.938	9.8	23.1
5 1	15 46.81	−20 19.1	1.958	2.932	6.2	22.9
5 11	15 37.43	−19 45.2	1.920	2.926	2.2	22.6
5 21	15 27.52	−19 6.9	1.909	2.918	2.0	22.6
5 31	15 18.06	−18 27.8	1.928	2.910	6.1	22.8
6 10	15 9.98	−17 52.2	1.973	2.901	9.9	23.0
6 20	15 3.90	−17 23.5	2.041	2.891	13.2	23.2

15323 1993 QH_{4} 5 16.1 238°.35 0°.8/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 54.88	−17 29.3	2.861	3.693	9.8	19.7
4 21	15 50.02	−17 9.8	2.763	3.680	7.4	19.5
5 1	15 43.66	−16 46.3	2.691	3.666	4.6	19.3
5 11	15 36.32	−16 20.3	2.646	3.652	1.6	19.0
5 21	15 28.58	−15 53.8	2.631	3.638	1.9	19.0
5 31	15 21.12	−15 29.0	2.646	3.623	5.0	19.2
6 10	15 14.54	−15 8.4	2.687	3.608	7.9	19.4
6 20	15 9.33	−14 53.9	2.753	3.593	10.5	19.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
118187 1993 YC_1			5 16.1 188°.56		1°.1/15.5 18	
	h m	° ′			°	m
4 11	16 0.26	−16 23.6	2.353	3.184	11.7	20.9
4 21	15 54.26	−16 13.8	2.268	3.184	8.8	20.7
5 1	15 46.38	−16 0.7	2.207	3.182	5.5	20.5
5 11	15 37.27	−15 45.6	2.174	3.180	2.0	20.2
5 21	15 27.70	−15 30.4	2.171	3.177	2.4	20.3
5 31	15 18.54	−15 17.5	2.196	3.173	5.9	20.5
6 10	15 10.58	−15 9.3	2.249	3.169	9.2	20.7
6 20	15 4.40	−15 7.7	2.326	3.164	12.2	20.9
48154 2001 GT_3			5 16.1 335°.07		6°.3/13.6 18	R
4 11	15 54.65	− 5 28.8	1.447	2.314	15.7	17.3
4 21	15 51.08	− 5 1.8	1.367	2.297	12.4	17.0
5 1	15 44.90	− 4 40.9	1.308	2.280	8.9	16.8
5 11	15 36.87	− 4 31.5	1.272	2.264	6.5	16.6
5 21	15 28.03	− 4 37.8	1.260	2.249	7.4	16.6
5 31	15 19.63	− 5 2.8	1.272	2.235	10.8	16.7
6 10	15 12.86	− 5 46.8	1.306	2.223	14.7	16.9
6 20	15 8.52	− 6 48.0	1.359	2.211	18.4	17.1
338571 2003 SR_{86}			5 16.1 267°.56		1°.4/17.0 18	
4 11	15 57.64	−25 11.8	2.094	2.922	13.1	20.2
4 21	15 52.78	−24 52.5	1.991	2.902	10.1	20.0
5 1	15 45.71	−24 21.7	1.912	2.882	6.6	19.7
5 11	15 37.10	−23 39.9	1.858	2.862	2.9	19.4
5 21	15 27.83	−22 49.1	1.833	2.841	2.2	19.3
5 31	15 18.91	−21 53.5	1.835	2.820	6.0	19.5
6 10	15 11.33	−20 58.1	1.863	2.799	9.9	19.7
6 20	15 5.76	−20 8.1	1.915	2.777	13.4	19.9
509770 2008 UF_{77}			5 16.1 258°.58		0°.4/15.9 18	
4 11	15 58.56	−18 38.9	2.086	2.925	12.8	21.8
4 21	15 53.39	−18 35.3	1.990	2.910	9.7	21.5
5 1	15 46.06	−18 26.7	1.918	2.894	6.1	21.3
5 11	15 37.22	−18 14.0	1.872	2.878	2.1	21.0
5 21	15 27.71	−17 59.0	1.854	2.862	2.2	21.0
5 31	15 18.54	−17 44.1	1.863	2.846	6.3	21.2
6 10	15 10.64	−17 32.7	1.899	2.829	10.1	21.4
6 20	15 4.69	−17 27.3	1.958	2.812	13.5	21.6
357150 2002 CW_6			5 16.1 159°.02		5°.3/21.0 18	
4 11	16 2.74	−42 35.7	3.678	4.393	10.0	23.4
4 21	15 55.83	−43 10.4	3.591	4.403	8.6	23.3
5 1	15 47.25	−43 32.4	3.528	4.411	7.1	23.2
5 11	15 37.55	−43 39.8	3.492	4.419	5.8	23.1
5 21	15 27.46	−43 31.8	3.482	4.427	5.3	23.1
5 31	15 17.73	−43 9.7	3.502	4.434	5.8	23.1
6 10	15 9.07	−42 36.2	3.549	4.440	7.0	23.2
6 20	15 2.00	−41 55.2	3.621	4.445	8.5	23.3
362744 2011 UO_{325}			5 16.1 210°.29		1°.4/15.6 17	
4 11	16 2.20	−16 6.0	1.565	2.416	15.7	21.1
4 21	15 56.62	−16 2.5	1.487	2.413	11.9	20.9
5 1	15 48.27	−15 55.3	1.431	2.409	7.4	20.6
5 11	15 38.01	−15 46.2	1.399	2.406	2.7	20.3
5 21	15 27.00	−15 37.3	1.394	2.401	3.1	20.3
5 31	15 16.57	−15 31.8	1.416	2.397	7.9	20.6
6 10	15 7.94	−15 32.9	1.461	2.392	12.4	20.9
6 20	15 1.90	−15 42.8	1.528	2.387	16.3	21.1
436840 2012 SA_{13}			5 16.1 272°.85		2°.2/14.8 17	
4 11	15 56.02	−15 2.1	1.939	2.789	13.1	21.4
4 21	15 51.44	−14 27.5	1.857	2.783	9.8	21.2
5 1	15 44.79	−13 48.9	1.799	2.777	6.2	21.0
5 11	15 36.76	−13 9.2	1.767	2.771	2.7	20.7
5 21	15 28.21	−12 32.2	1.762	2.765	3.5	20.8
5 31	15 20.14	−12 1.6	1.784	2.759	7.2	21.0
6 10	15 13.40	−11 40.8	1.831	2.753	10.9	21.2
6 20	15 8.62	−11 31.6	1.900	2.746	14.1	21.4
221204 2005 UH_{67}			5 16.1 129°.87		1°.7/15.1 17	
4 11	15 59.09	−15 57.5	2.097	2.937	12.6	21.6
4 21	15 53.40	−15 24.9	2.030	2.951	9.4	21.4
5 1	15 45.81	−14 48.4	1.988	2.964	5.9	21.2
5 11	15 37.05	−14 10.6	1.972	2.977	2.4	21.0
5 21	15 27.98	−13 34.6	1.985	2.989	2.9	21.1
5 31	15 19.50	−13 3.9	2.026	3.001	6.5	21.3
6 10	15 12.40	−12 41.4	2.093	3.012	9.9	21.5
6 20	15 7.18	−12 28.9	2.183	3.022	12.8	21.8
428275 2007 DM_{111}			5 16.1 215°.12		6°.9/19.6 17	
4 11	16 2.94	−36 17.9	1.841	2.632	16.1	21.5
4 21	15 57.36	−37 6.1	1.758	2.630	13.3	21.3
5 1	15 48.84	−37 37.3	1.696	2.628	10.4	21.1
5 11	15 38.24	−37 47.4	1.657	2.626	7.8	20.9
5 21	15 26.78	−37 34.7	1.643	2.624	6.9	20.9
5 31	15 15.90	−37 1.3	1.655	2.621	8.5	21.0
6 10	15 6.91	−36 13.2	1.692	2.619	11.3	21.1
6 20	15 0.68	−35 18.1	1.751	2.616	14.3	21.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
457553 2008 YL_{64}			5 16.1 329°.71		2°.7/17.5 17	
	h m	° ′			°	m
4 11	15 56.40	−27 5.2	1.225	2.083	18.7	20.8
4 21	15 53.08	−26 50.9	1.148	2.074	14.6	20.5
5 1	15 46.45	−26 17.4	1.090	2.065	9.8	20.2
5 11	15 37.46	−25 24.9	1.054	2.057	4.7	19.9
5 21	15 27.55	−24 16.6	1.041	2.049	3.4	19.8
5 31	15 18.38	−23 0.2	1.052	2.043	8.4	20.0
6 10	15 11.46	−21 45.4	1.084	2.037	13.6	20.3
6 20	15 7.65	−20 40.6	1.136	2.031	18.2	20.6
334850 2003 US_{49}			5 16.1 171°.68		5°.2/19.9 18	
4 11	16 1.36	−36 59.3	2.556	3.325	12.7	21.2
4 21	15 55.28	−37 21.0	2.469	3.328	10.5	21.0
5 1	15 47.11	−37 28.1	2.405	3.331	8.1	20.9
5 11	15 37.55	−37 18.5	2.367	3.333	6.0	20.8
5 21	15 27.50	−36 52.1	2.356	3.335	5.2	20.7
5 31	15 17.95	−36 11.2	2.372	3.336	6.4	20.8
6 10	15 9.78	−35 20.3	2.416	3.337	8.6	20.9
6 20	15 3.61	−34 24.7	2.483	3.337	11.0	21.1
261128 2005 TR_{27}			5 16.1 215°.60		0°.8/16.7 18	
4 11	15 56.57	−22 8.9	2.791	3.614	10.3	21.1
4 21	15 51.36	−22 11.9	2.698	3.607	7.9	20.9
5 1	15 44.54	−22 9.2	2.630	3.601	5.0	20.7
5 11	15 36.65	−22 1.1	2.590	3.594	2.0	20.5
5 21	15 28.34	−21 48.7	2.578	3.587	1.6	20.4
5 31	15 20.34	−21 33.8	2.596	3.579	4.7	20.6
6 10	15 13.32	−21 18.9	2.642	3.572	7.6	20.8
6 20	15 7.77	−21 6.4	2.713	3.563	10.3	21.0
103611 2000 CW_{20}			5 16.1 340°.51		3°.3/14.7 18	
4 11	15 54.44	−14 9.1	1.260	2.137	17.0	18.8
4 21	15 51.24	−13 34.6	1.188	2.127	12.9	18.5
5 1	15 45.13	−12 55.8	1.135	2.118	8.2	18.2
5 11	15 36.98	−12 17.3	1.105	2.110	3.9	17.9
5 21	15 28.02	−11 44.4	1.099	2.102	4.9	17.9
5 31	15 19.69	−11 22.4	1.116	2.096	9.7	18.2
6 10	15 13.28	−11 15.5	1.154	2.091	14.5	18.4
6 20	15 9.61	−11 25.1	1.211	2.086	18.7	18.7
440668 2005 XU_{81}			5 16.1 286°.85		4°.0/13.9 18	
4 11	15 56.55	− 6 51.4	2.353	3.193	11.4	21.2
4 21	15 51.57	− 6 37.5	2.257	3.174	8.8	21.0
5 1	15 44.79	− 6 26.9	2.186	3.154	6.1	20.8
5 11	15 36.77	− 6 22.3	2.142	3.135	4.1	20.6
5 21	15 28.21	− 6 26.2	2.126	3.115	4.8	20.6
5 31	15 19.91	− 6 40.1	2.137	3.095	7.4	20.7
6 10	15 12.64	− 7 5.1	2.174	3.075	10.4	20.9
6 20	15 6.98	− 7 40.9	2.234	3.055	13.2	21.0
480310 2015 HV_{173}			5 16.1 343°.04		3°.4/13.7 17	
4 11	15 53.21	−14 51.4	1.735	2.597	13.9	20.5
4 21	15 49.48	−13 33.3	1.660	2.592	10.4	20.2
5 1	15 43.62	−12 8.5	1.607	2.587	6.6	20.0
5 11	15 36.37	−10 42.4	1.580	2.582	3.6	19.8
5 21	15 28.64	− 9 21.5	1.580	2.578	4.7	19.9
5 31	15 21.47	− 8 12.3	1.606	2.575	8.4	20.1
6 10	15 15.73	− 7 19.6	1.656	2.572	12.2	20.3
6 20	15 12.03	− 6 45.6	1.727	2.569	15.5	20.5
94499 2001 UB_{51}			5 16.1 229°.57		4°.5/13.6 16	
4 11	16 0.67	−10 3.9	1.768	2.616	14.3	21.0
4 21	15 55.16	− 9 12.6	1.682	2.604	10.9	20.8
5 1	15 47.25	− 8 19.9	1.618	2.591	7.4	20.5
5 11	15 37.66	− 7 30.6	1.581	2.578	4.7	20.4
5 21	15 27.39	− 6 49.7	1.571	2.563	5.7	20.4
5 31	15 17.57	− 6 21.7	1.587	2.548	9.2	20.6
6 10	15 9.25	− 6 9.7	1.628	2.532	13.1	20.7
6 20	15 3.16	− 6 14.5	1.690	2.516	16.5	20.9
190671 2001 AS_{22}			5 16.1 170°.35		0°.6/16.5 18	
4 11	15 59.30	−21 57.4	2.417	3.241	11.7	21.0
4 21	15 53.52	−21 51.1	2.335	3.245	8.9	20.8
5 1	15 45.92	−21 37.8	2.277	3.249	5.6	20.6
5 11	15 37.13	−21 18.3	2.246	3.252	2.1	20.4
5 21	15 27.93	−20 54.3	2.245	3.254	1.8	20.3
5 31	15 19.19	−20 28.3	2.273	3.255	5.3	20.6
6 10	15 11.66	−20 3.6	2.328	3.257	8.5	20.8
6 20	15 5.88	−19 43.0	2.407	3.257	11.4	21.0
416038 2002 ED_{102}			5 16.1 72°.89		8°.7/11.9 18	
4 11	15 58.88	+ 2 13.5	1.723	2.563	15.0	20.5
4 21	15 53.36	+ 3 11.4	1.682	2.584	12.2	20.3
5 1	15 45.80	+ 3 56.8	1.663	2.606	9.8	20.2
5 11	15 37.05	+ 4 24.0	1.668	2.627	8.7	20.2
5 21	15 28.08	+ 4 29.5	1.698	2.648	9.4	20.3
5 31	15 19.89	+ 4 12.0	1.752	2.669	11.5	20.5
6 10	15 13.29	+ 3 33.2	1.829	2.690	13.9	20.7
6 20	15 8.77	+ 2 36.6	1.925	2.711	16.2	20.9

32621 Talcott 5 16.1 135°.01 6°.9/13.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 0.21	− 1 15.5	1.816	2.657	14.3	17.4
4 21	15 54.51	− 0 47.2	1.751	2.661	11.4	17.2
5 1	15 46.65	− 0 27.7	1.709	2.664	8.6	17.1
5 11	15 37.40	− 0 21.8	1.691	2.668	6.9	17.0
5 21	15 27.70	− 0 32.3	1.700	2.671	7.6	17.0
5 31	15 18.59	− 1 0.7	1.734	2.675	10.1	17.2
6 10	15 10.98	− 1 46.2	1.793	2.678	13.0	17.4
6 20	15 5.47	− 2 46.4	1.872	2.681	15.8	17.6

386832 2010 HU_{58} 5 16.1 286°.96 4°.6/10.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 48.00	+ 4 1.1	4.293	5.109	7.1	20.7
4 21	15 44.42	+ 4 36.7	4.214	5.097	5.9	20.6
5 1	15 40.00	+ 5 6.7	4.161	5.086	5.0	20.5
5 11	15 35.05	+ 5 29.0	4.135	5.074	4.6	20.5
5 21	15 29.91	+ 5 41.9	4.135	5.062	5.1	20.5
5 31	15 24.94	+ 5 44.1	4.163	5.050	6.1	20.6
6 10	15 20.49	+ 5 35.5	4.216	5.038	7.4	20.7
6 20	15 16.83	+ 5 16.5	4.290	5.026	8.7	20.8

191862 2004 XQ_{10} 5 16.1 148°.32 2°.4/17.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 58.98	−28 22.7	2.264	3.076	12.8	20.5
4 21	15 53.43	−28 10.5	2.184	3.083	9.9	20.3
5 1	15 45.90	−27 46.2	2.129	3.090	6.7	20.1
5 11	15 37.12	−27 10.0	2.099	3.097	3.5	19.9
5 21	15 27.96	−26 23.9	2.098	3.103	2.7	19.9
5 31	15 19.36	−25 31.5	2.125	3.108	5.5	20.0
6 10	15 12.14	−24 37.6	2.179	3.114	8.7	20.3
6 20	15 6.85	−23 46.9	2.257	3.118	11.7	20.5

254473 2005 EG_{7} 5 16.1 134°.03 2°.5/17.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.63	−25 39.4	1.611	2.446	16.0	20.8
4 21	15 56.19	−25 49.2	1.537	2.450	12.4	20.6
5 1	15 47.99	−25 46.9	1.485	2.455	8.2	20.4
5 11	15 37.92	−25 31.8	1.457	2.459	4.0	20.1
5 21	15 27.19	−25 5.4	1.456	2.463	3.1	20.1
5 31	15 17.17	−24 31.4	1.480	2.466	7.1	20.3
6 10	15 9.05	−23 55.7	1.530	2.470	11.3	20.6
6 20	15 3.56	−23 23.6	1.601	2.473	15.0	20.8

182899 2002 EE_{14} 5 16.1 1°.75 3°.6/13.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 52.86	−11 49.0	1.997	2.853	12.5	19.6
4 21	15 48.93	−10 53.4	1.924	2.853	9.4	19.4
5 1	15 43.15	− 9 55.9	1.876	2.852	6.2	19.2
5 11	15 36.19	− 9 0.8	1.854	2.853	3.7	19.1
5 21	15 28.84	− 8 12.5	1.858	2.853	4.6	19.1
5 31	15 21.98	− 7 35.2	1.890	2.854	7.7	19.3
6 10	15 16.36	− 7 11.4	1.945	2.855	10.9	19.5
6 20	15 12.51	− 7 2.4	2.022	2.857	13.8	19.7

322209 2011 AS_{25} 5 16.1 257°.72 0°.1/16.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 59.39	−21 7.3	1.845	2.684	14.1	21.3
4 21	15 54.33	−20 46.8	1.747	2.667	10.8	21.0
5 1	15 46.81	−20 17.1	1.672	2.648	6.8	20.7
5 11	15 37.55	−19 39.2	1.623	2.630	2.4	20.4
5 21	15 27.51	−18 56.0	1.601	2.610	2.3	20.4
5 31	15 17.85	−18 11.7	1.607	2.591	6.9	20.6
6 10	15 9.67	−17 31.5	1.638	2.570	11.2	20.8
6 20	15 3.74	−16 59.6	1.691	2.550	15.0	21.0

125516 2001 WJ_{41} 5 16.1 180°.09 7°.4/11.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 59.19	+ 2 39.5	2.231	3.054	12.6	20.1
4 21	15 53.40	+ 3 25.0	2.163	3.056	10.3	20.0
5 1	15 45.82	+ 4 1.1	2.120	3.057	8.4	19.8
5 11	15 37.10	+ 4 23.0	2.102	3.057	7.4	19.8
5 21	15 28.01	+ 4 27.5	2.111	3.056	8.1	19.8
5 31	15 19.40	+ 4 13.0	2.146	3.056	10.0	19.9
6 10	15 12.02	+ 3 39.9	2.205	3.054	12.3	20.1
6 20	15 6.37	+ 2 50.4	2.285	3.052	14.5	20.2

58683 1998 AJ_{10} 5 16.1 266°.35 2°.2/15.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.62	−15 8.1	1.696	2.543	14.8	19.3
4 21	15 56.29	−14 44.9	1.593	2.517	11.3	19.0
5 1	15 48.23	−14 16.9	1.512	2.490	7.2	18.7
5 11	15 38.10	−13 46.8	1.457	2.462	3.0	18.4
5 21	15 26.95	−13 17.8	1.429	2.434	3.8	18.4
5 31	15 16.04	−12 54.2	1.427	2.404	8.4	18.6
6 10	15 6.64	−12 40.1	1.450	2.374	13.0	18.7
6 20	14 59.67	−12 38.3	1.494	2.343	17.2	18.9

146221 2000 VH_{58} 5 16.1 167°.50 1°.4/17.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 56.07	−25 43.8	3.002	3.814	10.0	21.4
4 21	15 50.83	−25 36.2	2.917	3.818	7.7	21.3
5 1	15 44.13	−25 20.7	2.857	3.822	5.0	21.1
5 11	15 36.51	−24 58.0	2.824	3.825	2.4	20.9
5 21	15 28.59	−24 29.2	2.821	3.828	1.8	20.9
5 31	15 21.02	−23 56.7	2.847	3.830	4.3	21.1
6 10	15 14.43	−23 23.3	2.902	3.832	7.0	21.2
6 20	15 9.25	−22 51.9	2.981	3.834	9.4	21.4

333579 2006 SO_{174} 5 16.1 104°.79 3°.6/13.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 58.87	−13 49.9	1.718	2.570	14.4	21.4
4 21	15 53.51	−12 36.8	1.660	2.586	10.8	21.2
5 1	15 45.98	−11 19.7	1.625	2.602	6.9	21.0
5 11	15 37.15	−10 4.1	1.617	2.618	3.8	20.9
5 21	15 28.04	− 8 55.9	1.636	2.633	4.8	21.0
5 31	15 19.68	− 8 0.4	1.681	2.647	8.4	21.2
6 10	15 12.95	− 7 21.3	1.751	2.661	12.0	21.5
6 20	15 8.38	− 6 59.7	1.843	2.675	15.1	21.7

510379 2011 UG_{41} 5 16.1 192°.50 1°.7/14.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 54.46	−16 7.6	2.496	3.336	10.8	22.0
4 21	15 49.81	−15 22.8	2.414	3.335	8.1	21.8
5 1	15 43.58	−14 33.7	2.357	3.334	5.0	21.6
5 11	15 36.34	−13 42.9	2.328	3.333	2.2	21.4
5 21	15 28.78	−12 53.6	2.328	3.331	2.8	21.4
5 31	15 21.61	−12 9.4	2.357	3.330	5.8	21.6
6 10	15 15.50	−11 33.3	2.412	3.328	8.9	21.8
6 20	15 10.91	−11 7.2	2.490	3.325	11.5	22.0

276501 2003 QD_{58} 5 16.1 310°.29 9°.6/10.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 54.41	+ 1 21.4	1.629	2.482	15.0	19.8
4 21	15 50.62	+ 2 44.9	1.552	2.462	12.5	19.6
5 1	15 44.50	+ 4 0.4	1.496	2.442	10.4	19.4
5 11	15 36.76	+ 4 59.5	1.464	2.423	9.6	19.3
5 21	15 28.34	+ 5 35.5	1.455	2.404	10.8	19.3
5 31	15 20.33	+ 5 43.7	1.469	2.385	13.3	19.4
6 10	15 13.76	+ 5 23.5	1.503	2.367	16.3	19.5
6 20	15 9.34	+ 4 37.2	1.555	2.349	19.1	19.7

13678 Shimada 5 16.1 284°.52 4°.7/19.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 58.12	−34 15.6	2.027	2.827	14.5	17.1
4 21	15 53.41	−34 8.9	1.924	2.809	11.8	16.9
5 1	15 46.24	−33 44.2	1.843	2.790	8.7	16.7
5 11	15 37.36	−33 0.0	1.786	2.771	5.8	16.4
5 21	15 27.77	−31 57.0	1.756	2.751	4.7	16.3
5 31	15 18.65	−30 39.4	1.752	2.732	6.8	16.4
6 10	15 11.07	−29 13.9	1.775	2.713	10.1	16.6
6 20	15 5.77	−27 48.0	1.821	2.694	13.5	16.7

185019 2006 QP_{29} 5 16.1 236°.62 0°.2/16.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 56.96	−20 33.0	2.323	3.157	11.8	20.6
4 21	15 51.94	−20 24.8	2.233	3.149	8.9	20.4
5 1	15 45.05	−20 10.3	2.166	3.141	5.6	20.2
5 11	15 36.89	−19 50.6	2.126	3.132	2.0	20.0
5 21	15 28.24	−19 27.4	2.115	3.124	1.8	19.9
5 31	15 19.95	−19 3.4	2.132	3.115	5.5	20.2
6 10	15 12.83	−18 41.8	2.175	3.106	9.0	20.4
6 20	15 7.45	−18 25.3	2.242	3.096	12.0	20.5

136523 2006 DM_{195} 5 16.1 335°.91 1°.4/16.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 54.50	−20 37.4	1.311	2.179	17.0	18.1
4 21	15 51.61	−21 8.8	1.222	2.156	13.2	17.8
5 1	15 45.64	−21 34.6	1.154	2.134	8.5	17.4
5 11	15 37.29	−21 54.3	1.107	2.113	3.4	17.1
5 21	15 27.75	−22 7.8	1.085	2.094	2.9	17.0
5 31	15 18.57	−22 16.8	1.085	2.076	8.2	17.2
6 10	15 11.24	−22 25.1	1.108	2.060	13.4	17.5
6 20	15 6.83	−22 36.5	1.150	2.045	18.0	17.7

303902 2005 TJ_{142} 5 16.1 164°.97 0°.8/16.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 57.24	−21 33.5	2.443	3.272	11.4	21.2
4 21	15 52.04	−21 44.1	2.360	3.272	8.7	21.0
5 1	15 45.05	−21 49.1	2.301	3.273	5.5	20.8
5 11	15 36.88	−21 48.7	2.269	3.274	2.2	20.6
5 21	15 28.27	−21 43.8	2.266	3.275	1.8	20.6
5 31	15 20.04	−21 36.3	2.292	3.276	5.1	20.8
6 10	15 12.95	−21 28.7	2.344	3.276	8.3	21.0
6 20	15 7.54	−21 23.5	2.421	3.277	11.2	21.2

204654 2006 BJ_{161} 5 16.1 357°.54 4°.3/18.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 56.56	−28 38.8	1.124	1.984	19.9	19.8
4 21	15 53.47	−28 51.4	1.057	1.980	15.7	19.6
5 1	15 46.82	−28 44.6	1.007	1.978	10.9	19.3
5 11	15 37.65	−28 16.5	0.978	1.977	6.1	19.0
5 21	15 27.54	−27 29.1	0.971	1.977	4.7	18.9
5 31	15 18.31	−26 28.6	0.987	1.977	8.9	19.2
6 10	15 11.55	−25 24.8	1.023	1.979	13.9	19.4
6 20	15 8.15	−24 26.8	1.079	1.981	18.4	19.7

506976 2008 SU_{123} 5 16.1 277°.10 1°.1/16.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 58.33	−22 32.9	1.873	2.712	14.0	21.5
4 21	15 53.50	−22 35.6	1.783	2.700	10.7	21.3
5 1	15 46.28	−22 30.0	1.715	2.688	6.9	21.0
5 11	15 37.38	−22 16.2	1.672	2.677	2.8	20.7
5 21	15 27.77	−21 55.7	1.656	2.665	2.2	20.7
5 31	15 18.57	−21 31.4	1.667	2.653	6.5	20.9
6 10	15 10.85	−21 7.7	1.704	2.641	10.5	21.1
6 20	15 5.32	−20 48.3	1.763	2.629	14.2	21.3

468647 2008 UC_4 5 16.1 293°.95 7°.6/13.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 6.61	+ 1 22.0	1.920	2.740	14.4	20.7
4 21	15 59.92	+ 1 34.1	1.803	2.698	11.9	20.5
5 1	15 50.52	+ 1 34.9	1.708	2.654	9.3	20.2
5 11	15 38.96	+ 1 19.1	1.639	2.610	7.7	20.0
5 21	15 26.16	+ 0 42.7	1.598	2.565	8.4	19.9
5 31	15 13.33	− 0 16.0	1.584	2.519	11.2	20.0
6 10	15 1.70	− 1 36.1	1.596	2.473	14.8	20.1
6 20	14 52.24	− 3 14.5	1.630	2.426	18.3	20.2

114914 2003 QO_{34} 5 16.1 220°.61 3°.5/18.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 59.16	−29 15.0	1.962	2.780	14.2	20.0
4 21	15 54.05	−29 26.1	1.879	2.778	11.2	19.8
5 1	15 46.55	−29 24.1	1.817	2.777	7.8	19.6
5 11	15 37.45	−29 8.2	1.780	2.775	4.6	19.4
5 21	15 27.74	−28 39.1	1.770	2.773	3.7	19.3
5 31	15 18.56	−27 59.9	1.788	2.771	6.4	19.5
6 10	15 10.94	−27 15.9	1.831	2.768	9.9	19.7
6 20	15 5.56	−26 32.5	1.897	2.766	13.2	19.9

262062 2006 RK_{37} 5 16.1 237°.80 1°.2/15.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 0.50	−17 15.5	1.909	2.751	13.6	21.8
4 21	15 55.02	−16 58.2	1.816	2.737	10.4	21.5
5 1	15 47.18	−16 35.6	1.746	2.723	6.5	21.3
5 11	15 37.69	−16 9.5	1.702	2.708	2.4	21.0
5 21	15 27.48	−15 42.5	1.686	2.693	2.7	21.0
5 31	15 17.67	−15 18.0	1.698	2.677	7.0	21.2
6 10	15 9.28	−14 59.8	1.735	2.661	11.1	21.4
6 20	15 3.04	−14 50.6	1.794	2.644	14.7	21.6

43166 1999 XO_{156} 5 16.1 260°.12 2°.5/14.6 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 56.75	−13 41.4	2.026	2.874	12.7	19.0
4 21	15 51.97	−13 10.5	1.938	2.863	9.6	18.8
5 1	15 45.16	−12 36.8	1.874	2.851	6.1	18.5
5 11	15 36.96	−12 3.2	1.836	2.839	3.0	18.3
5 21	15 28.20	−11 33.1	1.825	2.827	3.7	18.3
5 31	15 19.83	−11 9.8	1.842	2.815	7.2	18.5
6 10	15 12.72	−10 56.4	1.884	2.802	10.8	18.7
6 20	15 7.52	−10 54.3	1.948	2.789	14.0	18.9

318594 2005 JG_4 5 16.1 329°.66 2°.8/15.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 56.86	−13 39.7	1.282	2.154	17.1	20.0
4 21	15 53.16	−13 31.5	1.204	2.141	13.0	19.7
5 1	15 46.44	−13 21.9	1.147	2.129	8.3	19.4
5 11	15 37.52	−13 13.9	1.112	2.117	3.6	19.1
5 21	15 27.64	−13 10.8	1.101	2.107	4.3	19.1
5 31	15 18.31	−13 16.0	1.114	2.097	9.3	19.4
6 10	15 10.90	−13 32.4	1.148	2.087	14.3	19.6
6 20	15 6.33	−14 1.1	1.202	2.079	18.7	19.8

26495 Eichorn 5 16.1 275°.04 3°.2/17.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 59.49	−28 4.5	1.666	2.496	15.8	18.8
4 21	15 54.81	−28 6.3	1.573	2.482	12.5	18.5
5 1	15 47.31	−27 53.4	1.501	2.466	8.6	18.2
5 11	15 37.79	−27 24.7	1.452	2.451	4.6	18.0
5 21	15 27.39	−26 41.3	1.430	2.436	3.6	17.9
5 31	15 17.47	−25 47.4	1.434	2.420	7.3	18.0
6 10	15 9.30	−24 49.9	1.462	2.404	11.6	18.2
6 20	15 3.74	−23 55.5	1.512	2.389	15.6	18.4

202094 2004 TM_{18} 5 16.1 252°.88 5°.3/13.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 58.50	− 5 8.1	2.101	2.942	12.6	20.2
4 21	15 53.22	− 4 33.5	2.011	2.925	9.9	20.0
5 1	15 45.93	− 4 2.6	1.945	2.909	7.1	19.8
5 11	15 37.24	− 3 39.6	1.905	2.891	5.3	19.6
5 21	15 27.95	− 3 27.9	1.893	2.874	6.1	19.7
5 31	15 19.01	− 3 30.2	1.907	2.855	8.8	19.8
6 10	15 11.26	− 3 47.6	1.947	2.837	11.9	19.9
6 20	15 5.34	− 4 19.7	2.007	2.818	14.8	20.1

126750 2002 DX_1 5 16.1 200°.25 1°.4/15.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 2.52	−14 9.2	2.235	3.067	12.3	20.1
4 21	15 56.13	−14 23.0	2.148	3.063	9.3	19.9
5 1	15 47.68	−14 36.2	2.085	3.060	5.8	19.7
5 11	15 37.83	−14 49.8	2.050	3.055	2.3	19.4
5 21	15 27.41	−15 4.4	2.044	3.050	2.6	19.5
5 31	15 17.36	−15 21.4	2.068	3.045	6.2	19.7
6 10	15 8.58	−15 42.0	2.119	3.039	9.7	19.9
6 20	15 1.69	−16 7.5	2.193	3.032	12.8	20.1

133691 2003 UG_{217} 5 16.1 71°.39 0°.8/15.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 57.80	−17 32.1	1.916	2.762	13.4	19.8
4 21	15 52.80	−17 24.5	1.841	2.765	10.1	19.6
5 1	15 45.67	−17 12.3	1.789	2.767	6.3	19.4
5 11	15 37.13	−16 57.3	1.763	2.770	2.2	19.1
5 21	15 28.10	−16 41.5	1.765	2.772	2.4	19.1
5 31	15 19.59	−16 27.9	1.793	2.775	6.5	19.4
6 10	15 12.51	−16 19.4	1.847	2.778	10.3	19.6
6 20	15 7.47	−16 18.1	1.923	2.781	13.6	19.8

145846 1999 CC_{13} 5 16.1 131°.02 2°.1/14.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 59.27	−15 26.6	2.015	2.857	13.0	20.2
4 21	15 53.63	−14 46.2	1.949	2.871	9.7	20.0
5 1	15 46.03	−14 1.8	1.907	2.883	6.1	19.8
5 11	15 37.21	−13 16.6	1.891	2.895	2.6	19.6
5 21	15 28.08	−12 34.1	1.904	2.907	3.3	19.6
5 31	15 19.56	−11 58.3	1.945	2.918	6.8	19.9
6 10	15 12.46	−11 32.1	2.011	2.928	10.3	20.1
6 20	15 7.31	−11 17.5	2.100	2.938	13.3	20.3

8455 Johnrayner 5 16.1 68°.39 1°.9/17.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 59.81	−26 5.8	1.647	2.483	15.7	18.2
4 21	15 54.50	−25 49.7	1.590	2.503	12.0	18.0
5 1	15 46.73	−25 20.2	1.553	2.524	7.8	17.8
5 11	15 37.46	−24 38.4	1.542	2.545	3.5	17.6
5 21	15 27.87	−23 47.6	1.557	2.565	2.6	17.6
5 31	15 19.14	−22 53.0	1.599	2.586	6.6	17.9
6 10	15 12.28	−22 0.7	1.666	2.606	10.5	18.2
6 20	15 7.83	−21 15.7	1.755	2.627	14.0	18.4

153145 2000 SQ_{239} 5 16.2 342°.87 6°.8/18.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 0.72	−30 59.3	1.426	2.257	18.0	19.2
4 21	15 56.40	−32 17.8	1.346	2.248	14.6	18.9
5 1	15 48.68	−33 23.8	1.287	2.241	11.0	18.7
5 11	15 38.38	−34 11.5	1.250	2.234	7.7	18.5
5 21	15 26.84	−34 37.2	1.236	2.228	7.0	18.4
5 31	15 15.80	−34 41.2	1.247	2.223	9.4	18.5
6 10	15 6.90	−34 28.7	1.280	2.219	13.2	18.7
6 20	15 1.20	−34 7.3	1.333	2.215	16.9	18.9

499287 2009 VC_{99} 5 16.2 130°.10 1°.9/15.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 59.16	−14 45.9	1.924	2.769	13.4	21.7
4 21	15 53.74	−14 30.9	1.853	2.776	10.1	21.5
5 1	15 46.21	−14 13.3	1.805	2.782	6.3	21.3
5 11	15 37.31	−13 55.5	1.783	2.788	2.6	21.1
5 21	15 27.98	−13 39.9	1.789	2.794	3.1	21.1
5 31	15 19.20	−13 29.4	1.823	2.800	6.9	21.4
6 10	15 11.88	−13 26.3	1.882	2.805	10.5	21.6
6 20	15 6.59	−13 32.2	1.963	2.811	13.7	21.8

53011 1998 VH_9 5 16.2 155°.90 0°.9/15.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 4.09	−16 51.4	1.578	2.424	15.8	18.8
4 21	15 57.96	−16 54.6	1.506	2.429	11.9	18.5
5 1	15 49.09	−16 53.8	1.456	2.434	7.4	18.3
5 11	15 38.36	−16 50.2	1.432	2.438	2.6	18.0
5 21	15 26.98	−16 45.4	1.434	2.442	2.8	18.0
5 31	15 16.30	−16 42.5	1.464	2.446	7.6	18.3
6 10	15 7.48	−16 44.4	1.518	2.449	12.0	18.6
6 20	15 1.29	−16 53.6	1.593	2.451	15.8	18.8

7483 Sekitakakazu 5 16.2 162°.47 0°.7/15.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 55.55	−17 33.1	2.566	3.402	10.7	18.0
4 21	15 50.62	−17 20.0	2.486	3.404	8.0	17.8
5 1	15 44.11	−17 3.0	2.430	3.406	5.0	17.6
5 11	15 36.57	−16 43.6	2.402	3.408	1.8	17.4
5 21	15 28.68	−16 23.8	2.403	3.410	2.0	17.4
5 31	15 21.17	−16 5.9	2.432	3.412	5.2	17.6
6 10	15 14.71	−15 52.2	2.488	3.413	8.2	17.8
6 20	15 9.77	−15 44.5	2.569	3.414	10.9	18.0

21786 1999 SB_4 5 16.2 295°.09 2°.9/17.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 57.07	−27 46.6	2.236	3.055	12.7	18.7
4 21	15 52.31	−28 4.5	2.141	3.042	10.0	18.5
5 1	15 45.44	−28 12.5	2.069	3.030	6.9	18.3
5 11	15 37.10	−28 9.7	2.022	3.018	3.9	18.1
5 21	15 28.13	−27 56.2	2.003	3.006	3.2	18.0
5 31	15 19.50	−27 34.2	2.011	2.994	5.8	18.2
6 10	15 12.14	−27 7.5	2.046	2.982	9.1	18.3
6 20	15 6.69	−26 40.2	2.104	2.970	12.2	18.5

185096 2006 ST_5 5 16.2 177°.85 2°.5/18.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 58.72	−29 14.4	3.233	4.025	9.8	22.1
4 21	15 52.82	−29 29.5	3.143	4.027	7.7	22.0
5 1	15 45.41	−29 36.2	3.077	4.029	5.4	21.8
5 11	15 37.02	−29 34.0	3.039	4.030	3.2	21.7
5 21	15 28.26	−29 23.3	3.031	4.030	2.7	21.6
5 31	15 19.81	−29 5.5	3.053	4.030	4.4	21.7
6 10	15 12.30	−28 43.1	3.103	4.029	6.7	21.9
6 20	15 6.21	−28 19.2	3.179	4.028	9.0	22.0

496876 2000 SV_{43} 5 16.2 183°.25 10°.2/24.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 14.89	−56 13.6	2.915	3.538	14.0	22.4
4 21	16 6.39	−57 19.0	2.828	3.538	12.9	22.3
5 1	15 54.56	−58 4.2	2.759	3.538	11.7	22.2
5 11	15 40.33	−58 23.4	2.712	3.538	10.8	22.1
5 21	15 25.11	−58 13.5	2.686	3.536	10.2	22.0
5 31	15 10.56	−57 34.8	2.685	3.534	10.3	22.0
6 10	14 58.19	−56 32.0	2.707	3.531	11.0	22.1
6 20	14 48.92	−55 12.4	2.751	3.527	12.1	22.2

308595 2005 VQ_{47} 5 16.2 202°.36 0°.3/16.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 56.24	−18 37.6	2.554	3.387	10.9	21.1
4 21	15 51.20	−18 36.2	2.469	3.385	8.2	20.9
5 1	15 44.51	−18 30.7	2.408	3.384	5.1	20.7
5 11	15 36.73	−18 22.2	2.375	3.382	1.7	20.4
5 21	15 28.54	−18 11.9	2.371	3.380	1.7	20.4
5 31	15 20.70	−18 1.9	2.396	3.377	5.1	20.7
6 10	15 13.92	−17 54.5	2.447	3.375	8.2	20.9
6 20	15 8.69	−17 51.5	2.523	3.373	11.0	21.0

115772 2003 UY_{208} 5 16.2 46°.11 0°.9/16.6 18

4 11	15 58.98	−23 10.9	1.226	2.087	18.4	19.3
4 21	15 54.53	−22 51.8	1.175	2.104	14.0	19.1
5 1	15 47.03	−22 19.2	1.143	2.122	8.8	18.8
5 11	15 37.63	−21 35.4	1.134	2.140	3.3	18.6
5 21	15 27.79	−20 44.8	1.149	2.159	2.6	18.6
5 31	15 19.02	−19 54.1	1.189	2.178	7.9	18.9
6 10	15 12.52	−19 10.1	1.251	2.197	12.7	19.2
6 20	15 8.93	−18 37.4	1.333	2.217	16.7	19.5

109328 2001 QE_{141} 5 16.2 140°.66 3°.1/18.4 17

4 11	16 0.52	−30 54.5	2.040	2.848	14.1	19.8
4 21	15 54.80	−30 29.8	1.962	2.856	11.1	19.6
5 1	15 46.87	−29 49.2	1.907	2.865	7.7	19.4
5 11	15 37.54	−28 52.8	1.878	2.873	4.3	19.2
5 21	15 27.84	−27 43.4	1.877	2.880	3.3	19.2
5 31	15 18.84	−26 26.2	1.903	2.887	6.0	19.4
6 10	15 11.45	−25 7.7	1.957	2.894	9.4	19.6
6 20	15 6.25	−23 54.0	2.034	2.900	12.6	19.8

271814 2004 TW_{119} 5 16.2 241°.25 1°.0/16.8 18

4 11	15 58.03	−24 34.2	2.048	2.878	13.3	21.0
4 21	15 53.04	−24 4.7	1.955	2.867	10.2	20.8
5 1	15 45.88	−23 23.5	1.885	2.857	6.6	20.6
5 11	15 37.25	−22 31.7	1.841	2.845	2.7	20.3
5 21	15 28.06	−21 32.2	1.825	2.834	2.0	20.2
5 31	15 19.33	−20 29.6	1.837	2.822	6.1	20.4
6 10	15 11.99	−19 29.4	1.876	2.810	9.9	20.7
6 20	15 6.69	−18 36.5	1.937	2.797	13.3	20.8

216884 2008 SR_{5} 5 16.2 313°.62 0°.8/15.8 18

4 11	15 57.03	−17 24.4	1.488	2.349	15.8	19.9
4 21	15 53.20	−17 26.2	1.391	2.322	12.1	19.6
5 1	15 46.51	−17 23.5	1.314	2.295	7.7	19.2
5 11	15 37.62	−17 17.4	1.262	2.269	2.7	18.9
5 21	15 27.61	−17 10.1	1.234	2.243	2.9	18.8
5 31	15 17.87	−17 4.7	1.232	2.218	8.2	19.1
6 10	15 9.76	−17 4.9	1.252	2.193	13.2	19.3
6 20	15 4.27	−17 14.0	1.292	2.169	17.7	19.5

416464 2003 WX_{64} 5 16.2 198°.32 0°.7/15.8 17

4 11	16 1.50	−18 14.9	2.090	2.923	12.9	22.1
4 21	15 55.50	−17 59.7	2.003	2.920	9.8	21.9
5 1	15 47.35	−17 39.1	1.940	2.916	6.1	21.6
5 11	15 37.75	−17 14.3	1.904	2.911	2.1	21.4
5 21	15 27.60	−16 47.7	1.897	2.905	2.3	21.4
5 31	15 17.90	−16 22.6	1.918	2.898	6.3	21.6
6 10	15 9.58	−16 2.2	1.966	2.890	10.1	21.8
6 20	15 3.27	−15 49.4	2.037	2.882	13.4	22.0

165436 2000 YD_{79} 5 16.2 124°.73 0°.6/15.8 18

4 11	16 2.13	−19 12.5	1.777	2.617	14.6	20.7
4 21	15 56.07	−18 51.2	1.712	2.632	10.9	20.5
5 1	15 47.68	−18 22.9	1.670	2.647	6.8	20.2
5 11	15 37.83	−17 49.6	1.654	2.661	2.3	20.0
5 21	15 27.59	−17 14.4	1.666	2.674	2.4	20.0
5 31	15 18.10	−16 41.4	1.706	2.687	6.8	20.3
6 10	15 10.31	−16 14.6	1.771	2.700	10.7	20.6
6 20	15 4.81	−15 56.9	1.858	2.711	14.1	20.8

521340 2015 LU_{44} 5 16.2 178°.76 0°.4/16.4 17

4 11	15 55.54	−22 55.3	2.237	3.071	12.2	21.0
4 21	15 50.88	−22 20.6	2.155	3.071	9.2	20.8
5 1	15 44.37	−21 36.6	2.097	3.071	5.8	20.6
5 11	15 36.69	−20 45.0	2.066	3.071	2.1	20.4
5 21	15 28.63	−19 48.9	2.062	3.071	1.8	20.3
5 31	15 21.05	−18 52.5	2.087	3.071	5.5	20.6
6 10	15 14.72	−18 0.1	2.139	3.071	9.0	20.8
6 20	15 10.16	−17 15.5	2.214	3.071	12.0	21.0

475253 2005 WN_{48} 5 16.2 234°.32 1°.6/15.1 18

4 11	15 56.33	−13 43.7	2.853	3.686	9.9	22.1
4 21	15 51.14	−13 37.2	2.757	3.674	7.4	21.9
5 1	15 44.43	−13 29.6	2.688	3.662	4.7	21.7
5 11	15 36.72	−13 22.4	2.646	3.650	2.0	21.5
5 21	15 28.59	−13 17.0	2.634	3.637	2.5	21.5
5 31	15 20.71	−13 15.1	2.651	3.624	5.3	21.6
6 10	15 13.73	−13 18.3	2.696	3.611	8.1	21.8
6 20	15 8.11	−13 27.5	2.765	3.597	10.6	22.0

177101 2003 FW_{101} 5 16.2 45°.66 3°.7/18.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 58.17	−29 24.7	1.976	2.794	14.1	19.9
4 21	15 53.18	−29 46.5	1.907	2.807	11.1	19.7
5 1	15 45.95	−29 55.8	1.861	2.819	7.8	19.6
5 11	15 37.26	−29 51.5	1.839	2.832	4.7	19.4
5 21	15 28.11	−29 34.5	1.845	2.845	3.8	19.4
5 31	15 19.57	−29 7.4	1.877	2.859	6.3	19.5
6 10	15 12.59	−28 35.0	1.934	2.872	9.5	19.7
6 20	15 7.78	−28 2.0	2.015	2.886	12.5	20.0

128425 2004 MT_{5} 5 16.2 244°.85 3°.1/14.0 18

4 11	15 55.22	− 9 41.9	2.655	3.494	10.3	20.6
4 21	15 50.38	− 9 16.5	2.564	3.482	7.9	20.4
5 1	15 43.98	− 8 51.7	2.498	3.469	5.2	20.2
5 11	15 36.57	− 8 30.0	2.460	3.457	3.2	20.1
5 21	15 28.74	− 8 13.7	2.450	3.444	3.8	20.1
5 31	15 21.20	− 8 5.0	2.469	3.430	6.4	20.2
6 10	15 14.59	− 8 5.6	2.514	3.417	9.1	20.4
6 20	15 9.40	− 8 15.9	2.583	3.403	11.6	20.5

83012 2001 QQ_{167} 5 16.2 186°.01 1°.7/15.5 18

4 11	16 2.44	−15 59.2	1.543	2.394	15.8	20.4
4 21	15 56.81	−15 46.5	1.469	2.395	12.0	20.2
5 1	15 48.43	−15 29.6	1.416	2.394	7.5	19.9
5 11	15 38.18	−15 10.7	1.388	2.394	2.9	19.6
5 21	15 27.23	−14 52.6	1.386	2.393	3.3	19.6
5 31	15 16.93	−14 39.1	1.410	2.391	8.1	19.9
6 10	15 8.47	−14 33.7	1.459	2.389	12.5	20.2
6 20	15 2.60	−14 38.5	1.529	2.387	16.4	20.4

480612 2015 ML_{107} 5 16.2 254°.19 2°.6/18.1 17

4 11	15 55.81	−29 1.7	2.488	3.299	11.8	21.2
4 21	15 51.06	−28 57.7	2.398	3.295	9.3	21.0
5 1	15 44.51	−28 42.5	2.332	3.291	6.4	20.8
5 11	15 36.76	−28 16.1	2.292	3.288	3.6	20.6
5 21	15 28.58	−27 39.9	2.281	3.284	2.8	20.6
5 31	15 20.82	−26 56.6	2.297	3.280	5.2	20.7
6 10	15 14.22	−26 10.3	2.340	3.276	8.2	20.9
6 20	15 9.34	−25 25.3	2.408	3.272	10.9	21.1

17904 Annekoupal 5 16.2 134°.56 2°.9/14.7 18

4 11	16 0.55	−14 40.5	1.577	2.431	15.4	18.5
4 21	15 55.14	−13 56.9	1.511	2.439	11.6	18.2
5 1	15 47.23	−13 8.9	1.468	2.446	7.3	18.0
5 11	15 37.72	−12 20.7	1.449	2.453	3.4	17.8
5 21	15 27.73	−11 37.0	1.458	2.460	4.2	17.9
5 31	15 18.48	−11 2.6	1.492	2.466	8.4	18.1
6 10	15 11.00	−10 41.2	1.550	2.472	12.5	18.4
6 20	15 5.94	−10 34.4	1.630	2.478	16.0	18.6

304534 2006 UA_{271} 5 16.2 172°.39 0°.5/16.5 17

4 11	15 58.15	−20 26.5	2.440	3.268	11.4	21.2
4 21	15 52.74	−20 38.3	2.356	3.270	8.7	21.0
5 1	15 45.53	−20 45.3	2.298	3.271	5.5	20.8
5 11	15 37.12	−20 47.7	2.266	3.271	2.0	20.6
5 21	15 28.25	−20 46.4	2.263	3.272	1.7	20.6
5 31	15 19.77	−20 43.1	2.289	3.273	5.2	20.8
6 10	15 12.43	−20 40.2	2.342	3.273	8.4	21.0
6 20	15 6.79	−20 39.8	2.420	3.273	11.3	21.2

417084 2005 UZ_{267} 5 16.2 95°.38 0°.8/15.8 18

4 11	16 3.19	−16 5.9	1.915	2.752	13.8	21.0
4 21	15 56.68	−16 19.4	1.854	2.773	10.3	20.8
5 1	15 47.99	−16 30.3	1.818	2.794	6.4	20.6
5 11	15 37.94	−16 39.5	1.808	2.814	2.2	20.4
5 21	15 27.53	−16 47.9	1.826	2.834	2.4	20.4
5 31	15 17.81	−16 57.2	1.873	2.853	6.4	20.7
6 10	15 9.69	−17 9.5	1.945	2.872	10.1	21.0
6 20	15 3.73	−17 26.3	2.041	2.891	13.2	21.2

391052 2005 TE_{167} 5 16.2 339°.47 1°.2/15.2 18

4 11	15 53.98	−18 1.4	2.221	3.066	11.9	20.7
4 21	15 49.69	−17 19.1	2.141	3.064	8.9	20.5
5 1	15 43.64	−16 30.6	2.084	3.062	5.5	20.3
5 11	15 36.46	−15 38.8	2.055	3.061	2.0	20.0
5 21	15 28.89	−14 47.1	2.054	3.060	2.5	20.1
5 31	15 21.77	−13 59.5	2.080	3.058	6.0	20.3
6 10	15 15.83	−13 19.7	2.133	3.057	9.4	20.5
6 20	15 11.57	−12 50.2	2.208	3.056	12.4	20.7

501168 2013 TL_{84} 5 16.2 210°.05 0°.3/16.4 17

4 11	15 59.44	−21 54.7	2.392	3.216	11.8	23.3
4 21	15 53.77	−21 35.5	2.298	3.209	9.0	23.1
5 1	15 46.21	−21 8.4	2.228	3.201	5.7	22.9
5 11	15 37.37	−20 34.5	2.186	3.192	2.1	22.7
5 21	15 28.05	−19 55.9	2.173	3.182	1.8	22.6
5 31	15 19.11	−19 15.9	2.189	3.172	5.5	22.9
6 10	15 11.37	−18 38.2	2.233	3.160	8.9	23.0
6 20	15 5.40	−18 6.2	2.300	3.149	11.9	23.2

368942 2006 WR_{133} 5 16.2 141°.59 2°.8/17.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 2.67	−26 57.2	1.886	2.707	14.6	22.0
4 21	15 56.66	−27 12.8	1.812	2.715	11.4	21.8
5 1	15 48.19	−27 16.9	1.759	2.723	7.7	21.6
5 11	15 38.08	−27 8.6	1.733	2.731	4.1	21.3
5 21	15 27.41	−26 48.6	1.733	2.738	3.2	21.3
5 31	15 17.38	−26 20.0	1.761	2.744	6.4	21.5
6 10	15 9.04	−25 47.8	1.815	2.751	10.1	21.7
6 20	15 3.06	−25 16.9	1.892	2.756	13.4	22.0

208552 2002 AX_{126} 5 16.2 18°.59 3°.3/14.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 57.37	−14 23.1	1.200	2.075	17.8	20.2
4 21	15 53.45	−13 46.4	1.139	2.077	13.4	19.9
5 1	15 46.50	−13 5.6	1.098	2.081	8.5	19.7
5 11	15 37.55	−12 25.4	1.080	2.085	4.0	19.4
5 21	15 27.92	−11 51.2	1.085	2.089	4.9	19.5
5 31	15 19.15	−11 28.5	1.114	2.094	9.7	19.8
6 10	15 12.48	−11 20.9	1.164	2.100	14.5	20.1
6 20	15 8.68	−11 29.7	1.233	2.106	18.6	20.3

417829 2007 FS_{48} 5 16.2 127°.49 1°.4/17.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 50.07	−27 0.3	4.579	5.382	6.9	21.6
4 21	15 46.02	−27 5.4	4.492	5.386	5.4	21.5
5 1	15 41.06	−27 5.3	4.430	5.389	3.6	21.3
5 11	15 35.53	−27 0.1	4.397	5.393	2.0	21.2
5 21	15 29.80	−26 50.6	4.393	5.396	1.6	21.2
5 31	15 24.26	−26 37.7	4.418	5.399	3.0	21.3
6 10	15 19.29	−26 23.0	4.473	5.403	4.7	21.4
6 20	15 15.18	−26 7.9	4.553	5.406	6.4	21.5

430956 2005 UB_{517} 5 16.2 126°.68 5°.1/12.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 57.49	− 8 18.1	1.935	2.784	13.2	22.0
4 21	15 52.34	− 7 1.4	1.874	2.795	10.1	21.8
5 1	15 45.27	− 5 45.6	1.837	2.805	7.0	21.7
5 11	15 37.01	− 4 36.1	1.826	2.815	5.2	21.6
5 21	15 28.45	− 3 38.2	1.843	2.825	6.2	21.7
5 31	15 20.50	− 2 56.2	1.887	2.834	8.9	21.8
6 10	15 13.93	− 2 32.3	1.955	2.843	12.0	22.0
6 20	15 9.27	− 2 26.4	2.043	2.852	14.7	22.2

262149 2006 SB_{75} 5 16.2 213°.29 0°.5/15.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 0.67	−18 50.4	2.009	2.846	13.3	21.7
4 21	15 55.02	−18 35.4	1.921	2.839	10.0	21.4
5 1	15 47.14	−18 14.3	1.855	2.831	6.3	21.2
5 11	15 37.73	−17 48.4	1.817	2.823	2.2	20.9
5 21	15 27.73	−17 20.1	1.806	2.814	2.3	20.9
5 31	15 18.16	−16 52.8	1.824	2.805	6.5	21.1
6 10	15 9.99	−16 30.1	1.867	2.795	10.4	21.4
6 20	15 3.89	−16 15.1	1.934	2.784	13.8	21.5

10762 von Laue 5 16.2 216°.13 0°.1/16.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 55.94	−20 17.5	2.473	3.306	11.2	18.7
4 21	15 51.06	−19 59.3	2.386	3.302	8.4	18.5
5 1	15 44.48	−19 35.0	2.322	3.297	5.3	18.3
5 11	15 36.77	−19 5.9	2.286	3.292	1.8	18.0
5 21	15 28.65	−18 34.1	2.278	3.287	1.8	18.0
5 31	15 20.91	−18 2.5	2.299	3.282	5.2	18.2
6 10	15 14.26	−17 34.1	2.347	3.276	8.5	18.4
6 20	15 9.21	−17 11.7	2.419	3.270	11.3	18.6

259071 2002 UC_{64} 5 16.2 30°.50 0°.3/16.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 57.88	−21 5.3	1.311	2.173	17.4	20.4
4 21	15 53.71	−20 53.9	1.249	2.180	13.2	20.1
5 1	15 46.61	−20 32.3	1.208	2.188	8.3	19.9
5 11	15 37.58	−20 2.2	1.189	2.196	2.9	19.6
5 21	15 27.94	−19 27.3	1.195	2.204	2.6	19.6
5 31	15 19.16	−18 52.7	1.225	2.214	7.9	19.9
6 10	15 12.44	−18 24.1	1.279	2.224	12.6	20.2
6 20	15 8.51	−18 5.3	1.352	2.234	16.7	20.5

501896 2014 WE_{429} 5 16.2 39°.32 2°.9/14.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 58.97	−11 41.6	1.783	2.634	14.0	20.3
4 21	15 53.81	−11 36.0	1.712	2.637	10.6	20.0
5 1	15 46.38	−11 31.0	1.663	2.640	6.8	19.8
5 11	15 37.47	−11 29.2	1.640	2.642	3.4	19.6
5 21	15 28.03	−11 32.6	1.643	2.645	3.9	19.7
5 31	15 19.14	−11 43.4	1.674	2.648	7.6	19.9
6 10	15 11.75	−12 2.8	1.729	2.652	11.4	20.1
6 20	15 6.52	−12 31.4	1.806	2.655	14.7	20.3

197604 2004 JS_{14} 5 16.2 302°.72 3°.2/15.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 58.69	−13 36.2	1.208	2.081	17.9	19.7
4 21	15 54.96	−13 19.3	1.121	2.058	13.7	19.4
5 1	15 47.88	−12 59.8	1.054	2.036	8.9	19.1
5 11	15 38.21	−12 41.2	1.008	2.013	4.1	18.7
5 21	15 27.22	−12 27.8	0.986	1.991	4.9	18.7
5 31	15 16.61	−12 24.3	0.987	1.969	10.3	18.9
6 10	15 7.98	−12 34.5	1.009	1.948	15.8	19.1
6 20	15 2.47	−13 0.3	1.048	1.927	20.7	19.3

433992 2000 HD_{74} 5 16.2 349°.69 2°.1/15.7 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 59.72	+15 48.0	0.743	1.518	34.8	19.7
4 21	16 54.21	+11 56.6	0.585	1.451	32.2	19.0
5 1	16 38.19	+ 4 31.8	0.441	1.387	25.6	18.1
5 11	16 3.28	− 9 56.6	0.327	1.329	11.1	16.9
5 21	14 52.57	−33 18.5	0.277	1.277	14.6	16.6
5 31	12 53.91	−52 42.1	0.315	1.235	40.0	17.5
6 10	10 55.41	−58 46.2	0.409	1.202	53.8	18.4
6 20	9 42.28	−59 8.0	0.521	1.180	59.1	19.1

351611 2005 VG_{133} 5 16.2 159°.76 3°.9/13.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 54.96	− 7 19.7	2.484	3.326	10.9	21.2
4 21	15 50.19	− 6 49.7	2.410	3.327	8.3	21.0
5 1	15 43.86	− 6 22.2	2.361	3.328	5.7	20.8
5 11	15 36.56	− 5 59.9	2.339	3.330	4.0	20.7
5 21	15 28.92	− 5 45.7	2.344	3.331	4.6	20.8
5 31	15 21.66	− 5 41.4	2.378	3.332	7.0	20.9
6 10	15 15.43	− 5 48.1	2.437	3.333	9.6	21.1
6 20	15 10.70	− 6 6.0	2.519	3.334	12.0	21.2

401038 2011 SH_{208} 5 16.2 107°.46 4°.9/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 54.28	− 6 8.3	2.440	3.283	11.0	21.3
4 21	15 49.60	− 4 53.0	2.380	3.295	8.5	21.2
5 1	15 43.43	− 3 40.1	2.346	3.308	6.2	21.0
5 11	15 36.39	− 2 34.0	2.339	3.320	4.9	21.0
5 21	15 29.11	− 1 38.9	2.360	3.332	5.8	21.0
5 31	15 22.30	− 0 58.1	2.408	3.343	7.9	21.2
6 10	15 16.55	− 0 33.1	2.482	3.355	10.3	21.4
6 20	15 12.28	− 0 23.9	2.577	3.366	12.5	21.5

133954 2004 TC_{124} 5 16.2 135°.69 4°.4/13.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 57.70	− 7 22.7	2.318	3.157	11.6	20.8
4 21	15 52.21	− 6 30.0	2.255	3.171	8.9	20.7
5 1	15 45.08	− 5 39.2	2.218	3.184	6.2	20.5
5 11	15 36.97	− 4 54.4	2.208	3.196	4.5	20.4
5 21	15 28.59	− 4 19.1	2.226	3.208	5.2	20.5
5 31	15 20.72	− 3 56.0	2.272	3.219	7.6	20.7
6 10	15 14.04	− 3 46.6	2.343	3.230	10.3	20.9
6 20	15 9.01	− 3 50.8	2.436	3.240	12.7	21.0

277707 2006 DG_{14} 5 16.2 57°.95 5°.7/13.4 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 57.49	− 6 19.1	1.662	2.518	14.6	19.9
4 21	15 52.59	− 5 33.5	1.610	2.534	11.3	19.8
5 1	15 45.52	− 4 52.5	1.581	2.550	7.9	19.6
5 11	15 37.15	− 4 21.1	1.576	2.566	5.8	19.5
5 21	15 28.45	− 4 3.4	1.597	2.582	6.6	19.6
5 31	15 20.47	− 4 1.8	1.644	2.598	9.5	19.8
6 10	15 14.08	− 4 16.9	1.713	2.615	12.7	20.0
6 20	15 9.81	− 4 47.4	1.803	2.631	15.5	20.2

335755 2007 EO_{76} 5 16.2 12°.06 8°.2/10.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 51.30	− 7 31.1	1.230	2.113	16.9	19.6
4 21	15 48.63	− 5 24.8	1.179	2.116	13.1	19.4
5 1	15 43.36	− 3 19.2	1.149	2.121	9.7	19.2
5 11	15 36.46	− 1 25.7	1.142	2.127	8.2	19.1
5 21	15 29.10	+ 0 5.4	1.159	2.135	9.8	19.2
5 31	15 22.53	+ 1 6.6	1.198	2.143	13.1	19.4
6 10	15 17.79	+ 1 35.6	1.256	2.153	16.6	19.7
6 20	15 15.47	+ 1 34.4	1.332	2.164	19.8	19.9

43010 1999 UE_{41} 5 16.2 347°.33 3°.8/14.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 59.27	− 9 9.6	1.657	2.512	14.8	17.9
4 21	15 54.25	− 9 11.4	1.583	2.508	11.3	17.7
5 1	15 46.80	− 9 16.9	1.530	2.505	7.4	17.5
5 11	15 37.68	− 9 28.9	1.503	2.503	4.2	17.3
5 21	15 27.91	− 9 49.1	1.501	2.500	4.8	17.3
5 31	15 18.67	−10 19.0	1.526	2.499	8.4	17.5
6 10	15 11.01	−10 58.9	1.575	2.497	12.3	17.7
6 20	15 5.63	−11 48.4	1.645	2.496	15.8	17.9

257696 1999 WV_{19} 5 16.2 210°.75 0°.9/16.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 58.46	−21 19.5	2.685	3.507	10.7	21.1
4 21	15 52.91	−21 39.6	2.595	3.503	8.2	21.0
5 1	15 45.65	−21 55.1	2.529	3.500	5.2	20.8
5 11	15 37.22	−22 5.9	2.492	3.496	2.1	20.5
5 21	15 28.33	−22 12.4	2.483	3.492	1.7	20.5
5 31	15 19.74	−22 15.7	2.504	3.487	4.8	20.7
6 10	15 12.17	−22 18.0	2.553	3.483	7.9	20.9
6 20	15 6.17	−22 21.2	2.627	3.478	10.5	21.1

214474 2005 TB_{14} 5 16.2 211°.46 1°.9/14.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 55.46	−13 28.5	2.690	3.527	10.3	21.0
4 21	15 50.53	−13 7.0	2.603	3.522	7.7	20.9
5 1	15 44.10	−12 43.9	2.542	3.517	4.9	20.7
5 11	15 36.67	−12 21.3	2.509	3.511	2.3	20.5
5 21	15 28.87	−12 1.3	2.504	3.506	2.8	20.5
5 31	15 21.39	−11 46.1	2.528	3.499	5.6	20.7
6 10	15 14.87	−11 37.7	2.579	3.493	8.5	20.9
6 20	15 9.78	−11 37.2	2.655	3.486	11.0	21.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
74992 1999 TT_{269}			5 16.2 312.°58		0.°4/16.4 17	
	h m	° ′			°	m
4 11	15 56.66	−23 4.0	1.381	2.239	16.9	19.1
4 21	15 52.94	−22 29.5	1.299	2.228	13.0	18.8
5 1	15 46.28	−21 40.1	1.238	2.217	8.3	18.5
5 11	15 37.56	−20 38.0	1.200	2.206	3.0	18.1
5 21	15 28.02	−19 27.8	1.187	2.196	2.6	18.1
5 31	15 19.11	−18 16.8	1.198	2.187	8.0	18.4
6 10	15 12.12	−17 13.0	1.233	2.177	13.1	18.6
6 20	15 7.89	−16 22.4	1.288	2.169	17.4	18.8
146762 2001 XW_{184}			5 16.2 148.°60		2.°9/18.4 18	
4 11	15 56.98	−30 9.0	2.465	3.271	12.0	20.2
4 21	15 51.94	−30 3.5	2.382	3.274	9.5	20.0
5 1	15 45.07	−29 46.0	2.321	3.277	6.6	19.8
5 11	15 37.02	−29 16.4	2.287	3.280	3.9	19.6
5 21	15 28.58	−28 36.2	2.281	3.283	3.1	19.6
5 31	15 20.61	−27 48.3	2.304	3.286	5.3	19.7
6 10	15 13.88	−26 57.2	2.353	3.288	8.1	19.9
6 20	15 8.91	−26 7.2	2.427	3.290	10.9	20.1
174557 2003 FR_{98}			5 16.2 23.°47		0.°2/16.3 18	
4 11	15 56.41	−19 45.8	1.802	2.651	14.0	19.6
4 21	15 51.93	−19 51.5	1.734	2.658	10.6	19.4
5 1	15 45.24	−19 51.3	1.689	2.666	6.6	19.2
5 11	15 37.11	−19 46.2	1.668	2.674	2.3	18.9
5 21	15 28.50	−19 37.8	1.674	2.683	2.1	18.9
5 31	15 20.46	−19 28.7	1.707	2.693	6.3	19.2
6 10	15 13.94	−19 22.1	1.764	2.703	10.2	19.4
6 20	15 9.53	−19 20.7	1.844	2.713	13.5	19.7
479797 2014 FF_{8}			5 16.2 11.°49		4.°3/13.4 17	
4 11	15 53.84	− 9 37.3	1.979	2.834	12.7	20.8
4 21	15 49.72	− 8 44.2	1.909	2.835	9.6	20.6
5 1	15 43.74	− 7 51.3	1.864	2.837	6.5	20.4
5 11	15 36.57	− 7 3.0	1.844	2.839	4.4	20.3
5 21	15 29.02	− 6 23.5	1.851	2.841	5.2	20.3
5 31	15 21.95	− 5 56.5	1.884	2.843	8.1	20.5
6 10	15 16.14	− 5 44.1	1.941	2.846	11.2	20.7
6 20	15 12.13	− 5 46.6	2.020	2.849	14.1	20.9
512530 2016 RN_{43}			5 16.2 188.°89		8.°2/22.3 18	
4 11	16 6.56	−49 5.5	3.072	3.752	12.4	22.0
4 21	15 59.58	−50 9.2	2.982	3.751	11.1	21.9
5 1	15 50.12	−50 56.8	2.913	3.750	9.7	21.8
5 11	15 38.87	−51 24.1	2.867	3.748	8.7	21.7
5 21	15 26.81	−51 29.0	2.847	3.746	8.2	21.7
5 31	15 15.10	−51 11.7	2.851	3.743	8.5	21.7
6 10	15 4.85	−50 35.8	2.881	3.740	9.4	21.8
6 20	14 56.83	−49 46.5	2.933	3.737	10.8	21.9
165376 2000 WD_{120}			5 16.2 162.°86		1.°2/16.9 17	
4 11	16 2.55	−23 50.2	1.913	2.740	14.2	21.3
4 21	15 56.48	−23 42.1	1.836	2.746	10.9	21.1
5 1	15 48.06	−23 23.7	1.781	2.752	7.0	20.9
5 11	15 38.10	−22 55.7	1.753	2.756	2.9	20.6
5 21	15 27.62	−22 20.2	1.752	2.760	2.2	20.6
5 31	15 17.76	−21 40.8	1.779	2.764	6.3	20.8
6 10	15 9.52	−21 2.6	1.833	2.766	10.2	21.1
6 20	15 3.54	−20 29.9	1.910	2.768	13.6	21.3
206798 2004 DV_{39}			5 16.2 344.°00		3.°5/14.4 17	
4 11	15 51.55	−13 22.5	1.442	2.317	15.4	19.1
4 21	15 48.83	−12 43.0	1.364	2.302	11.7	18.8
5 1	15 43.60	−11 59.8	1.306	2.288	7.5	18.5
5 11	15 36.63	−11 17.5	1.273	2.276	3.9	18.3
5 21	15 28.94	−10 41.4	1.263	2.265	4.9	18.3
5 31	15 21.75	−10 16.4	1.277	2.255	9.1	18.5
6 10	15 16.17	−10 6.3	1.314	2.246	13.4	18.7
6 20	15 12.94	−10 12.5	1.370	2.239	17.2	18.9
293731 2007 RJ_{27}			5 16.2 319.°41		1.°8/16.9 17	
4 11	15 55.54	−24 13.0	1.155	2.023	18.8	20.7
4 21	15 52.81	−24 7.7	1.071	2.004	14.7	20.4
5 1	15 46.63	−23 46.8	1.006	1.985	9.6	20.0
5 11	15 37.82	−23 10.3	0.961	1.967	4.1	19.7
5 21	15 27.78	−22 20.7	0.940	1.949	3.1	19.5
5 31	15 18.28	−21 24.5	0.941	1.932	8.9	19.8
6 10	15 10.97	−20 30.5	0.962	1.917	14.6	20.1
6 20	15 6.95	−19 46.4	1.002	1.902	19.7	20.3
11042 Ernstweber			5 16.2 135.°34		3.°9/14.5 18	
4 11	16 1.10	−10 47.6	1.590	2.444	15.3	18.7
4 21	15 55.60	−10 22.1	1.524	2.449	11.6	18.5
5 1	15 47.60	− 9 57.2	1.479	2.454	7.6	18.2
5 11	15 37.96	− 9 36.6	1.459	2.459	4.2	18.1
5 21	15 27.78	− 9 23.8	1.465	2.464	5.0	18.1
5 31	15 18.28	− 9 22.0	1.498	2.468	8.8	18.3
6 10	15 10.50	− 9 32.8	1.554	2.472	12.7	18.6
6 20	15 5.12	− 9 56.4	1.631	2.476	16.2	18.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
93769 2000 WO_{23}			5 16.2 144.°81		3.°6/13.9 17	
	h m	° ′			°	m
4 11	15 57.59	−10 49.4	2.023	2.870	12.8	20.0
4 21	15 52.47	−10 6.7	1.953	2.875	9.7	19.8
5 1	15 45.43	− 9 23.5	1.907	2.881	6.4	19.6
5 11	15 37.17	− 8 43.8	1.888	2.886	3.8	19.4
5 21	15 28.53	− 8 11.0	1.896	2.890	4.6	19.5
5 31	15 20.41	− 7 48.6	1.931	2.895	7.6	19.7
6 10	15 13.62	− 7 38.7	1.992	2.899	10.9	19.9
6 20	15 8.69	− 7 41.8	2.074	2.903	13.8	20.1
127029 2002 GB_{26}			5 16.2 351.°69		12.°4/ 7.7 18	
4 11	15 54.17	+ 8 18.6	1.592	2.430	16.1	19.0
4 21	15 50.36	+10 6.2	1.541	2.427	14.1	18.9
5 1	15 44.31	+11 37.5	1.510	2.424	12.7	18.8
5 11	15 36.82	+12 43.4	1.501	2.422	12.5	18.7
5 21	15 28.86	+13 17.5	1.514	2.420	13.5	18.8
5 31	15 21.50	+13 16.9	1.547	2.419	15.4	18.9
6 10	15 15.67	+12 43.3	1.600	2.418	17.5	19.1
6 20	15 11.97	+11 41.5	1.668	2.418	19.6	19.2
17385 1981 EU_{13}			5 16.2 100.°63		3.°4/14.3 18	
4 11	16 1.11	−14 34.2	1.552	2.406	15.6	19.0
4 21	15 55.43	−13 28.1	1.498	2.425	11.7	18.8
5 1	15 47.34	−12 17.5	1.467	2.445	7.4	18.6
5 11	15 37.82	−11 7.9	1.461	2.463	3.7	18.4
5 21	15 28.00	−10 5.2	1.482	2.482	4.7	18.5
5 31	15 19.08	− 9 14.9	1.529	2.500	8.6	18.8
6 10	15 11.99	− 8 40.8	1.600	2.517	12.5	19.1
6 20	15 7.29	− 8 24.1	1.692	2.534	15.8	19.3
211042 2002 CL_{25}			5 16.2 178.°96		9.°9/21.5 18	
4 11	16 15.72	−47 16.3	2.311	3.011	15.6	21.0
4 21	16 7.29	−48 38.6	2.226	3.014	13.8	20.8
5 1	15 55.37	−49 41.5	2.160	3.016	12.0	20.7
5 11	15 40.82	−50 18.1	2.118	3.017	10.5	20.6
5 21	15 25.06	−50 24.0	2.101	3.016	9.9	20.6
5 31	15 9.86	−49 59.6	2.110	3.015	10.4	20.6
6 10	14 56.81	−49 10.5	2.143	3.013	11.8	20.7
6 20	14 46.98	−48 5.3	2.199	3.010	13.7	20.8
378694 2008 KT_{28}			5 16.2 323.°82		2.°0/13.9 18	
4 11	15 48.82	− 9 34.5	4.205	5.041	6.9	20.3
4 21	15 45.12	− 9 17.2	4.123	5.039	5.2	20.2
5 1	15 40.55	− 9 0.8	4.067	5.037	3.4	20.1
5 11	15 35.44	− 8 46.5	4.040	5.036	2.1	20.0
5 21	15 30.14	− 8 35.7	4.042	5.034	2.5	20.0
5 31	15 25.03	− 8 29.6	4.073	5.032	4.1	20.1
6 10	15 20.46	− 8 29.1	4.131	5.030	5.9	20.3
6 20	15 16.73	− 8 34.6	4.214	5.029	7.6	20.4
253720 2003 WQ_{5}			5 16.2 264.°87		0.°9/15.7 17	
4 11	16 0.33	−19 0.8	1.738	2.583	14.6	21.5
4 21	15 55.31	−18 33.9	1.638	2.560	11.2	21.2
5 1	15 47.66	−17 58.4	1.559	2.537	7.0	20.9
5 11	15 38.09	−17 16.2	1.506	2.513	2.5	20.6
5 21	15 27.61	−16 30.5	1.480	2.488	2.8	20.5
5 31	15 17.46	−15 46.2	1.481	2.463	7.6	20.8
6 10	15 8.82	−15 8.6	1.507	2.437	12.2	21.0
6 20	15 2.54	−14 41.9	1.554	2.411	16.2	21.1
62936 2000 VF_{23}			5 16.2 28.°48		1.°1/16.8 18	
4 11	15 57.37	−21 58.5	2.070	2.906	12.9	18.5
4 21	15 52.49	−22 12.1	1.994	2.910	9.9	18.3
5 1	15 45.55	−22 19.1	1.941	2.914	6.3	18.0
5 11	15 37.25	−22 19.6	1.914	2.919	2.5	17.8
5 21	15 28.46	−22 14.7	1.914	2.923	2.0	17.8
5 31	15 20.15	−22 6.5	1.943	2.928	5.7	18.0
6 10	15 13.18	−21 58.0	1.997	2.933	9.3	18.3
6 20	15 8.16	−21 52.1	2.074	2.939	12.4	18.5
33629 1999 JK_{76}			5 16.2 3.°88		3.°0/15.6 18	
4 11	15 58.96	− 9 29.9	1.387	2.252	16.5	17.2
4 21	15 54.45	−10 10.4	1.319	2.251	12.6	16.9
5 1	15 47.13	−10 57.8	1.273	2.252	8.1	16.7
5 11	15 37.88	−11 52.9	1.250	2.254	3.8	16.4
5 21	15 27.87	−12 55.2	1.253	2.258	4.1	16.4
5 31	15 18.48	−14 3.6	1.281	2.263	8.5	16.7
6 10	15 10.94	−15 17.0	1.333	2.270	12.9	17.0
6 20	15 6.05	−16 33.8	1.405	2.278	16.7	17.2
355165 2006 VK_{139}			5 16.2 219.°58		0.°4/15.9 16	
4 11	15 56.50	−18 37.5	2.494	3.327	11.1	22.1
4 21	15 51.51	−18 29.2	2.406	3.323	8.3	21.9
5 1	15 44.81	−18 16.5	2.342	3.318	5.2	21.7
5 11	15 36.98	−18 0.5	2.306	3.313	1.8	21.4
5 21	15 28.71	−17 42.9	2.299	3.307	1.8	21.4
5 31	15 20.80	−17 25.9	2.320	3.302	5.3	21.7
6 10	15 13.95	−17 12.2	2.369	3.296	8.5	21.8
6 20	15 8.69	−17 3.9	2.441	3.290	11.3	22.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
338772 2003 UQ_{251}			5 16.2 226°.23		1°.8/17.3 18	
	h m	° ′			°	m
4 11	15 57.94	−25 41.7	2.082	2.908	13.2	21.4
4 21	15 52.98	−25 31.7	1.995	2.904	10.2	21.2
5 1	15 45.89	−25 10.8	1.932	2.900	6.7	20.9
5 11	15 37.38	−24 39.4	1.894	2.896	3.1	20.7
5 21	15 28.34	−23 59.5	1.884	2.892	2.3	20.6
5 31	15 19.78	−23 14.5	1.902	2.887	5.8	20.9
6 10	15 12.60	−22 29.3	1.945	2.883	9.5	21.1
6 20	15 7.44	−21 48.3	2.013	2.878	12.7	21.3
59610 1999 JE_{67}			5 16.2 349°.69		3°.2/14.8 18	
4 11	15 54.27	−13 33.6	1.279	2.156	16.8	18.6
4 21	15 51.14	−13 9.1	1.209	2.148	12.8	18.3
5 1	15 45.16	−12 42.0	1.159	2.141	8.2	18.0
5 11	15 37.21	−12 16.5	1.131	2.136	3.9	17.8
5 21	15 28.49	−11 57.0	1.127	2.131	4.7	17.8
5 31	15 20.39	−11 47.9	1.146	2.128	9.3	18.1
6 10	15 14.17	−11 52.4	1.187	2.125	14.0	18.3
6 20	15 10.62	−12 11.5	1.247	2.124	18.1	18.6
300855 2007 YZ_{33}			5 16.2 82°.69		2°.5/17.9 17	
4 11	15 57.92	−27 46.1	2.164	2.983	13.1	21.2
4 21	15 52.81	−27 46.7	2.092	2.994	10.1	21.0
5 1	15 45.69	−27 35.9	2.043	3.005	6.9	20.9
5 11	15 37.29	−27 13.8	2.019	3.017	3.7	20.7
5 21	15 28.49	−26 42.0	2.023	3.028	2.8	20.6
5 31	15 20.27	−26 3.6	2.054	3.039	5.6	20.8
6 10	15 13.44	−25 23.1	2.112	3.050	8.8	21.0
6 20	15 8.57	−24 44.8	2.194	3.061	11.8	21.3
42387 4071 $P–L$			5 16.2 295°.83		2°.6/14.9 18	
4 11	15 57.15	−16 36.8	1.424	2.288	16.2	18.8
4 21	15 53.15	−15 46.7	1.344	2.277	12.3	18.6
5 1	15 46.36	−14 48.1	1.284	2.265	7.7	18.3
5 11	15 37.63	−13 45.4	1.249	2.254	3.3	18.0
5 21	15 28.12	−12 44.3	1.238	2.243	4.2	18.0
5 31	15 19.18	−11 51.6	1.253	2.232	9.0	18.2
6 10	15 12.04	−11 13.0	1.290	2.221	13.7	18.5
6 20	15 7.49	−10 51.8	1.347	2.211	17.8	18.7
395666 2011 WQ_{92}			5 16.2 189°.00		1°.0/15.5 18	
4 11	15 56.08	−16 0.2	2.935	3.766	9.7	22.0
4 21	15 50.91	−15 50.7	2.849	3.765	7.2	21.8
5 1	15 44.31	−15 38.7	2.788	3.763	4.5	21.6
5 11	15 36.79	−15 25.6	2.756	3.761	1.7	21.4
5 21	15 28.94	−15 12.9	2.753	3.759	2.0	21.4
5 31	15 21.39	−15 2.4	2.780	3.757	4.8	21.6
6 10	15 14.73	−14 55.8	2.834	3.754	7.6	21.8
6 20	15 9.42	−14 54.6	2.913	3.750	10.0	21.9
94762 2001 XC_{99}			5 16.2 205°.65		2°.0/17.3 18	
4 11	16 2.32	−25 46.7	1.731	2.560	15.4	19.6
4 21	15 56.72	−25 37.2	1.646	2.556	11.9	19.3
5 1	15 48.45	−25 14.7	1.582	2.552	7.9	19.1
5 11	15 38.33	−24 39.1	1.544	2.546	3.6	18.8
5 21	15 27.51	−23 52.5	1.533	2.541	2.7	18.7
5 31	15 17.28	−22 59.6	1.549	2.534	6.9	19.0
6 10	15 8.81	−22 6.7	1.590	2.528	11.1	19.2
6 20	15 2.86	−21 19.6	1.653	2.520	14.9	19.4
172809 2004 GV_{27}			5 16.2 28°.42		7°.0/14.0 18	
4 11	16 0.95	+ 1 2.2	1.844	2.679	14.4	19.4
4 21	15 55.10	+ 1 1.9	1.782	2.686	11.5	19.2
5 1	15 47.13	+ 0 49.4	1.742	2.693	8.8	19.1
5 11	15 37.79	+ 0 21.3	1.727	2.701	7.1	19.0
5 21	15 28.05	− 0 23.6	1.738	2.709	7.6	19.0
5 31	15 18.92	− 1 25.3	1.776	2.718	9.8	19.2
6 10	15 11.27	− 2 41.3	1.839	2.727	12.6	19.3
6 20	15 5.71	− 4 8.5	1.924	2.737	15.3	19.5
506490 2003 UO_{27}			5 16.2 225°.60		0°.6/15.8 18	
4 11	15 59.79	−17 13.8	3.017	3.837	9.7	22.8
4 21	15 53.75	−17 9.6	2.911	3.821	7.3	22.6
5 1	15 46.14	−17 2.3	2.832	3.805	4.6	22.4
5 11	15 37.46	−16 52.7	2.781	3.787	1.6	22.1
5 21	15 28.31	−16 42.0	2.761	3.769	1.8	22.1
5 31	15 19.38	−16 32.0	2.772	3.750	4.8	22.3
6 10	15 11.32	−16 24.6	2.812	3.729	7.7	22.5
6 20	15 4.65	−16 21.6	2.877	3.708	10.3	22.6
293643 2007 OS_{10}			5 16.2 238°.21		13°.3/ 7.4 16	
4 11	16 0.47	+12 42.4	1.727	2.534	16.3	21.2
4 21	15 55.09	+14 19.9	1.664	2.522	14.7	21.0
5 1	15 47.31	+15 39.2	1.622	2.510	13.6	20.9
5 11	15 37.91	+16 31.2	1.601	2.497	13.4	20.9
5 21	15 27.90	+16 49.7	1.602	2.483	14.4	20.9
5 31	15 18.42	+16 31.9	1.624	2.469	16.1	21.0
6 10	15 10.49	+15 39.9	1.666	2.454	18.2	21.1
6 20	15 4.80	+14 18.9	1.723	2.439	20.3	21.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
256855 2008 CA_{198}			5 16.2 284°.14		7°.1/19.8 18	
	h m	° ′			°	m
4 11	16 2.08	−39 24.2	2.407	3.168	13.6	20.7
4 21	15 56.52	−40 23.6	2.302	3.148	11.6	20.5
5 1	15 48.42	−41 9.3	2.219	3.128	9.5	20.3
5 11	15 38.39	−41 37.0	2.160	3.107	7.7	20.2
5 21	15 27.38	−41 44.3	2.126	3.087	7.1	20.1
5 31	15 16.57	−41 31.3	2.119	3.067	8.1	20.1
6 10	15 7.14	−41 1.6	2.138	3.046	10.2	20.2
6 20	14 59.95	−40 21.0	2.179	3.026	12.6	20.3
237489 2000 LG_{7}			5 16.2 71°.00		5°.6/13.9 18	
4 11	16 0.32	− 8 34.9	1.323	2.188	17.1	20.2
4 21	15 55.40	− 7 52.9	1.263	2.193	13.1	20.0
5 1	15 47.65	− 7 13.5	1.223	2.198	8.9	19.8
5 11	15 38.04	− 6 42.4	1.207	2.203	5.8	19.6
5 21	15 27.83	− 6 24.6	1.215	2.209	6.8	19.7
5 31	15 18.44	− 6 23.9	1.248	2.214	10.6	19.9
6 10	15 11.03	− 6 41.5	1.302	2.219	14.7	20.1
6 20	15 6.32	− 7 16.2	1.375	2.225	18.3	20.4
301041 2008 TY_{32}			5 16.2 14°.25		3°.8/14.4 14	C
4 11	15 57.39	−14 44.9	1.162	2.038	18.2	20.8
4 21	15 53.60	−13 47.2	1.100	2.040	13.7	20.5
5 1	15 46.71	−12 43.0	1.059	2.041	8.7	20.3
5 11	15 37.75	−11 38.6	1.039	2.043	4.3	20.0
5 21	15 28.10	−10 41.2	1.043	2.046	5.5	20.1
5 31	15 19.32	− 9 58.0	1.070	2.049	10.3	20.4
6 10	15 12.70	− 9 33.7	1.118	2.052	15.1	20.6
6 20	15 8.99	− 9 30.0	1.185	2.056	19.3	20.9
175867 1999 VW_{86}			5 16.2 208°.14		6°.7/12.1 17	
4 11	15 58.89	− 3 50.3	1.875	2.720	13.7	20.5
4 21	15 53.66	− 2 42.7	1.802	2.715	10.9	20.3
5 1	15 46.30	− 1 39.2	1.751	2.710	8.1	20.2
5 11	15 37.54	− 0 45.7	1.727	2.705	6.7	20.1
5 21	15 28.28	− 0 7.4	1.729	2.698	7.7	20.1
5 31	15 19.51	+ 0 12.0	1.756	2.692	10.3	20.2
6 10	15 12.14	+ 0 11.0	1.807	2.685	13.3	20.4
6 20	15 6.77	− 0 9.4	1.878	2.677	16.1	20.6
380487 2004 BC_{75}			5 16.2 73°.76		15°.1/25.6 18	
4 11	16 9.10	−49 39.8	1.056	1.831	26.4	20.2
4 21	16 4.56	−50 38.9	0.999	1.839	23.5	20.0
5 1	15 54.51	−50 57.3	0.955	1.848	20.3	19.8
5 11	15 40.60	−50 23.4	0.926	1.857	17.2	19.7
5 21	15 25.58	−48 52.7	0.915	1.866	15.3	19.6
5 31	15 12.56	−46 32.4	0.924	1.875	15.4	19.6
6 10	15 3.76	−43 40.9	0.953	1.883	17.4	19.8
6 20	14 59.96	−40 40.0	1.000	1.892	20.4	20.0
295456 2008 PB_{4}			5 16.2 239°.59		4°.5/19.2 18	
4 11	16 1.90	−34 12.9	2.492	3.273	12.6	21.4
4 21	15 55.97	−34 25.4	2.384	3.255	10.3	21.2
5 1	15 47.82	−34 24.2	2.298	3.237	7.7	21.0
5 11	15 38.12	−34 7.3	2.239	3.217	5.3	20.8
5 21	15 27.72	−33 34.5	2.207	3.197	4.5	20.7
5 31	15 17.66	−32 48.0	2.203	3.176	6.2	20.8
6 10	15 8.89	−31 52.3	2.227	3.154	9.0	20.9
6 20	15 2.11	−30 53.1	2.276	3.132	11.8	21.1
192676 1999 RK_{239}			5 16.2 260°.13		7°.9/10.1 18	
4 11	15 56.57	+ 1 9.8	2.163	2.997	12.5	20.6
4 21	15 51.79	+ 2 28.9	2.077	2.976	10.4	20.4
5 1	15 45.12	+ 3 42.1	2.015	2.955	8.5	20.3
5 11	15 37.15	+ 4 43.1	1.979	2.934	7.9	20.2
5 21	15 28.63	+ 5 26.7	1.969	2.911	8.8	20.2
5 31	15 20.42	+ 5 49.1	1.984	2.889	11.0	20.3
6 10	15 13.32	+ 5 48.9	2.022	2.866	13.5	20.4
6 20	15 7.94	+ 5 27.4	2.080	2.843	15.9	20.5
129579 1997 SF_{1}			5 16.2 196°.17		7°.4/10.2 17	
4 11	15 59.95	− 3 9.7	2.017	2.854	13.2	20.5
4 21	15 54.27	− 1 13.6	1.944	2.852	10.5	20.3
5 1	15 46.60	+ 0 40.5	1.897	2.848	8.3	20.1
5 11	15 37.63	+ 2 24.7	1.878	2.843	7.4	20.1
5 21	15 28.23	+ 3 51.9	1.886	2.837	8.6	20.1
5 31	15 19.33	+ 4 56.7	1.921	2.831	11.0	20.3
6 10	15 11.76	+ 5 36.8	1.980	2.823	13.7	20.4
6 20	15 6.10	+ 5 52.7	2.058	2.815	16.2	20.6
471877 2013 AY_{73}			5 16.2 173°.85		3°.1/18.3 18	
4 11	15 59.09	−29 54.3	2.697	3.495	11.3	22.1
4 21	15 53.48	−30 13.2	2.610	3.497	9.0	21.9
5 1	15 46.06	−30 22.3	2.547	3.499	6.4	21.7
5 11	15 37.45	−30 20.6	2.510	3.500	3.9	21.6
5 21	15 28.38	−30 8.3	2.503	3.501	3.2	21.5
5 31	15 19.69	−29 47.3	2.524	3.501	5.2	21.7
6 10	15 12.15	−29 20.8	2.572	3.502	7.8	21.8
6 20	15 6.28	−28 52.5	2.645	3.502	10.3	22.0

260374 2004 VL_{16} 5 16.2 280°.01 8°.2/10.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 58.83	+ 8 16.8	2.629	3.429	11.5	20.8
4 21	15 53.22	+ 8 53.3	2.533	3.399	10.0	20.6
5 1	15 45.91	+ 9 18.6	2.460	3.369	8.7	20.5
5 11	15 37.42	+ 9 28.1	2.413	3.338	8.2	20.4
5 21	15 28.39	+ 9 18.6	2.392	3.307	8.8	20.4
5 31	15 19.57	+ 8 48.4	2.397	3.275	10.4	20.4
6 10	15 11.69	+ 7 58.1	2.426	3.243	12.3	20.5
6 20	15 5.29	+ 6 49.8	2.476	3.211	14.3	20.6

432043 2008 WS_{113} 5 16.2 339°.91 1°.2/15.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 57.86	−16 34.1	1.894	2.741	13.5	21.5
4 21	15 52.99	−16 26.5	1.816	2.741	10.2	21.2
5 1	15 45.94	−16 15.2	1.762	2.740	6.3	21.0
5 11	15 37.44	−16 1.9	1.733	2.739	2.3	20.7
5 21	15 28.40	−15 48.8	1.731	2.738	2.6	20.8
5 31	15 19.85	−15 38.7	1.756	2.737	6.7	21.0
6 10	15 12.71	−15 34.3	1.806	2.737	10.5	21.2
6 20	15 7.63	−15 37.6	1.879	2.736	13.8	21.4

284590 2007 TL_{195} 5 16.2 229°.12 0°.7/16.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 57.64	−22 9.3	2.218	3.050	12.3	21.6
4 21	15 52.63	−22 2.8	2.130	3.045	9.4	21.4
5 1	15 45.64	−21 48.8	2.066	3.039	6.0	21.2
5 11	15 37.33	−21 28.0	2.028	3.033	2.3	20.9
5 21	15 28.50	−21 2.1	2.018	3.027	1.8	20.9
5 31	15 20.07	−20 34.1	2.037	3.021	5.6	21.1
6 10	15 12.89	−20 7.5	2.081	3.015	9.1	21.3
6 20	15 7.56	−19 45.6	2.150	3.008	12.3	21.5

479956 2014 HP_{185} 5 16.2 42°.45 7°.3/10.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 53.27	− 0 36.1	2.152	2.996	12.2	21.2
4 21	15 49.12	+ 0 53.8	2.093	3.000	9.9	21.0
5 1	15 43.31	+ 2 17.5	2.058	3.004	8.0	20.9
5 11	15 36.47	+ 3 28.9	2.049	3.008	7.3	20.9
5 21	15 29.32	+ 4 23.1	2.066	3.013	8.2	20.9
5 31	15 22.64	+ 4 56.7	2.108	3.018	10.2	21.1
6 10	15 17.10	+ 5 8.8	2.173	3.022	12.5	21.2
6 20	15 13.17	+ 5 0.7	2.258	3.027	14.6	21.4

26145 1994 PG_{18} 5 16.2 64°.69 4°.5/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 58.03	−10 56.3	1.511	2.373	15.5	17.5
4 21	15 53.36	−10 4.1	1.450	2.380	11.8	17.3
5 1	15 46.23	− 9 11.2	1.410	2.386	7.8	17.1
5 11	15 37.53	− 8 22.9	1.395	2.393	4.7	16.9
5 21	15 28.35	− 7 44.4	1.405	2.400	5.7	17.0
5 31	15 19.90	− 7 20.3	1.440	2.407	9.4	17.2
6 10	15 13.18	− 7 12.9	1.499	2.415	13.2	17.5
6 20	15 8.81	− 7 22.5	1.577	2.422	16.6	17.7

304768 2007 DB_{40} 5 16.2 179°.90 1°.2/17.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 56.44	−24 31.5	3.049	3.862	9.8	22.4
4 21	15 51.20	−24 26.6	2.960	3.863	7.5	22.2
5 1	15 44.51	−24 14.8	2.897	3.864	4.9	22.1
5 11	15 36.89	−23 56.6	2.862	3.864	2.2	21.9
5 21	15 28.94	−23 33.0	2.856	3.864	1.6	21.8
5 31	15 21.31	−23 6.3	2.880	3.863	4.3	22.0
6 10	15 14.62	−22 38.9	2.932	3.862	6.9	22.2
6 20	15 9.31	−22 13.5	3.009	3.860	9.3	22.3

389236 2009 EA_{22} 5 16.2 59°.03 4°.4/13.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 56.32	− 7 22.9	2.086	2.933	12.4	20.1
4 21	15 51.51	− 6 52.3	2.016	2.936	9.5	19.9
5 1	15 44.86	− 6 24.6	1.969	2.938	6.6	19.7
5 11	15 37.03	− 6 3.3	1.949	2.941	4.5	19.6
5 21	15 28.81	− 5 51.3	1.955	2.944	5.2	19.6
5 31	15 21.06	− 5 51.0	1.989	2.946	7.9	19.8
6 10	15 14.54	− 6 3.5	2.047	2.949	10.9	20.0
6 20	15 9.79	− 6 28.3	2.128	2.952	13.6	20.2

471888 2013 AZ_{122} 5 16.2 170°.58 3°.7/19.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 58.25	−32 55.1	2.695	3.483	11.6	21.7
4 21	15 52.86	−33 2.8	2.608	3.486	9.3	21.5
5 1	15 45.67	−32 58.3	2.544	3.488	6.8	21.4
5 11	15 37.32	−32 40.9	2.507	3.490	4.5	21.2
5 21	15 28.55	−32 11.2	2.498	3.491	3.8	21.2
5 31	15 20.22	−31 31.5	2.517	3.492	5.3	21.3
6 10	15 13.06	−30 45.7	2.563	3.493	7.8	21.4
6 20	15 7.62	−29 58.2	2.634	3.494	10.3	21.6

136695 1995 SP_{50} 5 16.2 255°.15 0°.6/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 0.39	−19 33.3	1.874	2.714	13.9	20.9
4 21	15 55.17	−19 7.9	1.774	2.693	10.6	20.7
5 1	15 47.49	−18 34.1	1.696	2.673	6.7	20.4
5 11	15 38.06	−17 53.7	1.645	2.651	2.3	20.1
5 21	15 27.82	−17 9.4	1.621	2.629	2.5	20.0
5 31	15 17.92	−16 25.9	1.624	2.606	7.0	20.3
6 10	15 9.45	−15 47.9	1.653	2.583	11.4	20.5
6 20	15 3.19	−15 19.5	1.705	2.558	15.2	20.6

365077 2009 BD_{17} 5 16.2 165°.56 3°.1/14.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 2.04	−13 0.8	1.752	2.598	14.5	22.0
4 21	15 56.15	−12 24.8	1.681	2.603	10.9	21.8
5 1	15 47.91	−11 46.5	1.632	2.608	7.0	21.6
5 11	15 38.12	−11 9.4	1.610	2.612	3.5	21.4
5 21	15 27.84	−10 37.4	1.614	2.615	4.3	21.4
5 31	15 18.19	−10 14.5	1.646	2.617	8.1	21.6
6 10	15 10.17	−10 3.5	1.703	2.619	11.9	21.9
6 20	15 4.40	−10 5.5	1.781	2.620	15.3	22.1

471498 2011 WB_{138} 5 16.2 293°.54 0°.7/16.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 55.65	−25 42.3	2.154	2.983	12.8	20.3
4 21	15 51.18	−24 42.8	2.059	2.971	9.8	20.1
5 1	15 44.75	−23 29.1	1.987	2.958	6.3	19.8
5 11	15 37.02	−22 3.4	1.941	2.946	2.5	19.6
5 21	15 28.84	−20 30.0	1.925	2.934	1.9	19.5
5 31	15 21.13	−18 54.8	1.937	2.922	5.8	19.7
6 10	15 14.72	−17 24.3	1.977	2.910	9.5	19.9
6 20	15 10.18	−16 4.0	2.040	2.898	12.8	20.1

121425 1999 TV_{152} 5 16.2 267°.57 0°.4/16.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 57.80	−20 28.0	2.596	3.423	10.9	20.6
4 21	15 52.61	−20 35.9	2.490	3.402	8.3	20.4
5 1	15 45.61	−20 39.0	2.409	3.381	5.3	20.2
5 11	15 37.35	−20 37.8	2.355	3.360	2.0	19.9
5 21	15 28.49	−20 33.0	2.329	3.338	1.7	19.9
5 31	15 19.84	−20 26.2	2.333	3.316	5.1	20.1
6 10	15 12.18	−20 19.9	2.365	3.294	8.4	20.2
6 20	15 6.09	−20 16.3	2.421	3.272	11.3	20.4

320596 2008 BD_{34} 5 16.2 332°.60 4°.2/18.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 58.10	−28 53.1	1.392	2.235	17.7	19.9
4 21	15 54.27	−29 11.4	1.313	2.227	14.1	19.6
5 1	15 47.29	−29 13.6	1.253	2.219	9.8	19.4
5 11	15 38.05	−28 57.7	1.215	2.212	5.7	19.1
5 21	15 27.86	−28 24.3	1.201	2.205	4.5	19.0
5 31	15 18.31	−27 37.5	1.212	2.199	8.1	19.2
6 10	15 10.83	−26 45.1	1.245	2.194	12.5	19.4
6 20	15 6.31	−25 54.7	1.299	2.189	16.7	19.7

200779 2001 XZ_{49} 5 16.2 182°.40 1°.8/17.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 2.83	−26 0.6	1.781	2.607	15.1	20.7
4 21	15 56.97	−25 43.6	1.699	2.608	11.7	20.4
5 1	15 48.53	−25 13.3	1.640	2.609	7.7	20.2
5 11	15 38.37	−24 29.9	1.606	2.608	3.5	19.9
5 21	15 27.61	−23 36.1	1.599	2.608	2.5	19.9
5 31	15 17.51	−22 36.8	1.620	2.606	6.6	20.1
6 10	15 9.16	−21 38.4	1.667	2.604	10.8	20.4
6 20	15 3.26	−20 46.6	1.737	2.601	14.5	20.6

136130 2003 SH_{87} 5 16.2 253°.95 2°.7/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.24	−13 38.3	1.795	2.641	14.2	20.6
4 21	15 55.86	−13 12.5	1.698	2.621	10.8	20.3
5 1	15 47.96	−12 43.8	1.625	2.601	7.0	20.0
5 11	15 38.25	−12 14.8	1.577	2.580	3.3	19.8
5 21	15 27.69	−11 49.0	1.556	2.558	4.0	19.8
5 31	15 17.45	−11 30.3	1.562	2.536	8.1	20.0
6 10	15 8.66	−11 22.0	1.593	2.513	12.3	20.1
6 20	15 2.12	−11 26.0	1.646	2.489	16.1	20.3

273899 2007 HV_{45} 5 16.2 65°.09 1°.1/15.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 57.87	−17 51.8	1.764	2.613	14.2	21.1
4 21	15 53.11	−17 28.1	1.690	2.615	10.7	20.9
5 1	15 46.06	−16 58.4	1.638	2.617	6.7	20.7
5 11	15 37.51	−16 25.0	1.612	2.619	2.4	20.4
5 21	15 28.44	−15 51.2	1.613	2.620	2.7	20.4
5 31	15 19.95	−15 21.1	1.640	2.622	7.0	20.7
6 10	15 12.99	−14 58.4	1.692	2.624	11.0	20.9
6 20	15 8.21	−14 45.7	1.766	2.626	14.5	21.1

85689 1998 RT_{55} 5 16.2 225°.17 0°.6/16.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 57.55	−22 31.9	2.140	2.973	12.7	19.9
4 21	15 52.62	−22 13.8	2.053	2.968	9.7	19.7
5 1	15 45.67	−21 46.9	1.989	2.963	6.1	19.4
5 11	15 37.37	−21 12.4	1.952	2.957	2.3	19.2
5 21	15 28.56	−20 32.7	1.943	2.952	1.9	19.1
5 31	15 20.20	−19 51.4	1.961	2.946	5.8	19.4
6 10	15 13.14	−19 12.6	2.006	2.940	9.4	19.6
6 20	15 7.98	−18 39.9	2.074	2.934	12.6	19.8

512819 2016 UQ_{101} 5 16.2 216°.54 0°.4/16.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 55.53	−22 28.4	3.011	3.831	9.7	22.4
4 21	15 50.55	−22 4.6	2.914	3.823	7.4	22.3
5 1	15 44.14	−21 33.9	2.843	3.814	4.7	22.1
5 11	15 36.79	−20 57.5	2.799	3.804	1.7	21.9
5 21	15 29.10	−20 17.3	2.785	3.794	1.4	21.8
5 31	15 21.70	−19 35.9	2.801	3.784	4.4	22.0
6 10	15 15.21	−18 56.3	2.845	3.773	7.2	22.2
6 20	15 10.06	−18 21.2	2.915	3.762	9.7	22.3

482080 2010 ED_{86} 5 16.2 53°.47 17°.4/ 3.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 57.06	+ 2 17.3	0.866	1.751	22.0	20.5
4 21	15 53.72	+ 6 44.7	0.835	1.757	19.0	20.3
5 1	15 46.87	+10 55.3	0.824	1.763	17.5	20.2
5 11	15 37.84	+14 23.5	0.834	1.769	18.1	20.3
5 21	15 28.26	+16 51.3	0.862	1.775	20.3	20.4
5 31	15 19.88	+18 12.1	0.907	1.782	23.2	20.6
6 10	15 14.03	+18 30.8	0.965	1.789	26.1	20.9
6 20	15 11.39	+17 58.4	1.033	1.796	28.5	21.1

28160 1998 VC_{11} 5 16.2 325°.89 2°.0/15.3 17

4 11	15 56.10	−18 30.6	1.164	2.040	18.2	18.0
4 21	15 52.90	−17 42.7	1.091	2.030	13.8	17.7
5 1	15 46.48	−16 42.9	1.037	2.021	8.7	17.4
5 11	15 37.79	−15 35.8	1.005	2.012	3.3	17.1
5 21	15 28.19	−14 28.0	0.997	2.004	4.0	17.1
5 31	15 19.30	−13 27.8	1.011	1.996	9.7	17.4
6 10	15 12.54	−12 42.6	1.047	1.990	15.0	17.6
6 20	15 8.80	−12 16.5	1.101	1.983	19.6	17.9

333168 2012 CR_{41} 5 16.2 296°.19 3°.7/18.8 18

4 11	15 56.51	−31 56.4	2.630	3.426	11.6	21.0
4 21	15 51.69	−32 14.9	2.539	3.422	9.3	20.8
5 1	15 45.04	−32 22.2	2.471	3.417	6.8	20.6
5 11	15 37.15	−32 17.4	2.429	3.413	4.5	20.5
5 21	15 28.78	−32 0.7	2.414	3.408	3.8	20.4
5 31	15 20.77	−31 33.8	2.428	3.404	5.5	20.5
6 10	15 13.88	−31 0.4	2.468	3.400	8.0	20.7
6 20	15 8.69	−30 24.4	2.532	3.395	10.5	20.8

101867 1999 LR_{15} 5 16.2 321°.43 20°.5/ 4.8 18 R

4 11	16 0.61	+23 25.2	1.276	2.062	22.1	18.6
4 21	15 56.12	+24 56.6	1.220	2.042	21.1	18.4
5 1	15 48.42	+25 53.8	1.178	2.022	20.6	18.3
5 11	15 38.45	+26 4.0	1.152	2.003	20.7	18.2
5 21	15 27.59	+25 19.5	1.142	1.984	21.5	18.2
5 31	15 17.43	+23 38.5	1.147	1.967	22.9	18.3
6 10	15 9.38	+21 7.1	1.168	1.951	24.7	18.3
6 20	15 4.29	+17 56.0	1.202	1.935	26.7	18.4

60112 1999 TZ_{216} 5 16.2 271°.75 0°.3/16.3 17

4 11	16 1.77	−20 38.2	1.368	2.222	17.3	20.3
4 21	15 57.12	−20 35.1	1.277	2.204	13.3	20.0
5 1	15 49.19	−20 22.6	1.207	2.185	8.5	19.7
5 11	15 38.80	−20 1.3	1.160	2.167	3.1	19.3
5 21	15 27.20	−19 33.2	1.138	2.148	2.7	19.2
5 31	15 16.03	−19 2.9	1.141	2.128	8.5	19.5
6 10	15 6.82	−18 36.4	1.167	2.109	13.9	19.7
6 20	15 0.62	−18 18.9	1.213	2.089	18.6	20.0

178140 2006 TY_{70} 5 16.2 98°.26 4°.4/12.6 18

4 11	15 55.13	− 7 10.2	2.477	3.318	10.9	20.7
4 21	15 50.23	− 6 4.9	2.421	3.337	8.3	20.5
5 1	15 43.88	− 5 1.6	2.391	3.356	5.9	20.4
5 11	15 36.68	− 4 4.5	2.389	3.375	4.5	20.3
5 21	15 29.29	− 3 17.3	2.415	3.393	5.2	20.4
5 31	15 22.39	− 2 42.7	2.469	3.411	7.4	20.6
6 10	15 16.56	− 2 22.4	2.548	3.429	9.8	20.7
6 20	15 12.21	− 2 16.2	2.649	3.446	12.0	20.9

237803 2002 CB_{20} 5 16.2 227°.23 1°.7/17.3 18

4 11	16 1.18	−25 10.1	2.474	3.286	11.8	21.3
4 21	15 55.25	−25 12.2	2.371	3.272	9.2	21.1
5 1	15 47.32	−25 5.6	2.292	3.257	6.1	20.8
5 11	15 37.98	−24 50.1	2.240	3.241	2.9	20.6
5 21	15 28.04	−24 26.6	2.218	3.225	2.2	20.5
5 31	15 18.40	−23 57.3	2.224	3.207	5.3	20.7
6 10	15 9.92	−23 26.0	2.259	3.189	8.7	20.9
6 20	15 3.24	−22 56.4	2.318	3.170	11.7	21.0

409921 2006 TF_{94} 5 16.2 280°.77 0°.3/16.0 17

4 11	15 52.67	−19 1.8	3.250	4.079	8.9	21.7
4 21	15 48.39	−18 49.7	3.145	4.060	6.7	21.5
5 1	15 42.82	−18 33.5	3.065	4.040	4.2	21.3
5 11	15 36.37	−18 14.4	3.014	4.020	1.4	21.1
5 21	15 29.55	−17 53.8	2.992	4.000	1.4	21.1
5 31	15 22.92	−17 33.6	2.999	3.980	4.2	21.3
6 10	15 17.04	−17 15.7	3.034	3.960	6.9	21.4
6 20	15 12.33	−17 2.1	3.094	3.939	9.3	21.5

470355 2007 RU_{299} 5 16.2 285°.71 2°.4/17.5 16

4 11	15 58.45	−26 1.7	1.912	2.742	14.1	21.4
4 21	15 53.75	−26 10.6	1.819	2.728	11.0	21.2
5 1	15 46.63	−26 9.0	1.748	2.715	7.4	20.9
5 11	15 37.79	−25 56.0	1.701	2.702	3.7	20.7
5 21	15 28.21	−25 32.6	1.682	2.688	2.9	20.6
5 31	15 19.03	−25 1.6	1.689	2.675	6.4	20.8
6 10	15 11.30	−24 27.7	1.722	2.662	10.3	21.0
6 20	15 5.80	−23 55.9	1.777	2.648	13.8	21.2

365068 2008 YY_{127} 5 16.2 23°.41 5°.7/14.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 57.42	− 9 7.0	1.088	1.969	18.8	20.5
4 21	15 53.66	− 8 32.4	1.037	1.976	14.4	20.3
5 1	15 46.77	− 8 1.2	1.004	1.984	9.6	20.0
5 11	15 37.83	− 7 39.4	0.993	1.992	6.0	19.9
5 21	15 28.27	− 7 32.1	1.005	2.002	7.0	19.9
5 31	15 19.67	− 7 42.8	1.039	2.013	11.1	20.2
6 10	15 13.29	− 8 11.9	1.093	2.025	15.6	20.5
6 20	15 9.87	− 8 57.8	1.165	2.037	19.5	20.8

470214 2006 WF_{29} 5 16.2 149°.58 2°.4/18.0 17

4 11	15 58.56	−28 22.0	2.975	3.774	10.4	22.6
4 21	15 52.86	−28 34.5	2.894	3.783	8.1	22.5
5 1	15 45.59	−28 38.4	2.836	3.792	5.6	22.3
5 11	15 37.32	−28 33.4	2.807	3.800	3.2	22.2
5 21	15 28.71	−28 20.1	2.806	3.808	2.6	22.1
5 31	15 20.46	−28 0.1	2.835	3.815	4.5	22.3
6 10	15 13.25	−27 36.2	2.892	3.822	7.0	22.4
6 20	15 7.54	−27 11.7	2.975	3.828	9.4	22.6

135056 2001 OY_{76} 5 16.2 172°.70 3°.1/14.1 18

4 11	15 57.01	− 9 11.5	2.672	3.507	10.4	20.5
4 21	15 51.68	− 8 48.7	2.594	3.509	7.9	20.4
5 1	15 44.85	− 8 27.1	2.542	3.512	5.3	20.2
5 11	15 37.06	− 8 9.0	2.518	3.514	3.3	20.1
5 21	15 28.95	− 7 56.7	2.523	3.515	3.8	20.1
5 31	15 21.20	− 7 52.1	2.556	3.516	6.2	20.3
6 10	15 14.44	− 7 56.4	2.616	3.517	8.9	20.4
6 20	15 9.12	− 8 9.9	2.700	3.517	11.3	20.6

277611 2006 AK_{85} 5 16.2 212°.59 5°.3/19.2 17

4 11	16 4.24	−35 5.3	2.410	3.185	13.2	21.6
4 21	15 57.86	−35 43.0	2.313	3.178	10.8	21.4
5 1	15 49.10	−36 7.6	2.238	3.169	8.3	21.2
5 11	15 38.66	−36 16.0	2.189	3.160	6.1	21.1
5 21	15 27.46	−36 7.2	2.168	3.150	5.3	21.0
5 31	15 16.63	−35 42.5	2.174	3.140	6.8	21.1
6 10	15 7.19	−35 6.2	2.208	3.129	9.3	21.2
6 20	14 59.90	−34 23.5	2.265	3.117	12.0	21.4

125344 2001 VB_{54} 5 16.2 186°.02 2°.2/17.3 18

4 11	16 1.22	−25 49.4	1.443	2.286	17.2	19.9
4 21	15 56.32	−25 41.4	1.368	2.286	13.3	19.6
5 1	15 48.41	−25 18.6	1.314	2.286	8.8	19.4
5 11	15 38.43	−24 41.2	1.283	2.285	4.0	19.1
5 21	15 27.71	−23 51.8	1.277	2.285	3.0	19.0
5 31	15 17.74	−22 55.9	1.297	2.285	7.6	19.3
6 10	15 9.82	−22 0.9	1.340	2.284	12.3	19.6
6 20	15 4.75	−21 13.4	1.404	2.283	16.4	19.8

162863 2001 EX_{4} 5 16.2 355°.02 4°.8/18.3 17

4 11	15 59.89	−29 59.9	1.697	2.521	15.9	19.4
4 21	15 55.17	−30 43.3	1.618	2.519	12.7	19.2
5 1	15 47.67	−31 13.6	1.560	2.517	9.2	19.0
5 11	15 38.19	−31 28.3	1.526	2.516	5.9	18.8
5 21	15 27.90	−31 26.2	1.517	2.515	5.0	18.7
5 31	15 18.15	−31 9.5	1.534	2.515	7.5	18.9
6 10	15 10.18	−30 43.3	1.575	2.515	11.1	19.1
6 20	15 4.82	−30 13.7	1.638	2.515	14.5	19.3

328468 2008 YY_{31} 5 16.2 159°.84 19°.6/ 8.8 18

4 11	16 10.39	+24 54.3	1.393	2.147	22.0	20.6
4 21	16 2.84	+26 28.1	1.359	2.154	20.7	20.6
5 1	15 52.20	+27 26.0	1.340	2.161	19.8	20.5
5 11	15 39.66	+27 37.4	1.339	2.166	19.6	20.5
5 21	15 26.73	+26 57.7	1.354	2.170	20.1	20.5
5 31	15 14.97	+25 28.3	1.387	2.174	21.2	20.6
6 10	15 5.60	+23 17.4	1.437	2.176	22.7	20.8
6 20	14 59.28	+20 35.5	1.500	2.178	24.2	20.9

332169 2006 AX_{4} 5 16.2 219°.26 10°.8/ 8.9 18

4 11	16 1.86	+15 55.4	2.434	3.202	13.3	20.8
4 21	15 55.48	+16 47.4	2.366	3.192	12.0	20.7
5 1	15 47.30	+17 22.4	2.320	3.181	11.0	20.6
5 11	15 37.95	+17 35.1	2.297	3.170	10.8	20.6
5 21	15 28.20	+17 22.0	2.299	3.158	11.4	20.6
5 31	15 18.87	+16 42.2	2.324	3.146	12.6	20.7
6 10	15 10.74	+15 37.7	2.371	3.133	14.1	20.8
6 20	15 4.33	+14 12.4	2.437	3.119	15.7	20.9

267427 2002 CS_{64} 5 16.2 347°.90 6°.4/19.4 17

4 11	16 1.50	−34 35.1	1.739	2.543	16.4	20.0
4 21	15 56.47	−35 18.6	1.659	2.541	13.4	19.8
5 1	15 48.52	−35 45.5	1.599	2.540	10.2	19.6
5 11	15 38.51	−35 52.1	1.563	2.540	7.4	19.4
5 21	15 27.66	−35 37.1	1.551	2.539	6.4	19.4
5 31	15 17.41	−35 3.0	1.566	2.538	8.2	19.5
6 10	15 9.05	−34 15.9	1.604	2.538	11.3	19.6
6 20	15 3.43	−33 23.5	1.664	2.538	14.5	19.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
387065 2012 TZ_{55}			5 16.2 209.°88		1.°7/15.0 17	
	h m	° ′			°	m
4 11	15 57.09	−15 28.1	2.530	3.366	10.9	21.8
4 21	15 51.93	−14 57.2	2.441	3.359	8.2	21.6
5 1	15 45.11	−14 22.7	2.377	3.352	5.1	21.4
5 11	15 37.20	−13 46.9	2.341	3.345	2.2	21.2
5 21	15 28.88	−13 12.4	2.333	3.337	2.7	21.2
5 31	15 20.91	−12 42.1	2.355	3.329	5.8	21.4
6 10	15 13.98	−12 18.8	2.404	3.320	8.9	21.6
6 20	15 8.60	−12 4.3	2.476	3.310	11.6	21.8
510874 2013 CS_{120}			5 16.2 184.°77		0.°6/16.6 17	
4 11	15 57.89	−21 16.4	2.668	3.492	10.7	21.7
4 21	15 52.51	−21 23.5	2.582	3.492	8.1	21.5
5 1	15 45.47	−21 25.4	2.520	3.491	5.2	21.4
5 11	15 37.32	−21 22.5	2.486	3.491	2.0	21.1
5 21	15 28.77	−21 15.6	2.481	3.490	1.6	21.1
5 31	15 20.55	−21 6.6	2.505	3.488	4.8	21.3
6 10	15 13.37	−20 57.7	2.557	3.487	7.8	21.5
6 20	15 7.74	−20 51.2	2.634	3.485	10.5	21.7
100272 1994 VX_{6}			5 16.2 265.°59		0.°8/15.7 18	
4 11	15 57.66	−16 49.8	2.772	3.601	10.2	19.8
4 21	15 52.41	−16 43.6	2.660	3.575	7.7	19.5
5 1	15 45.48	−16 34.2	2.573	3.548	4.9	19.3
5 11	15 37.37	−16 22.8	2.514	3.520	1.8	19.1
5 21	15 28.69	−16 10.8	2.485	3.492	2.0	19.0
5 31	15 20.19	−16 0.1	2.485	3.464	5.2	19.2
6 10	15 12.56	−15 52.8	2.513	3.435	8.3	19.4
6 20	15 6.37	−15 50.8	2.566	3.405	11.1	19.5
371709 2007 EF_{41}			5 16.2 105.°49		0.°9/15.8 17	
4 11	16 1.13	−17 38.5	1.876	2.717	13.9	21.6
4 21	15 55.29	−17 25.0	1.814	2.734	10.4	21.4
5 1	15 47.29	−17 6.6	1.775	2.751	6.4	21.2
5 11	15 37.95	−16 45.2	1.762	2.768	2.3	21.0
5 21	15 28.25	−16 23.3	1.777	2.784	2.5	21.0
5 31	15 19.23	−16 4.1	1.819	2.800	6.5	21.3
6 10	15 11.78	−15 50.6	1.887	2.815	10.2	21.6
6 20	15 6.46	−15 44.9	1.978	2.830	13.4	21.8
304644 2006 WU_{8}			5 16.2 95.°66		2.°6/14.8 18	
4 11	15 56.97	−11 26.4	2.312	3.154	11.6	20.4
4 21	15 51.88	−11 14.9	2.240	3.160	8.7	20.2
5 1	15 45.08	−11 3.8	2.192	3.167	5.6	20.1
5 11	15 37.18	−10 55.2	2.172	3.173	2.9	19.9
5 21	15 28.92	−10 51.2	2.179	3.179	3.4	19.9
5 31	15 21.10	−10 53.5	2.214	3.185	6.3	20.1
6 10	15 14.42	−11 3.5	2.276	3.191	9.4	20.3
6 20	15 9.39	−11 21.6	2.361	3.197	12.1	20.5
491611 2012 TX_{51}			5 16.2 204.°57		3.°6/20.8 18	
4 11	15 51.74	−39 33.4	4.677	5.418	7.7	20.9
4 21	15 47.46	−39 44.9	4.583	5.418	6.4	20.8
5 1	15 42.13	−39 47.2	4.513	5.417	5.2	20.7
5 11	15 36.13	−39 39.9	4.468	5.416	4.1	20.6
5 21	15 29.88	−39 23.2	4.452	5.415	3.6	20.6
5 31	15 23.86	−38 58.0	4.463	5.414	4.1	20.6
6 10	15 18.49	−38 26.2	4.502	5.413	5.2	20.7
6 20	15 14.13	−37 50.2	4.567	5.412	6.5	20.8
441357 2008 DF_{52}			5 16.2 161.°14		4.°4/13.1 18	
4 11	15 55.62	− 5 20.3	2.592	3.428	10.6	21.1
4 21	15 50.67	− 4 44.1	2.520	3.432	8.2	21.0
5 1	15 44.24	− 4 11.2	2.474	3.435	5.9	20.8
5 11	15 36.88	− 3 44.9	2.454	3.439	4.5	20.7
5 21	15 29.22	− 3 27.8	2.463	3.441	5.1	20.8
5 31	15 21.94	− 3 21.9	2.499	3.444	7.2	20.9
6 10	15 15.64	− 3 28.2	2.562	3.446	9.6	21.1
6 20	15 10.79	− 3 46.3	2.646	3.448	11.9	21.2
428240 2006 XS_{61}			5 16.2 244.°62		1.°0/15.7 17	
4 11	15 59.87	−18 7.6	1.912	2.754	13.6	22.0
4 21	15 54.67	−17 44.2	1.819	2.740	10.3	21.7
5 1	15 47.16	−17 14.2	1.748	2.725	6.5	21.5
5 11	15 38.01	−16 39.7	1.703	2.710	2.3	21.2
5 21	15 28.16	−16 3.5	1.686	2.694	2.6	21.2
5 31	15 18.70	−15 29.6	1.697	2.678	6.9	21.4
6 10	15 10.64	−15 2.1	1.733	2.661	11.0	21.6
6 20	15 4.70	−14 44.1	1.791	2.644	14.6	21.8
502224 2015 BK_{88}			5 16.2 179.°25		5.°3/13.1 17	
4 11	15 57.63	− 7 14.3	1.834	2.685	13.7	21.1
4 21	15 52.77	− 6 19.9	1.764	2.686	10.6	20.9
5 1	15 45.81	− 5 27.6	1.717	2.686	7.4	20.8
5 11	15 37.48	− 4 42.4	1.696	2.686	5.4	20.6
5 21	15 28.70	− 4 9.0	1.702	2.686	6.3	20.7
5 31	15 20.45	− 3 50.9	1.733	2.686	9.2	20.9
6 10	15 13.61	− 3 49.8	1.788	2.685	12.4	21.0
6 20	15 8.77	− 4 5.4	1.864	2.685	15.4	21.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
348456 2005 RF_{46}			5 16.2 149.°82		0.°3/16.4 17	
	h m	° ′			°	m
4 11	15 58.64	−19 27.6	2.538	3.365	11.1	21.2
4 21	15 53.12	−19 43.2	2.456	3.368	8.4	21.1
5 1	15 45.88	−19 54.9	2.399	3.372	5.3	20.9
5 11	15 37.49	−20 3.0	2.369	3.375	1.9	20.6
5 21	15 28.67	−20 8.1	2.368	3.377	1.6	20.6
5 31	15 20.22	−20 11.7	2.397	3.380	5.0	20.9
6 10	15 12.86	−20 15.7	2.453	3.383	8.1	21.1
6 20	15 7.12	−20 21.9	2.534	3.385	10.9	21.2
6222 1980 PB_{3}			5 16.2 39.°40		0.°3/16.3 18	
4 11	16 1.50	−17 40.7	2.099	2.933	12.9	16.3
4 21	15 55.59	−18 22.0	2.025	2.941	9.7	16.1
5 1	15 47.56	−19 1.4	1.975	2.950	6.1	15.9
5 11	15 38.11	−19 38.0	1.953	2.959	2.2	15.7
5 21	15 28.13	−20 11.6	1.959	2.968	1.9	15.7
5 31	15 18.62	−20 42.6	1.994	2.977	5.8	15.9
6 10	15 10.47	−21 12.2	2.055	2.987	9.3	16.2
6 20	15 4.32	−21 42.1	2.141	2.997	12.4	16.4
187918 2000 WD_{108}			5 16.2 140.°94		1.°1/16.9 18	
4 11	15 58.98	−22 54.3	2.937	3.751	10.1	21.2
4 21	15 53.15	−23 10.0	2.858	3.761	7.7	21.0
5 1	15 45.79	−23 20.2	2.804	3.771	5.0	20.8
5 11	15 37.44	−23 24.8	2.778	3.781	2.2	20.7
5 21	15 28.76	−23 24.4	2.783	3.790	1.7	20.6
5 31	15 20.43	−23 20.4	2.817	3.799	4.4	20.8
6 10	15 13.10	−23 14.8	2.879	3.808	7.1	21.0
6 20	15 7.23	−23 10.0	2.967	3.816	9.5	21.2
270447 2002 CE_{157}			5 16.3 6.°75		8.°2/12.8 17	
4 11	15 55.90	− 2 6.7	1.399	2.263	16.4	19.5
4 21	15 51.99	− 1 16.9	1.341	2.264	13.1	19.3
5 1	15 45.54	− 0 36.4	1.303	2.265	10.0	19.1
5 11	15 37.44	− 0 12.0	1.287	2.267	8.2	19.0
5 21	15 28.79	− 0 8.6	1.295	2.270	9.1	19.1
5 31	15 20.82	− 0 28.6	1.326	2.274	11.9	19.2
6 10	15 14.58	− 1 11.3	1.379	2.279	15.2	19.4
6 20	15 10.74	− 2 13.4	1.450	2.284	18.3	19.6
1519 Kajaani			5 16.3 268.°96		3.°7/18.4 18	
4 11	15 59.73	−30 42.1	2.578	3.375	11.8	17.0
4 21	15 54.32	−31 12.3	2.470	3.354	9.5	16.8
5 1	15 46.87	−31 32.8	2.385	3.333	6.9	16.6
5 11	15 37.93	−31 41.8	2.326	3.312	4.5	16.4
5 21	15 28.27	−31 38.7	2.295	3.290	3.9	16.3
5 31	15 18.81	−31 24.5	2.293	3.268	5.8	16.4
6 10	15 10.45	−31 2.4	2.317	3.246	8.6	16.6
6 20	15 3.89	−30 36.4	2.366	3.224	11.3	16.7
67509 2000 RU_{50}			5 16.3 178.°12		1.°6/16.9 18	
4 11	16 3.23	−23 32.1	1.763	2.594	15.0	19.4
4 21	15 57.36	−23 40.7	1.684	2.596	11.6	19.2
5 1	15 48.89	−23 39.8	1.626	2.597	7.5	19.0
5 11	15 38.63	−23 29.2	1.594	2.598	3.2	18.7
5 21	15 27.69	−23 9.9	1.589	2.598	2.5	18.7
5 31	15 17.35	−22 45.3	1.612	2.597	6.7	18.9
6 10	15 8.71	−22 19.9	1.660	2.596	10.8	19.2
6 20	15 2.53	−21 58.4	1.730	2.595	14.5	19.4
56270 1999 JD_{100}			5 16.3 281.°55		5.°8/12.4 18	
4 11	15 55.20	− 3 27.5	2.192	3.036	12.0	19.1
4 21	15 50.73	− 2 39.6	2.111	3.024	9.5	19.0
5 1	15 44.48	− 1 56.2	2.054	3.013	7.2	18.8
5 11	15 37.04	− 1 21.7	2.023	3.002	5.8	18.7
5 21	15 29.13	− 0 59.9	2.019	2.990	6.6	18.7
5 31	15 21.59	− 0 53.6	2.041	2.979	8.9	18.8
6 10	15 15.15	− 1 3.8	2.087	2.968	11.6	19.0
6 20	15 10.36	− 1 29.9	2.154	2.956	14.2	19.1
301569 2009 HY_{69}			5 16.3 269.°65		1.°7/14.9 18	
4 11	15 54.65	−17 19.5	2.262	3.105	11.7	21.2
4 21	15 50.28	−16 24.5	2.177	3.100	8.8	21.0
5 1	15 44.17	−15 23.0	2.116	3.094	5.5	20.8
5 11	15 36.91	−14 18.3	2.083	3.088	2.3	20.6
5 21	15 29.26	−13 14.5	2.078	3.082	2.9	20.6
5 31	15 22.03	−12 15.9	2.101	3.076	6.3	20.8
6 10	15 15.94	−11 26.6	2.151	3.071	9.6	21.0
6 20	15 11.51	−10 49.2	2.223	3.065	12.5	21.2
270 Anahita			5 16.3 276.°45		0.°6/16.6 18	
4 11	16 0.17	−22 27.5	1.410	2.262	17.0	12.2
4 21	15 55.80	−22 10.9	1.320	2.245	13.1	11.9
5 1	15 48.32	−21 41.7	1.251	2.228	8.4	11.6
5 11	15 38.55	−21 0.8	1.205	2.211	3.2	11.2
5 21	15 27.72	−20 11.2	1.184	2.193	2.6	11.1
5 31	15 17.38	−19 18.5	1.188	2.176	8.2	11.4
6 10	15 8.96	−18 30.0	1.215	2.158	13.4	11.6
6 20	15 3.41	−17 51.7	1.263	2.140	17.9	11.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
488984 2005 UP_{359}			5 16.3 247°.13		2°.2/14.2 16	
	h m	° ′			°	m
4 11	15 54.72	−15 3.4	2.686	3.524	10.2	22.5
4 21	15 50.10	−14 0.8	2.591	3.510	7.7	22.3
5 1	15 43.97	−12 53.3	2.521	3.496	4.9	22.1
5 11	15 36.84	−11 44.0	2.479	3.481	2.5	22.0
5 21	15 29.34	−10 36.7	2.467	3.466	3.2	22.0
5 31	15 22.15	− 9 35.4	2.484	3.451	6.0	22.1
6 10	15 15.90	− 8 43.5	2.529	3.435	8.9	22.3
6 20	15 11.06	− 8 3.4	2.597	3.419	11.5	22.4
168797 2000 SS_{79}			5 16.3 212°.73		3°.0/17.6 16	
4 11	16 4.46	−26 51.2	1.873	2.691	14.8	21.4
4 21	15 58.38	−27 12.0	1.782	2.684	11.6	21.2
5 1	15 49.62	−27 21.9	1.714	2.677	7.9	21.0
5 11	15 38.94	−27 19.2	1.671	2.669	4.2	20.7
5 21	15 27.43	−27 3.8	1.656	2.660	3.4	20.6
5 31	15 16.38	−26 38.4	1.668	2.651	6.8	20.8
6 10	15 6.98	−26 7.9	1.706	2.641	10.7	21.0
6 20	15 0.05	−25 37.6	1.766	2.630	14.3	21.2
505605 2014 DV_{95}			5 16.3 134°.86		3°.7/18.8 17	
4 11	15 59.17	−31 47.4	2.455	3.251	12.4	21.8
4 21	15 53.73	−31 59.2	2.374	3.258	9.9	21.7
5 1	15 46.34	−31 58.7	2.317	3.265	7.1	21.5
5 11	15 37.70	−31 45.0	2.286	3.272	4.6	21.4
5 21	15 28.63	−31 18.7	2.283	3.279	3.8	21.3
5 31	15 20.04	−30 42.4	2.307	3.285	5.6	21.4
6 10	15 12.76	−30 0.3	2.359	3.291	8.3	21.6
6 20	15 7.33	−29 17.0	2.434	3.297	10.9	21.8
457376 2008 TO_{29}			5 16.3 164°.71		2°.5/17.3 16	
4 11	16 5.10	−25 14.1	1.587	2.418	16.4	22.1
4 21	15 59.07	−25 30.8	1.511	2.422	12.7	21.9
5 1	15 50.10	−25 36.2	1.457	2.426	8.5	21.6
5 11	15 39.10	−25 28.8	1.427	2.429	4.1	21.4
5 21	15 27.35	−25 9.6	1.424	2.431	3.1	21.3
5 31	15 16.29	−24 42.0	1.448	2.433	7.3	21.6
6 10	15 7.22	−24 11.6	1.496	2.435	11.6	21.8
6 20	15 0.92	−23 44.0	1.566	2.436	15.5	22.1
243881 2000 YP_{33}			5 16.3 166°.22		11°.0/24.3 18	
4 11	16 17.71	−49 31.8	1.534	2.258	21.5	20.4
4 21	16 9.44	−49 29.3	1.453	2.264	18.8	20.2
5 1	15 56.79	−48 50.4	1.389	2.270	15.8	20.1
5 11	15 41.39	−47 27.2	1.344	2.275	12.9	19.9
5 21	15 25.46	−45 18.2	1.324	2.278	11.1	19.8
5 31	15 11.34	−42 31.5	1.329	2.281	11.5	19.8
6 10	15 0.69	−39 23.7	1.360	2.282	13.8	20.0
6 20	14 54.17	−36 13.0	1.415	2.282	16.9	20.1
36439 2000 PT_{26}			5 16.3 175°.36		0°.7/15.7 18	R
4 11	15 58.46	−20 4.9	2.295	3.127	12.0	18.8
4 21	15 53.07	−19 19.1	2.213	3.129	9.0	18.6
5 1	15 45.88	−18 25.4	2.156	3.131	5.6	18.4
5 11	15 37.53	−17 26.4	2.127	3.133	1.9	18.2
5 21	15 28.81	−16 25.6	2.126	3.134	2.1	18.2
5 31	15 20.58	−15 27.3	2.155	3.134	5.8	18.4
6 10	15 13.60	−14 35.6	2.210	3.134	9.2	18.6
6 20	15 8.37	−13 53.7	2.289	3.133	12.2	18.8
275238 2009 WZ_{260}			5 16.3 282°.47		2°.2/17.4 17	
4 11	16 0.56	−25 49.2	1.863	2.691	14.5	20.4
4 21	15 55.66	−25 51.0	1.752	2.661	11.4	20.1
5 1	15 48.08	−25 41.4	1.662	2.630	7.7	19.9
5 11	15 38.48	−25 19.3	1.598	2.599	3.7	19.5
5 21	15 27.83	−24 45.5	1.560	2.567	2.8	19.4
5 31	15 17.39	−24 3.1	1.549	2.535	6.9	19.6
6 10	15 8.39	−23 17.5	1.564	2.502	11.2	19.8
6 20	15 1.74	−22 34.7	1.601	2.470	15.2	19.9
165336 2000 VS_{15}			5 16.3 281°.99		1°.6/15.6 18	
4 11	16 0.42	−16 23.7	1.486	2.342	16.0	19.9
4 21	15 55.83	−16 11.6	1.393	2.322	12.3	19.6
5 1	15 48.30	−15 54.6	1.322	2.301	7.8	19.3
5 11	15 38.57	−15 34.7	1.275	2.281	3.0	18.9
5 21	15 27.77	−15 14.8	1.252	2.260	3.4	18.9
5 31	15 17.33	−14 58.9	1.256	2.239	8.5	19.1
6 10	15 8.60	−14 51.4	1.283	2.218	13.5	19.3
6 20	15 2.55	−14 55.0	1.330	2.197	17.8	19.6
133945 2004 TF_{69}			5 16.3 144°.14		0°.2/16.3 18	
4 11	16 4.50	−19 47.0	1.703	2.541	15.2	21.0
4 21	15 58.24	−19 52.1	1.632	2.550	11.5	20.8
5 1	15 49.39	−19 50.8	1.584	2.559	7.3	20.6
5 11	15 38.81	−19 43.4	1.561	2.567	2.6	20.3
5 21	15 27.66	−19 31.7	1.566	2.575	2.2	20.3
5 31	15 17.20	−19 18.6	1.597	2.582	6.9	20.6
6 10	15 8.51	−19 7.9	1.655	2.588	11.1	20.8
6 20	15 2.31	−19 2.8	1.734	2.594	14.7	21.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
393174 2013 CD_{66}			5 16.3 277°.06		7°.8/ 9.5 18	
	h m	° ′			°	m
4 11	15 54.18	+ 3 37.2	2.420	3.247	11.6	20.5
4 21	15 49.86	+ 4 51.4	2.338	3.228	9.7	20.3
5 1	15 43.91	+ 5 58.2	2.280	3.208	8.3	20.2
5 11	15 36.87	+ 6 52.1	2.247	3.189	7.8	20.1
5 21	15 29.38	+ 7 28.6	2.241	3.169	8.7	20.1
5 31	15 22.17	+ 7 44.8	2.259	3.149	10.4	20.2
6 10	15 15.94	+ 7 39.9	2.300	3.129	12.5	20.3
6 20	15 11.19	+ 7 15.0	2.361	3.109	14.6	20.4
134545 1999 RP_{124}			5 16.3 288°.38		0°.2/16.2 18	
4 11	15 58.02	−21 47.5	1.484	2.338	16.2	20.0
4 21	15 53.91	−21 11.4	1.397	2.324	12.4	19.7
5 1	15 46.98	−20 22.3	1.332	2.310	7.9	19.4
5 11	15 38.06	−19 22.4	1.290	2.297	2.8	19.0
5 21	15 28.29	−18 16.2	1.274	2.283	2.6	19.0
5 31	15 19.07	−17 10.3	1.283	2.270	7.9	19.3
6 10	15 11.63	−16 11.9	1.316	2.256	12.8	19.5
6 20	15 6.83	−15 26.5	1.369	2.243	17.0	19.7
309054 2006 UY_{273}			5 16.3 232°.10		0°.8/16.8 18	
4 11	15 57.49	−22 38.8	2.654	3.476	10.8	21.9
4 21	15 52.33	−22 36.3	2.557	3.465	8.3	21.7
5 1	15 45.45	−22 27.2	2.484	3.454	5.3	21.5
5 11	15 37.42	−22 12.0	2.438	3.442	2.1	21.3
5 21	15 28.90	−21 51.8	2.421	3.430	1.7	21.2
5 31	15 20.67	−21 28.9	2.434	3.418	4.9	21.4
6 10	15 13.46	−21 6.2	2.474	3.405	8.0	21.6
6 20	15 7.82	−20 46.4	2.538	3.392	10.8	21.8
422675 1999 VS_{130}			5 16.3 130°.63		1°.3/16.9 17	
4 11	16 1.41	−22 49.5	2.210	3.033	12.7	21.9
4 21	15 55.44	−23 5.5	2.135	3.044	9.7	21.7
5 1	15 47.44	−23 14.4	2.084	3.054	6.2	21.5
5 11	15 38.10	−23 16.2	2.061	3.064	2.7	21.3
5 21	15 28.32	−23 11.6	2.065	3.073	2.1	21.3
5 31	15 19.04	−23 2.5	2.098	3.082	5.5	21.5
6 10	15 11.12	−22 52.2	2.158	3.091	8.9	21.7
6 20	15 5.16	−22 43.5	2.242	3.099	11.9	21.9
73369 2002 KE_{11}			5 16.3 316°.69		2°.1/17.5 18	
4 11	15 54.82	−27 29.6	1.526	2.372	16.3	18.7
4 21	15 51.70	−26 55.0	1.422	2.341	12.8	18.4
5 1	15 45.74	−26 0.7	1.339	2.311	8.6	18.0
5 11	15 37.68	−24 46.9	1.279	2.282	4.0	17.7
5 21	15 28.62	−23 16.9	1.244	2.253	2.8	17.5
5 31	15 19.93	−21 37.9	1.234	2.224	7.6	17.7
6 10	15 12.96	−19 59.6	1.249	2.197	12.6	17.9
6 20	15 8.61	−18 30.8	1.284	2.170	17.2	18.1
440857 2006 SC_{260}			5 16.3 314°.44		0°.7/16.7 17	
4 11	15 56.35	−22 14.2	2.022	2.860	13.1	21.4
4 21	15 51.91	−22 3.9	1.936	2.854	10.0	21.2
5 1	15 45.37	−21 45.2	1.874	2.848	6.4	20.9
5 11	15 37.42	−21 19.2	1.837	2.843	2.4	20.7
5 21	15 28.93	−20 48.0	1.828	2.837	1.9	20.6
5 31	15 20.87	−20 14.9	1.846	2.832	5.9	20.9
6 10	15 14.14	−19 44.0	1.890	2.827	9.7	21.1
6 20	15 9.38	−19 18.9	1.956	2.822	13.0	21.3
504715 2009 SG_{351}			5 16.3 304°.78		0°.1/16.3 17	
4 11	16 0.63	−18 48.5	1.693	2.538	14.9	21.5
4 21	15 55.47	−18 59.2	1.614	2.537	11.3	21.3
5 1	15 47.76	−19 5.0	1.558	2.535	7.1	21.0
5 11	15 38.30	−19 6.3	1.527	2.534	2.5	20.7
5 21	15 28.14	−19 4.4	1.523	2.532	2.3	20.7
5 31	15 18.50	−19 1.8	1.546	2.531	6.9	21.0
6 10	15 10.51	−19 1.6	1.593	2.530	11.2	21.2
6 20	15 4.90	−19 6.7	1.662	2.528	14.9	21.4
341300 2007 RX_{317}			5 16.3 259°.05		1°.6/15.1 16	
4 11	15 56.53	−17 49.0	2.170	3.011	12.2	21.3
4 21	15 51.88	−16 55.0	2.074	2.996	9.2	21.1
5 1	15 45.29	−15 53.4	2.003	2.980	5.8	20.8
5 11	15 37.39	−14 47.1	1.958	2.964	2.3	20.6
5 21	15 28.96	−13 40.3	1.942	2.947	2.9	20.6
5 31	15 20.91	−12 38.0	1.954	2.930	6.6	20.8
6 10	15 14.04	−11 44.6	1.993	2.913	10.2	21.0
6 20	15 8.97	−11 3.4	2.054	2.896	13.4	21.1
153521 2001 SV_{36}			5 16.3 202°.33		1°.3/15.4 17	
4 11	15 59.55	−17 1.3	2.382	3.214	11.6	22.1
4 21	15 53.92	−16 31.7	2.293	3.209	8.7	21.9
5 1	15 46.45	−15 57.4	2.228	3.203	5.5	21.7
5 11	15 37.77	−15 20.2	2.191	3.196	2.1	21.5
5 21	15 28.63	−14 42.9	2.183	3.189	2.5	21.5
5 31	15 19.89	−14 8.7	2.204	3.181	5.9	21.7
6 10	15 12.29	−13 40.8	2.253	3.172	9.3	21.9
6 20	15 6.41	−13 21.5	2.325	3.162	12.2	22.1

119484 2001 UT_{50} 5 16.3 143°.34 2°.4/15.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 2.33	−11 56.5	2.053	2.890	13.0	19.7
4 21	15 56.13	−11 56.1	1.981	2.898	9.8	19.5
5 1	15 47.87	−11 56.1	1.933	2.907	6.3	19.3
5 11	15 38.27	−11 58.3	1.912	2.915	3.0	19.1
5 21	15 28.22	−12 4.4	1.920	2.922	3.4	19.2
5 31	15 18.70	−12 16.0	1.956	2.929	6.8	19.4
6 10	15 10.58	−12 34.4	2.018	2.935	10.3	19.6
6 20	15 4.45	−13 0.1	2.103	2.941	13.3	19.8

145352 2005 MF_{21} 5 16.3 199°.44 3°.8/13.4 18

4 11	15 55.32	− 7 42.7	2.638	3.476	10.4	20.5
4 21	15 50.51	− 7 3.3	2.558	3.474	8.0	20.3
5 1	15 44.22	− 6 25.3	2.504	3.471	5.5	20.1
5 11	15 36.97	− 5 51.9	2.477	3.467	3.9	20.0
5 21	15 29.38	− 5 25.9	2.479	3.464	4.5	20.1
5 31	15 22.14	− 5 9.8	2.508	3.460	6.8	20.2
6 10	15 15.84	− 5 4.9	2.564	3.456	9.3	20.4
6 20	15 10.96	− 5 11.5	2.642	3.451	11.7	20.5

188719 2005 TP_{183} 5 16.3 242°.61 8°.7/10.3 18

4 11	15 57.53	+ 2 6.6	1.931	2.767	13.7	20.9
4 21	15 52.70	+ 3 27.3	1.858	2.756	11.4	20.7
5 1	15 45.83	+ 4 39.7	1.807	2.745	9.5	20.6
5 11	15 37.59	+ 5 37.1	1.782	2.734	8.7	20.5
5 21	15 28.82	+ 6 13.8	1.781	2.722	9.7	20.6
5 31	15 20.47	+ 6 26.3	1.805	2.710	11.9	20.7
6 10	15 13.43	+ 6 14.2	1.851	2.698	14.4	20.8
6 20	15 8.29	+ 5 39.5	1.916	2.685	16.9	21.0

140984 2001 WN_{11} 5 16.3 98°.17 1°.4/15.3 18

4 11	15 56.07	−16 44.3	2.287	3.128	11.7	20.3
4 21	15 51.25	−16 12.7	2.217	3.139	8.7	20.1
5 1	15 44.72	−15 36.9	2.172	3.149	5.4	19.9
5 11	15 37.14	−14 59.4	2.154	3.159	2.1	19.7
5 21	15 29.25	−14 23.0	2.163	3.169	2.5	19.8
5 31	15 21.85	−13 51.0	2.202	3.179	5.8	20.0
6 10	15 15.63	−13 26.0	2.266	3.189	9.0	20.2
6 20	15 11.07	−13 10.1	2.353	3.198	11.8	20.4

393470 2002 CR_{85} 5 16.3 73°.24 3°.0/14.4 17

4 11	15 56.90	−10 50.5	2.239	3.083	11.8	21.4
4 21	15 51.76	−10 22.7	2.184	3.105	8.9	21.3
5 1	15 44.98	− 9 55.6	2.154	3.127	5.8	21.1
5 11	15 37.21	− 9 31.8	2.150	3.149	3.3	21.0
5 21	15 29.22	− 9 14.0	2.174	3.170	3.9	21.1
5 31	15 21.78	− 9 4.5	2.226	3.192	6.6	21.3
6 10	15 15.55	− 9 4.5	2.303	3.213	9.5	21.5
6 20	15 10.99	− 9 14.5	2.404	3.235	12.1	21.7

178942 2001 QK_{103} 5 16.3 341°.12 10°.0/12.3 17

4 11	15 51.99	− 2 3.2	1.075	1.960	18.6	19.3
4 21	15 49.93	− 1 2.6	1.007	1.942	15.1	19.0
5 1	15 44.77	− 0 11.5	0.956	1.924	11.8	18.7
5 11	15 37.37	+ 0 20.2	0.926	1.909	10.0	18.6
5 21	15 28.98	+ 0 24.6	0.916	1.895	11.2	18.6
5 31	15 21.15	− 0 3.1	0.926	1.883	14.6	18.7
6 10	15 15.31	− 1 2.1	0.954	1.873	18.6	18.9
6 20	15 12.37	− 2 27.9	0.999	1.864	22.5	19.1

248250 2005 GS_{20} 5 16.3 253°.31 1°.3/16.9 18

4 11	15 59.34	−22 43.5	2.258	3.084	12.3	20.9
4 21	15 54.06	−22 58.5	2.164	3.074	9.5	20.6
5 1	15 46.72	−23 7.1	2.092	3.063	6.2	20.4
5 11	15 37.93	−23 8.9	2.048	3.051	2.6	20.2
5 21	15 28.51	−23 4.6	2.032	3.040	2.0	20.1
5 31	15 19.40	−22 55.9	2.044	3.028	5.6	20.3
6 10	15 11.50	−22 45.8	2.083	3.017	9.1	20.5
6 20	15 5.47	−22 37.3	2.145	3.005	12.3	20.7

68396 2001 QZ_{75} 5 16.3 180°.40 3°.3/18.2 18

4 11	16 2.89	−29 11.9	2.251	3.055	13.1	20.0
4 21	15 56.75	−29 32.4	2.165	3.056	10.4	19.8
5 1	15 48.38	−29 41.9	2.102	3.057	7.3	19.6
5 11	15 38.50	−29 38.8	2.065	3.057	4.3	19.4
5 21	15 28.04	−29 23.3	2.056	3.057	3.5	19.3
5 31	15 18.04	−28 57.7	2.076	3.056	5.9	19.5
6 10	15 9.45	−28 26.2	2.122	3.054	9.1	19.7
6 20	15 2.94	−27 53.3	2.193	3.052	12.1	19.9

509848 2008 YQ_{96} 5 16.3 225°.10 3°.3/18.7 18

4 11	16 0.45	−31 31.2	2.724	3.513	11.5	23.4
4 21	15 54.66	−31 34.1	2.619	3.500	9.2	23.2
5 1	15 46.98	−31 25.4	2.538	3.486	6.6	23.0
5 11	15 38.00	−31 4.1	2.484	3.472	4.2	22.9
5 21	15 28.49	−30 30.7	2.459	3.456	3.4	22.8
5 31	15 19.30	−29 47.5	2.463	3.440	5.3	22.9
6 10	15 11.24	−28 58.5	2.494	3.424	8.0	23.0
6 20	15 4.91	−28 8.1	2.551	3.407	10.7	23.2

343629 2010 HA_{78} 5 16.3 148°.67 1°.2/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 0.26	−22 24.1	2.280	3.104	12.3	21.1
4 21	15 54.59	−22 39.7	2.200	3.109	9.4	20.9
5 1	15 46.94	−22 49.0	2.144	3.114	6.0	20.7
5 11	15 37.98	−22 51.6	2.115	3.119	2.5	20.5
5 21	15 28.54	−22 48.5	2.115	3.123	1.9	20.4
5 31	15 19.53	−22 41.4	2.143	3.127	5.4	20.7
6 10	15 11.80	−22 33.3	2.198	3.131	8.8	20.9
6 20	15 5.93	−22 26.8	2.277	3.134	11.7	21.1

137720 1999 XU_{102} 5 16.3 102°.28 0°.1/16.2 18

4 11	16 2.38	−19 49.0	1.702	2.543	15.0	20.1
4 21	15 56.52	−19 41.8	1.640	2.560	11.3	19.9
5 1	15 48.24	−19 27.6	1.600	2.576	7.1	19.7
5 11	15 38.43	−19 7.7	1.586	2.592	2.5	19.4
5 21	15 28.19	−18 44.6	1.599	2.608	2.2	19.5
5 31	15 18.70	−18 21.7	1.639	2.623	6.7	19.8
6 10	15 10.98	−18 3.1	1.704	2.638	10.8	20.0
6 20	15 5.62	−17 51.8	1.791	2.652	14.2	20.3

475818 2007 AS_{9} 5 16.3 129°.10 2°.3/18.1 18

4 11	15 57.27	−28 37.6	2.737	3.542	11.0	21.4
4 21	15 52.04	−28 34.0	2.659	3.552	8.6	21.3
5 1	15 45.19	−28 20.4	2.604	3.562	5.9	21.1
5 11	15 37.33	−27 57.1	2.577	3.572	3.3	20.9
5 21	15 29.14	−27 25.3	2.578	3.581	2.5	20.9
5 31	15 21.40	−26 47.6	2.608	3.590	4.7	21.1
6 10	15 14.77	−26 7.4	2.666	3.599	7.4	21.2
6 20	15 9.71	−25 28.4	2.748	3.608	9.9	21.4

212347 2005 UX_{121} 5 16.3 343°.58 0°.8/16.7 16

4 11	15 54.82	−21 47.1	1.765	2.615	14.2	20.1
4 21	15 51.09	−21 48.2	1.682	2.605	10.9	19.9
5 1	15 45.04	−21 41.3	1.620	2.596	7.0	19.6
5 11	15 37.38	−21 27.1	1.583	2.588	2.7	19.3
5 21	15 29.06	−21 7.3	1.572	2.581	2.1	19.3
5 31	15 21.18	−20 45.3	1.587	2.575	6.5	19.5
6 10	15 14.77	−20 25.0	1.626	2.569	10.6	19.8
6 20	15 10.51	−20 10.0	1.687	2.564	14.2	20.0

32958 1996 HU_{24} 5 16.3 161°.31 0°.1/16.3 18

4 11	16 3.89	−18 54.6	1.586	2.430	15.8	19.2
4 21	15 58.05	−19 3.7	1.512	2.434	12.0	19.0
5 1	15 49.44	−19 7.3	1.460	2.437	7.6	18.7
5 11	15 38.93	−19 5.7	1.433	2.439	2.7	18.4
5 21	15 27.70	−19 0.4	1.432	2.442	2.4	18.4
5 31	15 17.12	−18 54.2	1.459	2.443	7.3	18.7
6 10	15 8.39	−18 50.8	1.509	2.445	11.8	19.0
6 20	15 2.26	−18 53.1	1.582	2.446	15.6	19.2

72215 2001 AJ_{4} 5 16.3 153°.68 4°.5/13.9 18

4 11	16 0.70	− 9 30.6	1.737	2.586	14.4	19.7
4 21	15 55.20	− 8 46.2	1.669	2.592	11.0	19.5
5 1	15 47.41	− 8 2.6	1.625	2.597	7.4	19.3
5 11	15 38.16	− 7 24.2	1.606	2.602	4.7	19.1
5 21	15 28.43	− 6 55.3	1.614	2.606	5.5	19.2
5 31	15 19.33	− 6 39.4	1.648	2.610	8.8	19.4
6 10	15 11.80	− 6 38.6	1.706	2.614	12.4	19.6
6 20	15 6.46	− 6 52.9	1.786	2.617	15.6	19.8

506681 2006 SE_{408} 5 16.3 129°.45 1°.1/15.3 17

4 11	15 55.78	−17 24.7	2.759	3.591	10.2	22.7
4 21	15 50.75	−16 46.3	2.687	3.604	7.6	22.6
5 1	15 44.30	−16 3.7	2.642	3.617	4.7	22.4
5 11	15 37.00	−15 19.0	2.624	3.629	1.8	22.2
5 21	15 29.47	−14 35.0	2.636	3.641	2.1	22.3
5 31	15 22.36	−13 54.6	2.677	3.653	5.0	22.5
6 10	15 16.25	−13 20.4	2.745	3.664	7.8	22.7
6 20	15 11.55	−12 54.4	2.838	3.674	10.3	22.8

199747 2006 JX_{13} 5 16.3 30°.47 3°.6/13.9 17

4 11	15 55.46	−13 12.8	1.732	2.591	14.0	20.0
4 21	15 51.29	−12 9.0	1.665	2.595	10.6	19.7
5 1	15 44.97	−11 1.6	1.621	2.599	6.8	19.5
5 11	15 37.30	− 9 55.7	1.603	2.603	3.9	19.4
5 21	15 29.20	− 8 56.7	1.610	2.608	4.8	19.4
5 31	15 21.70	− 8 9.7	1.644	2.613	8.3	19.6
6 10	15 15.67	− 7 38.1	1.702	2.618	11.9	19.9
6 20	15 11.69	− 7 23.3	1.781	2.623	15.1	20.1

511354 2014 FV_{2} 5 16.3 263°.87 1°.9/15.2 17

4 11	15 57.82	−13 27.6	2.244	3.085	11.9	21.1
4 21	15 52.78	−13 22.4	2.155	3.076	9.0	20.9
5 1	15 45.85	−13 16.4	2.091	3.067	5.7	20.7
5 11	15 37.62	−13 11.2	2.054	3.058	2.5	20.5
5 21	15 28.87	−13 8.6	2.044	3.048	3.0	20.5
5 31	15 20.45	−13 10.8	2.063	3.039	6.3	20.7
6 10	15 13.17	−13 19.3	2.108	3.029	9.7	20.9
6 20	15 7.63	−13 35.3	2.176	3.020	12.7	21.0

175898 1999 XL_{185} 5 16.3 129.°77 3.°4/18.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 3.91	−29 38.5	1.941	2.750	14.7	21.1
4 21	15 57.63	−29 44.2	1.870	2.765	11.6	20.9
5 1	15 48.93	−29 35.9	1.822	2.779	8.0	20.7
5 11	15 38.69	−29 12.8	1.799	2.792	4.6	20.5
5 21	15 27.98	−28 36.2	1.803	2.805	3.6	20.5
5 31	15 18.01	−27 50.0	1.835	2.817	6.3	20.7
6 10	15 9.75	−26 59.8	1.893	2.829	9.8	20.9
6 20	15 3.86	−26 11.4	1.975	2.840	12.9	21.1

500395 2012 TT_{91} 5 16.3 131.°27 0.°7/15.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 58.14	−17 59.2	2.131	2.970	12.5	21.8
4 21	15 53.02	−17 47.2	2.055	2.975	9.4	21.6
5 1	15 45.96	−17 30.5	2.003	2.980	5.8	21.3
5 11	15 37.64	−17 10.7	1.978	2.984	2.1	21.1
5 21	15 28.89	−16 49.9	1.981	2.989	2.2	21.1
5 31	15 20.63	−16 31.0	2.012	2.993	5.9	21.4
6 10	15 13.66	−16 16.9	2.069	2.998	9.4	21.6
6 20	15 8.54	−16 9.6	2.149	3.002	12.5	21.8

259542 2003 UW_{86} 5 16.3 190.°67 3.°3/14.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 0.71	−12 1.9	1.903	2.748	13.6	21.4
4 21	15 55.13	−11 24.1	1.825	2.747	10.3	21.2
5 1	15 47.37	−10 44.7	1.771	2.745	6.7	20.9
5 11	15 38.16	−10 7.2	1.743	2.743	3.7	20.7
5 21	15 28.42	− 9 35.4	1.742	2.740	4.4	20.8
5 31	15 19.20	− 9 12.9	1.769	2.737	7.9	21.0
6 10	15 11.41	− 9 2.4	1.821	2.733	11.5	21.2
6 20	15 5.69	− 9 4.9	1.895	2.728	14.7	21.4

79339 1996 TG_{41} 5 16.3 215.°16 0.°4/16.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 3.67	−20 53.0	1.475	2.321	16.7	20.0
4 21	15 58.22	−20 50.3	1.394	2.316	12.8	19.7
5 1	15 49.73	−20 38.5	1.335	2.311	8.1	19.4
5 11	15 39.09	−20 18.4	1.299	2.305	3.0	19.1
5 21	15 27.56	−19 52.1	1.290	2.299	2.5	19.0
5 31	15 16.65	−19 23.7	1.306	2.292	7.8	19.3
6 10	15 7.69	−18 58.7	1.347	2.285	12.7	19.6
6 20	15 1.55	−18 41.5	1.408	2.278	16.9	19.8

475481 2006 SR_{185} 5 16.3 262.°04 2.°4/14.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 55.15	−14 37.2	2.264	3.109	11.7	21.9
4 21	15 50.73	−13 46.8	2.176	3.099	8.8	21.7
5 1	15 44.53	−12 52.1	2.112	3.088	5.6	21.5
5 11	15 37.15	−11 56.3	2.075	3.077	2.8	21.3
5 21	15 29.33	−11 3.4	2.066	3.067	3.5	21.3
5 31	15 21.88	−10 17.3	2.085	3.056	6.7	21.5
6 10	15 15.53	− 9 41.4	2.130	3.044	9.9	21.7
6 20	15 10.85	− 9 17.7	2.198	3.033	12.9	21.9

318588 2005 GK_{227} 5 16.3 11.°66 1.°2/16.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 59.75	−20 4.2	1.182	2.049	18.6	20.3
4 21	15 55.72	−20 39.4	1.119	2.051	14.2	20.0
5 1	15 48.35	−21 8.5	1.074	2.054	9.1	19.7
5 11	15 38.63	−21 30.5	1.052	2.058	3.5	19.4
5 21	15 28.01	−21 45.5	1.053	2.063	2.8	19.4
5 31	15 18.17	−21 55.6	1.078	2.069	8.3	19.7
6 10	15 10.61	−22 4.9	1.125	2.076	13.4	20.0
6 20	15 6.20	−22 17.1	1.191	2.083	17.8	20.3

504674 2009 CP_{52} 5 16.3 117.°15 6.°1/20.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 2.11	−38 34.0	2.342	3.108	13.8	22.0
4 21	15 56.22	−39 2.6	2.266	3.119	11.5	21.9
5 1	15 48.05	−39 14.8	2.212	3.130	9.0	21.7
5 11	15 38.40	−39 8.2	2.182	3.141	6.9	21.6
5 21	15 28.25	−38 42.4	2.178	3.152	6.1	21.6
5 31	15 18.70	−38 0.1	2.201	3.162	7.1	21.6
6 10	15 10.71	−37 6.2	2.251	3.172	9.2	21.8
6 20	15 4.90	−36 6.9	2.324	3.181	11.5	22.0

190679 2001 BE_{73} 5 16.3 184.°67 5.°9/12.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 57.55	− 2 25.5	2.357	3.191	11.6	20.6
4 21	15 52.31	− 1 29.5	2.285	3.191	9.3	20.4
5 1	15 45.41	− 0 38.3	2.238	3.191	7.0	20.3
5 11	15 37.44	+ 0 3.5	2.218	3.190	5.9	20.2
5 21	15 29.11	+ 0 32.2	2.225	3.188	6.7	20.3
5 31	15 21.20	+ 0 45.4	2.259	3.187	8.7	20.4
6 10	15 14.39	+ 0 42.1	2.317	3.184	11.2	20.5
6 20	15 9.18	+ 0 23.1	2.398	3.181	13.5	20.7

235883 2005 CV_{8} 5 16.3 141.°65 1.°0/15.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 59.22	−16 52.9	2.351	3.184	11.7	21.7
4 21	15 53.60	−16 39.6	2.278	3.194	8.8	21.5
5 1	15 46.22	−16 22.8	2.229	3.204	5.4	21.3
5 11	15 37.72	−16 3.9	2.207	3.213	2.0	21.1
5 21	15 28.87	−15 45.0	2.215	3.222	2.2	21.1
5 31	15 20.49	−15 28.5	2.251	3.230	5.6	21.4
6 10	15 13.32	−15 16.9	2.314	3.238	8.8	21.6
6 20	15 7.86	−15 12.0	2.401	3.245	11.6	21.8

251915 1999 VJ_{155} 5 16.3 213.°07 0.°6/16.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 55.82	−22 49.2	2.993	3.812	9.8	22.4
4 21	15 50.88	−22 35.3	2.898	3.805	7.5	22.3
5 1	15 44.47	−22 14.9	2.828	3.798	4.8	22.1
5 11	15 37.11	−21 48.8	2.786	3.791	1.9	21.8
5 21	15 29.39	−21 18.5	2.774	3.783	1.4	21.8
5 31	15 21.96	−20 46.4	2.791	3.774	4.4	22.0
6 10	15 15.43	−20 15.1	2.836	3.765	7.2	22.2
6 20	15 10.26	−19 47.3	2.906	3.756	9.7	22.3

40062 1998 KP_{49} 5 16.3 307.°71 9.°5/12.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 59.03	+ 4 1.4	1.695	2.532	15.3	18.7
4 21	15 54.18	+ 4 42.6	1.619	2.517	12.8	18.5
5 1	15 46.95	+ 5 10.5	1.564	2.503	10.6	18.3
5 11	15 38.08	+ 5 18.7	1.532	2.488	9.5	18.2
5 21	15 28.52	+ 5 2.7	1.524	2.474	10.3	18.2
5 31	15 19.41	+ 4 20.8	1.540	2.460	12.5	18.3
6 10	15 11.77	+ 3 14.4	1.578	2.447	15.3	18.5
6 20	15 6.32	+ 1 47.5	1.635	2.434	18.1	18.6

470380 2007 TU_{258} 5 16.3 241.°64 3.°7/18.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 0.95	−30 4.6	2.368	3.169	12.6	22.0
4 21	15 55.38	−30 30.3	2.269	3.157	10.1	21.8
5 1	15 47.62	−30 45.4	2.192	3.144	7.2	21.6
5 11	15 38.31	−30 48.2	2.141	3.130	4.5	21.4
5 21	15 28.30	−30 38.4	2.119	3.116	3.8	21.4
5 31	15 18.59	−30 17.6	2.124	3.102	6.0	21.5
6 10	15 10.14	−29 49.5	2.156	3.088	9.0	21.6
6 20	15 3.65	−29 18.6	2.213	3.073	11.9	21.8

455965 2005 VU_{107} 5 16.3 215.°70 1.°9/17.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 2.65	−25 19.5	1.510	2.348	16.8	22.2
4 21	15 57.44	−25 11.0	1.428	2.344	13.0	22.0
5 1	15 49.23	−24 48.5	1.368	2.339	8.6	21.7
5 11	15 38.92	−24 12.1	1.331	2.334	3.8	21.4
5 21	15 27.79	−23 24.0	1.320	2.329	2.8	21.3
5 31	15 17.31	−22 29.6	1.335	2.323	7.5	21.6
6 10	15 8.80	−21 35.9	1.374	2.316	12.2	21.8
6 20	15 3.10	−20 49.4	1.435	2.310	16.3	22.1

349202 2007 RZ_{245} 5 16.3 244.°83 2.°2/17.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 59.89	−25 27.4	2.190	3.011	12.9	21.0
4 21	15 54.60	−25 42.8	2.096	3.001	10.0	20.7
5 1	15 47.12	−25 49.5	2.025	2.991	6.7	20.5
5 11	15 38.13	−25 46.8	1.981	2.981	3.4	20.3
5 21	15 28.48	−25 35.1	1.964	2.970	2.6	20.2
5 31	15 19.18	−25 16.7	1.975	2.959	5.8	20.4
6 10	15 11.17	−24 55.0	2.013	2.948	9.3	20.6
6 20	15 5.14	−24 34.1	2.074	2.937	12.5	20.8

121253 1999 RW_{71} 5 16.3 190.°71 6.°0/21.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 2.11	−42 11.9	3.154	3.882	11.3	20.8
4 21	15 55.92	−42 50.5	3.061	3.880	9.7	20.7
5 1	15 47.79	−43 15.5	2.990	3.878	8.0	20.6
5 11	15 38.33	−43 24.2	2.944	3.876	6.6	20.5
5 21	15 28.32	−43 15.7	2.924	3.873	6.0	20.4
5 31	15 18.65	−42 51.1	2.933	3.870	6.6	20.5
6 10	15 10.14	−42 13.6	2.967	3.866	8.0	20.6
6 20	15 3.42	−41 27.6	3.027	3.862	9.7	20.7

242475 2004 TL_{41} 5 16.3 264.°85 0.°8/16.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.84	−22 38.9	1.612	2.453	15.8	20.9
4 21	15 56.87	−22 24.8	1.512	2.431	12.2	20.7
5 1	15 48.97	−21 59.3	1.434	2.408	7.9	20.3
5 11	15 38.89	−21 22.7	1.380	2.385	3.0	20.0
5 21	15 27.75	−20 37.2	1.352	2.361	2.4	19.9
5 31	15 16.96	−19 47.7	1.350	2.337	7.6	20.1
6 10	15 7.86	−19 0.6	1.374	2.312	12.5	20.4
6 20	15 1.38	−18 21.6	1.418	2.286	16.9	20.6

419534 2010 KT_{117} 5 16.3 322.°13 6.°7/14.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 56.31	− 7 17.6	1.057	1.941	19.0	20.2
4 21	15 53.70	− 6 55.6	0.971	1.911	15.0	19.9
5 1	15 47.54	− 6 39.2	0.903	1.881	10.6	19.5
5 11	15 38.55	− 6 35.4	0.855	1.853	7.0	19.2
5 21	15 27.97	− 6 50.0	0.828	1.826	8.0	19.2
5 31	15 17.61	− 7 27.5	0.822	1.799	12.8	19.3
6 10	15 9.26	− 8 28.8	0.835	1.775	18.2	19.5
6 20	15 4.22	− 9 51.6	0.865	1.752	23.3	19.7

63146 2000 XM_{14} 5 16.3 117.°32 2.°6/14.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 56.65	−10 50.3	2.548	3.387	10.7	19.0
4 21	15 51.53	−10 35.7	2.477	3.395	8.1	18.8
5 1	15 44.88	−10 21.7	2.431	3.404	5.3	18.6
5 11	15 37.26	−10 10.4	2.412	3.412	2.9	18.5
5 21	15 29.32	−10 3.8	2.422	3.420	3.4	18.5
5 31	15 21.79	−10 3.5	2.460	3.428	6.0	18.7
6 10	15 15.29	−10 10.9	2.525	3.436	8.8	18.9
6 20	15 10.30	−10 26.3	2.614	3.443	11.2	19.1

391562 2007 TB_{134} 5 16.3 263°.70 0°.1/16.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 57.74	−20 19.8	2.096	2.933	12.7	21.8
4 21	15 52.92	−20 13.6	2.008	2.926	9.7	21.6
5 1	15 46.03	−20 1.0	1.943	2.918	6.1	21.3
5 11	15 37.73	−19 43.1	1.905	2.911	2.2	21.1
5 21	15 28.87	−19 21.6	1.894	2.903	1.9	21.0
5 31	15 20.40	−18 59.4	1.911	2.895	5.9	21.3
6 10	15 13.20	−18 39.8	1.954	2.887	9.6	21.5
6 20	15 7.92	−18 25.9	2.019	2.880	12.9	21.7

383213 2005 YP_{144} 5 16.3 217°.18 5°.8/12.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 58.99	− 3 12.7	2.190	3.026	12.3	21.4
4 21	15 53.60	− 2 31.0	2.110	3.019	9.8	21.3
5 1	15 46.33	− 1 54.3	2.054	3.011	7.3	21.1
5 11	15 37.81	− 1 26.9	2.024	3.003	5.8	21.0
5 21	15 28.82	− 1 12.2	2.022	2.994	6.6	21.0
5 31	15 20.22	− 1 12.7	2.046	2.985	8.9	21.1
6 10	15 12.79	− 1 29.2	2.096	2.975	11.7	21.3
6 20	15 7.11	− 2 0.8	2.166	2.965	14.3	21.4

95454 2002 CE_{289} 5 16.3 334°.90 7°.9/18.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.17	−33 15.3	1.447	2.269	18.2	18.6
4 21	15 57.08	−34 40.1	1.364	2.257	15.1	18.4
5 1	15 49.49	−35 51.4	1.299	2.245	11.7	18.1
5 11	15 39.18	−36 42.7	1.257	2.234	8.8	17.9
5 21	15 27.49	−37 9.4	1.239	2.224	8.0	17.9
5 31	15 16.18	−37 11.2	1.243	2.215	10.1	17.9
6 10	15 6.99	−36 53.4	1.270	2.206	13.5	18.1
6 20	15 1.08	−36 24.1	1.317	2.199	17.1	18.3

280401 2003 UB_{346} 5 16.3 281°.56 1°.2/16.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 58.42	−23 16.9	1.892	2.729	14.0	21.5
4 21	15 53.70	−23 16.1	1.805	2.721	10.7	21.2
5 1	15 46.65	−23 6.2	1.740	2.712	7.0	21.0
5 11	15 37.99	−22 47.5	1.700	2.704	2.9	20.7
5 21	15 28.66	−22 21.6	1.687	2.696	2.2	20.6
5 31	15 19.78	−21 51.7	1.702	2.688	6.3	20.9
6 10	15 12.35	−21 22.3	1.741	2.680	10.3	21.1
6 20	15 7.08	−20 57.5	1.803	2.672	13.8	21.3

505906 2015 DV_{223} 5 16.3 36°.25 6°.9/19.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 3.42	−33 49.7	1.614	2.423	17.2	20.8
4 21	15 58.16	−34 56.7	1.545	2.430	14.1	20.6
5 1	15 49.76	−35 47.9	1.495	2.437	10.8	20.4
5 11	15 39.15	−36 18.4	1.468	2.444	7.9	20.2
5 21	15 27.64	−36 26.0	1.466	2.452	7.0	20.2
5 31	15 16.82	−36 12.4	1.489	2.460	8.8	20.3
6 10	15 8.06	−35 43.5	1.536	2.468	11.9	20.5
6 20	15 2.26	−35 7.0	1.604	2.477	15.0	20.7

365186 2009 FV_{25} 5 16.3 338°.64 3°.8/15.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 56.50	−10 47.0	1.030	1.916	19.2	19.7
4 21	15 53.75	−11 0.8	0.956	1.899	14.8	19.3
5 1	15 47.46	−11 20.0	0.900	1.883	9.7	19.0
5 11	15 38.47	−11 47.9	0.864	1.869	4.7	18.6
5 21	15 28.16	−12 26.6	0.850	1.856	5.2	18.6
5 31	15 18.35	−13 17.3	0.858	1.845	10.6	18.9
6 10	15 10.76	−14 20.0	0.886	1.835	16.2	19.1
6 20	15 6.52	−15 33.1	0.930	1.827	21.1	19.4

160305 2003 GK_2 5 16.3 20°.83 0°.2/16.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 56.30	−20 15.7	1.940	2.784	13.3	20.0
4 21	15 51.88	−20 11.0	1.866	2.788	10.1	19.8
5 1	15 45.37	−19 59.9	1.816	2.792	6.3	19.6
5 11	15 37.50	−19 43.5	1.791	2.797	2.3	19.4
5 21	15 29.16	−19 23.9	1.792	2.802	1.9	19.3
5 31	15 21.33	−19 4.0	1.822	2.807	6.0	19.6
6 10	15 14.88	−18 47.3	1.876	2.813	9.7	19.8
6 20	15 10.41	−18 36.5	1.953	2.819	13.0	20.1

426409 2013 PH_{71} 5 16.3 247°.87 5°.1/13.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 59.04	− 8 1.8	1.809	2.659	13.9	21.3
4 21	15 54.08	− 7 14.9	1.726	2.647	10.8	21.1
5 1	15 46.86	− 6 29.2	1.666	2.635	7.5	20.9
5 11	15 38.06	− 5 49.3	1.631	2.623	5.2	20.7
5 21	15 28.63	− 5 19.8	1.622	2.611	6.1	20.7
5 31	15 19.62	− 5 4.6	1.640	2.598	9.3	20.9
6 10	15 12.02	− 5 5.8	1.682	2.585	12.8	21.0
6 20	15 6.50	− 5 23.4	1.745	2.571	16.0	21.2

12836 1997 CA_{22} 5 16.3 43°.57 1°.4/15.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 0.12	−18 7.3	1.200	2.068	18.3	17.4
4 21	15 55.76	−17 42.5	1.139	2.073	13.8	17.2
5 1	15 48.23	−17 9.5	1.097	2.079	8.6	16.9
5 11	15 38.58	−16 31.5	1.078	2.085	3.1	16.6
5 21	15 28.23	−15 53.2	1.083	2.091	3.4	16.6
5 31	15 18.78	−15 20.4	1.111	2.097	8.9	16.9
6 10	15 11.54	−14 58.4	1.162	2.104	13.9	17.2
6 20	15 7.30	−14 50.1	1.231	2.111	18.2	17.5

110513 2001 TW_{75} 5 16.3 227°.47 2°.0/15.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 59.21	−15 21.2	1.965	2.808	13.2	20.0
4 21	15 54.08	−14 53.2	1.879	2.801	10.0	19.8
5 1	15 46.79	−14 21.1	1.816	2.793	6.3	19.5
5 11	15 38.03	−13 47.6	1.780	2.784	2.7	19.3
5 21	15 28.69	−13 15.8	1.771	2.775	3.2	19.3
5 31	15 19.78	−12 49.4	1.790	2.766	7.0	19.5
6 10	15 12.22	−12 31.5	1.834	2.756	10.8	19.7
6 20	15 6.66	−12 24.4	1.900	2.746	14.2	19.9

30878 1992 GQ 5 16.3 50°.03 3°.6/14.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 56.98	− 9 30.2	1.995	2.844	12.8	17.8
4 21	15 52.12	− 9 10.2	1.934	2.856	9.7	17.6
5 1	15 45.39	− 8 52.1	1.896	2.869	6.4	17.5
5 11	15 37.48	− 8 38.9	1.885	2.882	3.9	17.3
5 21	15 29.23	− 8 33.0	1.900	2.896	4.5	17.4
5 31	15 21.53	− 8 36.7	1.942	2.909	7.4	17.6
6 10	15 15.15	− 8 50.8	2.010	2.923	10.5	17.8
6 20	15 10.61	− 9 15.4	2.100	2.937	13.3	18.0

279558 2011 CV_{72} 5 16.3 19°.46 8°.0/21.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 59.53	−39 24.0	1.509	2.307	18.7	19.5
4 21	15 55.40	−39 43.7	1.438	2.311	15.7	19.3
5 1	15 48.04	−39 38.2	1.385	2.316	12.4	19.1
5 11	15 38.53	−39 4.0	1.353	2.321	9.4	18.9
5 21	15 28.30	−38 1.4	1.344	2.326	8.0	18.8
5 31	15 19.00	−36 35.6	1.360	2.333	9.2	18.9
6 10	15 11.96	−34 56.7	1.399	2.340	12.1	19.1
6 20	15 7.95	−33 15.2	1.460	2.347	15.4	19.3

116225 2003 YS_4 5 16.3 177°.62 1°.5/15.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 0.38	−17 54.3	1.861	2.703	13.9	21.3
4 21	15 54.97	−17 11.8	1.783	2.705	10.5	21.1
5 1	15 47.31	−16 22.1	1.729	2.706	6.5	20.8
5 11	15 38.20	−15 28.4	1.701	2.707	2.5	20.6
5 21	15 28.59	−14 34.6	1.701	2.707	2.9	20.6
5 31	15 19.56	−13 45.7	1.728	2.707	7.0	20.9
6 10	15 12.04	−13 6.0	1.781	2.706	11.0	21.1
6 20	15 6.66	−12 38.5	1.856	2.704	14.4	21.3

312096 2007 TH_{122} 5 16.3 145°.76 1°.8/17.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 4.22	−22 50.3	1.620	2.456	15.9	20.9
4 21	15 58.37	−23 13.5	1.546	2.461	12.2	20.6
5 1	15 49.70	−23 28.2	1.494	2.466	8.0	20.4
5 11	15 39.10	−23 33.5	1.467	2.470	3.5	20.1
5 21	15 27.77	−23 29.9	1.466	2.474	2.7	20.1
5 31	15 17.09	−23 20.0	1.491	2.477	7.0	20.4
6 10	15 8.27	−23 8.1	1.542	2.481	11.3	20.6
6 20	15 2.10	−22 58.7	1.615	2.484	15.1	20.9

390498 2014 AJ_{47} 5 16.3 196°.25 1°.7/17.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 58.83	−25 24.0	2.166	2.989	12.9	21.3
4 21	15 53.70	−25 20.2	2.081	2.988	10.0	21.1
5 1	15 46.50	−25 6.5	2.019	2.987	6.6	20.9
5 11	15 37.92	−24 43.1	1.983	2.985	3.1	20.7
5 21	15 28.83	−24 11.5	1.975	2.983	2.3	20.6
5 31	15 20.20	−23 34.9	1.996	2.981	5.6	20.8
6 10	15 12.90	−22 57.6	2.042	2.979	9.1	21.0
6 20	15 7.55	−22 23.5	2.112	2.976	12.3	21.2

364450 2006 YE_5 5 16.3 275°.21 1°.2/15.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 59.05	−18 2.2	1.629	2.480	15.1	21.0
4 21	15 54.49	−17 39.4	1.541	2.467	11.5	20.7
5 1	15 47.32	−17 9.4	1.475	2.454	7.2	20.4
5 11	15 38.29	−16 34.6	1.434	2.441	2.6	20.1
5 21	15 28.47	−15 58.4	1.419	2.427	2.9	20.1
5 31	15 19.09	−15 25.2	1.430	2.413	7.7	20.3
6 10	15 11.33	−14 59.7	1.466	2.400	12.2	20.6
6 20	15 5.97	−14 45.4	1.522	2.386	16.1	20.8

299340 2005 SP_{16} 5 16.3 122°.43 2°.4/14.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 54.78	−13 57.7	2.384	3.228	11.2	21.1
4 21	15 50.29	−13 11.9	2.309	3.231	8.4	20.9
5 1	15 44.19	−12 23.2	2.259	3.235	5.3	20.8
5 11	15 37.07	−11 34.8	2.236	3.238	2.7	20.6
5 21	15 29.62	−10 50.0	2.241	3.241	3.3	20.6
5 31	15 22.60	−10 12.3	2.275	3.244	6.3	20.8
6 10	15 16.65	− 9 44.3	2.334	3.247	9.2	21.0
6 20	15 12.26	− 9 27.4	2.417	3.250	11.9	21.2

141973 2002 PR_{125} 5 16.3 236°.76 4°.9/13.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 59.05	− 9 2.2	1.776	2.627	14.1	20.2
4 21	15 54.11	− 8 7.4	1.695	2.618	10.8	20.0
5 1	15 46.88	− 7 12.3	1.637	2.608	7.5	19.8
5 11	15 38.09	− 6 22.0	1.605	2.599	5.1	19.6
5 21	15 28.69	− 5 41.5	1.599	2.588	6.0	19.7
5 31	15 19.75	− 5 15.3	1.619	2.578	9.3	19.8
6 10	15 12.25	− 5 6.0	1.663	2.567	12.9	20.0
6 20	15 6.88	− 5 13.9	1.728	2.555	16.1	20.2

8570 1996 TN_{10} 5 16.3 171°.25 3°.6/18.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 59.95	−30 56.9	2.468	3.266	12.3	17.8
4 21	15 54.43	−31 18.3	2.382	3.267	9.8	17.6
5 1	15 46.92	−31 28.6	2.320	3.269	7.0	17.4
5 11	15 38.08	−31 26.4	2.284	3.270	4.5	17.3
5 21	15 28.73	−31 11.9	2.275	3.272	3.7	17.2
5 31	15 19.79	−30 47.1	2.295	3.272	5.6	17.3
6 10	15 12.11	−30 15.7	2.341	3.273	8.4	17.5
6 20	15 6.29	−29 42.1	2.412	3.273	11.0	17.7

497554 2006 DQ_{92} 5 16.3 171°.57 5°.7/19.6 17

4 11	16 3.22	−35 44.2	2.214	2.994	14.0	21.3
4 21	15 57.26	−36 19.4	2.130	2.996	11.6	21.1
5 1	15 48.87	−36 39.6	2.067	2.998	8.9	21.0
5 11	15 38.80	−36 42.1	2.030	3.000	6.5	20.8
5 21	15 28.08	−36 26.2	2.019	3.001	5.7	20.8
5 31	15 17.87	−35 53.8	2.035	3.002	7.1	20.9
6 10	15 9.23	−35 10.0	2.078	3.003	9.6	21.0
6 20	15 2.85	−34 20.6	2.143	3.003	12.3	21.2

16204 2000 CT_{33} 5 16.3 339°.18 0°.6/16.6 18 R

4 11	15 57.75	−21 49.3	1.929	2.768	13.6	18.6
4 21	15 53.06	−21 42.0	1.849	2.767	10.4	18.4
5 1	15 46.19	−21 26.8	1.791	2.766	6.6	18.2
5 11	15 37.84	−21 4.4	1.760	2.765	2.5	17.9
5 21	15 28.95	−20 37.0	1.755	2.764	2.0	17.9
5 31	15 20.55	−20 7.8	1.777	2.763	6.1	18.1
6 10	15 13.57	−19 41.1	1.825	2.762	10.0	18.4
6 20	15 8.66	−19 20.1	1.896	2.762	13.3	18.6

102368 1999 TB_{141} 5 16.3 157°.55 0°.6/16.6 18

4 11	15 58.94	−21 54.0	2.043	2.877	13.2	20.3
4 21	15 53.81	−21 45.5	1.964	2.879	10.0	20.1
5 1	15 46.58	−21 29.1	1.908	2.882	6.4	19.9
5 11	15 37.96	−21 5.7	1.878	2.884	2.4	19.6
5 21	15 28.85	−20 37.5	1.876	2.886	1.9	19.6
5 31	15 20.25	−20 7.6	1.902	2.887	5.9	19.9
6 10	15 13.03	−19 39.9	1.954	2.889	9.6	20.1
6 20	15 7.80	−19 17.7	2.029	2.890	12.8	20.3

299893 2006 SP_{348} 5 16.3 275°.08 0°.2/16.4 18

4 11	15 56.79	−20 52.8	2.174	3.011	12.4	21.1
4 21	15 52.18	−20 40.6	2.083	3.001	9.4	20.9
5 1	15 45.58	−20 21.3	2.016	2.990	6.0	20.7
5 11	15 37.62	−19 56.2	1.974	2.980	2.2	20.4
5 21	15 29.13	−19 27.3	1.961	2.970	1.8	20.4
5 31	15 20.99	−18 57.6	1.975	2.960	5.7	20.6
6 10	15 14.08	−18 30.7	2.015	2.949	9.4	20.8
6 20	15 8.99	−18 9.7	2.079	2.939	12.6	21.0

385479 2003 WE_{10} 5 16.3 231°.03 2°.8/18.2 17

4 11	15 59.12	−29 18.8	2.283	3.092	12.8	21.7
4 21	15 53.95	−29 11.7	2.188	3.083	10.1	21.5
5 1	15 46.69	−28 52.1	2.116	3.074	7.0	21.3
5 11	15 38.02	−28 19.5	2.069	3.064	3.9	21.1
5 21	15 28.80	−27 35.4	2.051	3.054	3.0	21.0
5 31	15 20.00	−26 43.0	2.061	3.044	5.6	21.1
6 10	15 12.51	−25 47.2	2.097	3.034	8.9	21.3
6 20	15 6.95	−24 53.0	2.158	3.023	12.0	21.5

409269 2004 RY_{19} 5 16.3 275°.60 1°.0/15.9 17

4 11	16 2.85	−17 13.2	1.503	2.354	16.2	21.4
4 21	15 57.85	−17 14.1	1.405	2.330	12.5	21.1
5 1	15 49.77	−17 10.6	1.327	2.306	7.9	20.8
5 11	15 39.29	−17 3.5	1.274	2.281	2.9	20.4
5 21	15 27.57	−16 54.7	1.247	2.255	3.0	20.3
5 31	15 16.09	−16 47.5	1.245	2.229	8.4	20.6
6 10	15 6.31	−16 45.8	1.267	2.203	13.5	20.8
6 20	14 59.28	−16 52.8	1.309	2.177	18.1	21.0

46304 2001 OZ_{62} 5 16.3 219°.45 5°.7/19.2 18

4 11	16 5.71	−35 10.3	2.316	3.092	13.6	19.0
4 21	15 59.23	−35 56.5	2.218	3.082	11.3	18.8
5 1	15 50.21	−36 29.6	2.142	3.071	8.7	18.6
5 11	15 39.34	−36 46.2	2.091	3.060	6.4	18.4
5 21	15 27.60	−36 44.5	2.068	3.049	5.7	18.4
5 31	15 16.18	−36 25.5	2.072	3.036	7.2	18.4
6 10	15 6.21	−35 53.3	2.103	3.023	9.8	18.6
6 20	14 58.50	−35 13.8	2.158	3.009	12.5	18.7

435320 2007 UZ_{130} 5 16.3 196°.75 3°.6/14.4 17

4 11	15 58.32	− 8 33.1	2.264	3.103	11.8	21.5
4 21	15 53.06	− 8 17.6	2.185	3.102	9.1	21.3
5 1	15 46.00	− 8 4.5	2.131	3.101	6.1	21.1
5 11	15 37.75	− 7 56.2	2.104	3.100	3.8	20.9
5 21	15 29.07	− 7 55.0	2.104	3.098	4.4	21.0
5 31	15 20.79	− 8 2.8	2.133	3.096	7.1	21.1
6 10	15 13.65	− 8 20.5	2.188	3.094	10.1	21.3
6 20	15 8.21	− 8 48.1	2.265	3.092	12.8	21.5

485857 2012 FB 5 16.3 171°.92 11°.1/17.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 20.57	−34 21.6	1.232	2.034	21.9	21.1
4 21	16 13.11	−36 56.3	1.160	2.037	18.4	20.8
5 1	16 0.44	−39 19.1	1.108	2.039	14.7	20.6
5 11	15 43.36	−41 15.5	1.078	2.041	11.8	20.4
5 21	15 23.87	−42 32.8	1.072	2.042	11.2	20.4
5 31	15 4.85	−43 6.9	1.091	2.042	13.4	20.5
6 10	14 49.12	−43 5.6	1.131	2.042	16.9	20.7
6 20	14 38.34	−42 42.4	1.190	2.041	20.5	20.9

66810 1999 UM_4 5 16.3 304°.02 0°.8/15.8 17

4 11	15 55.92	−21 52.0	1.698	2.547	14.7	18.4
4 21	15 52.16	−20 48.7	1.594	2.520	11.2	18.1
5 1	15 45.90	−19 30.1	1.513	2.492	7.1	17.8
5 11	15 37.84	−17 59.1	1.457	2.464	2.5	17.4
5 21	15 28.96	−16 21.3	1.428	2.437	2.8	17.4
5 31	15 20.45	−14 44.3	1.426	2.409	7.7	17.6
6 10	15 13.42	−13 16.3	1.448	2.382	12.3	17.8
6 20	15 8.68	−12 3.7	1.492	2.355	16.5	18.0

87132 2000 NO_4 5 16.3 132°.10 5°.0/13.6 18

4 11	16 2.58	− 7 55.2	1.811	2.654	14.2	19.9
4 21	15 56.42	− 7 3.0	1.753	2.670	10.9	19.7
5 1	15 48.11	− 6 13.1	1.718	2.686	7.5	19.6
5 11	15 38.48	− 5 30.2	1.709	2.700	5.2	19.4
5 21	15 28.52	− 4 58.6	1.727	2.714	6.0	19.5
5 31	15 19.26	− 4 41.6	1.773	2.727	8.9	19.7
6 10	15 11.58	− 4 40.5	1.842	2.739	12.2	19.9
6 20	15 6.04	− 4 54.9	1.934	2.750	15.1	20.2

375967 2009 WL_{208} 5 16.3 156°.83 0°.8/16.8 17

4 11	16 0.42	−22 45.3	2.207	3.032	12.6	22.6
4 21	15 54.76	−22 37.5	2.128	3.038	9.6	22.4
5 1	15 47.10	−22 21.6	2.073	3.044	6.1	22.2
5 11	15 38.15	−21 58.4	2.045	3.050	2.4	21.9
5 21	15 28.77	−21 29.7	2.046	3.055	1.8	21.9
5 31	15 19.89	−20 58.5	2.075	3.059	5.5	22.2
6 10	15 12.34	−20 28.7	2.130	3.063	9.0	22.4
6 20	15 6.71	−20 3.5	2.210	3.066	12.1	22.6

19894 5124 T_{-2} 5 16.3 27°.07 0°.2/16.4 18

4 11	15 56.26	−23 52.0	1.546	2.396	15.8	17.6
4 21	15 52.27	−22 53.9	1.477	2.401	12.0	17.4
5 1	15 45.78	−21 41.0	1.430	2.408	7.6	17.1
5 11	15 37.71	−20 17.0	1.408	2.414	2.7	16.8
5 21	15 29.19	−18 47.7	1.412	2.421	2.3	16.8
5 31	15 21.42	−17 20.8	1.442	2.429	7.1	17.1
6 10	15 15.41	−16 3.7	1.496	2.437	11.5	17.4
6 20	15 11.77	−15 1.4	1.573	2.445	15.3	17.7

98881 2001 BQ_{25} 5 16.3 173°.76 1°.4/15.5 18

4 11	15 58.78	−16 21.6	2.165	3.004	12.3	20.4
4 21	15 53.51	−16 0.4	2.086	3.006	9.3	20.2
5 1	15 46.33	−15 35.4	2.031	3.007	5.8	20.0
5 11	15 37.89	−15 8.5	2.003	3.009	2.3	19.8
5 21	15 29.01	−14 42.2	2.003	3.009	2.6	19.8
5 31	15 20.58	−14 19.7	2.032	3.010	6.2	20.0
6 10	15 13.42	−14 3.7	2.086	3.010	9.6	20.2
6 20	15 8.08	−13 56.1	2.164	3.010	12.7	20.4

79724 1998 SC_{125} 5 16.3 270°.48 0°.4/16.7 18

4 11	15 53.64	−21 28.3	3.467	4.288	8.6	19.8
4 21	15 49.17	−21 25.8	3.360	4.268	6.5	19.7
5 1	15 43.44	−21 18.8	3.278	4.249	4.1	19.5
5 11	15 36.86	−21 7.9	3.224	4.229	1.6	19.3
5 21	15 29.90	−20 54.0	3.200	4.209	1.2	19.2
5 31	15 23.12	−20 38.6	3.205	4.188	3.9	19.4
6 10	15 17.03	−20 23.6	3.239	4.168	6.4	19.5
6 20	15 12.07	−20 10.9	3.298	4.147	8.6	19.7

113103 2002 RS_{76} 5 16.3 293°.56 0°.5/16.6 17

4 11	15 59.15	−21 30.3	1.508	2.359	16.1	20.2
4 21	15 55.01	−21 22.6	1.411	2.336	12.4	19.9
5 1	15 47.93	−21 4.9	1.336	2.313	8.0	19.6
5 11	15 38.64	−20 37.7	1.284	2.290	3.0	19.2
5 21	15 28.26	−20 3.3	1.257	2.267	2.5	19.1
5 31	15 18.21	−19 26.2	1.256	2.244	7.8	19.4
6 10	15 9.87	−18 52.2	1.278	2.221	12.8	19.6
6 20	15 4.21	−18 26.5	1.321	2.198	17.3	19.8

227459 2005 WV_{103} 5 16.3 181°.61 6°.6/11.9 18

4 11	15 58.53	− 1 26.9	2.179	3.013	12.4	21.5
4 21	15 53.21	− 0 27.6	2.110	3.014	10.0	21.4
5 1	15 46.08	+ 0 25.8	2.064	3.014	7.7	21.2
5 11	15 37.80	+ 1 8.1	2.045	3.014	6.6	21.1
5 21	15 29.13	+ 1 35.5	2.053	3.014	7.4	21.2
5 31	15 20.92	+ 1 45.2	2.088	3.013	9.5	21.3
6 10	15 13.90	+ 1 36.7	2.146	3.011	12.0	21.5
6 20	15 8.62	+ 1 11.2	2.226	3.009	14.4	21.6

290295 2005 SN_{170} 5 16.3 267°.80 2°.0/14.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 54.82	−15 50.1	2.331	3.175	11.4	20.8
4 21	15 50.47	−15 2.7	2.244	3.166	8.6	20.6
5 1	15 44.41	−14 10.4	2.181	3.158	5.4	20.4
5 11	15 37.23	−13 16.2	2.145	3.149	2.4	20.2
5 21	15 29.62	−12 23.8	2.137	3.140	3.0	20.2
5 31	15 22.39	−11 36.9	2.158	3.131	6.2	20.4
6 10	15 16.23	−10 59.1	2.204	3.123	9.5	20.6
6 20	15 11.68	−10 32.4	2.274	3.114	12.4	20.8

284885 2009 HU_{50} 5 16.3 131°.11 3°.5/13.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 55.71	− 9 20.8	2.627	3.466	10.4	21.5
4 21	15 50.77	− 8 28.0	2.562	3.478	7.9	21.3
5 1	15 44.41	− 7 35.7	2.521	3.490	5.4	21.2
5 11	15 37.18	− 6 47.2	2.509	3.501	3.6	21.1
5 21	15 29.71	− 6 5.7	2.525	3.512	4.3	21.1
5 31	15 22.66	− 5 34.0	2.569	3.523	6.6	21.3
6 10	15 16.61	− 5 13.9	2.640	3.533	9.1	21.5
6 20	15 11.98	− 5 6.0	2.734	3.543	11.3	21.6

137002 1998 SN_{83} 5 16.3 306°.67 3°.8/17.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 0.60	−27 11.1	1.493	2.331	16.9	19.4
4 21	15 56.19	−27 41.2	1.408	2.320	13.4	19.1
5 1	15 48.69	−27 59.1	1.343	2.310	9.3	18.9
5 11	15 38.91	−28 2.3	1.301	2.299	5.2	18.6
5 21	15 28.10	−27 50.4	1.284	2.289	4.1	18.5
5 31	15 17.77	−27 26.2	1.292	2.279	7.8	18.7
6 10	15 9.37	−26 55.4	1.324	2.269	12.3	18.9
6 20	15 3.82	−26 24.6	1.376	2.260	16.3	19.1

102658 1999 VK_{55} 5 16.3 139°.32 0°.2/16.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.97	−21 8.3	1.842	2.677	14.3	20.8
4 21	15 56.20	−20 51.2	1.771	2.687	10.8	20.6
5 1	15 48.12	−20 25.8	1.722	2.697	6.8	20.3
5 11	15 38.55	−19 53.4	1.700	2.706	2.4	20.1
5 21	15 28.52	−19 16.8	1.705	2.714	2.1	20.1
5 31	15 19.13	−18 40.0	1.738	2.722	6.4	20.4
6 10	15 11.37	−18 7.5	1.796	2.729	10.4	20.6
6 20	15 5.83	−17 42.6	1.878	2.736	13.8	20.8

196260 2003 EE_{7} 5 16.3 131°.70 3°.0/17.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 4.58	−27 30.9	1.545	2.373	16.9	20.8
4 21	15 58.75	−27 35.2	1.475	2.383	13.2	20.6
5 1	15 49.98	−27 24.9	1.427	2.392	8.9	20.4
5 11	15 39.26	−26 58.9	1.402	2.401	4.6	20.1
5 21	15 27.90	−26 19.1	1.404	2.410	3.5	20.1
5 31	15 17.38	−25 30.2	1.431	2.418	7.2	20.3
6 10	15 8.93	−24 39.2	1.484	2.425	11.5	20.6
6 20	15 3.27	−23 52.6	1.558	2.432	15.3	20.8

213507 2002 GR_{86} 5 16.3 79°.11 3°.3/15.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.86	−12 38.8	1.417	2.276	16.5	20.0
4 21	15 56.53	−12 17.1	1.360	2.288	12.5	19.8
5 1	15 48.49	−11 54.5	1.323	2.301	8.0	19.6
5 11	15 38.70	−11 34.8	1.310	2.313	3.9	19.4
5 21	15 28.41	−11 21.2	1.323	2.326	4.5	19.4
5 31	15 18.95	−11 17.3	1.362	2.339	8.7	19.7
6 10	15 11.44	−11 25.2	1.423	2.351	13.0	20.0
6 20	15 6.52	−11 45.3	1.505	2.363	16.6	20.2

21705 Subinmin 5 16.3 247°.64 1°.4/15.6 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 58.48	−16 33.6	1.989	2.832	13.1	19.2
4 21	15 53.58	−16 14.5	1.902	2.824	9.9	19.0
5 1	15 46.54	−15 51.0	1.839	2.816	6.2	18.8
5 11	15 38.04	−15 25.2	1.801	2.807	2.4	18.5
5 21	15 28.95	−14 59.6	1.791	2.798	2.7	18.5
5 31	15 20.27	−14 37.7	1.809	2.789	6.6	18.7
6 10	15 12.91	−14 22.5	1.852	2.780	10.4	18.9
6 20	15 7.52	−14 16.3	1.918	2.770	13.8	19.1

107329 2001 CR_{16} 5 16.3 123°.34 0°.5/16.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 2.98	−18 59.5	1.746	2.585	14.8	20.8
4 21	15 57.01	−18 48.3	1.680	2.599	11.2	20.6
5 1	15 48.65	−18 30.8	1.636	2.612	7.0	20.4
5 11	15 38.75	−18 8.4	1.618	2.625	2.4	20.1
5 21	15 28.39	−17 43.7	1.628	2.637	2.3	20.1
5 31	15 18.74	−17 20.3	1.665	2.648	6.8	20.4
6 10	15 10.79	−17 2.0	1.728	2.660	10.8	20.7
6 20	15 5.18	−16 51.5	1.813	2.670	14.2	20.9

464757 2003 SP_{291} 5 16.3 287°.10 3°.3/17.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.16	−27 16.2	1.521	2.357	16.8	21.6
4 21	15 56.79	−27 27.1	1.418	2.330	13.3	21.3
5 1	15 49.22	−27 24.1	1.336	2.303	9.2	21.0
5 11	15 39.18	−27 4.9	1.277	2.276	4.9	20.6
5 21	15 27.85	−26 29.7	1.242	2.249	3.8	20.5
5 31	15 16.78	−25 41.9	1.234	2.221	8.0	20.7
6 10	15 7.52	−24 48.7	1.248	2.193	12.9	20.8
6 20	15 1.15	−23 57.6	1.284	2.165	17.4	21.0

355110 2006 UR_{36} 5 16.3 264°.28 0°.6/16.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 57.12	−22 6.9	2.311	3.142	11.9	21.8
4 21	15 52.38	−21 55.4	2.214	3.128	9.1	21.6
5 1	15 45.72	−21 36.5	2.141	3.114	5.8	21.4
5 11	15 37.75	−21 10.7	2.095	3.100	2.2	21.1
5 21	15 29.21	−20 40.1	2.076	3.085	1.7	21.1
5 31	15 21.00	−20 7.4	2.086	3.071	5.5	21.3
6 10	15 13.94	−19 36.4	2.122	3.056	9.0	21.5
6 20	15 8.62	−19 10.3	2.182	3.041	12.1	21.6

841 Arabella 5 16.3 113°.44 2°.6/17.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 3.54	−25 32.2	1.466	2.305	17.2	16.5
4 21	15 58.11	−25 43.7	1.397	2.312	13.3	16.2
5 1	15 49.67	−25 42.3	1.349	2.319	8.8	16.0
5 11	15 39.19	−25 27.4	1.324	2.326	4.3	15.7
5 21	15 28.00	−25 0.3	1.325	2.333	3.2	15.7
5 31	15 17.61	−24 25.3	1.352	2.339	7.4	16.0
6 10	15 9.30	−23 48.6	1.403	2.346	11.9	16.2
6 20	15 3.84	−23 16.2	1.474	2.352	15.8	16.5

180161 2003 GU_{55} 5 16.3 133°.63 4°.2/12.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 54.70	− 7 36.3	2.557	3.398	10.6	20.7
4 21	15 50.09	− 6 32.6	2.489	3.405	8.1	20.5
5 1	15 44.03	− 5 30.1	2.447	3.413	5.7	20.4
5 11	15 37.08	− 4 32.8	2.433	3.420	4.3	20.3
5 21	15 29.86	− 3 44.3	2.447	3.426	5.0	20.3
5 31	15 23.05	− 3 7.6	2.488	3.433	7.2	20.5
6 10	15 17.23	− 2 44.6	2.555	3.439	9.7	20.7
6 20	15 12.84	− 2 35.6	2.645	3.445	11.9	20.8

301067 2008 UC_{143} 5 16.3 322°.36 1°.4/15.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 57.34	−18 15.1	1.136	2.011	18.6	21.3
4 21	15 54.16	−17 53.7	1.060	1.998	14.2	21.0
5 1	15 47.61	−17 23.2	1.003	1.987	9.0	20.7
5 11	15 38.58	−16 46.3	0.968	1.975	3.3	20.3
5 21	15 28.46	−16 7.8	0.956	1.965	3.5	20.3
5 31	15 18.97	−15 33.8	0.966	1.955	9.5	20.6
6 10	15 11.65	−15 10.6	0.998	1.945	15.0	20.9
6 20	15 7.49	−15 2.2	1.047	1.937	19.8	21.1

345910 2007 RY_{153} 5 16.3 251°.97 0°.8/15.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 57.38	−18 44.9	2.105	2.945	12.6	21.9
4 21	15 52.66	−18 18.3	2.016	2.936	9.5	21.7
5 1	15 45.92	−17 45.4	1.950	2.926	6.0	21.5
5 11	15 37.82	−17 7.9	1.910	2.916	2.1	21.2
5 21	15 29.17	−16 28.8	1.898	2.906	2.3	21.2
5 31	15 20.92	−15 51.8	1.914	2.896	6.2	21.4
6 10	15 13.92	−15 20.6	1.957	2.886	9.9	21.6
6 20	15 8.78	−14 58.1	2.021	2.875	13.1	21.8

128973 2004 TB_{167} 5 16.3 299°.76 0°.1/16.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 57.86	−20 56.8	1.704	2.551	14.7	20.1
4 21	15 53.50	−20 39.8	1.619	2.542	11.2	19.9
5 1	15 46.67	−20 13.8	1.557	2.534	7.1	19.6
5 11	15 38.13	−19 40.3	1.519	2.525	2.6	19.3
5 21	15 28.90	−19 2.3	1.508	2.517	2.2	19.2
5 31	15 20.15	−18 24.0	1.522	2.509	6.9	19.5
6 10	15 12.97	−17 50.3	1.562	2.501	11.2	19.8
6 20	15 8.08	−17 25.1	1.623	2.493	15.0	20.0

281516 2008 TE_{48} 5 16.3 191°.91 3°.3/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 57.29	−11 17.3	2.343	3.183	11.5	21.5
4 21	15 52.24	−10 28.4	2.263	3.182	8.7	21.3
5 1	15 45.49	− 9 38.1	2.208	3.180	5.7	21.1
5 11	15 37.63	− 8 49.9	2.180	3.178	3.5	20.9
5 21	15 29.39	− 8 7.3	2.181	3.175	4.2	21.0
5 31	15 21.55	− 7 33.9	2.210	3.172	7.0	21.1
6 10	15 14.83	− 7 12.0	2.265	3.168	9.9	21.3
6 20	15 9.73	− 7 2.7	2.343	3.164	12.6	21.5

139614 2001 QW_{136} 5 16.3 216°.19 2°.7/18.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 57.98	−29 14.4	2.422	3.230	12.2	20.0
4 21	15 52.96	−29 7.5	2.331	3.226	9.6	19.8
5 1	15 46.04	−28 48.9	2.264	3.222	6.6	19.6
5 11	15 37.85	−28 18.4	2.222	3.217	3.7	19.4
5 21	15 29.20	−27 37.4	2.209	3.212	2.8	19.4
5 31	15 20.96	−26 49.0	2.224	3.207	5.3	19.5
6 10	15 13.95	−25 57.6	2.266	3.202	8.4	19.7
6 20	15 8.73	−25 7.6	2.332	3.196	11.2	19.9

131981 2002 CQ_{72} 5 16.3 41°.91 0°.8/16.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 59.72	−19 2.6	1.167	2.036	18.6	19.9
4 21	15 55.46	−18 46.1	1.114	2.049	14.0	19.7
5 1	15 48.05	−18 21.1	1.081	2.062	8.7	19.4
5 11	15 38.61	−17 50.3	1.069	2.076	3.1	19.1
5 21	15 28.60	−17 17.8	1.082	2.091	3.0	19.2
5 31	15 19.60	−16 49.2	1.118	2.106	8.5	19.5
6 10	15 12.87	−16 29.4	1.176	2.122	13.4	19.9
6 20	15 9.12	−16 21.7	1.254	2.138	17.6	20.2

54780 2001 LW_{18} 5 16.3 270°.26 3°.1/14.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 59.01	−16 24.6	1.352	2.216	16.9	19.1
4 21	15 54.79	−15 20.2	1.276	2.208	12.8	18.8
5 1	15 47.66	−14 6.3	1.221	2.201	8.1	18.5
5 11	15 38.52	−12 48.3	1.189	2.194	3.7	18.2
5 21	15 28.62	−11 33.2	1.183	2.187	4.7	18.3
5 31	15 19.37	−10 28.9	1.202	2.179	9.5	18.5
6 10	15 12.03	− 9 41.7	1.243	2.172	14.3	18.8
6 20	15 7.41	− 9 14.8	1.303	2.164	18.5	19.0

370157 2001 YP_{71} 5 16.3 78°.95 2°.2/17.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 2.03	−26 9.6	1.758	2.586	15.2	21.0
4 21	15 56.30	−26 6.0	1.700	2.609	11.7	20.8
5 1	15 48.17	−25 50.2	1.665	2.632	7.7	20.7
5 11	15 38.58	−25 22.5	1.654	2.655	3.7	20.5
5 21	15 28.65	−24 45.3	1.670	2.678	2.7	20.4
5 31	15 19.54	−24 2.9	1.714	2.700	6.3	20.7
6 10	15 12.21	−23 20.7	1.783	2.722	10.0	21.0
6 20	15 7.24	−22 43.3	1.874	2.744	13.3	21.2

145427 2005 QE_{52} 5 16.3 327°.66 1°.1/15.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 55.33	−17 46.5	1.932	2.781	13.2	19.8
4 21	15 51.27	−17 22.9	1.848	2.773	9.9	19.6
5 1	15 45.13	−16 53.6	1.786	2.765	6.2	19.3
5 11	15 37.57	−16 20.8	1.751	2.757	2.3	19.1
5 21	15 29.46	−15 47.6	1.742	2.750	2.5	19.1
5 31	15 21.77	−15 17.7	1.760	2.742	6.5	19.3
6 10	15 15.40	−14 54.6	1.803	2.736	10.4	19.5
6 20	15 10.96	−14 40.9	1.868	2.729	13.7	19.7

267331 2001 UJ_{141} 5 16.3 165°.05 0°.3/16.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.23	−18 51.0	1.988	2.824	13.4	21.3
4 21	15 55.60	−18 48.1	1.910	2.827	10.1	21.1
5 1	15 47.78	−18 39.9	1.855	2.830	6.4	20.9
5 11	15 38.51	−18 27.4	1.827	2.833	2.2	20.6
5 21	15 28.70	−18 12.5	1.826	2.835	2.1	20.6
5 31	15 19.41	−17 57.8	1.854	2.837	6.2	20.9
6 10	15 11.55	−17 46.5	1.908	2.839	10.0	21.1
6 20	15 5.75	−17 41.2	1.984	2.840	13.3	21.3

93422 2000 SB_{308} 5 16.3 152°.33 6°.4/19.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 5.52	−36 50.3	2.156	2.929	14.6	20.0
4 21	15 59.18	−37 41.7	2.076	2.935	12.1	19.9
5 1	15 50.21	−38 17.8	2.017	2.941	9.5	19.7
5 11	15 39.42	−38 34.9	1.983	2.946	7.2	19.6
5 21	15 27.89	−38 31.5	1.975	2.951	6.4	19.5
5 31	15 16.89	−38 9.1	1.995	2.955	7.7	19.6
6 10	15 7.56	−37 32.8	2.040	2.959	10.1	19.8
6 20	15 0.67	−36 48.7	2.108	2.962	12.6	19.9

336159 2008 RL_{13} 5 16.3 181°.93 2°.8/17.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 59.93	−27 53.7	1.981	2.801	14.1	21.3
4 21	15 54.81	−27 55.6	1.898	2.801	11.0	21.1
5 1	15 47.37	−27 45.2	1.838	2.801	7.5	20.9
5 11	15 38.38	−27 22.0	1.804	2.801	4.0	20.7
5 21	15 28.83	−26 47.3	1.796	2.801	3.0	20.6
5 31	15 19.80	−26 4.7	1.815	2.800	6.1	20.8
6 10	15 12.28	−25 19.2	1.861	2.800	9.7	21.0
6 20	15 6.94	−24 36.0	1.929	2.799	13.0	21.2

399379 2001 RQ_{13} 5 16.3 259°.33 1°.7/17.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 2.51	−24 23.6	1.553	2.392	16.4	22.1
4 21	15 57.54	−24 19.9	1.458	2.375	12.7	21.8
5 1	15 49.54	−24 3.9	1.384	2.357	8.4	21.5
5 11	15 39.28	−23 35.0	1.335	2.338	3.7	21.2
5 21	15 27.96	−22 54.8	1.311	2.319	2.7	21.1
5 31	15 17.06	−22 7.8	1.313	2.300	7.6	21.3
6 10	15 7.96	−21 20.6	1.339	2.280	12.5	21.6
6 20	15 1.63	−20 39.5	1.386	2.260	16.8	21.8

256681 2007 YQ_{44} 5 16.3 19°.35 4°.8/18.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 59.83	−30 6.8	1.347	2.186	18.4	20.0
4 21	15 55.72	−30 28.9	1.279	2.189	14.6	19.8
5 1	15 48.38	−30 33.3	1.230	2.192	10.4	19.5
5 11	15 38.82	−30 17.8	1.203	2.197	6.3	19.3
5 21	15 28.45	−29 43.1	1.199	2.201	5.0	19.2
5 31	15 18.90	−28 54.1	1.220	2.207	8.1	19.4
6 10	15 11.56	−27 58.8	1.264	2.212	12.4	19.7
6 20	15 7.25	−27 5.2	1.328	2.219	16.4	19.9

308323 2005 MW_{41} 5 16.3 315°.91 4°.0/13.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 53.60	−12 57.3	1.824	2.683	13.4	19.8
4 21	15 50.09	−11 38.8	1.734	2.663	10.2	19.6
5 1	15 44.46	−10 14.2	1.667	2.644	6.7	19.3
5 11	15 37.38	− 8 48.9	1.626	2.625	4.2	19.1
5 21	15 29.69	− 7 29.3	1.612	2.606	5.3	19.2
5 31	15 22.37	− 6 21.8	1.624	2.588	8.8	19.3
6 10	15 16.35	− 5 31.2	1.660	2.570	12.5	19.5
6 20	15 12.28	− 4 59.9	1.716	2.553	15.8	19.7

269039 2007 FJ_{32} 5 16.4 133°.11 2°.5/17.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 3.53	−24 57.5	1.965	2.787	14.1	20.8
4 21	15 57.50	−25 29.0	1.889	2.794	10.9	20.6
5 1	15 49.07	−25 52.1	1.836	2.801	7.3	20.4
5 11	15 39.00	−26 5.3	1.808	2.808	3.7	20.2
5 21	15 28.31	−26 8.5	1.809	2.814	2.9	20.1
5 31	15 18.16	−26 3.6	1.837	2.821	6.2	20.4
6 10	15 9.57	−25 54.2	1.891	2.826	9.8	20.6
6 20	15 3.24	−25 44.3	1.969	2.832	13.0	20.8

222713 2002 AV_{105} 5 16.4 124°.22 1°.8/15.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 0.16	−15 16.7	2.018	2.859	13.0	20.6
4 21	15 54.60	−14 53.4	1.951	2.871	9.8	20.4
5 1	15 47.04	−14 27.0	1.907	2.883	6.1	20.2
5 11	15 38.22	−13 59.8	1.890	2.894	2.6	20.0
5 21	15 29.03	−13 34.8	1.901	2.905	3.0	20.0
5 31	15 20.42	−13 14.9	1.939	2.916	6.6	20.3
6 10	15 13.20	−13 2.7	2.004	2.926	10.1	20.5
6 20	15 7.92	−12 59.9	2.091	2.936	13.1	20.7

199583 2006 FO_{10} 5 16.4 52°.11 6°.2/12.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 56.85	− 8 34.6	1.541	2.404	15.2	19.2
4 21	15 52.36	− 6 55.7	1.498	2.426	11.6	19.0
5 1	15 45.67	− 5 18.7	1.478	2.448	8.2	18.9
5 11	15 37.72	− 3 51.4	1.483	2.471	6.2	18.8
5 21	15 29.53	− 2 40.6	1.513	2.494	7.3	18.9
5 31	15 22.15	− 1 51.2	1.569	2.518	10.3	19.1
6 10	15 16.44	− 1 25.1	1.647	2.541	13.5	19.4
6 20	15 12.88	− 1 21.1	1.744	2.565	16.3	19.6

153456 2001 QC_{304} 5 16.4 184°.86 1°.1/15.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 0.33	−17 14.4	2.310	3.142	11.9	21.9
4 21	15 54.62	−16 49.5	2.227	3.142	9.0	21.7
5 1	15 47.05	−16 20.0	2.167	3.142	5.6	21.5
5 11	15 38.25	−15 47.6	2.136	3.141	2.1	21.3
5 21	15 29.01	−15 14.9	2.133	3.139	2.4	21.3
5 31	15 20.20	−14 45.1	2.159	3.137	5.9	21.5
6 10	15 12.60	−14 21.2	2.212	3.133	9.3	21.7
6 20	15 6.76	−14 5.5	2.289	3.130	12.2	21.9

348917 2006 TM_{19} 5 16.4 146°.26 0°.1/16.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 56.63	−20 35.7	2.560	3.390	11.0	21.7
4 21	15 51.67	−20 12.5	2.482	3.396	8.3	21.5
5 1	15 45.11	−19 43.0	2.428	3.401	5.2	21.3
5 11	15 37.54	−19 8.9	2.401	3.407	1.8	21.1
5 21	15 29.64	−18 32.4	2.403	3.412	1.6	21.1
5 31	15 22.15	−17 56.4	2.435	3.417	5.0	21.3
6 10	15 15.74	−17 23.9	2.493	3.422	8.0	21.5
6 20	15 10.88	−16 57.6	2.576	3.426	10.7	21.7

32370 2000 QY_{151} 5 16.4 278°.17 1°.8/18.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 50.75	−28 57.1	4.348	5.145	7.4	19.7
4 21	15 46.83	−28 58.3	4.253	5.140	5.8	19.6
5 1	15 41.93	−28 53.3	4.182	5.136	4.0	19.4
5 11	15 36.39	−28 42.1	4.140	5.132	2.4	19.3
5 21	15 30.62	−28 25.5	4.126	5.127	1.9	19.3
5 31	15 25.03	−28 4.6	4.142	5.123	3.2	19.4
6 10	15 20.05	−27 41.2	4.187	5.119	5.0	19.5
6 20	15 15.98	−27 17.2	4.257	5.114	6.7	19.6

257581 1999 FE_{8} 5 16.4 109°.19 9°.4/ 8.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 0.60	+ 7 16.8	2.238	3.047	13.0	21.7
4 21	15 54.48	+ 9 7.6	2.207	3.075	11.1	21.6
5 1	15 46.73	+10 45.0	2.200	3.103	9.8	21.6
5 11	15 38.06	+12 2.4	2.218	3.130	9.4	21.6
5 21	15 29.25	+12 55.6	2.263	3.157	10.2	21.7
5 31	15 21.08	+13 22.8	2.332	3.182	11.7	21.9
6 10	15 14.21	+13 25.0	2.423	3.206	13.3	22.0
6 20	15 9.06	+13 5.2	2.533	3.230	14.9	22.2

66011 1998 QR_{17} 5 16.4 295°.85 2°.3/17.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 58.60	−26 24.3	1.889	2.718	14.3	17.9
4 21	15 53.92	−26 23.1	1.805	2.714	11.1	17.6
5 1	15 46.89	−26 10.1	1.743	2.710	7.4	17.4
5 11	15 38.25	−25 45.2	1.706	2.706	3.7	17.2
5 21	15 29.00	−25 10.1	1.695	2.702	2.7	17.1
5 31	15 20.25	−24 28.3	1.712	2.699	6.2	17.3
6 10	15 13.01	−23 45.1	1.754	2.695	10.1	17.5
6 20	15 7.97	−23 5.3	1.819	2.691	13.5	17.7

501898 2014 WR_{429} 5 16.4 70°.15 6°.4/19.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 6.59	−35 13.2	1.832	2.622	16.2	20.9
4 21	16 0.05	−36 8.7	1.776	2.649	13.2	20.7
5 1	15 50.71	−36 47.1	1.742	2.675	10.1	20.6
5 11	15 39.58	−37 4.7	1.731	2.702	7.4	20.5
5 21	15 27.91	−37 0.6	1.746	2.728	6.4	20.5
5 31	15 17.11	−36 37.5	1.788	2.754	7.9	20.6
6 10	15 8.33	−36 1.7	1.854	2.780	10.5	20.8
6 20	15 2.25	−35 19.9	1.943	2.806	13.2	21.1

423616 2005 WV_{118} 5 16.4 193°.35 2°.0/17.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 0.39	−28 5.0	2.151	2.965	13.3	21.9
4 21	15 54.93	−27 34.7	2.063	2.963	10.4	21.7
5 1	15 47.34	−26 50.6	1.998	2.961	6.9	21.5
5 11	15 38.37	−25 53.5	1.959	2.959	3.4	21.2
5 21	15 28.94	−24 46.0	1.948	2.956	2.4	21.2
5 31	15 20.04	−23 32.9	1.967	2.952	5.7	21.4
6 10	15 12.57	−22 20.0	2.012	2.948	9.3	21.6
6 20	15 7.12	−21 12.9	2.081	2.943	12.5	21.8

510734 2012 VK_{105} 5 16.4 280°.21 0°.1/16.4 18

4 11	15 58.05	−24 50.3	1.976	2.807	13.7	21.1
4 21	15 53.36	−23 33.8	1.876	2.790	10.5	20.9
5 1	15 46.47	−22 0.7	1.799	2.773	6.7	20.6
5 11	15 38.09	−20 14.0	1.750	2.756	2.4	20.3
5 21	15 29.16	−18 19.2	1.729	2.739	2.1	20.2
5 31	15 20.72	−16 24.0	1.738	2.721	6.5	20.5
6 10	15 13.68	−14 36.4	1.774	2.704	10.7	20.7
6 20	15 8.70	−13 2.7	1.833	2.686	14.3	20.9

437258 2012 XK_{96} 5 16.4 198°.53 0°.1/16.3 17

4 11	15 59.25	−18 51.4	2.323	3.155	11.9	21.3
4 21	15 53.90	−18 58.1	2.238	3.153	9.0	21.1
5 1	15 46.66	−19 0.7	2.177	3.152	5.6	20.9
5 11	15 38.14	−18 59.8	2.144	3.150	2.0	20.7
5 21	15 29.12	−18 56.5	2.139	3.148	1.8	20.7
5 31	15 20.48	−18 52.6	2.162	3.145	5.4	20.9
6 10	15 13.00	−18 50.5	2.212	3.143	8.8	21.1
6 20	15 7.28	−18 52.4	2.286	3.140	11.8	21.3

29487 1997 VU_{8} 5 16.4 172°.81 2°.1/17.9 18

4 11	16 0.72	−28 16.0	2.151	2.964	13.3	18.4
4 21	15 55.15	−27 49.5	2.067	2.967	10.4	18.2
5 1	15 47.46	−27 9.3	2.006	2.969	7.0	18.0
5 11	15 38.41	−26 16.3	1.972	2.971	3.5	17.8
5 21	15 28.93	−25 13.0	1.965	2.972	2.5	17.7
5 31	15 20.02	−24 3.8	1.988	2.973	5.6	17.9
6 10	15 12.55	−22 54.7	2.037	2.973	9.2	18.1
6 20	15 7.12	−21 50.9	2.111	2.973	12.3	18.3

469141 2015 FS_{121} 5 16.4 43°.51 4°.5/13.9 17

4 11	15 56.92	− 9 47.1	1.672	2.530	14.5	20.8
4 21	15 52.49	− 9 0.2	1.611	2.539	11.0	20.6
5 1	15 45.87	− 8 14.3	1.574	2.548	7.4	20.5
5 11	15 37.85	− 7 33.9	1.560	2.557	4.7	20.3
5 21	15 29.43	− 7 3.6	1.573	2.566	5.5	20.4
5 31	15 21.63	− 6 46.8	1.611	2.576	8.8	20.6
6 10	15 15.37	− 6 45.5	1.673	2.586	12.2	20.8
6 20	15 11.21	− 6 59.5	1.756	2.597	15.4	21.0

117755 2005 GN_{58} 5 16.4 70°.56 0°.3/16.5 17

4 11	16 1.47	−20 15.7	1.483	2.334	16.4	20.3
4 21	15 56.43	−20 16.8	1.416	2.340	12.5	20.0
5 1	15 48.59	−20 10.0	1.369	2.346	7.9	19.8
5 11	15 38.88	−19 56.5	1.346	2.353	2.8	19.5
5 21	15 28.52	−19 38.3	1.350	2.359	2.4	19.5
5 31	15 18.89	−19 19.1	1.379	2.366	7.3	19.8
6 10	15 11.16	−19 3.5	1.431	2.372	11.9	20.1
6 20	15 6.07	−18 55.0	1.505	2.379	15.8	20.3

504086 2006 BY_{237} 5 16.4 290°.80 8°.9/11.3 18

4 11	15 57.94	+ 1 40.6	1.770	2.612	14.6	20.7
4 21	15 53.43	+ 2 41.5	1.688	2.591	12.1	20.5
5 1	15 46.62	+ 3 33.4	1.627	2.571	9.9	20.3
5 11	15 38.20	+ 4 9.5	1.589	2.550	8.9	20.2
5 21	15 29.07	+ 4 24.3	1.577	2.530	9.8	20.2
5 31	15 20.30	+ 4 14.4	1.588	2.509	12.2	20.3
6 10	15 12.87	+ 3 39.6	1.622	2.489	15.1	20.5
6 20	15 7.51	+ 2 42.3	1.674	2.468	17.9	20.6

116418 2003 YW_{143} 5 16.4 340°.03 0°.6/16.6 18

4 11	16 0.46	−18 45.3	1.712	2.557	14.8	18.9
4 21	15 55.57	−19 21.6	1.629	2.551	11.3	18.7
5 1	15 48.09	−19 55.1	1.568	2.544	7.2	18.4
5 11	15 38.76	−20 25.1	1.532	2.538	2.7	18.1
5 21	15 28.60	−20 51.3	1.523	2.533	2.2	18.1
5 31	15 18.85	−21 14.6	1.541	2.528	6.8	18.4
6 10	15 10.67	−21 36.9	1.584	2.524	11.0	18.6
6 20	15 4.84	−22 0.7	1.649	2.520	14.7	18.8

268477 2005 XM_{59} 5 16.4 210°.39 1°.0/16.9 18

4 11	16 0.36	−23 13.2	2.059	2.887	13.3	21.1
4 21	15 55.03	−23 6.3	1.971	2.883	10.2	20.9
5 1	15 47.51	−22 50.6	1.907	2.878	6.6	20.7
5 11	15 38.48	−22 26.4	1.868	2.873	2.7	20.4
5 21	15 28.88	−21 55.6	1.858	2.867	2.0	20.4
5 31	15 19.71	−21 21.5	1.875	2.861	5.9	20.6
6 10	15 11.94	−20 48.2	1.919	2.854	9.7	20.8
6 20	15 6.20	−20 19.7	1.986	2.847	13.0	21.0

158050 2000 SQ_{198} 5 16.4 283°.90 1°.4/15.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 57.80	−17 48.3	1.742	2.592	14.3	20.8
4 21	15 53.43	−17 17.2	1.654	2.580	10.9	20.5
5 1	15 46.66	−16 39.0	1.589	2.567	6.8	20.3
5 11	15 38.22	−15 56.3	1.549	2.555	2.6	20.0
5 21	15 29.09	−15 12.9	1.535	2.542	2.9	20.0
5 31	15 20.39	−14 33.4	1.548	2.530	7.3	20.2
6 10	15 13.17	−14 2.4	1.585	2.517	11.6	20.4
6 20	15 8.16	−13 42.9	1.644	2.505	15.3	20.6

505902 2015 DW_{220} 5 16.4 223°.71 2°.9/18.1 17

4 11	15 59.63	−28 6.8	1.972	2.792	14.1	21.3
4 21	15 54.64	−28 10.3	1.888	2.790	11.1	21.1
5 1	15 47.33	−28 1.4	1.826	2.788	7.6	20.9
5 11	15 38.44	−27 39.5	1.789	2.786	4.1	20.7
5 21	15 28.94	−27 5.9	1.778	2.783	3.1	20.6
5 31	15 19.95	−26 23.8	1.796	2.781	6.2	20.8
6 10	15 12.46	−25 38.5	1.839	2.778	9.8	21.0
6 20	15 7.15	−24 55.0	1.905	2.776	13.1	21.2

233723 2008 SS_{153} 5 16.4 158°.67 2°.1/14.9 18

4 11	15 58.40	−14 33.5	2.252	3.091	11.9	21.2
4 21	15 53.16	−13 58.2	2.176	3.096	9.0	21.0
5 1	15 46.13	−13 19.9	2.126	3.101	5.7	20.8
5 11	15 37.95	−12 41.3	2.102	3.106	2.6	20.7
5 21	15 29.40	−12 5.6	2.107	3.110	3.1	20.7
5 31	15 21.32	−11 35.9	2.141	3.113	6.3	20.9
6 10	15 14.45	−11 14.9	2.200	3.117	9.6	21.1
6 20	15 9.29	−11 4.2	2.283	3.119	12.4	21.3

469875 2005 UU_{148} 5 16.4 129°.75 0°.7/16.7 17

4 11	15 59.95	−22 10.9	1.786	2.625	14.5	22.0
4 21	15 54.92	−22 2.2	1.711	2.628	11.1	21.8
5 1	15 47.50	−21 44.4	1.657	2.631	7.1	21.5
5 11	15 38.49	−21 18.6	1.629	2.634	2.7	21.2
5 21	15 28.92	−20 47.0	1.627	2.637	2.1	21.2
5 31	15 19.93	−20 13.5	1.653	2.639	6.4	21.5
6 10	15 12.53	−19 42.6	1.703	2.642	10.5	21.7
6 20	15 7.38	−19 18.2	1.776	2.644	14.0	22.0

67801 2000 UC_{110} 5 16.4 143°.99 4°.0/14.6 18

4 11	16 2.41	−10 4.0	1.679	2.526	14.9	19.6
4 21	15 56.68	− 9 37.0	1.611	2.533	11.4	19.4
5 1	15 48.55	− 9 11.1	1.567	2.540	7.5	19.1
5 11	15 38.85	− 8 50.1	1.548	2.546	4.4	19.0
5 21	15 28.63	− 8 37.3	1.555	2.552	5.1	19.0
5 31	15 19.06	− 8 35.7	1.589	2.557	8.6	19.2
6 10	15 11.14	− 8 46.8	1.647	2.562	12.3	19.5
6 20	15 5.52	− 9 10.7	1.727	2.566	15.6	19.7

294173 2007 TJ_{387} 5 16.4 224°.77 0°.2/16.3 17

4 11	15 57.68	−20 7.0	2.214	3.049	12.2	21.6
4 21	15 52.82	−19 48.4	2.127	3.044	9.3	21.4
5 1	15 46.03	−19 23.2	2.065	3.039	5.8	21.2
5 11	15 37.95	−18 52.8	2.028	3.034	2.1	20.9
5 21	15 29.39	−18 19.5	2.020	3.029	1.9	20.9
5 31	15 21.22	−17 46.7	2.040	3.024	5.7	21.1
6 10	15 14.28	−17 17.7	2.086	3.018	9.2	21.3
6 20	15 9.12	−16 55.6	2.156	3.012	12.3	21.5

144903 2004 XD_{22} 5 16.4 86°.55 2°.5/18.2 17

4 11	16 0.01	−29 38.6	1.957	2.772	14.4	19.6
4 21	15 54.66	−29 5.0	1.889	2.789	11.2	19.4
5 1	15 47.14	−28 15.9	1.844	2.806	7.6	19.2
5 11	15 38.30	−27 12.5	1.824	2.822	4.0	19.0
5 21	15 29.16	−25 58.3	1.832	2.838	2.8	19.0
5 31	15 20.78	−24 38.8	1.868	2.855	5.8	19.2
6 10	15 14.00	−23 20.6	1.931	2.871	9.4	19.4
6 20	15 9.38	−22 9.4	2.017	2.886	12.5	19.7

171763 2000 YM_{110} 5 16.4 191°.22 0°.9/16.9 17

4 11	16 3.23	−22 49.3	2.012	2.837	13.7	21.7
4 21	15 57.22	−22 43.1	1.926	2.836	10.5	21.5
5 1	15 48.90	−22 28.0	1.863	2.834	6.7	21.2
5 11	15 39.00	−22 4.4	1.827	2.831	2.7	21.0
5 21	15 28.51	−21 34.2	1.819	2.828	2.0	20.9
5 31	15 18.50	−21 0.6	1.839	2.823	6.1	21.2
6 10	15 9.97	−20 28.1	1.885	2.818	10.0	21.4
6 20	15 3.60	−20 0.6	1.955	2.812	13.4	21.6

413326 2003 WB_{62} 5 16.4 189°.46 0°.2/16.3 17

4 11	16 1.94	−20 31.3	2.025	2.856	13.4	22.4
4 21	15 56.16	−20 9.5	1.940	2.855	10.2	22.2
5 1	15 48.18	−19 39.8	1.880	2.854	6.4	21.9
5 11	15 38.74	−19 3.8	1.845	2.851	2.3	21.7
5 21	15 28.75	−18 24.1	1.840	2.848	2.0	21.6
5 31	15 19.26	−17 44.4	1.862	2.845	6.2	21.9
6 10	15 11.20	−17 9.2	1.911	2.840	10.1	22.1
6 20	15 5.20	−16 41.8	1.983	2.835	13.4	22.3

529 Preziosa 5 16.4 199°.16 0°.9/15.9 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 58.59	−16 27.0	2.466	3.299	11.2	15.3
4 21	15 53.28	−16 27.1	2.380	3.297	8.5	15.1
5 1	15 46.24	−16 24.5	2.320	3.294	5.3	14.9
5 11	15 38.02	−16 20.3	2.286	3.292	1.9	14.7
5 21	15 29.36	−16 16.0	2.282	3.289	2.0	14.7
5 31	15 21.03	−16 13.4	2.306	3.286	5.4	14.9
6 10	15 13.79	−16 14.4	2.357	3.283	8.6	15.1
6 20	15 8.16	−16 20.5	2.433	3.279	11.4	15.3

363738 2004 XT_{77} 5 16.4 146°.12 1°.2/17.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 3.67	−24 28.9	1.837	2.663	14.7	21.8
4 21	15 57.59	−24 11.1	1.764	2.674	11.3	21.6
5 1	15 49.09	−23 41.9	1.714	2.684	7.3	21.3
5 11	15 39.05	−23 2.1	1.689	2.693	3.0	21.1
5 21	15 28.53	−22 14.3	1.693	2.702	2.2	21.1
5 31	15 18.71	−21 23.3	1.724	2.709	6.3	21.3
6 10	15 10.59	−20 34.6	1.781	2.717	10.3	21.6
6 20	15 4.81	−19 52.7	1.862	2.723	13.8	21.8

310319 2011 UC_{141} 5 16.4 303°.40 0°.9/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 58.46	−16 42.5	1.912	2.758	13.5	20.6
4 21	15 53.94	−16 45.9	1.809	2.731	10.3	20.3
5 1	15 47.06	−16 46.3	1.728	2.705	6.5	20.0
5 11	15 38.44	−16 44.8	1.673	2.679	2.4	19.7
5 21	15 28.94	−16 42.9	1.645	2.653	2.5	19.7
5 31	15 19.64	−16 42.9	1.644	2.627	6.8	19.9
6 10	15 11.60	−16 47.3	1.668	2.601	11.0	20.1
6 20	15 5.62	−16 58.5	1.714	2.576	14.7	20.2

261763 2006 BC_{56} 5 16.4 39°.74 1°.3/17.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 50.59	−26 22.3	4.199	5.005	7.4	20.5
4 21	15 46.73	−26 18.8	4.110	5.007	5.7	20.3
5 1	15 41.89	−26 9.6	4.047	5.009	3.8	20.2
5 11	15 36.43	−25 55.4	4.012	5.010	2.0	20.1
5 21	15 30.76	−25 36.7	4.006	5.012	1.5	20.0
5 31	15 25.30	−25 15.1	4.030	5.014	3.1	20.1
6 10	15 20.44	−24 52.2	4.082	5.016	5.1	20.3
6 20	15 16.52	−24 29.9	4.160	5.017	6.9	20.4

488743 2004 RO_{251} 5 16.4 277°.41 15°.6/15.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 21.13	−39 44.1	1.253	2.036	22.6	21.5
4 21	16 15.26	−43 5.6	1.162	2.014	20.1	21.2
5 1	16 3.32	−46 22.3	1.089	1.991	17.5	21.0
5 11	15 45.24	−49 15.5	1.038	1.968	15.8	20.8
5 21	15 22.39	−51 24.4	1.010	1.945	15.9	20.7
5 31	14 58.12	−52 35.8	1.004	1.921	17.9	20.8
6 10	14 36.66	−52 53.1	1.018	1.898	21.0	20.9
6 20	14 21.18	−52 32.3	1.048	1.874	24.4	21.0

417277 2006 AJ_{57} 5 16.4 121°.85 6°.4/12.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 59.92	− 1 42.2	2.072	2.906	13.0	21.5
4 21	15 54.28	− 0 58.2	2.014	2.920	10.3	21.3
5 1	15 46.81	− 0 21.4	1.980	2.933	7.8	21.2
5 11	15 38.20	+ 0 3.8	1.972	2.946	6.4	21.1
5 21	15 29.29	+ 0 14.1	1.991	2.958	7.1	21.2
5 31	15 20.95	+ 0 7.8	2.037	2.970	9.2	21.3
6 10	15 13.92	− 0 15.1	2.106	2.981	11.8	21.5
6 20	15 8.71	− 0 52.9	2.197	2.992	14.2	21.7

422835 2002 CY_{300} 5 16.4 253°.53 7°.6/11.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 56.85	− 1 33.1	1.885	2.731	13.6	20.8
4 21	15 52.34	− 0 16.2	1.814	2.724	11.0	20.7
5 1	15 45.80	+ 0 55.0	1.765	2.717	8.7	20.5
5 11	15 37.91	+ 1 54.1	1.742	2.710	7.6	20.4
5 21	15 29.52	+ 2 35.6	1.744	2.703	8.6	20.5
5 31	15 21.58	+ 2 55.6	1.771	2.695	10.9	20.6
6 10	15 14.95	+ 2 53.1	1.820	2.688	13.7	20.7
6 20	15 10.22	+ 2 29.6	1.889	2.680	16.3	20.9

127829 2003 FH_{94} 5 16.4 82°.50 4°.7/17.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 9.07	−27 12.8	1.750	2.563	15.9	19.4
4 21	16 2.28	−28 37.6	1.675	2.571	12.6	19.2
5 1	15 52.44	−29 54.2	1.622	2.578	8.9	19.0
5 11	15 40.38	−30 57.7	1.595	2.585	5.6	18.8
5 21	15 27.34	−31 44.7	1.595	2.592	5.0	18.8
5 31	15 14.80	−32 14.7	1.623	2.599	7.7	19.0
6 10	15 4.13	−32 31.0	1.677	2.606	11.2	19.2
6 20	14 56.26	−32 38.9	1.753	2.613	14.5	19.4

261279 2005 UK_{135} 5 16.4 188°.52 1°.4/15.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 55.66	−15 51.4	2.706	3.541	10.3	21.9
4 21	15 50.92	−15 27.1	2.622	3.540	7.7	21.7
5 1	15 44.68	−14 59.7	2.564	3.539	4.8	21.5
5 11	15 37.48	−14 31.1	2.534	3.538	2.0	21.3
5 21	15 29.93	−14 3.6	2.532	3.537	2.3	21.3
5 31	15 22.72	−13 39.5	2.559	3.535	5.2	21.5
6 10	15 16.46	−13 21.3	2.613	3.534	8.1	21.7
6 20	15 11.62	−13 10.4	2.692	3.531	10.7	21.9

193520 2000 YS_{60} 5 16.4 140°.68 4°.7/19.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 1.71	−34 30.5	2.166	2.956	14.0	20.3
4 21	15 56.06	−34 34.8	2.087	2.963	11.4	20.2
5 1	15 48.13	−34 23.0	2.029	2.970	8.4	20.0
5 11	15 38.74	−33 53.9	1.997	2.977	5.7	19.8
5 21	15 28.87	−33 8.2	1.991	2.983	4.7	19.8
5 31	15 19.63	−32 9.6	2.013	2.990	6.4	19.9
6 10	15 11.94	−31 4.0	2.062	2.995	9.2	20.1
6 20	15 6.44	−29 57.5	2.134	3.001	12.0	20.3

222765 2002 CC_{77} 5 16.4 96°.19 7°.3/21.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 6.89	−40 17.7	2.025	2.786	15.8	20.3
4 21	16 0.22	−40 55.7	1.962	2.809	13.3	20.2
5 1	15 50.83	−41 13.8	1.920	2.831	10.6	20.0
5 11	15 39.70	−41 8.7	1.901	2.853	8.3	19.9
5 21	15 28.08	−40 40.0	1.907	2.875	7.3	19.9
5 31	15 17.33	−39 50.7	1.940	2.896	8.2	20.0
6 10	15 8.56	−38 47.7	1.998	2.917	10.3	20.2
6 20	15 2.43	−37 38.6	2.080	2.937	12.7	20.4

381158 2007 GP_{40} 5 16.4 25°.84 4°.8/17.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 7.28	−24 19.8	1.348	2.188	18.3	19.9
4 21	16 1.48	−26 4.7	1.285	2.198	14.4	19.7
5 1	15 52.19	−27 43.5	1.243	2.209	9.9	19.4
5 11	15 40.35	−29 9.8	1.225	2.221	5.9	19.2
5 21	15 27.44	−30 18.5	1.233	2.234	5.2	19.2
5 31	15 15.24	−31 8.1	1.266	2.247	8.7	19.5
6 10	15 5.35	−31 42.0	1.323	2.262	12.8	19.7
6 20	14 58.75	−32 5.7	1.400	2.277	16.6	20.0

336142 2008 QY_{18} 5 16.4 274°.57 6°.1/12.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 56.61	− 6 37.1	1.882	2.733	13.4	20.5
4 21	15 52.30	− 5 17.4	1.795	2.715	10.5	20.3
5 1	15 45.88	− 3 57.6	1.733	2.698	7.7	20.1
5 11	15 37.99	− 2 43.8	1.696	2.680	6.1	20.0
5 21	15 29.49	− 1 42.2	1.685	2.661	7.2	20.0
5 31	15 21.35	− 0 58.2	1.700	2.643	10.1	20.1
6 10	15 14.49	− 0 34.7	1.739	2.625	13.3	20.3
6 20	15 9.56	− 0 32.1	1.797	2.606	16.3	20.4

201613 2003 SQ_{212} 5 16.4 291°.21 8°.0/11.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 57.26	− 0 36.7	1.818	2.663	14.1	19.6
4 21	15 52.89	+ 0 24.9	1.733	2.642	11.5	19.4
5 1	15 46.30	+ 1 19.9	1.671	2.622	9.1	19.2
5 11	15 38.16	+ 2 1.9	1.633	2.601	8.0	19.1
5 21	15 29.33	+ 2 25.5	1.620	2.581	8.9	19.1
5 31	15 20.84	+ 2 27.0	1.631	2.560	11.4	19.2
6 10	15 13.65	+ 2 5.3	1.665	2.540	14.4	19.3
6 20	15 8.46	+ 1 22.3	1.718	2.519	17.3	19.5

277575 2005 YH_{200} 5 16.4 51°.87 7°.9/13.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 0.54	− 0 23.9	1.541	2.389	16.0	20.6
4 21	15 55.20	+ 0 11.2	1.497	2.409	12.8	20.4
5 1	15 47.55	+ 0 34.8	1.473	2.428	9.7	20.3
5 11	15 38.50	+ 0 41.6	1.474	2.448	8.0	20.2
5 21	15 29.15	+ 0 28.7	1.498	2.469	8.6	20.3
5 31	15 20.62	− 0 4.7	1.548	2.489	11.0	20.5
6 10	15 13.81	− 0 56.7	1.620	2.510	13.9	20.7
6 20	15 9.29	− 2 3.9	1.712	2.531	16.6	21.0

308446 2005 SQ_{211} 5 16.4 321°.66 0°.2/16.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 55.89	−20 52.9	2.035	2.876	12.9	21.1
4 21	15 51.71	−20 41.2	1.947	2.867	9.8	20.9
5 1	15 45.48	−20 22.3	1.882	2.858	6.2	20.6
5 11	15 37.84	−19 57.3	1.843	2.849	2.3	20.4
5 21	15 29.64	−19 28.6	1.831	2.840	1.9	20.3
5 31	15 21.82	−18 59.2	1.846	2.832	5.9	20.6
6 10	15 15.27	−18 32.9	1.887	2.824	9.7	20.8
6 20	15 10.63	−18 13.0	1.950	2.817	13.0	21.0

245295 2005 CE_{64} 5 16.4 158°.29 2°.1/15.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 2.24	−15 19.0	1.773	2.617	14.4	20.8
4 21	15 56.54	−14 51.8	1.701	2.623	10.9	20.6
5 1	15 48.48	−14 20.6	1.652	2.628	6.9	20.4
5 11	15 38.89	−13 48.4	1.628	2.633	2.9	20.2
5 21	15 28.78	−13 18.4	1.632	2.637	3.4	20.2
5 31	15 19.28	−12 54.4	1.664	2.641	7.4	20.5
6 10	15 11.37	−12 39.7	1.720	2.644	11.3	20.7
6 20	15 5.71	−12 36.1	1.798	2.646	14.7	20.9

173108 Ingola 5 16.4 197°.72 0°.1/16.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 52.17	−20 43.9	4.403	5.220	6.9	22.5
4 21	15 47.83	−20 30.7	4.309	5.216	5.2	22.4
5 1	15 42.56	−20 13.9	4.241	5.212	3.3	22.2
5 11	15 36.71	−19 54.2	4.202	5.207	1.2	22.1
5 21	15 30.64	−19 32.8	4.193	5.202	1.0	22.0
5 31	15 24.76	−19 10.9	4.214	5.196	3.1	22.2
6 10	15 19.44	−18 50.3	4.265	5.190	5.1	22.3
6 20	15 14.99	−18 32.1	4.341	5.184	6.9	22.5

353475 2011 SZ_{29} 5 16.4 25°.60 3°.6/17.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 2.28	−26 43.1	1.995	2.814	14.0	20.0
4 21	15 56.71	−27 41.4	1.919	2.819	11.0	19.9
5 1	15 48.72	−28 31.5	1.865	2.825	7.7	19.7
5 11	15 39.02	−29 10.8	1.837	2.831	4.6	19.5
5 21	15 28.62	−29 38.0	1.836	2.837	3.8	19.4
5 31	15 18.66	−29 53.6	1.863	2.844	6.4	19.6
6 10	15 10.20	−30 0.6	1.916	2.851	9.7	19.8
6 20	15 3.98	−30 2.9	1.992	2.858	12.8	20.0

336167 2008 RR_{30} 5 16.4 270°.72 5°.4/18.9 17

4 11	16 2.40	−32 32.3	1.883	2.687	15.3	20.8
4 21	15 57.18	−33 15.1	1.794	2.680	12.4	20.6
5 1	15 49.21	−33 44.2	1.727	2.673	9.3	20.3
5 11	15 39.25	−33 56.4	1.684	2.665	6.4	20.2
5 21	15 28.40	−33 50.3	1.666	2.658	5.5	20.1
5 31	15 17.98	−33 27.6	1.675	2.651	7.5	20.2
6 10	15 9.23	−32 53.3	1.709	2.643	10.7	20.4
6 20	15 2.99	−32 13.8	1.766	2.636	14.0	20.5

331544 2000 TG_{54} 5 16.4 250°.81 3°.9/13.5 18

4 11	15 57.63	−12 19.6	2.042	2.889	12.7	21.3
4 21	15 52.92	−11 4.7	1.952	2.874	9.7	21.1
5 1	15 46.19	− 9 45.0	1.885	2.858	6.4	20.8
5 11	15 38.09	− 8 25.4	1.845	2.842	4.0	20.7
5 21	15 29.44	− 7 11.4	1.834	2.826	5.0	20.7
5 31	15 21.16	− 6 8.5	1.849	2.809	8.2	20.9
6 10	15 14.12	− 5 20.9	1.891	2.792	11.7	21.0
6 20	15 8.92	− 4 50.6	1.953	2.775	14.8	21.2

478189 2011 UZ_{241} 5 16.4 243°.72 0°.4/16.7 18

4 11	15 56.99	−21 57.9	2.664	3.488	10.7	22.4
4 21	15 52.10	−21 40.3	2.563	3.474	8.2	22.2
5 1	15 45.53	−21 15.7	2.487	3.459	5.2	22.0
5 11	15 37.83	−20 45.1	2.439	3.444	2.0	21.8
5 21	15 29.66	−20 10.3	2.419	3.428	1.5	21.7
5 31	15 21.78	−19 34.0	2.429	3.412	4.9	21.9
6 10	15 14.88	−18 59.5	2.466	3.396	8.0	22.1
6 20	15 9.49	−18 29.7	2.527	3.380	10.9	22.2

317944 2003 WS_{63} 5 16.4 92°.57 0°.3/16.3 18

4 11	16 3.69	−19 2.1	1.609	2.452	15.7	20.5
4 21	15 57.75	−19 0.5	1.550	2.471	11.8	20.3
5 1	15 49.26	−18 52.7	1.513	2.489	7.4	20.1
5 11	15 39.15	−18 39.8	1.501	2.508	2.6	19.9
5 21	15 28.60	−18 24.1	1.516	2.525	2.3	19.9
5 31	15 18.86	−18 8.8	1.558	2.543	6.9	20.2
6 10	15 10.97	−17 57.8	1.625	2.560	11.1	20.5
6 20	15 5.57	−17 53.7	1.713	2.577	14.6	20.7

410265 2007 TS_{134} 5 16.4 287°.16 4°.6/18.2 17

4 11	16 1.97	−28 59.9	1.415	2.250	17.9	20.9
4 21	15 57.57	−29 28.3	1.328	2.237	14.3	20.7
5 1	15 49.82	−29 41.9	1.261	2.224	10.1	20.4
5 11	15 39.56	−29 37.4	1.216	2.211	6.0	20.1
5 21	15 28.12	−29 14.2	1.196	2.199	4.8	20.0
5 31	15 17.19	−28 35.5	1.200	2.186	8.3	20.2
6 10	15 8.32	−27 48.6	1.227	2.173	12.9	20.4
6 20	15 2.56	−27 1.4	1.274	2.161	17.2	20.6

346405 2008 SU_{152} 5 16.4 265°.99 5°.9/19.0 15

4 11	16 3.69	−34 0.5	2.015	2.807	14.8	21.4
4 21	15 58.20	−34 47.5	1.913	2.789	12.2	21.2
5 1	15 49.93	−35 21.4	1.833	2.771	9.4	20.9
5 11	15 39.55	−35 38.1	1.777	2.752	6.8	20.8
5 21	15 28.12	−35 35.6	1.747	2.733	6.0	20.7
5 31	15 16.95	−35 14.7	1.744	2.714	7.8	20.7
6 10	15 7.33	−34 40.2	1.766	2.695	10.8	20.9
6 20	15 0.19	−33 58.3	1.811	2.675	14.0	21.0

501238 2013 VG_{8} 5 16.4 189°.53 1°.0/15.7 17

4 11	15 59.28	−17 50.0	2.382	3.214	11.6	22.7
4 21	15 53.84	−17 20.7	2.297	3.213	8.7	22.5
5 1	15 46.61	−16 46.2	2.237	3.211	5.5	22.3
5 11	15 38.20	−16 8.4	2.204	3.209	2.0	22.1
5 21	15 29.38	−15 30.1	2.199	3.206	2.2	22.1
5 31	15 20.96	−14 54.4	2.224	3.203	5.7	22.3
6 10	15 13.69	−14 24.6	2.276	3.199	9.0	22.5
6 20	15 8.12	−14 3.0	2.352	3.194	11.9	22.7

22637 1998 MR_{22} 5 16.4 313°.60 5°.2/19.6 18

4 11	15 57.87	−34 6.9	1.674	2.488	16.5	17.2
4 21	15 54.00	−34 4.5	1.580	2.472	13.4	16.9
5 1	15 47.30	−33 41.7	1.506	2.457	10.0	16.7
5 11	15 38.58	−32 56.4	1.456	2.442	6.6	16.5
5 21	15 29.02	−31 49.5	1.429	2.427	5.3	16.3
5 31	15 19.99	−30 25.9	1.429	2.413	7.6	16.4
6 10	15 12.77	−28 54.0	1.453	2.399	11.3	16.6
6 20	15 8.18	−27 22.8	1.499	2.385	15.1	16.8

231140 2005 TJ_{135} 5 16.4 130°.39 0°.5/16.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 0.48	−22 30.7	2.208	3.034	12.6	21.5
4 21	15 54.79	−22 8.8	2.137	3.048	9.5	21.3
5 1	15 47.19	−21 38.5	2.089	3.061	6.0	21.1
5 11	15 38.40	−21 1.2	2.069	3.074	2.3	20.9
5 21	15 29.27	−20 19.5	2.077	3.086	1.7	20.9
5 31	15 20.71	−19 37.0	2.114	3.098	5.5	21.1
6 10	15 13.50	−18 57.6	2.178	3.109	8.9	21.4
6 20	15 8.17	−18 24.7	2.265	3.120	11.9	21.6

62910 2000 UK_{109} 5 16.4 131°.49 3°.0/14.6 18

4 11	15 57.11	− 9 57.7	2.468	3.307	11.0	18.6
4 21	15 52.08	− 9 40.7	2.394	3.311	8.4	18.5
5 1	15 45.44	− 9 24.8	2.345	3.316	5.5	18.3
5 11	15 37.78	− 9 12.3	2.323	3.321	3.2	18.2
5 21	15 29.78	− 9 5.4	2.329	3.325	3.7	18.2
5 31	15 22.15	− 9 5.9	2.364	3.330	6.3	18.4
6 10	15 15.58	− 9 14.9	2.425	3.334	9.1	18.5
6 20	15 10.55	− 9 32.8	2.509	3.338	11.7	18.7

270403 2002 AF_{198} 5 16.4 179°.36 2°.7/14.5 17

4 11	15 59.54	−12 3.6	2.566	3.398	10.9	22.1
4 21	15 53.84	−11 26.8	2.486	3.400	8.2	21.9
5 1	15 46.53	−10 48.6	2.430	3.402	5.3	21.7
5 11	15 38.17	−10 11.8	2.403	3.402	2.9	21.6
5 21	15 29.45	− 9 39.2	2.405	3.402	3.5	21.6
5 31	15 21.12	− 9 13.5	2.437	3.401	6.2	21.8
6 10	15 13.86	− 8 56.8	2.495	3.399	9.1	22.0
6 20	15 8.14	− 8 50.4	2.577	3.397	11.7	22.1

226 Weringia 5 16.4 319°.30 11°.3/ 9.5 18

4 11	15 55.46	+ 5 14.0	1.567	2.411	15.9	13.7
4 21	15 51.82	+ 6 37.1	1.493	2.392	13.7	13.5
5 1	15 45.76	+ 7 47.8	1.440	2.372	11.9	13.3
5 11	15 38.01	+ 8 37.1	1.409	2.353	11.3	13.2
5 21	15 29.54	+ 8 58.1	1.401	2.335	12.4	13.2
5 31	15 21.47	+ 8 47.1	1.414	2.317	14.6	13.3
6 10	15 14.89	+ 8 4.3	1.447	2.300	17.4	13.4
6 20	15 10.52	+ 6 53.7	1.496	2.283	20.0	13.6

72086 2000 YM_{41} 5 16.4 46°.02 2°.9/17.9 17

4 11	16 0.35	−27 52.8	1.421	2.261	17.5	19.2
4 21	15 55.87	−27 42.4	1.351	2.265	13.7	18.9
5 1	15 48.40	−27 15.0	1.301	2.270	9.3	18.7
5 11	15 38.94	−26 30.6	1.274	2.274	4.7	18.4
5 21	15 28.80	−25 32.2	1.272	2.279	3.3	18.3
5 31	15 19.48	−24 25.9	1.295	2.285	7.4	18.6
6 10	15 12.24	−23 19.8	1.343	2.290	11.9	18.9
6 20	15 7.80	−22 21.0	1.411	2.296	16.0	19.1

214262 2005 GB_{14} 5 16.4 329°.04 4°.8/14.1 17

4 11	15 53.20	−12 55.4	1.135	2.020	17.9	19.9
4 21	15 51.03	−11 59.7	1.055	1.998	13.7	19.6
5 1	15 45.74	−10 57.9	0.995	1.978	9.1	19.3
5 11	15 38.12	− 9 56.6	0.957	1.959	5.2	19.0
5 21	15 29.42	− 9 3.5	0.940	1.941	6.4	19.0
5 31	15 21.20	− 8 26.5	0.945	1.924	11.3	19.2
6 10	15 14.93	− 8 11.0	0.970	1.908	16.4	19.4
6 20	15 11.60	− 8 18.7	1.012	1.894	21.0	19.6

39123 2000 WR_{42} 5 16.4 243°.42 1°.3/15.6 18

4 11	15 58.85	−17 7.6	1.990	2.832	13.1	19.5
4 21	15 53.95	−16 42.9	1.901	2.823	9.9	19.3
5 1	15 46.90	−16 13.0	1.836	2.813	6.2	19.0
5 11	15 38.38	−15 40.0	1.797	2.803	2.4	18.8
5 21	15 29.26	−15 6.8	1.786	2.793	2.7	18.8
5 31	15 20.54	−14 37.0	1.802	2.782	6.6	19.0
6 10	15 13.14	−14 14.3	1.844	2.772	10.5	19.2
6 20	15 7.71	−14 1.1	1.909	2.761	13.8	19.4

391731 2008 CX_{146} 5 16.4 46°.27 5°.6/12.4 17

4 11	15 54.65	− 5 6.3	2.141	2.989	12.1	20.8
4 21	15 50.41	− 4 1.8	2.077	2.993	9.5	20.6
5 1	15 44.46	− 3 0.8	2.037	2.998	7.0	20.4
5 11	15 37.45	− 2 8.0	2.023	3.003	5.6	20.4
5 21	15 30.10	− 1 27.8	2.035	3.009	6.4	20.4
5 31	15 23.20	− 1 3.3	2.074	3.014	8.7	20.6
6 10	15 17.46	− 0 55.7	2.137	3.019	11.3	20.7
6 20	15 13.36	− 1 4.7	2.221	3.025	13.8	20.9

267043 1998 HQ_{10} 5 16.4 94°.27 2°.8/17.7 17

4 11	16 4.02	−25 54.2	1.875	2.696	14.7	20.3
4 21	15 57.94	−26 25.9	1.808	2.712	11.4	20.2
5 1	15 49.41	−26 47.6	1.763	2.727	7.7	20.0
5 11	15 39.25	−26 58.1	1.745	2.743	4.0	19.8
5 21	15 28.56	−26 57.3	1.753	2.758	3.2	19.7
5 31	15 18.53	−26 47.6	1.789	2.773	6.3	20.0
6 10	15 10.18	−26 33.1	1.851	2.788	9.9	20.2
6 20	15 4.18	−26 18.2	1.936	2.802	13.1	20.4

435785 2008 UW_{337} 5 16.4 181°.50 0°.1/16.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 58.11	−21 29.8	2.059	2.895	13.0	21.9
4 21	15 53.26	−21 1.6	1.978	2.895	9.9	21.7
5 1	15 46.38	−20 24.7	1.921	2.895	6.2	21.5
5 11	15 38.17	−19 41.1	1.889	2.895	2.2	21.2
5 21	15 29.49	−18 53.6	1.886	2.895	1.9	21.2
5 31	15 21.30	−18 6.4	1.910	2.895	5.9	21.5
6 10	15 14.46	−17 23.8	1.961	2.894	9.6	21.7
6 20	15 9.54	−16 49.3	2.034	2.893	12.8	21.9

459156 2012 CY_{54} 5 16.4 2°.45 9°.3/12.1 16

4 11	15 30.11	− 8 48.3	0.577	1.520	20.7	18.5
4 21	15 34.57	− 7 22.9	0.540	1.513	16.1	18.2
5 1	15 35.70	− 6 0.1	0.519	1.510	11.7	18.0
5 11	15 34.55	− 4 55.1	0.513	1.512	9.3	17.9
5 21	15 32.56	− 4 20.2	0.522	1.520	10.9	18.0
5 31	15 31.36	− 4 22.5	0.546	1.532	14.9	18.2
6 10	15 32.28	− 5 1.0	0.585	1.548	19.3	18.6
6 20	15 35.96	− 6 9.0	0.637	1.569	23.3	18.9

312045 2007 RZ_{232} 5 16.4 192°.24 2°.1/15.2 16

4 11	16 2.19	−15 41.6	2.000	2.837	13.3	22.5
4 21	15 56.34	−15 3.5	1.917	2.835	10.0	22.3
5 1	15 48.34	−14 20.6	1.858	2.833	6.3	22.1
5 11	15 38.88	−13 35.6	1.825	2.829	2.7	21.9
5 21	15 28.89	−12 52.2	1.821	2.825	3.3	21.9
5 31	15 19.40	−12 14.5	1.846	2.820	7.0	22.1
6 10	15 11.30	−11 46.2	1.896	2.814	10.8	22.3
6 20	15 5.24	−11 29.4	1.969	2.807	14.0	22.5

72180 2000 YT_{114} 5 16.4 27°.96 1°.5/16.9 17

4 11	16 0.23	−22 37.0	1.279	2.136	18.0	19.1
4 21	15 55.98	−22 47.5	1.215	2.142	13.8	18.9
5 1	15 48.59	−22 47.4	1.171	2.148	8.9	18.6
5 11	15 39.05	−22 36.6	1.149	2.154	3.7	18.3
5 21	15 28.76	−22 17.2	1.152	2.162	2.7	18.3
5 31	15 19.29	−21 53.3	1.179	2.169	7.8	18.6
6 10	15 11.98	−21 30.8	1.229	2.177	12.7	18.9
6 20	15 7.61	−21 14.4	1.298	2.186	16.9	19.2

282808 2006 QP_{184} 5 16.4 246°.35 4°.5/13.2 17

4 11	15 55.88	− 7 32.9	2.252	3.097	11.7	20.6
4 21	15 51.37	− 6 42.0	2.172	3.090	9.1	20.4
5 1	15 45.12	− 5 52.4	2.116	3.083	6.4	20.3
5 11	15 37.72	− 5 8.2	2.087	3.076	4.6	20.1
5 21	15 29.89	− 4 33.0	2.085	3.069	5.4	20.2
5 31	15 22.44	− 4 10.2	2.110	3.062	7.9	20.3
6 10	15 16.07	− 4 1.5	2.160	3.054	10.7	20.5
6 20	15 11.33	− 4 7.3	2.232	3.047	13.4	20.6

102373 1999 TP_{144} 5 16.4 200°.48 3°.3/17.9 18

4 11	16 4.24	−27 42.4	1.841	2.658	15.1	20.3
4 21	15 58.42	−28 5.7	1.756	2.656	11.9	20.1
5 1	15 49.92	−28 17.5	1.692	2.653	8.2	19.8
5 11	15 39.52	−28 16.0	1.653	2.649	4.6	19.6
5 21	15 28.33	−28 0.9	1.642	2.645	3.6	19.5
5 31	15 17.65	−27 35.1	1.657	2.641	6.8	19.7
6 10	15 8.64	−27 3.4	1.698	2.636	10.6	19.9
6 20	15 2.11	−26 31.5	1.762	2.630	14.1	20.1

435729 2008 UE_{85} 5 16.4 247°.78 7°.8/10.6 18

4 11	16 2.47	−15 49.3	1.085	1.958	19.5	21.1
4 21	15 57.97	−12 21.6	1.012	1.949	14.9	20.8
5 1	15 49.97	− 8 28.0	0.961	1.939	10.1	20.5
5 11	15 39.58	− 4 26.0	0.936	1.929	7.8	20.3
5 21	15 28.33	− 0 38.3	0.937	1.918	10.6	20.4
5 31	15 17.99	+ 2 33.4	0.963	1.908	15.6	20.7
6 10	15 10.03	+ 4 56.7	1.010	1.897	20.6	20.9
6 20	15 5.28	+ 6 29.7	1.073	1.885	24.8	21.2

255641 2006 QH_{9} 5 16.4 232°.13 3°.6/18.3 17

4 11	16 2.71	−29 5.3	1.781	2.599	15.5	21.2
4 21	15 57.40	−29 17.4	1.692	2.592	12.3	20.9
5 1	15 49.35	−29 15.5	1.624	2.583	8.6	20.7
5 11	15 39.34	−28 58.2	1.580	2.575	5.0	20.5
5 21	15 28.51	−28 25.7	1.562	2.566	3.9	20.4
5 31	15 18.17	−27 41.6	1.572	2.556	7.0	20.5
6 10	15 9.54	−26 51.9	1.607	2.546	10.9	20.7
6 20	15 3.44	−26 3.0	1.664	2.536	14.6	20.9

36183 1999 TX_{16} 5 16.4 262°.14 1°.4/16.3 18 R

4 11	16 40.60	−10 12.5	1.059	1.870	24.2	18.8
4 21	16 30.91	−12 40.5	0.939	1.839	19.6	18.4
5 1	16 14.10	−15 48.0	0.839	1.805	13.2	17.9
5 11	15 49.63	−19 31.3	0.765	1.770	5.1	17.3
5 21	15 18.62	−23 29.9	0.725	1.733	4.9	17.1
5 31	14 44.72	−27 11.8	0.719	1.693	14.6	17.4
6 10	14 13.07	−30 15.2	0.744	1.652	23.6	17.8
6 20	13 47.59	−32 40.4	0.790	1.609	31.0	18.1

147766 Elisatoffoli 5 16.4 254°.10 0°.2/16.3 18

	h m	° ′			°	m
4 11	15 58.77	−18 22.4	2.266	3.101	12.0	19.8
4 21	15 53.65	−18 30.8	2.182	3.098	9.1	19.6
5 1	15 46.62	−18 35.4	2.121	3.095	5.7	19.3
5 11	15 38.29	−18 37.0	2.087	3.093	2.0	19.1
5 21	15 29.43	−18 36.6	2.081	3.090	1.8	19.1
5 31	15 20.95	−18 36.0	2.104	3.087	5.5	19.3
6 10	15 13.64	−18 37.5	2.153	3.085	9.0	19.5
6 20	15 8.09	−18 42.9	2.226	3.082	12.0	19.7

300983 2008 EK_{138} 5 16.4 112°.84 4°.9/12.2 18

4 11	15 55.32	− 5 15.6	2.595	3.432	10.6	21.3
4 21	15 50.57	− 4 4.9	2.536	3.447	8.2	21.2
5 1	15 44.42	− 2 57.0	2.503	3.462	6.1	21.1
5 11	15 37.43	− 1 56.3	2.498	3.476	4.9	21.0
5 21	15 30.22	− 1 6.4	2.521	3.490	5.6	21.1
5 31	15 23.44	− 0 30.2	2.571	3.503	7.6	21.2
6 10	15 17.66	− 0 9.0	2.646	3.517	9.8	21.4
6 20	15 13.27	− 0 2.7	2.744	3.530	11.9	21.6

494329 2016 TG_{14} 5 16.4 201°.33 3°.8/19.3 17

4 11	15 58.27	−33 11.8	2.634	3.422	11.8	21.8
4 21	15 53.19	−33 14.7	2.543	3.420	9.5	21.6
5 1	15 46.28	−33 4.9	2.475	3.418	7.0	21.5
5 11	15 38.15	−32 41.6	2.433	3.416	4.7	21.3
5 21	15 29.58	−32 5.6	2.419	3.413	3.8	21.2
5 31	15 21.41	−31 19.3	2.433	3.410	5.4	21.3
6 10	15 14.42	−30 27.1	2.474	3.407	7.9	21.5
6 20	15 9.16	−29 33.3	2.540	3.404	10.5	21.6

266956 2010 UB_{49} 5 16.4 269°.95 0°.5/16.2 17

4 11	16 0.83	−19 54.0	1.673	2.518	15.1	21.6
4 21	15 56.07	−19 32.5	1.574	2.496	11.6	21.3
5 1	15 48.59	−19 2.0	1.498	2.474	7.4	21.0
5 11	15 39.12	−18 23.9	1.446	2.452	2.6	20.6
5 21	15 28.68	−17 41.3	1.420	2.429	2.5	20.6
5 31	15 18.57	−16 58.8	1.421	2.406	7.5	20.8
6 10	15 10.03	−16 21.8	1.447	2.382	12.2	21.0
6 20	15 3.91	−15 54.9	1.494	2.359	16.4	21.2

356666 2011 UN_{77} 5 16.4 211°.04 1°.6/17.5 18

4 11	15 57.91	−25 11.4	2.677	3.491	11.0	22.0
4 21	15 52.80	−25 12.6	2.585	3.487	8.5	21.9
5 1	15 46.00	−25 5.9	2.516	3.482	5.6	21.7
5 11	15 38.05	−24 51.5	2.476	3.476	2.7	21.5
5 21	15 29.66	−24 30.5	2.463	3.471	2.0	21.4
5 31	15 21.59	−24 4.8	2.480	3.465	4.7	21.6
6 10	15 14.56	−23 37.8	2.525	3.459	7.7	21.8
6 20	15 9.10	−23 12.3	2.594	3.452	10.4	21.9

107539 2001 DB_{70} 5 16.4 131°.25 5°.1/13.4 18

4 11	16 0.89	− 8 38.2	1.820	2.666	14.0	19.8
4 21	15 55.30	− 7 33.1	1.760	2.679	10.7	19.6
5 1	15 47.60	− 6 29.1	1.723	2.692	7.4	19.5
5 11	15 38.60	− 5 31.4	1.712	2.704	5.2	19.4
5 21	15 29.25	− 4 44.9	1.729	2.715	6.0	19.4
5 31	15 20.56	− 4 13.8	1.772	2.726	9.0	19.6
6 10	15 13.38	− 3 59.9	1.840	2.736	12.2	19.8
6 20	15 8.26	− 4 3.1	1.928	2.746	15.1	20.1

161260 2003 FU_{16} 5 16.4 4°.83 1°.0/15.9 18

4 11	15 58.48	−16 4.8	2.079	2.921	12.7	19.5
4 21	15 53.54	−16 11.4	2.000	2.921	9.6	19.3
5 1	15 46.59	−16 15.8	1.945	2.921	6.0	19.0
5 11	15 38.29	−16 19.0	1.916	2.922	2.2	18.8
5 21	15 29.46	−16 22.3	1.915	2.922	2.3	18.8
5 31	15 21.06	−16 27.6	1.941	2.923	6.0	19.0
6 10	15 13.92	−16 36.8	1.993	2.924	9.6	19.3
6 20	15 8.66	−16 51.3	2.069	2.925	12.8	19.5

62711 2000 TK_{42} 5 16.4 97°.22 1°.2/17.1 18

4 11	15 59.79	−22 29.7	2.312	3.136	12.1	19.3
4 21	15 54.35	−22 47.0	2.236	3.146	9.3	19.2
5 1	15 47.01	−22 58.0	2.185	3.155	6.0	19.0
5 11	15 38.41	−23 2.6	2.160	3.164	2.6	18.8
5 21	15 29.37	−23 1.5	2.164	3.172	1.9	18.7
5 31	15 20.77	−22 56.5	2.196	3.181	5.2	19.0
6 10	15 13.42	−22 50.2	2.255	3.190	8.5	19.2
6 20	15 7.87	−22 45.4	2.338	3.198	11.4	19.4

503988 2004 TJ_{202} 5 16.4 219°.25 3°.3/17.8 18

4 11	16 5.17	−26 51.1	2.186	2.993	13.3	21.9
4 21	15 58.86	−27 39.0	2.092	2.987	10.5	21.6
5 1	15 50.12	−28 19.2	2.022	2.980	7.3	21.4
5 11	15 39.62	−28 49.3	1.979	2.972	4.3	21.2
5 21	15 28.29	−29 7.7	1.964	2.965	3.5	21.2
5 31	15 17.26	−29 15.3	1.977	2.957	6.2	21.3
6 10	15 7.59	−29 14.9	2.018	2.948	9.6	21.5
6 20	15 0.07	−29 10.5	2.083	2.940	12.7	21.7

382453 2000 QY_{15} 5 16.4 266°.17 3°.1/14.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 59.07	−12 49.0	1.939	2.785	13.3	20.9
4 21	15 54.25	−12 12.4	1.843	2.765	10.1	20.7
5 1	15 47.20	−11 32.9	1.769	2.745	6.6	20.4
5 11	15 38.56	−10 53.9	1.722	2.724	3.5	20.2
5 21	15 29.20	−10 19.0	1.702	2.702	4.2	20.2
5 31	15 20.14	− 9 52.3	1.709	2.680	7.8	20.4
6 10	15 12.36	− 9 37.2	1.742	2.658	11.6	20.5
6 20	15 6.57	− 9 35.2	1.796	2.636	15.1	20.7

7049 Meibom 5 16.4 131°.88 1°.2/15.9 18

4 11	16 3.63	−17 31.7	1.559	2.405	15.9	18.0
4 21	15 57.89	−17 14.2	1.492	2.415	12.0	17.8
5 1	15 49.49	−16 50.7	1.447	2.424	7.5	17.6
5 11	15 39.34	−16 23.7	1.427	2.433	2.8	17.3
5 21	15 28.63	−15 56.2	1.434	2.442	2.9	17.3
5 31	15 18.66	−15 32.3	1.467	2.450	7.6	17.6
6 10	15 10.55	−15 16.0	1.525	2.457	11.9	17.9
6 20	15 4.98	−15 9.8	1.604	2.464	15.6	18.1

508059 2015 BO_{537} 5 16.4 278°.03 9°.3/10.4 17

4 11	15 57.37	+ 3 12.7	1.864	2.699	14.2	20.9
4 21	15 52.88	+ 4 28.2	1.787	2.684	11.9	20.7
5 1	15 46.27	+ 5 34.3	1.734	2.669	10.0	20.6
5 11	15 38.20	+ 6 24.0	1.704	2.653	9.3	20.5
5 21	15 29.54	+ 6 51.6	1.699	2.638	10.2	20.5
5 31	15 21.27	+ 6 53.6	1.717	2.622	12.4	20.6
6 10	15 14.29	+ 6 29.9	1.757	2.606	14.9	20.7
6 20	15 9.26	+ 5 42.8	1.816	2.590	17.4	20.9

522885 2016 OW_7 5 16.4 204°.84 8°.3/ 6.8 18

4 11	15 54.65	+13 12.4	3.221	4.000	10.1	22.3
4 21	15 49.95	+14 28.4	3.160	3.994	9.0	22.2
5 1	15 44.03	+15 33.1	3.122	3.988	8.4	22.2
5 11	15 37.32	+16 22.5	3.110	3.981	8.3	22.1
5 21	15 30.33	+16 53.5	3.123	3.974	8.9	22.2
5 31	15 23.61	+17 4.6	3.159	3.967	9.9	22.2
6 10	15 17.67	+16 56.0	3.217	3.959	11.2	22.3
6 20	15 12.89	+16 29.4	3.294	3.950	12.3	22.4

478090 2011 UD_{45} 5 16.4 179°.23 2°.4/14.2 18

4 11	15 55.47	−14 10.6	2.688	3.525	10.3	21.7
4 21	15 50.76	−13 8.0	2.607	3.526	7.7	21.6
5 1	15 44.60	−12 1.8	2.553	3.527	4.9	21.4
5 11	15 37.52	−10 55.3	2.526	3.527	2.6	21.2
5 21	15 30.16	− 9 52.2	2.529	3.527	3.3	21.3
5 31	15 23.16	− 8 56.2	2.561	3.526	5.9	21.4
6 10	15 17.13	− 8 10.3	2.621	3.526	8.7	21.6
6 20	15 12.50	− 7 36.2	2.704	3.525	11.1	21.8

134710 1999 XR_{230} 5 16.4 196°.76 1°.9/17.4 17

4 11	16 3.57	−24 54.5	1.997	2.817	13.9	20.3
4 21	15 57.64	−25 2.6	1.910	2.815	10.8	20.1
5 1	15 49.30	−25 1.1	1.845	2.812	7.2	19.9
5 11	15 39.30	−24 49.4	1.807	2.808	3.4	19.7
5 21	15 28.63	−24 28.4	1.796	2.803	2.5	19.6
5 31	15 18.42	−24 1.0	1.813	2.798	6.1	19.8
6 10	15 9.72	−23 31.5	1.857	2.792	9.9	20.0
6 20	15 3.23	−23 4.5	1.924	2.786	13.4	20.2

125641 2001 XO_{63} 5 16.4 255°.68 3°.9/18.8 18

4 11	16 1.16	−31 37.0	1.996	2.801	14.5	19.6
4 21	15 56.04	−31 32.6	1.895	2.785	11.6	19.3
5 1	15 48.42	−31 12.3	1.816	2.769	8.3	19.1
5 11	15 39.02	−30 34.7	1.762	2.752	5.1	18.9
5 21	15 28.85	−29 40.6	1.734	2.735	4.0	18.7
5 31	15 19.12	−28 34.1	1.734	2.717	6.6	18.9
6 10	15 10.91	−27 21.4	1.760	2.699	10.2	19.0
6 20	15 4.99	−26 9.6	1.810	2.681	13.7	19.2

247306 2001 TR_{88} 5 16.4 284°.55 1°.1/15.7 18

4 11	15 56.89	−18 33.6	2.148	2.988	12.4	21.3
4 21	15 52.48	−17 58.0	2.043	2.964	9.4	21.0
5 1	15 46.03	−17 15.0	1.962	2.939	5.9	20.8
5 11	15 38.14	−16 26.8	1.907	2.913	2.2	20.5
5 21	15 29.60	−15 36.6	1.881	2.888	2.4	20.4
5 31	15 21.32	−14 48.6	1.882	2.862	6.4	20.6
6 10	15 14.19	−14 7.1	1.909	2.837	10.2	20.8
6 20	15 8.87	−13 35.3	1.959	2.811	13.6	21.0

161452 2003 YJ_{139} 5 16.4 195°.58 3°.5/18.6 18

4 11	16 1.34	−30 43.1	2.545	3.339	12.0	20.8
4 21	15 55.59	−31 0.8	2.453	3.337	9.6	20.6
5 1	15 47.85	−31 7.5	2.385	3.334	6.9	20.4
5 11	15 38.76	−31 2.1	2.343	3.330	4.3	20.2
5 21	15 29.13	−30 44.6	2.329	3.326	3.5	20.2
5 31	15 19.87	−30 17.2	2.344	3.322	5.5	20.3
6 10	15 11.83	−29 43.4	2.386	3.317	8.3	20.5
6 20	15 5.60	−29 7.5	2.453	3.311	10.9	20.6

39946 1998 FP_{111} 5 16.4 63°.51 6°.2/12.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 2.28	−13 28.3	1.283	2.147	17.6	17.4
4 21	15 56.65	−10 49.9	1.248	2.178	13.2	17.2
5 1	15 48.44	− 8 7.7	1.235	2.210	8.8	17.1
5 11	15 38.86	− 5 34.3	1.248	2.242	6.2	17.0
5 21	15 29.22	− 3 21.5	1.288	2.273	7.8	17.2
5 31	15 20.78	− 1 38.1	1.353	2.304	11.4	17.5
6 10	15 14.45	− 0 27.4	1.441	2.335	15.0	17.8
6 20	15 10.68	+ 0 12.0	1.548	2.366	18.1	18.1

285402 1999 TO_{309} 5 16.4 220°.34 1°.3/17.4 18

4 11	15 57.48	−24 37.3	2.888	3.701	10.3	21.9
4 21	15 52.39	−24 38.6	2.792	3.694	7.9	21.7
5 1	15 45.72	−24 33.0	2.720	3.685	5.2	21.5
5 11	15 37.98	−24 20.6	2.676	3.677	2.4	21.3
5 21	15 29.81	−24 2.2	2.661	3.668	1.8	21.3
5 31	15 21.91	−23 39.9	2.675	3.659	4.5	21.4
6 10	15 14.96	−23 16.3	2.717	3.649	7.3	21.6
6 20	15 9.44	−22 54.1	2.784	3.639	9.9	21.8

80539 2000 AT_{79} 5 16.4 212°.27 0°.2/16.6 18

4 11	16 1.79	−21 29.4	2.040	2.870	13.4	20.4
4 21	15 56.19	−21 11.4	1.950	2.863	10.2	20.2
5 1	15 48.34	−20 44.9	1.882	2.855	6.5	19.9
5 11	15 38.97	−20 11.0	1.841	2.847	2.4	19.7
5 21	15 28.97	−19 32.1	1.828	2.838	1.9	19.6
5 31	15 19.41	−18 52.0	1.844	2.828	6.1	19.9
6 10	15 11.23	−18 14.9	1.886	2.817	10.0	20.1
6 20	15 5.12	−17 44.8	1.951	2.806	13.5	20.3

216634 2003 EB_{40} 5 16.4 13°.78 8°.8/12.6 18

4 11	15 57.26	+ 3 34.1	1.752	2.591	14.8	19.7
4 21	15 52.72	+ 4 9.3	1.695	2.595	12.2	19.5
5 1	15 46.09	+ 4 31.1	1.659	2.599	10.0	19.4
5 11	15 38.12	+ 4 34.2	1.646	2.605	8.8	19.4
5 21	15 29.74	+ 4 15.5	1.658	2.611	9.4	19.4
5 31	15 21.93	+ 3 34.3	1.695	2.618	11.4	19.5
6 10	15 15.56	+ 2 32.3	1.753	2.625	13.9	19.7
6 20	15 11.20	+ 1 13.5	1.832	2.633	16.3	19.9

34641 2000 WL_2 5 16.4 269°.48 3°.9/14.1 18

4 11	15 57.09	− 7 53.2	2.307	3.148	11.6	19.2
4 21	15 52.30	− 7 30.7	2.222	3.139	8.9	19.0
5 1	15 45.75	− 7 10.5	2.161	3.129	6.1	18.8
5 11	15 38.01	− 6 55.6	2.127	3.120	4.1	18.7
5 21	15 29.80	− 6 48.4	2.120	3.111	4.6	18.7
5 31	15 21.91	− 6 51.1	2.141	3.101	7.2	18.8
6 10	15 15.08	− 7 5.0	2.187	3.092	10.2	19.0
6 20	15 9.88	− 7 29.9	2.257	3.082	12.9	19.2

32473 2000 SG_{210} 5 16.4 54°.13 1°.6/15.8 18

4 11	16 1.45	−14 47.1	1.629	2.479	15.2	17.8
4 21	15 56.17	−14 54.8	1.563	2.488	11.4	17.6
5 1	15 48.40	−15 1.1	1.520	2.498	7.2	17.3
5 11	15 38.98	−15 7.4	1.502	2.507	2.8	17.1
5 21	15 29.01	−15 15.1	1.509	2.517	2.9	17.1
5 31	15 19.68	−15 26.3	1.544	2.527	7.3	17.4
6 10	15 12.04	−15 42.9	1.603	2.537	11.4	17.6
6 20	15 6.77	−16 6.3	1.684	2.547	14.9	17.9

52703 1998 FW_{72} 5 16.4 104°.47 0°.2/16.5 18

4 11	15 57.91	−20 54.4	2.376	3.206	11.7	19.5
4 21	15 52.81	−20 42.5	2.305	3.219	8.8	19.3
5 1	15 45.98	−20 24.3	2.258	3.231	5.5	19.2
5 11	15 38.06	−20 1.1	2.237	3.243	2.0	18.9
5 21	15 29.80	−19 34.9	2.245	3.255	1.6	18.9
5 31	15 22.02	−19 8.4	2.282	3.266	5.1	19.2
6 10	15 15.43	−18 44.5	2.346	3.278	8.3	19.4
6 20	15 10.51	−18 25.9	2.433	3.289	11.1	19.6

354797 2005 UX_{517} 5 16.4 340°.82 4°.6/13.6 16

4 11	15 55.67	− 6 39.8	2.207	3.053	11.9	21.3
4 21	15 51.24	− 6 3.8	2.133	3.051	9.2	21.1
5 1	15 45.06	− 5 30.6	2.083	3.049	6.5	20.9
5 11	15 37.75	− 5 3.9	2.058	3.048	4.7	20.8
5 21	15 30.04	− 4 47.0	2.061	3.046	5.3	20.8
5 31	15 22.73	− 4 42.1	2.091	3.045	7.8	21.0
6 10	15 16.53	− 4 50.5	2.145	3.044	10.6	21.1
6 20	15 11.96	− 5 11.9	2.222	3.043	13.2	21.3

337880 2001 WG_{70} 5 16.4 281°.58 0°.4/16.8 18

4 11	15 52.75	−20 32.8	4.341	5.158	7.0	20.7
4 21	15 48.36	−20 46.0	4.244	5.151	5.3	20.5
5 1	15 42.99	−20 56.6	4.174	5.144	3.4	20.4
5 11	15 36.98	−21 4.6	4.132	5.137	1.3	20.2
5 21	15 30.69	−21 10.6	4.121	5.130	1.0	20.2
5 31	15 24.56	−21 15.4	4.139	5.123	3.1	20.3
6 10	15 18.98	−21 20.0	4.187	5.115	5.1	20.5
6 20	15 14.26	−21 25.4	4.261	5.108	6.9	20.6

496888 2000 UF_{44} 5 16.4 190°.93 1°.9/17.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 3.25	−24 39.7	2.463	3.273	11.9	22.1
4 21	15 57.00	−25 0.9	2.372	3.271	9.2	21.9
5 1	15 48.74	−25 14.9	2.306	3.269	6.1	21.7
5 11	15 39.10	−25 20.9	2.266	3.266	3.0	21.5
5 21	15 28.89	−25 19.1	2.257	3.263	2.3	21.4
5 31	15 19.02	−25 10.9	2.276	3.259	5.2	21.6
6 10	15 10.35	−24 59.4	2.323	3.254	8.5	21.8
6 20	15 3.52	−24 47.8	2.395	3.249	11.4	22.0

43802 1991 PY_{18} 5 16.4 268°.21 2°.4/17.6 18

4 11	16 1.93	−26 2.2	1.738	2.567	15.3	19.3
4 21	15 56.98	−26 6.6	1.637	2.546	12.0	19.0
5 1	15 49.24	−25 58.9	1.558	2.525	8.1	18.7
5 11	15 39.41	−25 38.2	1.503	2.504	4.0	18.4
5 21	15 28.57	−25 5.1	1.475	2.482	3.0	18.3
5 31	15 18.06	−24 23.1	1.473	2.460	7.0	18.5
6 10	15 9.15	−23 38.2	1.497	2.437	11.5	18.7
6 20	15 2.75	−22 56.2	1.542	2.415	15.5	18.9

505723 2015 AO_{244} 5 16.4 133°.86 0°.5/16.3 17

4 11	16 3.05	−16 35.1	1.807	2.647	14.3	21.2
4 21	15 57.35	−17 0.6	1.728	2.647	10.9	21.0
5 1	15 49.19	−17 24.3	1.671	2.647	6.9	20.7
5 11	15 39.31	−17 46.3	1.641	2.647	2.5	20.5
5 21	15 28.72	−18 6.9	1.638	2.647	2.2	20.4
5 31	15 18.61	−18 27.2	1.663	2.647	6.7	20.7
6 10	15 10.04	−18 49.1	1.714	2.648	10.7	21.0
6 20	15 3.75	−19 14.4	1.787	2.648	14.3	21.2

304571 2006 VJ_{28} 5 16.4 167°.33 1°.1/17.2 18

4 11	15 58.14	−23 43.6	2.679	3.496	10.9	22.1
4 21	15 52.92	−23 44.1	2.594	3.499	8.3	22.0
5 1	15 46.05	−23 37.6	2.534	3.502	5.4	21.8
5 11	15 38.10	−23 24.5	2.502	3.504	2.4	21.6
5 21	15 29.76	−23 6.0	2.498	3.507	1.7	21.5
5 31	15 21.78	−22 44.1	2.524	3.508	4.7	21.7
6 10	15 14.86	−22 21.8	2.577	3.510	7.6	21.9
6 20	15 9.48	−22 1.7	2.654	3.511	10.3	22.1

509562 2008 CW_{10} 5 16.4 138°.06 5°.7/11.8 17

4 11	15 56.34	+ 0 41.4	2.884	3.705	10.1	22.4
4 21	15 51.22	+ 1 29.7	2.824	3.718	8.1	22.3
5 1	15 44.81	+ 2 11.5	2.791	3.730	6.5	22.2
5 11	15 37.62	+ 2 43.3	2.784	3.742	5.7	22.1
5 21	15 30.20	+ 3 2.6	2.805	3.753	6.3	22.2
5 31	15 23.17	+ 3 7.9	2.853	3.764	7.8	22.3
6 10	15 17.04	+ 2 58.8	2.926	3.774	9.6	22.4
6 20	15 12.20	+ 2 36.4	3.021	3.784	11.4	22.6

515730 2014 WT_{510} 5 16.4 345°.59 4°.9/10.7 18

4 11	15 49.12	+ 3 9.8	3.942	4.761	7.6	21.0
4 21	15 45.65	+ 3 50.9	3.873	4.758	6.3	20.9
5 1	15 41.29	+ 4 26.2	3.828	4.756	5.3	20.8
5 11	15 36.36	+ 4 53.5	3.811	4.754	4.9	20.8
5 21	15 31.24	+ 5 10.7	3.820	4.752	5.3	20.8
5 31	15 26.33	+ 5 16.6	3.856	4.750	6.4	20.9
6 10	15 21.98	+ 5 11.0	3.917	4.748	7.8	21.0
6 20	15 18.48	+ 4 54.2	4.000	4.746	9.1	21.1

266699 2009 PT_{20} 5 16.4 238°.03 3°.1/17.9 18

4 11	16 2.69	−27 11.9	1.856	2.677	14.8	20.7
4 21	15 57.31	−27 33.1	1.766	2.669	11.7	20.5
5 1	15 49.29	−27 43.2	1.697	2.660	8.0	20.2
5 11	15 39.39	−27 40.6	1.653	2.651	4.4	20.0
5 21	15 28.64	−27 25.5	1.637	2.641	3.4	19.9
5 31	15 18.32	−27 0.2	1.647	2.631	6.7	20.1
6 10	15 9.59	−26 29.6	1.683	2.621	10.6	20.3
6 20	15 3.27	−25 59.0	1.741	2.611	14.2	20.5

383639 2007 RF_{251} 5 16.4 344°.47 4°.8/18.9 17

4 11	15 59.27	−31 43.1	1.786	2.602	15.5	20.7
4 21	15 54.83	−32 6.8	1.704	2.598	12.5	20.5
5 1	15 47.74	−32 15.5	1.642	2.595	9.1	20.3
5 11	15 38.82	−32 7.1	1.604	2.592	6.0	20.1
5 21	15 29.15	−31 41.5	1.592	2.589	4.9	20.0
5 31	15 20.01	−31 1.8	1.606	2.587	7.2	20.1
6 10	15 12.57	−30 13.9	1.644	2.586	10.6	20.3
6 20	15 7.58	−29 24.3	1.705	2.584	13.9	20.5

96362 1997 WH_{13} 5 16.4 147°.24 3°.0/18.1 18

4 11	16 4.36	−28 23.0	1.781	2.598	15.5	20.4
4 21	15 58.40	−28 22.9	1.706	2.607	12.1	20.2
5 1	15 49.82	−28 8.5	1.653	2.615	8.3	20.0
5 11	15 39.51	−27 39.4	1.625	2.622	4.5	19.7
5 21	15 28.63	−26 57.0	1.624	2.629	3.3	19.7
5 31	15 18.45	−26 5.7	1.651	2.636	6.6	19.9
6 10	15 10.09	−25 11.9	1.703	2.641	10.5	20.1
6 20	15 4.23	−24 21.5	1.777	2.646	14.0	20.4

179492 2002 CX_{49} 5 16.4 124°.78 4°.5/12.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 55.79	− 4 13.8	2.910	3.740	9.8	21.3
4 21	15 50.79	− 3 21.9	2.851	3.757	7.6	21.2
5 1	15 44.53	− 2 33.6	2.818	3.773	5.6	21.1
5 11	15 37.52	− 1 52.1	2.813	3.789	4.5	21.0
5 21	15 30.31	− 1 20.3	2.836	3.805	5.1	21.1
5 31	15 23.49	− 1 0.1	2.887	3.820	6.9	21.2
6 10	15 17.56	− 0 52.5	2.965	3.834	8.9	21.4
6 20	15 12.92	− 0 57.1	3.065	3.848	10.8	21.5

512295 2016 GH_{238} 5 16.4 273°.07 5°.3/12.7 17

4 11	15 57.18	− 9 30.1	1.832	2.685	13.6	21.4
4 21	15 52.86	− 8 7.5	1.744	2.667	10.5	21.2
5 1	15 46.34	− 6 41.6	1.678	2.649	7.4	21.0
5 11	15 38.30	− 5 18.6	1.639	2.630	5.4	20.8
5 21	15 29.61	− 4 5.0	1.626	2.611	6.5	20.8
5 31	15 21.29	− 3 7.0	1.640	2.592	9.7	21.0
6 10	15 14.29	− 2 28.5	1.677	2.573	13.2	21.1
6 20	15 9.29	− 2 10.9	1.735	2.553	16.5	21.3

393334 2014 BP_{36} 5 16.4 292°.59 3°.1/18.2 17

4 11	15 59.04	−28 11.6	1.993	2.813	14.0	20.7
4 21	15 54.36	−28 24.4	1.903	2.805	11.0	20.5
5 1	15 47.33	−28 25.7	1.835	2.796	7.6	20.3
5 11	15 38.67	−28 14.2	1.792	2.787	4.3	20.1
5 21	15 29.31	−27 50.7	1.775	2.779	3.3	20.0
5 31	15 20.36	−27 17.8	1.786	2.770	6.2	20.2
6 10	15 12.84	−26 40.2	1.822	2.762	9.8	20.3
6 20	15 7.48	−26 3.1	1.881	2.754	13.1	20.5

15984 1998 WM_{7} 5 16.4 48°.61 4°.7/14.9 18

4 11	16 1.86	− 8 48.7	1.349	2.210	17.1	16.8
4 21	15 56.58	− 8 34.1	1.304	2.232	13.0	16.6
5 1	15 48.63	− 8 23.7	1.279	2.254	8.6	16.4
5 11	15 39.05	− 8 21.3	1.279	2.277	5.1	16.2
5 21	15 29.11	− 8 29.5	1.303	2.300	5.6	16.3
5 31	15 20.12	− 8 50.1	1.352	2.324	9.3	16.6
6 10	15 13.12	− 9 23.2	1.424	2.348	13.2	16.9
6 20	15 8.70	−10 7.6	1.516	2.372	16.6	17.2

445233 2009 HL_{91} 5 16.4 326°.61 0°.6/16.3 17

4 11	16 1.51	−14 53.3	1.740	2.586	14.5	20.0
4 21	15 56.60	−15 38.8	1.641	2.563	11.2	19.7
5 1	15 49.01	−16 26.8	1.565	2.541	7.1	19.4
5 11	15 39.37	−17 16.9	1.514	2.520	2.6	19.1
5 21	15 28.66	−18 8.3	1.490	2.499	2.4	19.0
5 31	15 18.10	−19 0.4	1.494	2.479	7.1	19.3
6 10	15 8.94	−19 53.6	1.522	2.460	11.6	19.5
6 20	15 2.11	−20 48.4	1.574	2.441	15.5	19.7

497827 2006 UN_{4} 5 16.4 270°.53 1°.2/15.8 17

4 11	16 0.64	−17 50.4	1.696	2.543	14.8	22.3
4 21	15 55.88	−17 27.7	1.599	2.523	11.3	22.0
5 1	15 48.48	−16 57.9	1.524	2.501	7.2	21.7
5 11	15 39.15	−16 23.3	1.474	2.480	2.7	21.4
5 21	15 28.90	−15 46.8	1.450	2.458	2.9	21.4
5 31	15 18.96	−15 13.0	1.453	2.435	7.6	21.6
6 10	15 10.54	−14 46.5	1.480	2.413	12.2	21.8
6 20	15 4.48	−14 30.9	1.529	2.390	16.2	22.0

474313 2002 AO_{142} 5 16.4 89°.11 6°.3/21.8 17

4 11	16 1.13	−41 21.7	2.396	3.148	13.8	21.3
4 21	15 55.60	−41 27.8	2.319	3.160	11.7	21.1
5 1	15 47.88	−41 15.2	2.264	3.172	9.3	21.0
5 11	15 38.78	−40 42.1	2.232	3.184	7.3	20.9
5 21	15 29.31	−39 49.0	2.227	3.196	6.3	20.8
5 31	15 20.52	−38 39.3	2.248	3.207	7.0	20.9
6 10	15 13.29	−37 18.9	2.296	3.219	8.9	21.0
6 20	15 8.19	−35 54.5	2.368	3.230	11.2	21.2

70936 Kámen 5 16.4 228°.29 0°.1/16.5 18

4 11	15 59.93	−19 50.5	2.113	2.947	12.8	19.3
4 21	15 54.73	−19 50.8	2.025	2.941	9.7	19.1
5 1	15 47.43	−19 45.6	1.961	2.935	6.2	18.9
5 11	15 38.68	−19 35.4	1.923	2.929	2.2	18.6
5 21	15 29.34	−19 21.9	1.913	2.922	1.9	18.6
5 31	15 20.39	−19 7.5	1.931	2.916	5.9	18.8
6 10	15 12.72	−18 55.2	1.975	2.909	9.6	19.0
6 20	15 6.97	−18 47.8	2.043	2.901	12.8	19.2

64657 2001 XP_{59} 5 16.4 209°.02 2°.0/15.2 18

4 11	15 59.84	−14 59.1	2.096	2.936	12.7	19.7
4 21	15 54.57	−14 31.2	2.011	2.931	9.6	19.5
5 1	15 47.27	−13 59.9	1.950	2.926	6.1	19.3
5 11	15 38.61	−13 27.5	1.916	2.920	2.7	19.0
5 21	15 29.42	−12 57.1	1.909	2.913	3.1	19.0
5 31	15 20.65	−12 32.1	1.931	2.907	6.7	19.2
6 10	15 13.14	−12 15.3	1.979	2.899	10.2	19.5
6 20	15 7.51	−12 8.7	2.049	2.891	13.4	19.6

105788 2000 SB_{121} 5 16.4 176°.98 1°.7/17.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 0.02	−24 49.5	2.818	3.627	10.6	20.1
4 21	15 54.33	−25 9.4	2.730	3.629	8.2	20.0
5 1	15 46.97	−25 22.9	2.667	3.630	5.5	19.8
5 11	15 38.48	−25 29.4	2.631	3.631	2.7	19.6
5 21	15 29.54	−25 29.3	2.625	3.631	2.1	19.5
5 31	15 20.91	−25 23.8	2.649	3.631	4.6	19.7
6 10	15 13.30	−25 15.4	2.700	3.631	7.4	19.9
6 20	15 7.22	−25 6.7	2.776	3.630	10.0	20.1

428855 2008 UG_{106} 5 16.4 220°.56 1°.2/15.7 17

4 11	15 58.01	−18 33.2	1.957	2.800	13.3	21.4
4 21	15 53.32	−17 55.5	1.876	2.797	10.0	21.1
5 1	15 46.53	−17 10.6	1.818	2.795	6.3	20.9
5 11	15 38.35	−16 21.2	1.786	2.792	2.3	20.6
5 21	15 29.67	−15 31.1	1.781	2.789	2.5	20.7
5 31	15 21.46	−14 44.5	1.805	2.786	6.5	20.9
6 10	15 14.63	−14 5.9	1.853	2.782	10.3	21.1
6 20	15 9.76	−13 38.0	1.925	2.779	13.7	21.3

140472 2001 TB_{135} 5 16.4 32°.27 4°.0/19.1 17

4 11	15 58.71	−31 55.1	2.081	2.887	13.9	19.9
4 21	15 53.96	−31 59.2	1.999	2.889	11.2	19.7
5 1	15 46.98	−31 48.7	1.939	2.891	8.0	19.5
5 11	15 38.52	−31 22.7	1.904	2.893	5.1	19.3
5 21	15 29.54	−30 42.3	1.896	2.895	4.1	19.3
5 31	15 21.08	−29 51.0	1.915	2.897	6.2	19.4
6 10	15 14.10	−28 54.2	1.960	2.899	9.3	19.6
6 20	15 9.23	−27 57.5	2.028	2.901	12.3	19.8

380443 2003 SK_{265} 5 16.4 214°.74 1°.2/15.7 17

4 11	15 57.90	−18 8.5	2.079	2.919	12.7	21.8
4 21	15 53.12	−17 32.1	1.996	2.916	9.6	21.6
5 1	15 46.36	−16 49.3	1.936	2.913	6.0	21.3
5 11	15 38.29	−16 2.6	1.903	2.909	2.3	21.1
5 21	15 29.73	−15 15.4	1.898	2.905	2.5	21.1
5 31	15 21.62	−14 31.7	1.921	2.901	6.3	21.3
6 10	15 14.79	−13 55.6	1.970	2.897	9.9	21.5
6 20	15 9.82	−13 29.5	2.042	2.893	13.1	21.7

118851 2000 SX_{270} 5 16.4 312°.79 0°.5/16.6 18

4 11	15 59.78	−19 21.2	2.031	2.868	13.1	19.2
4 21	15 54.80	−19 46.9	1.940	2.856	10.0	19.0
5 1	15 47.59	−20 9.1	1.872	2.846	6.4	18.7
5 11	15 38.79	−20 27.5	1.830	2.835	2.4	18.4
5 21	15 29.26	−20 42.4	1.815	2.825	1.9	18.4
5 31	15 20.04	−20 54.9	1.829	2.814	6.0	18.6
6 10	15 12.10	−21 7.3	1.868	2.805	9.8	18.8
6 20	15 6.16	−21 21.7	1.931	2.795	13.2	19.0

317868 2003 UJ_{39} 5 16.4 87°.05 0°.9/16.8 16

4 11	16 3.71	−20 46.7	1.518	2.363	16.4	21.1
4 21	15 58.24	−21 7.1	1.450	2.370	12.5	20.8
5 1	15 49.91	−21 20.7	1.402	2.377	8.0	20.6
5 11	15 39.63	−21 27.0	1.379	2.384	3.1	20.3
5 21	15 28.63	−21 26.8	1.381	2.391	2.4	20.3
5 31	15 18.33	−21 22.8	1.410	2.398	7.2	20.6
6 10	15 9.95	−21 18.8	1.464	2.405	11.7	20.8
6 20	15 4.25	−21 18.6	1.539	2.412	15.5	21.1

37532 1978 VL_{8} 5 16.4 228°.66 1°.7/15.4 18

4 11	15 58.90	−12 57.7	2.852	3.680	10.0	19.8
4 21	15 53.41	−12 57.0	2.755	3.669	7.6	19.6
5 1	15 46.38	−12 56.0	2.685	3.657	4.8	19.4
5 11	15 38.28	−12 55.9	2.642	3.645	2.2	19.2
5 21	15 29.74	−12 58.0	2.630	3.633	2.5	19.2
5 31	15 21.43	−13 3.8	2.647	3.620	5.2	19.3
6 10	15 14.00	−13 14.4	2.691	3.607	8.1	19.5
6 20	15 7.96	−13 30.8	2.761	3.593	10.6	19.7

514079 2014 SD_{351} 5 16.4 196°.90 4°.1/11.3 18

4 11	15 49.07	+ 1 53.9	4.464	5.282	6.8	21.0
4 21	15 45.53	+ 2 27.2	4.393	5.281	5.6	20.9
5 1	15 41.19	+ 2 55.8	4.348	5.281	4.6	20.8
5 11	15 36.37	+ 3 17.7	4.330	5.280	4.1	20.8
5 21	15 31.38	+ 3 31.4	4.340	5.280	4.5	20.8
5 31	15 26.56	+ 3 35.7	4.378	5.279	5.5	20.9
6 10	15 22.25	+ 3 30.5	4.441	5.278	6.8	21.0
6 20	15 18.69	+ 3 15.8	4.527	5.278	8.0	21.1

225584 2000 WU_{39} 5 16.4 171°.21 5°.0/13.5 17

4 11	16 0.40	− 3 53.8	2.362	3.192	11.7	20.9
4 21	15 54.63	− 3 24.9	2.290	3.196	9.2	20.7
5 1	15 47.14	− 3 0.9	2.241	3.199	6.7	20.6
5 11	15 38.54	− 2 45.2	2.220	3.201	5.1	20.5
5 21	15 29.56	− 2 40.4	2.227	3.203	5.7	20.5
5 31	15 21.01	− 2 48.3	2.261	3.205	7.9	20.7
6 10	15 13.58	− 3 9.2	2.322	3.206	10.5	20.8
6 20	15 7.81	− 3 42.4	2.405	3.206	12.9	21.0

106996 2000 YP_{107} 5 16.4 105°.01 0°.1/16.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 3.31	−20 1.4	1.604	2.447	15.7	20.4
4 21	15 57.61	−19 52.8	1.541	2.461	11.9	20.2
5 1	15 49.32	−19 36.5	1.499	2.475	7.5	20.0
5 11	15 39.36	−19 14.1	1.483	2.489	2.7	19.7
5 21	15 28.91	−18 48.1	1.493	2.502	2.3	19.7
5 31	15 19.22	−18 22.3	1.529	2.515	7.0	20.0
6 10	15 11.37	−18 1.2	1.591	2.528	11.2	20.3
6 20	15 6.01	−17 48.0	1.674	2.540	14.8	20.6

151801 2003 FK_{57} 5 16.4 345°.75 2°.0/15.5 18 R

4 11	15 58.03	−15 56.9	1.520	2.379	15.6	19.3
4 21	15 53.89	−15 36.0	1.446	2.376	11.8	19.1
5 1	15 47.16	−15 10.6	1.393	2.373	7.4	18.8
5 11	15 38.65	−14 43.4	1.364	2.370	3.0	18.6
5 21	15 29.46	−14 18.1	1.361	2.367	3.4	18.6
5 31	15 20.83	−13 58.7	1.383	2.365	7.9	18.8
6 10	15 13.88	−13 48.9	1.428	2.364	12.3	19.1
6 20	15 9.35	−13 50.7	1.494	2.363	16.1	19.3

379511 2010 HC_{1} 5 16.4 236°.80 0°.2/16.2 18

4 11	15 49.21	−19 45.7	4.666	5.489	6.5	21.0
4 21	15 45.66	−19 23.8	4.573	5.485	4.8	20.9
5 1	15 41.29	−18 58.8	4.507	5.480	3.0	20.8
5 11	15 36.42	−18 31.5	4.469	5.475	1.1	20.6
5 21	15 31.36	−18 3.2	4.462	5.471	1.0	20.6
5 31	15 26.47	−17 35.3	4.484	5.466	2.9	20.7
6 10	15 22.08	−17 9.4	4.535	5.461	4.8	20.9
6 20	15 18.47	−16 46.7	4.612	5.456	6.5	21.0

35279 1996 SR 5 16.4 259°.95 2°.6/14.9 18

4 11	15 59.11	−14 14.7	1.965	2.810	13.2	19.7
4 21	15 54.28	−13 36.3	1.870	2.792	10.0	19.4
5 1	15 47.26	−12 53.8	1.798	2.774	6.4	19.2
5 11	15 38.69	−12 10.2	1.752	2.755	3.1	18.9
5 21	15 29.43	−11 29.3	1.734	2.736	3.8	18.9
5 31	15 20.50	−10 55.3	1.742	2.716	7.5	19.1
6 10	15 12.84	−10 31.9	1.777	2.696	11.3	19.3
6 20	15 7.16	−10 21.2	1.833	2.675	14.7	19.5

178479 1999 RN_{252} 5 16.4 287°.85 4°.8/19.4 18

4 11	15 59.17	−33 55.6	2.267	3.060	13.4	20.3
4 21	15 54.36	−34 18.2	2.172	3.050	10.9	20.1
5 1	15 47.31	−34 27.2	2.100	3.040	8.2	19.9
5 11	15 38.70	−34 20.4	2.052	3.031	5.8	19.7
5 21	15 29.43	−33 57.8	2.031	3.021	4.9	19.7
5 31	15 20.53	−33 21.4	2.037	3.011	6.5	19.7
6 10	15 12.98	−32 35.7	2.069	3.002	9.2	19.9
6 20	15 7.47	−31 46.2	2.124	2.992	12.0	20.0

425859 2011 EG_{80} 5 16.4 79°.56 0°.6/16.8 15

4 11	16 0.31	−23 3.0	1.727	2.566	15.0	21.8
4 21	15 55.17	−22 37.3	1.664	2.582	11.4	21.6
5 1	15 47.70	−22 0.9	1.624	2.598	7.2	21.4
5 11	15 38.77	−21 15.8	1.609	2.614	2.7	21.1
5 21	15 29.45	−20 25.4	1.620	2.630	2.0	21.1
5 31	15 20.88	−19 34.7	1.659	2.646	6.4	21.4
6 10	15 13.99	−18 48.9	1.723	2.662	10.4	21.7
6 20	15 9.37	−18 11.9	1.809	2.677	13.8	21.9

503709 2016 JZ_{19} 5 16.4 232°.63 0°.4/16.2 18

4 11	16 1.85	−19 0.4	2.047	2.880	13.2	22.0
4 21	15 56.32	−18 51.2	1.952	2.867	10.0	21.8
5 1	15 48.53	−18 36.1	1.880	2.854	6.4	21.5
5 11	15 39.14	−18 16.3	1.834	2.840	2.3	21.2
5 21	15 29.06	−17 53.6	1.817	2.826	2.1	21.2
5 31	15 19.31	−17 31.0	1.828	2.811	6.3	21.4
6 10	15 10.89	−17 12.1	1.865	2.795	10.2	21.6
6 20	15 4.49	−16 59.9	1.925	2.779	13.7	21.8

159894 2004 TO_{77} 5 16.4 226°.94 0°.7/16.0 17

4 11	15 58.96	−18 51.4	2.001	2.841	13.2	21.0
4 21	15 54.07	−18 28.7	1.916	2.836	10.0	20.8
5 1	15 47.04	−17 59.5	1.855	2.831	6.3	20.6
5 11	15 38.58	−17 25.7	1.819	2.825	2.2	20.3
5 21	15 29.57	−16 50.2	1.811	2.819	2.2	20.3
5 31	15 20.99	−16 16.5	1.831	2.813	6.3	20.5
6 10	15 13.74	−15 48.6	1.876	2.807	10.1	20.8
6 20	15 8.47	−15 29.2	1.944	2.801	13.5	21.0

508471 2016 NA_{66} 5 16.5 188°.29 6°.4/11.6 18

4 11	15 56.42	+ 1 14.6	2.595	3.420	11.0	21.6
4 21	15 51.54	+ 2 6.8	2.525	3.419	9.0	21.5
5 1	15 45.17	+ 2 52.0	2.480	3.418	7.2	21.4
5 11	15 37.85	+ 3 26.1	2.461	3.417	6.4	21.3
5 21	15 30.20	+ 3 45.9	2.469	3.415	7.1	21.4
5 31	15 22.91	+ 3 49.5	2.503	3.413	8.8	21.5
6 10	15 16.58	+ 3 36.6	2.562	3.411	10.8	21.6
6 20	15 11.67	+ 3 8.3	2.642	3.408	12.8	21.7

137952 2000 CY_{11} 5 16.5 166°.41 1°.0/15.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 1.62	−18 7.6	2.025	2.860	13.2	21.3
4 21	15 55.92	−17 40.5	1.948	2.865	10.0	21.1
5 1	15 48.12	−17 7.5	1.894	2.869	6.2	20.9
5 11	15 38.94	−16 30.7	1.867	2.873	2.3	20.6
5 21	15 29.30	−15 53.0	1.869	2.876	2.4	20.6
5 31	15 20.19	−15 18.2	1.898	2.879	6.4	20.9
6 10	15 12.49	−14 50.0	1.954	2.880	10.1	21.1
6 20	15 6.79	−14 31.0	2.033	2.882	13.3	21.3

354147 2002 CG_{117} 5 16.5 99°.93 2°.7/14.7 17

4 11	15 56.31	−12 6.6	2.371	3.213	11.3	21.3
4 21	15 51.59	−11 35.6	2.301	3.221	8.5	21.1
5 1	15 45.25	−11 3.9	2.256	3.229	5.5	21.0
5 11	15 37.88	−10 34.1	2.237	3.237	3.0	20.8
5 21	15 30.19	−10 9.0	2.247	3.245	3.5	20.9
5 31	15 22.93	− 9 51.1	2.284	3.253	6.3	21.0
6 10	15 16.76	− 9 42.4	2.348	3.261	9.2	21.2
6 20	15 12.15	− 9 43.6	2.434	3.268	11.8	21.4

407805 2011 YY_{72} 5 16.5 197°.87 3°.6/14.5 16

4 11	16 1.96	−11 50.5	1.809	2.654	14.1	21.9
4 21	15 56.42	−11 9.8	1.730	2.651	10.8	21.7
5 1	15 48.57	−10 27.3	1.675	2.648	7.1	21.5
5 11	15 39.14	− 9 46.9	1.645	2.644	4.0	21.3
5 21	15 29.13	− 9 12.7	1.642	2.640	4.7	21.3
5 31	15 19.62	− 8 48.6	1.666	2.635	8.2	21.5
6 10	15 11.60	− 8 37.6	1.716	2.629	12.0	21.7
6 20	15 5.75	− 8 40.7	1.786	2.622	15.3	21.9

435326 2007 VU_{11} 5 16.5 262°.19 1°.2/15.9 18

4 11	16 1.07	−15 3.4	2.209	3.044	12.3	20.9
4 21	15 55.59	−15 14.0	2.112	3.029	9.3	20.7
5 1	15 48.02	−15 23.6	2.039	3.014	5.9	20.4
5 11	15 38.97	−15 33.0	1.993	2.998	2.3	20.1
5 21	15 29.23	−15 43.1	1.976	2.983	2.4	20.1
5 31	15 19.75	−15 55.5	1.987	2.967	6.1	20.3
6 10	15 11.42	−16 11.8	2.024	2.951	9.7	20.5
6 20	15 4.92	−16 33.2	2.086	2.935	13.0	20.7

54179 2000 HO_{62} 5 16.5 9°.88 2°.3/15.4 17

4 11	15 58.51	−15 12.3	1.443	2.305	16.1	18.9
4 21	15 54.31	−14 50.1	1.375	2.306	12.2	18.6
5 1	15 47.45	−14 24.0	1.328	2.307	7.7	18.4
5 11	15 38.77	−13 57.3	1.304	2.309	3.3	18.1
5 21	15 29.44	−13 33.6	1.305	2.311	3.7	18.1
5 31	15 20.76	−13 17.2	1.332	2.314	8.2	18.4
6 10	15 13.85	−13 11.4	1.381	2.317	12.7	18.7
6 20	15 9.45	−13 17.8	1.451	2.320	16.5	18.9

54663 2000 UT_{82} 5 16.5 3°.29 4°.6/19.4 18

4 11	15 54.85	−32 34.6	1.606	2.433	16.5	17.8
4 21	15 51.64	−32 28.5	1.531	2.432	13.2	17.6
5 1	15 45.79	−32 2.9	1.476	2.432	9.6	17.4
5 11	15 38.18	−31 17.4	1.443	2.434	6.0	17.2
5 21	15 29.95	−30 13.9	1.435	2.436	4.6	17.1
5 31	15 22.40	−28 58.1	1.453	2.440	7.1	17.3
6 10	15 16.63	−27 38.0	1.495	2.444	10.8	17.5
6 20	15 13.32	−26 21.1	1.558	2.450	14.3	17.7

507427 2012 QD_{37} 5 16.5 262°.12 2°.9/14.4 17

4 11	15 57.11	−14 48.0	2.007	2.854	12.8	21.2
4 21	15 52.65	−13 44.3	1.917	2.841	9.7	21.0
5 1	15 46.15	−12 34.7	1.851	2.828	6.3	20.8
5 11	15 38.27	−11 23.1	1.812	2.814	3.2	20.6
5 21	15 29.85	−10 14.7	1.801	2.801	4.0	20.6
5 31	15 21.82	− 9 14.6	1.817	2.787	7.5	20.8
6 10	15 15.05	− 8 27.4	1.859	2.773	11.2	21.0
6 20	15 10.14	− 7 55.4	1.922	2.759	14.4	21.1

46344 2001 SR_{58} 5 16.5 0°.66 0°.1/16.4 18

4 11	15 59.87	−19 49.3	1.610	2.459	15.4	19.1
4 21	15 55.22	−19 44.0	1.535	2.458	11.7	18.9
5 1	15 47.98	−19 31.4	1.481	2.458	7.4	18.6
5 11	15 38.97	−19 12.9	1.452	2.458	2.7	18.3
5 21	15 29.28	−18 50.8	1.449	2.458	2.3	18.3
5 31	15 20.18	−18 28.8	1.472	2.458	7.0	18.6
6 10	15 12.75	−18 11.0	1.519	2.459	11.4	18.9
6 20	15 7.75	−18 0.8	1.588	2.460	15.2	19.1

387471 2013 XL_{23} 5 16.5 280°.02 7°.9/12.3 18

4 11	15 59.84	+ 1 7.3	1.944	2.777	13.8	20.4
4 21	15 54.81	+ 1 49.5	1.856	2.756	11.3	20.1
5 1	15 47.59	+ 2 22.9	1.790	2.735	9.1	20.0
5 11	15 38.83	+ 2 42.0	1.749	2.713	7.9	19.8
5 21	15 29.37	+ 2 42.4	1.733	2.692	8.6	19.8
5 31	15 20.21	+ 2 21.6	1.743	2.670	10.9	19.9
6 10	15 12.30	+ 1 39.5	1.776	2.648	13.8	20.1
6 20	15 6.32	+ 0 38.5	1.830	2.626	16.6	20.2

394754 2008 FD_{105} 5 16.5 100°.90 4°.0/19.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 0.81	−32 28.3	2.497	3.287	12.4	22.1
4 21	15 55.14	−32 48.8	2.424	3.303	9.9	22.0
5 1	15 47.55	−32 57.1	2.375	3.318	7.2	21.8
5 11	15 38.73	−32 52.0	2.352	3.334	4.8	21.7
5 21	15 29.52	−32 34.0	2.356	3.349	4.0	21.7
5 31	15 20.81	−32 5.4	2.389	3.364	5.6	21.8
6 10	15 13.41	−31 29.9	2.448	3.379	8.1	22.0
6 20	15 7.86	−30 52.1	2.532	3.394	10.6	22.1

244077 2001 TM_{216} 5 16.5 227°.60 5°.4/19.8 18

4 11	16 1.59	−36 5.4	2.477	3.251	12.9	20.6
4 21	15 56.08	−36 39.3	2.383	3.245	10.7	20.4
5 1	15 48.37	−36 59.8	2.311	3.238	8.3	20.2
5 11	15 39.11	−37 4.4	2.264	3.232	6.2	20.1
5 21	15 29.18	−36 52.2	2.244	3.224	5.4	20.0
5 31	15 19.61	−36 24.7	2.252	3.217	6.6	20.1
6 10	15 11.35	−35 46.0	2.286	3.210	8.9	20.2
6 20	15 5.09	−35 1.3	2.344	3.202	11.4	20.4

79334 1996 TZ_{9} 5 16.5 230°.83 2°.2/14.8 18

4 11	15 56.37	−14 51.3	2.349	3.190	11.4	19.8
4 21	15 51.77	−14 6.5	2.263	3.183	8.6	19.6
5 1	15 45.46	−13 17.7	2.201	3.177	5.5	19.4
5 11	15 38.01	−12 27.9	2.167	3.170	2.6	19.2
5 21	15 30.14	−11 40.6	2.161	3.163	3.2	19.2
5 31	15 22.63	−10 59.5	2.184	3.156	6.3	19.4
6 10	15 16.20	−10 27.5	2.232	3.148	9.5	19.6
6 20	15 11.38	−10 6.6	2.304	3.141	12.3	19.7

127357 2002 JP_{128} 5 16.5 83°.12 4°.2/13.9 17

4 11	15 57.59	−10 48.8	1.834	2.686	13.6	19.3
4 21	15 52.95	− 9 50.2	1.770	2.694	10.4	19.2
5 1	15 46.27	− 8 50.8	1.729	2.702	6.9	19.0
5 11	15 38.30	− 7 55.3	1.714	2.711	4.4	18.8
5 21	15 29.94	− 7 8.6	1.726	2.719	5.2	18.9
5 31	15 22.15	− 6 34.7	1.764	2.727	8.3	19.1
6 10	15 15.79	− 6 16.2	1.826	2.735	11.6	19.3
6 20	15 11.38	− 6 13.5	1.910	2.743	14.6	19.5

166735 2002 TW_{274} 5 16.5 157°.47 0°.2/16.6 18

4 11	15 57.46	−22 4.8	2.134	2.968	12.7	19.7
4 21	15 52.77	−21 33.5	2.053	2.969	9.6	19.5
5 1	15 46.15	−20 53.2	1.996	2.970	6.1	19.2
5 11	15 38.26	−20 5.9	1.965	2.971	2.2	19.0
5 21	15 29.95	−19 14.6	1.963	2.972	1.8	19.0
5 31	15 22.11	−18 23.4	1.988	2.973	5.7	19.2
6 10	15 15.55	−17 36.6	2.039	2.974	9.3	19.4
6 20	15 10.84	−16 57.8	2.114	2.974	12.4	19.6

302007 2000 RA_{83} 5 16.5 290°.66 4°.4/19.2 18

4 11	15 58.63	−32 47.4	2.170	2.971	13.6	20.2
4 21	15 54.02	−32 58.0	2.073	2.958	11.0	20.0
5 1	15 47.14	−32 54.4	1.999	2.946	8.1	19.8
5 11	15 38.68	−32 34.9	1.949	2.934	5.4	19.6
5 21	15 29.56	−32 0.0	1.926	2.921	4.4	19.5
5 31	15 20.82	−31 12.3	1.930	2.909	6.3	19.6
6 10	15 13.46	−30 16.9	1.959	2.897	9.4	19.8
6 20	15 8.17	−29 19.7	2.013	2.885	12.4	20.0

433093 2012 TS_{87} 5 16.5 249°.71 1°.0/15.9 17

4 11	15 57.94	−18 20.4	2.113	2.952	12.6	21.2
4 21	15 53.23	−17 52.8	2.023	2.943	9.5	21.0
5 1	15 46.51	−17 18.9	1.957	2.933	6.0	20.8
5 11	15 38.42	−16 41.0	1.918	2.923	2.2	20.5
5 21	15 29.79	−16 1.9	1.906	2.913	2.3	20.5
5 31	15 21.54	−15 25.2	1.922	2.903	6.2	20.7
6 10	15 14.53	−14 54.7	1.964	2.893	9.9	20.9
6 20	15 9.35	−14 33.1	2.029	2.882	13.1	21.1

449891 2015 MM_{103} 5 16.5 282°.39 1°.3/15.7 16

4 11	15 56.82	−16 1.7	2.409	3.246	11.3	21.4
4 21	15 52.23	−15 48.8	2.308	3.227	8.6	21.1
5 1	15 45.84	−15 32.8	2.232	3.207	5.4	20.9
5 11	15 38.19	−15 15.2	2.183	3.188	2.1	20.7
5 21	15 29.97	−14 58.1	2.161	3.168	2.3	20.6
5 31	15 22.00	−14 43.8	2.169	3.148	5.8	20.8
6 10	15 15.03	−14 34.8	2.202	3.128	9.1	21.0
6 20	15 9.65	−14 33.0	2.260	3.108	12.1	21.2

4545 Primolevi 5 16.5 113°.99 0°.3/16.6 18

4 11	15 57.79	−21 3.4	2.501	3.328	11.3	17.6
4 21	15 52.71	−20 53.6	2.427	3.339	8.5	17.4
5 1	15 45.96	−20 37.8	2.377	3.350	5.4	17.2
5 11	15 38.17	−20 17.1	2.355	3.360	2.0	17.0
5 21	15 30.05	−19 53.3	2.362	3.371	1.5	17.0
5 31	15 22.35	−19 28.8	2.397	3.381	4.9	17.3
6 10	15 15.78	−19 6.6	2.459	3.391	8.0	17.5
6 20	15 10.80	−18 48.9	2.546	3.401	10.7	17.7

240738 2005 JQ_{86} 5 16.5 155°.14 16°.8/12.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 10.99	+14 29.8	1.171	1.983	22.2	20.3
4 21	16 4.05	+15 39.3	1.124	1.988	19.8	20.1
5 1	15 53.66	+16 18.6	1.094	1.993	17.7	20.0
5 11	15 41.02	+16 16.3	1.083	1.997	16.8	20.0
5 21	15 27.74	+15 27.0	1.092	2.001	17.3	20.0
5 31	15 15.56	+13 51.8	1.121	2.004	19.1	20.1
6 10	15 5.91	+11 39.0	1.169	2.006	21.6	20.3
6 20	14 59.54	+ 8 59.8	1.233	2.008	24.1	20.5

120877 1998 RF_{37} 5 16.5 193°.24 1°.1/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 2.94	−19 19.7	1.715	2.555	15.0	20.3
4 21	15 57.36	−18 39.5	1.634	2.554	11.4	20.1
5 1	15 49.25	−17 50.1	1.575	2.552	7.1	19.8
5 11	15 39.43	−16 54.3	1.543	2.549	2.6	19.6
5 21	15 28.99	−15 56.4	1.537	2.545	2.7	19.6
5 31	15 19.13	−15 1.7	1.559	2.541	7.3	19.8
6 10	15 10.94	−14 15.8	1.607	2.536	11.6	20.1
6 20	15 5.12	−13 42.3	1.676	2.530	15.4	20.3

376517 2012 LU_{10} 5 16.5 355°.14 10°.7/ 8.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 53.74	− 0 59.7	1.346	2.215	16.7	19.5
4 21	15 50.71	+ 1 17.5	1.290	2.211	13.7	19.3
5 1	15 45.17	+ 3 28.1	1.256	2.208	11.4	19.1
5 11	15 37.97	+ 5 20.4	1.245	2.206	10.8	19.1
5 21	15 30.22	+ 6 44.2	1.257	2.205	12.2	19.1
5 31	15 23.10	+ 7 33.3	1.290	2.205	14.9	19.3
6 10	15 17.68	+ 7 46.6	1.342	2.205	17.9	19.5
6 20	15 14.59	+ 7 27.4	1.410	2.206	20.6	19.7

66930 1999 VG_{201} 5 16.5 224°.51 2°.5/18.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 59.56	−29 9.9	2.099	2.912	13.6	19.4
4 21	15 54.56	−28 47.6	2.009	2.907	10.7	19.2
5 1	15 47.38	−28 10.9	1.941	2.902	7.3	19.0
5 11	15 38.74	−27 20.2	1.899	2.896	3.9	18.8
5 21	15 29.57	−26 17.6	1.885	2.891	2.8	18.7
5 31	15 20.90	−25 7.6	1.899	2.885	5.8	18.9
6 10	15 13.66	−23 56.3	1.939	2.878	9.4	19.1
6 20	15 8.47	−22 49.3	2.003	2.872	12.6	19.2

36592 2000 QN_{132} 5 16.5 184°.77 5°.6/11.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 56.23	+ 0 57.3	3.000	3.820	9.8	19.9
4 21	15 51.22	+ 1 42.7	2.928	3.819	8.0	19.8
5 1	15 44.92	+ 2 22.1	2.881	3.819	6.4	19.7
5 11	15 37.79	+ 2 52.0	2.861	3.818	5.6	19.6
5 21	15 30.38	+ 3 9.9	2.869	3.816	6.2	19.7
5 31	15 23.27	+ 3 14.0	2.904	3.814	7.7	19.8
6 10	15 17.00	+ 3 4.0	2.965	3.812	9.6	19.9
6 20	15 11.97	+ 2 40.7	3.048	3.809	11.3	20.0

266376 2007 EP_{100} 5 16.5 18°.75 9°.7/21.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 2.47	−41 4.8	1.518	2.305	19.1	19.8
4 21	15 58.11	−42 4.0	1.448	2.308	16.3	19.6
5 1	15 50.25	−42 39.7	1.396	2.312	13.4	19.4
5 11	15 39.91	−42 46.2	1.365	2.317	10.8	19.3
5 21	15 28.59	−42 20.9	1.356	2.322	9.7	19.2
5 31	15 18.10	−41 27.0	1.370	2.328	10.6	19.3
6 10	15 9.99	−40 12.8	1.406	2.335	13.0	19.4
6 20	15 5.17	−38 48.8	1.463	2.342	15.9	19.6

436023 2009 HF_{65} 5 16.5 321°.80 3°.2/15.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 59.21	− 9 44.2	1.850	2.699	13.7	20.6
4 21	15 54.54	− 9 52.8	1.757	2.680	10.5	20.3
5 1	15 47.55	−10 5.0	1.688	2.662	7.0	20.1
5 11	15 38.88	−10 22.9	1.643	2.644	3.8	19.8
5 21	15 29.41	−10 48.0	1.625	2.627	4.1	19.8
5 31	15 20.21	−11 21.5	1.635	2.610	7.7	20.0
6 10	15 12.32	−12 4.0	1.669	2.594	11.6	20.2
6 20	15 6.49	−12 55.2	1.725	2.578	15.1	20.4

72760 2001 FZ_{139} 5 16.5 45°.45 5°.0/19.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 0.60	−32 59.0	1.848	2.655	15.4	19.1
4 21	15 55.73	−33 19.6	1.772	2.660	12.5	18.9
5 1	15 48.28	−33 24.1	1.717	2.664	9.2	18.7
5 11	15 39.10	−33 10.7	1.685	2.669	6.2	18.5
5 21	15 29.28	−32 39.6	1.680	2.674	5.1	18.5
5 31	15 20.09	−31 54.3	1.700	2.680	7.0	18.6
6 10	15 12.61	−31 0.8	1.746	2.685	10.2	18.8
6 20	15 7.55	−30 5.7	1.814	2.690	13.4	19.0

29919 1999 JD_{23} 5 16.5 309°.93 1°.3/17.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 59.78	−21 58.9	2.035	2.867	13.3	17.6
4 21	15 54.84	−22 22.5	1.946	2.859	10.2	17.4
5 1	15 47.65	−22 40.3	1.881	2.852	6.6	17.1
5 11	15 38.89	−22 51.7	1.841	2.845	2.8	16.9
5 21	15 29.44	−22 57.1	1.829	2.837	2.1	16.8
5 31	15 20.33	−22 58.0	1.844	2.830	5.9	17.1
6 10	15 12.54	−22 57.3	1.885	2.824	9.6	17.3
6 20	15 6.78	−22 57.9	1.950	2.817	13.0	17.5

20456 1999 LX_{6} 5 16.5 284°.35 5°.7/12.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 56.68	− 3 14.3	2.227	3.067	12.0	18.7
4 21	15 52.10	− 2 36.6	2.144	3.054	9.5	18.5
5 1	15 45.73	− 2 3.8	2.084	3.041	7.1	18.3
5 11	15 38.15	− 1 40.2	2.050	3.029	5.7	18.2
5 21	15 30.07	− 1 29.0	2.043	3.016	6.4	18.2
5 31	15 22.32	− 1 32.6	2.062	3.004	8.7	18.4
6 10	15 15.64	− 1 51.8	2.106	2.991	11.4	18.5
6 20	15 10.60	− 2 25.7	2.172	2.979	14.0	18.7

55367 2001 SX_{208} 5 16.5 121°.27 3°.5/18.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 0.89	−29 13.5	2.207	3.015	13.2	19.5
4 21	15 55.54	−29 42.3	2.125	3.017	10.5	19.3
5 1	15 48.01	−30 0.5	2.066	3.020	7.4	19.1
5 11	15 38.99	−30 6.5	2.032	3.023	4.5	18.9
5 21	15 29.38	−30 0.3	2.026	3.025	3.7	18.9
5 31	15 20.20	−29 43.8	2.047	3.028	5.9	19.0
6 10	15 12.39	−29 20.7	2.095	3.030	9.0	19.2
6 20	15 6.60	−28 55.4	2.166	3.033	11.9	19.4

216075 2006 QO_{44} 5 16.5 224°.56 3°.7/14.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 0.01	−12 34.4	1.715	2.566	14.5	20.9
4 21	15 55.11	−11 45.0	1.636	2.560	11.0	20.7
5 1	15 47.84	−10 52.5	1.579	2.554	7.2	20.5
5 11	15 38.95	−10 1.3	1.548	2.548	4.0	20.2
5 21	15 29.43	− 9 16.1	1.543	2.542	4.8	20.3
5 31	15 20.42	− 8 41.9	1.565	2.535	8.5	20.5
6 10	15 12.93	− 8 22.0	1.611	2.528	12.4	20.7
6 20	15 7.65	− 8 17.8	1.678	2.520	15.9	20.9

303901 2005 TY_{137} 5 16.5 155°.52 2°.1/14.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 55.62	−13 22.6	2.893	3.727	9.7	21.8
4 21	15 50.83	−12 45.1	2.817	3.733	7.3	21.6
5 1	15 44.70	−12 5.8	2.766	3.739	4.7	21.5
5 11	15 37.72	−11 27.0	2.744	3.745	2.4	21.3
5 21	15 30.48	−10 51.4	2.751	3.750	2.9	21.4
5 31	15 23.57	−10 21.4	2.786	3.755	5.3	21.5
6 10	15 17.57	− 9 59.0	2.850	3.759	7.9	21.7
6 20	15 12.86	− 9 45.5	2.937	3.763	10.2	21.9

501714 2014 UT_{37} 5 16.5 53°.46 1°.6/15.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.38	−16 30.8	1.331	2.192	17.3	20.7
4 21	15 56.55	−16 19.1	1.275	2.205	13.0	20.5
5 1	15 48.85	−16 2.8	1.239	2.219	8.1	20.3
5 11	15 39.30	−15 44.3	1.227	2.233	3.1	20.0
5 21	15 29.20	−15 27.0	1.239	2.247	3.2	20.0
5 31	15 19.96	−15 14.7	1.277	2.262	8.1	20.4
6 10	15 12.77	−15 10.9	1.337	2.276	12.7	20.7
6 20	15 8.30	−15 17.6	1.418	2.291	16.6	20.9

472718 2015 FB_{56} 5 16.5 328°.09 0°.7/16.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 56.18	−22 0.8	1.565	2.418	15.5	20.1
4 21	15 52.52	−20 59.2	1.483	2.409	11.8	19.9
5 1	15 46.33	−19 43.3	1.423	2.401	7.4	19.6
5 11	15 38.42	−18 16.9	1.387	2.394	2.6	19.3
5 21	15 29.88	−16 45.8	1.378	2.386	2.6	19.3
5 31	15 21.92	−15 18.0	1.394	2.380	7.5	19.5
6 10	15 15.61	−14 1.0	1.435	2.373	12.1	19.8
6 20	15 11.67	−13 0.0	1.497	2.368	16.0	20.0

499357 2009 XT_{18} 5 16.5 104°.87 5°.1/19.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.50	−35 1.9	1.966	2.760	15.1	20.8
4 21	15 56.23	−35 4.5	1.890	2.768	12.3	20.6
5 1	15 48.49	−34 49.3	1.834	2.775	9.1	20.4
5 11	15 39.15	−34 14.7	1.802	2.782	6.2	20.3
5 21	15 29.31	−33 22.0	1.797	2.790	5.1	20.2
5 31	15 20.14	−32 15.2	1.819	2.797	6.8	20.3
6 10	15 12.68	−31 1.2	1.866	2.804	9.8	20.5
6 20	15 7.56	−29 46.9	1.937	2.810	12.8	20.7

270533 2002 GU_{86} 5 16.5 358°.90 10°.1/11.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 56.90	+ 3 14.1	1.552	2.399	15.9	19.4
4 21	15 52.81	+ 4 20.7	1.493	2.397	13.3	19.2
5 1	15 46.38	+ 5 14.3	1.455	2.396	11.1	19.1
5 11	15 38.41	+ 5 47.6	1.440	2.396	10.1	19.0
5 21	15 29.91	+ 5 55.2	1.448	2.396	10.9	19.1
5 31	15 22.01	+ 5 34.8	1.478	2.396	13.1	19.2
6 10	15 15.67	+ 4 47.9	1.529	2.397	15.8	19.4
6 20	15 11.54	+ 3 38.6	1.599	2.399	18.4	19.6

373587 2002 AL_{193} 5 16.5 235°.38 1°.2/17.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.20	−24 16.0	2.271	3.090	12.5	22.0
4 21	15 55.72	−24 4.2	2.170	3.075	9.7	21.8
5 1	15 48.13	−23 42.9	2.091	3.060	6.3	21.5
5 11	15 39.06	−23 12.3	2.040	3.043	2.7	21.3
5 21	15 29.35	−22 34.2	2.017	3.026	1.9	21.2
5 31	15 19.96	−21 51.8	2.023	3.008	5.6	21.4
6 10	15 11.80	−21 9.3	2.056	2.989	9.2	21.6
6 20	15 5.53	−20 30.9	2.113	2.970	12.5	21.7

342911 2008 YG_{149} 5 16.5 145°.45 1°.2/15.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 58.47	−16 50.9	2.080	2.921	12.7	21.0
4 21	15 53.57	−16 34.2	2.002	2.923	9.6	20.8
5 1	15 46.69	−16 13.3	1.948	2.925	6.0	20.5
5 11	15 38.50	−15 50.2	1.921	2.926	2.3	20.3
5 21	15 29.85	−15 27.4	1.921	2.928	2.4	20.3
5 31	15 21.65	−15 7.8	1.949	2.930	6.2	20.6
6 10	15 14.73	−14 54.2	2.003	2.931	9.7	20.8
6 20	15 9.68	−14 48.7	2.079	2.933	12.8	21.0

346087 2007 UP_{141} 5 16.5 67°.98 3°.8/14.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 58.28	− 8 49.2	2.046	2.891	12.7	20.2
4 21	15 53.34	− 8 28.1	1.978	2.897	9.7	20.0
5 1	15 46.49	− 8 9.1	1.933	2.904	6.5	19.8
5 11	15 38.41	− 7 55.4	1.914	2.910	4.1	19.7
5 21	15 29.93	− 7 49.6	1.922	2.916	4.6	19.7
5 31	15 21.93	− 7 53.7	1.958	2.923	7.5	19.9
6 10	15 15.20	− 8 8.8	2.018	2.929	10.6	20.1
6 20	15 10.28	− 8 34.8	2.101	2.935	13.4	20.3

68053 2000 YJ_{53} 5 16.5 178°.50 1°.2/15.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 3.04	−17 12.7	1.996	2.830	13.4	20.3
4 21	15 57.09	−16 53.0	1.915	2.832	10.2	20.1
5 1	15 48.94	−16 28.3	1.859	2.834	6.4	19.9
5 11	15 39.32	−16 0.6	1.829	2.834	2.4	19.6
5 21	15 29.18	−15 32.4	1.827	2.834	2.5	19.6
5 31	15 19.53	−15 7.1	1.854	2.834	6.5	19.9
6 10	15 11.32	−14 48.1	1.907	2.832	10.3	20.1
6 20	15 5.18	−14 37.8	1.983	2.830	13.6	20.3

398744 2013 AA_{12} 5 16.5 82°.40 0°.4/16.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 4.41	−18 21.9	1.274	2.131	18.1	20.6
4 21	15 59.16	−18 29.0	1.211	2.139	13.8	20.4
5 1	15 50.69	−18 30.3	1.168	2.147	8.7	20.1
5 11	15 40.03	−18 26.4	1.149	2.155	3.1	19.8
5 21	15 28.61	−18 19.5	1.153	2.163	2.7	19.8
5 31	15 18.03	−18 12.9	1.183	2.171	8.2	20.1
6 10	15 9.66	−18 10.9	1.236	2.179	13.2	20.4
6 20	15 4.33	−18 16.5	1.308	2.186	17.4	20.7

386474 2008 YB_{100} 5 16.5 209°.14 1°.4/15.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 58.20	−16 23.6	2.212	3.051	12.1	21.8
4 21	15 53.29	−16 1.8	2.129	3.048	9.1	21.6
5 1	15 46.49	−15 36.0	2.069	3.045	5.7	21.4
5 11	15 38.44	−15 8.4	2.037	3.042	2.3	21.1
5 21	15 29.91	−14 41.4	2.032	3.038	2.5	21.1
5 31	15 21.79	−14 18.0	2.056	3.035	6.0	21.3
6 10	15 14.84	−14 1.0	2.105	3.031	9.5	21.6
6 20	15 9.66	−13 52.5	2.178	3.026	12.5	21.7

499212 2009 UT_{37} 5 16.5 231°.48 0°.2/16.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.72	−19 3.6	2.098	2.930	12.9	22.3
4 21	15 56.20	−19 1.6	2.004	2.919	9.9	22.1
5 1	15 48.48	−18 54.3	1.933	2.907	6.3	21.8
5 11	15 39.21	−18 42.5	1.889	2.895	2.3	21.5
5 21	15 29.25	−18 27.9	1.873	2.882	2.0	21.5
5 31	15 19.63	−18 12.9	1.885	2.869	6.1	21.7
6 10	15 11.30	−18 0.7	1.924	2.855	9.9	21.9
6 20	15 4.95	−17 54.0	1.986	2.841	13.3	22.1

20187 Janapittichová 5 16.5 249°.24 9°.2/22.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 9.60	−46 7.3	2.060	2.785	16.6	18.1
4 21	16 3.12	−46 30.5	1.950	2.764	14.6	17.9
5 1	15 53.30	−46 30.1	1.859	2.742	12.3	17.7
5 11	15 41.04	−46 0.1	1.791	2.720	10.3	17.5
5 21	15 27.73	−44 57.4	1.746	2.696	9.2	17.4
5 31	15 15.02	−43 24.1	1.728	2.672	9.9	17.4
6 10	15 4.42	−41 28.0	1.735	2.647	11.9	17.4
6 20	14 56.90	−39 19.9	1.765	2.621	14.7	17.5

469272 2016 JO_{32} 5 16.5 304°.03 3°.2/15.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.62	−10 46.7	1.572	2.425	15.5	20.1
4 21	15 56.82	−10 54.2	1.481	2.406	11.9	19.8
5 1	15 49.25	−11 4.8	1.411	2.387	7.8	19.5
5 11	15 39.59	−11 20.8	1.365	2.367	4.0	19.2
5 21	15 28.90	−11 44.0	1.345	2.349	4.3	19.2
5 31	15 18.49	−12 15.9	1.352	2.330	8.6	19.4
6 10	15 9.65	−12 57.4	1.382	2.312	13.1	19.6
6 20	15 3.28	−13 48.5	1.433	2.294	17.1	19.8

463160 2012 BZ_{4} 5 16.5 167°.54 4°.1/14.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 2.44	− 9 45.4	1.888	2.730	13.8	22.0
4 21	15 56.63	− 9 8.6	1.817	2.735	10.5	21.7
5 1	15 48.64	− 8 32.5	1.768	2.739	7.0	21.5
5 11	15 39.22	− 8 0.8	1.746	2.742	4.3	21.4
5 21	15 29.32	− 7 37.2	1.751	2.745	5.0	21.4
5 31	15 19.97	− 7 24.8	1.783	2.747	8.2	21.6
6 10	15 12.07	− 7 25.5	1.841	2.748	11.6	21.8
6 20	15 6.25	− 7 39.5	1.920	2.749	14.7	22.0

280421 2003 YR_{18} 5 16.5 276°.97 0°.8/16.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 59.73	−17 54.6	2.103	2.940	12.7	21.4
4 21	15 54.82	−17 41.3	1.995	2.913	9.7	21.2
5 1	15 47.70	−17 22.7	1.910	2.886	6.2	20.9
5 11	15 38.97	−17 0.2	1.852	2.858	2.3	20.6
5 21	15 29.45	−16 36.0	1.822	2.830	2.3	20.5
5 31	15 20.12	−16 12.9	1.820	2.802	6.4	20.7
6 10	15 11.96	−15 54.6	1.844	2.773	10.4	20.9
6 20	15 5.71	−15 43.8	1.890	2.744	13.9	21.1

382698 2002 VL_{92} 5 16.5 29°.37 15°.4/17.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 9.48	+19 7.1	1.286	2.076	21.8	18.4
4 21	16 1.69	+19 13.9	1.279	2.121	19.2	18.3
5 1	15 51.41	+18 46.3	1.289	2.168	17.0	18.3
5 11	15 40.01	+17 40.3	1.318	2.215	15.6	18.4
5 21	15 28.90	+15 57.8	1.369	2.264	15.5	18.5
5 31	15 19.33	+13 45.4	1.441	2.313	16.3	18.7
6 10	15 12.15	+11 12.6	1.535	2.362	17.8	18.9
6 20	15 7.69	+ 8 29.1	1.648	2.412	19.4	19.2

250550 2004 RJ_{90} 5 16.5 251°.87 4°.2/13.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 54.76	− 7 52.8	2.560	3.401	10.6	20.7
4 21	15 50.45	− 6 55.6	2.475	3.391	8.2	20.5
5 1	15 44.60	− 5 58.8	2.415	3.381	5.8	20.3
5 11	15 37.76	− 5 6.2	2.383	3.371	4.2	20.2
5 21	15 30.52	− 4 21.5	2.378	3.360	4.9	20.2
5 31	15 23.59	− 3 47.8	2.401	3.349	7.2	20.4
6 10	15 17.60	− 3 27.3	2.450	3.339	9.8	20.5
6 20	15 13.01	− 3 20.5	2.521	3.328	12.2	20.7

339512 2005 GL_{108} 5 16.5 245°.59 0°.2/16.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 58.56	−19 24.5	2.177	3.012	12.4	21.4
4 21	15 53.69	−19 15.5	2.089	3.006	9.4	21.2
5 1	15 46.82	−19 0.8	2.024	2.998	5.9	21.0
5 11	15 38.60	−18 41.7	1.985	2.991	2.1	20.7
5 21	15 29.83	−18 20.1	1.975	2.984	1.9	20.7
5 31	15 21.42	−17 58.6	1.992	2.976	5.8	20.9
6 10	15 14.23	−17 40.6	2.036	2.969	9.4	21.1
6 20	15 8.86	−17 28.5	2.103	2.961	12.5	21.3

436904 2012 TQ_{71} 5 16.5 268°.34 0°.5/16.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 58.06	−22 41.1	1.996	2.831	13.4	21.2
4 21	15 53.51	−22 15.9	1.906	2.821	10.2	21.0
5 1	15 46.80	−21 40.8	1.838	2.812	6.6	20.8
5 11	15 38.61	−20 57.2	1.797	2.802	2.5	20.5
5 21	15 29.83	−20 7.8	1.782	2.792	1.9	20.4
5 31	15 21.47	−19 17.0	1.796	2.782	6.0	20.7
6 10	15 14.45	−18 29.5	1.835	2.772	9.9	20.9
6 20	15 9.44	−17 49.7	1.897	2.762	13.4	21.1

127539 2002 XV_{46} 5 16.5 50°.64 0°.6/16.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 17.88	−12 55.8	1.065	1.915	21.4	19.1
4 21	16 10.57	−14 49.5	0.994	1.917	16.5	18.8
5 1	15 58.69	−16 55.3	0.943	1.919	10.6	18.5
5 11	15 43.20	−19 7.2	0.916	1.922	3.9	18.1
5 21	15 25.94	−21 15.8	0.915	1.924	3.2	18.0
5 31	15 9.33	−23 13.2	0.940	1.927	10.0	18.4
6 10	14 55.63	−24 56.8	0.989	1.929	15.9	18.8
6 20	14 46.20	−26 28.2	1.058	1.932	20.9	19.1

172987 2006 KP_{28} 5 16.5 264°.73 0°.6/16.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 2.28	−18 24.5	1.567	2.414	15.8	20.8
4 21	15 57.36	−18 22.1	1.477	2.401	12.1	20.6
5 1	15 49.58	−18 13.7	1.409	2.387	7.7	20.3
5 11	15 39.72	−18 0.6	1.366	2.372	2.8	19.9
5 21	15 28.88	−17 44.7	1.349	2.358	2.5	19.9
5 31	15 18.43	−17 29.4	1.357	2.343	7.7	20.2
6 10	15 9.68	−17 19.0	1.390	2.328	12.4	20.4
6 20	15 3.52	−17 16.7	1.444	2.313	16.6	20.6

502129 2015 BC_{18} 5 16.5 100°.31 1°.0/15.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 0.60	−18 8.9	1.880	2.721	13.8	21.9
4 21	15 55.23	−17 44.1	1.816	2.736	10.4	21.7
5 1	15 47.73	−17 13.5	1.775	2.751	6.5	21.5
5 11	15 38.89	−16 39.5	1.760	2.766	2.4	21.3
5 21	15 29.68	−16 5.2	1.773	2.781	2.4	21.3
5 31	15 21.10	−15 34.4	1.813	2.795	6.4	21.6
6 10	15 14.04	−15 10.4	1.879	2.809	10.2	21.9
6 20	15 9.04	−14 55.6	1.967	2.822	13.4	22.1

74598 1999 RU_{1} 5 16.5 253°.06 0°.3/16.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 2.03	−19 56.2	1.819	2.657	14.4	20.6
4 21	15 56.84	−19 39.1	1.721	2.639	11.0	20.4
5 1	15 49.11	−19 14.0	1.645	2.620	7.0	20.1
5 11	15 39.52	−18 42.0	1.594	2.600	2.5	19.8
5 21	15 29.06	−18 5.8	1.571	2.580	2.3	19.7
5 31	15 18.94	−17 29.3	1.575	2.559	7.0	19.9
6 10	15 10.27	−16 57.2	1.605	2.538	11.4	20.2
6 20	15 3.88	−16 33.5	1.656	2.516	15.3	20.3

117792 2005 GP_{132} 5 16.5 271°.10 0°.7/16.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 1.52	−18 31.9	1.681	2.526	15.0	20.6
4 21	15 56.67	−18 22.6	1.584	2.506	11.5	20.3
5 1	15 49.12	−18 6.9	1.509	2.486	7.3	20.0
5 11	15 39.56	−17 46.0	1.459	2.465	2.7	19.7
5 21	15 29.03	−17 22.3	1.435	2.444	2.5	19.6
5 31	15 18.80	−16 59.4	1.438	2.423	7.4	19.8
6 10	15 10.11	−16 41.7	1.466	2.401	12.1	20.1
6 20	15 3.83	−16 32.6	1.514	2.379	16.2	20.3

21338 1997 CZ 5 16.5 210°.13 4°.1/14.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.06	−10 15.1	1.756	2.604	14.3	18.2
4 21	15 55.85	− 9 39.2	1.678	2.600	11.0	18.0
5 1	15 48.31	− 9 3.4	1.624	2.596	7.3	17.8
5 11	15 39.17	− 8 31.8	1.594	2.592	4.4	17.6
5 21	15 29.42	− 8 8.1	1.592	2.587	5.1	17.6
5 31	15 20.17	− 7 56.1	1.616	2.583	8.6	17.8
6 10	15 12.41	− 7 57.8	1.664	2.577	12.3	18.0
6 20	15 6.82	− 8 13.6	1.733	2.572	15.6	18.2

164140 2003 YM_{85} 5 16.5 210°.79 3°.0/14.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 58.65	−10 13.6	2.600	3.434	10.7	20.6
4 21	15 53.35	− 9 45.6	2.512	3.426	8.2	20.4
5 1	15 46.44	− 9 17.8	2.449	3.419	5.4	20.3
5 11	15 38.45	− 8 52.6	2.414	3.410	3.2	20.1
5 21	15 30.03	− 8 32.7	2.407	3.402	3.8	20.1
5 31	15 21.92	− 8 20.2	2.429	3.392	6.3	20.3
6 10	15 14.78	− 8 16.9	2.478	3.382	9.2	20.4
6 20	15 9.14	− 8 23.6	2.551	3.372	11.7	20.6

276891 2004 RH_{340} 5 16.5 234°.90 3°.8/16.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 41.38	−15 59.2	0.918	1.740	26.2	21.6
4 21	16 32.21	−18 12.7	0.814	1.720	21.2	21.2
5 1	16 15.42	−20 52.3	0.728	1.696	14.5	20.7
5 11	15 50.53	−23 49.1	0.666	1.669	6.5	20.1
5 21	15 18.99	−26 40.3	0.632	1.638	6.1	20.0
5 31	14 45.15	−29 0.0	0.627	1.604	15.6	20.3
6 10	14 14.59	−30 39.4	0.647	1.565	24.8	20.6
6 20	13 51.14	−31 50.2	0.686	1.524	32.6	20.9

253177 2002 XS_{9} 5 16.5 128°.67 0°.1/16.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 3.86	−19 29.6	2.141	2.967	12.9	21.1
4 21	15 57.48	−19 28.9	2.073	2.985	9.8	20.9
5 1	15 49.08	−19 22.7	2.029	3.001	6.1	20.7
5 11	15 39.38	−19 11.9	2.011	3.017	2.2	20.5
5 21	15 29.31	−18 58.1	2.023	3.032	1.8	20.5
5 31	15 19.81	−18 43.8	2.064	3.047	5.7	20.7
6 10	15 11.73	−18 31.8	2.131	3.060	9.2	21.0
6 20	15 5.63	−18 24.8	2.222	3.073	12.2	21.2

144831 2004 JN_{21} 5 16.5 46°.35 1°.1/17.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 59.85	−21 46.1	2.087	2.918	13.0	20.4
4 21	15 54.73	−22 4.5	2.009	2.922	10.0	20.2
5 1	15 47.51	−22 16.7	1.954	2.926	6.4	20.0
5 11	15 38.87	−22 22.8	1.925	2.929	2.7	19.7
5 21	15 29.69	−22 23.3	1.924	2.933	1.9	19.7
5 31	15 20.95	−22 20.1	1.951	2.938	5.6	19.9
6 10	15 13.54	−22 16.1	2.004	2.942	9.2	20.2
6 20	15 8.09	−22 14.1	2.081	2.946	12.4	20.4

285778 2000 UN_{105} 5 16.5 177°.58 1°.7/15.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 57.52	−13 26.5	2.942	3.772	9.7	21.3
4 21	15 52.31	−13 13.7	2.859	3.773	7.3	21.1
5 1	15 45.69	−12 59.9	2.802	3.774	4.6	20.9
5 11	15 38.16	−12 46.6	2.773	3.775	2.2	20.7
5 21	15 30.30	−12 35.5	2.773	3.776	2.4	20.8
5 31	15 22.74	−12 28.3	2.803	3.776	5.0	20.9
6 10	15 16.06	−12 26.5	2.860	3.775	7.7	21.1
6 20	15 10.70	−12 31.1	2.942	3.774	10.1	21.3

384998 2012 TJ_{219} 5 16.5 243°.16 1°.5/15.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 58.15	−16 53.3	2.111	2.952	12.5	21.7
4 21	15 53.41	−16 22.6	2.023	2.943	9.5	21.5
5 1	15 46.67	−15 46.8	1.958	2.935	6.0	21.3
5 11	15 38.58	−15 8.1	1.920	2.925	2.4	21.0
5 21	15 29.95	−14 29.8	1.910	2.916	2.7	21.0
5 31	15 21.71	−13 55.4	1.928	2.907	6.4	21.2
6 10	15 14.68	−13 28.3	1.971	2.897	10.0	21.4
6 20	15 9.50	−13 11.1	2.037	2.887	13.2	21.6

122882 2000 SJ_{145} 5 16.5 307°.14 2°.4/17.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 59.67	−24 43.7	1.546	2.389	16.2	19.6
4 21	15 55.85	−24 58.4	1.437	2.355	12.8	19.3
5 1	15 48.97	−25 2.6	1.348	2.320	8.7	19.0
5 11	15 39.65	−24 54.7	1.283	2.285	4.2	18.6
5 21	15 28.94	−24 34.8	1.242	2.251	3.1	18.4
5 31	15 18.32	−24 5.5	1.227	2.216	7.8	18.6
6 10	15 9.28	−23 32.4	1.235	2.182	12.8	18.8
6 20	15 2.97	−23 1.8	1.264	2.148	17.5	19.0

411280 2010 SL_{13} 5 16.5 87°.40 1°.5/15.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 14.40	−18 40.8	1.317	2.154	18.8	22.5
4 21	16 5.74	−17 57.7	1.282	2.200	14.0	22.3
5 1	15 54.20	−17 6.5	1.269	2.244	8.6	22.2
5 11	15 41.12	−16 11.3	1.281	2.286	3.1	21.9
5 21	15 28.09	−15 17.5	1.320	2.327	3.2	22.1
5 31	15 16.59	−14 31.0	1.386	2.366	8.2	22.5
6 10	15 7.65	−13 56.6	1.477	2.404	12.6	22.8
6 20	15 1.77	−13 36.6	1.589	2.440	16.2	23.1

116050 2003 WL_{105} 5 16.5 23°.18 1°.5/17.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 57.95	−25 14.9	1.846	2.680	14.3	19.4
4 21	15 53.54	−24 57.9	1.769	2.682	11.0	19.2
5 1	15 46.85	−24 29.1	1.714	2.685	7.2	18.9
5 11	15 38.65	−23 49.4	1.684	2.687	3.2	18.7
5 21	15 29.93	−23 1.5	1.681	2.690	2.2	18.6
5 31	15 21.77	−22 9.8	1.705	2.693	6.1	18.9
6 10	15 15.13	−21 19.8	1.754	2.696	10.0	19.1
6 20	15 10.63	−20 36.0	1.826	2.699	13.4	19.3

134562 1999 RS_{177} 5 16.5 193°.79 0°.9/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 52.38	−15 49.6	4.131	4.957	7.2	21.3
4 21	15 48.14	−15 30.0	4.041	4.954	5.4	21.1
5 1	15 42.96	−15 8.4	3.978	4.951	3.4	21.0
5 11	15 37.16	−14 46.0	3.944	4.948	1.4	20.8
5 21	15 31.15	−14 24.2	3.940	4.945	1.5	20.9
5 31	15 25.34	−14 4.4	3.965	4.941	3.6	21.0
6 10	15 20.11	−13 48.2	4.020	4.937	5.6	21.1
6 20	15 15.76	−13 36.6	4.100	4.932	7.4	21.3

101085 1998 RL_{29} 5 16.5 295°.38 1°.5/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 59.96	−16 35.6	1.507	2.363	15.9	19.6
4 21	15 55.77	−16 24.2	1.412	2.340	12.2	19.3
5 1	15 48.71	−16 7.9	1.339	2.318	7.8	19.0
5 11	15 39.47	−15 48.5	1.289	2.295	3.0	18.7
5 21	15 29.16	−15 28.9	1.265	2.273	3.2	18.6
5 31	15 19.14	−15 13.2	1.266	2.251	8.2	18.8
6 10	15 10.75	−15 5.4	1.291	2.229	13.2	19.1
6 20	15 4.95	−15 8.5	1.336	2.207	17.5	19.3

169524 2002 EW_{42} 5 16.5 2°.30 3°.8/14.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 53.24	−15 53.6	1.029	1.918	19.0	18.5
4 21	15 51.16	−14 48.0	0.970	1.916	14.4	18.3
5 1	15 45.87	−13 33.2	0.930	1.915	9.1	18.0
5 11	15 38.39	−12 16.5	0.910	1.915	4.4	17.7
5 21	15 30.15	−11 6.7	0.913	1.917	5.5	17.8
5 31	15 22.74	−10 12.3	0.937	1.920	10.6	18.0
6 10	15 17.50	− 9 39.4	0.981	1.925	15.7	18.3
6 20	15 15.21	− 9 29.8	1.043	1.931	20.0	18.6

350181 2011 UJ_{185} 5 16.5 275°.57 2°.1/15.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 58.63	−12 38.0	2.261	3.100	11.9	20.3
4 21	15 53.63	−12 35.5	2.175	3.094	9.0	20.1
5 1	15 46.75	−12 32.9	2.113	3.087	5.8	19.9
5 11	15 38.61	−12 32.0	2.078	3.081	2.7	19.7
5 21	15 29.95	−12 34.4	2.071	3.075	3.0	19.7
5 31	15 21.62	−12 41.8	2.093	3.068	6.2	19.9
6 10	15 14.42	−12 55.8	2.140	3.062	9.5	20.1
6 20	15 8.91	−13 17.1	2.211	3.056	12.5	20.3

472198 2014 EQ_{6} 5 16.5 132°.06 0°.3/16.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 57.93	−21 28.0	2.261	3.092	12.2	21.4
4 21	15 53.09	−21 16.0	2.182	3.096	9.2	21.2
5 1	15 46.38	−20 56.9	2.126	3.099	5.9	21.0
5 11	15 38.46	−20 32.1	2.096	3.102	2.2	20.7
5 21	15 30.10	−20 3.3	2.095	3.105	1.7	20.7
5 31	15 22.18	−19 33.7	2.122	3.107	5.3	20.9
6 10	15 15.47	−19 6.5	2.176	3.110	8.7	21.1
6 20	15 10.52	−18 44.8	2.253	3.113	11.7	21.3

513071 2017 WL_{20} 5 16.5 220°.87 2°.0/15.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 0.38	−14 1.4	2.257	3.092	12.0	21.6
4 21	15 54.97	−13 45.6	2.167	3.084	9.1	21.4
5 1	15 47.62	−13 28.0	2.101	3.075	5.8	21.2
5 11	15 38.94	−13 10.3	2.062	3.065	2.6	21.0
5 21	15 29.72	−12 54.9	2.052	3.056	3.0	21.0
5 31	15 20.82	−12 44.3	2.070	3.045	6.3	21.2
6 10	15 13.08	−12 40.6	2.114	3.034	9.7	21.4
6 20	15 7.11	−12 45.4	2.182	3.023	12.8	21.6

31337 1998 HA_{134} 5 16.5 156°.39 4°.3/13.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 56.20	− 7 9.4	2.438	3.278	11.1	19.0
4 21	15 51.53	− 6 20.9	2.367	3.282	8.6	18.8
5 1	15 45.29	− 5 34.2	2.320	3.285	6.0	18.7
5 11	15 38.05	− 4 53.2	2.300	3.288	4.4	18.6
5 21	15 30.48	− 4 20.9	2.308	3.290	5.1	18.6
5 31	15 23.30	− 4 0.3	2.343	3.293	7.3	18.8
6 10	15 17.15	− 3 52.6	2.404	3.295	9.9	18.9
6 20	15 12.50	− 3 58.1	2.487	3.297	12.3	19.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
303723 2005 QX_{16}			5 16.5 247.°60		3.°6/18.7 16	
	h m	° ′			°	m
4 11	15 59.60	−30 16.7	2.370	3.173	12.6	21.0
4 21	15 54.54	−30 38.4	2.280	3.169	10.0	20.8
5 1	15 47.42	−30 49.2	2.213	3.165	7.2	20.7
5 11	15 38.88	−30 47.8	2.172	3.161	4.5	20.5
5 21	15 29.77	−30 34.3	2.158	3.157	3.7	20.4
5 31	15 21.01	−30 10.5	2.172	3.152	5.7	20.5
6 10	15 13.50	−29 40.3	2.213	3.148	8.6	20.7
6 20	15 7.87	−29 8.0	2.278	3.144	11.4	20.9
476805 2008 UW_{176}			5 16.5 145.°59		0.°6/17.1 18	
4 11	15 53.64	−22 51.7	3.997	4.809	7.7	22.8
4 21	15 49.12	−22 42.6	3.915	4.818	5.8	22.6
5 1	15 43.58	−22 29.0	3.859	4.827	3.7	22.5
5 11	15 37.40	−22 11.3	3.832	4.835	1.5	22.3
5 21	15 31.02	−21 50.8	3.834	4.843	1.1	22.3
5 31	15 24.88	−21 28.8	3.867	4.851	3.2	22.5
6 10	15 19.40	−21 7.2	3.929	4.859	5.3	22.6
6 20	15 14.91	−20 47.7	4.016	4.866	7.2	22.8
397656 2007 YV_{62}			5 16.5 28.°64		9.°5/11.4 17	
4 11	15 56.89	+ 6 13.4	1.892	2.721	14.3	20.4
4 21	15 52.37	+ 7 7.3	1.841	2.728	12.1	20.2
5 1	15 45.93	+ 7 46.9	1.812	2.737	10.3	20.1
5 11	15 38.29	+ 8 6.8	1.806	2.745	9.5	20.1
5 21	15 30.32	+ 8 3.4	1.824	2.754	10.2	20.2
5 31	15 22.91	+ 7 35.7	1.865	2.764	11.9	20.3
6 10	15 16.83	+ 6 45.4	1.929	2.774	14.0	20.4
6 20	15 12.61	+ 5 36.2	2.011	2.785	16.0	20.6
469636 2004 SE_{54}			5 16.5 250.°00		5.°6/12.3 18	
4 11	15 58.35	− 5 48.1	2.198	3.038	12.2	21.9
4 21	15 53.48	− 4 37.0	2.106	3.019	9.6	21.6
5 1	15 46.71	− 3 26.6	2.039	2.999	7.1	21.5
5 11	15 38.63	− 2 22.1	1.998	2.979	5.6	21.3
5 21	15 29.99	− 1 28.4	1.985	2.959	6.5	21.3
5 31	15 21.63	− 0 49.9	1.999	2.938	9.1	21.5
6 10	15 14.38	− 0 29.2	2.038	2.916	12.0	21.6
6 20	15 8.82	− 0 26.6	2.097	2.893	14.7	21.7
321139 2008 UQ_{157}			5 16.5 279.°96		0.°6/16.2 17	
4 11	15 58.29	−19 20.3	1.894	2.738	13.7	21.1
4 21	15 53.79	−18 59.5	1.808	2.729	10.4	20.8
5 1	15 47.05	−18 31.6	1.743	2.720	6.5	20.6
5 11	15 38.78	−17 58.4	1.705	2.711	2.4	20.3
5 21	15 29.87	−17 22.8	1.693	2.702	2.2	20.3
5 31	15 21.39	−16 48.6	1.709	2.693	6.5	20.5
6 10	15 14.28	−16 19.9	1.750	2.684	10.5	20.7
6 20	15 9.23	−15 59.8	1.813	2.676	14.0	20.9
233176 2005 VX_{119}			5 16.5 173.°31		11.°1/24.3 17	
4 11	16 8.82	−50 45.9	2.090	2.788	17.1	20.1
4 21	16 2.71	−51 45.2	2.009	2.789	15.4	20.0
5 1	15 53.12	−52 20.8	1.946	2.790	13.6	19.9
5 11	15 41.05	−52 26.6	1.903	2.791	12.0	19.8
5 21	15 28.01	−51 59.2	1.882	2.791	11.1	19.7
5 31	15 15.76	−51 0.1	1.884	2.791	11.3	19.7
6 10	15 5.85	−49 36.0	1.909	2.792	12.5	19.8
6 20	14 59.19	−47 56.4	1.956	2.791	14.2	19.9
410238 2007 TP_{33}			5 16.5 197.°94		0.°2/16.6 15	
4 11	16 3.41	−20 57.9	1.923	2.753	14.0	23.0
4 21	15 57.61	−20 45.3	1.837	2.750	10.7	22.8
5 1	15 49.44	−20 24.6	1.774	2.747	6.8	22.5
5 11	15 39.64	−19 56.9	1.737	2.742	2.5	22.3
5 21	15 29.19	−19 24.4	1.728	2.737	2.0	22.2
5 31	15 19.22	−18 50.7	1.747	2.731	6.4	22.5
6 10	15 10.75	−18 20.2	1.792	2.725	10.4	22.7
6 20	15 4.48	−17 56.6	1.860	2.717	13.9	22.9
395957 2013 AD_{161}			5 16.5 121.°30		0.°1/16.5 17	
4 11	15 56.88	−21 22.6	2.574	3.401	11.0	21.8
4 21	15 52.00	−20 49.5	2.499	3.411	8.3	21.6
5 1	15 45.57	−20 9.5	2.448	3.421	5.2	21.4
5 11	15 38.15	−19 24.4	2.425	3.431	1.9	21.2
5 21	15 30.45	−18 36.8	2.432	3.441	1.5	21.2
5 31	15 23.19	−17 49.9	2.467	3.450	4.9	21.5
6 10	15 17.00	−17 7.3	2.529	3.459	7.9	21.7
6 20	15 12.35	−16 31.6	2.616	3.468	10.6	21.9
154279 2002 TO_{38}			5 16.5 230.°86		0.°1/16.5 17	
4 11	16 3.36	−21 4.8	1.516	2.361	16.4	21.2
4 21	15 58.23	−20 45.6	1.431	2.352	12.6	20.9
5 1	15 50.16	−20 16.1	1.367	2.343	8.0	20.6
5 11	15 39.98	−19 37.5	1.328	2.334	2.9	20.3
5 21	15 28.90	−18 53.0	1.314	2.324	2.4	20.2
5 31	15 18.37	−18 7.7	1.327	2.313	7.7	20.5
6 10	15 9.67	−17 27.7	1.364	2.302	12.5	20.7
6 20	15 3.68	−16 57.9	1.421	2.291	16.8	21.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
501637 2014 SZ_{215}			5 16.5 104.°73		5.°0/14.1 18	
	h m	° ′			°	m
4 11	16 1.51	− 7 52.8	1.732	2.579	14.5	21.6
4 21	15 56.00	− 7 13.1	1.674	2.594	11.2	21.4
5 1	15 48.27	− 6 36.4	1.639	2.608	7.7	21.2
5 11	15 39.16	− 6 7.0	1.629	2.621	5.1	21.1
5 21	15 29.66	− 5 48.7	1.645	2.635	5.8	21.1
5 31	15 20.83	− 5 44.2	1.688	2.648	8.8	21.4
6 10	15 13.58	− 5 54.7	1.755	2.660	12.2	21.6
6 20	15 8.48	− 6 19.5	1.843	2.673	15.2	21.8
29628 1998 TX_{30}			5 16.5 141.°24		3.°2/17.9 18	R
4 11	16 6.18	−26 37.1	1.555	2.383	16.9	18.1
4 21	16 0.28	−26 59.9	1.483	2.390	13.2	17.9
5 1	15 51.37	−27 10.2	1.432	2.397	9.0	17.7
5 11	15 40.38	−27 6.3	1.405	2.403	4.7	17.4
5 21	15 28.62	−26 48.5	1.404	2.409	3.6	17.4
5 31	15 17.59	−26 20.3	1.429	2.415	7.3	17.6
6 10	15 8.59	−25 47.6	1.479	2.420	11.5	17.9
6 20	15 2.42	−25 16.5	1.551	2.425	15.4	18.1
499248 2009 UC_{149}			5 16.5 197.°53		0.°2/16.4 17	
4 11	16 0.65	−20 30.8	2.435	3.259	11.6	23.7
4 21	15 55.04	−20 6.7	2.344	3.255	8.8	23.5
5 1	15 47.60	−19 35.7	2.278	3.251	5.6	23.3
5 11	15 38.93	−18 59.2	2.240	3.246	2.0	23.0
5 21	15 29.80	−18 19.6	2.231	3.240	1.7	23.0
5 31	15 21.06	−17 40.0	2.251	3.233	5.3	23.2
6 10	15 13.46	−17 4.0	2.299	3.226	8.7	23.4
6 20	15 7.57	−16 34.6	2.371	3.218	11.7	23.6
55496 2001 UC_{73}			5 16.5 308.°79		1.°7/14.6 18	
4 11	15 50.01	−11 5.1	4.282	5.115	6.8	19.0
4 21	15 46.37	−10 49.1	4.197	5.112	5.1	18.9
5 1	15 41.86	−10 33.4	4.139	5.110	3.4	18.8
5 11	15 36.80	−10 19.1	4.108	5.107	1.9	18.6
5 21	15 31.55	−10 7.6	4.107	5.104	2.2	18.7
5 31	15 26.46	−10 0.0	4.136	5.101	3.9	18.8
6 10	15 21.91	− 9 57.4	4.192	5.099	5.7	18.9
6 20	15 18.16	−10 0.1	4.273	5.096	7.3	19.0
103230 1999 YE_{15}			5 16.5 122.°46		1.°5/15.8 18	
4 11	16 3.02	−16 43.8	1.851	2.689	14.1	20.5
4 21	15 57.09	−16 21.6	1.786	2.705	10.6	20.3
5 1	15 48.95	−15 54.9	1.745	2.720	6.6	20.1
5 11	15 39.41	−15 25.9	1.729	2.735	2.6	19.9
5 21	15 29.46	−14 57.7	1.742	2.749	2.7	19.9
5 31	15 20.18	−14 33.7	1.782	2.762	6.7	20.2
6 10	15 12.48	−14 17.1	1.848	2.775	10.5	20.4
6 20	15 6.93	−14 9.8	1.937	2.787	13.8	20.7
174579 2003 QM_{17}			5 16.5 284.°38		4.°6/14.3 17	
4 11	15 59.99	−11 8.8	1.480	2.340	15.9	20.6
4 21	15 55.73	−10 24.3	1.390	2.318	12.3	20.3
5 1	15 48.64	− 9 37.3	1.320	2.296	8.3	20.0
5 11	15 39.47	− 8 53.0	1.275	2.274	4.9	19.7
5 21	15 29.29	− 8 16.6	1.255	2.252	5.8	19.7
5 31	15 19.45	− 7 53.6	1.259	2.230	10.0	19.9
6 10	15 11.23	− 7 47.8	1.286	2.208	14.5	20.1
6 20	15 5.55	− 8 0.5	1.333	2.186	18.6	20.3
374948 2007 BE_{74}			5 16.5 33.°07		3.°1/18.1 17	
4 11	16 0.92	−27 54.9	1.654	2.483	16.0	20.7
4 21	15 56.18	−28 1.1	1.577	2.484	12.5	20.5
5 1	15 48.72	−27 53.4	1.521	2.485	8.6	20.3
5 11	15 39.42	−27 31.0	1.489	2.487	4.6	20.0
5 21	15 29.41	−26 55.1	1.483	2.488	3.4	20.0
5 31	15 20.03	−26 9.9	1.502	2.490	6.8	20.2
6 10	15 12.44	−25 21.6	1.547	2.491	10.9	20.4
6 20	15 7.38	−24 36.3	1.613	2.493	14.6	20.6
439533 2014 CA_{9}			5 16.5 12.°01		1.°8/15.6 17	
4 11	15 56.40	−15 38.7	1.634	2.492	14.7	20.4
4 21	15 52.50	−15 24.2	1.566	2.495	11.1	20.2
5 1	15 46.27	−15 6.4	1.520	2.499	7.0	19.9
5 11	15 38.50	−14 47.6	1.499	2.504	2.8	19.7
5 21	15 30.18	−14 31.0	1.503	2.509	3.1	19.7
5 31	15 22.43	−14 19.8	1.533	2.516	7.2	20.0
6 10	15 16.22	−14 16.7	1.587	2.523	11.3	20.2
6 20	15 12.20	−14 23.4	1.662	2.530	14.8	20.4
473855 2016 EB_{131}			5 16.5 9.°56		1.°9/15.6 17	
4 11	15 54.67	−17 55.5	1.092	1.974	18.7	20.2
4 21	15 52.13	−17 18.7	1.034	1.976	14.1	20.0
5 1	15 46.44	−16 32.7	0.995	1.979	8.9	19.7
5 11	15 38.63	−15 42.1	0.977	1.983	3.4	19.4
5 21	15 30.09	−14 53.2	0.981	1.989	3.8	19.4
5 31	15 22.39	−14 12.6	1.008	1.996	9.2	19.7
6 10	15 16.84	−13 46.0	1.056	2.005	14.3	20.0
6 20	15 14.20	−13 36.2	1.122	2.014	18.6	20.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
107764 2001 FN_{40}			5 16.5 72°.27		0°.1/16.5 18	
	h m	° ′			°	m
4 11	16 1.88	−20 36.0	1.464	2.314	16.6	20.0
4 21	15 56.85	−20 24.2	1.402	2.326	12.6	19.8
5 1	15 49.07	−20 3.6	1.362	2.339	7.9	19.6
5 11	15 39.50	−19 35.8	1.345	2.351	2.9	19.3
5 21	15 29.40	−19 3.9	1.354	2.364	2.3	19.3
5 31	15 20.09	−18 32.5	1.389	2.376	7.3	19.6
6 10	15 12.72	−18 6.5	1.448	2.389	11.7	19.9
6 20	15 7.96	−17 49.4	1.528	2.402	15.6	20.2
11855 Preller			5 16.5 261°.08		1°.6/15.7 18	
4 11	16 1.58	−17 6.3	1.799	2.642	14.3	19.3
4 21	15 56.55	−16 37.9	1.699	2.620	10.9	19.0
5 1	15 48.98	−16 3.0	1.621	2.598	7.0	18.7
5 11	15 39.56	−15 23.8	1.569	2.575	2.7	18.4
5 21	15 29.25	−14 43.6	1.545	2.551	3.0	18.4
5 31	15 19.23	−14 6.9	1.547	2.527	7.5	18.6
6 10	15 10.63	−13 38.3	1.574	2.502	11.9	18.8
6 20	15 4.27	−13 21.0	1.623	2.477	15.8	19.0
347755 2002 AX_{183}			5 16.5 104°.92		3°.3/19.0 17	
4 11	15 59.77	−31 24.9	2.534	3.329	12.1	21.8
4 21	15 54.34	−31 27.0	2.461	3.344	9.6	21.6
5 1	15 47.10	−31 17.1	2.411	3.360	6.8	21.5
5 11	15 38.73	−30 54.7	2.388	3.375	4.3	21.3
5 21	15 30.02	−30 21.1	2.392	3.390	3.4	21.3
5 31	15 21.83	−29 38.9	2.425	3.405	5.2	21.4
6 10	15 14.89	−28 52.4	2.485	3.420	7.8	21.6
6 20	15 9.72	−28 5.9	2.570	3.434	10.3	21.8
468368 2016 FV_{15}			5 16.5 169°.88		1°.0/16.9 16	
4 11	16 4.25	−21 48.6	1.730	2.564	15.2	21.8
4 21	15 58.50	−21 59.6	1.652	2.566	11.6	21.5
5 1	15 50.11	−22 3.0	1.596	2.568	7.5	21.3
5 11	15 39.92	−21 58.5	1.566	2.570	3.0	21.0
5 21	15 29.02	−21 47.1	1.562	2.571	2.2	21.0
5 31	15 18.68	−21 31.8	1.586	2.572	6.7	21.3
6 10	15 10.04	−21 16.6	1.635	2.573	10.9	21.5
6 20	15 3.85	−21 5.5	1.706	2.573	14.6	21.7
303862 2005 SE_{256}			5 16.5 188°.37		4°.5/19.2 18	
4 11	16 0.40	−32 55.9	2.379	3.170	12.8	20.5
4 21	15 55.19	−33 25.1	2.292	3.170	10.4	20.4
5 1	15 47.85	−33 42.0	2.229	3.170	7.7	20.2
5 11	15 39.07	−33 44.9	2.190	3.170	5.3	20.0
5 21	15 29.71	−33 33.3	2.179	3.170	4.5	20.0
5 31	15 20.74	−33 9.3	2.195	3.169	6.1	20.1
6 10	15 13.07	−32 36.5	2.238	3.169	8.7	20.2
6 20	15 7.34	−31 59.9	2.304	3.169	11.3	20.4
165293 2000 TU_{8}			5 16.5 92°.25		1°.6/17.3 18	
4 11	16 5.13	−23 56.2	1.526	2.363	16.7	20.1
4 21	15 59.20	−23 58.0	1.468	2.382	12.8	19.9
5 1	15 50.48	−23 48.5	1.430	2.402	8.3	19.7
5 11	15 40.00	−23 27.9	1.418	2.421	3.6	19.4
5 21	15 29.03	−22 58.5	1.431	2.440	2.5	19.4
5 31	15 18.96	−22 24.6	1.471	2.458	6.9	19.7
6 10	15 10.92	−21 51.7	1.535	2.476	11.2	20.0
6 20	15 5.56	−21 24.7	1.621	2.494	14.9	20.3
257326 2009 HA_{101}			5 16.5 216°.45		2°.2/14.8 16	
4 11	15 55.91	−14 25.0	2.485	3.325	10.9	21.1
4 21	15 51.39	−13 41.2	2.402	3.321	8.2	20.9
5 1	15 45.26	−12 54.0	2.343	3.317	5.2	20.7
5 11	15 38.09	−12 6.4	2.311	3.313	2.6	20.5
5 21	15 30.54	−11 21.6	2.308	3.309	3.1	20.5
5 31	15 23.35	−10 42.8	2.333	3.305	6.0	20.7
6 10	15 17.17	−10 13.0	2.385	3.300	9.0	20.9
6 20	15 12.49	− 9 53.7	2.460	3.295	11.7	21.1
276034 2002 AA_{130}			5 16.5 70°.48		5°.5/15.6 18	
4 11	16 12.45	− 1 43.8	1.692	2.514	16.0	20.2
4 21	16 4.15	− 2 20.4	1.638	2.539	12.5	20.0
5 1	15 53.34	− 3 8.8	1.606	2.564	8.8	19.9
5 11	15 40.98	− 4 10.1	1.601	2.589	5.9	19.8
5 21	15 28.27	− 5 23.5	1.625	2.614	6.1	19.8
5 31	15 16.45	− 6 46.9	1.678	2.638	8.9	20.0
6 10	15 6.55	− 8 17.3	1.758	2.663	12.2	20.3
6 20	14 59.17	− 9 51.7	1.862	2.687	15.2	20.5
131682 2001 XX_{192}			5 16.5 324°.99		6°.5/14.1 18	
4 11	15 57.06	− 8 12.7	1.147	2.026	18.2	19.0
4 21	15 54.06	− 7 31.2	1.072	2.009	14.2	18.7
5 1	15 47.84	− 6 52.0	1.015	1.992	9.9	18.4
5 11	15 39.25	− 6 22.1	0.980	1.977	6.7	18.1
5 21	15 29.55	− 6 7.7	0.967	1.962	7.7	18.1
5 31	15 20.33	− 6 13.9	0.975	1.948	11.9	18.3
6 10	15 13.10	− 6 42.8	1.004	1.935	16.7	18.5
6 20	15 8.83	− 7 32.9	1.050	1.923	21.1	18.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
513225 2005 UR_{395}			5 16.5 233°.94		1°.7/17.6 18	
	h m	° ′			°	m
4 11	15 59.46	−25 17.1	2.840	3.649	10.6	22.3
4 21	15 54.09	−25 31.0	2.739	3.637	8.2	22.2
5 1	15 47.02	−25 38.1	2.662	3.624	5.5	22.0
5 11	15 38.76	−25 38.0	2.612	3.612	2.8	21.8
5 21	15 29.98	−25 31.0	2.592	3.598	2.1	21.7
5 31	15 21.43	−25 18.7	2.601	3.585	4.6	21.8
6 10	15 13.83	−25 3.4	2.638	3.571	7.5	22.0
6 20	15 7.73	−24 48.2	2.700	3.556	10.1	22.2
391526 2007 RV_{215}			5 16.5 242°.50		2°.9/14.4 16	
4 11	15 57.57	−12 55.9	2.365	3.204	11.4	22.1
4 21	15 52.78	−12 7.0	2.272	3.190	8.7	21.9
5 1	15 46.23	−11 15.0	2.203	3.176	5.7	21.7
5 11	15 38.48	−10 23.1	2.161	3.161	3.1	21.5
5 21	15 30.24	− 9 35.1	2.148	3.146	3.8	21.5
5 31	15 22.31	− 8 54.5	2.163	3.130	6.7	21.7
6 10	15 15.42	− 8 24.5	2.205	3.113	9.9	21.8
6 20	15 10.14	− 8 6.7	2.269	3.097	12.8	22.0
239097 2006 HR_{47}			5 16.5 39°.20		0°.9/16.1 17	
4 11	16 0.14	−16 53.1	1.886	2.729	13.7	20.4
4 21	15 55.12	−16 53.5	1.809	2.730	10.4	20.2
5 1	15 47.87	−16 50.3	1.755	2.731	6.5	20.0
5 11	15 39.11	−16 44.9	1.726	2.732	2.4	19.7
5 21	15 29.77	−16 39.1	1.725	2.733	2.3	19.7
5 31	15 20.90	−16 35.3	1.751	2.734	6.5	20.0
6 10	15 13.46	−16 36.0	1.802	2.735	10.3	20.2
6 20	15 8.09	−16 43.1	1.876	2.736	13.7	20.4
196180 2002 XH_{86}			5 16.5 206°.16		2°.0/17.4 16	
4 11	16 5.74	−24 38.3	1.683	2.510	15.8	20.6
4 21	15 59.87	−24 44.8	1.597	2.506	12.3	20.3
5 1	15 51.14	−24 40.3	1.532	2.501	8.1	20.1
5 11	15 40.37	−24 24.1	1.492	2.495	3.7	19.8
5 21	15 28.74	−23 57.2	1.479	2.488	2.7	19.7
5 31	15 17.63	−23 23.2	1.494	2.480	7.0	20.0
6 10	15 8.30	−22 47.6	1.533	2.472	11.4	20.2
6 20	15 1.60	−22 15.9	1.595	2.463	15.3	20.4
129062 2004 VL_{25}			5 16.5 257°.75		2°.3/17.8 18	
4 11	16 0.29	−26 42.6	1.986	2.808	13.9	20.1
4 21	15 55.41	−26 38.8	1.891	2.796	10.9	19.9
5 1	15 48.17	−26 23.1	1.818	2.783	7.4	19.7
5 11	15 39.27	−25 55.3	1.770	2.770	3.7	19.4
5 21	15 29.64	−25 16.8	1.749	2.756	2.6	19.3
5 31	15 20.41	−24 30.9	1.756	2.743	6.1	19.5
6 10	15 12.60	−23 43.0	1.789	2.729	10.0	19.7
6 20	15 6.93	−22 58.1	1.845	2.715	13.5	19.9
303734 2005 QP_{62}			5 16.5 186°.75		3°.4/18.9 18	
4 11	15 59.87	−31 17.3	2.784	3.574	11.2	21.8
4 21	15 54.45	−31 33.9	2.693	3.573	9.0	21.6
5 1	15 47.25	−31 40.3	2.627	3.573	6.5	21.5
5 11	15 38.86	−31 35.2	2.586	3.572	4.2	21.3
5 21	15 30.00	−31 19.1	2.574	3.570	3.4	21.2
5 31	15 21.48	−30 53.6	2.591	3.568	5.1	21.4
6 10	15 14.04	−30 22.0	2.635	3.566	7.6	21.5
6 20	15 8.24	−29 48.1	2.704	3.564	10.0	21.7
334195 2001 SM_{221}			5 16.5 146°.17		3°.7/14.0 17	
4 11	15 59.95	−10 50.0	2.129	2.969	12.5	22.1
4 21	15 54.52	− 9 54.9	2.062	2.979	9.5	22.0
5 1	15 47.26	− 8 58.9	2.018	2.989	6.3	21.8
5 11	15 38.83	− 8 6.1	2.002	2.998	3.9	21.7
5 21	15 30.06	− 7 20.6	2.013	3.006	4.6	21.7
5 31	15 21.82	− 6 45.9	2.053	3.014	7.5	21.9
6 10	15 14.85	− 6 24.6	2.118	3.021	10.6	22.1
6 20	15 9.67	− 6 17.2	2.206	3.027	13.3	22.3
162011 Konnohmaru			5 16.5 197°.24		0°.3/16.3 18	
4 11	15 58.81	−19 12.0	3.697	4.509	8.3	23.2
4 21	15 53.09	−18 56.8	3.599	4.504	6.2	23.0
5 1	15 46.15	−18 37.7	3.527	4.498	3.9	22.9
5 11	15 38.42	−18 15.6	3.486	4.491	1.4	22.7
5 21	15 30.39	−17 51.8	3.475	4.483	1.3	22.6
5 31	15 22.59	−17 28.0	3.495	4.475	3.8	22.8
6 10	15 15.51	−17 6.1	3.545	4.465	6.2	23.0
6 20	15 9.55	−16 48.0	3.622	4.455	8.3	23.1
335600 2006 EO_{1}			5 16.5 355°.01		3°.7/18.3 17	
4 11	16 1.59	−28 19.3	1.820	2.641	15.1	20.4
4 21	15 56.59	−28 48.5	1.739	2.640	11.9	20.2
5 1	15 48.99	−29 6.1	1.680	2.640	8.3	20.0
5 11	15 39.58	−29 10.2	1.645	2.640	4.9	19.8
5 21	15 29.43	−29 0.6	1.637	2.639	3.9	19.7
5 31	15 19.77	−28 39.7	1.655	2.639	6.7	19.9
6 10	15 11.75	−28 12.3	1.699	2.639	10.4	20.1
6 20	15 6.12	−27 43.7	1.765	2.639	13.8	20.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
312565 2009 HD_7			5 16.5 22°.81	2°.7/15.6 17		
	h m	° ′			°	m
4 11	15 59.78	−13 58.9	1.170	2.043	18.3	20.3
4 21	15 55.82	−13 51.8	1.113	2.049	13.9	20.1
5 1	15 48.71	−13 43.3	1.074	2.056	8.8	19.8
5 11	15 39.49	−13 36.3	1.058	2.063	3.8	19.6
5 21	15 29.55	−13 34.0	1.065	2.072	4.1	19.6
5 31	15 20.43	−13 39.8	1.096	2.081	9.1	19.9
6 10	15 13.48	−13 56.0	1.148	2.091	14.0	20.2
6 20	15 9.46	−14 23.4	1.219	2.102	18.1	20.5
276923 2004 TS_{112}			5 16.5 269°.83	3°.6/13.9 18		
4 11	15 58.87	−12 50.3	2.089	2.932	12.6	21.0
4 21	15 54.12	−11 41.3	1.985	2.905	9.6	20.7
5 1	15 47.28	−10 26.6	1.904	2.878	6.4	20.5
5 11	15 38.95	− 9 10.6	1.851	2.849	3.8	20.3
5 21	15 29.93	− 7 58.3	1.826	2.821	4.7	20.3
5 31	15 21.16	− 6 55.4	1.829	2.791	8.1	20.4
6 10	15 13.54	− 6 6.4	1.857	2.761	11.7	20.6
6 20	15 7.75	− 5 33.9	1.907	2.731	15.0	20.7
376393 2012 FS_2			5 16.5 346°.64	0°.6/16.8 17		
4 11	15 56.44	−21 37.0	1.212	2.081	18.1	20.3
4 21	15 53.54	−21 32.2	1.139	2.073	13.9	20.1
5 1	15 47.47	−21 16.3	1.085	2.065	9.0	19.8
5 11	15 39.12	−20 50.3	1.053	2.059	3.4	19.4
5 21	15 29.82	−20 17.4	1.044	2.054	2.5	19.3
5 31	15 21.14	−19 42.9	1.058	2.050	8.2	19.7
6 10	15 14.53	−19 13.0	1.094	2.047	13.4	19.9
6 20	15 10.88	−18 52.9	1.149	2.045	18.0	20.2
317932 2003 WC_2			5 16.5 134°.57	0°.1/16.5 17 R		
4 11	16 3.06	−20 53.1	1.811	2.645	14.6	21.8
4 21	15 57.32	−20 35.1	1.741	2.657	11.0	21.6
5 1	15 49.22	−20 8.9	1.693	2.667	7.0	21.4
5 11	15 39.60	−19 35.9	1.672	2.677	2.5	21.1
5 21	15 29.50	−18 59.0	1.677	2.687	2.0	21.1
5 31	15 20.05	−18 22.2	1.711	2.696	6.4	21.4
6 10	15 12.23	−17 50.0	1.770	2.704	10.4	21.7
6 20	15 6.67	−17 25.8	1.852	2.712	13.9	21.9
215977 2005 QR_{149}			5 16.5 221°.55	0°.0/16.5 18		
4 11	15 59.09	−19 11.8	2.551	3.378	11.1	20.6
4 21	15 53.88	−19 16.9	2.460	3.372	8.4	20.4
5 1	15 46.92	−19 18.0	2.393	3.366	5.3	20.2
5 11	15 38.77	−19 15.6	2.354	3.360	1.9	19.9
5 21	15 30.13	−19 10.8	2.344	3.354	1.6	19.9
5 31	15 21.78	−19 5.2	2.363	3.347	5.0	20.1
6 10	15 14.47	−19 1.2	2.410	3.340	8.2	20.3
6 20	15 8.74	−19 0.6	2.480	3.333	11.0	20.5
57757 2001 VT_{17}			5 16.5 141°.13	0°.5/16.9 18		
4 11	15 58.36	−22 8.0	2.581	3.403	11.1	20.9
4 21	15 53.20	−21 56.5	2.502	3.411	8.4	20.7
5 1	15 46.40	−21 38.5	2.449	3.419	5.4	20.6
5 11	15 38.55	−21 14.7	2.422	3.427	2.1	20.3
5 21	15 30.35	−20 47.0	2.424	3.434	1.5	20.3
5 31	15 22.55	−20 17.9	2.456	3.441	4.8	20.5
6 10	15 15.84	−19 50.5	2.515	3.447	7.8	20.7
6 20	15 10.71	−19 27.3	2.598	3.453	10.5	20.9
85970 Fundaçãoterra			5 16.5 67°.02	0°.1/16.5 17		
4 11	15 59.59	−21 36.6	1.644	2.489	15.3	19.4
4 21	15 54.91	−21 7.3	1.577	2.499	11.6	19.2
5 1	15 47.79	−20 27.9	1.532	2.508	7.3	19.0
5 11	15 39.10	−19 40.7	1.511	2.517	2.7	18.7
5 21	15 29.92	−18 49.5	1.517	2.527	2.1	18.7
5 31	15 21.43	−17 59.6	1.550	2.536	6.8	19.0
6 10	15 14.64	−17 16.1	1.607	2.546	10.9	19.2
6 20	15 10.15	−16 42.9	1.686	2.556	14.5	19.5
477964 2011 SL_{37}			5 16.5 50°.99	7°.3/19.3 17		
4 11	16 9.44	−36 33.0	2.125	2.894	14.9	20.4
4 21	16 2.61	−38 11.8	2.053	2.906	12.5	20.2
5 1	15 52.91	−39 37.3	2.003	2.919	10.0	20.1
5 11	15 41.07	−40 43.9	1.978	2.931	8.0	20.0
5 21	15 28.25	−41 27.8	1.980	2.944	7.4	20.0
5 31	15 15.82	−41 48.8	2.009	2.956	8.5	20.1
6 10	15 5.08	−41 50.7	2.064	2.969	10.6	20.2
6 20	14 56.95	−41 39.4	2.141	2.983	13.0	20.4
43977 1997 GD_{17}			5 16.5 165°.94	0°.6/16.9 18		
4 11	16 2.85	−22 31.1	2.018	2.844	13.6	19.6
4 21	15 57.05	−22 15.8	1.939	2.850	10.4	19.4
5 1	15 49.03	−21 51.6	1.883	2.854	6.6	19.2
5 11	15 39.55	−21 19.4	1.854	2.858	2.6	18.9
5 21	15 29.57	−20 41.6	1.852	2.861	1.9	18.8
5 31	15 20.13	−20 1.9	1.879	2.864	5.9	19.1
6 10	15 12.16	−19 24.6	1.932	2.866	9.7	19.4
6 20	15 6.28	−18 53.7	2.009	2.867	13.0	19.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
465345 2007 VL_{283}			5 16.5 50°.74	0°.3/16.4 17		
	h m	° ′			°	m
4 11	16 1.47	−19 21.2	1.413	2.268	16.8	21.7
4 21	15 56.77	−19 14.4	1.346	2.272	12.8	21.5
5 1	15 49.20	−19 0.0	1.299	2.277	8.1	21.2
5 11	15 39.68	−18 39.8	1.276	2.282	2.9	20.9
5 21	15 29.47	−18 16.4	1.278	2.288	2.5	20.9
5 31	15 19.97	−17 54.0	1.306	2.293	7.6	21.2
6 10	15 12.41	−17 37.2	1.356	2.299	12.3	21.5
6 20	15 7.54	−17 29.4	1.428	2.304	16.3	21.8
508477 2016 PV_9			5 16.5 244°.28	5°.1/13.4 17		
4 11	15 57.45	− 5 10.8	2.207	3.048	12.1	21.2
4 21	15 52.72	− 4 32.7	2.130	3.044	9.5	21.0
5 1	15 46.22	− 3 58.4	2.077	3.039	6.8	20.8
5 11	15 38.53	− 3 31.8	2.050	3.035	5.2	20.7
5 21	15 30.39	− 3 16.1	2.050	3.030	5.8	20.7
5 31	15 22.63	− 3 13.7	2.077	3.025	8.2	20.9
6 10	15 16.00	− 3 25.7	2.129	3.020	11.0	21.0
6 20	15 11.02	− 3 51.5	2.202	3.016	13.6	21.2
44950 1999 VY_{65}			5 16.5 172°.26	1°.3/15.8 17		
4 11	16 0.81	−18 35.5	1.720	2.565	14.7	19.7
4 21	15 55.78	−17 55.6	1.645	2.567	11.1	19.5
5 1	15 48.36	−17 7.7	1.591	2.568	7.0	19.3
5 11	15 39.33	−16 14.8	1.564	2.569	2.6	19.0
5 21	15 29.75	−15 21.1	1.563	2.570	2.8	19.0
5 31	15 20.77	−14 31.9	1.589	2.571	7.2	19.3
6 10	15 13.38	−13 51.9	1.640	2.571	11.3	19.5
6 20	15 8.25	−13 24.3	1.713	2.571	14.9	19.7
499524 2010 PZ_{76}			5 16.5 299°.53	1°.4/17.1 17		
4 11	16 0.43	−22 56.8	1.366	2.219	17.4	21.4
4 21	15 56.74	−23 0.1	1.265	2.189	13.6	21.1
5 1	15 49.73	−22 52.2	1.184	2.160	9.0	20.7
5 11	15 40.09	−22 32.5	1.125	2.130	3.8	20.4
5 21	15 28.99	−22 2.1	1.091	2.101	2.7	20.2
5 31	15 18.07	−21 25.0	1.081	2.071	8.3	20.4
6 10	15 8.96	−20 48.0	1.093	2.042	13.9	20.6
6 20	15 2.84	−20 17.6	1.125	2.013	18.9	20.8
182906 2002 EV_{68}			5 16.5 338°.66	2°.1/15.1 17		
4 11	15 54.70	−15 54.7	2.020	2.870	12.6	19.9
4 21	15 50.90	−15 12.2	1.938	2.864	9.5	19.6
5 1	15 45.18	−14 24.8	1.880	2.857	6.0	19.4
5 11	15 38.17	−13 35.7	1.847	2.852	2.7	19.2
5 21	15 30.69	−12 48.6	1.842	2.846	3.2	19.2
5 31	15 23.61	−12 7.8	1.864	2.841	6.7	19.4
6 10	15 17.74	−11 36.7	1.910	2.837	10.2	19.6
6 20	15 13.66	−11 17.5	1.979	2.832	13.4	19.8
507582 2013 AY_{171}			5 16.5 103°.81	3°.6/13.8 17		
4 11	15 55.63	−10 10.1	2.384	3.227	11.2	21.9
4 21	15 51.17	− 9 16.2	2.315	3.234	8.5	21.8
5 1	15 45.13	− 8 22.1	2.270	3.241	5.7	21.6
5 11	15 38.11	− 7 31.4	2.253	3.247	3.7	21.5
5 21	15 30.77	− 6 47.7	2.264	3.254	4.4	21.5
5 31	15 23.85	− 6 14.3	2.302	3.260	6.9	21.7
6 10	15 17.99	− 5 53.2	2.366	3.267	9.7	21.9
6 20	15 13.65	− 5 45.1	2.452	3.273	12.1	22.1
74935 1999 TC_{172}			5 16.5 165°.09	1°.0/15.9 18		
4 11	16 2.10	−18 23.9	1.898	2.736	13.9	20.6
4 21	15 56.53	−17 56.1	1.822	2.740	10.5	20.4
5 1	15 48.73	−17 21.8	1.769	2.744	6.6	20.1
5 11	15 39.46	−16 43.2	1.742	2.748	2.4	19.9
5 21	15 29.68	−16 3.6	1.743	2.751	2.5	19.9
5 31	15 20.45	−15 26.9	1.772	2.753	6.6	20.1
6 10	15 12.71	−14 57.1	1.826	2.755	10.5	20.4
6 20	15 7.10	−14 37.2	1.903	2.756	13.9	20.6
15063 1999 AQ_3			5 16.5 257°.44	0°.4/16.3 18		
4 11	15 58.63	−18 49.6	2.137	2.974	12.6	18.7
4 21	15 53.84	−18 41.1	2.050	2.968	9.5	18.4
5 1	15 47.04	−18 27.4	1.986	2.961	6.0	18.2
5 11	15 38.86	−18 9.7	1.949	2.955	2.2	18.0
5 21	15 30.13	−17 50.1	1.939	2.948	1.9	17.9
5 31	15 21.77	−17 31.1	1.957	2.941	5.8	18.2
6 10	15 14.63	−17 16.0	2.002	2.935	9.5	18.4
6 20	15 9.33	−17 7.1	2.069	2.928	12.7	18.6
504848 2010 SG_3			5 16.5 287°.98	2°.0/17.4 17		
4 11	16 2.90	−24 37.7	1.578	2.414	16.3	22.7
4 21	15 58.36	−24 39.6	1.465	2.380	12.8	22.4
5 1	15 50.65	−24 29.6	1.374	2.345	8.6	22.0
5 11	15 40.41	−24 6.4	1.306	2.309	4.0	21.7
5 21	15 28.74	−23 30.4	1.263	2.272	2.8	21.5
5 31	15 17.13	−22 45.3	1.247	2.235	7.8	21.7
6 10	15 7.12	−21 57.5	1.255	2.198	13.0	21.9
6 20	14 59.86	−21 14.1	1.283	2.160	17.8	22.0

224580 2005 XR_{29} 5 16.5 207°.09 2°.5/15.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 0.38	−13 36.6	2.091	2.931	12.7	21.0
4 21	15 55.11	−13 9.7	2.007	2.926	9.6	20.8
5 1	15 47.80	−12 40.5	1.947	2.922	6.2	20.6
5 11	15 39.13	−12 11.6	1.914	2.916	3.0	20.3
5 21	15 29.93	−11 46.1	1.908	2.910	3.4	20.4
5 31	15 21.13	−11 26.9	1.931	2.904	6.8	20.6
6 10	15 13.59	−11 16.7	1.979	2.898	10.4	20.8
6 20	15 7.92	−11 17.0	2.050	2.890	13.5	20.9

253739 2003 WZ_{36} 5 16.5 199°.56 3°.2/18.0 17

4 11	16 4.83	−27 21.3	1.824	2.641	15.2	21.0
4 21	15 59.07	−27 44.4	1.738	2.639	11.9	20.7
5 1	15 50.60	−27 56.2	1.675	2.636	8.2	20.5
5 11	15 40.22	−27 54.9	1.636	2.633	4.5	20.3
5 21	15 29.04	−27 40.4	1.625	2.629	3.5	20.2
5 31	15 18.34	−27 15.4	1.641	2.625	6.7	20.4
6 10	15 9.31	−26 44.8	1.682	2.620	10.6	20.6
6 20	15 2.77	−26 14.1	1.746	2.615	14.2	20.8

219213 1999 VY_{88} 5 16.5 359°.37 0°.8/16.9 17

4 11	16 1.02	−20 54.9	1.814	2.652	14.4	20.0
4 21	15 56.00	−21 11.6	1.735	2.652	11.0	19.8
5 1	15 48.57	−21 22.1	1.678	2.652	7.1	19.6
5 11	15 39.46	−21 26.4	1.647	2.651	2.8	19.3
5 21	15 29.67	−21 25.4	1.642	2.651	2.0	19.2
5 31	15 20.35	−21 21.1	1.665	2.652	6.3	19.5
6 10	15 12.56	−21 17.0	1.712	2.652	10.4	19.7
6 20	15 7.00	−21 16.0	1.783	2.652	13.9	20.0

272481 2005 UV_{104} 5 16.5 102°.60 1°.5/15.8 17

4 11	16 1.53	−16 14.1	1.884	2.725	13.8	21.4
4 21	15 55.99	−15 56.1	1.821	2.741	10.4	21.3
5 1	15 48.31	−15 34.3	1.780	2.756	6.5	21.0
5 11	15 39.28	−15 11.0	1.766	2.771	2.6	20.8
5 21	15 29.86	−14 48.7	1.779	2.786	2.7	20.9
5 31	15 21.07	−14 30.8	1.820	2.800	6.6	21.1
6 10	15 13.78	−14 19.8	1.887	2.814	10.3	21.4
6 20	15 8.56	−14 17.7	1.976	2.828	13.4	21.6

43907 1995 WX_4 5 16.5 197°.08 0°.4/16.3 18

4 11	16 1.81	−20 15.9	2.053	2.884	13.2	19.8
4 21	15 56.27	−19 47.4	1.966	2.881	10.0	19.6
5 1	15 48.57	−19 11.0	1.904	2.877	6.3	19.4
5 11	15 39.42	−18 28.4	1.868	2.873	2.3	19.1
5 21	15 29.72	−17 42.6	1.860	2.868	2.0	19.1
5 31	15 20.48	−16 57.6	1.880	2.863	6.2	19.3
6 10	15 12.62	−16 17.8	1.927	2.857	10.0	19.6
6 20	15 6.76	−15 46.6	1.997	2.850	13.3	19.7

188476 2004 NX_4 5 16.5 301°.72 4°.2/18.8 18

4 11	15 59.33	−30 52.8	1.635	2.459	16.3	20.0
4 21	15 55.34	−30 55.1	1.540	2.442	13.1	19.7
5 1	15 48.48	−30 40.2	1.465	2.424	9.4	19.5
5 11	15 39.51	−30 6.1	1.414	2.407	5.7	19.2
5 21	15 29.59	−29 13.6	1.387	2.389	4.4	19.1
5 31	15 20.11	−28 7.1	1.386	2.373	7.4	19.2
6 10	15 12.38	−26 54.2	1.409	2.356	11.5	19.4
6 20	15 7.29	−25 42.8	1.454	2.340	15.5	19.6

202883 4723 P–L 5 16.5 248°.73 3°.9/13.9 18

4 11	15 57.96	−11 16.1	2.022	2.869	12.8	20.4
4 21	15 53.36	−10 18.1	1.936	2.858	9.8	20.2
5 1	15 46.75	− 9 17.7	1.874	2.847	6.5	19.9
5 11	15 38.78	− 8 19.2	1.838	2.835	4.1	19.8
5 21	15 30.26	− 7 27.2	1.830	2.823	4.9	19.8
5 31	15 22.12	− 6 46.2	1.848	2.811	8.0	19.9
6 10	15 15.20	− 6 19.5	1.892	2.799	11.4	20.1
6 20	15 10.13	− 6 8.2	1.957	2.786	14.5	20.3

468527 2005 YA_{62} 5 16.5 159°.31 5°.0/13.8 17

4 11	16 1.42	− 4 35.0	2.233	3.065	12.3	21.6
4 21	15 55.61	− 4 6.8	2.163	3.071	9.6	21.4
5 1	15 47.97	− 3 43.3	2.117	3.077	6.9	21.3
5 11	15 39.17	− 3 28.1	2.098	3.082	5.1	21.2
5 21	15 29.99	− 3 23.8	2.106	3.086	5.7	21.2
5 31	15 21.25	− 3 32.1	2.143	3.091	8.0	21.4
6 10	15 13.73	− 3 53.6	2.205	3.094	10.8	21.5
6 20	15 7.95	− 4 27.4	2.289	3.097	13.3	21.7

495848 2002 QD_7 5 16.5 243°.89 2°.7/14.4 18

4 11	16 2.74	−12 18.0	2.887	3.707	10.1	23.8
4 21	15 56.47	−11 29.9	2.772	3.680	7.7	23.6
5 1	15 48.53	−10 38.7	2.683	3.651	5.1	23.4
5 11	15 39.42	− 9 47.0	2.623	3.621	2.9	23.2
5 21	15 29.75	− 8 57.8	2.594	3.589	3.5	23.2
5 31	15 20.24	− 8 14.5	2.596	3.556	6.2	23.3
6 10	15 11.61	− 7 39.9	2.627	3.522	9.0	23.4
6 20	15 4.39	− 7 15.9	2.683	3.486	11.7	23.6

520286 2014 EN_{249} 5 16.6 343°.31 5°.5/12.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 55.45	− 4 48.4	2.204	3.048	12.0	21.1
4 21	15 51.21	− 3 52.9	2.133	3.047	9.4	20.9
5 1	15 45.26	− 3 0.9	2.085	3.046	6.9	20.7
5 11	15 38.21	− 2 16.9	2.064	3.045	5.5	20.6
5 21	15 30.77	− 1 44.9	2.069	3.044	6.3	20.7
5 31	15 23.72	− 1 27.7	2.101	3.043	8.5	20.8
6 10	15 17.78	− 1 26.6	2.157	3.042	11.1	21.0
6 20	15 13.44	− 1 41.1	2.235	3.042	13.6	21.1

384177 2009 BQ_{51} 5 16.6 28°.90 1°.5/15.9 15

4 11	15 57.48	−16 36.0	1.485	2.346	15.8	20.5
4 21	15 53.41	−16 22.7	1.433	2.363	11.8	20.3
5 1	15 46.88	−16 5.1	1.401	2.381	7.4	20.1
5 11	15 38.81	−15 45.8	1.394	2.400	2.8	19.8
5 21	15 30.32	−15 28.0	1.412	2.420	2.9	19.9
5 31	15 22.59	−15 15.0	1.455	2.440	7.3	20.2
6 10	15 16.59	−15 10.0	1.522	2.462	11.4	20.5
6 20	15 12.93	−15 14.5	1.610	2.483	14.9	20.7

61554 2000 QH_{72} 5 16.6 311°.32 1°.2/17.1 17

4 11	15 58.74	−22 58.5	1.256	2.117	18.1	19.4
4 21	15 55.45	−22 53.2	1.171	2.100	14.1	19.1
5 1	15 48.84	−22 35.0	1.105	2.083	9.2	18.7
5 11	15 39.74	−22 4.2	1.061	2.067	3.8	18.4
5 21	15 29.46	−21 23.3	1.041	2.051	2.6	18.2
5 31	15 19.64	−20 37.8	1.044	2.035	8.4	18.5
6 10	15 11.86	−19 55.1	1.069	2.021	13.8	18.8
6 20	15 7.13	−19 21.5	1.113	2.007	18.7	19.0

522684 2016 JP 5 16.6 93°.56 32°.7/16.8 18 CR

4 11	21 3.49	− 8 37.0	0.100	0.965	108.8	20.1
4 21	18 56.32	+ 6 10.3	0.096	1.031	71.6	18.6
5 1	17 7.11	+16 28.8	0.123	1.092	44.4	18.5
5 11	15 58.48	+19 35.1	0.171	1.147	33.8	19.0
5 21	15 19.59	+19 11.6	0.230	1.197	33.0	19.7
5 31	14 58.84	+17 21.3	0.297	1.241	35.6	20.4
6 10	14 49.40	+14 56.1	0.370	1.278	38.6	21.0
6 20	14 47.29	+12 17.4	0.448	1.309	41.3	21.6

287585 2003 FQ_{91} 5 16.6 344°.78 2°.0/17.1 17

4 11	16 2.44	−20 47.0	1.414	2.265	17.0	19.6
4 21	15 57.92	−21 43.2	1.335	2.257	13.2	19.4
5 1	15 50.24	−22 35.8	1.276	2.251	8.6	19.1
5 11	15 40.22	−23 22.5	1.241	2.245	3.8	18.8
5 21	15 29.09	−24 1.2	1.232	2.240	2.9	18.7
5 31	15 18.40	−24 32.1	1.247	2.236	7.7	19.0
6 10	15 9.61	−24 57.7	1.286	2.233	12.4	19.2
6 20	15 3.70	−25 21.4	1.346	2.230	16.6	19.5

9163 1987 RB_1 5 16.6 303°.64 0°.5/16.3 18

4 11	15 56.36	−19 18.2	2.129	2.970	12.5	18.4
4 21	15 52.26	−18 59.8	2.030	2.950	9.5	18.2
5 1	15 46.14	−18 35.0	1.954	2.930	6.0	18.0
5 11	15 38.61	−18 5.3	1.904	2.910	2.2	17.7
5 21	15 30.43	−17 33.2	1.881	2.890	2.0	17.6
5 31	15 22.53	−17 1.8	1.886	2.871	6.0	17.8
6 10	15 15.77	−16 35.0	1.917	2.852	9.7	18.0
6 20	15 10.82	−16 15.5	1.971	2.833	13.1	18.2

481083 2005 SQ_{131} 5 16.6 299°.82 4°.6/18.9 16

4 11	16 1.54	−31 38.1	2.268	3.065	13.2	21.2
4 21	15 56.28	−32 23.3	2.178	3.060	10.7	21.0
5 1	15 48.74	−32 57.8	2.110	3.054	7.9	20.8
5 11	15 39.57	−33 18.9	2.068	3.049	5.4	20.6
5 21	15 29.65	−33 25.7	2.052	3.044	4.7	20.6
5 31	15 20.06	−33 19.0	2.065	3.039	6.4	20.7
6 10	15 11.78	−33 2.3	2.103	3.034	9.2	20.8
6 20	15 5.55	−32 40.3	2.165	3.029	12.0	21.0

5233 1988 RL_{10} 5 16.6 42°.58 0°.9/15.6 18

4 11	15 50.36	−15 57.2	4.140	4.970	7.1	18.6
4 21	15 46.72	−15 40.3	4.057	4.972	5.3	18.5
5 1	15 42.17	−15 21.6	4.001	4.975	3.3	18.3
5 11	15 37.06	−15 2.3	3.973	4.977	1.3	18.2
5 21	15 31.74	−14 43.7	3.974	4.980	1.5	18.2
5 31	15 26.62	−14 27.1	4.005	4.982	3.5	18.3
6 10	15 22.06	−14 13.9	4.064	4.985	5.4	18.5
6 20	15 18.36	−14 5.1	4.148	4.988	7.2	18.6

143482 2003 CU_{12} 5 16.6 13°.79 1°.6/15.8 17

4 11	15 56.79	−15 46.2	1.642	2.500	14.7	19.1
4 21	15 52.84	−15 39.4	1.576	2.504	11.1	18.9
5 1	15 46.57	−15 29.7	1.531	2.510	7.0	18.6
5 11	15 38.75	−15 19.0	1.510	2.516	2.7	18.4
5 21	15 30.39	−15 10.0	1.516	2.523	2.9	18.4
5 31	15 22.60	−15 5.3	1.547	2.531	7.1	18.7
6 10	15 16.35	−15 7.7	1.602	2.540	11.1	18.9
6 20	15 12.28	−15 18.6	1.679	2.549	14.6	19.2

111622 2002 AV_{118} 5 16.6 93°.37 5°.7/19.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 5.22	−32 29.2	1.479	2.296	18.1	19.6
4 21	15 59.90	−32 59.5	1.410	2.304	14.6	19.4
5 1	15 51.34	−33 11.5	1.361	2.313	10.7	19.2
5 11	15 40.56	−33 2.0	1.335	2.321	7.1	19.0
5 21	15 28.98	−32 30.9	1.333	2.330	5.8	18.9
5 31	15 18.24	−31 42.4	1.357	2.338	8.2	19.1
6 10	15 9.73	−30 44.5	1.404	2.347	11.9	19.3
6 20	15 4.26	−29 45.5	1.473	2.355	15.6	19.6

457551 2008 YW_{62} 5 16.6 308°.79 3°.1/18.1 17

4 11	15 59.33	−27 49.1	1.289	2.137	18.5	20.6
4 21	15 55.88	−27 41.3	1.205	2.124	14.6	20.3
5 1	15 49.09	−27 14.9	1.141	2.111	10.0	20.0
5 11	15 39.84	−26 28.9	1.098	2.098	5.1	19.6
5 21	15 29.49	−25 25.7	1.078	2.086	3.6	19.5
5 31	15 19.74	−24 11.7	1.083	2.074	8.1	19.7
6 10	15 12.11	−22 56.4	1.110	2.063	13.3	20.0
6 20	15 7.58	−21 48.7	1.157	2.052	18.0	20.2

173908 2001 VW_{10} 5 16.6 152°.24 2°.4/17.9 18

4 11	16 1.23	−26 38.4	2.488	3.296	11.9	20.7
4 21	15 55.62	−27 2.3	2.405	3.301	9.3	20.5
5 1	15 48.10	−27 17.9	2.345	3.305	6.3	20.3
5 11	15 39.29	−27 24.5	2.313	3.309	3.5	20.2
5 21	15 29.98	−27 22.1	2.309	3.313	2.7	20.1
5 31	15 21.04	−27 12.4	2.334	3.316	5.1	20.3
6 10	15 13.28	−26 58.3	2.385	3.320	8.1	20.5
6 20	15 7.29	−26 43.2	2.462	3.323	10.8	20.6

71475 2000 BF_{17} 5 16.6 199°.94 2°.4/17.9 18

4 11	16 0.60	−26 57.5	2.209	3.024	13.0	19.9
4 21	15 55.39	−27 2.3	2.122	3.022	10.1	19.7
5 1	15 48.06	−26 56.6	2.058	3.020	6.9	19.5
5 11	15 39.30	−26 40.3	2.020	3.018	3.6	19.3
5 21	15 29.97	−26 14.2	2.009	3.015	2.6	19.2
5 31	15 21.07	−25 41.2	2.027	3.012	5.6	19.4
6 10	15 13.48	−25 5.3	2.071	3.009	8.9	19.6
6 20	15 7.84	−24 30.9	2.139	3.005	12.0	19.8

93812 2000 WH_{59} 5 16.6 219°.46 1°.9/17.9 18

4 11	16 0.40	−27 27.2	2.182	2.997	13.1	19.2
4 21	15 55.23	−27 3.9	2.089	2.990	10.2	19.0
5 1	15 47.96	−26 27.8	2.020	2.983	6.9	18.8
5 11	15 39.26	−25 39.4	1.976	2.976	3.4	18.6
5 21	15 30.02	−24 41.0	1.960	2.968	2.3	18.5
5 31	15 21.22	−23 36.7	1.973	2.959	5.6	18.7
6 10	15 13.77	−22 32.0	2.013	2.951	9.2	18.9
6 20	15 8.29	−21 32.1	2.077	2.941	12.4	19.1

233764 2008 TF_{84} 5 16.6 107°.49 0°.4/16.3 17

4 11	15 59.75	−20 0.7	2.033	2.869	13.1	20.9
4 21	15 54.60	−19 35.4	1.964	2.881	9.9	20.7
5 1	15 47.46	−19 3.0	1.918	2.893	6.2	20.5
5 11	15 39.04	−18 25.7	1.898	2.904	2.2	20.3
5 21	15 30.25	−17 46.2	1.906	2.915	2.0	20.3
5 31	15 22.01	−17 8.4	1.942	2.926	5.9	20.5
6 10	15 15.15	−16 36.0	2.005	2.937	9.5	20.8
6 20	15 10.23	−16 11.8	2.090	2.948	12.6	21.0

439376 2013 AZ_{63} 5 16.6 46°.06 5°.7/13.0 18

4 11	15 56.11	− 3 42.8	2.115	2.959	12.4	20.5
4 21	15 51.70	− 2 56.7	2.056	2.969	9.8	20.4
5 1	15 45.56	− 2 16.1	2.020	2.979	7.2	20.2
5 11	15 38.34	− 1 45.1	2.010	2.989	5.8	20.2
5 21	15 30.80	− 1 27.2	2.026	3.000	6.4	20.2
5 31	15 23.74	− 1 24.5	2.069	3.011	8.6	20.4
6 10	15 17.86	− 1 37.5	2.135	3.022	11.2	20.5
6 20	15 13.64	− 2 5.1	2.223	3.033	13.6	20.7

77199 2001 FH_{18} 5 16.6 110°.94 5°.2/18.9 17

4 11	16 5.04	−31 33.5	1.639	2.451	16.8	19.5
4 21	15 59.52	−32 7.5	1.566	2.459	13.5	19.3
5 1	15 51.01	−32 25.8	1.514	2.466	9.8	19.1
5 11	15 40.45	−32 25.6	1.485	2.472	6.4	18.9
5 21	15 29.10	−32 6.2	1.482	2.479	5.3	18.9
5 31	15 18.46	−31 30.9	1.505	2.486	7.6	19.0
6 10	15 9.81	−30 46.3	1.552	2.492	11.2	19.2
6 20	15 3.96	−29 59.5	1.622	2.498	14.7	19.5

292192 2006 SZ_{31} 5 16.6 231°.58 0°.5/16.9 17

4 11	15 58.36	−22 0.6	2.424	3.250	11.6	22.0
4 21	15 53.48	−21 49.6	2.332	3.243	8.9	21.8
5 1	15 46.77	−21 31.6	2.264	3.235	5.7	21.6
5 11	15 38.83	−21 7.3	2.222	3.227	2.2	21.3
5 21	15 30.39	−20 38.5	2.209	3.218	1.6	21.3
5 31	15 22.28	−20 8.0	2.225	3.210	5.1	21.5
6 10	15 15.27	−19 39.0	2.267	3.201	8.5	21.7
6 20	15 9.93	−19 14.6	2.334	3.192	11.4	21.9

152309 2005 TS_{95} 5 16.6 117°.03 2°.2/17.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 2.57	−25 14.7	1.808	2.635	14.9	20.3
4 21	15 57.21	−25 28.3	1.733	2.641	11.5	20.1
5 1	15 49.35	−25 31.7	1.680	2.647	7.7	19.9
5 11	15 39.80	−25 24.3	1.652	2.653	3.7	19.7
5 21	15 29.63	−25 6.9	1.651	2.658	2.7	19.6
5 31	15 20.04	−24 42.6	1.677	2.664	6.3	19.8
6 10	15 12.08	−24 16.0	1.729	2.669	10.2	20.1
6 20	15 6.47	−23 51.6	1.803	2.674	13.7	20.3

218883 2007 BM_{77} 5 16.6 175°.55 0°.8/17.0 17

4 11	16 1.57	−23 0.0	1.980	2.809	13.7	21.0
4 21	15 56.20	−22 44.1	1.899	2.810	10.5	20.8
5 1	15 48.60	−22 18.8	1.841	2.812	6.8	20.6
5 11	15 39.51	−21 45.0	1.808	2.813	2.7	20.3
5 21	15 29.88	−21 5.0	1.804	2.813	1.9	20.3
5 31	15 20.77	−20 22.8	1.828	2.814	6.0	20.5
6 10	15 13.11	−19 42.9	1.877	2.813	9.8	20.8
6 20	15 7.55	−19 9.4	1.950	2.813	13.2	21.0

497742 2006 SP_{216} 5 16.6 256°.14 0°.2/16.7 17

4 11	16 2.63	−20 25.7	1.801	2.637	14.5	22.6
4 21	15 57.46	−20 21.5	1.703	2.620	11.2	22.3
5 1	15 49.70	−20 9.9	1.628	2.602	7.2	22.1
5 11	15 40.02	−19 51.6	1.578	2.584	2.7	21.7
5 21	15 29.44	−19 28.2	1.555	2.565	2.1	21.6
5 31	15 19.16	−19 3.2	1.560	2.546	6.8	21.9
6 10	15 10.36	−18 40.6	1.590	2.526	11.2	22.1
6 20	15 3.87	−18 24.6	1.641	2.505	15.2	22.3

167401 2003 WS_{112} 5 16.6 253°.04 0°.8/17.0 17

4 11	16 0.12	−21 58.8	2.108	2.938	13.0	20.8
4 21	15 55.13	−22 0.8	2.016	2.928	10.0	20.6
5 1	15 47.99	−21 55.6	1.946	2.918	6.4	20.4
5 11	15 39.33	−21 43.6	1.903	2.908	2.6	20.1
5 21	15 30.02	−21 26.2	1.888	2.897	1.8	20.0
5 31	15 21.06	−21 5.7	1.900	2.886	5.8	20.3
6 10	15 13.36	−20 45.9	1.938	2.875	9.5	20.5
6 20	15 7.61	−20 29.9	2.000	2.864	12.8	20.6

74774 1999 RM_{236} 5 16.6 233°.37 4°.3/14.5 17

4 11	16 1.61	−10 4.4	1.734	2.582	14.5	20.1
4 21	15 56.47	− 9 28.9	1.652	2.573	11.2	19.8
5 1	15 48.92	− 8 53.5	1.593	2.565	7.5	19.6
5 11	15 39.69	− 8 22.2	1.558	2.556	4.6	19.4
5 21	15 29.75	− 7 59.2	1.551	2.546	5.2	19.4
5 31	15 20.26	− 7 48.1	1.569	2.536	8.7	19.6
6 10	15 12.25	− 7 51.0	1.612	2.526	12.6	19.8
6 20	15 6.45	− 8 8.6	1.676	2.515	16.0	20.0

180171 2003 HD_{31} 5 16.6 41°.44 1°.3/17.2 17

4 11	15 59.99	−22 14.6	2.148	2.976	12.8	20.2
4 21	15 54.90	−22 36.3	2.070	2.981	9.8	20.0
5 1	15 47.75	−22 52.0	2.015	2.985	6.4	19.8
5 11	15 39.22	−23 1.2	1.987	2.990	2.7	19.6
5 21	15 30.15	−23 4.5	1.987	2.995	2.0	19.5
5 31	15 21.50	−23 3.6	2.014	3.001	5.5	19.8
6 10	15 14.14	−23 1.2	2.068	3.006	8.9	20.0
6 20	15 8.69	−23 0.0	2.145	3.011	12.0	20.2

233968 3021 $T\text{-}_2$ 5 16.6 234°.81 1°.2/15.8 18

4 11	15 59.76	−17 13.5	2.213	3.048	12.2	21.7
4 21	15 54.68	−16 49.3	2.119	3.037	9.3	21.5
5 1	15 47.61	−16 20.1	2.050	3.024	5.9	21.2
5 11	15 39.18	−15 47.9	2.007	3.012	2.3	21.0
5 21	15 30.17	−15 15.1	1.992	2.999	2.4	20.9
5 31	15 21.48	−14 45.2	2.006	2.985	6.1	21.2
6 10	15 13.97	−14 21.3	2.046	2.971	9.7	21.4
6 20	15 8.26	−14 6.0	2.109	2.957	12.9	21.5

474093 2016 KY_3 5 16.6 315°.77 3°.4/14.4 17

4 11	15 55.46	−16 23.1	1.467	2.332	15.7	20.4
4 21	15 52.31	−15 4.4	1.379	2.313	12.0	20.1
5 1	15 46.52	−13 34.4	1.314	2.294	7.7	19.8
5 11	15 38.86	−11 59.0	1.272	2.276	3.9	19.6
5 21	15 30.40	−10 25.8	1.256	2.258	4.9	19.6
5 31	15 22.38	− 9 3.3	1.265	2.241	9.4	19.8
6 10	15 15.98	− 7 58.8	1.297	2.225	14.0	20.0
6 20	15 11.99	− 7 16.2	1.349	2.209	18.0	20.2

38669 Michikawa 5 16.6 252°.02 1°.4/17.4 18

4 11	16 2.00	−24 13.5	2.146	2.966	13.1	20.0
4 21	15 56.65	−24 12.4	2.041	2.947	10.2	19.7
5 1	15 49.03	−24 2.1	1.959	2.927	6.7	19.5
5 11	15 39.75	−23 42.5	1.904	2.906	3.0	19.2
5 21	15 29.69	−23 14.8	1.877	2.885	2.1	19.1
5 31	15 19.90	−22 41.6	1.878	2.863	5.9	19.3
6 10	15 11.37	−22 7.2	1.905	2.841	9.7	19.5
6 20	15 4.85	−21 36.0	1.956	2.818	13.2	19.7

292764 2006 UE_{192} 5 16.6 181°.68 1°.5/17.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 58.49	−26 15.3	3.071	3.875	9.9	22.7
4 21	15 53.19	−26 6.9	2.980	3.875	7.7	22.6
5 1	15 46.42	−25 50.6	2.914	3.876	5.1	22.4
5 11	15 38.69	−25 26.6	2.876	3.876	2.5	22.2
5 21	15 30.61	−24 56.3	2.868	3.875	1.8	22.2
5 31	15 22.85	−24 21.7	2.889	3.874	4.2	22.3
6 10	15 16.02	−23 46.0	2.939	3.872	6.8	22.5
6 20	15 10.57	−23 11.8	3.014	3.869	9.2	22.6

25095 Churinov 5 16.6 279°.20 3°.8/18.4 18

4 11	16 1.73	−29 9.3	1.644	2.469	16.2	18.3
4 21	15 57.19	−29 21.6	1.550	2.453	13.0	18.1
5 1	15 49.72	−29 19.1	1.476	2.437	9.1	17.8
5 11	15 40.08	−28 59.9	1.426	2.421	5.3	17.5
5 21	15 29.43	−28 24.3	1.401	2.405	4.1	17.4
5 31	15 19.18	−27 35.8	1.402	2.388	7.3	17.6
6 10	15 10.68	−26 41.0	1.427	2.372	11.6	17.8
6 20	15 4.85	−25 47.1	1.475	2.356	15.6	18.0

312010 2007 QO_{16} 5 16.6 248°.03 1°.6/15.8 17

4 11	16 2.77	−17 11.6	1.688	2.532	15.0	21.4
4 21	15 57.63	−16 44.8	1.595	2.516	11.5	21.1
5 1	15 49.83	−16 11.4	1.524	2.500	7.3	20.8
5 11	15 40.08	−15 33.7	1.477	2.483	2.9	20.5
5 21	15 29.45	−14 55.1	1.458	2.465	3.1	20.5
5 31	15 19.18	−14 20.2	1.465	2.447	7.7	20.7
6 10	15 10.46	−13 53.7	1.497	2.428	12.3	20.9
6 20	15 4.14	−13 38.9	1.551	2.408	16.2	21.1

379406 2010 AY_{40} 5 16.6 92°.89 5°.5/13.6 17

4 11	15 59.81	− 5 6.8	1.973	2.814	13.3	21.0
4 21	15 54.55	− 4 25.3	1.916	2.830	10.3	20.8
5 1	15 47.38	− 3 48.6	1.883	2.845	7.4	20.7
5 11	15 39.04	− 3 21.1	1.876	2.861	5.6	20.6
5 21	15 30.38	− 3 6.0	1.896	2.876	6.2	20.7
5 31	15 22.30	− 3 5.5	1.942	2.891	8.6	20.8
6 10	15 15.57	− 3 20.2	2.012	2.905	11.5	21.0
6 20	15 10.70	− 3 48.9	2.104	2.920	14.1	21.2

126758 2002 DR_{9} 5 16.6 171°.88 4°.7/14.4 18

4 11	16 2.40	− 5 49.4	2.053	2.888	13.1	20.2
4 21	15 56.59	− 5 34.3	1.978	2.890	10.2	20.0
5 1	15 48.76	− 5 24.0	1.928	2.892	7.1	19.9
5 11	15 39.59	− 5 21.6	1.903	2.893	4.9	19.7
5 21	15 29.92	− 5 29.5	1.906	2.894	5.4	19.7
5 31	15 20.70	− 5 49.1	1.937	2.895	8.1	19.9
6 10	15 12.80	− 6 20.7	1.994	2.895	11.2	20.1
6 20	15 6.79	− 7 3.5	2.072	2.895	14.0	20.3

475173 2005 UL_{457} 5 16.6 248°.93 2°.9/18.9 18

4 11	15 58.93	−31 28.1	2.852	3.642	11.0	21.5
4 21	15 53.81	−31 15.9	2.743	3.624	8.8	21.3
5 1	15 46.96	−30 51.8	2.657	3.606	6.3	21.1
5 11	15 38.93	−30 15.4	2.598	3.587	3.9	20.9
5 21	15 30.42	−29 27.8	2.568	3.568	3.0	20.8
5 31	15 22.19	−28 31.6	2.567	3.549	4.8	20.9
6 10	15 14.98	−27 30.9	2.594	3.529	7.5	21.1
6 20	15 9.34	−26 30.0	2.647	3.508	10.2	21.2

73433 2002 LJ_{57} 5 16.6 290°.21 1°.2/15.9 18

4 11	15 58.18	−18 22.8	1.871	2.717	13.7	20.0
4 21	15 53.72	−17 47.9	1.791	2.714	10.4	19.8
5 1	15 47.10	−17 5.9	1.734	2.711	6.5	19.6
5 11	15 39.01	−16 19.7	1.703	2.709	2.5	19.3
5 21	15 30.39	−15 32.8	1.699	2.706	2.6	19.3
5 31	15 22.25	−14 49.7	1.722	2.704	6.7	19.5
6 10	15 15.51	−14 14.6	1.770	2.702	10.6	19.8
6 20	15 10.80	−13 50.4	1.840	2.699	14.0	20.0

465238 2007 RM_{287} 5 16.6 186°.92 1°.4/15.8 16

4 11	16 3.03	−17 30.4	1.925	2.761	13.8	22.8
4 21	15 57.32	−16 59.9	1.843	2.761	10.4	22.6
5 1	15 49.33	−16 23.4	1.785	2.760	6.6	22.4
5 11	15 39.83	−15 43.2	1.753	2.758	2.5	22.1
5 21	15 29.76	−15 2.6	1.749	2.756	2.7	22.1
5 31	15 20.19	−14 25.8	1.773	2.753	6.8	22.4
6 10	15 12.08	−13 56.5	1.824	2.749	10.7	22.6
6 20	15 6.09	−13 37.6	1.896	2.745	14.1	22.8

165001 2000 BA_{38} 5 16.6 6°.88 4°.9/14.6 17

4 11	15 57.04	−10 40.0	1.210	2.085	17.6	18.9
4 21	15 53.71	−10 3.2	1.149	2.086	13.5	18.7
5 1	15 47.45	− 9 26.9	1.108	2.087	9.0	18.4
5 11	15 39.21	− 8 56.8	1.089	2.089	5.3	18.2
5 21	15 30.25	− 8 38.1	1.093	2.093	6.1	18.3
5 31	15 22.01	− 8 34.9	1.120	2.097	10.2	18.5
6 10	15 15.74	− 8 49.2	1.169	2.102	14.6	18.8
6 20	15 12.18	− 9 20.5	1.236	2.108	18.6	19.0

18868 1999 TD_{101} 5 16.6 179°.59 4°.9/13.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 56.67	− 4 5.0	2.493	3.328	11.0	17.9
4 21	15 51.97	− 3 30.1	2.419	3.328	8.7	17.7
5 1	15 45.72	− 2 59.5	2.370	3.328	6.4	17.6
5 11	15 38.47	− 2 36.7	2.348	3.328	5.0	17.5
5 21	15 30.86	− 2 24.3	2.353	3.328	5.5	17.5
5 31	15 23.60	− 2 24.4	2.385	3.328	7.6	17.6
6 10	15 17.34	− 2 37.5	2.443	3.328	10.0	17.8
6 20	15 12.53	− 3 3.1	2.523	3.328	12.3	18.0

84106 2002 RD_{16} 5 16.6 252°.68 0°.6/16.9 18

4 11	16 1.87	−22 22.9	1.818	2.652	14.5	20.4
4 21	15 56.85	−22 9.9	1.722	2.636	11.2	20.2
5 1	15 49.29	−21 47.1	1.648	2.621	7.2	19.9
5 11	15 39.90	−21 15.1	1.599	2.604	2.8	19.6
5 21	15 29.67	−20 36.2	1.578	2.587	2.0	19.5
5 31	15 19.81	−19 54.4	1.584	2.570	6.6	19.7
6 10	15 11.43	−19 14.7	1.615	2.553	11.0	20.0
6 20	15 5.35	−18 41.9	1.668	2.535	14.8	20.2

334870 2003 UE_{179} 5 16.6 176°.71 0°.1/16.5 17

4 11	16 0.08	−19 51.7	2.594	3.417	11.0	21.9
4 21	15 54.58	−19 40.9	2.509	3.419	8.3	21.7
5 1	15 47.39	−19 24.9	2.449	3.421	5.3	21.5
5 11	15 39.10	−19 4.6	2.417	3.422	1.9	21.3
5 21	15 30.39	−18 41.7	2.414	3.423	1.6	21.3
5 31	15 22.05	−18 18.7	2.440	3.423	4.9	21.5
6 10	15 14.78	−17 58.2	2.494	3.422	8.1	21.7
6 20	15 9.08	−17 42.7	2.572	3.421	10.8	21.9

179562 2002 EY_{28} 5 16.6 15°.06 2°.5/18.0 17

4 11	15 58.03	−26 32.4	2.001	2.827	13.7	19.8
4 21	15 53.64	−26 45.5	1.924	2.830	10.7	19.6
5 1	15 47.07	−26 48.3	1.869	2.834	7.2	19.3
5 11	15 39.04	−26 40.4	1.839	2.837	3.8	19.1
5 21	15 30.45	−26 22.8	1.835	2.841	2.8	19.1
5 31	15 22.33	−25 58.2	1.859	2.846	5.8	19.3
6 10	15 15.61	−25 30.5	1.908	2.851	9.3	19.5
6 20	15 10.92	−25 4.1	1.981	2.856	12.4	19.7

120993 1998 XC_{25} 5 16.6 62°.38 1°.4/16.0 18

4 11	16 2.31	−17 38.4	1.268	2.129	17.9	19.7
4 21	15 57.63	−17 19.0	1.208	2.139	13.6	19.4
5 1	15 49.88	−16 52.9	1.168	2.148	8.5	19.2
5 11	15 40.10	−16 22.8	1.151	2.157	3.2	18.9
5 21	15 29.66	−15 52.8	1.159	2.167	3.2	18.9
5 31	15 20.07	−15 27.8	1.191	2.177	8.4	19.2
6 10	15 12.61	−15 12.2	1.245	2.187	13.2	19.5
6 20	15 8.03	−15 8.8	1.320	2.197	17.3	19.8

352416 2007 XJ_{56} 5 16.6 182°.28 2°.6/18.6 18

4 11	15 59.49	−29 37.6	2.608	3.408	11.6	21.4
4 21	15 54.26	−29 28.9	2.519	3.409	9.2	21.2
5 1	15 47.25	−29 8.9	2.454	3.409	6.4	21.0
5 11	15 39.06	−28 37.6	2.415	3.409	3.6	20.8
5 21	15 30.46	−27 56.3	2.405	3.408	2.7	20.8
5 31	15 22.27	−27 7.9	2.423	3.407	4.9	20.9
6 10	15 15.22	−26 16.5	2.470	3.406	7.8	21.1
6 20	15 9.85	−25 26.3	2.541	3.404	10.5	21.3

338137 2002 QR_{107} 5 16.6 235°.45 0°.3/16.8 17

4 11	15 58.99	−21 43.0	2.207	3.037	12.5	21.7
4 21	15 54.15	−21 25.0	2.116	3.030	9.5	21.5
5 1	15 47.32	−20 59.2	2.049	3.022	6.1	21.2
5 11	15 39.13	−20 26.6	2.008	3.013	2.3	21.0
5 21	15 30.40	−19 49.6	1.995	3.005	1.7	20.9
5 31	15 22.04	−19 11.4	2.011	2.996	5.6	21.1
6 10	15 14.90	−18 35.9	2.053	2.987	9.2	21.4
6 20	15 9.57	−18 6.6	2.118	2.978	12.4	21.5

165389 2000 WC_{188} 5 16.6 207°.23 2°.3/17.9 17

4 11	16 3.20	−27 12.3	1.731	2.556	15.6	20.7
4 21	15 57.93	−26 57.9	1.646	2.552	12.2	20.4
5 1	15 49.96	−26 28.9	1.582	2.548	8.2	20.2
5 11	15 40.15	−25 45.3	1.543	2.543	4.0	19.9
5 21	15 29.62	−24 49.4	1.531	2.538	2.8	19.8
5 31	15 19.66	−23 46.1	1.545	2.533	6.7	20.1
6 10	15 11.43	−22 42.3	1.586	2.527	10.9	20.3
6 20	15 5.70	−21 44.3	1.648	2.521	14.7	20.5

425860 2011 EZ_{82} 5 16.6 12°.29 3°.2/15.0 17

4 11	15 58.92	−13 7.0	1.625	2.481	14.9	20.8
4 21	15 54.52	−12 35.2	1.555	2.482	11.3	20.5
5 1	15 47.71	−12 1.3	1.506	2.483	7.3	20.3
5 11	15 39.31	−11 28.9	1.481	2.484	3.7	20.1
5 21	15 30.31	−11 2.1	1.483	2.485	4.3	20.1
5 31	15 21.87	−10 44.7	1.511	2.487	8.1	20.3
6 10	15 15.01	−10 39.3	1.562	2.489	12.1	20.6
6 20	15 10.38	−10 47.2	1.634	2.491	15.6	20.8

732 Tjilaki 5 16.6 354.°69 7.°0/12.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 57.73	− 6 42.6	1.490	2.352	15.7	14.1
4 21	15 53.72	− 5 17.6	1.425	2.351	12.3	13.9
5 1	15 47.24	− 3 54.3	1.383	2.350	9.0	13.7
5 11	15 39.14	− 2 40.3	1.364	2.349	7.0	13.5
5 21	15 30.46	− 1 42.8	1.370	2.349	8.1	13.6
5 31	15 22.39	− 1 7.3	1.399	2.349	11.2	13.8
6 10	15 15.95	− 0 56.1	1.451	2.349	14.7	14.0
6 20	15 11.80	− 1 8.1	1.522	2.349	17.9	14.2

422660 1998 TM_{22} 5 16.6 221.°91 0.°6/16.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 2.70	−21 48.2	2.045	2.872	13.4	22.0
4 21	15 57.17	−21 42.3	1.951	2.862	10.3	21.8
5 1	15 49.35	−21 28.6	1.881	2.853	6.6	21.5
5 11	15 39.92	−21 7.6	1.838	2.842	2.6	21.3
5 21	15 29.81	−20 41.0	1.822	2.831	1.8	21.2
5 31	15 20.07	−20 11.7	1.834	2.820	6.0	21.4
6 10	15 11.68	−19 43.9	1.873	2.808	9.9	21.6
6 20	15 5.36	−19 21.2	1.935	2.795	13.4	21.8

142283 2002 RJ_{130} 5 16.6 229.°39 1.°5/17.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 4.06	−22 49.7	1.837	2.666	14.6	20.5
4 21	15 58.51	−23 5.5	1.747	2.658	11.3	20.2
5 1	15 50.36	−23 13.6	1.680	2.649	7.4	20.0
5 11	15 40.34	−23 13.2	1.637	2.640	3.2	19.7
5 21	15 29.47	−23 5.0	1.622	2.631	2.3	19.6
5 31	15 18.99	−22 51.2	1.634	2.621	6.5	19.9
6 10	15 10.04	−22 35.8	1.672	2.611	10.7	20.1
6 20	15 3.44	−22 22.9	1.733	2.600	14.4	20.3

85375 1996 GY_4 5 16.6 81.°98 0.°2/16.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 0.32	−20 4.7	1.957	2.793	13.6	20.2
4 21	15 55.31	−20 7.4	1.879	2.796	10.3	20.0
5 1	15 48.11	−20 4.3	1.825	2.799	6.5	19.7
5 11	15 39.45	−19 56.0	1.797	2.802	2.4	19.5
5 21	15 30.23	−19 44.1	1.796	2.805	1.8	19.4
5 31	15 21.48	−19 31.2	1.822	2.808	6.0	19.7
6 10	15 14.13	−19 20.3	1.875	2.812	9.8	19.9
6 20	15 8.82	−19 14.3	1.950	2.815	13.1	20.2

342474 2008 UJ_{140} 5 16.6 142.°37 0.°2/16.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 59.32	−20 20.3	1.992	2.829	13.3	21.8
4 21	15 54.50	−20 2.0	1.914	2.831	10.1	21.6
5 1	15 47.56	−19 36.4	1.859	2.833	6.4	21.4
5 11	15 39.23	−19 5.2	1.829	2.835	2.3	21.1
5 21	15 30.40	−18 30.9	1.828	2.837	1.9	21.1
5 31	15 22.06	−17 57.2	1.854	2.839	6.0	21.4
6 10	15 15.07	−17 27.8	1.905	2.840	9.7	21.6
6 20	15 10.06	−17 5.9	1.980	2.842	13.0	21.8

508048 2015 BA_{536} 5 16.6 337.°29 4.°3/15.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 58.75	− 9 48.3	1.364	2.230	16.6	20.5
4 21	15 54.97	− 9 39.0	1.288	2.219	12.8	20.2
5 1	15 48.33	− 9 32.7	1.232	2.209	8.6	20.0
5 11	15 39.64	− 9 33.3	1.199	2.199	4.9	19.7
5 21	15 30.04	− 9 44.0	1.189	2.190	5.4	19.7
5 31	15 20.91	−10 7.1	1.205	2.182	9.5	19.9
6 10	15 13.54	−10 43.7	1.242	2.175	14.0	20.2
6 20	15 8.78	−11 33.2	1.299	2.169	18.0	20.4

158290 2001 UQ_{85} 5 16.6 127.°29 0.°9/16.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.17	−18 21.8	1.896	2.736	13.8	21.3
4 21	15 55.87	−17 58.1	1.826	2.745	10.4	21.1
5 1	15 48.40	−17 28.4	1.778	2.753	6.5	20.8
5 11	15 39.53	−16 54.9	1.756	2.762	2.4	20.6
5 21	15 30.19	−16 20.5	1.762	2.770	2.3	20.6
5 31	15 21.43	−15 49.0	1.795	2.778	6.4	20.9
6 10	15 14.15	−15 24.0	1.854	2.785	10.2	21.1
6 20	15 8.93	−15 8.1	1.936	2.792	13.5	21.3

428705 2008 QT_{44} 5 16.6 211.°31 4.°0/18.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 3.35	−30 15.3	2.122	2.924	13.8	21.2
4 21	15 57.76	−30 43.4	2.032	2.920	11.1	21.0
5 1	15 49.78	−30 59.7	1.964	2.916	8.0	20.8
5 11	15 40.11	−31 2.5	1.922	2.911	5.0	20.6
5 21	15 29.70	−30 51.1	1.908	2.906	4.1	20.5
5 31	15 19.69	−30 27.6	1.921	2.900	6.3	20.6
6 10	15 11.11	−29 56.3	1.960	2.895	9.5	20.8
6 20	15 4.72	−29 22.3	2.022	2.889	12.6	21.0

475111 2005 UC_{259} 5 16.6 294.°22 3.°1/13.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 55.51	−14 21.9	2.206	3.052	11.9	20.4
4 21	15 51.43	−13 1.7	2.116	3.038	9.0	20.1
5 1	15 45.57	−11 35.4	2.050	3.025	5.9	19.9
5 11	15 38.51	−10 7.5	2.012	3.012	3.3	19.7
5 21	15 30.98	− 8 43.4	2.003	2.999	4.2	19.8
5 31	15 23.82	− 7 28.5	2.021	2.986	7.3	19.9
6 10	15 17.75	− 6 27.2	2.065	2.973	10.5	20.1
6 20	15 13.34	− 5 42.1	2.132	2.960	13.5	20.3

236709 2007 EG_{198} 5 16.6 6.°39 1.°8/17.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 2.77	−20 32.6	1.080	1.947	19.9	20.1
4 21	15 58.83	−21 17.7	1.015	1.947	15.4	19.8
5 1	15 51.16	−21 56.8	0.969	1.947	10.0	19.5
5 11	15 40.76	−22 28.0	0.944	1.949	4.2	19.2
5 21	15 29.19	−22 50.2	0.941	1.951	3.1	19.1
5 31	15 18.37	−23 5.0	0.962	1.954	8.8	19.5
6 10	15 10.03	−23 16.7	1.004	1.958	14.2	19.8
6 20	15 5.17	−23 29.9	1.064	1.962	18.9	20.1

286117 2001 TN_{129} 5 16.6 268.°78 0.°1/16.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 58.05	−20 31.4	2.187	3.021	12.4	21.4
4 21	15 53.48	−20 15.1	2.095	3.011	9.4	21.2
5 1	15 46.93	−19 51.8	2.027	3.001	6.0	21.0
5 11	15 39.03	−19 23.0	1.985	2.990	2.2	20.7
5 21	15 30.57	−18 50.7	1.970	2.980	1.8	20.7
5 31	15 22.44	−18 18.2	1.984	2.969	5.7	20.9
6 10	15 15.50	−17 49.1	2.024	2.959	9.3	21.1
6 20	15 10.36	−17 26.4	2.087	2.948	12.5	21.3

183256 2002 TL_{174} 5 16.6 181.°36 0.°3/16.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 3.60	−18 39.6	1.868	2.703	14.2	20.2
4 21	15 57.91	−18 42.8	1.788	2.704	10.8	20.0
5 1	15 49.83	−18 41.0	1.730	2.704	6.8	19.8
5 11	15 40.11	−18 35.0	1.699	2.704	2.5	19.5
5 21	15 29.74	−18 26.3	1.695	2.704	2.1	19.4
5 31	15 19.84	−18 17.3	1.718	2.703	6.4	19.7
6 10	15 11.46	−18 11.3	1.768	2.702	10.5	20.0
6 20	15 5.28	−18 10.8	1.840	2.700	14.0	20.2

286453 2002 AO_{82} 5 16.6 189.°55 6.°1/11.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 57.66	+ 3 55.7	3.072	3.880	9.8	21.4
4 21	15 52.44	+ 4 36.2	3.000	3.879	8.2	21.3
5 1	15 45.93	+ 5 9.0	2.952	3.877	6.8	21.2
5 11	15 38.59	+ 5 30.9	2.931	3.874	6.2	21.2
5 21	15 30.95	+ 5 39.3	2.938	3.871	6.7	21.2
5 31	15 23.61	+ 5 33.0	2.972	3.868	8.0	21.3
6 10	15 17.09	+ 5 12.0	3.031	3.864	9.7	21.4
6 20	15 11.80	+ 4 37.4	3.112	3.859	11.4	21.5

388983 2008 UZ_{60} 5 16.6 92.°29 0.°1/16.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 58.68	−22 51.6	1.936	2.772	13.7	20.6
4 21	15 54.01	−22 4.0	1.861	2.777	10.4	20.4
5 1	15 47.24	−21 5.3	1.809	2.783	6.6	20.2
5 11	15 39.12	−19 58.2	1.783	2.788	2.4	19.9
5 21	15 30.58	−18 46.9	1.784	2.794	1.9	19.9
5 31	15 22.62	−17 36.7	1.813	2.799	6.1	20.2
6 10	15 16.09	−16 33.3	1.869	2.804	9.9	20.4
6 20	15 11.57	−15 40.6	1.947	2.810	13.2	20.7

177754 2005 JE_{86} 5 16.6 114.°39 1.°1/16.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 3.16	−17 38.9	1.688	2.531	15.1	21.2
4 21	15 57.59	−17 21.2	1.623	2.544	11.4	21.0
5 1	15 49.58	−16 58.0	1.580	2.556	7.1	20.8
5 11	15 40.00	−16 31.4	1.562	2.568	2.7	20.5
5 21	15 29.92	−16 4.3	1.571	2.579	2.6	20.5
5 31	15 20.53	−15 40.7	1.607	2.590	7.0	20.8
6 10	15 12.82	−15 23.9	1.668	2.601	11.1	21.1
6 20	15 7.44	−15 16.6	1.751	2.611	14.6	21.3

88226 2001 BY_{41} 5 16.6 36.°78 5.°9/12.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 59.40	−20 8.7	0.909	1.793	21.3	17.8
4 21	15 56.11	−16 53.9	0.854	1.798	16.0	17.5
5 1	15 49.16	−13 12.0	0.819	1.804	10.2	17.2
5 11	15 39.91	− 9 21.0	0.808	1.810	6.0	17.0
5 21	15 30.07	− 5 44.1	0.820	1.816	8.5	17.2
5 31	15 21.46	− 2 43.0	0.856	1.823	14.0	17.5
6 10	15 15.47	− 0 29.6	0.912	1.831	19.2	17.8
6 20	15 12.74	+ 0 54.8	0.983	1.838	23.6	18.1

253985 2004 EC_{54} 5 16.6 119.°21 0.°5/16.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 3.21	−21 45.2	1.800	2.634	14.7	21.8
4 21	15 57.56	−21 34.0	1.732	2.647	11.2	21.6
5 1	15 49.54	−21 14.0	1.686	2.659	7.1	21.4
5 11	15 39.98	−20 46.6	1.666	2.671	2.7	21.1
5 21	15 29.95	−20 14.2	1.674	2.683	1.9	21.1
5 31	15 20.58	−19 40.5	1.708	2.695	6.3	21.4
6 10	15 12.84	−19 10.1	1.769	2.705	10.3	21.7
6 20	15 7.38	−18 46.6	1.852	2.716	13.7	21.9

367317 2007 YE_{73} 5 16.6 57.°62 3.°4/15.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.35	−12 35.6	1.477	2.334	16.1	21.3
4 21	15 56.56	−12 11.3	1.410	2.338	12.2	21.0
5 1	15 49.11	−11 46.0	1.365	2.342	7.9	20.8
5 11	15 39.88	−11 23.2	1.344	2.346	4.0	20.6
5 21	15 30.01	−11 6.7	1.348	2.351	4.5	20.6
5 31	15 20.80	−10 59.9	1.378	2.355	8.6	20.8
6 10	15 13.36	−11 5.4	1.431	2.360	12.8	21.1
6 20	15 8.41	−11 23.7	1.504	2.365	16.5	21.3

513387 2008 GY_{133} 5 16.6 27.°82 1.°3/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 52.24	−13 28.6	3.811	4.642	7.6	20.7
4 21	15 48.25	−13 25.4	3.732	4.647	5.7	20.6
5 1	15 43.26	−13 21.7	3.679	4.652	3.6	20.4
5 11	15 37.63	−13 18.6	3.655	4.658	1.7	20.3
5 21	15 31.78	−13 17.2	3.660	4.664	1.8	20.3
5 31	15 26.14	−13 18.5	3.695	4.670	3.8	20.4
6 10	15 21.12	−13 23.6	3.757	4.676	5.9	20.6
6 20	15 17.04	−13 32.9	3.844	4.682	7.8	20.7

29592 1998 FP_{123} 5 16.6 188.°25 1.°2/17.5 18

4 11	15 58.97	−24 33.3	2.941	3.751	10.2	19.8
4 21	15 53.67	−24 29.0	2.850	3.750	7.8	19.6
5 1	15 46.83	−24 17.5	2.784	3.748	5.2	19.4
5 11	15 38.98	−23 59.3	2.745	3.746	2.3	19.2
5 21	15 30.73	−23 35.5	2.736	3.744	1.6	19.2
5 31	15 22.80	−23 8.1	2.756	3.741	4.3	19.3
6 10	15 15.81	−22 40.0	2.805	3.738	7.1	19.5
6 20	15 10.24	−22 13.9	2.879	3.734	9.6	19.7

425861 2011 EB_{83} 5 16.6 172.°92 7.°5/20.6 17

4 11	16 7.00	−39 16.6	2.035	2.800	15.6	21.5
4 21	16 0.95	−40 10.9	1.953	2.802	13.2	21.4
5 1	15 52.02	−40 48.0	1.890	2.803	10.6	21.2
5 11	15 41.01	−41 3.3	1.852	2.804	8.4	21.1
5 21	15 29.11	−40 54.8	1.838	2.805	7.5	21.0
5 31	15 17.74	−40 23.8	1.851	2.806	8.6	21.1
6 10	15 8.17	−39 36.0	1.888	2.806	10.8	21.2
6 20	15 1.27	−38 38.8	1.948	2.806	13.4	21.4

306985 2001 VD_{113} 5 16.6 128.°78 2.°3/18.2 17

4 11	16 2.13	−28 42.4	2.010	2.823	14.1	20.8
4 21	15 56.61	−28 16.2	1.935	2.834	11.0	20.6
5 1	15 48.87	−27 35.6	1.883	2.844	7.5	20.4
5 11	15 39.73	−26 41.5	1.856	2.855	3.8	20.2
5 21	15 30.19	−25 36.6	1.857	2.864	2.6	20.1
5 31	15 21.30	−24 25.9	1.887	2.874	5.8	20.3
6 10	15 13.97	−23 15.5	1.943	2.882	9.3	20.6
6 20	15 8.77	−22 11.0	2.023	2.891	12.6	20.8

23554 1994 PJ_{11} 5 16.6 343.°13 1.°5/17.2 18

4 11	15 55.62	−23 4.4	1.160	2.030	18.7	17.4
4 21	15 53.25	−23 6.6	1.085	2.018	14.5	17.1
5 1	15 47.58	−22 56.0	1.028	2.007	9.5	16.8
5 11	15 39.48	−22 33.0	0.992	1.998	4.0	16.5
5 21	15 30.31	−22 0.1	0.979	1.989	2.7	16.3
5 31	15 21.72	−21 22.6	0.989	1.982	8.3	16.6
6 10	15 15.24	−20 47.5	1.020	1.977	13.7	16.9
6 20	15 11.83	−20 20.8	1.069	1.972	18.4	17.2

485449 2011 QD_{90} 5 16.6 230.°22 5.°1/23.1 17

4 11	15 56.16	−47 17.5	4.662	5.346	8.4	21.8
4 21	15 51.40	−47 43.1	4.568	5.344	7.4	21.7
5 1	15 45.34	−47 57.7	4.495	5.343	6.4	21.6
5 11	15 38.43	−47 59.9	4.447	5.341	5.5	21.5
5 21	15 31.18	−47 49.5	4.424	5.339	5.1	21.5
5 31	15 24.16	−47 27.0	4.428	5.338	5.3	21.5
6 10	15 17.90	−46 54.5	4.458	5.336	6.0	21.6
6 20	15 12.82	−46 14.6	4.513	5.334	7.0	21.6

67090 2000 AC_{52} 5 16.6 235.°24 3.°2/18.7 18

4 11	16 1.39	−30 20.1	2.293	3.095	13.0	19.8
4 21	15 56.12	−30 16.9	2.194	3.083	10.3	19.6
5 1	15 48.67	−30 0.7	2.117	3.070	7.3	19.4
5 11	15 39.73	−29 30.7	2.066	3.057	4.3	19.2
5 21	15 30.15	−28 47.9	2.042	3.044	3.3	19.1
5 31	15 20.95	−27 55.3	2.047	3.030	5.7	19.2
6 10	15 13.04	−26 57.9	2.079	3.016	8.9	19.4
6 20	15 7.09	−26 1.0	2.135	3.001	12.0	19.6

478011 2011 SA_{178} 5 16.6 179.°86 4.°3/19.5 16

4 11	16 1.72	−33 51.1	2.740	3.518	11.7	22.1
4 21	15 56.07	−34 19.6	2.651	3.519	9.5	22.0
5 1	15 48.51	−34 36.8	2.585	3.519	7.2	21.8
5 11	15 39.64	−34 40.8	2.545	3.519	5.1	21.7
5 21	15 30.24	−34 31.5	2.532	3.519	4.3	21.6
5 31	15 21.18	−34 10.1	2.548	3.519	5.6	21.7
6 10	15 13.27	−33 40.2	2.592	3.518	7.9	21.9
6 20	15 7.09	−33 5.8	2.660	3.517	10.2	22.0

227862 2007 DX_{87} 5 16.6 329.°71 0.°5/16.4 17

4 11	15 59.92	−18 41.0	1.577	2.429	15.5	20.4
4 21	15 55.58	−18 37.9	1.498	2.423	11.8	20.1
5 1	15 48.60	−18 28.8	1.441	2.418	7.5	19.9
5 11	15 39.76	−18 15.1	1.407	2.413	2.7	19.5
5 21	15 30.15	−17 58.9	1.400	2.409	2.3	19.5
5 31	15 21.03	−17 43.7	1.418	2.405	7.2	19.8
6 10	15 13.57	−17 33.3	1.460	2.401	11.7	20.0
6 20	15 8.54	−17 30.8	1.523	2.398	15.6	20.3

126717 2002 CZ_{247} 5 16.6 53.°76 0.°2/16.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 57.65	−19 44.4	2.196	3.032	12.3	19.4
4 21	15 53.03	−19 34.4	2.123	3.040	9.3	19.2
5 1	15 46.57	−19 18.7	2.075	3.049	5.8	19.0
5 11	15 38.92	−18 58.8	2.052	3.058	2.1	18.7
5 21	15 30.86	−18 36.6	2.057	3.067	1.7	18.7
5 31	15 23.26	−18 15.0	2.090	3.076	5.4	19.0
6 10	15 16.88	−17 56.8	2.150	3.085	8.8	19.2
6 20	15 12.24	−17 44.4	2.232	3.094	11.8	19.4

240922 2006 FS_{3} 5 16.6 96.°82 3.°3/14.6 17

4 11	15 58.14	−13 9.7	1.902	2.751	13.4	20.6
4 21	15 53.58	−12 16.8	1.832	2.756	10.1	20.4
5 1	15 46.98	−11 20.9	1.785	2.760	6.6	20.2
5 11	15 39.08	−10 26.3	1.764	2.765	3.6	20.0
5 21	15 30.74	− 9 37.4	1.770	2.769	4.3	20.0
5 31	15 22.93	− 8 58.5	1.804	2.774	7.6	20.2
6 10	15 16.47	− 8 32.6	1.861	2.778	11.0	20.5
6 20	15 11.92	− 8 21.2	1.941	2.782	14.1	20.7

472230 2014 FG_{66} 5 16.6 38.°80 3.°6/14.7 17

4 11	15 57.83	− 9 31.9	2.089	2.934	12.5	20.5
4 21	15 53.18	− 9 11.5	2.020	2.939	9.5	20.3
5 1	15 46.67	− 8 52.8	1.974	2.945	6.4	20.1
5 11	15 38.96	− 8 38.6	1.953	2.951	3.8	20.0
5 21	15 30.84	− 8 31.6	1.961	2.956	4.3	20.0
5 31	15 23.15	− 8 33.8	1.995	2.962	7.1	20.2
6 10	15 16.69	− 8 46.3	2.055	2.969	10.3	20.4
6 20	15 11.97	− 9 9.3	2.137	2.975	13.1	20.6

36432 2000 PQ_{12} 5 16.6 187.°93 5.°7/12.4 18 R

4 11	15 59.14	− 3 35.2	2.402	3.233	11.5	19.9
4 21	15 53.92	− 2 31.0	2.328	3.233	9.1	19.7
5 1	15 47.04	− 1 30.4	2.278	3.231	6.9	19.5
5 11	15 39.08	− 0 37.9	2.256	3.229	5.7	19.5
5 21	15 30.75	+ 0 2.4	2.261	3.227	6.4	19.5
5 31	15 22.79	+ 0 27.6	2.294	3.224	8.5	19.6
6 10	15 15.90	+ 0 36.3	2.351	3.220	11.0	19.8
6 20	15 10.56	+ 0 28.9	2.430	3.215	13.3	19.9

46484 2245 T_{-2} 5 16.6 327.°67 1.°8/15.8 18

4 11	15 56.31	−17 49.4	1.224	2.097	17.7	18.7
4 21	15 53.56	−17 18.8	1.144	2.081	13.5	18.4
5 1	15 47.69	−16 38.9	1.084	2.066	8.6	18.0
5 11	15 39.53	−15 53.3	1.045	2.051	3.4	17.7
5 21	15 30.33	−15 6.9	1.029	2.038	3.6	17.6
5 31	15 21.63	−14 26.4	1.037	2.025	9.1	17.9
6 10	15 14.85	−13 57.8	1.066	2.013	14.4	18.2
6 20	15 10.95	−13 45.0	1.114	2.002	19.0	18.4

216821 2006 UK_{285} 5 16.6 57.°70 0.°5/16.3 17

4 11	15 57.97	−18 40.9	2.182	3.019	12.3	21.2
4 21	15 53.32	−18 28.8	2.105	3.023	9.3	21.0
5 1	15 46.79	−18 11.8	2.051	3.026	5.8	20.8
5 11	15 39.02	−17 51.1	2.024	3.030	2.1	20.6
5 21	15 30.80	−17 29.1	2.024	3.033	1.9	20.6
5 31	15 23.01	−17 8.4	2.053	3.037	5.6	20.8
6 10	15 16.42	−16 51.9	2.107	3.041	9.1	21.0
6 20	15 11.60	−16 42.0	2.185	3.044	12.1	21.2

310336 2011 UZ_{195} 5 16.6 354.°56 1.°9/17.8 18

4 11	15 56.92	−25 50.2	1.919	2.751	14.0	20.1
4 21	15 52.94	−25 44.2	1.837	2.748	10.8	19.9
5 1	15 46.74	−25 26.9	1.778	2.746	7.2	19.7
5 11	15 39.04	−24 58.7	1.743	2.744	3.5	19.4
5 21	15 30.77	−24 21.7	1.735	2.743	2.4	19.4
5 31	15 22.97	−23 39.4	1.754	2.742	5.9	19.6
6 10	15 16.58	−22 56.7	1.798	2.742	9.6	19.8
6 20	15 12.24	−22 18.2	1.864	2.742	13.0	20.0

501671 2014 TT_{19} 5 16.6 155.°01 0.°8/17.0 17

4 11	16 4.55	−22 11.5	1.865	2.693	14.5	22.1
4 21	15 58.63	−22 10.2	1.789	2.700	11.1	21.9
5 1	15 50.29	−22 0.5	1.736	2.707	7.1	21.7
5 11	15 40.33	−21 42.9	1.708	2.712	2.8	21.4
5 21	15 29.80	−21 19.0	1.708	2.718	2.0	21.4
5 31	15 19.84	−20 52.2	1.736	2.723	6.2	21.7
6 10	15 11.48	−20 26.7	1.791	2.727	10.2	21.9
6 20	15 5.39	−20 6.3	1.868	2.730	13.7	22.1

316693 1996 JU_{4} 5 16.6 104.°34 1.°9/14.5 18

4 11	15 50.72	− 9 36.8	4.444	5.274	6.6	20.7
4 21	15 46.99	− 9 22.9	4.365	5.277	5.0	20.5
5 1	15 42.44	− 9 9.7	4.312	5.280	3.3	20.4
5 11	15 37.36	− 8 58.7	4.288	5.283	2.1	20.3
5 21	15 32.10	− 8 50.9	4.293	5.286	2.3	20.3
5 31	15 27.02	− 8 47.4	4.327	5.289	3.8	20.5
6 10	15 22.44	− 8 48.9	4.389	5.292	5.5	20.6
6 20	15 18.65	− 8 55.9	4.476	5.295	7.1	20.7

417688 2007 BY_{24} 5 16.6 150°.29 1°.1/17.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 2.65	−23 30.1	1.969	2.794	13.9	22.2
4 21	15 57.09	−23 24.0	1.892	2.801	10.7	22.0
5 1	15 49.27	−23 8.7	1.838	2.807	6.9	21.8
5 11	15 39.95	−22 44.6	1.810	2.813	2.9	21.5
5 21	15 30.10	−22 13.6	1.809	2.818	2.0	21.5
5 31	15 20.81	−21 39.2	1.837	2.823	5.9	21.7
6 10	15 13.00	−21 5.8	1.891	2.828	9.7	22.0
6 20	15 7.32	−20 37.3	1.968	2.832	13.0	22.2

299746 2006 RS_{84} 5 16.6 178°.09 0°.5/17.0 18

4 11	15 58.75	−22 10.1	2.609	3.431	11.0	21.9
4 21	15 53.66	−22 0.6	2.524	3.432	8.4	21.8
5 1	15 46.91	−21 44.6	2.463	3.433	5.4	21.6
5 11	15 39.05	−21 22.7	2.429	3.433	2.1	21.4
5 21	15 30.79	−20 56.7	2.424	3.433	1.5	21.3
5 31	15 22.89	−20 29.0	2.448	3.433	4.7	21.5
6 10	15 16.03	−20 2.6	2.500	3.433	7.8	21.7
6 20	15 10.72	−19 40.0	2.576	3.432	10.6	21.9

304542 2006 UT_{284} 5 16.6 252°.37 1°.1/15.8 16

4 11	15 57.04	−18 37.0	2.328	3.164	11.7	21.4
4 21	15 52.57	−17 55.3	2.237	3.155	8.8	21.2
5 1	15 46.31	−17 6.9	2.171	3.146	5.6	21.0
5 11	15 38.86	−16 14.2	2.131	3.136	2.1	20.8
5 21	15 30.94	−15 20.6	2.120	3.127	2.2	20.8
5 31	15 23.37	−14 30.0	2.137	3.117	5.8	21.0
6 10	15 16.90	−13 46.1	2.181	3.107	9.1	21.2
6 20	15 12.07	−13 11.9	2.248	3.098	12.1	21.3

5198 Fongyunwah 5 16.6 121°.65 0°.9/16.0 18

4 11	15 58.08	−17 41.5	2.565	3.396	10.9	18.0
4 21	15 53.05	−17 20.1	2.493	3.408	8.2	17.8
5 1	15 46.45	−16 54.7	2.446	3.420	5.1	17.6
5 11	15 38.86	−16 26.9	2.426	3.431	1.9	17.4
5 21	15 30.97	−15 59.0	2.434	3.442	1.9	17.4
5 31	15 23.48	−15 33.5	2.472	3.453	5.1	17.7
6 10	15 17.06	−15 12.8	2.537	3.463	8.0	17.9
6 20	15 12.14	−14 58.9	2.626	3.473	10.7	18.1

329401 2002 BE_2 5 16.6 165°.29 10°.8/ 7.2 17

4 11	16 1.32	+19 2.9	2.700	3.447	12.6	21.0
4 21	15 55.34	+20 18.9	2.656	3.454	11.6	20.9
5 1	15 47.82	+21 17.6	2.633	3.460	10.9	20.9
5 11	15 39.35	+21 54.1	2.634	3.466	10.9	20.9
5 21	15 30.60	+22 5.4	2.657	3.471	11.4	20.9
5 31	15 22.30	+21 50.7	2.703	3.475	12.3	21.0
6 10	15 15.09	+21 11.8	2.768	3.478	13.4	21.1
6 20	15 9.40	+20 12.0	2.851	3.480	14.6	21.2

245491 2005 QZ_{38} 5 16.6 289°.26 5°.6/12.6 18

4 11	15 55.84	− 5 0.1	2.202	3.046	12.0	20.7
4 21	15 51.64	− 3 58.3	2.127	3.041	9.4	20.5
5 1	15 45.70	− 2 59.4	2.077	3.037	7.0	20.3
5 11	15 38.63	− 2 8.1	2.052	3.032	5.6	20.2
5 21	15 31.15	− 1 28.8	2.054	3.028	6.4	20.3
5 31	15 24.03	− 1 4.7	2.083	3.023	8.7	20.4
6 10	15 18.00	− 0 57.3	2.136	3.019	11.3	20.5
6 20	15 13.58	− 1 6.4	2.210	3.015	13.8	20.7

488844 2005 QD_{188} 5 16.6 203°.11 1°.9/17.9 18

4 11	15 59.30	−26 20.3	2.801	3.607	10.7	22.5
4 21	15 54.09	−26 27.6	2.708	3.604	8.4	22.3
5 1	15 47.20	−26 26.9	2.639	3.599	5.7	22.1
5 11	15 39.18	−26 18.2	2.597	3.595	2.9	22.0
5 21	15 30.71	−26 2.1	2.584	3.590	2.1	21.9
5 31	15 22.53	−25 40.5	2.601	3.585	4.6	22.0
6 10	15 15.34	−25 16.2	2.645	3.580	7.4	22.2
6 20	15 9.68	−24 52.2	2.714	3.574	10.0	22.4

192540 1998 SN_{120} 5 16.6 195°.37 2°.0/15.6 16

4 11	16 3.65	−16 42.3	1.704	2.547	15.0	21.2
4 21	15 58.13	−16 5.0	1.624	2.545	11.4	21.0
5 1	15 50.08	−15 21.3	1.566	2.542	7.2	20.7
5 11	15 40.30	−14 34.2	1.534	2.539	3.0	20.5
5 21	15 29.85	−13 48.0	1.529	2.535	3.3	20.5
5 31	15 19.95	−13 7.3	1.551	2.530	7.6	20.7
6 10	15 11.68	−12 36.8	1.598	2.525	11.9	20.9
6 20	15 5.75	−12 19.1	1.667	2.519	15.5	21.2

107525 2001 DG_{61} 5 16.6 339°.13 2°.5/17.7 18

4 11	15 56.94	−25 35.5	1.210	2.071	18.7	18.8
4 21	15 54.22	−25 36.6	1.133	2.060	14.6	18.5
5 1	15 48.19	−25 22.0	1.075	2.050	9.8	18.2
5 11	15 39.75	−24 51.5	1.038	2.041	4.7	17.8
5 21	15 30.24	−24 7.1	1.023	2.032	3.2	17.7
5 31	15 21.34	−23 14.8	1.032	2.025	8.1	18.0
6 10	15 14.56	−22 22.6	1.063	2.019	13.4	18.2
6 20	15 10.85	−21 37.9	1.113	2.014	18.0	18.5

280331 2003 SF_{79} 5 16.6 254°.28 1°.1/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 58.77	−18 43.0	2.123	2.960	12.6	21.0
4 21	15 54.10	−18 2.2	2.028	2.946	9.6	20.8
5 1	15 47.40	−17 13.9	1.956	2.932	6.0	20.6
5 11	15 39.30	−16 20.4	1.911	2.917	2.3	20.3
5 21	15 30.62	−15 25.3	1.895	2.902	2.4	20.3
5 31	15 22.28	−14 33.0	1.906	2.886	6.3	20.5
6 10	15 15.16	−13 47.9	1.943	2.871	10.0	20.7
6 20	15 9.86	−13 13.2	2.004	2.855	13.3	20.9

370958 2005 SJ_{82} 5 16.6 241°.64 0°.1/16.6 17

4 11	16 1.14	−20 40.2	1.932	2.767	13.8	22.5
4 21	15 56.13	−20 21.9	1.840	2.756	10.5	22.3
5 1	15 48.81	−19 55.6	1.771	2.744	6.7	22.0
5 11	15 39.85	−19 22.4	1.727	2.732	2.5	21.7
5 21	15 30.19	−18 44.9	1.711	2.720	2.0	21.7
5 31	15 20.91	−18 7.0	1.722	2.707	6.4	21.9
6 10	15 13.02	−17 33.0	1.759	2.694	10.4	22.1
6 20	15 7.23	−17 6.6	1.819	2.680	14.0	22.3

8970 Islandica 5 16.6 66°.35 0°.1/16.6 18

4 11	15 58.33	−20 21.3	2.123	2.959	12.7	18.7
4 21	15 53.60	−20 7.9	2.053	2.969	9.6	18.6
5 1	15 46.96	−19 48.1	2.006	2.980	6.0	18.4
5 11	15 39.09	−19 23.4	1.985	2.991	2.2	18.1
5 21	15 30.83	−18 56.0	1.992	3.001	1.7	18.1
5 31	15 23.06	−18 29.0	2.027	3.012	5.5	18.4
6 10	15 16.58	−18 5.6	2.088	3.023	9.0	18.6
6 20	15 11.91	−17 48.4	2.172	3.034	12.0	18.8

422971 2003 GH_{39} 5 16.6 325°.50 5°.8/13.7 17

4 11	15 56.12	− 8 38.0	1.435	2.302	15.9	20.6
4 21	15 52.88	− 7 44.9	1.354	2.285	12.4	20.3
5 1	15 47.01	− 6 52.1	1.295	2.269	8.6	20.0
5 11	15 39.25	− 6 5.7	1.258	2.253	6.0	19.8
5 21	15 30.65	− 5 31.8	1.246	2.238	7.0	19.8
5 31	15 22.47	− 5 15.6	1.257	2.223	10.6	20.0
6 10	15 15.88	− 5 19.8	1.290	2.210	14.7	20.2
6 20	15 11.68	− 5 44.3	1.342	2.197	18.4	20.4

398478 2011 UT_{139} 5 16.6 191°.29 5°.0/20.4 18

4 11	16 2.51	−38 7.9	3.115	3.865	11.0	22.6
4 21	15 56.59	−38 40.0	3.020	3.863	9.2	22.4
5 1	15 48.82	−38 59.9	2.949	3.861	7.3	22.3
5 11	15 39.80	−39 5.8	2.903	3.858	5.6	22.2
5 21	15 30.25	−38 56.8	2.885	3.855	5.0	22.2
5 31	15 21.00	−38 34.3	2.895	3.851	5.8	22.2
6 10	15 12.81	−38 1.2	2.933	3.847	7.5	22.3
6 20	15 6.27	−37 21.6	2.996	3.843	9.5	22.4

355212 2006 YV_{38} 5 16.6 125°.58 3°.9/14.1 18

4 11	15 57.40	− 6 43.7	2.573	3.408	10.7	21.2
4 21	15 52.51	− 6 17.0	2.503	3.415	8.3	21.0
5 1	15 46.11	− 5 53.2	2.457	3.422	5.8	20.9
5 11	15 38.76	− 5 35.0	2.439	3.428	4.1	20.8
5 21	15 31.09	− 5 24.9	2.449	3.435	4.5	20.8
5 31	15 23.79	− 5 24.5	2.487	3.441	6.7	21.0
6 10	15 17.48	− 5 34.7	2.551	3.447	9.2	21.1
6 20	15 12.60	− 5 55.4	2.638	3.453	11.5	21.3

251982 2000 CP_{64} 5 16.6 154°.67 0°.6/16.3 18

4 11	16 3.38	−18 38.2	2.021	2.852	13.4	21.3
4 21	15 57.50	−18 24.5	1.946	2.860	10.1	21.1
5 1	15 49.47	−18 5.2	1.894	2.868	6.4	20.9
5 11	15 40.04	−17 41.9	1.869	2.875	2.3	20.6
5 21	15 30.11	−17 16.6	1.872	2.881	2.1	20.6
5 31	15 20.72	−16 52.7	1.903	2.886	6.1	20.9
6 10	15 12.75	−16 33.4	1.961	2.891	9.8	21.1
6 20	15 6.81	−16 21.4	2.042	2.895	13.0	21.3

52799 1998 QF_{56} 5 16.6 266°.65 8°.1/10.6 18

4 11	15 59.81	− 1 47.6	1.886	2.726	13.8	19.5
4 21	15 55.12	− 0 11.5	1.794	2.701	11.3	19.3
5 1	15 48.19	+ 1 22.5	1.726	2.675	9.1	19.1
5 11	15 39.65	+ 2 46.6	1.683	2.648	8.1	19.0
5 21	15 30.35	+ 3 53.7	1.666	2.621	9.3	19.0
5 31	15 21.31	+ 4 38.0	1.675	2.593	11.9	19.1
6 10	15 13.50	+ 4 56.7	1.706	2.564	14.9	19.2
6 20	15 7.66	+ 4 50.3	1.756	2.535	17.8	19.4

31980 Axelfeldmann 5 16.6 284°.24 0°.4/16.8 18

4 11	16 1.15	−20 36.3	1.698	2.540	15.0	19.0
4 21	15 56.59	−20 37.4	1.602	2.522	11.6	18.7
5 1	15 49.35	−20 31.3	1.528	2.503	7.5	18.5
5 11	15 40.13	−20 18.4	1.479	2.484	2.9	18.1
5 21	15 29.96	−20 0.2	1.456	2.466	2.1	18.0
5 31	15 20.08	−19 39.8	1.459	2.447	7.0	18.3
6 10	15 11.72	−19 21.7	1.487	2.428	11.5	18.5
6 20	15 5.74	−19 9.5	1.537	2.409	15.6	18.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
377475 2005 AA_{79}			5 16.6 289°.59		4°.4/21.9 18	
	h m	° ′			°	m
4 11	15 54.81	−42 28.9	4.442	5.163	8.3	21.0
4 21	15 50.36	−42 48.4	4.347	5.161	7.1	20.9
5 1	15 44.70	−42 57.7	4.275	5.159	5.9	20.8
5 11	15 38.25	−42 55.8	4.227	5.156	4.9	20.7
5 21	15 31.48	−42 42.6	4.207	5.154	4.4	20.7
5 31	15 24.93	−42 19.0	4.214	5.152	4.7	20.7
6 10	15 19.10	−41 47.0	4.248	5.150	5.7	20.8
6 20	15 14.38	−41 9.2	4.307	5.148	7.0	20.8
391724 2008 CV_{107}			5 16.6 189°.64		3°.9/19.1 16	
4 11	16 1.18	−31 46.2	2.492	3.284	12.3	21.5
4 21	15 55.82	−32 12.2	2.404	3.284	9.9	21.3
5 1	15 48.45	−32 27.1	2.338	3.283	7.3	21.2
5 11	15 39.70	−32 29.2	2.299	3.282	4.8	21.0
5 21	15 30.37	−32 18.5	2.287	3.281	4.0	20.9
5 31	15 21.40	−31 56.5	2.303	3.279	5.7	21.0
6 10	15 13.65	−31 27.0	2.346	3.278	8.3	21.2
6 20	15 7.74	−30 54.1	2.413	3.276	10.9	21.4
176601 2002 DR_{7}			5 16.6 115°.92		2°.8/14.9 18	
4 11	15 59.82	− 9 23.7	2.756	3.584	10.3	20.4
4 21	15 54.17	− 9 13.4	2.691	3.601	7.8	20.3
5 1	15 47.09	− 9 4.7	2.651	3.619	5.2	20.1
5 11	15 39.11	− 8 59.4	2.639	3.636	3.0	20.0
5 21	15 30.88	− 8 59.2	2.657	3.652	3.4	20.1
5 31	15 23.04	− 9 5.2	2.704	3.668	5.7	20.2
6 10	15 16.20	− 9 18.5	2.778	3.684	8.2	20.4
6 20	15 10.77	− 9 39.1	2.876	3.699	10.5	20.6
187650 2007 DA_{78}			5 16.6 161°.61		5°.9/12.3 17	
4 11	15 59.69	− 6 1.2	2.054	2.894	12.9	20.4
4 21	15 54.55	− 4 35.9	1.987	2.899	10.1	20.3
5 1	15 47.53	− 3 12.4	1.944	2.904	7.4	20.1
5 11	15 39.32	− 1 56.5	1.929	2.909	5.9	20.0
5 21	15 30.72	− 0 53.7	1.941	2.913	6.8	20.1
5 31	15 22.63	− 0 8.4	1.979	2.916	9.3	20.2
6 10	15 15.80	+ 0 17.6	2.042	2.919	12.1	20.4
6 20	15 10.77	+ 0 24.2	2.126	2.921	14.6	20.6
294620 2008 AN_{32}			5 16.6 144°.03		5°.6/12.9 18	
4 11	15 57.84	− 2 14.1	2.428	3.260	11.4	20.8
4 21	15 52.92	− 1 33.5	2.361	3.265	9.1	20.6
5 1	15 46.41	− 0 58.6	2.317	3.269	6.9	20.5
5 11	15 38.90	− 0 33.0	2.301	3.274	5.6	20.4
5 21	15 31.05	− 0 19.8	2.311	3.278	6.2	20.5
5 31	15 23.59	− 0 20.7	2.349	3.283	8.1	20.6
6 10	15 17.17	− 0 36.2	2.411	3.287	10.5	20.8
6 20	15 12.27	− 1 5.3	2.495	3.290	12.7	20.9
442913 2013 CA_{31}			5 16.6 293°.27		4°.2/19.1 18	
4 11	15 59.68	−31 50.0	2.300	3.099	13.0	21.0
4 21	15 54.92	−32 13.4	2.207	3.091	10.5	20.8
5 1	15 48.00	−32 24.9	2.135	3.082	7.7	20.6
5 11	15 39.57	−32 22.7	2.089	3.074	5.1	20.5
5 21	15 30.48	−32 6.6	2.070	3.065	4.2	20.4
5 31	15 21.73	−31 38.7	2.079	3.057	6.0	20.5
6 10	15 14.25	−31 3.0	2.113	3.049	8.9	20.6
6 20	15 8.71	−30 24.1	2.171	3.041	11.7	20.8
184677 2005 SJ_{77}			5 16.6 147°.88		0°.7/16.1 17	
4 11	15 57.34	−18 5.9	2.871	3.698	10.0	21.9
4 21	15 52.39	−17 46.3	2.793	3.705	7.5	21.7
5 1	15 46.02	−17 22.7	2.740	3.713	4.7	21.5
5 11	15 38.75	−16 56.6	2.715	3.720	1.7	21.3
5 21	15 31.17	−16 29.9	2.719	3.727	1.7	21.3
5 31	15 23.94	−16 5.0	2.752	3.733	4.6	21.6
6 10	15 17.63	−15 44.0	2.813	3.739	7.4	21.7
6 20	15 12.68	−15 28.7	2.899	3.745	9.8	21.9
184694 2005 SL_{104}			5 16.6 204°.66		2°.9/14.3 17	
4 11	15 55.95	−12 13.6	2.567	3.406	10.6	20.7
4 21	15 51.51	−11 22.6	2.486	3.404	8.1	20.5
5 1	15 45.55	−10 29.6	2.429	3.402	5.3	20.3
5 11	15 38.59	− 9 37.9	2.401	3.399	3.1	20.2
5 21	15 31.29	− 8 50.8	2.400	3.396	3.7	20.2
5 31	15 24.32	− 8 11.6	2.429	3.393	6.2	20.4
6 10	15 18.31	− 7 42.7	2.483	3.390	9.0	20.5
6 20	15 13.73	− 7 25.4	2.561	3.386	11.5	20.7
327813 2006 VQ_{72}			5 16.7 249°.34		0°.5/16.9 17	
4 11	16 0.20	−23 29.6	1.637	2.478	15.5	20.8
4 21	15 55.69	−22 52.5	1.558	2.477	11.9	20.6
5 1	15 48.61	−22 2.4	1.501	2.476	7.6	20.3
5 11	15 39.80	−21 1.3	1.469	2.474	2.9	20.0
5 21	15 30.37	−19 53.5	1.463	2.473	2.1	19.9
5 31	15 21.55	−18 45.0	1.484	2.472	6.8	20.2
6 10	15 14.42	−17 42.4	1.530	2.471	11.3	20.5
6 20	15 9.68	−16 51.0	1.597	2.469	15.1	20.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
357913 2005 WQ_{4}			5 16.7 188°.33		4°.9/20.9 18	
	h m	° ′			°	m
4 11	16 0.88	−38 59.5	3.075	3.824	11.1	21.5
4 21	15 55.32	−39 12.0	2.981	3.823	9.3	21.4
5 1	15 48.01	−39 10.9	2.910	3.822	7.4	21.3
5 11	15 39.52	−38 54.9	2.864	3.820	5.7	21.1
5 21	15 30.61	−38 23.9	2.846	3.818	4.9	21.1
5 31	15 22.06	−37 39.7	2.856	3.815	5.7	21.1
6 10	15 14.63	−36 46.1	2.893	3.812	7.4	21.3
6 20	15 8.84	−35 47.5	2.955	3.809	9.4	21.4
150896 2001 SC_{290}			5 16.7 126°.87		5°.9/20.6 18	R
4 11	16 5.05	−37 15.0	1.964	2.743	15.6	20.6
4 21	15 59.22	−37 26.5	1.889	2.754	12.9	20.4
5 1	15 50.75	−37 18.9	1.834	2.764	9.9	20.3
5 11	15 40.57	−36 49.9	1.803	2.773	7.1	20.1
5 21	15 29.84	−35 59.9	1.797	2.783	5.9	20.1
5 31	15 19.84	−34 53.0	1.819	2.792	7.3	20.2
6 10	15 11.66	−33 36.2	1.867	2.800	10.0	20.3
6 20	15 5.98	−32 17.1	1.938	2.808	12.9	20.5
287454 2002 YX_{7}			5 16.7 257°.34		4°.4/11.5 18	
4 11	15 51.45	+ 5 0.6	4.651	5.454	6.8	20.1
4 21	15 47.52	+ 5 20.1	4.575	5.448	5.7	20.0
5 1	15 42.79	+ 5 33.8	4.525	5.443	4.8	20.0
5 11	15 37.55	+ 5 39.8	4.502	5.438	4.4	19.9
5 21	15 32.14	+ 5 36.9	4.507	5.433	4.7	20.0
5 31	15 26.89	+ 5 24.5	4.539	5.428	5.6	20.0
6 10	15 22.13	+ 5 2.4	4.596	5.423	6.8	20.1
6 20	15 18.11	+ 4 31.2	4.677	5.417	7.9	20.2
29503 1997 WQ_{38}			5 16.7 117°.53		1°.7/17.8 18	
4 11	16 2.32	−26 34.8	1.967	2.786	14.2	18.7
4 21	15 56.78	−26 10.0	1.896	2.800	10.9	18.5
5 1	15 49.03	−25 32.5	1.848	2.814	7.2	18.3
5 11	15 39.90	−24 43.5	1.826	2.827	3.3	18.1
5 21	15 30.37	−23 45.8	1.832	2.840	2.2	18.0
5 31	15 21.51	−22 44.1	1.865	2.852	5.8	18.3
6 10	15 14.20	−21 44.2	1.925	2.864	9.4	18.5
6 20	15 9.02	−20 50.8	2.009	2.876	12.7	18.8
313114 2000 YV_{15}			5 16.7 144°.30		0°.6/16.3 18	
4 11	16 5.10	−18 31.8	2.066	2.893	13.3	21.9
4 21	15 58.71	−18 17.9	1.995	2.907	10.1	21.7
5 1	15 50.20	−17 58.7	1.947	2.920	6.3	21.5
5 11	15 40.33	−17 35.4	1.927	2.932	2.3	21.2
5 21	15 30.04	−17 10.4	1.935	2.943	2.0	21.2
5 31	15 20.32	−16 46.7	1.972	2.954	6.0	21.5
6 10	15 12.06	−16 27.6	2.036	2.963	9.6	21.7
6 20	15 5.83	−16 15.5	2.123	2.972	12.8	22.0
422253 2014 SN_{125}			5 16.7 191°.32		1°.5/15.8 14	C
4 11	16 3.66	−16 42.3	1.920	2.756	13.8	23.3
4 21	15 57.91	−16 17.4	1.837	2.754	10.5	23.1
5 1	15 49.87	−15 47.4	1.778	2.753	6.6	22.8
5 11	15 40.26	−15 14.6	1.745	2.750	2.6	22.6
5 21	15 30.06	−14 42.0	1.740	2.746	2.8	22.6
5 31	15 20.32	−14 13.3	1.763	2.742	6.8	22.8
6 10	15 12.04	−13 52.0	1.811	2.737	10.7	23.1
6 20	15 5.88	−13 40.6	1.883	2.732	14.2	23.3
182879 2002 CP_{252}			5 16.7 166°.08		4°.2/13.6 18	
4 11	15 56.58	− 7 5.2	2.481	3.320	11.0	20.8
4 21	15 52.00	− 6 20.9	2.408	3.321	8.5	20.6
5 1	15 45.87	− 5 38.6	2.359	3.323	6.0	20.4
5 11	15 38.73	− 5 1.8	2.337	3.324	4.3	20.3
5 21	15 31.26	− 4 33.5	2.342	3.326	4.9	20.4
5 31	15 24.13	− 4 16.4	2.376	3.327	7.2	20.5
6 10	15 18.01	− 4 11.8	2.435	3.328	9.7	20.7
6 20	15 13.34	− 4 19.8	2.516	3.328	12.1	20.8
343584 2010 FA_{95}			5 16.7 163°.06		1°.4/15.8 18	
4 11	15 59.07	−16 26.1	2.134	2.973	12.5	21.3
4 21	15 54.20	−16 5.7	2.056	2.975	9.4	21.1
5 1	15 47.41	−15 41.4	2.001	2.976	5.9	20.8
5 11	15 39.34	−15 15.3	1.972	2.977	2.4	20.6
5 21	15 30.80	−14 50.0	1.972	2.979	2.5	20.6
5 31	15 22.68	−14 28.3	1.999	2.980	6.1	20.8
6 10	15 15.80	−14 13.1	2.053	2.980	9.6	21.1
6 20	15 10.72	−14 6.3	2.129	2.981	12.6	21.3
54292 2000 JT_{58}			5 16.7 109°.35		3°.6/14.8 18	
4 11	16 1.58	−14 41.3	1.417	2.275	16.6	18.0
4 21	15 56.81	−13 39.6	1.353	2.282	12.5	17.8
5 1	15 49.34	−12 32.2	1.311	2.289	8.1	17.6
5 11	15 40.08	−11 24.7	1.293	2.295	4.1	17.3
5 21	15 30.26	−10 23.4	1.300	2.301	4.8	17.4
5 31	15 21.19	− 9 34.5	1.332	2.308	9.1	17.6
6 10	15 13.99	− 9 2.4	1.388	2.313	13.4	17.9
6 20	15 9.34	− 8 48.8	1.464	2.319	17.1	18.2

201542 2003 QF_{96} 5 16.7 228°.49 5°.7/12.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 59.56	− 2 40.3	2.414	3.243	11.6	20.5
4 21	15 54.37	− 1 56.1	2.328	3.231	9.2	20.3
5 1	15 47.45	− 1 16.5	2.267	3.219	7.0	20.1
5 11	15 39.37	− 0 45.6	2.232	3.206	5.7	20.0
5 21	15 30.80	− 0 26.7	2.225	3.193	6.3	20.0
5 31	15 22.52	− 0 22.3	2.245	3.179	8.5	20.2
6 10	15 15.26	− 0 33.4	2.290	3.165	11.0	20.3
6 20	15 9.56	− 0 59.3	2.358	3.150	13.4	20.4

188460 2004 JP_{26} 5 16.7 303°.46 0°.2/16.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 58.14	−21 58.2	1.541	2.392	15.8	19.8
4 21	15 54.62	−21 20.1	1.439	2.363	12.3	19.5
5 1	15 48.29	−20 28.1	1.358	2.335	7.9	19.2
5 11	15 39.85	−19 23.9	1.301	2.307	2.9	18.8
5 21	15 30.35	−18 11.8	1.269	2.279	2.4	18.7
5 31	15 21.14	−16 58.4	1.263	2.251	7.8	18.9
6 10	15 13.51	−15 51.3	1.280	2.223	12.8	19.1
6 20	15 8.41	−14 57.0	1.319	2.196	17.3	19.3

64819 2001 XA_{238} 5 16.7 164°.51 1°.3/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 59.94	−14 56.1	2.394	3.227	11.5	19.6
4 21	15 54.68	−14 58.1	2.313	3.228	8.7	19.5
5 1	15 47.65	−14 58.6	2.256	3.230	5.5	19.3
5 11	15 39.44	−14 58.8	2.227	3.231	2.2	19.0
5 21	15 30.76	−15 0.1	2.226	3.232	2.3	19.0
5 31	15 22.44	−15 4.0	2.253	3.233	5.5	19.3
6 10	15 15.21	−15 12.3	2.308	3.234	8.7	19.5
6 20	15 9.62	−15 26.1	2.387	3.235	11.6	19.6

150305 1999 TH_{279} 5 16.7 230°.64 3°.1/18.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 0.80	−30 22.6	3.006	3.793	10.5	20.9
4 21	15 55.30	−30 43.9	2.902	3.781	8.4	20.7
5 1	15 48.06	−30 56.4	2.822	3.768	6.1	20.5
5 11	15 39.62	−30 58.9	2.768	3.755	3.9	20.3
5 21	15 30.63	−30 51.2	2.744	3.741	3.1	20.3
5 31	15 21.84	−30 34.8	2.749	3.727	4.8	20.4
6 10	15 14.00	−30 12.1	2.782	3.712	7.3	20.5
6 20	15 7.66	−29 46.6	2.841	3.697	9.7	20.6

340966 2007 EG_{106} 5 16.7 334°.38 0°.5/16.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 51.31	−17 18.8	4.053	4.880	7.3	20.7
4 21	15 47.61	−17 9.5	3.964	4.878	5.5	20.6
5 1	15 42.95	−16 57.9	3.902	4.875	3.4	20.4
5 11	15 37.67	−16 45.1	3.867	4.872	1.3	20.3
5 21	15 32.16	−16 32.2	3.862	4.870	1.2	20.2
5 31	15 26.82	−16 20.4	3.887	4.867	3.4	20.4
6 10	15 22.06	−16 11.1	3.939	4.865	5.4	20.6
6 20	15 18.18	−16 5.4	4.017	4.863	7.3	20.7

109455 2001 QG_{210} 5 16.7 157°.08 0°.1/16.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 2.08	−21 12.4	1.979	2.810	13.6	20.4
4 21	15 56.65	−20 54.4	1.902	2.815	10.4	20.2
5 1	15 49.03	−20 28.3	1.848	2.820	6.6	20.0
5 11	15 39.98	−19 55.5	1.820	2.825	2.5	19.7
5 21	15 30.41	−19 18.7	1.819	2.829	1.8	19.7
5 31	15 21.37	−18 41.4	1.847	2.833	6.0	20.0
6 10	15 13.78	−18 8.0	1.901	2.836	9.8	20.2
6 20	15 8.24	−17 41.7	1.978	2.839	13.1	20.4

483027 2015 AY_{47} 5 16.7 244°.80 4°.2/11.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 49.85	+ 1 31.5	4.361	5.179	7.0	20.7
4 21	15 46.40	+ 2 10.2	4.290	5.178	5.7	20.6
5 1	15 42.14	+ 2 44.3	4.244	5.177	4.6	20.5
5 11	15 37.36	+ 3 11.7	4.226	5.176	4.2	20.5
5 21	15 32.41	+ 3 30.7	4.235	5.175	4.6	20.5
5 31	15 27.63	+ 3 40.2	4.272	5.174	5.6	20.6
6 10	15 23.35	+ 3 39.6	4.334	5.173	6.9	20.7
6 20	15 19.84	+ 3 29.2	4.419	5.172	8.2	20.8

79058 1215 T_{-3} 5 16.7 297°.97 9°.3/19.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 6.06	−39 27.0	1.813	2.587	16.9	19.5
4 21	16 1.18	−40 49.9	1.709	2.562	14.6	19.2
5 1	15 52.85	−41 58.1	1.625	2.537	12.1	19.0
5 11	15 41.70	−42 44.6	1.562	2.511	10.0	18.8
5 21	15 28.90	−43 4.0	1.524	2.486	9.3	18.7
5 31	15 16.15	−42 55.0	1.510	2.460	10.5	18.7
6 10	15 5.16	−42 21.8	1.519	2.435	13.1	18.8
6 20	14 57.24	−41 32.5	1.550	2.410	16.1	18.9

236682 2006 QU_{104} 5 16.7 252°.16 0°.1/16.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 54.65	−20 22.4	3.835	4.652	7.9	21.4
4 21	15 50.22	−20 15.5	3.727	4.634	6.0	21.3
5 1	15 44.65	−20 4.8	3.645	4.615	3.8	21.1
5 11	15 38.32	−19 51.0	3.591	4.596	1.4	20.9
5 21	15 31.66	−19 35.1	3.568	4.577	1.1	20.8
5 31	15 25.15	−19 18.6	3.574	4.558	3.5	21.0
6 10	15 19.25	−19 3.0	3.609	4.538	5.8	21.1
6 20	15 14.34	−18 50.1	3.670	4.518	7.9	21.3

427978 2005 YO_{204} 5 16.7 218°.34 4°.3/19.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 2.67	−32 44.1	2.112	2.908	14.1	21.7
4 21	15 57.34	−32 49.7	2.020	2.902	11.4	21.5
5 1	15 49.61	−32 40.3	1.949	2.896	8.3	21.3
5 11	15 40.24	−32 14.3	1.904	2.889	5.4	21.1
5 21	15 30.20	−31 32.3	1.885	2.882	4.3	21.1
5 31	15 20.62	−30 37.4	1.894	2.875	6.3	21.2
6 10	15 12.53	−29 35.3	1.930	2.867	9.5	21.3
6 20	15 6.63	−28 32.3	1.989	2.859	12.6	21.5

168402 1998 FT_{47} 5 16.7 44°.84 1°.0/17.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.23	−23 8.5	1.252	2.109	18.4	19.7
4 21	15 56.99	−22 56.4	1.195	2.121	14.1	19.4
5 1	15 49.64	−22 31.5	1.157	2.134	9.1	19.2
5 11	15 40.25	−21 55.3	1.142	2.147	3.6	18.9
5 21	15 30.25	−21 11.4	1.151	2.161	2.4	18.8
5 31	15 21.17	−20 25.9	1.184	2.175	7.7	19.2
6 10	15 14.28	−19 45.3	1.241	2.190	12.5	19.5
6 20	15 10.28	−19 14.8	1.317	2.205	16.7	19.8

195465 2002 GH_{111} 5 16.7 341°.31 3°.2/14.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 57.91	−13 12.3	1.638	2.495	14.8	19.9
4 21	15 53.89	−12 36.2	1.563	2.491	11.2	19.6
5 1	15 47.49	−11 57.4	1.510	2.487	7.3	19.4
5 11	15 39.47	−11 19.9	1.481	2.483	3.8	19.2
5 21	15 30.81	−10 47.9	1.478	2.480	4.3	19.2
5 31	15 22.66	−10 25.6	1.501	2.477	8.1	19.4
6 10	15 16.01	−10 16.0	1.547	2.475	12.1	19.6
6 20	15 11.56	−10 20.3	1.615	2.473	15.7	19.9

37512 4197 T_{-2} 5 16.7 195°.40 0°.1/16.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 4.62	−19 58.3	1.759	2.594	14.9	19.8
4 21	15 58.95	−19 50.9	1.676	2.592	11.4	19.6
5 1	15 50.70	−19 36.3	1.616	2.590	7.3	19.3
5 11	15 40.66	−19 15.5	1.581	2.586	2.7	19.0
5 21	15 29.90	−18 50.5	1.573	2.583	2.1	19.0
5 31	15 19.63	−18 25.0	1.593	2.579	6.8	19.3
6 10	15 10.98	−18 3.1	1.638	2.574	11.0	19.5
6 20	15 4.70	−17 48.3	1.706	2.568	14.8	19.7

189375 2008 FD_{70} 5 16.7 342°.45 0°.6/16.3 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 56.15	−18 53.7	2.083	2.926	12.6	20.1
4 21	15 52.16	−18 35.8	2.000	2.920	9.6	19.9
5 1	15 46.22	−18 12.1	1.939	2.915	6.0	19.6
5 11	15 38.97	−17 44.4	1.905	2.911	2.2	19.4
5 21	15 31.20	−17 15.1	1.898	2.907	2.0	19.3
5 31	15 23.81	−16 47.6	1.918	2.903	5.8	19.6
6 10	15 17.62	−16 25.1	1.964	2.900	9.5	19.8
6 20	15 13.23	−16 10.2	2.032	2.897	12.6	20.0

36516 2000 QV_{74} 5 16.7 164°.69 4°.5/13.8 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 59.55	− 8 59.6	2.040	2.882	12.8	19.1
4 21	15 54.56	− 8 3.5	1.968	2.886	9.9	18.9
5 1	15 47.63	− 7 7.8	1.921	2.889	6.8	18.7
5 11	15 39.45	− 6 16.9	1.899	2.892	4.6	18.6
5 21	15 30.85	− 5 35.1	1.906	2.894	5.3	18.6
5 31	15 22.73	− 5 6.1	1.939	2.896	8.1	18.8
6 10	15 15.87	− 4 52.0	1.997	2.897	11.2	19.0
6 20	15 10.83	− 4 53.1	2.077	2.898	14.0	19.2

230092 2000 XD_{11} 5 16.7 179°.93 5°.0/20.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 4.97	−38 16.5	2.746	3.498	12.3	21.9
4 21	15 58.56	−38 22.3	2.653	3.500	10.2	21.8
5 1	15 50.13	−38 12.8	2.583	3.501	7.9	21.6
5 11	15 40.38	−37 46.3	2.539	3.501	5.9	21.5
5 21	15 30.16	−37 3.1	2.523	3.501	5.0	21.5
5 31	15 20.43	−36 5.7	2.535	3.500	6.0	21.5
6 10	15 12.03	−34 58.8	2.575	3.498	8.1	21.6
6 20	15 5.53	−33 47.9	2.641	3.495	10.4	21.8

195209 2002 DC_{4} 5 16.7 53°.97 2°.7/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 20.00	−17 46.3	1.144	1.983	21.0	18.5
4 21	16 11.51	−19 52.2	1.098	2.014	16.0	18.3
5 1	15 58.98	−21 56.9	1.074	2.046	10.3	18.1
5 11	15 43.74	−23 52.2	1.075	2.078	4.6	17.8
5 21	15 27.69	−25 30.7	1.102	2.110	3.7	17.9
5 31	15 12.96	−26 49.3	1.157	2.142	8.7	18.3
6 10	15 1.27	−27 50.9	1.235	2.174	13.6	18.6
6 20	14 53.47	−28 40.8	1.335	2.206	17.5	19.0

394341 2006 XY_{69} 5 16.7 135°.36 3°.7/14.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 57.80	− 7 12.5	2.655	3.488	10.5	21.4
4 21	15 52.81	− 6 46.8	2.585	3.496	8.1	21.2
5 1	15 46.35	− 6 23.6	2.539	3.503	5.6	21.1
5 11	15 38.96	− 6 5.5	2.521	3.511	3.8	21.0
5 21	15 31.27	− 5 54.9	2.531	3.518	4.3	21.0
5 31	15 23.93	− 5 53.3	2.569	3.525	6.5	21.2
6 10	15 17.55	− 6 1.8	2.634	3.531	8.9	21.3
6 20	15 12.58	− 6 20.3	2.722	3.538	11.2	21.5

137011 1998 SF_{122} 5 16.7 277°.48 1°.5/17.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 55.86	−26 10.4	3.493	4.297	8.9	20.6
4 21	15 51.34	−26 11.0	3.376	4.271	6.9	20.4
5 1	15 45.48	−26 5.1	3.285	4.245	4.7	20.2
5 11	15 38.68	−25 52.5	3.221	4.219	2.4	20.0
5 21	15 31.44	−25 34.1	3.187	4.193	1.7	19.9
5 31	15 24.34	−25 11.3	3.182	4.166	3.8	20.1
6 10	15 17.94	−24 46.3	3.205	4.139	6.3	20.2
6 20	15 12.69	−24 21.5	3.254	4.112	8.5	20.3

354676 2005 NH_{71} 5 16.7 272°.75 4°.6/19.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 0.37	−33 51.0	2.312	3.102	13.2	21.3
4 21	15 55.53	−34 7.9	2.213	3.089	10.8	21.2
5 1	15 48.47	−34 11.0	2.136	3.076	8.1	21.0
5 11	15 39.85	−33 58.6	2.084	3.064	5.6	20.8
5 21	15 30.54	−33 30.5	2.059	3.051	4.7	20.7
5 31	15 21.57	−32 48.9	2.061	3.038	6.3	20.8
6 10	15 13.90	−31 58.4	2.090	3.025	9.0	20.9
6 20	15 8.22	−31 4.5	2.142	3.011	11.9	21.1

370990 2005 TO_{17} 5 16.7 136°.37 3°.3/14.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 0.40	−12 41.4	1.967	2.810	13.2	22.1
4 21	15 55.23	−11 48.0	1.899	2.819	10.0	21.9
5 1	15 48.06	−10 52.2	1.855	2.828	6.5	21.7
5 11	15 39.62	− 9 58.2	1.837	2.837	3.7	21.5
5 21	15 30.78	− 9 10.1	1.847	2.845	4.3	21.6
5 31	15 22.49	− 8 32.1	1.884	2.852	7.5	21.8
6 10	15 15.56	− 8 7.1	1.947	2.859	10.8	22.0
6 20	15 10.55	− 7 56.2	2.032	2.866	13.8	22.2

82384 2001 MV_{20} 5 16.7 245°.32 3°.2/18.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.18	−28 51.6	2.231	3.039	13.1	19.8
4 21	15 56.08	−29 10.6	2.139	3.032	10.4	19.6
5 1	15 48.79	−29 18.9	2.069	3.024	7.3	19.4
5 11	15 39.97	−29 15.4	2.024	3.017	4.3	19.2
5 21	15 30.47	−29 0.1	2.007	3.009	3.4	19.1
5 31	15 21.32	−28 35.2	2.018	3.001	5.8	19.3
6 10	15 13.46	−28 4.5	2.056	2.993	9.0	19.5
6 20	15 7.57	−27 32.6	2.117	2.985	12.1	19.6

359623 2011 QW_9 5 16.7 198°.12 5°.0/19.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 6.87	−32 1.6	1.648	2.456	16.9	21.4
4 21	16 1.18	−32 21.2	1.564	2.454	13.7	21.2
5 1	15 52.38	−32 23.8	1.501	2.451	10.0	21.0
5 11	15 41.36	−32 6.6	1.460	2.448	6.4	20.8
5 21	15 29.42	−31 29.3	1.446	2.444	5.1	20.7
5 31	15 18.10	−30 35.7	1.458	2.440	7.7	20.8
6 10	15 8.76	−29 33.1	1.494	2.435	11.5	21.0
6 20	15 2.29	−28 29.7	1.553	2.429	15.2	21.2

410263 2007 TF_{131} 5 16.7 141°.46 0°.4/16.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 4.65	−21 17.6	1.791	2.623	14.8	22.8
4 21	15 58.79	−21 9.0	1.719	2.633	11.3	22.6
5 1	15 50.48	−20 52.1	1.669	2.642	7.2	22.3
5 11	15 40.56	−20 28.0	1.646	2.651	2.7	22.1
5 21	15 30.08	−19 58.9	1.649	2.659	1.9	22.0
5 31	15 20.24	−19 28.5	1.681	2.667	6.4	22.3
6 10	15 12.05	−19 1.1	1.738	2.674	10.5	22.6
6 20	15 6.18	−18 40.4	1.818	2.680	14.0	22.8

336188 2008 RE_{131} 5 16.7 293°.72 0°.2/16.6 12 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 59.40	−20 42.0	1.741	2.585	14.6	21.6
4 21	15 55.27	−20 22.4	1.639	2.560	11.3	21.3
5 1	15 48.57	−19 53.5	1.559	2.535	7.3	21.0
5 11	15 39.97	−19 16.6	1.504	2.510	2.7	20.7
5 21	15 30.43	−18 34.4	1.475	2.485	2.2	20.6
5 31	15 21.15	−17 51.4	1.473	2.459	7.0	20.8
6 10	15 13.29	−17 12.7	1.495	2.434	11.6	21.0
6 20	15 7.70	−16 43.0	1.538	2.409	15.6	21.2

205446 2001 OE_{69} 5 16.7 289°.45 5°.9/14.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.59	− 8 30.6	1.324	2.186	17.2	20.4
4 21	15 57.48	− 7 50.1	1.237	2.165	13.5	20.1
5 1	15 50.25	− 7 10.8	1.171	2.144	9.4	19.8
5 11	15 40.66	− 6 38.6	1.127	2.123	6.2	19.6
5 21	15 29.89	− 6 19.4	1.107	2.102	7.1	19.6
5 31	15 19.45	− 6 18.0	1.111	2.080	11.2	19.7
6 10	15 10.78	− 6 37.2	1.136	2.059	15.9	19.9
6 20	15 4.90	− 7 16.5	1.180	2.038	20.2	20.1

314127 2005 EM_{157} 5 16.7 35°.63 0°.2/16.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 0.52	−21 3.2	1.272	2.132	18.0	20.6
4 21	15 56.45	−20 50.4	1.211	2.140	13.7	20.4
5 1	15 49.34	−20 27.3	1.171	2.149	8.7	20.1
5 11	15 40.19	−19 55.7	1.152	2.158	3.2	19.8
5 21	15 30.37	−19 19.2	1.158	2.168	2.4	19.8
5 31	15 21.38	−18 43.3	1.189	2.179	7.8	20.1
6 10	15 14.49	−18 13.6	1.242	2.190	12.7	20.4
6 20	15 10.42	−17 54.3	1.315	2.201	16.8	20.7

31571 1999 FY_{20} 5 16.7 341°.19 1°.5/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 0.26	−16 35.8	1.643	2.494	15.0	19.0
4 21	15 55.73	−16 21.0	1.567	2.492	11.4	18.8
5 1	15 48.69	−16 1.7	1.513	2.490	7.2	18.5
5 11	15 39.95	−15 40.0	1.483	2.489	2.8	18.2
5 21	15 30.53	−15 18.9	1.480	2.488	2.9	18.2
5 31	15 21.63	−15 2.0	1.503	2.487	7.3	18.5
6 10	15 14.32	−14 52.6	1.550	2.486	11.5	18.7
6 20	15 9.31	−14 53.0	1.618	2.485	15.2	19.0

501259 2013 WY_2 5 16.7 167°.39 0°.5/16.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 0.12	−20 51.4	2.384	3.210	11.8	22.2
4 21	15 54.80	−20 6.3	2.303	3.214	8.9	22.0
5 1	15 47.71	−19 13.3	2.246	3.218	5.6	21.8
5 11	15 39.50	−18 14.6	2.216	3.222	2.0	21.6
5 21	15 30.92	−17 13.5	2.216	3.224	1.8	21.6
5 31	15 22.79	−16 14.1	2.245	3.227	5.4	21.8
6 10	15 15.85	−15 20.6	2.301	3.229	8.7	22.0
6 20	15 10.59	−14 36.2	2.382	3.230	11.6	22.2

55474 2001 TY_{229} 5 16.7 104°.38 4°.0/11.5 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 49.83	+ 1 28.1	4.521	5.338	6.8	19.4
4 21	15 46.36	+ 2 5.3	4.457	5.345	5.5	19.3
5 1	15 42.11	+ 2 37.9	4.418	5.351	4.5	19.3
5 11	15 37.39	+ 3 4.1	4.407	5.358	4.0	19.2
5 21	15 32.51	+ 3 22.2	4.424	5.364	4.4	19.3
5 31	15 27.81	+ 3 31.1	4.468	5.371	5.4	19.3
6 10	15 23.61	+ 3 30.5	4.538	5.377	6.6	19.4
6 20	15 20.14	+ 3 20.6	4.630	5.383	7.8	19.5

176570 2002 AU_{208} 5 16.7 153°.23 0°.9/15.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 57.44	−17 53.8	2.637	3.468	10.6	21.1
4 21	15 52.64	−17 25.7	2.558	3.473	8.0	20.9
5 1	15 46.30	−16 53.1	2.503	3.477	5.0	20.7
5 11	15 38.98	−16 17.9	2.476	3.482	1.9	20.5
5 21	15 31.32	−15 42.5	2.479	3.486	1.9	20.5
5 31	15 24.02	−15 9.6	2.510	3.490	5.0	20.7
6 10	15 17.72	−14 41.9	2.568	3.493	8.0	20.9
6 20	15 12.88	−14 21.5	2.650	3.497	10.6	21.1

94726 2001 XD_{64} 5 16.7 97°.02 0°.4/16.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.25	−20 8.2	1.829	2.668	14.3	19.5
4 21	15 56.09	−19 44.1	1.763	2.681	10.8	19.4
5 1	15 48.70	−19 12.3	1.719	2.694	6.8	19.1
5 11	15 39.89	−18 35.0	1.701	2.707	2.5	18.9
5 21	15 30.65	−17 55.3	1.710	2.719	2.0	18.9
5 31	15 22.04	−17 17.2	1.747	2.732	6.3	19.2
6 10	15 14.97	−16 45.0	1.809	2.744	10.2	19.4
6 20	15 10.03	−16 21.8	1.893	2.756	13.5	19.7

96938 1999 TQ_{146} 5 16.7 234°.87 2°.1/17.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.99	−24 51.5	2.000	2.823	13.8	19.4
4 21	15 56.83	−25 7.1	1.912	2.818	10.7	19.2
5 1	15 49.34	−25 13.9	1.847	2.813	7.2	19.0
5 11	15 40.20	−25 11.2	1.808	2.809	3.5	18.8
5 21	15 30.36	−24 59.5	1.796	2.803	2.5	18.7
5 31	15 20.91	−24 41.2	1.811	2.798	5.9	18.9
6 10	15 12.87	−24 20.2	1.853	2.793	9.7	19.1
6 20	15 6.95	−24 0.4	1.918	2.787	13.1	19.3

409935 2006 UJ_{64} 5 16.7 274°.84 1°.3/17.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 55.03	−26 14.1	3.471	4.276	8.9	21.7
4 21	15 50.70	−26 2.1	3.358	4.254	6.9	21.5
5 1	15 45.07	−25 42.7	3.269	4.231	4.6	21.3
5 11	15 38.54	−25 16.5	3.209	4.208	2.3	21.1
5 21	15 31.63	−24 44.5	3.178	4.185	1.6	21.0
5 31	15 24.90	−24 8.5	3.176	4.162	3.8	21.2
6 10	15 18.88	−23 31.2	3.203	4.138	6.2	21.3
6 20	15 14.01	−22 55.1	3.256	4.114	8.5	21.4

154506 2003 FC_{42} 5 16.7 276°.34 16°.7/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 59.40	+27 19.3	1.976	2.703	17.2	19.5
4 21	15 54.88	+29 31.9	1.930	2.685	16.8	19.5
5 1	15 48.09	+31 18.6	1.902	2.667	16.8	19.4
5 11	15 39.73	+32 30.9	1.892	2.648	17.2	19.4
5 21	15 30.74	+33 3.3	1.898	2.630	18.0	19.4
5 31	15 22.17	+32 53.9	1.920	2.611	19.1	19.5
6 10	15 15.00	+32 5.2	1.955	2.592	20.2	19.5
6 20	15 9.90	+30 42.5	2.001	2.573	21.3	19.6

217538 2006 YB_{49} 5 16.7 316°.70 4°.1/18.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 0.11	−29 0.3	1.444	2.281	17.5	19.9
4 21	15 56.40	−29 15.6	1.358	2.268	14.0	19.6
5 1	15 49.56	−29 15.1	1.292	2.256	9.9	19.4
5 11	15 40.40	−28 56.8	1.248	2.244	5.7	19.1
5 21	15 30.20	−28 20.9	1.228	2.233	4.3	19.0
5 31	15 20.48	−27 31.6	1.233	2.222	7.8	19.1
6 10	15 12.70	−26 36.1	1.261	2.212	12.3	19.4
6 20	15 7.79	−25 42.3	1.310	2.202	16.5	19.6

234927 2002 UW_9 5 16.7 154.°94 0.°5/16.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 6.62	−18 47.8	1.592	2.431	16.0	21.3
4 21	16 0.59	−18 43.1	1.520	2.438	12.2	21.1
5 1	15 51.79	−18 32.0	1.470	2.445	7.7	20.8
5 11	15 41.10	−18 15.7	1.445	2.451	2.8	20.5
5 21	15 29.74	−17 56.5	1.447	2.456	2.3	20.5
5 31	15 19.03	−17 37.8	1.475	2.461	7.2	20.8
6 10	15 10.17	−17 23.8	1.529	2.464	11.7	21.1
6 20	15 3.91	−17 17.6	1.604	2.468	15.5	21.3

52343 1992 WX_1 5 16.7 215.°34 1.°7/17.5 18

4 11	16 4.80	−24 52.9	1.602	2.434	16.3	19.0
4 21	15 59.48	−24 44.5	1.517	2.429	12.7	18.8
5 1	15 51.25	−24 23.3	1.453	2.422	8.4	18.5
5 11	15 40.96	−23 49.3	1.413	2.416	3.7	18.2
5 21	15 29.81	−23 4.6	1.399	2.408	2.5	18.1
5 31	15 19.20	−22 13.7	1.412	2.401	7.1	18.4
6 10	15 10.41	−21 23.4	1.450	2.392	11.7	18.6
6 20	15 4.28	−20 39.6	1.510	2.383	15.7	18.8

62199 2000 SC_{53} 5 16.7 204.°30 1.°9/17.8 18

4 11	16 0.71	−25 8.9	2.513	3.326	11.6	19.7
4 21	15 55.40	−25 26.7	2.423	3.323	9.0	19.5
5 1	15 48.22	−25 37.2	2.357	3.321	6.1	19.3
5 11	15 39.75	−25 39.8	2.318	3.318	3.1	19.1
5 21	15 30.74	−25 34.9	2.308	3.314	2.2	19.1
5 31	15 22.04	−25 24.2	2.326	3.311	5.0	19.3
6 10	15 14.45	−25 10.4	2.372	3.307	8.1	19.4
6 20	15 8.55	−24 56.7	2.442	3.304	10.9	19.6

127980 2003 HC_{41} 5 16.7 341.°66 1.°2/16.1 18

4 11	15 57.46	−20 52.8	1.186	2.056	18.4	19.1
4 21	15 54.47	−20 0.1	1.115	2.049	14.0	18.8
5 1	15 48.29	−18 52.4	1.062	2.044	8.9	18.5
5 11	15 39.90	−17 34.1	1.032	2.039	3.3	18.1
5 21	15 30.64	−16 12.0	1.026	2.035	3.2	18.1
5 31	15 22.09	−14 55.2	1.043	2.031	8.9	18.4
6 10	15 15.61	−13 52.2	1.081	2.028	14.2	18.7
6 20	15 12.06	−13 8.1	1.139	2.026	18.8	19.0

216800 2006 SC_{271} 5 16.7 278.°70 1.°0/16.2 17

4 11	16 1.08	−18 31.4	1.569	2.419	15.7	21.0
4 21	15 56.68	−18 13.0	1.480	2.404	12.0	20.7
5 1	15 49.52	−17 47.2	1.412	2.389	7.7	20.4
5 11	15 40.35	−17 15.9	1.368	2.374	2.9	20.1
5 21	15 30.26	−16 42.3	1.351	2.359	2.6	20.0
5 31	15 20.56	−16 10.7	1.359	2.344	7.6	20.3
6 10	15 12.48	−15 46.1	1.391	2.329	12.3	20.5
6 20	15 6.90	−15 32.1	1.443	2.314	16.5	20.7

67772 2000 UZ_{77} 5 16.7 288.°68 1.°2/16.0 18

4 11	15 59.72	−19 52.0	1.429	2.284	16.6	19.4
4 21	15 55.87	−19 7.4	1.341	2.269	12.7	19.1
5 1	15 49.10	−18 10.6	1.274	2.253	8.1	18.8
5 11	15 40.22	−17 4.7	1.231	2.237	3.0	18.4
5 21	15 30.39	−15 55.0	1.213	2.221	3.0	18.4
5 31	15 21.02	−14 48.6	1.220	2.206	8.3	18.6
6 10	15 13.43	−13 52.8	1.250	2.190	13.3	18.9
6 20	15 8.48	−13 12.5	1.301	2.175	17.7	19.1

323415 2004 DM_{56} 5 16.7 104.°12 1.°2/16.1 17

4 11	16 2.51	−18 9.1	1.692	2.535	15.0	21.7
4 21	15 57.17	−17 40.2	1.628	2.549	11.3	21.5
5 1	15 49.45	−17 4.9	1.586	2.562	7.1	21.3
5 11	15 40.20	−16 25.8	1.570	2.575	2.7	21.0
5 21	15 30.49	−15 46.5	1.581	2.588	2.6	21.0
5 31	15 21.48	−15 11.4	1.618	2.601	6.9	21.3
6 10	15 14.13	−14 44.5	1.681	2.613	11.0	21.6
6 20	15 9.06	−14 28.3	1.765	2.625	14.4	21.8

414031 2007 PM_{28} 5 16.7 285.°32 3.°7/14.9 17

4 11	16 0.43	−14 17.6	1.419	2.280	16.4	21.3
4 21	15 56.46	−13 26.4	1.327	2.257	12.7	21.0
5 1	15 49.55	−12 28.2	1.256	2.234	8.3	20.7
5 11	15 40.43	−11 27.7	1.208	2.211	4.3	20.4
5 21	15 30.20	−10 30.9	1.185	2.187	5.1	20.4
5 31	15 20.31	− 9 44.5	1.187	2.164	9.7	20.6
6 10	15 12.09	− 9 14.3	1.211	2.140	14.6	20.8
6 20	15 6.52	− 9 3.2	1.255	2.117	19.0	21.0

344044 2012 PB_{24} 5 16.7 271.°57 8.°1/21.1 18 R

4 11	16 4.70	−40 22.0	1.968	2.734	16.0	20.6
4 21	15 59.51	−41 13.2	1.879	2.727	13.7	20.4
5 1	15 51.37	−41 46.2	1.810	2.720	11.2	20.3
5 11	15 41.06	−41 56.4	1.763	2.713	9.0	20.1
5 21	15 29.76	−41 41.2	1.741	2.706	8.1	20.0
5 31	15 18.92	−41 2.2	1.744	2.699	9.0	20.1
6 10	15 9.89	−40 5.2	1.771	2.692	11.2	20.2
6 20	15 3.55	−38 57.8	1.821	2.685	13.9	20.3

211114 2002 FX_{34} 5 16.7 30.°22 0.°6/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 59.62	−22 30.9	1.178	2.042	18.8	19.5
4 21	15 55.99	−22 11.2	1.120	2.050	14.4	19.2
5 1	15 49.16	−21 38.4	1.080	2.059	9.2	19.0
5 11	15 40.18	−20 54.5	1.063	2.068	3.5	18.6
5 21	15 30.52	−20 4.0	1.068	2.079	2.4	18.6
5 31	15 21.75	−19 13.6	1.098	2.090	8.0	19.0
6 10	15 15.20	−18 30.4	1.150	2.101	13.1	19.3
6 20	15 11.61	−17 59.2	1.221	2.113	17.4	19.6

18790 Ericaburden 5 16.7 290.°52 2.°7/15.3 18

4 11	15 59.28	−14 14.3	1.724	2.576	14.4	18.5
4 21	15 54.91	−13 42.1	1.643	2.568	11.0	18.2
5 1	15 48.17	−13 6.5	1.584	2.560	7.1	18.0
5 11	15 39.80	−12 30.6	1.550	2.553	3.4	17.7
5 21	15 30.76	−11 58.4	1.542	2.545	3.8	17.7
5 31	15 22.16	−11 34.0	1.560	2.538	7.7	17.9
6 10	15 15.01	−11 20.5	1.603	2.531	11.8	18.2
6 20	15 10.02	−11 19.9	1.667	2.524	15.3	18.4

519335 2011 FH_{159} 5 16.7 11.°72 0.°1/16.7 17

4 11	16 0.93	−19 33.5	1.734	2.577	14.7	20.8
4 21	15 56.18	−19 37.7	1.658	2.578	11.2	20.5
5 1	15 48.98	−19 35.9	1.603	2.579	7.1	20.3
5 11	15 40.10	−19 29.1	1.574	2.579	2.7	20.0
5 21	15 30.55	−19 18.8	1.571	2.580	2.0	20.0
5 31	15 21.49	−19 7.8	1.594	2.582	6.5	20.3
6 10	15 13.99	−18 59.5	1.643	2.583	10.7	20.5
6 20	15 8.75	−18 56.9	1.714	2.585	14.3	20.7

83322 2001 RU_{124} 5 16.7 245.°44 0.°3/16.9 18

4 11	15 59.23	−21 5.9	2.253	3.083	12.2	20.0
4 21	15 54.43	−20 59.4	2.163	3.076	9.4	19.8
5 1	15 47.67	−20 46.4	2.097	3.069	6.0	19.6
5 11	15 39.58	−20 27.7	2.057	3.062	2.3	19.4
5 21	15 30.94	−20 5.0	2.045	3.055	1.6	19.3
5 31	15 22.63	−19 40.9	2.062	3.048	5.4	19.5
6 10	15 15.49	−19 18.8	2.105	3.040	8.9	19.7
6 20	15 10.13	−19 1.4	2.171	3.033	12.1	19.9

388772 2007 YK_{35} 5 16.7 126.°59 3.°5/14.7 17

4 11	15 58.82	− 9 2.5	2.268	3.107	11.9	20.9
4 21	15 53.89	− 8 40.8	2.195	3.111	9.1	20.7
5 1	15 47.20	− 8 20.8	2.145	3.114	6.1	20.5
5 11	15 39.37	− 8 5.4	2.122	3.117	3.8	20.4
5 21	15 31.12	− 7 56.9	2.127	3.121	4.3	20.4
5 31	15 23.28	− 7 57.4	2.159	3.124	6.9	20.6
6 10	15 16.56	− 8 8.0	2.218	3.127	9.8	20.7
6 20	15 11.48	− 8 28.9	2.299	3.130	12.5	20.9

279009 2008 UV_{279} 5 16.7 231.°95 2.°8/14.7 17

4 11	15 58.28	−15 22.5	2.013	2.858	12.9	21.0
4 21	15 53.76	−14 14.6	1.931	2.853	9.8	20.7
5 1	15 47.24	−13 0.4	1.872	2.848	6.3	20.5
5 11	15 39.41	−11 44.4	1.841	2.843	3.2	20.3
5 21	15 31.09	−10 31.6	1.837	2.838	3.9	20.3
5 31	15 23.22	− 9 27.4	1.861	2.832	7.3	20.5
6 10	15 16.61	− 8 36.1	1.910	2.826	10.8	20.7
6 20	15 11.86	− 8 0.2	1.982	2.821	13.9	20.9

118067 4648 $T\text{-}_2$ 5 16.7 210.°79 2.°5/15.1 18

4 11	15 59.69	−13 54.0	2.177	3.015	12.3	20.5
4 21	15 54.71	−13 17.6	2.092	3.010	9.3	20.3
5 1	15 47.81	−12 38.2	2.031	3.005	6.0	20.1
5 11	15 39.62	−11 58.8	1.998	3.000	3.0	19.9
5 21	15 30.93	−11 22.5	1.992	2.994	3.4	19.9
5 31	15 22.61	−10 52.9	2.014	2.987	6.7	20.1
6 10	15 15.48	−10 32.9	2.063	2.980	10.0	20.3
6 20	15 10.11	−10 23.9	2.134	2.973	13.1	20.5

192928 2000 AP_6 5 16.7 160.°14 1.°7/15.4 18

4 11	15 59.69	−15 36.7	2.594	3.423	10.8	21.4
4 21	15 54.31	−14 58.7	2.517	3.431	8.2	21.3
5 1	15 47.36	−14 17.2	2.465	3.438	5.2	21.1
5 11	15 39.40	−13 34.5	2.441	3.444	2.3	20.9
5 21	15 31.12	−12 53.5	2.446	3.450	2.6	20.9
5 31	15 23.23	−12 17.3	2.480	3.454	5.5	21.1
6 10	15 16.39	−11 48.4	2.542	3.459	8.4	21.3
6 20	15 11.07	−11 28.5	2.628	3.462	11.0	21.5

269975 2000 TO_8 5 16.7 265.°46 3.°3/18.2 18

4 11	16 2.78	−27 20.6	1.839	2.660	14.9	20.7
4 21	15 57.76	−27 46.6	1.750	2.652	11.8	20.5
5 1	15 50.12	−28 1.8	1.683	2.645	8.2	20.2
5 11	15 40.57	−28 4.6	1.641	2.637	4.6	20.0
5 21	15 30.18	−27 54.6	1.625	2.629	3.5	19.9
5 31	15 20.17	−27 34.2	1.636	2.621	6.6	20.1
6 10	15 11.72	−27 7.9	1.672	2.613	10.4	20.3
6 20	15 5.66	−26 40.7	1.730	2.605	14.0	20.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
317863 2003 UT_{23}			5 16.7 150°55		0°7/17.0 18	
	h m	° ′			°	m
4 11	16 4.55	−22 0.4	1.895	2.722	14.3	21.8
4 21	15 58.66	−21 54.7	1.820	2.731	10.9	21.6
5 1	15 50.41	−21 40.8	1.767	2.738	7.0	21.3
5 11	15 40.59	−21 19.2	1.741	2.746	2.8	21.1
5 21	15 30.22	−20 51.8	1.743	2.752	1.9	21.0
5 31	15 20.44	−20 22.2	1.772	2.758	6.1	21.3
6 10	15 12.21	−19 54.5	1.828	2.764	10.0	21.6
6 20	15 6.21	−19 32.4	1.906	2.768	13.5	21.8
417533 2006 TG_{76}			5 16.7 237°43		0°3/16.6 18	
4 11	16 3.56	−19 3.2	1.919	2.752	13.9	21.9
4 21	15 58.11	−18 58.9	1.824	2.739	10.7	21.7
5 1	15 50.23	−18 48.8	1.752	2.726	6.8	21.4
5 11	15 40.60	−18 33.8	1.706	2.712	2.5	21.1
5 21	15 30.16	−18 15.6	1.688	2.697	2.0	21.0
5 31	15 20.04	−17 57.1	1.697	2.682	6.5	21.3
6 10	15 11.31	−17 42.0	1.733	2.666	10.7	21.5
6 20	15 4.75	−17 33.3	1.791	2.650	14.3	21.7
416396 2003 UR_{97}			5 16.7 230°80		0°3/16.8 17	
4 11	16 3.87	−21 3.8	1.884	2.715	14.2	22.4
4 21	15 58.39	−20 55.9	1.790	2.703	10.9	22.1
5 1	15 50.43	−20 40.0	1.719	2.691	7.0	21.8
5 11	15 40.67	−20 16.8	1.673	2.678	2.7	21.5
5 21	15 30.11	−19 48.2	1.655	2.664	1.9	21.5
5 31	15 19.91	−19 17.7	1.664	2.650	6.5	21.7
6 10	15 11.17	−18 49.5	1.700	2.635	10.7	21.9
6 20	15 4.66	−18 27.7	1.758	2.620	14.4	22.1
185568 2008 AE_{71}			5 16.7 147°99		0°8/16.2 18	
4 11	16 3.26	−18 42.8	1.881	2.716	14.1	21.3
4 21	15 57.61	−18 19.4	1.808	2.725	10.7	21.1
5 1	15 49.71	−17 49.6	1.759	2.733	6.7	20.9
5 11	15 40.32	−17 15.4	1.735	2.740	2.5	20.7
5 21	15 30.44	−16 39.7	1.739	2.747	2.3	20.7
5 31	15 21.13	−16 6.4	1.771	2.753	6.5	20.9
6 10	15 13.35	−15 39.4	1.828	2.759	10.3	21.2
6 20	15 7.70	−15 21.4	1.909	2.764	13.7	21.4
22461 1997 AB_{7}			5 16.7 24°71		1°9/15.9 18	
4 11	16 0.31	−16 23.9	1.319	2.182	17.2	18.3
4 21	15 56.21	−16 6.2	1.255	2.186	13.1	18.1
5 1	15 49.20	−15 43.5	1.211	2.191	8.3	17.8
5 11	15 40.21	−15 18.7	1.190	2.196	3.3	17.5
5 21	15 30.52	−14 55.5	1.194	2.202	3.3	17.5
5 31	15 21.54	−14 38.2	1.222	2.208	8.3	17.8
6 10	15 14.51	−14 30.8	1.273	2.215	13.0	18.1
6 20	15 10.19	−14 35.2	1.344	2.222	17.0	18.4
177114 2003 GL_{16}			5 16.7 37°09		4°9/14.5 18	
4 11	16 0.61	− 4 10.0	2.193	3.026	12.4	19.8
4 21	15 55.29	− 4 2.7	2.119	3.028	9.7	19.7
5 1	15 48.11	− 4 1.6	2.070	3.030	7.0	19.5
5 11	15 39.72	− 4 9.4	2.047	3.033	5.0	19.4
5 21	15 30.88	− 4 27.9	2.051	3.035	5.4	19.4
5 31	15 22.45	− 4 58.2	2.083	3.037	7.8	19.6
6 10	15 15.19	− 5 40.0	2.140	3.040	10.6	19.7
6 20	15 9.65	− 6 32.1	2.221	3.043	13.2	19.9
432665 2011 AM_{32}			5 16.7 223°20		1°2/17.3 17	
4 11	16 3.32	−23 21.5	2.016	2.840	13.7	22.1
4 21	15 57.84	−23 20.2	1.922	2.830	10.6	21.8
5 1	15 50.00	−23 9.9	1.852	2.821	6.9	21.6
5 11	15 40.49	−22 50.9	1.807	2.811	3.0	21.3
5 21	15 30.26	−22 24.5	1.791	2.800	2.0	21.2
5 31	15 20.40	−21 53.7	1.802	2.789	6.0	21.5
6 10	15 11.92	−21 22.7	1.840	2.777	9.9	21.7
6 20	15 5.57	−20 55.8	1.901	2.764	13.4	21.9
375769 2009 SN_{146}			5 16.7 123°60		3°4/18.1 18	
4 11	16 5.77	−26 56.1	1.891	2.706	14.8	21.1
4 21	15 59.82	−27 36.7	1.815	2.713	11.6	20.9
5 1	15 51.29	−28 7.5	1.761	2.720	8.1	20.7
5 11	15 40.97	−28 26.4	1.732	2.727	4.6	20.5
5 21	15 29.92	−28 32.6	1.731	2.734	3.6	20.4
5 31	15 19.39	−28 27.8	1.757	2.741	6.5	20.6
6 10	15 10.49	−28 16.0	1.810	2.747	10.0	20.8
6 20	15 3.98	−28 1.9	1.885	2.753	13.3	21.0
311232 2005 BS_{25}			5 16.7 94°18		0°3/16.8 18	
4 11	16 4.70	−21 48.8	1.566	2.405	16.2	21.2
4 21	15 58.98	−21 28.0	1.507	2.425	12.3	21.0
5 1	15 50.63	−20 57.2	1.471	2.445	7.8	20.7
5 11	15 40.65	−20 18.2	1.459	2.464	2.9	20.5
5 21	15 30.24	−19 34.6	1.474	2.483	2.1	20.5
5 31	15 20.68	−18 51.2	1.515	2.502	6.8	20.8
6 10	15 13.03	−18 13.4	1.581	2.520	11.1	21.1
6 20	15 7.89	−17 45.0	1.669	2.538	14.7	21.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
347734 2001 YC_{139}			5 16.7 120°59		5°5/13.1 18	
	h m	° ′			°	m
4 11	15 57.69	− 2 31.3	2.420	3.252	11.4	21.1
4 21	15 52.87	− 1 51.7	2.354	3.259	9.1	20.9
5 1	15 46.48	− 1 17.6	2.312	3.265	6.8	20.8
5 11	15 39.09	− 0 52.8	2.296	3.271	5.5	20.7
5 21	15 31.38	− 0 40.1	2.308	3.277	6.1	20.8
5 31	15 24.05	− 0 41.3	2.347	3.283	8.0	20.9
6 10	15 17.76	− 0 56.8	2.410	3.288	10.4	21.1
6 20	15 12.98	− 1 25.8	2.496	3.294	12.6	21.2
312575 2009 HN_{67}			5 16.7 277°13		0°3/16.9 18	
4 11	16 0.16	−19 41.9	2.307	3.136	12.0	21.1
4 21	15 55.18	−19 54.7	2.210	3.123	9.2	20.9
5 1	15 48.21	−20 3.3	2.137	3.109	5.9	20.7
5 11	15 39.82	−20 7.9	2.090	3.095	2.2	20.4
5 21	15 30.78	−20 9.3	2.072	3.081	1.6	20.3
5 31	15 21.98	−20 9.1	2.082	3.068	5.4	20.6
6 10	15 14.28	−20 9.6	2.119	3.054	8.9	20.8
6 20	15 8.32	−20 13.0	2.180	3.040	12.1	20.9
278240 2007 EW_{140}			5 16.7 19°11		2°2/17.8 17	
4 11	15 58.26	−25 14.9	1.317	2.171	17.8	20.1
4 21	15 54.81	−25 15.2	1.254	2.178	13.8	19.9
5 1	15 48.37	−25 1.4	1.211	2.185	9.1	19.6
5 11	15 39.92	−24 34.1	1.191	2.193	4.3	19.4
5 21	15 30.78	−23 55.9	1.194	2.203	2.8	19.3
5 31	15 22.41	−23 12.1	1.221	2.213	7.3	19.6
6 10	15 16.06	−22 29.3	1.271	2.224	12.0	19.9
6 20	15 12.48	−21 53.4	1.342	2.236	16.0	20.2
272496 2005 UG_{155}			5 16.7 279°18		0°5/16.9 17	
4 11	16 2.47	−20 27.4	1.750	2.589	14.8	21.1
4 21	15 57.64	−20 37.7	1.653	2.570	11.4	20.8
5 1	15 50.14	−20 41.9	1.577	2.551	7.4	20.6
5 11	15 40.64	−20 40.0	1.526	2.531	2.9	20.2
5 21	15 30.15	−20 32.9	1.502	2.512	2.1	20.1
5 31	15 19.91	−20 23.0	1.504	2.492	6.8	20.4
6 10	15 11.13	−20 14.0	1.532	2.472	11.3	20.6
6 20	15 4.71	−20 9.5	1.581	2.452	15.3	20.8
65684 1990 QY_{5}			5 16.7 259°56		6°8/20.4 18	
4 11	16 4.72	−38 2.4	2.139	2.910	14.8	18.7
4 21	15 59.32	−38 42.4	2.037	2.893	12.5	18.5
5 1	15 51.19	−39 6.5	1.956	2.876	9.9	18.3
5 11	15 41.02	−39 10.8	1.898	2.859	7.7	18.1
5 21	15 29.87	−38 53.4	1.866	2.841	6.8	18.0
5 31	15 19.03	−38 15.4	1.861	2.823	8.0	18.1
6 10	15 9.73	−37 21.9	1.881	2.805	10.5	18.2
6 20	15 2.85	−36 19.9	1.923	2.787	13.3	18.3
107794 2001 FK_{54}			5 16.7 0°21		11°9/ 6.8 17	
4 11	15 52.68	− 5 2.9	1.103	1.988	18.2	18.4
4 21	15 50.62	− 1 25.1	1.052	1.985	14.8	18.2
5 1	15 45.72	+ 2 14.1	1.023	1.983	12.3	18.1
5 11	15 38.94	+ 5 34.9	1.018	1.983	12.1	18.1
5 21	15 31.55	+ 8 20.0	1.036	1.983	14.3	18.2
5 31	15 24.90	+10 17.7	1.075	1.986	17.6	18.4
6 10	15 20.16	+11 25.3	1.131	1.989	20.8	18.6
6 20	15 17.99	+11 47.2	1.201	1.994	23.7	18.8
153936 2001 YJ_{89}			5 16.7 355°99		0°5/16.5 17	
4 11	15 59.96	−18 46.4	1.580	2.431	15.5	19.7
4 21	15 55.66	−18 41.3	1.505	2.430	11.8	19.4
5 1	15 48.76	−18 30.1	1.451	2.429	7.5	19.2
5 11	15 40.07	−18 14.2	1.422	2.428	2.8	18.9
5 21	15 30.66	−17 56.0	1.418	2.427	2.3	18.8
5 31	15 21.79	−17 39.0	1.440	2.427	7.1	19.1
6 10	15 14.56	−17 27.1	1.486	2.427	11.5	19.4
6 20	15 9.74	−17 23.1	1.553	2.428	15.3	19.6
513120 2017 WL_{27}			5 16.7 253°71		0°7/17.0 17	
4 11	16 4.51	−20 10.3	2.022	2.848	13.6	21.8
4 21	15 58.84	−20 34.5	1.923	2.833	10.4	21.5
5 1	15 50.74	−20 54.5	1.847	2.818	6.8	21.3
5 11	15 40.83	−21 9.8	1.797	2.802	2.7	21.0
5 21	15 30.04	−21 20.2	1.776	2.785	1.9	20.9
5 31	15 19.47	−21 27.2	1.783	2.768	6.1	21.1
6 10	15 10.21	−21 33.3	1.816	2.751	10.1	21.3
6 20	15 3.05	−21 41.1	1.873	2.734	13.7	21.5
465631 2009 HE_{93}			5 16.7 66°86		2°2/15.8 18	
4 11	16 3.78	−15 29.3	1.359	2.215	17.2	21.3
4 21	15 58.49	−15 7.6	1.308	2.236	13.0	21.1
5 1	15 50.42	−14 42.2	1.278	2.257	8.2	20.9
5 11	15 40.61	−14 16.3	1.273	2.277	3.4	20.6
5 21	15 30.36	−13 53.6	1.292	2.298	3.6	20.7
5 31	15 21.02	−13 38.0	1.337	2.319	8.1	21.0
6 10	15 13.72	−13 32.6	1.405	2.340	12.5	21.3
6 20	15 9.08	−13 38.9	1.493	2.361	16.2	21.6

179416 2002 AP_{14} 5 16.7 199°.13 0°.4/17.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 58.53	−21 58.3	3.110	3.924	9.6	21.7
4 21	15 53.37	−21 46.2	3.015	3.919	7.3	21.5
5 1	15 46.77	−21 28.4	2.946	3.915	4.7	21.3
5 11	15 39.23	−21 5.7	2.905	3.909	1.8	21.1
5 21	15 31.32	−20 39.3	2.894	3.903	1.3	21.0
5 31	15 23.68	−20 11.5	2.912	3.897	4.1	21.2
6 10	15 16.89	−19 44.7	2.959	3.890	6.9	21.4
6 20	15 11.41	−19 21.2	3.032	3.882	9.3	21.6

391676 2008 AV_{17} 5 16.7 82°.26 2°.6/18.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 59.55	−28 30.1	2.247	3.058	12.9	21.4
4 21	15 54.65	−28 27.7	2.171	3.068	10.1	21.3
5 1	15 47.77	−28 13.8	2.119	3.078	6.9	21.1
5 11	15 39.62	−27 48.5	2.092	3.088	3.8	20.9
5 21	15 31.05	−27 13.1	2.093	3.098	2.8	20.9
5 31	15 22.98	−26 31.0	2.122	3.108	5.3	21.0
6 10	15 16.22	−25 46.4	2.178	3.118	8.4	21.2
6 20	15 11.33	−25 3.7	2.257	3.128	11.3	21.4

313595 2003 NC_{13} 5 16.7 235°.47 4°.5/19.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 5.45	−31 38.5	1.844	2.648	15.6	21.0
4 21	15 59.95	−31 51.9	1.747	2.635	12.6	20.8
5 1	15 51.60	−31 49.8	1.672	2.622	9.1	20.5
5 11	15 41.18	−31 29.8	1.620	2.609	5.8	20.3
5 21	15 29.81	−30 51.7	1.595	2.594	4.6	20.2
5 31	15 18.86	−29 58.7	1.597	2.579	7.1	20.3
6 10	15 9.60	−28 57.1	1.625	2.564	10.8	20.5
6 20	15 2.90	−27 54.5	1.675	2.548	14.5	20.7

183600 2003 UQ_{45} 5 16.7 137°.03 1°.1/16.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 3.58	−17 51.9	1.819	2.656	14.4	20.9
4 21	15 57.91	−17 29.2	1.749	2.667	10.9	20.7
5 1	15 49.92	−17 0.8	1.702	2.677	6.8	20.5
5 11	15 40.43	−16 28.9	1.681	2.686	2.6	20.3
5 21	15 30.45	−15 56.4	1.687	2.695	2.5	20.3
5 31	15 21.09	−15 27.2	1.721	2.704	6.7	20.5
6 10	15 13.29	−15 4.8	1.781	2.712	10.6	20.8
6 20	15 7.69	−14 51.9	1.863	2.719	14.0	21.0

232582 2003 SA_{412} 5 16.7 135°.19 1°.7/15.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 59.44	−16 14.9	2.034	2.875	12.9	21.7
4 21	15 54.60	−15 42.9	1.959	2.879	9.8	21.5
5 1	15 47.76	−15 6.6	1.908	2.884	6.2	21.3
5 11	15 39.63	−14 28.5	1.883	2.888	2.6	21.1
5 21	15 31.05	−13 51.9	1.886	2.892	2.8	21.1
5 31	15 22.94	−13 20.3	1.917	2.896	6.4	21.3
6 10	15 16.13	−12 57.0	1.973	2.899	10.0	21.5
6 20	15 11.20	−12 43.9	2.052	2.903	13.1	21.7

385243 2000 VW_{45} 5 16.7 244°.16 0°.9/16.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 0.14	−19 51.8	2.147	2.980	12.7	21.5
4 21	15 55.22	−19 6.2	2.049	2.965	9.6	21.3
5 1	15 48.25	−18 11.7	1.975	2.949	6.1	21.0
5 11	15 39.85	−17 10.6	1.928	2.934	2.3	20.7
5 21	15 30.85	−16 6.7	1.909	2.917	2.2	20.7
5 31	15 22.20	−15 4.7	1.919	2.900	6.2	20.9
6 10	15 14.77	−14 9.5	1.955	2.883	10.0	21.1
6 20	15 9.19	−13 24.7	2.015	2.865	13.3	21.3

52401 1993 SS_{15} 5 16.7 150°.91 0°.3/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 4.77	−19 48.2	2.040	2.866	13.5	18.6
4 21	15 58.71	−20 0.4	1.963	2.874	10.3	18.4
5 1	15 50.43	−20 7.6	1.909	2.881	6.5	18.2
5 11	15 40.64	−20 9.7	1.882	2.887	2.5	17.9
5 21	15 30.29	−20 7.9	1.883	2.893	1.8	17.9
5 31	15 20.41	−20 4.0	1.913	2.898	5.8	18.2
6 10	15 11.97	−20 0.8	1.970	2.903	9.6	18.4
6 20	15 5.60	−20 1.1	2.050	2.908	12.8	18.6

470652 2008 SU_{129} 5 16.7 306°.74 3°.5/18.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 0.93	−27 7.0	1.668	2.499	15.8	21.5
4 21	15 56.74	−27 34.8	1.573	2.481	12.5	21.2
5 1	15 49.71	−27 51.7	1.499	2.463	8.7	20.9
5 11	15 40.53	−27 55.5	1.449	2.446	4.9	20.7
5 21	15 30.29	−27 45.8	1.424	2.429	3.8	20.5
5 31	15 20.35	−27 24.8	1.425	2.412	7.2	20.7
6 10	15 12.03	−26 57.2	1.450	2.395	11.4	20.9
6 20	15 6.26	−26 28.8	1.496	2.379	15.3	21.1

391697 2008 AD_{135} 5 16.7 123°.19 4°.1/19.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 2.76	−33 49.1	2.731	3.507	11.8	22.1
4 21	15 56.83	−34 9.8	2.655	3.523	9.5	22.0
5 1	15 49.05	−34 18.5	2.603	3.538	7.1	21.8
5 11	15 40.09	−34 14.0	2.577	3.553	4.9	21.7
5 21	15 30.73	−33 56.4	2.579	3.568	4.1	21.7
5 31	15 21.82	−33 27.6	2.609	3.582	5.4	21.8
6 10	15 14.12	−32 51.5	2.667	3.595	7.6	22.0
6 20	15 8.18	−32 12.2	2.750	3.609	9.9	22.1

149977 2005 UK_{9} 5 16.7 144°.30 2°.5/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 1.19	−14 7.9	1.809	2.654	14.1	20.3
4 21	15 56.15	−13 43.4	1.736	2.658	10.7	20.1
5 1	15 48.87	−13 16.4	1.685	2.661	6.8	19.9
5 11	15 40.07	−12 49.7	1.660	2.664	3.2	19.6
5 21	15 30.73	−12 26.5	1.662	2.666	3.5	19.7
5 31	15 21.91	−12 10.1	1.691	2.669	7.3	19.9
6 10	15 14.55	−12 3.2	1.745	2.671	11.1	20.1
6 20	15 9.30	−12 7.2	1.821	2.673	14.4	20.3

314156 2005 EG_{292} 5 16.7 123°.27 2°.0/15.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 4.25	−14 41.2	1.637	2.482	15.4	20.6
4 21	15 58.67	−14 33.8	1.569	2.490	11.6	20.4
5 1	15 50.54	−14 24.2	1.522	2.498	7.4	20.1
5 11	15 40.70	−14 14.5	1.501	2.505	3.1	19.9
5 21	15 30.27	−14 7.1	1.506	2.513	3.2	19.9
5 31	15 20.46	−14 4.7	1.538	2.520	7.4	20.2
6 10	15 12.34	−14 9.8	1.595	2.526	11.6	20.4
6 20	15 6.61	−14 23.8	1.674	2.533	15.2	20.7

472820 2015 FM_{171} 5 16.7 260°.61 2°.5/15.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 59.35	−13 36.1	2.000	2.844	13.0	21.7
4 21	15 54.68	−13 11.7	1.915	2.836	9.9	21.5
5 1	15 47.92	−12 45.2	1.854	2.829	6.4	21.3
5 11	15 39.74	−12 19.2	1.819	2.821	3.1	21.1
5 21	15 30.97	−11 56.8	1.811	2.814	3.5	21.1
5 31	15 22.57	−11 40.9	1.830	2.806	6.9	21.3
6 10	15 15.43	−11 34.1	1.874	2.798	10.6	21.5
6 20	15 10.18	−11 38.0	1.941	2.790	13.8	21.7

207468 2006 GE_{46} 5 16.7 327°.12 0°.5/16.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.80	−17 18.6	1.245	2.109	18.0	19.8
4 21	15 57.88	−17 37.9	1.167	2.098	13.9	19.5
5 1	15 50.65	−17 54.1	1.109	2.088	8.9	19.2
5 11	15 40.93	−18 7.6	1.073	2.079	3.3	18.9
5 21	15 30.03	−18 19.4	1.061	2.070	2.7	18.8
5 31	15 19.61	−18 31.6	1.072	2.062	8.4	19.1
6 10	15 11.22	−18 47.5	1.106	2.055	13.8	19.4
6 20	15 5.87	−19 9.8	1.160	2.048	18.4	19.6

198373 2004 VZ_{21} 5 16.7 248°.49 0°.8/16.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.22	−18 0.6	2.186	3.018	12.5	21.3
4 21	15 56.07	−17 45.7	2.086	3.001	9.5	21.1
5 1	15 48.83	−17 25.7	2.010	2.984	6.1	20.9
5 11	15 40.10	−17 2.1	1.960	2.966	2.3	20.6
5 21	15 30.69	−16 36.7	1.939	2.947	2.1	20.5
5 31	15 21.54	−16 12.8	1.946	2.929	6.0	20.8
6 10	15 13.55	−15 53.4	1.980	2.909	9.8	20.9
6 20	15 7.41	−15 41.3	2.037	2.889	13.1	21.1

70762 1999 VZ_{32} 5 16.7 37°.06 0°.3/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 58.35	−22 58.4	1.584	2.431	15.7	18.5
4 21	15 54.28	−22 22.5	1.521	2.443	11.9	18.3
5 1	15 47.75	−21 34.7	1.479	2.454	7.6	18.0
5 11	15 39.66	−20 37.7	1.461	2.467	2.9	17.8
5 21	15 31.10	−19 36.0	1.469	2.479	2.0	17.7
5 31	15 23.25	−18 35.3	1.504	2.492	6.6	18.1
6 10	15 17.10	−17 41.6	1.562	2.506	10.9	18.3
6 20	15 13.26	−16 59.0	1.643	2.520	14.5	18.6

285055 2011 HT_{18} 5 16.7 36°.05 5°.7/13.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 58.83	− 6 7.2	1.809	2.658	14.0	20.2
4 21	15 54.31	− 5 17.8	1.741	2.659	10.9	20.0
5 1	15 47.66	− 4 32.0	1.696	2.661	7.8	19.8
5 11	15 39.63	− 3 54.7	1.675	2.662	5.8	19.7
5 21	15 31.10	− 3 30.3	1.681	2.664	6.5	19.8
5 31	15 23.06	− 3 21.8	1.712	2.666	9.3	19.9
6 10	15 16.41	− 3 30.5	1.767	2.668	12.4	20.1
6 20	15 11.73	− 3 55.5	1.843	2.670	15.3	20.3

374321 2005 TW_{16} 5 16.7 260°.81 1°.9/17.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 3.86	−24 29.9	1.974	2.796	14.0	21.8
4 21	15 58.53	−24 40.6	1.868	2.774	11.0	21.6
5 1	15 50.65	−24 42.4	1.785	2.751	7.4	21.3
5 11	15 40.86	−24 34.4	1.727	2.728	3.5	21.0
5 21	15 30.10	−24 16.9	1.697	2.705	2.4	20.9
5 31	15 19.54	−23 52.4	1.694	2.681	6.3	21.1
6 10	15 10.34	−23 25.1	1.718	2.656	10.4	21.3
6 20	15 3.36	−22 59.5	1.764	2.631	14.2	21.4

313062 2000 SS_{89} 5 16.7 250°.08 2°.5/15.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.35	−16 15.9	1.562	2.414	15.6	20.7
4 21	15 56.78	−15 29.7	1.479	2.404	11.9	20.5
5 1	15 49.53	−14 36.3	1.417	2.395	7.6	20.2
5 11	15 40.40	−13 39.4	1.381	2.385	3.4	19.9
5 21	15 30.49	−12 44.2	1.370	2.375	3.8	19.9
5 31	15 21.06	−11 56.4	1.385	2.364	8.3	20.2
6 10	15 13.29	−11 21.2	1.424	2.354	12.8	20.4
6 20	15 7.95	−11 1.5	1.484	2.343	16.7	20.6

188462 2004 JG_{34} 5 16.7 298°.40 2°.9/15.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 58.60	−15 2.7	1.583	2.439	15.2	20.3
4 21	15 54.78	−14 19.5	1.490	2.418	11.7	20.0
5 1	15 48.36	−13 30.1	1.419	2.397	7.5	19.7
5 11	15 40.01	−12 38.3	1.372	2.375	3.6	19.4
5 21	15 30.76	−11 49.0	1.350	2.354	4.2	19.4
5 31	15 21.82	−11 7.8	1.354	2.333	8.6	19.6
6 10	15 14.39	−10 39.6	1.382	2.312	13.1	19.8
6 20	15 9.31	−10 27.3	1.429	2.291	17.1	20.0

80515 2000 AA_{59} 5 16.7 159°.35 3°.6/14.9 17

4 11	16 3.07	−10 39.8	1.930	2.769	13.6	20.3
4 21	15 57.39	−10 12.4	1.858	2.775	10.4	20.1
5 1	15 49.57	− 9 45.3	1.809	2.780	6.9	19.9
5 11	15 40.34	− 9 21.8	1.787	2.785	3.9	19.7
5 21	15 30.60	− 9 4.9	1.792	2.789	4.4	19.8
5 31	15 21.38	− 8 57.5	1.824	2.793	7.6	20.0
6 10	15 13.57	− 9 1.3	1.882	2.796	11.1	20.2
6 20	15 7.78	− 9 16.7	1.962	2.798	14.2	20.4

58581 1997 SB_{3} 5 16.7 192°.33 1°.8/15.7 18

4 11	16 3.15	−17 17.2	1.748	2.589	14.7	19.6
4 21	15 57.80	−16 36.6	1.668	2.588	11.2	19.4
5 1	15 49.99	−15 49.0	1.611	2.587	7.1	19.1
5 11	15 40.53	−14 57.6	1.579	2.584	2.9	18.9
5 21	15 30.45	−14 6.5	1.575	2.581	3.1	18.9
5 31	15 20.89	−13 20.8	1.598	2.578	7.4	19.1
6 10	15 12.91	−12 44.9	1.646	2.574	11.5	19.3
6 20	15 7.19	−12 21.8	1.716	2.569	15.1	19.6

181992 1999 VZ_{125} 5 16.7 230°.80 2°.6/14.7 17

4 11	15 56.44	−12 58.9	2.560	3.398	10.7	21.5
4 21	15 52.01	−12 13.9	2.474	3.392	8.1	21.3
5 1	15 46.02	−11 26.6	2.413	3.385	5.3	21.1
5 11	15 39.00	−10 39.9	2.379	3.379	2.9	20.9
5 21	15 31.59	− 9 56.9	2.374	3.372	3.4	20.9
5 31	15 24.49	− 9 20.8	2.397	3.365	6.1	21.1
6 10	15 18.34	− 8 54.2	2.447	3.358	8.9	21.3
6 20	15 13.64	− 8 38.5	2.520	3.351	11.5	21.4

259212 2003 AZ_{80} 5 16.7 222°.22 4°.7/13.7 18

4 11	16 1.46	− 7 43.4	2.176	3.011	12.4	21.1
4 21	15 56.09	− 6 53.4	2.088	3.000	9.7	20.9
5 1	15 48.75	− 6 4.1	2.024	2.989	6.8	20.7
5 11	15 40.05	− 5 19.8	1.987	2.976	4.8	20.6
5 21	15 30.80	− 4 44.4	1.977	2.963	5.5	20.6
5 31	15 21.86	− 4 21.4	1.996	2.948	8.2	20.7
6 10	15 14.09	− 4 13.0	2.039	2.934	11.3	20.9
6 20	15 8.09	− 4 19.6	2.105	2.918	14.1	21.0

434789 2006 QT_{68} 5 16.7 270°.24 1°.5/15.8 16

4 11	15 58.43	−16 31.1	2.150	2.990	12.4	21.8
4 21	15 53.91	−16 7.9	2.059	2.979	9.4	21.6
5 1	15 47.42	−15 40.2	1.992	2.967	6.0	21.3
5 11	15 39.58	−15 10.4	1.951	2.956	2.4	21.1
5 21	15 31.16	−14 41.0	1.938	2.944	2.5	21.1
5 31	15 23.06	−14 15.2	1.952	2.933	6.2	21.3
6 10	15 16.12	−13 56.1	1.993	2.921	9.8	21.5
6 20	15 10.95	−13 45.9	2.056	2.909	13.0	21.6

338811 2003 WH_{17} 5 16.7 281°.28 5°.4/13.1 18

4 11	15 58.95	− 7 0.6	2.039	2.882	12.8	21.0
4 21	15 54.47	− 5 59.1	1.938	2.853	10.1	20.8
5 1	15 47.90	− 4 57.4	1.860	2.824	7.3	20.5
5 11	15 39.80	− 4 0.5	1.808	2.795	5.5	20.4
5 21	15 30.97	− 3 13.5	1.784	2.765	6.4	20.4
5 31	15 22.32	− 2 41.1	1.785	2.735	9.2	20.5
6 10	15 14.79	− 2 26.1	1.812	2.704	12.5	20.6
6 20	15 9.07	− 2 29.4	1.859	2.673	15.7	20.7

343146 2009 FF_{55} 5 16.7 54°.00 2°.2/15.6 17

4 11	15 59.37	−14 25.2	1.872	2.718	13.6	20.8
4 21	15 54.55	−14 2.5	1.816	2.739	10.2	20.6
5 1	15 47.71	−13 37.6	1.783	2.759	6.5	20.5
5 11	15 39.62	−13 13.4	1.776	2.780	2.9	20.3
5 21	15 31.20	−12 52.7	1.796	2.801	3.2	20.3
5 31	15 23.40	−12 38.4	1.843	2.822	6.7	20.6
6 10	15 17.03	−12 32.7	1.916	2.843	10.1	20.8
6 20	15 12.60	−12 36.7	2.010	2.864	13.2	21.1

156953 2003 HD_{12} 5 16.7 334°.35 7°.9/13.8 18

4 11	15 59.74	− 1 42.3	1.461	2.315	16.4	19.1
4 21	15 55.61	− 1 11.6	1.387	2.304	13.2	18.9
5 1	15 48.83	− 0 50.9	1.334	2.294	10.0	18.7
5 11	15 40.17	− 0 46.2	1.304	2.285	8.0	18.5
5 21	15 30.72	− 1 1.8	1.298	2.276	8.7	18.5
5 31	15 21.74	− 1 39.7	1.315	2.268	11.5	18.7
6 10	15 14.38	− 2 39.0	1.355	2.261	15.0	18.9
6 20	15 9.45	− 3 56.4	1.413	2.254	18.4	19.1

169683 2002 JD_{114} 5 16.7 289°.24 1°.4/17.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 0.46	−25 6.7	1.482	2.325	16.8	20.3
4 21	15 56.52	−24 43.8	1.391	2.309	13.1	20.0
5 1	15 49.60	−24 5.4	1.321	2.293	8.7	19.7
5 11	15 40.51	−23 12.2	1.274	2.277	3.8	19.4
5 21	15 30.44	−22 7.3	1.252	2.262	2.4	19.2
5 31	15 20.83	−20 56.9	1.256	2.246	7.4	19.5
6 10	15 13.03	−19 48.9	1.283	2.230	12.4	19.7
6 20	15 7.93	−18 50.3	1.331	2.215	16.8	19.9

164465 2006 DX_{153} 5 16.7 309°.73 6°.8/11.9 18

4 11	15 55.85	− 7 13.1	1.663	2.522	14.5	19.8
4 21	15 52.43	− 5 38.5	1.578	2.502	11.4	19.6
5 1	15 46.72	− 4 2.0	1.515	2.482	8.4	19.4
5 11	15 39.38	− 2 31.1	1.478	2.462	6.8	19.2
5 21	15 31.32	− 1 13.5	1.465	2.443	8.0	19.2
5 31	15 23.62	− 0 16.2	1.478	2.424	11.1	19.4
6 10	15 17.27	+ 0 17.0	1.513	2.405	14.6	19.5
6 20	15 13.00	+ 0 25.4	1.566	2.387	17.8	19.7

208692 2002 GS_{163} 5 16.7 98°.71 1°.5/15.9 16

4 11	16 4.32	−17 21.2	1.543	2.390	16.1	21.2
4 21	15 58.72	−16 53.9	1.484	2.407	12.1	21.0
5 1	15 50.53	−16 20.7	1.447	2.424	7.6	20.8
5 11	15 40.71	−15 44.6	1.435	2.441	3.0	20.5
5 21	15 30.42	−15 9.1	1.449	2.457	2.9	20.6
5 31	15 20.93	−14 38.9	1.490	2.473	7.4	20.9
6 10	15 13.29	−14 17.8	1.555	2.488	11.7	21.2
6 20	15 8.13	−14 8.1	1.642	2.504	15.3	21.4

177900 2005 RS_{30} 5 16.7 138°.99 3°.4/18.9 18

4 11	16 0.62	−30 12.7	2.396	3.196	12.5	20.8
4 21	15 55.51	−30 31.2	2.311	3.199	10.0	20.6
5 1	15 48.40	−30 38.7	2.250	3.201	7.1	20.4
5 11	15 39.94	−30 34.2	2.215	3.204	4.4	20.2
5 21	15 30.94	−30 17.9	2.207	3.206	3.5	20.2
5 31	15 22.34	−29 52.0	2.227	3.208	5.5	20.3
6 10	15 14.98	−29 20.3	2.274	3.210	8.3	20.5
6 20	15 9.46	−28 46.8	2.345	3.213	11.1	20.7

182863 2002 CP_{176} 5 16.7 77°.44 2°.3/15.3 17

4 11	15 58.31	−13 12.8	2.254	3.094	11.9	20.8
4 21	15 53.50	−12 50.2	2.187	3.106	9.0	20.7
5 1	15 46.98	−12 26.6	2.145	3.119	5.7	20.5
5 11	15 39.36	−12 4.1	2.129	3.131	2.8	20.3
5 21	15 31.40	−11 45.4	2.142	3.144	3.1	20.4
5 31	15 23.90	−11 32.9	2.182	3.156	6.1	20.6
6 10	15 17.55	−11 28.3	2.248	3.169	9.2	20.8
6 20	15 12.86	−11 32.7	2.338	3.181	11.9	21.0

143476 2003 CB_{9} 5 16.7 101°.79 3°.7/19.4 18

4 11	16 0.13	−32 5.1	2.285	3.082	13.1	20.2
4 21	15 55.18	−32 5.5	2.204	3.088	10.5	20.0
5 1	15 48.18	−31 52.3	2.146	3.094	7.6	19.9
5 11	15 39.84	−31 24.8	2.113	3.099	4.8	19.7
5 21	15 31.03	−30 44.1	2.107	3.105	3.7	19.6
5 31	15 22.73	−29 53.4	2.129	3.111	5.6	19.8
6 10	15 15.76	−28 57.6	2.177	3.116	8.5	19.9
6 20	15 10.72	−28 1.9	2.250	3.121	11.3	20.1

475960 2007 HP_{3} 5 16.7 325°.35 13°.6/14.4 18

4 11	16 16.40	−35 8.8	1.350	2.149	20.5	19.4
4 21	16 11.58	−38 37.4	1.242	2.111	17.9	19.1
5 1	16 1.51	−42 12.5	1.155	2.073	15.4	18.8
5 11	15 45.94	−45 38.2	1.092	2.036	13.8	18.6
5 21	15 25.65	−48 34.7	1.054	2.001	14.1	18.5
5 31	15 3.03	−50 45.1	1.040	1.966	16.6	18.5
6 10	14 41.69	−52 5.9	1.049	1.933	20.2	18.6
6 20	14 24.94	−52 46.4	1.074	1.901	23.8	18.8

300987 2008 FT_{8} 5 16.7 201°.39 3°.9/13.8 17

4 11	15 57.12	− 7 50.7	2.608	3.444	10.6	21.2
4 21	15 52.46	− 7 8.8	2.528	3.441	8.2	21.1
5 1	15 46.28	− 6 28.3	2.473	3.438	5.7	20.9
5 11	15 39.12	− 5 52.3	2.445	3.435	4.0	20.8
5 21	15 31.58	− 5 23.7	2.445	3.431	4.5	20.8
5 31	15 24.35	− 5 5.1	2.474	3.427	6.8	20.9
6 10	15 18.06	− 4 58.0	2.528	3.423	9.3	21.1
6 20	15 13.18	− 5 2.9	2.605	3.418	11.7	21.3

70146 1999 NX_{23} 5 16.7 332°.30 8°.7/13.7 18

4 11	15 59.25	− 2 53.2	1.199	2.067	18.3	18.4
4 21	15 55.77	− 2 9.8	1.129	2.055	14.7	18.2
5 1	15 49.19	− 1 35.7	1.078	2.044	11.1	17.9
5 11	15 40.38	− 1 18.7	1.048	2.033	8.8	17.7
5 21	15 30.59	− 1 24.7	1.041	2.023	9.6	17.7
5 31	15 21.33	− 1 57.0	1.055	2.014	12.9	17.9
6 10	15 13.98	− 2 54.9	1.090	2.006	17.0	18.1
6 20	15 9.46	− 4 14.4	1.142	1.999	20.8	18.3

37595 1991 UZ_1 5 16.7 184°.78 2°.4/18.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 1.80	−26 41.5	2.520	3.327	11.8	18.5
4 21	15 56.29	−27 2.1	2.432	3.327	9.2	18.4
5 1	15 48.86	−27 14.4	2.367	3.326	6.3	18.2
5 11	15 40.12	−27 17.8	2.330	3.326	3.4	18.0
5 21	15 30.84	−27 12.3	2.320	3.325	2.6	17.9
5 31	15 21.89	−26 59.6	2.340	3.323	5.1	18.1
6 10	15 14.07	−26 42.8	2.387	3.322	8.1	18.3
6 20	15 7.99	−26 25.0	2.458	3.320	10.8	18.4

316298 2010 RV_{51} 5 16.7 254°.70 0°.7/16.2 18

4 11	15 57.55	−18 16.9	2.714	3.542	10.4	22.2
4 21	15 52.90	−17 57.3	2.613	3.526	7.9	22.0
5 1	15 46.65	−17 33.1	2.537	3.510	5.0	21.8
5 11	15 39.29	−17 5.7	2.488	3.493	1.9	21.5
5 21	15 31.45	−16 37.0	2.468	3.476	1.7	21.5
5 31	15 23.84	−16 9.6	2.477	3.459	5.0	21.7
6 10	15 17.14	−15 46.1	2.514	3.442	8.0	21.9
6 20	15 11.85	−15 28.7	2.575	3.424	10.8	22.0

331540 2000 SC_{349} 5 16.7 259°.35 9°.8/ 9.0 18

4 11	15 59.17	+ 5 35.7	2.043	2.864	13.6	20.6
4 21	15 54.52	+ 7 8.7	1.964	2.845	11.7	20.5
5 1	15 47.85	+ 8 32.3	1.908	2.826	10.2	20.3
5 11	15 39.78	+ 9 39.3	1.876	2.806	9.8	20.2
5 21	15 31.10	+10 23.6	1.869	2.786	10.8	20.3
5 31	15 22.72	+10 41.4	1.886	2.765	12.7	20.3
6 10	15 15.50	+10 32.0	1.924	2.744	15.0	20.4
6 20	15 10.08	+ 9 57.6	1.980	2.723	17.2	20.6

22013 1999 XO_{89} 5 16.7 329°.21 2°.6/18.3 18

4 11	15 58.15	−27 59.3	1.708	2.540	15.4	17.5
4 21	15 54.35	−27 43.1	1.622	2.531	12.1	17.3
5 1	15 48.00	−27 11.5	1.557	2.523	8.3	17.0
5 11	15 39.88	−26 24.7	1.515	2.515	4.3	16.8
5 21	15 31.04	−25 25.2	1.500	2.507	2.9	16.7
5 31	15 22.71	−24 18.1	1.511	2.500	6.5	16.9
6 10	15 15.98	−23 10.2	1.546	2.494	10.6	17.1
6 20	15 11.60	−22 8.0	1.604	2.488	14.4	17.3

261972 2006 PG_{40} 5 16.7 232°.71 4°.3/14.4 17

4 11	16 1.88	−10 15.5	1.789	2.634	14.2	21.7
4 21	15 56.83	− 9 31.6	1.705	2.625	11.0	21.4
5 1	15 49.43	− 8 47.0	1.644	2.615	7.4	21.2
5 11	15 40.39	− 8 5.9	1.608	2.605	4.6	21.0
5 21	15 30.66	− 7 32.9	1.599	2.594	5.3	21.0
5 31	15 21.33	− 7 11.8	1.617	2.583	8.7	21.2
6 10	15 13.42	− 7 5.5	1.659	2.571	12.4	21.4
6 20	15 7.64	− 7 14.6	1.722	2.559	15.8	21.6

248645 2006 HK_4 5 16.7 63°.66 1°.9/15.7 17

4 11	15 59.80	−16 28.6	1.735	2.583	14.5	20.4
4 21	15 55.11	−15 55.6	1.672	2.596	10.9	20.2
5 1	15 48.20	−15 17.9	1.632	2.609	6.9	20.0
5 11	15 39.87	−14 38.4	1.618	2.623	2.8	19.7
5 21	15 31.11	−14 1.1	1.630	2.636	3.0	19.8
5 31	15 22.98	−13 29.9	1.669	2.650	7.0	20.0
6 10	15 16.39	−13 8.1	1.732	2.663	10.8	20.3
6 20	15 11.92	−12 57.8	1.817	2.677	14.1	20.5

213910 2003 UW_{98} 5 16.7 179°.47 3°.9/14.9 17

4 11	16 3.07	−10 35.9	1.774	2.617	14.4	20.4
4 21	15 57.64	−10 5.5	1.699	2.618	11.0	20.2
5 1	15 49.88	− 9 35.3	1.647	2.619	7.3	20.0
5 11	15 40.53	− 9 9.1	1.621	2.619	4.3	19.8
5 21	15 30.59	− 8 50.2	1.622	2.619	4.8	19.8
5 31	15 21.16	− 8 41.9	1.649	2.619	8.2	20.0
6 10	15 13.23	− 8 46.1	1.702	2.618	11.9	20.3
6 20	15 7.47	− 9 3.4	1.775	2.616	15.2	20.5

512560 2016 SA_{21} 5 16.7 257°.42 1°.9/17.7 18

4 11	16 2.19	−24 30.6	2.542	3.352	11.6	21.8
4 21	15 56.71	−24 55.7	2.436	3.335	9.0	21.6
5 1	15 49.23	−25 14.5	2.354	3.317	6.1	21.3
5 11	15 40.32	−25 26.3	2.300	3.299	3.0	21.1
5 21	15 30.70	−25 30.8	2.274	3.280	2.2	21.0
5 31	15 21.24	−25 29.1	2.277	3.262	5.1	21.2
6 10	15 12.81	−25 23.7	2.308	3.242	8.3	21.3
6 20	15 6.07	−25 17.4	2.364	3.223	11.3	21.5

174004 2001 XC_{261} 5 16.7 183°.91 2°.4/14.9 18

4 11	15 57.29	−14 7.8	2.421	3.259	11.2	20.5
4 21	15 52.72	−13 22.6	2.341	3.260	8.5	20.3
5 1	15 46.51	−12 34.2	2.286	3.259	5.4	20.1
5 11	15 39.23	−11 45.8	2.258	3.259	2.8	19.9
5 21	15 31.57	−11 0.6	2.258	3.259	3.2	20.0
5 31	15 24.28	−10 22.1	2.286	3.258	6.1	20.1
6 10	15 18.04	− 9 52.9	2.341	3.257	9.1	20.3
6 20	15 13.33	− 9 34.7	2.420	3.256	11.8	20.5

397683 2008 BC_{45} 5 16.7 71°.26 2°.2/15.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 0.09	−12 46.0	2.163	3.001	12.4	21.0
4 21	15 54.91	−12 39.1	2.099	3.017	9.3	20.8
5 1	15 47.91	−12 31.9	2.058	3.032	6.0	20.6
5 11	15 39.74	−12 26.4	2.045	3.047	2.8	20.5
5 21	15 31.22	−12 24.4	2.059	3.063	3.0	20.5
5 31	15 23.18	−12 27.7	2.102	3.078	6.2	20.7
6 10	15 16.38	−12 37.7	2.170	3.093	9.3	21.0
6 20	15 11.33	−12 55.1	2.262	3.109	12.2	21.2

363745 2004 XN_{169} 5 16.7 193°.74 0°.8/17.1 17

4 11	16 5.34	−21 24.1	1.669	2.504	15.6	21.7
4 21	15 59.76	−21 32.2	1.588	2.503	12.0	21.4
5 1	15 51.44	−21 32.6	1.529	2.501	7.8	21.2
5 11	15 41.18	−21 25.4	1.495	2.499	3.1	20.9
5 21	15 30.11	−21 11.6	1.487	2.497	2.1	20.8
5 31	15 19.54	−20 54.3	1.507	2.494	6.8	21.1
6 10	15 10.70	−20 37.9	1.551	2.491	11.2	21.3
6 20	15 4.36	−20 26.2	1.618	2.487	15.1	21.6

338321 2002 VR_{90} 5 16.7 208°.19 0°.6/17.1 17

4 11	15 59.61	−22 4.5	2.223	3.051	12.5	21.5
4 21	15 54.76	−21 55.7	2.138	3.049	9.5	21.3
5 1	15 47.95	−21 39.4	2.076	3.047	6.1	21.1
5 11	15 39.81	−21 16.6	2.040	3.045	2.4	20.8
5 21	15 31.15	−20 49.0	2.032	3.042	1.6	20.8
5 31	15 22.88	−20 19.5	2.053	3.040	5.4	21.0
6 10	15 15.82	−19 51.7	2.100	3.037	8.9	21.2
6 20	15 10.56	−19 28.8	2.171	3.034	12.0	21.4

112117 2002 JX_{44} 5 16.7 318°.16 0°.8/16.3 18

4 11	15 58.35	−21 1.7	1.325	2.186	17.3	19.1
4 21	15 55.01	−20 16.6	1.244	2.175	13.3	18.8
5 1	15 48.68	−19 17.9	1.184	2.164	8.5	18.5
5 11	15 40.21	−18 8.6	1.147	2.154	3.1	18.2
5 21	15 30.83	−16 54.4	1.134	2.144	2.8	18.1
5 31	15 22.02	−15 43.1	1.146	2.134	8.3	18.4
6 10	15 15.11	−14 42.6	1.181	2.126	13.4	18.7
6 20	15 10.94	−13 58.2	1.234	2.117	17.9	18.9

341231 2007 RG_{156} 5 16.7 256°.87 1°.6/17.7 17

4 11	16 0.48	−24 51.8	2.095	2.919	13.3	21.7
4 21	15 55.67	−24 50.6	2.002	2.909	10.3	21.5
5 1	15 48.66	−24 39.8	1.931	2.898	6.9	21.3
5 11	15 40.12	−24 19.5	1.886	2.888	3.2	21.0
5 21	15 30.90	−23 51.0	1.869	2.877	2.1	20.9
5 31	15 22.04	−23 17.1	1.879	2.867	5.7	21.1
6 10	15 14.48	−22 42.3	1.916	2.856	9.4	21.3
6 20	15 8.89	−22 10.5	1.976	2.845	12.8	21.5

73950 1997 TE_{13} 5 16.7 211°.83 0°.6/16.4 18

4 11	15 59.26	−19 9.7	2.231	3.064	12.2	20.2
4 21	15 54.45	−18 48.8	2.146	3.061	9.3	20.0
5 1	15 47.73	−18 21.9	2.084	3.058	5.9	19.8
5 11	15 39.73	−17 50.8	2.049	3.054	2.2	19.5
5 21	15 31.23	−17 17.8	2.042	3.050	1.9	19.5
5 31	15 23.11	−16 46.1	2.063	3.046	5.6	19.7
6 10	15 16.16	−16 19.1	2.110	3.042	9.1	19.9
6 20	15 10.97	−15 59.4	2.182	3.038	12.2	20.1

475093 2005 UG_{197} 5 16.7 218°.55 0°.8/16.1 17

4 11	15 57.48	−17 33.5	2.880	3.706	9.9	22.7
4 21	15 52.71	−17 13.6	2.786	3.699	7.5	22.5
5 1	15 46.46	−16 49.9	2.718	3.691	4.7	22.3
5 11	15 39.23	−16 23.9	2.678	3.683	1.8	22.1
5 21	15 31.60	−15 57.3	2.667	3.674	1.8	22.1
5 31	15 24.23	−15 32.5	2.685	3.666	4.7	22.3
6 10	15 17.74	−15 11.9	2.731	3.656	7.6	22.4
6 20	15 12.57	−14 57.2	2.802	3.647	10.1	22.6

296819 Artesian 5 16.7 248°.05 0°.9/16.3 18

4 11	16 2.80	−16 48.5	1.945	2.782	13.6	20.8
4 21	15 57.53	−16 49.7	1.853	2.770	10.4	20.5
5 1	15 49.91	−16 47.7	1.784	2.758	6.6	20.3
5 11	15 40.61	−16 43.5	1.740	2.746	2.5	20.0
5 21	15 30.54	−16 38.6	1.725	2.733	2.3	19.9
5 31	15 20.79	−16 35.2	1.737	2.720	6.5	20.2
6 10	15 12.37	−16 36.2	1.775	2.707	10.5	20.4
6 20	15 6.02	−16 43.5	1.835	2.693	14.1	20.6

475648 2006 UJ_{279} 5 16.7 162°.12 1°.3/15.7 17

4 11	15 57.51	−17 37.7	2.491	3.324	11.1	22.0
4 21	15 52.85	−16 56.3	2.410	3.326	8.4	21.8
5 1	15 46.58	−16 9.8	2.355	3.329	5.3	21.6
5 11	15 39.27	−15 20.6	2.327	3.331	2.1	21.4
5 21	15 31.60	−14 31.7	2.327	3.334	2.2	21.4
5 31	15 24.31	−13 46.6	2.357	3.335	5.4	21.6
6 10	15 18.07	−13 8.5	2.413	3.337	8.5	21.8
6 20	15 13.36	−12 39.6	2.493	3.338	11.2	22.0

466520 2014 QJ_{369} 5 16.7 182.°77 0.°8/17.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 5.68	−22 15.1	1.893	2.718	14.4	22.4
4 21	15 59.69	−22 12.6	1.810	2.719	11.1	22.1
5 1	15 51.23	−22 1.7	1.750	2.720	7.2	21.9
5 11	15 41.07	−21 42.6	1.715	2.719	2.9	21.6
5 21	15 30.25	−21 17.0	1.709	2.718	1.9	21.6
5 31	15 19.92	−20 48.2	1.730	2.716	6.2	21.8
6 10	15 11.14	−20 20.4	1.778	2.714	10.3	22.1
6 20	15 4.64	−19 57.8	1.848	2.710	13.8	22.3

474248 2001 SR_{103} 5 16.7 198.°94 1.°9/18.0 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 0.39	−26 22.1	2.670	3.477	11.2	22.2
4 21	15 55.11	−26 25.1	2.578	3.474	8.7	22.1
5 1	15 48.08	−26 19.7	2.510	3.471	5.9	21.9
5 11	15 39.85	−26 5.7	2.469	3.467	3.0	21.7
5 21	15 31.15	−25 44.0	2.456	3.462	2.1	21.6
5 31	15 22.77	−25 16.6	2.473	3.458	4.7	21.8
6 10	15 15.44	−24 46.9	2.517	3.453	7.7	21.9
6 20	15 9.70	−24 18.2	2.586	3.447	10.4	22.1

512622 2016 TU_{39} 5 16.7 211.°10 4.°4/19.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.20	−34 16.1	2.730	3.507	11.7	22.1
4 21	15 55.88	−34 41.4	2.637	3.503	9.6	22.0
5 1	15 48.65	−34 55.0	2.566	3.499	7.3	21.8
5 11	15 40.09	−34 55.3	2.521	3.495	5.2	21.7
5 21	15 30.97	−34 42.0	2.503	3.490	4.4	21.6
5 31	15 22.16	−34 16.5	2.514	3.485	5.6	21.7
6 10	15 14.48	−33 42.4	2.552	3.480	7.9	21.8
6 20	15 8.51	−33 3.8	2.614	3.475	10.3	21.9

506047 2015 KD_{86} 5 16.7 76.°42 4.°8/13.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 57.70	− 9 4.1	1.986	2.834	12.9	21.4
4 21	15 53.21	− 7 50.2	1.926	2.846	9.9	21.2
5 1	15 46.86	− 6 36.6	1.890	2.858	6.9	21.1
5 11	15 39.37	− 5 28.7	1.881	2.871	4.9	21.0
5 21	15 31.56	− 4 31.5	1.898	2.883	5.7	21.0
5 31	15 24.27	− 3 49.0	1.942	2.896	8.3	21.2
6 10	15 18.27	− 3 23.4	2.011	2.908	11.3	21.4
6 20	15 14.04	− 3 15.0	2.101	2.920	13.9	21.6

156503 2002 CD_{151} 5 16.7 182.°19 5.°4/12.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 0.13	− 3 10.5	2.570	3.395	11.0	21.6
4 21	15 54.70	− 2 14.0	2.495	3.396	8.8	21.4
5 1	15 47.70	− 1 21.3	2.446	3.397	6.6	21.3
5 11	15 39.69	− 0 36.6	2.424	3.397	5.4	21.2
5 21	15 31.31	− 0 3.3	2.430	3.395	6.1	21.3
5 31	15 23.29	+ 0 15.9	2.464	3.394	8.0	21.4
6 10	15 16.27	+ 0 20.0	2.523	3.391	10.3	21.5
6 20	15 10.73	+ 0 9.4	2.605	3.387	12.5	21.7

285198 1996 VA_{42} 5 16.7 75.°74 5.°1/14.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 2.14	− 9 11.0	1.453	2.310	16.3	20.7
4 21	15 57.25	− 8 31.4	1.393	2.318	12.5	20.5
5 1	15 49.74	− 7 53.7	1.354	2.327	8.5	20.3
5 11	15 40.51	− 7 22.9	1.339	2.335	5.4	20.1
5 21	15 30.72	− 7 3.7	1.349	2.344	6.0	20.2
5 31	15 21.63	− 6 59.3	1.384	2.352	9.6	20.4
6 10	15 14.33	− 7 11.3	1.442	2.361	13.4	20.6
6 20	15 9.49	− 7 39.0	1.520	2.369	16.9	20.9

418169 2008 BF_{4} 5 16.7 97.°25 2.°9/18.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 5.63	−27 3.9	1.655	2.479	16.2	22.4
4 21	15 59.85	−27 14.1	1.591	2.496	12.6	22.2
5 1	15 51.36	−27 11.2	1.549	2.513	8.6	22.0
5 11	15 41.10	−26 54.7	1.531	2.529	4.5	21.8
5 21	15 30.29	−26 25.7	1.539	2.545	3.2	21.8
5 31	15 20.27	−25 48.4	1.574	2.561	6.6	22.0
6 10	15 12.14	−25 8.6	1.634	2.577	10.6	22.3
6 20	15 6.59	−24 31.7	1.717	2.592	14.1	22.5

323332 2003 UJ_{178} 5 16.8 186.°00 0.°9/17.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 4.30	−23 13.8	1.955	2.779	14.1	22.2
4 21	15 58.58	−23 3.7	1.871	2.779	10.8	22.0
5 1	15 50.49	−22 44.1	1.810	2.779	7.0	21.7
5 11	15 40.80	−22 15.5	1.774	2.778	2.9	21.5
5 21	15 30.48	−21 39.9	1.766	2.776	1.9	21.4
5 31	15 20.65	−21 1.0	1.787	2.773	6.0	21.6
6 10	15 12.32	−20 23.4	1.834	2.770	10.0	21.9
6 20	15 6.16	−19 51.4	1.904	2.766	13.4	22.1

275009 2009 UC_{3} 5 16.8 190.°85 7.°1/21.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 6.26	−39 46.7	2.111	2.871	15.2	20.5
4 21	16 0.42	−40 21.1	2.023	2.870	12.9	20.3
5 1	15 51.85	−40 37.4	1.956	2.869	10.3	20.1
5 11	15 41.35	−40 31.8	1.913	2.868	8.1	20.0
5 21	15 30.06	−40 3.2	1.895	2.865	7.1	19.9
5 31	15 19.32	−39 13.6	1.903	2.863	8.0	19.9
6 10	15 10.29	−38 8.9	1.937	2.860	10.3	20.1
6 20	15 3.79	−36 56.8	1.995	2.857	12.9	20.2

62598 2000 SW_{313} 5 16.8 330.°06 10.°4/21.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 1.49	−41 1.2	1.481	2.272	19.3	17.9
4 21	15 58.14	−42 10.0	1.395	2.257	16.8	17.7
5 1	15 51.13	−42 57.1	1.327	2.243	13.9	17.5
5 11	15 41.29	−43 15.4	1.279	2.230	11.5	17.3
5 21	15 30.03	−43 0.7	1.252	2.218	10.4	17.2
5 31	15 19.25	−42 13.7	1.247	2.206	11.4	17.2
6 10	15 10.73	−41 2.0	1.264	2.196	13.9	17.3
6 20	15 5.64	−39 36.3	1.301	2.186	17.1	17.5

119451 2001 TJ_{175} 5 16.8 61.°40 0.°1/16.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 0.86	−21 50.2	1.561	2.407	15.9	19.3
4 21	15 56.28	−21 24.1	1.495	2.417	12.1	19.1
5 1	15 49.12	−20 47.7	1.451	2.427	7.7	18.9
5 11	15 40.28	−20 2.9	1.431	2.437	2.9	18.6
5 21	15 30.91	−19 13.7	1.437	2.447	2.1	18.6
5 31	15 22.24	−18 25.1	1.469	2.458	6.8	18.9
6 10	15 15.34	−17 42.8	1.526	2.468	11.2	19.2
6 20	15 10.86	−17 10.7	1.604	2.479	14.9	19.4

332905 2011 BQ_{63} 5 16.8 151.°72 9.°1/11.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 0.21	+ 2 51.6	1.792	2.625	14.7	20.7
4 21	15 55.36	+ 3 57.7	1.730	2.627	12.2	20.5
5 1	15 48.37	+ 4 52.9	1.691	2.628	10.1	20.4
5 11	15 39.99	+ 5 30.5	1.676	2.629	9.1	20.3
5 21	15 31.12	+ 5 45.9	1.685	2.630	9.9	20.4
5 31	15 22.77	+ 5 36.5	1.718	2.631	11.9	20.5
6 10	15 15.83	+ 5 3.2	1.773	2.632	14.4	20.7
6 20	15 10.90	+ 4 9.0	1.847	2.632	16.8	20.8

255775 2006 RS_{82} 5 16.8 314.°00 0.°5/16.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 58.94	−21 27.3	1.315	2.175	17.5	20.7
4 21	15 55.74	−21 21.9	1.226	2.155	13.6	20.4
5 1	15 49.37	−21 5.8	1.157	2.135	8.8	20.1
5 11	15 40.58	−20 39.9	1.110	2.116	3.5	19.7
5 21	15 30.58	−20 6.6	1.087	2.097	2.4	19.6
5 31	15 20.95	−19 30.6	1.088	2.079	8.1	19.8
6 10	15 13.19	−18 58.5	1.111	2.061	13.5	20.1
6 20	15 8.32	−18 35.5	1.153	2.045	18.3	20.3

331763 2002 XG_{81} 5 16.8 117.°05 1.°5/17.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 4.77	−23 57.0	1.919	2.742	14.3	20.7
4 21	15 58.84	−24 3.6	1.850	2.757	11.0	20.5
5 1	15 50.59	−24 1.1	1.804	2.772	7.2	20.3
5 11	15 40.81	−23 49.5	1.784	2.786	3.2	20.1
5 21	15 30.54	−23 29.9	1.791	2.800	2.1	20.0
5 31	15 20.88	−23 5.5	1.826	2.813	5.9	20.3
6 10	15 12.81	−22 40.4	1.888	2.826	9.6	20.6
6 20	15 6.96	−22 18.6	1.972	2.838	12.9	20.8

283480 2001 RT_{64} 5 16.8 186.°40 5.°0/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.60	−34 31.6	2.223	3.010	13.8	20.5
4 21	15 56.55	−34 53.3	2.137	3.010	11.3	20.3
5 1	15 49.23	−35 0.6	2.073	3.010	8.5	20.2
5 11	15 40.35	−34 51.5	2.034	3.010	6.0	20.0
5 21	15 30.84	−34 25.9	2.021	3.010	5.0	19.9
5 31	15 21.78	−33 46.1	2.035	3.010	6.5	20.0
6 10	15 14.15	−32 57.1	2.075	3.010	9.1	20.2
6 20	15 8.60	−32 4.5	2.139	3.009	11.9	20.4

338155 2002 QU_{146} 5 16.8 146.°89 1.°3/16.0 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 59.82	−16 47.9	2.082	2.921	12.8	21.1
4 21	15 54.94	−16 30.0	2.005	2.923	9.7	20.9
5 1	15 48.07	−16 8.1	1.951	2.926	6.1	20.7
5 11	15 39.88	−15 44.0	1.923	2.928	2.4	20.4
5 21	15 31.21	−15 20.2	1.923	2.930	2.4	20.4
5 31	15 22.96	−14 59.8	1.950	2.932	6.1	20.7
6 10	15 15.98	−14 45.4	2.004	2.934	9.6	20.9
6 20	15 10.85	−14 39.3	2.080	2.935	12.8	21.1

501130 2013 TW_{32} 5 16.8 195.°62 0.°8/16.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.38	−18 26.6	2.536	3.360	11.2	23.0
4 21	15 55.81	−17 59.3	2.446	3.357	8.5	22.9
5 1	15 48.50	−17 26.7	2.380	3.353	5.4	22.6
5 11	15 40.03	−16 50.4	2.343	3.348	2.0	22.4
5 21	15 31.11	−16 12.8	2.334	3.342	1.9	22.4
5 31	15 22.53	−15 37.0	2.356	3.336	5.3	22.6
6 10	15 15.02	−15 5.9	2.405	3.329	8.5	22.8
6 20	15 9.11	−14 42.2	2.478	3.321	11.3	23.0

105581 2000 RW_{80} 5 16.8 216.°07 4.°5/19.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.47	−34 8.4	2.554	3.335	12.4	20.1
4 21	15 56.22	−34 30.9	2.461	3.330	10.1	19.9
5 1	15 48.92	−34 40.8	2.390	3.326	7.6	19.7
5 11	15 40.23	−34 36.7	2.345	3.321	5.4	19.6
5 21	15 30.94	−34 18.1	2.328	3.316	4.5	19.5
5 31	15 22.00	−33 46.8	2.338	3.311	5.9	19.6
6 10	15 14.26	−33 6.9	2.375	3.306	8.3	19.8
6 20	15 8.36	−32 22.9	2.436	3.300	10.8	19.9

53921 2000 GC_{25} 5 16.8 329°.30 1°.3/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 57.84	−18 3.7	1.904	2.749	13.5	18.8
4 21	15 53.67	−17 30.7	1.823	2.745	10.2	18.6
5 1	15 47.38	−16 51.3	1.765	2.741	6.5	18.3
5 11	15 39.66	−16 8.0	1.732	2.738	2.5	18.1
5 21	15 31.39	−15 24.3	1.727	2.734	2.5	18.0
5 31	15 23.56	−14 44.4	1.748	2.731	6.5	18.3
6 10	15 17.06	−14 12.4	1.795	2.728	10.4	18.5
6 20	15 12.51	−13 50.9	1.864	2.725	13.7	18.7

335616 2006 FG_{33} 5 16.8 20°.21 2°.2/15.4 17

4 11	15 57.70	−16 53.4	1.707	2.560	14.5	20.4
4 21	15 53.68	−16 0.5	1.636	2.562	10.9	20.2
5 1	15 47.41	−15 0.9	1.587	2.565	6.9	20.0
5 11	15 39.67	−13 58.6	1.564	2.568	3.0	19.7
5 21	15 31.42	−12 58.5	1.567	2.572	3.4	19.8
5 31	15 23.72	−12 6.2	1.596	2.576	7.4	20.0
6 10	15 17.51	−11 25.9	1.650	2.580	11.3	20.2
6 20	15 13.40	−11 0.2	1.725	2.584	14.8	20.5

455426 2003 MT_{9} 5 16.8 50°.53 0°.2/16.7 15

4 11	16 29.11	−21 46.7	1.992	2.768	15.5	23.2
4 21	16 15.54	−21 7.1	1.973	2.857	11.5	23.1
5 1	16 0.09	−20 17.8	1.981	2.943	7.1	23.0
5 11	15 43.99	−19 21.3	2.022	3.026	2.6	22.8
5 21	15 28.54	−18 21.9	2.097	3.106	1.9	22.9
5 31	15 14.83	−17 24.9	2.207	3.183	5.9	23.3
6 10	15 3.58	−16 35.1	2.347	3.258	9.3	23.6
6 20	14 55.08	−15 55.6	2.513	3.331	12.0	23.9

289221 2004 XL_{41} 5 16.8 135°.20 0°.5/16.5 17

4 11	16 5.33	−18 58.4	1.731	2.567	15.1	21.4
4 21	15 59.44	−18 49.4	1.662	2.579	11.4	21.2
5 1	15 51.06	−18 34.1	1.615	2.589	7.2	20.9
5 11	15 41.03	−18 13.9	1.594	2.599	2.7	20.7
5 21	15 30.45	−17 51.2	1.599	2.609	2.2	20.7
5 31	15 20.51	−17 29.4	1.633	2.618	6.7	21.0
6 10	15 12.25	−17 12.3	1.691	2.626	10.8	21.2
6 20	15 6.35	−17 2.8	1.772	2.634	14.3	21.5

152524 2006 UZ_{67} 5 16.8 196°.89 1°.8/15.9 18

4 11	16 3.94	−14 57.5	1.900	2.737	13.9	20.5
4 21	15 58.31	−14 50.3	1.818	2.735	10.6	20.3
5 1	15 50.36	−14 40.7	1.758	2.732	6.7	20.0
5 11	15 40.80	−14 30.5	1.725	2.729	2.8	19.8
5 21	15 30.59	−14 21.8	1.720	2.726	2.9	19.8
5 31	15 20.80	−14 17.1	1.742	2.722	6.8	20.0
6 10	15 12.44	−14 18.9	1.790	2.718	10.7	20.2
6 20	15 6.19	−14 28.8	1.861	2.713	14.2	20.4

469816 2005 SZ_{144} 5 16.8 189°.93 0°.6/17.2 17

4 11	15 58.90	−21 58.4	2.839	3.656	10.3	22.6
4 21	15 53.84	−21 55.4	2.749	3.655	7.9	22.5
5 1	15 47.22	−21 46.7	2.685	3.654	5.1	22.3
5 11	15 39.57	−21 32.9	2.648	3.652	2.0	22.1
5 21	15 31.51	−21 15.2	2.640	3.650	1.3	22.0
5 31	15 23.74	−20 55.5	2.662	3.647	4.4	22.2
6 10	15 16.90	−20 36.4	2.711	3.644	7.3	22.4
6 20	15 11.49	−20 20.1	2.786	3.641	9.9	22.6

151163 2001 XU_{137} 5 16.8 160°.43 1°.4/16.0 17

4 11	16 1.18	−17 6.4	1.874	2.715	13.9	20.5
4 21	15 56.19	−16 43.2	1.797	2.717	10.5	20.3
5 1	15 48.97	−16 15.0	1.744	2.719	6.6	20.1
5 11	15 40.27	−15 44.0	1.716	2.721	2.6	19.8
5 21	15 31.01	−15 13.2	1.716	2.723	2.6	19.8
5 31	15 22.25	−14 46.2	1.742	2.725	6.6	20.1
6 10	15 14.92	−14 26.5	1.795	2.726	10.5	20.3
6 20	15 9.66	−14 16.4	1.869	2.727	13.9	20.5

140378 2001 TQ_{39} 5 16.8 64°.32 2°.9/18.0 18

4 11	16 4.56	−25 46.5	2.113	2.927	13.5	19.0
4 21	15 58.64	−26 33.3	2.045	2.943	10.5	18.9
5 1	15 50.48	−27 12.0	2.000	2.960	7.2	18.7
5 11	15 40.82	−27 41.0	1.981	2.976	4.0	18.5
5 21	15 30.60	−27 59.3	1.990	2.993	3.1	18.5
5 31	15 20.88	−28 8.3	2.027	3.010	5.8	18.7
6 10	15 12.61	−28 10.7	2.091	3.027	9.0	18.9
6 20	15 6.41	−28 10.2	2.178	3.043	11.9	19.1

199477 2006 DV_{66} 5 16.8 27°.59 7°.1/12.3 17

4 11	15 56.62	− 6 9.2	1.553	2.414	15.2	19.5
4 21	15 52.90	− 4 36.5	1.497	2.421	11.9	19.3
5 1	15 46.92	− 3 6.6	1.463	2.428	8.8	19.2
5 11	15 39.49	− 1 47.3	1.453	2.435	7.1	19.1
5 21	15 31.61	− 0 45.6	1.468	2.443	8.2	19.1
5 31	15 24.36	− 0 6.3	1.507	2.452	11.0	19.3
6 10	15 18.63	+ 0 8.7	1.568	2.461	14.1	19.5
6 20	15 15.03	+ 0 0.7	1.648	2.470	17.0	19.8

80727 2000 CW_{27} 5 16.8 41°.14 1°.4/17.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 1.23	−23 43.4	1.371	2.221	17.5	19.4
4 21	15 56.96	−23 38.6	1.309	2.231	13.4	19.2
5 1	15 49.75	−23 21.6	1.268	2.242	8.7	19.0
5 11	15 40.60	−22 53.3	1.249	2.253	3.7	18.7
5 21	15 30.80	−22 16.4	1.255	2.265	2.4	18.6
5 31	15 21.80	−21 36.0	1.286	2.277	7.2	19.0
6 10	15 14.81	−20 58.4	1.340	2.289	11.8	19.3
6 20	15 10.55	−20 28.4	1.415	2.302	15.8	19.5

74629 1999 RB_{45} 5 16.8 220°.31 1°.0/17.3 18

4 11	16 4.24	−23 12.5	2.002	2.825	13.8	20.6
4 21	15 58.63	−23 6.2	1.908	2.816	10.7	20.3
5 1	15 50.63	−22 50.8	1.836	2.805	7.0	20.1
5 11	15 40.94	−22 26.4	1.791	2.795	2.9	19.8
5 21	15 30.50	−21 54.6	1.773	2.783	1.9	19.7
5 31	15 20.43	−21 18.8	1.784	2.771	6.0	19.9
6 10	15 11.77	−20 43.4	1.821	2.758	10.0	20.2
6 20	15 5.25	−20 12.8	1.882	2.744	13.6	20.3

518863 2010 DM_{73} 5 16.8 149°.97 3°.3/14.4 17

4 11	16 0.06	−12 26.9	2.170	3.008	12.3	21.9
4 21	15 54.93	−11 28.8	2.098	3.016	9.3	21.7
5 1	15 47.97	−10 28.4	2.051	3.023	6.1	21.5
5 11	15 39.85	− 9 29.5	2.032	3.030	3.6	21.4
5 21	15 31.36	− 8 36.5	2.040	3.036	4.2	21.4
5 31	15 23.35	− 7 53.2	2.077	3.042	7.1	21.6
6 10	15 16.56	− 7 22.5	2.139	3.047	10.2	21.8
6 20	15 11.51	− 7 5.6	2.224	3.052	13.0	22.0

382807 2003 UB_{192} 5 16.8 180°.20 2°.1/17.9 18

4 11	16 2.83	−25 40.3	2.422	3.231	12.1	21.3
4 21	15 57.15	−25 56.6	2.335	3.232	9.4	21.1
5 1	15 49.48	−26 4.7	2.271	3.233	6.4	20.9
5 11	15 40.46	−26 4.1	2.234	3.233	3.3	20.7
5 21	15 30.89	−25 55.2	2.226	3.232	2.3	20.6
5 31	15 21.67	−25 39.8	2.247	3.232	5.1	20.8
6 10	15 13.65	−25 21.1	2.295	3.231	8.3	21.0
6 20	15 7.43	−25 2.6	2.368	3.229	11.2	21.2

304663 2006 WL_{59} 5 16.8 112°.34 1°.5/17.6 18

4 11	16 0.63	−23 25.5	2.307	3.128	12.3	20.9
4 21	15 55.53	−23 41.8	2.224	3.130	9.5	20.7
5 1	15 48.48	−23 51.4	2.165	3.132	6.2	20.5
5 11	15 40.09	−23 54.0	2.132	3.134	2.8	20.3
5 21	15 31.17	−23 50.2	2.128	3.136	1.9	20.3
5 31	15 22.61	−23 41.8	2.151	3.138	5.2	20.5
6 10	15 15.25	−23 31.6	2.202	3.140	8.5	20.7
6 20	15 9.67	−23 22.5	2.276	3.142	11.4	20.9

499715 2011 AA_{66} 5 16.8 101°.38 6°.6/13.5 17

4 11	16 2.40	− 2 50.9	1.853	2.690	14.2	21.7
4 21	15 56.81	− 2 2.6	1.800	2.708	11.2	21.5
5 1	15 49.18	− 1 21.5	1.770	2.725	8.4	21.4
5 11	15 40.29	− 0 52.3	1.766	2.743	6.7	21.3
5 21	15 31.08	− 0 38.6	1.787	2.760	7.3	21.4
5 31	15 22.50	− 0 42.7	1.835	2.776	9.6	21.6
6 10	15 15.39	− 1 4.3	1.907	2.792	12.4	21.8
6 20	15 10.26	− 1 41.6	2.000	2.808	14.9	22.0

273806 2007 FK_{27} 5 16.8 147°.49 2°.1/15.5 17

4 11	16 0.69	−15 52.8	1.866	2.709	13.8	21.8
4 21	15 55.77	−15 14.6	1.792	2.713	10.5	21.6
5 1	15 48.69	−14 31.8	1.741	2.717	6.6	21.4
5 11	15 40.16	−13 47.3	1.716	2.720	2.9	21.1
5 21	15 31.14	−13 5.1	1.719	2.724	3.2	21.2
5 31	15 22.64	−12 29.2	1.748	2.727	7.0	21.4
6 10	15 15.56	−12 3.2	1.803	2.730	10.7	21.6
6 20	15 10.52	−11 49.1	1.880	2.732	14.0	21.9

304664 2006 WK_{69} 5 16.8 134°.74 2°.2/15.3 18

4 11	15 59.92	−11 9.3	2.901	3.726	9.9	21.1
4 21	15 54.40	−11 2.3	2.828	3.739	7.5	21.0
5 1	15 47.47	−10 55.9	2.781	3.751	4.9	20.8
5 11	15 39.65	−10 51.6	2.763	3.762	2.6	20.7
5 21	15 31.53	−10 50.9	2.774	3.773	2.8	20.7
5 31	15 23.75	−10 55.0	2.814	3.784	5.2	20.9
6 10	15 16.90	−11 5.0	2.883	3.795	7.7	21.0
6 20	15 11.38	−11 21.4	2.976	3.804	10.0	21.2

85434 1997 CR_{24} 5 16.8 157°.19 5°.1/13.3 18

4 11	15 57.79	− 4 3.5	2.468	3.302	11.2	20.4
4 21	15 53.04	− 3 21.8	2.398	3.305	8.8	20.3
5 1	15 46.72	− 2 44.3	2.351	3.308	6.5	20.1
5 11	15 39.39	− 2 14.6	2.331	3.310	5.1	20.1
5 21	15 31.71	− 1 55.8	2.339	3.313	5.7	20.1
5 31	15 24.39	− 1 49.8	2.374	3.315	7.7	20.2
6 10	15 18.08	− 1 57.6	2.434	3.317	10.1	20.4
6 20	15 13.25	− 2 18.7	2.517	3.319	12.4	20.5

33009 1997 EM_{28} 5 16.8 67°.80 0°.3/16.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 58.85	−21 7.7	2.198	3.029	12.4	20.6
4 21	15 54.12	−20 58.1	2.126	3.040	9.4	20.4
5 1	15 47.51	−20 42.0	2.078	3.051	6.0	20.2
5 11	15 39.70	−20 20.5	2.056	3.062	2.3	20.0
5 21	15 31.49	−19 55.5	2.063	3.072	1.6	19.9
5 31	15 23.74	−19 29.9	2.097	3.083	5.3	20.2
6 10	15 17.24	−19 6.9	2.157	3.094	8.7	20.4
6 20	15 12.50	−18 49.2	2.242	3.106	11.6	20.6

508951 2004 TC_{20} 5 16.8 264°.00 9°.7/10.4 18

4 11	16 5.52	+10 25.0	2.395	3.179	13.0	22.7
4 21	15 59.19	+11 14.3	2.297	3.148	11.4	22.5
5 1	15 50.84	+11 50.7	2.222	3.116	10.1	22.4
5 11	15 41.02	+12 8.4	2.172	3.083	9.7	22.3
5 21	15 30.47	+12 3.1	2.148	3.049	10.3	22.2
5 31	15 20.10	+11 32.5	2.149	3.015	11.9	22.3
6 10	15 10.77	+10 37.4	2.174	2.979	14.0	22.4
6 20	15 3.14	+ 9 20.7	2.220	2.943	16.1	22.4

346064 2007 UH_{82} 5 16.8 249°.02 0°.4/17.0 17

4 11	15 59.52	−21 42.7	2.168	2.998	12.6	21.5
4 21	15 54.82	−21 30.2	2.079	2.991	9.7	21.3
5 1	15 48.09	−21 10.1	2.012	2.984	6.2	21.1
5 11	15 39.97	−20 43.4	1.972	2.976	2.4	20.8
5 21	15 31.28	−20 12.1	1.959	2.969	1.6	20.7
5 31	15 22.94	−19 39.3	1.974	2.961	5.5	21.0
6 10	15 15.82	−19 8.8	2.016	2.953	9.2	21.2
6 20	15 10.54	−18 43.9	2.081	2.945	12.4	21.4

343540 2010 FZ_3 5 16.8 184°.40 0°.1/16.7 18

4 11	16 1.11	−19 29.9	2.143	2.974	12.7	21.2
4 21	15 55.96	−19 27.1	2.060	2.974	9.7	21.0
5 1	15 48.78	−19 19.0	2.001	2.974	6.2	20.8
5 11	15 40.22	−19 6.4	1.968	2.973	2.3	20.5
5 21	15 31.11	−18 51.1	1.963	2.973	1.7	20.4
5 31	15 22.39	−18 35.4	1.987	2.972	5.6	20.7
6 10	15 14.94	−18 22.5	2.037	2.971	9.2	20.9
6 20	15 9.35	−18 14.7	2.110	2.970	12.4	21.1

384019 2008 UL_{92} 5 16.8 217°.10 2°.0/15.7 18

4 11	16 2.26	−13 24.8	2.313	3.143	11.9	21.5
4 21	15 56.70	−13 18.8	2.222	3.136	9.1	21.3
5 1	15 49.21	−13 12.0	2.156	3.128	5.8	21.1
5 11	15 40.38	−13 5.9	2.117	3.120	2.7	20.9
5 21	15 30.98	−13 2.3	2.107	3.111	2.8	20.9
5 31	15 21.88	−13 3.1	2.125	3.102	6.1	21.1
6 10	15 13.89	−13 10.1	2.171	3.092	9.4	21.3
6 20	15 7.63	−13 24.4	2.240	3.082	12.4	21.4

146877 2002 BQ_{25} 5 16.8 137°.38 0°.1/16.7 18

4 11	15 57.93	−20 38.0	2.571	3.397	11.0	20.4
4 21	15 53.18	−20 14.8	2.491	3.403	8.3	20.2
5 1	15 46.83	−19 45.5	2.436	3.409	5.3	20.0
5 11	15 39.44	−19 11.6	2.409	3.414	1.9	19.8
5 21	15 31.70	−18 35.2	2.410	3.419	1.5	19.8
5 31	15 24.34	−17 59.4	2.440	3.425	4.8	20.0
6 10	15 18.02	−17 27.0	2.497	3.430	7.9	20.2
6 20	15 13.21	−17 0.7	2.579	3.434	10.6	20.4

457698 2009 ED_{17} 5 16.8 53°.75 4°.6/15.1 17

4 11	16 2.87	−10 56.0	1.225	2.091	18.1	20.9
4 21	15 58.09	−10 23.2	1.177	2.108	13.8	20.7
5 1	15 50.38	− 9 51.6	1.149	2.126	9.1	20.4
5 11	15 40.81	− 9 26.2	1.144	2.144	5.1	20.3
5 21	15 30.75	− 9 11.3	1.163	2.163	5.6	20.4
5 31	15 21.63	− 9 10.3	1.206	2.182	9.7	20.6
6 10	15 14.62	− 9 24.7	1.270	2.201	13.9	20.9
6 20	15 10.38	− 9 53.9	1.355	2.220	17.7	21.2

19219 1993 OH_5 5 16.8 337°.18 0°.5/16.5 18

4 11	15 57.22	−19 9.8	1.948	2.792	13.3	18.3
4 21	15 53.25	−18 54.5	1.864	2.786	10.1	18.0
5 1	15 47.17	−18 33.0	1.803	2.779	6.4	17.8
5 11	15 39.64	−18 6.9	1.767	2.773	2.4	17.5
5 21	15 31.53	−17 38.9	1.758	2.768	2.0	17.5
5 31	15 23.80	−17 12.2	1.776	2.762	6.1	17.7
6 10	15 17.35	−16 50.4	1.819	2.758	9.9	17.9
6 20	15 12.83	−16 36.3	1.885	2.753	13.3	18.1

310340 2011 UJ_{202} 5 16.8 320°.86 1°.7/15.4 16

4 11	15 56.19	−21 2.8	1.822	2.668	14.0	20.1
4 21	15 52.63	−19 32.3	1.725	2.649	10.6	19.9
5 1	15 46.85	−17 46.7	1.652	2.630	6.7	19.6
5 11	15 39.54	−15 50.6	1.606	2.612	2.6	19.3
5 21	15 31.61	−13 50.9	1.587	2.594	3.1	19.3
5 31	15 24.09	−11 56.0	1.597	2.576	7.4	19.5
6 10	15 17.93	−10 14.0	1.632	2.559	11.6	19.7
6 20	15 13.80	− 8 50.4	1.689	2.543	15.3	19.9

303724 2005 QB_{24} 5 16.8 210°.30 4°.1/13.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 56.75	− 8 12.6	2.418	3.258	11.2	21.1
4 21	15 52.35	− 7 23.9	2.341	3.256	8.6	20.9
5 1	15 46.33	− 6 36.1	2.288	3.254	6.0	20.7
5 11	15 39.27	− 5 53.0	2.262	3.252	4.2	20.6
5 21	15 31.83	− 5 17.8	2.264	3.250	4.8	20.6
5 31	15 24.72	− 4 53.7	2.293	3.248	7.2	20.8
6 10	15 18.63	− 4 42.2	2.348	3.245	9.9	21.0
6 20	15 14.01	− 4 43.9	2.425	3.243	12.4	21.1

28065 1998 QZ_{10} 5 16.8 327°.24 1°.5/17.3 18

4 11	15 58.43	−22 14.1	1.240	2.103	18.1	17.1
4 21	15 55.56	−22 27.5	1.155	2.085	14.1	16.8
5 1	15 49.38	−22 31.0	1.090	2.068	9.3	16.5
5 11	15 40.68	−22 24.4	1.047	2.052	4.0	16.1
5 21	15 30.72	−22 8.8	1.027	2.037	2.6	16.0
5 31	15 21.16	−21 47.8	1.030	2.022	8.2	16.3
6 10	15 13.57	−21 27.4	1.054	2.009	13.6	16.5
6 20	15 9.03	−21 12.9	1.098	1.997	18.4	16.8

396739 2003 RV_{19} 5 16.8 272°.41 0°.3/16.9 18

4 11	15 57.76	−21 24.7	2.741	3.563	10.5	21.8
4 21	15 53.18	−21 12.9	2.633	3.542	8.1	21.6
5 1	15 46.94	−20 55.0	2.549	3.520	5.2	21.4
5 11	15 39.55	−20 31.8	2.493	3.497	2.0	21.1
5 21	15 31.62	−20 4.8	2.465	3.475	1.4	21.1
5 31	15 23.87	−19 36.2	2.466	3.452	4.7	21.3
6 10	15 17.02	−19 9.0	2.495	3.429	7.8	21.4
6 20	15 11.60	−18 45.9	2.549	3.405	10.7	21.6

185290 2006 UB_{219} 5 16.8 92°.69 1°.0/15.9 18

4 11	15 54.24	−15 24.1	3.531	4.359	8.3	20.3
4 21	15 49.98	−15 12.4	3.456	4.369	6.2	20.2
5 1	15 44.64	−14 59.0	3.407	4.380	3.9	20.0
5 11	15 38.61	−14 45.2	3.387	4.391	1.6	19.9
5 21	15 32.35	−14 32.4	3.396	4.402	1.7	19.9
5 31	15 26.34	−14 21.9	3.434	4.412	3.9	20.1
6 10	15 21.03	−14 15.3	3.500	4.423	6.2	20.2
6 20	15 16.76	−14 13.3	3.592	4.433	8.2	20.4

388758 2007 XM_{19} 5 16.8 120°.96 0°.5/17.1 17

4 11	16 2.50	−20 23.6	2.400	3.222	11.9	21.1
4 21	15 56.76	−20 39.5	2.325	3.233	9.0	20.9
5 1	15 49.16	−20 50.6	2.274	3.244	5.8	20.7
5 11	15 40.34	−20 57.1	2.250	3.255	2.3	20.5
5 21	15 31.08	−20 59.6	2.255	3.265	1.5	20.4
5 31	15 22.23	−20 59.8	2.290	3.275	5.0	20.7
6 10	15 14.56	−20 59.8	2.351	3.285	8.2	20.9
6 20	15 8.62	−21 1.9	2.438	3.295	11.1	21.1

355233 2007 BN_{92} 5 16.8 256°.54 4°.0/19.6 18

4 11	15 59.86	−32 56.7	2.492	3.282	12.4	21.4
4 21	15 55.04	−33 6.1	2.396	3.274	10.0	21.2
5 1	15 48.22	−33 2.8	2.323	3.266	7.4	21.0
5 11	15 40.04	−32 45.7	2.276	3.258	4.9	20.9
5 21	15 31.29	−32 15.1	2.255	3.250	4.0	20.8
5 31	15 22.88	−31 33.3	2.263	3.241	5.6	20.9
6 10	15 15.66	−30 44.5	2.297	3.233	8.3	21.0
6 20	15 10.25	−29 53.4	2.356	3.225	11.0	21.2

150964 2001 TX_{162} 5 16.8 73°.06 2°.7/18.1 17

4 11	16 3.26	−26 14.7	1.653	2.483	16.0	20.2
4 21	15 58.22	−26 30.5	1.582	2.490	12.4	20.0
5 1	15 50.49	−26 34.5	1.532	2.498	8.4	19.8
5 11	15 40.92	−26 25.8	1.507	2.506	4.3	19.6
5 21	15 30.67	−26 5.5	1.507	2.514	3.1	19.5
5 31	15 21.05	−25 36.7	1.533	2.521	6.6	19.7
6 10	15 13.22	−25 5.0	1.585	2.529	10.7	20.0
6 20	15 7.90	−24 35.4	1.658	2.537	14.3	20.2

244430 2002 QH_{96} 5 16.8 358°.82 1°.3/17.4 17

4 11	16 0.66	−22 51.6	1.849	2.683	14.3	20.7
4 21	15 56.02	−22 59.0	1.769	2.683	11.0	20.5
5 1	15 49.01	−22 58.3	1.711	2.682	7.2	20.2
5 11	15 40.37	−22 49.4	1.679	2.682	3.1	20.0
5 21	15 31.07	−22 33.7	1.673	2.682	2.0	19.9
5 31	15 22.24	−22 14.0	1.694	2.682	6.1	20.2
6 10	15 14.87	−21 54.3	1.740	2.683	10.0	20.4
6 20	15 9.67	−21 38.1	1.809	2.683	13.5	20.6

224357 2005 UP_{112} 5 16.8 125°.67 1°.7/17.5 15

4 11	16 6.32	−23 4.6	2.066	2.883	13.7	21.7
4 21	15 59.98	−23 33.0	1.992	2.896	10.5	21.5
5 1	15 51.36	−23 54.5	1.943	2.909	6.9	21.3
5 11	15 41.21	−24 8.1	1.919	2.921	3.2	21.1
5 21	15 30.49	−24 13.9	1.925	2.933	2.2	21.0
5 31	15 20.29	−24 13.6	1.958	2.944	5.7	21.3
6 10	15 11.56	−24 10.1	2.019	2.955	9.3	21.5
6 20	15 4.97	−24 6.9	2.104	2.965	12.4	21.7

395667 2011 WC_{95} 5 16.8 198°.50 2°.8/14.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 56.77	−11 23.4	2.936	3.768	9.6	21.8
4 21	15 52.11	−10 35.2	2.851	3.765	7.3	21.6
5 1	15 46.09	− 9 45.6	2.792	3.761	4.9	21.4
5 11	15 39.19	− 8 57.6	2.760	3.757	3.0	21.3
5 21	15 31.96	− 8 14.0	2.758	3.752	3.4	21.3
5 31	15 25.02	− 7 37.6	2.786	3.747	5.7	21.5
6 10	15 18.91	− 7 10.4	2.840	3.741	8.2	21.6
6 20	15 14.05	− 6 53.7	2.918	3.735	10.5	21.8

60014 1999 TW_{27} 5 16.8 195°.18 0°.6/17.1 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 3.96	−22 24.8	2.071	2.894	13.4	19.7
4 21	15 58.25	−22 11.5	1.983	2.891	10.3	19.5
5 1	15 50.31	−21 49.6	1.918	2.888	6.7	19.2
5 11	15 40.84	−21 19.7	1.880	2.884	2.6	19.0
5 21	15 30.75	−20 44.0	1.870	2.880	1.7	18.9
5 31	15 21.10	−20 5.9	1.889	2.874	5.8	19.1
6 10	15 12.83	−19 29.7	1.934	2.868	9.7	19.4
6 20	15 6.60	−18 59.3	2.002	2.862	13.0	19.6

498332 2007 VO_{228} 5 16.8 106°.67 6°.4/13.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.31	+ 2 52.8	2.603	3.414	11.3	21.4
4 21	15 55.45	+ 3 19.6	2.550	3.434	9.3	21.3
5 1	15 48.13	+ 3 37.2	2.521	3.454	7.4	21.2
5 11	15 39.91	+ 3 42.5	2.519	3.473	6.4	21.2
5 21	15 31.48	+ 3 33.5	2.544	3.491	6.8	21.3
5 31	15 23.50	+ 3 9.5	2.596	3.510	8.4	21.4
6 10	15 16.59	+ 2 31.2	2.674	3.528	10.3	21.5
6 20	15 11.16	+ 1 40.6	2.774	3.545	12.1	21.7

404489 2013 HF_{23} 5 16.8 34°.02 4°.0/18.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 3.86	−26 51.9	1.249	2.095	19.1	20.6
4 21	15 59.52	−27 26.4	1.185	2.101	15.1	20.3
5 1	15 51.72	−27 46.9	1.139	2.107	10.4	20.1
5 11	15 41.48	−27 50.9	1.115	2.114	5.7	19.8
5 21	15 30.29	−27 38.4	1.115	2.121	4.3	19.7
5 31	15 19.90	−27 13.1	1.139	2.128	8.1	20.0
6 10	15 11.82	−26 41.8	1.185	2.136	12.8	20.3
6 20	15 6.95	−26 11.7	1.251	2.145	17.0	20.5

503517 2016 FE_{9} 5 16.8 296°.39 4°.3/14.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 59.57	−12 24.2	1.427	2.289	16.3	20.7
4 21	15 55.77	−11 33.7	1.343	2.273	12.5	20.5
5 1	15 49.16	−10 39.1	1.281	2.257	8.3	20.2
5 11	15 40.52	− 9 45.8	1.241	2.242	4.8	19.9
5 21	15 30.95	− 8 59.6	1.227	2.226	5.5	19.9
5 31	15 21.78	− 8 26.5	1.236	2.211	9.7	20.1
6 10	15 14.29	− 8 10.7	1.269	2.195	14.3	20.3
6 20	15 9.33	− 8 13.8	1.320	2.181	18.3	20.5

172467 2003 SZ_{22} 5 16.8 219°.76 1°.1/17.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 4.06	−23 50.6	1.903	2.728	14.4	20.6
4 21	15 58.61	−23 37.2	1.811	2.719	11.1	20.4
5 1	15 50.69	−23 13.1	1.741	2.710	7.3	20.1
5 11	15 41.02	−22 38.8	1.697	2.700	3.1	19.8
5 21	15 30.61	−21 56.3	1.680	2.690	2.0	19.7
5 31	15 20.61	−21 9.7	1.692	2.679	6.2	20.0
6 10	15 12.11	−20 24.2	1.729	2.667	10.4	20.2
6 20	15 5.84	−19 44.6	1.790	2.655	14.1	20.4

84866 2003 BR_{8} 5 16.8 8°.74 6°.2/13.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 56.22	− 5 23.3	1.694	2.550	14.4	18.6
4 21	15 52.53	− 4 31.1	1.630	2.552	11.3	18.4
5 1	15 46.71	− 3 43.5	1.589	2.554	8.2	18.2
5 11	15 39.49	− 3 6.0	1.572	2.557	6.3	18.1
5 21	15 31.78	− 2 43.0	1.580	2.561	7.1	18.2
5 31	15 24.58	− 2 37.8	1.613	2.566	9.7	18.3
6 10	15 18.77	− 2 51.2	1.668	2.571	12.9	18.5
6 20	15 14.94	− 3 22.0	1.744	2.577	15.8	18.7

318639 2005 LH_{29} 5 16.8 70°.90 1°.4/16.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 3.65	−16 3.4	1.523	2.373	16.1	20.7
4 21	15 58.56	−16 5.2	1.454	2.378	12.2	20.4
5 1	15 50.73	−16 3.9	1.406	2.383	7.8	20.2
5 11	15 41.04	−16 1.1	1.382	2.388	3.0	19.9
5 21	15 30.64	−15 58.7	1.385	2.393	2.8	19.9
5 31	15 20.86	−15 59.4	1.413	2.398	7.5	20.2
6 10	15 12.85	−16 6.0	1.466	2.403	11.9	20.5
6 20	15 7.38	−16 20.3	1.539	2.409	15.7	20.7

44362 1998 SM_{14} 5 16.8 325°.15 5°.7/14.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 58.80	− 6 19.6	1.701	2.553	14.5	18.1
4 21	15 54.62	− 5 41.8	1.624	2.545	11.4	17.9
5 1	15 48.13	− 5 8.0	1.570	2.537	8.1	17.7
5 11	15 40.06	− 4 42.7	1.540	2.530	5.9	17.5
5 21	15 31.34	− 4 30.3	1.536	2.523	6.5	17.5
5 31	15 23.04	− 4 33.8	1.556	2.516	9.5	17.7
6 10	15 16.15	− 4 54.3	1.600	2.510	12.9	17.9
6 20	15 11.36	− 5 30.8	1.665	2.504	16.1	18.1

356408 2010 SC_{36} 5 16.8 297°.41 1°.5/17.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 57.83	−25 50.5	2.187	3.010	12.8	20.6
4 21	15 53.64	−25 32.1	2.090	2.997	9.9	20.4
5 1	15 47.41	−25 2.6	2.016	2.983	6.6	20.2
5 11	15 39.78	−24 22.7	1.968	2.970	3.1	19.9
5 21	15 31.55	−23 34.3	1.948	2.957	2.0	19.8
5 31	15 23.67	−22 41.3	1.955	2.943	5.4	20.0
6 10	15 16.99	−21 48.2	1.989	2.931	9.0	20.2
6 20	15 12.15	−20 59.7	2.046	2.918	12.3	20.4

39680 1996 PK_{2} 5 16.8 264°.00 9°.0/11.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 59.76	+ 2 9.9	1.869	2.703	14.2	18.5
4 21	15 55.17	+ 3 23.7	1.792	2.688	11.9	18.3
5 1	15 48.41	+ 4 28.9	1.737	2.674	9.8	18.2
5 11	15 40.16	+ 5 18.8	1.706	2.659	9.0	18.1
5 21	15 31.27	+ 5 47.6	1.700	2.645	9.8	18.1
5 31	15 22.75	+ 5 51.9	1.718	2.630	12.0	18.2
6 10	15 15.50	+ 5 31.1	1.758	2.614	14.6	18.3
6 20	15 10.20	+ 4 47.6	1.818	2.599	17.2	18.5

290205 2005 SC_{38} 5 16.8 292°.25 4°.0/18.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.88	−29 54.5	2.196	3.000	13.4	20.8
4 21	15 57.01	−30 30.4	2.090	2.979	10.8	20.5
5 1	15 49.77	−30 56.5	2.006	2.957	7.8	20.3
5 11	15 40.74	−31 10.3	1.947	2.935	5.0	20.1
5 21	15 30.80	−31 10.9	1.916	2.913	4.1	20.0
5 31	15 21.01	−30 59.2	1.911	2.892	6.3	20.1
6 10	15 12.46	−30 38.6	1.933	2.870	9.5	20.2
6 20	15 5.95	−30 13.8	1.978	2.848	12.7	20.4

385857 2006 QZ_{136} 5 16.8 219°.03 0°.4/16.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 59.54	−19 1.0	2.385	3.214	11.7	21.1
4 21	15 54.63	−18 49.7	2.296	3.209	8.9	20.9
5 1	15 47.90	−18 33.4	2.231	3.204	5.6	20.7
5 11	15 39.93	−18 13.3	2.193	3.199	2.1	20.5
5 21	15 31.46	−17 51.2	2.184	3.193	1.7	20.4
5 31	15 23.32	−17 29.7	2.203	3.187	5.3	20.7
6 10	15 16.26	−17 11.6	2.249	3.181	8.6	20.9
6 20	15 10.86	−16 59.3	2.319	3.174	11.6	21.0

458296 2010 UM_{96} 5 16.8 224°.86 4°.5/14.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.82	− 9 51.9	1.809	2.654	14.1	21.5
4 21	15 56.80	− 9 4.3	1.727	2.646	10.9	21.3
5 1	15 49.48	− 8 16.1	1.668	2.638	7.4	21.1
5 11	15 40.57	− 7 31.9	1.635	2.630	4.7	20.9
5 21	15 31.00	− 6 56.3	1.628	2.621	5.4	20.9
5 31	15 21.86	− 6 33.2	1.648	2.612	8.7	21.1
6 10	15 14.11	− 6 25.4	1.693	2.602	12.3	21.3
6 20	15 8.46	− 6 33.4	1.758	2.592	15.6	21.4

55220 2001 RE_{63} 5 16.8 270°.06 4°.5/14.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 58.82	− 6 59.8	2.150	2.990	12.4	19.2
4 21	15 54.15	− 6 29.3	2.070	2.985	9.6	19.0
5 1	15 47.62	− 6 1.8	2.014	2.980	6.7	18.8
5 11	15 39.83	− 5 40.6	1.985	2.975	4.7	18.7
5 21	15 31.55	− 5 28.8	1.982	2.970	5.2	18.7
5 31	15 23.62	− 5 28.8	2.007	2.965	7.8	18.8
6 10	15 16.83	− 5 41.7	2.056	2.960	10.8	19.0
6 20	15 11.74	− 6 7.3	2.128	2.955	13.5	19.2

148441 2000 XG_{31} 5 16.8 143°.22 2°.7/18.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.86	−28 37.5	2.834	3.628	10.9	20.5
4 21	15 56.18	−29 2.2	2.751	3.636	8.6	20.4
5 1	15 48.79	−29 18.4	2.692	3.644	6.1	20.2
5 11	15 40.25	−29 25.3	2.661	3.652	3.6	20.1
5 21	15 31.26	−29 22.9	2.659	3.659	2.8	20.0
5 31	15 22.60	−29 12.6	2.685	3.666	4.7	20.2
6 10	15 14.99	−28 57.1	2.740	3.672	7.3	20.3
6 20	15 8.96	−28 39.5	2.820	3.679	9.7	20.5

418984 2009 KZ_{1} 5 16.8 326°.43 5°.3/15.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 0.96	− 7 34.2	1.163	2.034	18.5	19.6
4 21	15 57.63	− 7 44.0	1.077	2.009	14.6	19.3
5 1	15 50.86	− 8 2.9	1.009	1.985	10.1	19.0
5 11	15 41.35	− 8 35.2	0.963	1.963	6.0	18.7
5 21	15 30.33	− 9 23.5	0.939	1.941	6.2	18.6
5 31	15 19.50	−10 28.8	0.939	1.920	10.8	18.8
6 10	15 10.56	−11 49.9	0.959	1.901	16.1	19.0
6 20	15 4.73	−13 23.8	0.997	1.883	20.9	19.2

390493 2014 AG_{39} 5 16.8 203°.20 5°.5/20.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 4.89	−36 59.0	2.447	3.212	13.2	21.6
4 21	15 59.03	−37 27.3	2.353	3.208	11.0	21.5
5 1	15 50.87	−37 41.0	2.281	3.203	8.6	21.3
5 11	15 41.10	−37 37.7	2.234	3.198	6.4	21.2
5 21	15 30.64	−37 16.4	2.213	3.192	5.5	21.1
5 31	15 20.56	−36 39.1	2.221	3.186	6.7	21.2
6 10	15 11.86	−35 50.1	2.255	3.179	9.0	21.3
6 20	15 5.23	−34 55.1	2.313	3.172	11.5	21.4

95621 2002 GP_{14} 5 16.8 255.°72 11.°5/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 12.66	−47 24.6	2.000	2.716	17.3	19.3
4 21	16 6.52	−49 9.3	1.914	2.710	15.5	19.1
5 1	15 56.55	−50 35.1	1.847	2.703	13.6	19.0
5 11	15 43.50	−51 33.8	1.801	2.697	12.2	18.9
5 21	15 28.76	−51 59.5	1.779	2.690	11.5	18.8
5 31	15 14.28	−51 50.9	1.779	2.683	12.0	18.8
6 10	15 1.95	−51 13.1	1.802	2.677	13.5	18.9
6 20	14 53.08	−50 15.0	1.845	2.670	15.4	19.0

250626 2005 GR_{136} 5 16.8 54.°28 5.°1/14.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 0.28	−10 21.8	1.462	2.321	16.1	21.0
4 21	15 55.93	− 9 21.7	1.398	2.326	12.3	20.8
5 1	15 49.01	− 8 20.9	1.357	2.331	8.4	20.6
5 11	15 40.39	− 7 25.5	1.339	2.335	5.4	20.4
5 21	15 31.20	− 6 41.3	1.346	2.340	6.2	20.5
5 31	15 22.67	− 6 13.2	1.379	2.346	9.7	20.7
6 10	15 15.85	− 6 3.9	1.434	2.351	13.6	20.9
6 20	15 11.42	− 6 13.3	1.508	2.356	17.1	21.2

275131 2009 VO_{67} 5 16.8 113.°95 0.°8/17.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 3.98	−20 43.3	1.829	2.661	14.5	21.1
4 21	15 58.53	−21 4.4	1.752	2.665	11.1	20.8
5 1	15 50.62	−21 19.9	1.698	2.669	7.2	20.6
5 11	15 41.01	−21 29.4	1.669	2.673	2.9	20.3
5 21	15 30.72	−21 33.4	1.667	2.677	1.9	20.3
5 31	15 20.91	−21 33.8	1.693	2.680	6.2	20.6
6 10	15 12.64	−21 33.7	1.745	2.684	10.2	20.8
6 20	15 6.63	−21 36.1	1.819	2.687	13.7	21.0

433032 2012 SQ_{13} 5 16.8 203.°60 1.°1/16.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 59.61	−17 55.3	2.248	3.081	12.1	21.7
4 21	15 54.74	−17 27.1	2.163	3.079	9.2	21.5
5 1	15 47.99	−16 53.6	2.101	3.075	5.8	21.3
5 11	15 39.98	−16 16.8	2.067	3.072	2.2	21.1
5 21	15 31.49	−15 39.4	2.061	3.068	2.2	21.1
5 31	15 23.37	−15 4.7	2.083	3.064	5.8	21.3
6 10	15 16.41	−14 36.1	2.132	3.060	9.2	21.5
6 20	15 11.19	−14 16.0	2.204	3.055	12.3	21.7

463104 2011 UN_{67} 5 16.8 234.°16 3.°1/15.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 3.06	−14 42.2	1.599	2.448	15.5	22.2
4 21	15 58.12	−13 54.9	1.514	2.438	11.8	22.0
5 1	15 50.52	−13 1.8	1.451	2.427	7.7	21.7
5 11	15 41.02	−12 7.1	1.414	2.416	3.8	21.4
5 21	15 30.71	−11 15.8	1.402	2.405	4.3	21.4
5 31	15 20.85	−10 33.3	1.417	2.393	8.5	21.6
6 10	15 12.61	−10 4.4	1.456	2.380	12.9	21.9
6 20	15 6.79	− 9 51.5	1.515	2.367	16.8	22.1

505390 2013 PD_{35} 5 16.8 281.°51 4.°0/18.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 3.59	−29 8.5	1.677	2.498	16.2	22.3
4 21	15 59.02	−29 26.1	1.573	2.473	13.0	22.0
5 1	15 51.42	−29 30.0	1.489	2.448	9.3	21.7
5 11	15 41.47	−29 17.6	1.429	2.423	5.5	21.4
5 21	15 30.30	−28 48.3	1.394	2.397	4.2	21.3
5 31	15 19.34	−28 4.8	1.385	2.371	7.4	21.4
6 10	15 10.03	−27 13.2	1.401	2.345	11.8	21.6
6 20	15 3.39	−26 20.9	1.438	2.319	16.0	21.8

175699 1995 UK_{12} 5 16.8 280.°24 0.°6/17.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 2.30	−21 56.8	1.614	2.455	15.7	20.7
4 21	15 57.87	−21 50.3	1.516	2.434	12.2	20.5
5 1	15 50.58	−21 34.0	1.438	2.412	8.0	20.2
5 11	15 41.13	−21 8.4	1.385	2.390	3.2	19.8
5 21	15 30.60	−20 35.2	1.357	2.367	2.1	19.7
5 31	15 20.33	−19 58.6	1.356	2.345	7.2	19.9
6 10	15 11.65	−19 24.0	1.379	2.322	12.1	20.2
6 20	15 5.50	−18 56.5	1.423	2.299	16.4	20.4

504004 2005 BS_{8} 5 16.8 148.°14 7.°8/22.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 6.29	−42 59.3	2.240	2.980	15.0	21.1
4 21	16 0.42	−43 36.2	2.158	2.985	12.9	20.9
5 1	15 51.87	−43 54.0	2.096	2.990	10.7	20.8
5 11	15 41.49	−43 49.0	2.057	2.995	8.7	20.6
5 21	15 30.42	−43 19.8	2.044	2.999	7.8	20.6
5 31	15 19.94	−42 28.7	2.056	3.003	8.4	20.6
6 10	15 11.20	−41 21.3	2.093	3.007	10.1	20.7
6 20	15 4.94	−40 5.0	2.154	3.010	12.4	20.9

110622 2001 TJ_{151} 5 16.8 44.°84 3.°6/15.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 0.15	−13 5.0	1.424	2.285	16.3	19.0
4 21	15 55.82	−12 26.1	1.369	2.298	12.4	18.8
5 1	15 48.91	−11 45.3	1.335	2.312	8.0	18.6
5 11	15 40.35	−11 7.1	1.324	2.326	4.1	18.4
5 21	15 31.30	−10 36.2	1.339	2.341	4.6	18.5
5 31	15 23.00	−10 16.7	1.379	2.356	8.6	18.7
6 10	15 16.50	−10 11.1	1.441	2.372	12.6	19.0
6 20	15 12.41	−10 20.2	1.524	2.387	16.2	19.3

365216 2009 HM_{41} 5 16.8 329.°25 2.°0/16.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 58.82	−15 20.7	1.188	2.060	18.1	20.2
4 21	15 55.85	−15 21.4	1.107	2.043	14.0	19.9
5 1	15 49.59	−15 19.5	1.046	2.027	9.0	19.5
5 11	15 40.83	−15 17.3	1.006	2.012	3.7	19.2
5 21	15 30.83	−15 17.5	0.989	1.998	3.5	19.1
5 31	15 21.23	−15 23.6	0.995	1.984	9.1	19.4
6 10	15 13.59	−15 38.8	1.023	1.972	14.5	19.6
6 20	15 8.96	−16 5.0	1.068	1.961	19.3	19.9

244500 2002 TE_{93} 5 16.8 13.°18 5.°2/19.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 3.22	−31 48.4	1.859	2.666	15.4	20.5
4 21	15 58.27	−32 35.9	1.780	2.667	12.5	20.3
5 1	15 50.63	−33 10.4	1.722	2.668	9.2	20.1
5 11	15 41.08	−33 28.9	1.687	2.670	6.3	20.0
5 21	15 30.71	−33 29.9	1.679	2.672	5.3	19.9
5 31	15 20.79	−33 15.1	1.696	2.674	7.3	20.0
6 10	15 12.52	−32 49.2	1.739	2.676	10.4	20.2
6 20	15 6.70	−32 18.1	1.804	2.679	13.5	20.4

155746 2000 SX_{67} 5 16.8 283.°41 2.°9/15.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 59.79	−14 15.9	1.775	2.624	14.2	20.6
4 21	15 55.51	−13 37.6	1.680	2.604	10.9	20.4
5 1	15 48.84	−12 54.8	1.607	2.583	7.1	20.1
5 11	15 40.42	−12 10.9	1.560	2.563	3.5	19.8
5 21	15 31.18	−11 30.0	1.539	2.542	4.0	19.8
5 31	15 22.24	−10 56.8	1.545	2.521	7.9	20.0
6 10	15 14.64	−10 35.2	1.575	2.501	12.1	20.2
6 20	15 9.17	−10 27.5	1.626	2.480	15.8	20.4

208702 2002 JC_{23} 5 16.8 13.°33 1.°4/16.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 57.05	−16 14.1	0.929	1.818	20.5	19.4
4 21	15 54.76	−16 25.2	0.878	1.823	15.6	19.1
5 1	15 48.86	−16 32.6	0.845	1.830	9.9	18.8
5 11	15 40.48	−16 38.6	0.831	1.838	3.8	18.5
5 21	15 31.21	−16 45.5	0.839	1.849	3.3	18.5
5 31	15 22.86	−16 56.4	0.868	1.861	9.2	18.9
6 10	15 16.97	−17 14.6	0.916	1.875	14.7	19.2
6 20	15 14.36	−17 41.5	0.982	1.890	19.3	19.5

392131 2009 FG_{69} 5 16.8 38.°31 5.°7/13.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 56.78	− 7 9.5	1.761	2.616	14.0	20.1
4 21	15 52.77	− 6 1.1	1.709	2.631	10.8	19.9
5 1	15 46.75	− 4 55.6	1.680	2.647	7.7	19.8
5 11	15 39.51	− 3 58.8	1.676	2.663	5.8	19.7
5 21	15 31.93	− 3 15.5	1.697	2.680	6.6	19.8
5 31	15 24.95	− 2 49.5	1.744	2.697	9.2	20.0
6 10	15 19.35	− 2 41.9	1.815	2.714	12.2	20.2
6 20	15 15.65	− 2 52.2	1.905	2.732	14.9	20.4

60828 2000 HX_{46} 5 16.8 290.°90 2.°4/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 0.02	−17 47.1	1.348	2.209	17.1	19.2
4 21	15 56.42	−16 53.5	1.259	2.190	13.1	18.9
5 1	15 49.77	−15 48.5	1.190	2.170	8.4	18.5
5 11	15 40.85	−14 36.1	1.145	2.150	3.6	18.2
5 21	15 30.86	−13 22.6	1.125	2.131	4.0	18.2
5 31	15 21.27	−12 15.9	1.128	2.111	9.2	18.4
6 10	15 13.48	−11 23.5	1.155	2.092	14.4	18.6
6 20	15 8.45	−10 49.9	1.200	2.073	19.0	18.8

466303 2013 QX_{34} 5 16.8 300.°03 2.°8/15.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 0.16	−14 59.2	1.448	2.307	16.2	21.2
4 21	15 56.43	−14 31.2	1.352	2.282	12.5	20.9
5 1	15 49.77	−13 58.0	1.278	2.256	8.1	20.6
5 11	15 40.88	−13 22.8	1.226	2.231	3.7	20.2
5 21	15 30.83	−12 50.0	1.200	2.206	4.1	20.2
5 31	15 21.02	−12 24.5	1.198	2.180	8.9	20.4
6 10	15 12.81	−12 11.2	1.219	2.156	13.9	20.6
6 20	15 7.20	−12 12.7	1.260	2.131	18.4	20.8

485940 2012 HF_{25} 5 16.8 190.°28 10.°4/15.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 16.93	+ 4 39.9	1.230	2.055	20.6	21.1
4 21	16 9.28	+ 4 34.5	1.161	2.055	17.1	20.9
5 1	15 57.92	+ 4 6.5	1.111	2.054	13.5	20.7
5 11	15 43.89	+ 3 9.2	1.083	2.053	10.8	20.5
5 21	15 28.75	+ 1 40.6	1.080	2.051	10.9	20.5
5 31	15 14.39	− 0 16.4	1.102	2.049	13.8	20.7
6 10	15 2.44	− 2 34.5	1.147	2.047	17.7	20.9
6 20	14 53.91	− 5 4.8	1.213	2.044	21.4	21.1

1080 Orchis 5 16.8 175.°40 1.°9/17.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 5.43	−25 39.8	2.226	3.035	13.1	17.1
4 21	15 59.27	−25 42.3	2.141	3.039	10.2	16.9
5 1	15 50.94	−25 35.2	2.079	3.041	6.8	16.7
5 11	15 41.13	−25 18.1	2.044	3.043	3.3	16.5
5 21	15 30.76	−24 52.1	2.037	3.044	2.2	16.4
5 31	15 20.84	−24 20.0	2.059	3.045	5.5	16.6
6 10	15 12.28	−23 45.9	2.109	3.044	8.9	16.8
6 20	15 5.73	−23 14.0	2.182	3.043	12.1	17.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
305995 2009 KP_{12}			5 16.8 259°.31		1°.2/16.2 17	
	h m	° ′			°	m
4 11	15 59.83	−15 34.7	2.355	3.189	11.7	20.6
4 21	15 54.90	−15 34.8	2.266	3.182	8.8	20.4
5 1	15 48.12	−15 32.9	2.201	3.175	5.6	20.2
5 11	15 40.09	−15 30.3	2.163	3.168	2.3	19.9
5 21	15 31.51	−15 28.3	2.154	3.161	2.2	19.9
5 31	15 23.22	−15 28.8	2.172	3.154	5.6	20.1
6 10	15 16.00	−15 33.6	2.218	3.147	8.9	20.3
6 20	15 10.43	−15 44.1	2.287	3.139	11.9	20.5
407710 2011 UA_{202}			5 16.8 165°.01		1°.0/16.4 17	
4 11	16 5.61	−17 23.0	1.677	2.516	15.3	21.6
4 21	15 59.88	−17 16.3	1.602	2.520	11.7	21.3
5 1	15 51.53	−17 4.7	1.549	2.524	7.4	21.1
5 11	15 41.40	−16 49.9	1.522	2.527	2.8	20.8
5 21	15 30.58	−16 34.0	1.521	2.530	2.5	20.8
5 31	15 20.33	−16 20.1	1.547	2.532	7.1	21.1
6 10	15 11.76	−16 11.9	1.599	2.533	11.3	21.3
6 20	15 5.61	−16 11.7	1.673	2.534	15.1	21.6
276076 2002 CO_{217}			5 16.8 182°.67		1°.3/16.1 18	
4 11	16 1.32	−16 59.3	2.017	2.854	13.2	20.8
4 21	15 56.24	−16 41.4	1.936	2.854	10.0	20.6
5 1	15 49.05	−16 19.0	1.879	2.854	6.3	20.3
5 11	15 40.44	−15 54.0	1.849	2.854	2.5	20.1
5 21	15 31.28	−15 29.1	1.846	2.853	2.4	20.1
5 31	15 22.56	−15 7.3	1.871	2.853	6.3	20.3
6 10	15 15.15	−14 51.7	1.921	2.852	10.0	20.5
6 20	15 9.69	−14 44.5	1.995	2.850	13.2	20.7
193805 2001 PA_{21}			5 16.8 339°.43		2°.5/15.8 17	
4 11	15 57.84	−16 38.9	1.062	1.942	19.2	19.3
4 21	15 55.24	−16 9.2	0.993	1.933	14.7	19.0
5 1	15 49.22	−15 31.6	0.941	1.924	9.4	18.7
5 11	15 40.69	−14 50.4	0.911	1.917	3.9	18.4
5 21	15 31.06	−14 11.1	0.902	1.910	4.1	18.4
5 31	15 22.07	−13 40.3	0.916	1.904	9.8	18.6
6 10	15 15.27	−13 23.8	0.950	1.900	15.3	18.9
6 20	15 11.63	−13 24.4	1.001	1.896	20.1	19.2
512699 2016 UY_{6}			5 16.8 318°.98		6°.5/19.6 18	
4 11	16 3.78	−35 20.4	2.111	2.895	14.5	20.5
4 21	15 58.72	−36 25.3	2.018	2.885	12.1	20.4
5 1	15 51.00	−37 17.6	1.947	2.876	9.5	20.2
5 11	15 41.30	−37 53.4	1.901	2.867	7.3	20.0
5 21	15 30.60	−38 10.0	1.880	2.858	6.5	19.9
5 31	15 20.15	−38 7.8	1.886	2.849	7.8	20.0
6 10	15 11.16	−37 50.3	1.917	2.841	10.3	20.1
6 20	15 4.49	−37 23.1	1.970	2.833	13.0	20.3
118214 Agnesediboemia			5 16.8 227°.02		1°.3/15.9 18	
4 11	15 58.66	−15 35.6	2.786	3.614	10.2	20.5
4 21	15 53.75	−15 21.3	2.692	3.605	7.7	20.3
5 1	15 47.28	−15 4.4	2.622	3.594	4.9	20.1
5 11	15 39.76	−14 46.6	2.580	3.584	2.1	19.9
5 21	15 31.79	−14 29.4	2.567	3.573	2.1	19.9
5 31	15 24.07	−14 15.1	2.584	3.562	5.0	20.0
6 10	15 17.23	−14 5.5	2.628	3.551	7.9	20.2
6 20	15 11.77	−14 2.3	2.696	3.539	10.6	20.4
11426 Molster			5 16.8 205°.89		3°.8/13.2 18	
4 11	15 56.45	− 6 41.8	3.181	4.009	9.1	19.5
4 21	15 51.81	− 5 49.1	3.096	4.003	7.1	19.4
5 1	15 45.92	− 4 57.5	3.036	3.996	5.1	19.2
5 11	15 39.22	− 4 10.0	3.005	3.989	3.8	19.1
5 21	15 32.20	− 3 29.5	3.004	3.981	4.3	19.2
5 31	15 25.43	− 2 58.4	3.030	3.973	6.2	19.3
6 10	15 19.40	− 2 38.3	3.084	3.964	8.3	19.4
6 20	15 14.52	− 2 29.6	3.161	3.955	10.3	19.5
499740 2011 BJ_{64}			5 16.8 108°.16		8°.1/21.9 17	
4 11	16 10.21	−42 13.5	2.061	2.806	16.0	22.2
4 21	16 3.50	−43 3.7	1.994	2.825	13.7	22.0
5 1	15 53.87	−43 33.9	1.947	2.844	11.2	21.9
5 11	15 42.28	−43 39.9	1.923	2.862	9.1	21.8
5 21	15 30.03	−43 20.0	1.924	2.880	8.1	21.8
5 31	15 18.54	−42 36.7	1.951	2.898	8.8	21.9
6 10	15 9.05	−41 36.6	2.003	2.915	10.6	22.0
6 20	15 2.32	−40 27.5	2.078	2.931	12.9	22.2
96476 1998 HE_{127}			5 16.8 53°.18		4°.1/18.5 18	
4 11	16 4.54	−28 3.8	1.383	2.218	18.2	19.3
4 21	15 59.78	−28 33.5	1.318	2.227	14.4	19.0
5 1	15 51.80	−28 48.7	1.272	2.235	10.0	18.8
5 11	15 41.58	−28 47.1	1.248	2.244	5.7	18.6
5 21	15 30.53	−28 28.8	1.249	2.254	4.3	18.5
5 31	15 20.26	−27 57.8	1.275	2.263	7.7	18.8
6 10	15 12.14	−27 20.6	1.324	2.273	12.0	19.0
6 20	15 7.02	−26 44.3	1.394	2.282	15.9	19.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
114634 2003 EN_{24}			5 16.8 139°.56		0°.5/17.1 18	
	h m	° ′			°	m
4 11	16 4.57	−21 27.8	2.256	3.075	12.6	21.0
4 21	15 58.42	−21 25.0	2.183	3.089	9.6	20.8
5 1	15 50.29	−21 15.5	2.133	3.103	6.1	20.6
5 11	15 40.89	−21 0.0	2.111	3.115	2.4	20.4
5 21	15 31.05	−20 40.0	2.118	3.127	1.6	20.3
5 31	15 21.72	−20 18.0	2.153	3.139	5.3	20.6
6 10	15 13.72	−19 57.3	2.216	3.149	8.7	20.8
6 20	15 7.60	−19 40.9	2.304	3.159	11.7	21.0
347255 2011 KW_{9}			5 16.8 312°.35		1°.5/15.9 17	
4 11	15 57.85	−18 9.2	1.673	2.525	14.7	20.7
4 21	15 54.16	−17 31.9	1.585	2.511	11.2	20.4
5 1	15 48.02	−16 46.5	1.518	2.496	7.2	20.1
5 11	15 40.16	−15 55.9	1.476	2.482	2.8	19.8
5 21	15 31.53	−15 4.4	1.460	2.468	2.9	19.8
5 31	15 23.29	−14 17.0	1.471	2.455	7.4	20.0
6 10	15 16.51	−13 39.0	1.505	2.442	11.7	20.2
6 20	15 11.93	−13 13.8	1.560	2.429	15.6	20.4
408034 2012 FU_{47}			5 16.8 173°.48		1°.3/16.1 17	
4 11	16 3.97	−16 59.9	1.931	2.765	13.8	21.7
4 21	15 58.32	−16 41.3	1.852	2.768	10.5	21.5
5 1	15 50.41	−16 18.1	1.797	2.771	6.6	21.3
5 11	15 40.98	−15 52.0	1.767	2.772	2.6	21.0
5 21	15 30.98	−15 25.9	1.766	2.774	2.5	21.0
5 31	15 21.46	−15 2.9	1.793	2.774	6.5	21.3
6 10	15 13.39	−14 46.3	1.845	2.774	10.4	21.5
6 20	15 7.40	−14 38.6	1.920	2.773	13.7	21.7
992 Swasey			5 16.8 30°.52		2°.3/15.2 18	
4 11	15 57.03	−16 13.7	1.952	2.799	13.1	15.0
4 21	15 52.96	−15 15.2	1.880	2.803	9.9	14.8
5 1	15 46.94	−14 11.0	1.831	2.808	6.3	14.5
5 11	15 39.65	−13 5.0	1.809	2.813	2.9	14.3
5 21	15 31.95	−12 2.1	1.814	2.818	3.4	14.4
5 31	15 24.74	−11 7.0	1.847	2.823	6.9	14.6
6 10	15 18.82	−10 23.6	1.904	2.829	10.4	14.8
6 20	15 14.73	− 9 54.2	1.984	2.834	13.5	15.0
135532 2002 CR_{12}			5 16.8 195°.12		1°.8/17.9 18	
4 11	16 2.40	−25 28.7	3.089	3.887	10.0	19.8
4 21	15 56.52	−25 49.8	2.993	3.884	7.8	19.7
5 1	15 49.03	−26 4.8	2.922	3.880	5.3	19.5
5 11	15 40.43	−26 12.9	2.879	3.876	2.7	19.3
5 21	15 31.36	−26 14.3	2.866	3.872	2.0	19.3
5 31	15 22.51	−26 10.1	2.883	3.866	4.3	19.4
6 10	15 14.56	−26 2.3	2.929	3.861	6.9	19.6
6 20	15 8.02	−25 53.6	3.001	3.854	9.3	19.7
518960 2010 HF_{35}			5 16.8 139°.32		4°.0/18.9 17	
4 11	16 3.71	−30 35.2	2.375	3.169	12.8	21.4
4 21	15 58.08	−31 18.0	2.291	3.172	10.3	21.3
5 1	15 50.27	−31 50.9	2.229	3.175	7.5	21.1
5 11	15 40.96	−32 11.4	2.194	3.178	4.9	20.9
5 21	15 30.98	−32 19.0	2.186	3.180	4.1	20.9
5 31	15 21.35	−32 14.5	2.206	3.183	5.9	21.0
6 10	15 12.99	−32 1.3	2.254	3.185	8.6	21.2
6 20	15 6.57	−31 43.3	2.325	3.188	11.3	21.3
343157 Mindaugas			5 16.8 64°.04		0°.1/16.8 17	
4 11	16 4.36	−17 44.2	2.052	2.882	13.3	20.3
4 21	15 58.43	−18 15.9	1.986	2.899	10.1	20.2
5 1	15 50.39	−18 44.9	1.944	2.916	6.4	20.0
5 11	15 40.95	−19 10.9	1.928	2.933	2.4	19.7
5 21	15 31.03	−19 34.0	1.941	2.951	1.7	19.7
5 31	15 21.62	−19 55.2	1.982	2.968	5.6	20.0
6 10	15 13.62	−20 16.0	2.050	2.985	9.2	20.2
6 20	15 7.61	−20 38.2	2.142	3.003	12.2	20.5
402980 2007 UZ_{141}			5 16.8 237°.92		0°.6/17.4 15	
4 11	15 55.02	−22 45.7	3.888	4.698	7.9	22.5
4 21	15 50.66	−22 37.7	3.784	4.685	6.0	22.3
5 1	15 45.19	−22 25.0	3.705	4.672	3.9	22.2
5 11	15 38.97	−22 8.1	3.655	4.658	1.6	22.0
5 21	15 32.44	−21 48.0	3.635	4.644	1.0	21.9
5 31	15 26.07	−21 26.1	3.644	4.630	3.3	22.1
6 10	15 20.33	−21 4.3	3.683	4.615	5.6	22.2
6 20	15 15.57	−20 44.4	3.747	4.600	7.6	22.3
204904 2007 VS_{80}			5 16.8 209°.78		0°.1/16.9 17	
4 11	16 0.41	−20 27.1	2.232	3.061	12.4	21.3
4 21	15 55.46	−20 19.4	2.146	3.058	9.4	21.1
5 1	15 48.55	−20 5.4	2.083	3.055	6.0	20.9
5 11	15 40.30	−19 46.3	2.047	3.052	2.3	20.6
5 21	15 31.51	−19 23.8	2.039	3.049	1.6	20.6
5 31	15 23.09	−19 0.6	2.059	3.045	5.4	20.8
6 10	15 15.85	−18 39.8	2.106	3.041	9.0	21.0
6 20	15 10.40	−18 24.3	2.176	3.037	12.1	21.2

34832 2001 SU_{234} 5 16.8 253°.99 1°.2/16.2 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 1.60	−18 0.8	1.910	2.748	13.8	20.7
4 21	15 56.76	−17 36.0	1.815	2.733	10.5	20.4
5 1	15 49.59	−17 4.7	1.743	2.718	6.7	20.2
5 11	15 40.76	−16 29.0	1.696	2.702	2.6	19.9
5 21	15 31.16	−15 51.8	1.677	2.686	2.5	19.8
5 31	15 21.89	−15 17.1	1.686	2.669	6.7	20.1
6 10	15 13.95	−14 48.9	1.720	2.652	10.8	20.3
6 20	15 8.08	−14 30.5	1.776	2.635	14.5	20.5

228348 2000 SY_{224} 5 16.8 126°.44 4°.0/14.0 17

4 11	16 0.08	−11 12.9	2.015	2.858	13.0	20.6
4 21	15 55.11	−10 4.7	1.950	2.868	9.9	20.4
5 1	15 48.22	− 8 55.0	1.908	2.878	6.6	20.2
5 11	15 40.13	− 7 48.5	1.893	2.888	4.2	20.1
5 21	15 31.68	− 6 50.1	1.906	2.898	4.9	20.1
5 31	15 23.76	− 6 4.0	1.946	2.907	7.8	20.3
6 10	15 17.13	− 5 33.0	2.011	2.915	10.9	20.5
6 20	15 12.34	− 5 18.0	2.098	2.924	13.7	20.7

272634 2005 WT_{74} 5 16.8 156°.84 5°.8/12.8 17

4 11	16 0.15	− 4 56.7	2.123	2.960	12.6	21.0
4 21	15 55.09	− 3 47.7	2.056	2.966	9.9	20.9
5 1	15 48.19	− 2 41.8	2.014	2.971	7.4	20.7
5 11	15 40.13	− 1 44.3	1.998	2.976	5.9	20.6
5 21	15 31.68	− 0 59.7	2.009	2.981	6.6	20.7
5 31	15 23.69	− 0 31.5	2.047	2.985	8.9	20.8
6 10	15 16.90	− 0 20.9	2.109	2.989	11.6	21.0
6 20	15 11.85	− 0 27.7	2.193	2.992	14.1	21.2

187251 2005 ST_{225} 5 16.8 180°.20 0°.6/16.4 18

4 11	15 58.14	−18 50.0	2.624	3.452	10.8	22.0
4 21	15 53.41	−18 28.9	2.540	3.453	8.1	21.8
5 1	15 47.09	−18 2.9	2.480	3.453	5.1	21.6
5 11	15 39.72	−17 33.6	2.448	3.453	1.9	21.4
5 21	15 31.97	−17 3.1	2.444	3.453	1.7	21.3
5 31	15 24.55	−16 33.9	2.470	3.453	4.9	21.6
6 10	15 18.11	−16 8.8	2.522	3.452	7.9	21.8
6 20	15 13.14	−15 50.0	2.599	3.451	10.6	21.9

481072 2005 QM_{187} 5 16.8 245°.56 0°.6/17.2 16

4 11	15 59.26	−22 19.4	2.720	3.538	10.7	22.5
4 21	15 54.36	−22 10.9	2.617	3.523	8.2	22.3
5 1	15 47.78	−21 56.0	2.539	3.507	5.3	22.1
5 11	15 40.02	−21 35.2	2.488	3.492	2.2	21.8
5 21	15 31.74	−21 9.8	2.465	3.475	1.4	21.8
5 31	15 23.69	−20 42.2	2.473	3.458	4.6	22.0
6 10	15 16.57	−20 15.2	2.507	3.441	7.8	22.1
6 20	15 10.94	−19 51.5	2.567	3.424	10.6	22.3

438652 2008 CW_{181} 5 16.8 25°.94 8°.5/12.4 16

4 11	15 57.14	+ 1 50.6	1.778	2.620	14.5	20.8
4 21	15 53.07	+ 2 46.4	1.728	2.631	11.9	20.6
5 1	15 47.01	+ 3 30.9	1.700	2.643	9.6	20.5
5 11	15 39.70	+ 3 58.5	1.695	2.655	8.5	20.5
5 21	15 32.03	+ 4 5.3	1.715	2.668	9.1	20.5
5 31	15 24.91	+ 3 49.7	1.758	2.681	11.1	20.7
6 10	15 19.16	+ 3 12.7	1.824	2.695	13.5	20.8
6 20	15 15.29	+ 2 17.4	1.909	2.710	15.8	21.0

359852 2011 UF_{382} 5 16.8 179°.82 3°.2/19.4 18

4 11	16 0.70	−32 9.1	3.061	3.841	10.5	22.4
4 21	15 55.30	−32 17.3	2.969	3.842	8.5	22.3
5 1	15 48.27	−32 15.3	2.901	3.843	6.2	22.1
5 11	15 40.17	−32 2.3	2.860	3.843	4.0	22.0
5 21	15 31.66	−31 38.7	2.848	3.843	3.2	21.9
5 31	15 23.46	−31 6.4	2.865	3.842	4.7	22.0
6 10	15 16.25	−30 28.5	2.910	3.841	6.9	22.2
6 20	15 10.52	−29 48.6	2.980	3.840	9.2	22.3

129100 Aaronammons 5 16.8 169°.30 1°.5/17.7 18 A

4 11	16 1.77	−24 18.5	2.019	2.843	13.7	20.0
4 21	15 56.72	−24 17.5	1.937	2.844	10.6	19.8
5 1	15 49.45	−24 7.1	1.878	2.846	7.0	19.6
5 11	15 40.67	−23 47.7	1.844	2.847	3.1	19.3
5 21	15 31.30	−23 20.6	1.838	2.847	2.0	19.2
5 31	15 22.39	−22 49.0	1.860	2.848	5.7	19.5
6 10	15 14.87	−22 17.0	1.908	2.848	9.4	19.7
6 20	15 9.40	−21 48.8	1.979	2.849	12.7	19.9

477693 2010 RM_{97} 5 16.8 289°.20 6°.4/19.9 18

4 11	16 4.18	−36 52.4	2.349	3.119	13.6	21.0
4 21	15 58.93	−37 50.0	2.242	3.098	11.5	20.8
5 1	15 51.14	−38 35.2	2.158	3.077	9.2	20.6
5 11	15 41.42	−39 4.3	2.098	3.057	7.2	20.5
5 21	15 30.67	−39 14.7	2.064	3.036	6.4	20.4
5 31	15 20.04	−39 6.5	2.057	3.015	7.6	20.4
6 10	15 10.69	−38 43.0	2.075	2.995	9.9	20.5
6 20	15 3.49	−38 9.5	2.117	2.974	12.5	20.6

190074 2004 SO_{45} 5 16.8 270°.39 0°.1/16.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 0.54	−22 28.9	1.956	2.788	13.7	20.7
4 21	15 55.98	−21 47.7	1.854	2.768	10.6	20.4
5 1	15 49.12	−20 54.7	1.774	2.747	6.8	20.1
5 11	15 40.60	−19 51.8	1.720	2.726	2.6	19.8
5 21	15 31.34	−18 42.3	1.694	2.704	1.9	19.7
5 31	15 22.39	−17 31.7	1.696	2.682	6.4	20.0
6 10	15 14.77	−16 25.8	1.724	2.660	10.5	20.2
6 20	15 9.19	−15 29.9	1.775	2.637	14.3	20.4

109651 2001 RE_{7} 5 16.8 126°.75 5°.3/13.3 17

4 11	16 0.67	− 7 43.1	1.958	2.800	13.3	20.4
4 21	15 55.57	− 6 28.1	1.896	2.811	10.3	20.2
5 1	15 48.53	− 5 14.3	1.858	2.823	7.3	20.0
5 11	15 40.27	− 4 7.4	1.847	2.834	5.4	19.9
5 21	15 31.65	− 3 12.4	1.863	2.844	6.2	20.0
5 31	15 23.58	− 2 33.4	1.906	2.854	8.8	20.2
6 10	15 16.85	− 2 12.3	1.973	2.864	11.8	20.4
6 20	15 11.98	− 2 9.1	2.062	2.873	14.4	20.6

375889 2009 VJ_{72} 5 16.8 201°.92 2°.1/15.6 18

4 11	16 2.54	−13 31.8	2.384	3.213	11.7	22.2
4 21	15 56.90	−13 13.0	2.295	3.208	8.9	22.0
5 1	15 49.39	−12 52.4	2.231	3.202	5.7	21.8
5 11	15 40.63	−12 32.3	2.194	3.196	2.7	21.6
5 21	15 31.35	−12 14.6	2.186	3.189	2.9	21.6
5 31	15 22.39	−12 2.1	2.207	3.182	6.1	21.8
6 10	15 14.53	−11 56.6	2.256	3.173	9.3	22.0
6 20	15 8.33	−11 59.6	2.328	3.164	12.2	22.2

506855 2007 VH_{49} 5 16.8 185°.08 2°.1/18.0 17

4 11	16 2.27	−25 41.0	2.437	3.247	12.0	22.2
4 21	15 56.82	−25 58.0	2.349	3.247	9.4	22.0
5 1	15 49.40	−26 7.1	2.285	3.246	6.3	21.8
5 11	15 40.65	−26 7.6	2.248	3.246	3.3	21.6
5 21	15 31.34	−25 59.9	2.239	3.245	2.3	21.6
5 31	15 22.36	−25 45.8	2.258	3.243	5.1	21.7
6 10	15 14.55	−25 28.4	2.305	3.242	8.2	21.9
6 20	15 8.50	−25 11.0	2.377	3.240	11.1	22.1

55012 2001 QG_{30} 5 16.8 233°.82 3°.6/18.9 18

4 11	16 2.45	−30 5.1	2.436	3.233	12.4	18.5
4 21	15 57.12	−30 32.9	2.341	3.225	10.0	18.3
5 1	15 49.70	−30 50.5	2.269	3.218	7.2	18.1
5 11	15 40.80	−30 56.5	2.222	3.210	4.5	18.0
5 21	15 31.22	−30 50.5	2.204	3.202	3.7	17.9
5 31	15 21.93	−30 33.9	2.214	3.193	5.6	18.0
6 10	15 13.81	−30 10.0	2.250	3.185	8.5	18.2
6 20	15 7.55	−29 43.1	2.311	3.176	11.3	18.3

242423 2004 HH_{66} 5 16.8 307°.28 7°.2/12.3 18

4 11	15 57.98	− 1 40.4	1.973	2.814	13.3	20.1
4 21	15 53.96	− 0 46.4	1.874	2.782	10.8	19.9
5 1	15 47.83	+ 0 2.5	1.798	2.751	8.5	19.7
5 11	15 40.14	+ 0 40.8	1.747	2.719	7.2	19.5
5 21	15 31.68	+ 1 3.3	1.721	2.687	8.0	19.5
5 31	15 23.38	+ 1 6.4	1.720	2.656	10.5	19.6
6 10	15 16.17	+ 0 48.4	1.743	2.625	13.5	19.7
6 20	15 10.78	+ 0 10.2	1.785	2.593	16.5	19.8

312171 2007 UQ_{115} 5 16.8 159°.86 0°.7/17.2 17

4 11	16 4.50	−22 14.8	1.712	2.545	15.3	21.4
4 21	15 59.09	−22 6.5	1.636	2.550	11.8	21.2
5 1	15 51.09	−21 48.8	1.582	2.553	7.6	21.0
5 11	15 41.33	−21 22.5	1.552	2.557	3.0	20.7
5 21	15 30.90	−20 49.8	1.550	2.560	2.0	20.6
5 31	15 21.06	−20 14.7	1.574	2.562	6.5	20.9
6 10	15 12.89	−19 42.2	1.624	2.564	10.8	21.2
6 20	15 7.13	−19 16.4	1.697	2.566	14.5	21.4

111820 2002 DK_{1} 5 16.8 214°.53 8°.9/ 8.7 18

4 11	15 56.87	+ 9 38.5	2.604	3.403	11.6	19.9
4 21	15 52.41	+10 55.6	2.541	3.399	10.2	19.8
5 1	15 46.44	+12 1.3	2.502	3.395	9.2	19.8
5 11	15 39.51	+12 50.3	2.488	3.391	8.9	19.7
5 21	15 32.22	+13 19.0	2.498	3.386	9.6	19.8
5 31	15 25.25	+13 25.5	2.532	3.381	10.9	19.8
6 10	15 19.22	+13 10.0	2.588	3.376	12.4	19.9
6 20	15 14.57	+12 34.5	2.663	3.371	14.0	20.1

468064 2013 SD_{31} 5 16.8 276°.66 0°.6/17.1 17

4 11	16 2.59	−21 45.7	1.686	2.525	15.3	22.0
4 21	15 58.03	−21 38.6	1.586	2.503	11.9	21.7
5 1	15 50.71	−21 22.4	1.508	2.481	7.7	21.4
5 11	15 41.31	−20 57.2	1.454	2.459	3.1	21.1
5 21	15 30.88	−20 25.1	1.426	2.436	2.0	20.9
5 31	15 20.69	−19 49.8	1.425	2.413	7.0	21.2
6 10	15 12.02	−19 16.6	1.449	2.390	11.7	21.4
6 20	15 5.78	−18 50.1	1.494	2.367	15.9	21.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
42383 2231 *P–L*			5 16.9 114°.72		0°.1/16.9 18	
	h m	° ′			°	m
4 11	16 2.76	−21 16.1	2.147	2.972	12.9	20.3
4 21	15 57.11	−20 57.9	2.080	2.990	9.8	20.1
5 1	15 49.51	−20 32.5	2.036	3.007	6.2	19.9
5 11	15 40.67	−20 1.3	2.019	3.024	2.4	19.7
5 21	15 31.46	−19 26.5	2.031	3.041	1.6	19.7
5 31	15 22.82	−18 51.6	2.071	3.057	5.4	19.9
6 10	15 15.55	−18 20.3	2.138	3.072	8.9	20.2
6 20	15 10.16	−17 55.4	2.229	3.087	11.9	20.4
173982 2001 XM_{140}			5 16.9 134°.76		0°.9/16.2 18	
4 11	15 59.10	−17 39.6	2.655	3.482	10.7	21.5
4 21	15 54.06	−17 19.8	2.580	3.492	8.0	21.3
5 1	15 47.47	−16 56.1	2.530	3.502	5.1	21.2
5 11	15 39.90	−16 30.1	2.507	3.512	1.9	21.0
5 21	15 32.00	−16 3.9	2.513	3.521	1.8	21.0
5 31	15 24.48	−15 39.8	2.549	3.530	4.9	21.2
6 10	15 17.96	−15 20.2	2.612	3.539	7.8	21.4
6 20	15 12.90	−15 7.0	2.699	3.547	10.4	21.6
4591 Bryantsev			5 16.9 218°.14		1°.4/16.0 18	
4 11	16 2.95	−17 1.6	2.154	2.985	12.7	18.8
4 21	15 57.48	−16 36.2	2.061	2.975	9.7	18.6
5 1	15 49.92	−16 5.7	1.992	2.965	6.2	18.3
5 11	15 40.90	−15 32.1	1.950	2.954	2.5	18.1
5 21	15 31.26	−14 58.2	1.936	2.943	2.5	18.0
5 31	15 21.94	−14 27.2	1.950	2.930	6.2	18.3
6 10	15 13.86	−14 2.7	1.991	2.917	9.9	18.5
6 20	15 7.64	−13 47.1	2.056	2.903	13.2	18.6
161386 2003 UB_{28}			5 16.9 214°.06		2°.1/15.5 18 R	
4 11	15 59.84	−14 43.3	2.225	3.062	12.1	20.7
4 21	15 54.99	−14 13.0	2.140	3.057	9.2	20.5
5 1	15 48.25	−13 39.5	2.079	3.052	5.9	20.3
5 11	15 40.25	−13 5.3	2.044	3.047	2.7	20.1
5 21	15 31.74	−12 33.5	2.038	3.042	3.0	20.1
5 31	15 23.58	−12 7.1	2.060	3.036	6.3	20.3
6 10	15 16.57	−11 48.9	2.108	3.030	9.6	20.5
6 20	15 11.27	−11 40.6	2.179	3.024	12.6	20.6
308036 2004 SZ_{32}			5 16.9 186°.37		0°.4/17.0 16	
4 11	16 6.51	−20 31.4	1.756	2.586	15.1	21.5
4 21	16 0.65	−20 36.3	1.674	2.587	11.6	21.3
5 1	15 52.14	−20 34.4	1.614	2.586	7.5	21.0
5 11	15 41.78	−20 26.0	1.580	2.585	2.9	20.8
5 21	15 30.65	−20 12.2	1.574	2.583	1.9	20.7
5 31	15 20.01	−19 56.2	1.594	2.581	6.6	21.0
6 10	15 11.00	−19 41.6	1.641	2.578	10.9	21.2
6 20	15 4.40	−19 32.3	1.710	2.574	14.6	21.4
355176 2006 WA_{48}			5 16.9 283°.88		1°.0/16.1 16	
4 11	15 57.77	−18 52.8	2.187	3.025	12.3	21.3
4 21	15 53.57	−18 15.3	2.092	3.010	9.4	21.1
5 1	15 47.44	−17 30.7	2.020	2.995	5.9	20.9
5 11	15 39.97	−16 41.3	1.975	2.980	2.3	20.6
5 21	15 31.93	−15 50.2	1.958	2.966	2.2	20.6
5 31	15 24.21	−15 1.6	1.968	2.951	5.9	20.8
6 10	15 17.60	−14 19.5	2.005	2.936	9.6	21.0
6 20	15 12.74	−13 47.0	2.065	2.921	12.8	21.2
358002 2006 DW_{69}			5 16.9 332°.80		3°.5/18.1 17	
4 11	15 59.58	−25 56.3	1.149	2.009	19.5	20.2
4 21	15 56.82	−26 22.2	1.071	1.996	15.4	19.9
5 1	15 50.46	−26 34.2	1.012	1.985	10.6	19.6
5 11	15 41.36	−26 30.2	0.973	1.974	5.6	19.3
5 21	15 30.94	−26 10.2	0.956	1.964	3.9	19.1
5 31	15 21.03	−25 38.0	0.962	1.955	8.6	19.4
6 10	15 13.36	−25 1.2	0.989	1.947	13.9	19.6
6 20	15 9.03	−24 27.3	1.035	1.940	18.7	19.9
303846 2005 SW_{182}			5 16.9 98°.51		3°.9/19.1 16	
4 11	16 1.85	−30 57.3	2.390	3.186	12.7	21.4
4 21	15 56.67	−31 28.1	2.306	3.189	10.2	21.2
5 1	15 49.41	−31 48.0	2.245	3.192	7.4	21.0
5 11	15 40.74	−31 55.6	2.210	3.194	4.8	20.9
5 21	15 31.47	−31 50.4	2.202	3.197	3.9	20.8
5 31	15 22.57	−31 34.2	2.221	3.200	5.7	20.9
6 10	15 14.91	−31 10.3	2.268	3.203	8.4	21.1
6 20	15 9.13	−30 43.1	2.338	3.205	11.1	21.3
473045 2015 HM_{81}			5 16.9 210°.09		0°.5/17.2 17	
4 11	16 0.79	−21 36.1	2.202	3.029	12.6	21.8
4 21	15 55.83	−21 30.6	2.115	3.026	9.6	21.6
5 1	15 48.86	−21 18.3	2.052	3.023	6.2	21.3
5 11	15 40.52	−20 59.7	2.015	3.020	2.5	21.1
5 21	15 31.63	−20 36.6	2.006	3.016	1.6	21.0
5 31	15 23.10	−20 11.7	2.026	3.013	5.4	21.3
6 10	15 15.79	−19 48.3	2.072	3.009	9.0	21.5
6 20	15 10.30	−19 29.5	2.141	3.005	12.1	21.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
41229 1999 XB_{19}			5 16.9 257°.12		3°.5/18.4 18	
	h m	° ′			°	m
4 11	16 5.18	−28 9.1	2.135	2.940	13.7	19.4
4 21	15 59.63	−28 46.0	2.032	2.923	10.9	19.2
5 1	15 51.58	−29 13.8	1.951	2.906	7.8	18.9
5 11	15 41.66	−29 30.4	1.896	2.888	4.7	18.7
5 21	15 30.78	−29 34.5	1.869	2.870	3.7	18.6
5 31	15 20.08	−29 27.1	1.870	2.852	6.3	18.7
6 10	15 10.68	−29 11.7	1.897	2.833	9.7	18.9
6 20	15 3.42	−28 52.8	1.948	2.814	13.0	19.1
397016 2005 TV_{72}			5 16.9 253°.06		1°.0/16.3 18	
4 11	16 0.34	−16 9.3	2.672	3.497	10.7	20.8
4 21	15 55.22	−16 8.6	2.569	3.481	8.1	20.6
5 1	15 48.39	−16 5.7	2.491	3.464	5.2	20.4
5 11	15 40.35	−16 1.5	2.441	3.446	2.0	20.2
5 21	15 31.75	−15 57.3	2.421	3.428	1.9	20.1
5 31	15 23.34	−15 54.8	2.429	3.410	5.1	20.3
6 10	15 15.84	−15 55.8	2.465	3.392	8.2	20.5
6 20	15 9.79	−16 1.8	2.526	3.373	11.0	20.6
347390 2012 RV_{34}			5 16.9 282°.10		2°.3/18.1 17	
4 11	16 1.31	−25 55.6	1.941	2.765	14.1	21.3
4 21	15 56.65	−26 5.4	1.852	2.757	11.1	21.0
5 1	15 49.60	−26 4.9	1.785	2.749	7.5	20.8
5 11	15 40.87	−25 53.6	1.742	2.742	3.8	20.6
5 21	15 31.39	−25 32.4	1.727	2.734	2.6	20.5
5 31	15 22.29	−25 3.8	1.739	2.726	6.0	20.7
6 10	15 14.60	−24 32.4	1.776	2.719	9.8	20.9
6 20	15 9.06	−24 2.8	1.836	2.711	13.3	21.1
506493 2003 UZ_{103}			5 16.9 239°.57		2°.6/18.7 18	
4 11	16 2.67	−29 19.3	2.624	3.419	11.7	22.5
4 21	15 57.16	−29 12.5	2.514	3.401	9.3	22.3
5 1	15 49.69	−28 54.4	2.428	3.382	6.5	22.1
5 11	15 40.86	−28 24.6	2.368	3.362	3.7	21.9
5 21	15 31.41	−27 43.9	2.337	3.341	2.7	21.7
5 31	15 22.21	−26 54.9	2.336	3.320	5.0	21.9
6 10	15 14.10	−26 1.7	2.363	3.298	8.1	22.0
6 20	15 7.69	−25 8.9	2.414	3.275	11.0	22.2
84426 2002 TP_{218}			5 16.9 288°.26		1°.1/17.5 18	
4 11	16 0.81	−24 34.2	1.554	2.395	16.2	19.4
4 21	15 56.79	−24 9.3	1.464	2.381	12.6	19.2
5 1	15 49.94	−23 30.2	1.395	2.367	8.3	18.9
5 11	15 41.06	−22 37.7	1.350	2.354	3.5	18.5
5 21	15 31.26	−21 35.0	1.330	2.340	2.2	18.4
5 31	15 21.91	−20 28.0	1.336	2.326	7.1	18.7
6 10	15 14.28	−19 23.9	1.366	2.312	11.9	18.9
6 20	15 9.19	−18 29.3	1.418	2.299	16.1	19.1
162492 2000 QA_{2}			5 16.9 117°.47		13°.2/ 7.8 18	
4 11	16 4.01	+14 5.4	1.846	2.636	16.1	20.2
4 21	15 58.11	+16 8.4	1.817	2.657	14.4	20.1
5 1	15 50.14	+17 50.2	1.810	2.677	13.4	20.1
5 11	15 40.93	+19 2.8	1.825	2.697	13.2	20.1
5 21	15 31.45	+19 41.5	1.863	2.716	13.9	20.2
5 31	15 22.69	+19 45.1	1.921	2.734	15.2	20.3
6 10	15 15.47	+19 16.7	1.998	2.751	16.7	20.5
6 20	15 10.31	+18 21.7	2.091	2.768	18.1	20.7
65968 1998 HV_{17}			5 16.9 184°.37		3°.8/18.7 18	
4 11	16 6.12	−29 13.2	1.762	2.575	15.8	19.5
4 21	16 0.57	−29 33.6	1.680	2.575	12.6	19.3
5 1	15 52.21	−29 40.7	1.618	2.575	8.9	19.1
5 11	15 41.87	−29 32.4	1.582	2.575	5.3	18.9
5 21	15 30.71	−29 8.7	1.571	2.574	4.0	18.8
5 31	15 20.08	−28 32.7	1.588	2.572	6.8	19.0
6 10	15 11.20	−27 50.2	1.629	2.571	10.7	19.2
6 20	15 4.88	−27 7.5	1.694	2.568	14.2	19.4
93195 2000 SV_{112}			5 16.9 190°.96		3°.1/14.7 18 R	
4 11	16 0.29	−12 51.8	2.171	3.009	12.3	20.6
4 21	15 55.32	−11 58.8	2.090	3.008	9.4	20.4
5 1	15 48.46	−11 2.9	2.034	3.006	6.2	20.2
5 11	15 40.36	−10 7.7	2.005	3.004	3.5	20.0
5 21	15 31.80	− 9 17.4	2.004	3.002	4.0	20.1
5 31	15 23.65	− 8 35.9	2.031	2.999	7.0	20.2
6 10	15 16.68	− 8 6.3	2.084	2.995	10.3	20.4
6 20	15 11.45	− 7 50.0	2.159	2.992	13.2	20.6
275700 2000 TL_{66}			5 16.9 183°.13		1°.1/17.5 17	
4 11	16 2.73	−23 31.7	2.220	3.039	12.8	21.8
4 21	15 57.29	−23 27.1	2.135	3.040	9.8	21.6
5 1	15 49.78	−23 14.2	2.073	3.040	6.4	21.4
5 11	15 40.88	−22 53.3	2.037	3.040	2.8	21.2
5 21	15 31.43	−22 25.9	2.029	3.039	1.7	21.1
5 31	15 22.39	−21 55.0	2.051	3.037	5.3	21.3
6 10	15 14.62	−21 24.2	2.099	3.035	8.9	21.5
6 20	15 8.74	−20 57.3	2.171	3.033	12.0	21.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
379290 2009 VH_{37}			5 16.9 186.°89		0.°6/16.6 17	
	h m	° ′			°	m
4 11	16 3.88	−17 24.3	2.085	2.915	13.1	21.6
4 21	15 58.23	−17 28.0	2.001	2.915	10.0	21.4
5 1	15 50.43	−17 28.2	1.941	2.914	6.3	21.2
5 11	15 41.15	−17 25.7	1.908	2.913	2.4	20.9
5 21	15 31.25	−17 22.0	1.903	2.912	2.0	20.9
5 31	15 21.74	−17 18.9	1.926	2.910	5.9	21.1
6 10	15 13.53	−17 19.1	1.976	2.907	9.6	21.3
6 20	15 7.28	−17 24.5	2.049	2.905	12.9	21.5
131503 2001 SS_{279}			5 16.9 164.°75		1.°9/17.8 16	
4 11	16 7.53	−24 32.0	1.775	2.596	15.4	20.9
4 21	16 1.43	−24 42.0	1.696	2.601	11.9	20.6
5 1	15 52.65	−24 41.9	1.640	2.606	7.9	20.4
5 11	15 42.01	−24 31.1	1.609	2.610	3.7	20.2
5 21	15 30.66	−24 10.4	1.605	2.614	2.4	20.1
5 31	15 19.87	−23 43.0	1.629	2.616	6.4	20.3
6 10	15 10.80	−23 13.9	1.679	2.618	10.5	20.6
6 20	15 4.21	−22 47.7	1.752	2.620	14.2	20.8
3645 Fabini			5 16.9 231.°28		1.°7/17.9 18	
4 11	16 1.05	−26 4.2	2.046	2.867	13.6	17.0
4 21	15 56.25	−25 46.4	1.956	2.861	10.6	16.8
5 1	15 49.24	−25 16.9	1.890	2.855	7.1	16.6
5 11	15 40.71	−24 36.0	1.848	2.850	3.3	16.3
5 21	15 31.58	−23 46.1	1.835	2.843	2.1	16.2
5 31	15 22.88	−22 51.1	1.849	2.837	5.7	16.5
6 10	15 15.55	−21 56.2	1.889	2.830	9.4	16.7
6 20	15 10.23	−21 6.3	1.953	2.824	12.8	16.9
8051 Pistoria			5 16.9 213.°98		3.°6/15.0 18	
4 11	16 3.51	−12 52.7	1.707	2.551	14.8	18.7
4 21	15 58.34	−12 7.3	1.625	2.546	11.4	18.5
5 1	15 50.68	−11 18.6	1.566	2.539	7.5	18.2
5 11	15 41.29	−10 30.8	1.532	2.533	4.0	18.0
5 21	15 31.19	− 9 48.4	1.525	2.525	4.6	18.0
5 31	15 21.54	− 9 16.1	1.545	2.517	8.4	18.2
6 10	15 13.43	− 8 57.4	1.589	2.508	12.4	18.4
6 20	15 7.57	− 8 54.0	1.654	2.499	16.0	18.6
443791 2015 MC_{93}			5 16.9 295.°82		4.°4/13.9 16	
4 11	15 57.36	− 9 7.8	2.071	2.917	12.5	21.5
4 21	15 53.25	− 8 15.7	1.989	2.908	9.7	21.2
5 1	15 47.24	− 7 23.6	1.930	2.899	6.7	21.0
5 11	15 39.95	− 6 35.7	1.898	2.890	4.6	20.9
5 21	15 32.13	− 5 56.2	1.892	2.881	5.2	20.9
5 31	15 24.66	− 5 28.8	1.913	2.873	8.0	21.1
6 10	15 18.33	− 5 16.0	1.959	2.864	11.1	21.2
6 20	15 13.72	− 5 18.2	2.026	2.856	14.0	21.4
25723 Shamascharak			5 16.9 189.°36		0.°8/16.3 18	
4 11	16 0.18	−19 29.3	2.356	3.184	11.8	19.2
4 21	15 55.16	−18 51.8	2.270	3.183	9.0	19.0
5 1	15 48.34	−18 7.5	2.209	3.182	5.7	18.8
5 11	15 40.33	−17 18.6	2.175	3.180	2.1	18.5
5 21	15 31.89	−16 28.0	2.169	3.178	1.9	18.5
5 31	15 23.83	−15 39.5	2.193	3.175	5.5	18.8
6 10	15 16.90	−14 56.8	2.244	3.172	8.8	19.0
6 20	15 11.65	−14 22.8	2.318	3.169	11.8	19.1
479042 2013 AS_{37}			5 16.9 205.°82		2.°9/19.0 16	
4 11	16 0.43	−30 16.6	2.577	3.374	11.8	21.7
4 21	15 55.42	−30 17.1	2.485	3.371	9.4	21.5
5 1	15 48.55	−30 6.4	2.416	3.367	6.7	21.4
5 11	15 40.43	−29 44.0	2.373	3.364	4.0	21.2
5 21	15 31.81	−29 10.8	2.359	3.360	3.0	21.1
5 31	15 23.54	−28 29.2	2.372	3.355	5.0	21.2
6 10	15 16.41	−27 43.3	2.413	3.351	7.9	21.4
6 20	15 10.96	−26 57.1	2.479	3.346	10.6	21.6
472772 2015 FY_{134}			5 16.9 41.°32		5.°0/14.1 17	
4 11	15 58.57	− 9 37.5	1.599	2.457	15.0	20.8
4 21	15 54.45	− 8 37.6	1.543	2.468	11.5	20.6
5 1	15 48.07	− 7 38.4	1.508	2.480	7.9	20.4
5 11	15 40.25	− 6 45.6	1.498	2.492	5.2	20.3
5 21	15 31.99	− 6 4.3	1.513	2.505	6.0	20.4
5 31	15 24.36	− 5 38.5	1.553	2.517	9.1	20.6
6 10	15 18.29	− 5 30.4	1.617	2.531	12.6	20.8
6 20	15 14.33	− 5 39.6	1.701	2.544	15.7	21.0
422061 2014 QK_{375}			5 16.9 186.°48		0.°9/16.4 16	
4 11	16 4.69	−18 37.8	1.911	2.742	14.0	22.9
4 21	15 59.00	−18 11.9	1.828	2.743	10.7	22.7
5 1	15 50.98	−17 39.2	1.769	2.742	6.8	22.4
5 11	15 41.38	−17 1.8	1.735	2.741	2.6	22.2
5 21	15 31.16	−16 22.6	1.730	2.738	2.3	22.1
5 31	15 21.42	−15 45.6	1.753	2.736	6.5	22.4
6 10	15 13.15	−15 15.0	1.802	2.732	10.5	22.6
6 20	15 7.01	−14 53.8	1.873	2.728	14.0	22.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2115 Irakli			5 16.9 12.°70		0.°4/17.2 18	
	h m	° ′			°	m
4 11	15 58.28	−23 18.6	2.028	2.860	13.3	15.6
4 21	15 54.05	−22 44.7	1.947	2.861	10.2	15.4
5 1	15 47.77	−22 0.4	1.890	2.862	6.5	15.2
5 11	15 40.15	−21 7.7	1.858	2.863	2.6	14.9
5 21	15 32.05	−20 9.8	1.854	2.864	1.6	14.8
5 31	15 24.42	−19 11.2	1.878	2.866	5.6	15.1
6 10	15 18.11	−18 16.9	1.928	2.868	9.4	15.3
6 20	15 13.68	−17 30.9	2.000	2.869	12.6	15.5
91414 1999 ND_{54}			5 16.9 302.°99		4.°1/19.4 18	
4 11	16 0.22	−32 2.4	1.699	2.515	16.2	18.9
4 21	15 56.33	−31 47.8	1.602	2.498	13.1	18.7
5 1	15 49.67	−31 13.8	1.525	2.480	9.4	18.4
5 11	15 40.99	−30 19.1	1.471	2.463	5.7	18.2
5 21	15 31.43	−29 5.2	1.443	2.446	4.1	18.0
5 31	15 22.31	−27 37.6	1.441	2.429	7.0	18.1
6 10	15 14.88	−26 4.4	1.464	2.412	11.0	18.3
6 20	15 9.97	−24 34.4	1.509	2.396	15.0	18.5
110840 2001 UZ_{71}			5 16.9 108.°42		5.°7/13.0 18	
4 11	15 59.51	− 0 50.7	2.549	3.373	11.2	20.0
4 21	15 54.30	− 0 8.2	2.494	3.391	8.9	19.8
5 1	15 47.61	+ 0 27.7	2.464	3.409	6.9	19.7
5 11	15 40.03	+ 0 53.4	2.460	3.427	5.8	19.7
5 21	15 32.20	+ 1 6.4	2.484	3.444	6.3	19.7
5 31	15 24.80	+ 1 5.0	2.534	3.461	8.0	19.9
6 10	15 18.44	+ 0 49.3	2.610	3.477	10.1	20.0
6 20	15 13.52	+ 0 20.4	2.708	3.493	12.0	20.2
6496 Kazuko			5 16.9 343.°54		4.°8/17.9 18	
4 11	16 4.24	−25 46.0	1.374	2.215	18.0	16.1
4 21	16 0.06	−27 6.1	1.293	2.205	14.3	15.9
5 1	15 52.46	−28 19.6	1.232	2.197	10.1	15.6
5 11	15 42.20	−29 21.7	1.195	2.190	6.1	15.4
5 21	15 30.55	−30 8.1	1.181	2.183	5.1	15.3
5 31	15 19.23	−30 38.0	1.192	2.178	8.5	15.5
6 10	15 9.90	−30 54.7	1.227	2.173	12.9	15.7
6 20	15 3.69	−31 3.5	1.281	2.170	17.0	15.9
336975 2011 KA_{1}			5 16.9 233.°18		2.°5/15.3 17	
4 11	15 59.69	−14 30.0	2.069	2.910	12.8	21.7
4 21	15 55.06	−13 49.6	1.985	2.904	9.7	21.4
5 1	15 48.43	−13 5.5	1.924	2.898	6.3	21.2
5 11	15 40.44	−12 20.7	1.889	2.891	3.1	21.0
5 21	15 31.91	−11 38.9	1.882	2.884	3.4	21.0
5 31	15 23.75	−11 3.9	1.902	2.877	6.8	21.2
6 10	15 16.81	−10 38.9	1.948	2.870	10.3	21.4
6 20	15 11.68	−10 25.8	2.017	2.863	13.5	21.6
410369 2007 VP_{150}			5 16.9 151.°42		1.°1/17.5 16	
4 11	16 5.86	−23 16.8	1.866	2.689	14.6	22.8
4 21	15 59.95	−23 11.9	1.790	2.698	11.3	22.6
5 1	15 51.62	−22 57.5	1.737	2.706	7.3	22.4
5 11	15 41.65	−22 34.1	1.710	2.713	3.1	22.1
5 21	15 31.09	−22 3.5	1.710	2.720	1.9	22.1
5 31	15 21.12	−21 29.2	1.738	2.726	6.1	22.4
6 10	15 12.74	−20 56.0	1.793	2.731	10.1	22.6
6 20	15 6.64	−20 28.0	1.870	2.736	13.5	22.8
164257 2004 TD_{277}			5 16.9 314.°43		1.°0/16.5 17	
4 11	15 59.05	−19 21.8	1.205	2.073	18.2	20.1
4 21	15 56.15	−18 58.3	1.121	2.055	14.1	19.8
5 1	15 49.94	−18 24.2	1.057	2.037	9.1	19.5
5 11	15 41.23	−17 41.8	1.014	2.020	3.4	19.1
5 21	15 31.29	−16 55.4	0.994	2.003	3.0	19.0
5 31	15 21.77	−16 11.4	0.997	1.987	8.9	19.3
6 10	15 14.22	−15 36.9	1.022	1.972	14.5	19.5
6 20	15 9.69	−15 16.7	1.065	1.958	19.4	19.8
354785 2005 UV_{252}			5 16.9 219.°62		0.°5/17.3 17	
4 11	15 58.11	−23 13.1	2.630	3.450	11.0	20.8
4 21	15 53.52	−22 46.4	2.538	3.445	8.4	20.6
5 1	15 47.29	−22 11.7	2.471	3.440	5.4	20.4
5 11	15 39.98	−21 30.2	2.431	3.435	2.2	20.2
5 21	15 32.25	−20 44.1	2.420	3.430	1.4	20.1
5 31	15 24.85	−19 56.5	2.438	3.425	4.6	20.3
6 10	15 18.45	−19 11.0	2.484	3.419	7.8	20.5
6 20	15 13.55	−18 30.8	2.554	3.413	10.5	20.7
188765 2005 UZ_{391}			5 16.9 280.°59		2.°0/15.9 17	
4 11	16 0.73	−16 5.7	1.696	2.544	14.8	20.7
4 21	15 56.41	−15 37.0	1.607	2.531	11.3	20.4
5 1	15 49.58	−15 3.0	1.541	2.517	7.2	20.2
5 11	15 40.97	−14 26.5	1.499	2.504	3.1	19.9
5 21	15 31.55	−13 51.0	1.484	2.490	3.2	19.9
5 31	15 22.50	−13 21.0	1.495	2.476	7.5	20.1
6 10	15 14.90	−13 0.5	1.530	2.463	11.8	20.3
6 20	15 9.54	−12 52.1	1.586	2.449	15.6	20.5

380223 2001 RZ_{63} 5 16.9 288°.48 0°.1/16.9 13 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 2.17	−21 47.8	1.749	2.586	14.9	22.2
4 21	15 57.79	−21 17.1	1.635	2.551	11.6	21.9
5 1	15 50.69	−20 34.5	1.543	2.516	7.5	21.6
5 11	15 41.49	−19 40.9	1.475	2.481	2.9	21.2
5 21	15 31.14	−18 39.4	1.435	2.444	2.1	21.1
5 31	15 20.92	−17 35.1	1.421	2.408	7.2	21.3
6 10	15 12.07	−16 34.7	1.432	2.371	12.1	21.5
6 20	15 5.55	−15 44.2	1.465	2.333	16.4	21.7

350657 2001 TS_{241} 5 16.9 211°.35 0°.2/16.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 59.34	−19 56.2	2.865	3.685	10.2	22.7
4 21	15 54.32	−19 36.5	2.770	3.678	7.7	22.5
5 1	15 47.76	−19 11.5	2.699	3.670	4.9	22.3
5 11	15 40.17	−18 42.4	2.657	3.662	1.8	22.1
5 21	15 32.16	−18 10.9	2.644	3.653	1.4	22.0
5 31	15 24.41	−17 39.6	2.660	3.644	4.5	22.2
6 10	15 17.56	−17 11.1	2.704	3.634	7.5	22.4
6 20	15 12.10	−16 47.7	2.774	3.623	10.1	22.6

33919 2000 LV_{19} 5 16.9 242°.43 0°.9/17.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 2.06	−24 43.6	2.113	2.933	13.3	19.3
4 21	15 57.03	−24 10.5	2.013	2.919	10.3	19.1
5 1	15 49.79	−23 25.5	1.936	2.904	6.8	18.9
5 11	15 41.01	−22 29.5	1.885	2.888	2.9	18.6
5 21	15 31.58	−21 25.4	1.863	2.872	1.7	18.5
5 31	15 22.50	−20 17.8	1.869	2.856	5.7	18.7
6 10	15 14.72	−19 12.2	1.901	2.839	9.6	18.9
6 20	15 8.91	−18 13.7	1.958	2.821	13.1	19.1

297505 2000 WM_{132} 5 16.9 183°.48 3°.9/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.60	−34 46.6	3.034	3.802	10.9	21.5
4 21	15 56.13	−34 59.0	2.941	3.802	8.9	21.3
5 1	15 48.95	−34 59.9	2.871	3.802	6.7	21.2
5 11	15 40.63	−34 48.2	2.828	3.801	4.7	21.1
5 21	15 31.87	−34 24.0	2.813	3.800	3.9	21.0
5 31	15 23.42	−33 49.1	2.827	3.799	5.1	21.1
6 10	15 16.01	−33 6.9	2.868	3.797	7.1	21.2
6 20	15 10.15	−32 21.3	2.935	3.794	9.3	21.4

115319 2003 SR_{218} 5 16.9 134°.83 0°.2/16.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 4.34	−20 49.5	1.802	2.635	14.7	20.9
4 21	15 58.79	−20 26.4	1.731	2.646	11.2	20.7
5 1	15 50.86	−19 54.9	1.683	2.656	7.1	20.5
5 11	15 41.38	−19 16.7	1.660	2.666	2.7	20.2
5 21	15 31.38	−18 34.8	1.665	2.675	1.9	20.2
5 31	15 22.01	−17 53.6	1.697	2.683	6.3	20.5
6 10	15 14.23	−17 17.7	1.755	2.692	10.4	20.7
6 20	15 8.69	−16 50.5	1.836	2.699	13.8	21.0

117213 2004 RK_{214} 5 16.9 294°.83 0°.9/16.2 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 58.09	−19 50.5	2.300	3.133	11.9	19.9
4 21	15 53.91	−19 5.1	2.187	3.102	9.1	19.7
5 1	15 47.79	−18 10.8	2.097	3.071	5.8	19.4
5 11	15 40.27	−17 9.8	2.034	3.040	2.2	19.1
5 21	15 32.09	−16 5.2	2.000	3.008	2.1	19.0
5 31	15 24.09	−15 1.7	1.994	2.977	5.9	19.2
6 10	15 17.12	−14 3.9	2.015	2.945	9.6	19.4
6 20	15 11.81	−13 15.7	2.059	2.913	12.9	19.5

84173 2002 RA_{103} 5 16.9 148°.47 3°.0/18.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 3.16	−28 32.9	2.367	3.169	12.6	19.9
4 21	15 57.62	−28 53.3	2.285	3.175	10.0	19.7
5 1	15 50.04	−29 3.7	2.226	3.180	7.0	19.6
5 11	15 41.08	−29 3.1	2.193	3.185	4.1	19.4
5 21	15 31.57	−28 51.7	2.188	3.190	3.1	19.3
5 31	15 22.46	−28 31.5	2.212	3.195	5.4	19.5
6 10	15 14.61	−28 6.1	2.262	3.199	8.3	19.7
6 20	15 8.63	−27 39.4	2.337	3.203	11.2	19.9

492265 2013 WV_{80} 5 16.9 167°.37 0°.3/17.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.68	−22 44.0	2.546	3.361	11.4	22.7
4 21	15 56.18	−22 15.7	2.462	3.366	8.7	22.5
5 1	15 48.96	−21 39.4	2.402	3.371	5.6	22.3
5 11	15 40.63	−20 56.4	2.371	3.375	2.2	22.1
5 21	15 31.91	−20 9.1	2.369	3.378	1.4	22.0
5 31	15 23.60	−19 20.8	2.396	3.381	4.8	22.3
6 10	15 16.41	−18 35.3	2.451	3.383	8.0	22.5
6 20	15 10.85	−17 55.7	2.531	3.385	10.8	22.6

278685 2008 RL_{115} 5 16.9 202°.96 1°.7/15.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 0.70	−16 20.8	2.103	2.940	12.7	21.3
4 21	15 55.80	−15 47.6	2.020	2.937	9.7	21.1
5 1	15 48.90	−15 9.7	1.960	2.934	6.2	20.9
5 11	15 40.65	−14 29.6	1.927	2.931	2.6	20.6
5 21	15 31.88	−13 50.5	1.921	2.927	2.7	20.6
5 31	15 23.50	−13 16.1	1.944	2.923	6.3	20.9
6 10	15 16.35	−12 49.7	1.992	2.919	9.9	21.1
6 20	15 11.04	−12 33.4	2.064	2.914	13.0	21.3

62082 2000 RZ_{82} 5 16.9 179°.49 1°.6/15.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 1.01	−18 22.2	2.135	2.968	12.7	19.8
4 21	15 55.95	−17 24.5	2.053	2.969	9.6	19.6
5 1	15 48.94	−16 19.4	1.996	2.970	6.1	19.3
5 11	15 40.65	−15 9.9	1.966	2.970	2.5	19.1
5 21	15 31.93	−14 0.5	1.964	2.970	2.6	19.1
5 31	15 23.66	−12 56.0	1.991	2.969	6.3	19.3
6 10	15 16.65	−12 0.9	2.045	2.968	9.8	19.6
6 20	15 11.47	−11 18.3	2.122	2.967	12.9	19.8

521077 2015 DK_{240} 5 16.9 231°.51 5°.0/14.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.29	− 6 13.0	1.956	2.796	13.4	21.1
4 21	15 56.32	− 5 45.6	1.880	2.793	10.5	20.9
5 1	15 49.27	− 5 22.4	1.827	2.791	7.4	20.7
5 11	15 40.81	− 5 6.9	1.799	2.788	5.2	20.5
5 21	15 31.80	− 5 2.4	1.798	2.786	5.7	20.6
5 31	15 23.19	− 5 11.0	1.824	2.783	8.4	20.7
6 10	15 15.87	− 5 33.6	1.875	2.780	11.6	20.9
6 20	15 10.44	− 6 9.3	1.947	2.777	14.5	21.1

211966 2005 AS_{12} 5 16.9 86°.95 1°.4/17.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 4.78	−23 52.2	1.473	2.313	17.1	20.6
4 21	15 59.65	−23 46.8	1.409	2.325	13.1	20.3
5 1	15 51.65	−23 29.6	1.366	2.338	8.6	20.1
5 11	15 41.74	−23 1.2	1.347	2.350	3.7	19.8
5 21	15 31.20	−22 24.1	1.353	2.362	2.3	19.8
5 31	15 21.44	−21 43.2	1.385	2.374	6.9	20.1
6 10	15 13.65	−21 4.4	1.441	2.386	11.4	20.4
6 20	15 8.55	−20 32.8	1.518	2.398	15.3	20.7

419789 2010 VB_{206} 5 16.9 155°.38 0°.4/17.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 4.48	−21 52.3	1.984	2.809	13.8	22.7
4 21	15 58.78	−21 39.9	1.907	2.816	10.6	22.5
5 1	15 50.83	−21 19.3	1.853	2.823	6.8	22.3
5 11	15 41.39	−20 51.4	1.825	2.829	2.7	22.0
5 21	15 31.42	−20 18.4	1.825	2.835	1.7	22.0
5 31	15 21.97	−19 43.9	1.853	2.840	5.8	22.3
6 10	15 13.98	−19 12.0	1.908	2.844	9.7	22.5
6 20	15 8.09	−18 46.2	1.986	2.848	13.0	22.7

174478 2003 AN_{27} 5 16.9 85°.65 1°.0/16.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 0.70	−17 24.2	2.219	3.052	12.3	21.1
4 21	15 55.55	−17 9.6	2.155	3.070	9.3	20.9
5 1	15 48.60	−16 51.0	2.114	3.088	5.8	20.7
5 11	15 40.51	−16 30.3	2.101	3.106	2.2	20.5
5 21	15 32.07	−16 9.5	2.115	3.124	2.0	20.5
5 31	15 24.13	−15 51.2	2.158	3.141	5.5	20.8
6 10	15 17.43	−15 38.0	2.228	3.159	8.8	21.0
6 20	15 12.47	−15 31.6	2.321	3.176	11.6	21.2

403218 2008 UQ_{81} 5 16.9 110°.94 1°.0/16.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 6.71	−17 51.2	1.465	2.310	16.8	21.9
4 21	16 1.02	−17 41.2	1.403	2.324	12.8	21.7
5 1	15 52.47	−17 25.5	1.361	2.337	8.1	21.5
5 11	15 42.05	−17 5.8	1.344	2.350	3.1	21.2
5 21	15 31.01	−16 44.8	1.353	2.362	2.6	21.2
5 31	15 20.73	−16 26.5	1.388	2.374	7.5	21.5
6 10	15 12.42	−16 14.7	1.448	2.386	12.0	21.8
6 20	15 6.77	−16 12.2	1.528	2.397	15.8	22.1

86403 2000 AJ_{148} 5 16.9 202°.86 2°.7/19.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 59.75	−31 40.0	2.860	3.647	11.0	19.4
4 21	15 54.73	−31 19.7	2.765	3.644	8.8	19.2
5 1	15 48.06	−30 47.3	2.693	3.640	6.3	19.0
5 11	15 40.31	−30 3.0	2.647	3.636	3.8	18.9
5 21	15 32.18	−29 8.1	2.631	3.632	2.8	18.8
5 31	15 24.42	−28 5.7	2.644	3.627	4.6	18.9
6 10	15 17.70	−27 0.0	2.685	3.622	7.2	19.1
6 20	15 12.51	−25 55.4	2.752	3.617	9.7	19.2

366800 2004 XH_{107} 5 16.9 82°.92 5°.3/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 11.46	−38 3.1	1.558	2.341	18.8	20.7
4 21	16 4.39	−37 16.5	1.501	2.373	15.3	20.5
5 1	15 54.34	−36 2.8	1.465	2.403	11.2	20.3
5 11	15 42.61	−34 22.3	1.452	2.433	7.3	20.2
5 21	15 30.76	−32 20.1	1.466	2.463	5.3	20.1
5 31	15 20.28	−30 5.9	1.508	2.491	7.3	20.3
6 10	15 12.24	−27 51.9	1.576	2.520	10.8	20.6
6 20	15 7.14	−25 48.2	1.669	2.547	14.2	20.8

406430 2007 TE_{224} 5 16.9 171°.63 2°.6/15.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 3.92	−14 30.3	1.843	2.682	14.2	22.4
4 21	15 58.43	−13 53.2	1.767	2.685	10.8	22.2
5 1	15 50.66	−13 12.5	1.715	2.688	6.9	21.9
5 11	15 41.35	−12 31.3	1.688	2.690	3.3	21.7
5 21	15 31.49	−11 53.5	1.689	2.692	3.6	21.7
5 31	15 22.14	−11 23.0	1.717	2.693	7.3	22.0
6 10	15 14.26	−11 3.1	1.771	2.693	11.1	22.2
6 20	15 8.50	−10 55.6	1.846	2.693	14.5	22.4

349181 2007 RY_{105} 5 16.9 291°.10 0°.5/17.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 0.71	−21 18.2	1.907	2.743	13.9	21.5
4 21	15 56.35	−21 14.7	1.806	2.721	10.7	21.2
5 1	15 49.59	−21 3.7	1.726	2.699	7.0	21.0
5 11	15 41.06	−20 45.7	1.672	2.677	2.8	20.6
5 21	15 31.65	−20 22.3	1.645	2.655	1.8	20.5
5 31	15 22.46	−19 56.4	1.645	2.633	6.2	20.8
6 10	15 14.57	−19 32.2	1.670	2.611	10.5	21.0
6 20	15 8.77	−19 13.4	1.718	2.589	14.2	21.1

469567 2003 VG_{10} 5 16.9 250°.55 4°.5/19.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 3.11	−33 53.8	2.267	3.053	13.6	21.4
4 21	15 57.96	−34 2.4	2.164	3.038	11.1	21.2
5 1	15 50.49	−33 56.3	2.083	3.023	8.3	21.0
5 11	15 41.35	−33 33.9	2.027	3.008	5.6	20.8
5 21	15 31.48	−32 54.9	1.998	2.992	4.5	20.7
5 31	15 21.93	−32 2.0	1.997	2.975	6.2	20.8
6 10	15 13.73	−31 0.3	2.022	2.959	9.2	20.9
6 20	15 7.59	−29 55.9	2.072	2.942	12.2	21.1

122322 2000 QQ_{15} 5 16.9 305°.57 2°.4/17.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 0.68	−25 30.2	1.554	2.394	16.3	20.4
4 21	15 57.04	−25 37.5	1.452	2.367	12.9	20.1
5 1	15 50.42	−25 32.7	1.370	2.340	8.8	19.8
5 11	15 41.48	−25 14.7	1.312	2.313	4.4	19.5
5 21	15 31.32	−24 44.0	1.278	2.286	2.9	19.3
5 31	15 21.35	−24 4.2	1.269	2.260	7.3	19.5
6 10	15 12.98	−23 21.2	1.285	2.234	12.2	19.7
6 20	15 7.27	−22 41.6	1.320	2.209	16.6	19.9

375781 2009 SU_{284} 5 16.9 212°.93 1°.5/17.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 3.81	−24 28.0	2.111	2.929	13.4	22.5
4 21	15 58.37	−24 26.7	2.019	2.923	10.4	22.3
5 1	15 50.68	−24 16.1	1.950	2.916	6.9	22.1
5 11	15 41.41	−23 56.2	1.907	2.908	3.2	21.8
5 21	15 31.46	−23 28.2	1.892	2.900	2.0	21.7
5 31	15 21.88	−22 55.1	1.905	2.892	5.6	22.0
6 10	15 13.62	−22 21.1	1.945	2.883	9.4	22.2
6 20	15 7.39	−21 50.3	2.008	2.873	12.7	22.4

312829 2011 SW_{183} 5 16.9 208°.93 0°.2/17.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 0.01	−20 31.1	2.733	3.553	10.6	21.4
4 21	15 54.95	−20 28.4	2.640	3.548	8.1	21.2
5 1	15 48.24	−20 20.7	2.573	3.542	5.2	21.0
5 11	15 40.43	−20 8.7	2.532	3.537	2.0	20.8
5 21	15 32.15	−19 53.6	2.521	3.531	1.3	20.7
5 31	15 24.14	−19 37.4	2.539	3.524	4.6	21.0
6 10	15 17.08	−19 22.4	2.585	3.518	7.6	21.1
6 20	15 11.47	−19 11.0	2.655	3.510	10.3	21.3

140913 2001 VT_{58} 5 16.9 282°.59 2°.0/18.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 59.37	−27 27.2	2.160	2.977	13.1	19.4
4 21	15 54.99	−27 9.1	2.065	2.966	10.3	19.2
5 1	15 48.51	−26 38.6	1.993	2.956	7.0	19.0
5 11	15 40.58	−25 56.2	1.946	2.945	3.6	18.7
5 21	15 32.05	−25 3.7	1.927	2.934	2.3	18.6
5 31	15 23.89	−24 5.0	1.935	2.924	5.4	18.8
6 10	15 16.99	−23 5.3	1.970	2.913	9.0	19.0
6 20	15 12.00	−22 9.5	2.029	2.903	12.3	19.2

299524 2006 DW_{4} 5 16.9 306°.53 2°.5/14.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 51.09	− 8 8.3	4.225	5.056	7.0	20.9
4 21	15 47.67	− 7 40.0	4.140	5.051	5.3	20.7
5 1	15 43.38	− 7 12.7	4.082	5.046	3.7	20.6
5 11	15 38.54	− 6 48.1	4.051	5.041	2.5	20.5
5 21	15 33.48	− 6 27.8	4.049	5.036	2.9	20.5
5 31	15 28.58	− 6 13.2	4.077	5.031	4.3	20.6
6 10	15 24.19	− 6 5.2	4.131	5.026	6.0	20.8
6 20	15 20.59	− 6 4.4	4.210	5.022	7.6	20.9

282271 2002 NL_{66} 5 16.9 331°.03 6°.5/14.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 58.73	− 5 7.2	1.554	2.411	15.4	19.9
4 21	15 54.99	− 4 32.6	1.476	2.397	12.2	19.7
5 1	15 48.75	− 4 3.6	1.418	2.384	8.9	19.4
5 11	15 40.73	− 3 45.5	1.384	2.372	6.6	19.3
5 21	15 31.93	− 3 42.6	1.375	2.361	7.3	19.3
5 31	15 23.50	− 3 58.2	1.389	2.350	10.3	19.4
6 10	15 16.56	− 4 32.7	1.427	2.340	13.9	19.6
6 20	15 11.87	− 5 24.7	1.483	2.331	17.4	19.8

402149 2004 RM_{113} 5 16.9 279°.56 1°.9/16.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 2.33	−17 29.5	1.411	2.266	16.8	21.5
4 21	15 58.25	−16 56.7	1.320	2.247	12.9	21.2
5 1	15 51.14	−16 15.4	1.250	2.228	8.3	20.9
5 11	15 41.73	−15 28.5	1.203	2.209	3.4	20.6
5 21	15 31.20	−14 40.4	1.182	2.189	3.4	20.5
5 31	15 21.02	−13 57.2	1.185	2.170	8.6	20.7
6 10	15 12.58	−13 24.6	1.211	2.150	13.7	21.0
6 20	15 6.86	−13 6.9	1.257	2.131	18.3	21.2

164858 1999 TX_{215} 5 16.9 226°.50 1°.0/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 54.51	−15 58.2	3.938	4.761	7.6	21.2
4 21	15 50.33	−15 38.7	3.840	4.750	5.7	21.1
5 1	15 45.11	−15 17.0	3.768	4.740	3.6	20.9
5 11	15 39.20	−14 54.4	3.725	4.729	1.5	20.7
5 21	15 33.02	−14 32.3	3.712	4.717	1.5	20.7
5 31	15 27.01	−14 12.1	3.728	4.706	3.7	20.9
6 10	15 21.57	−13 55.6	3.773	4.694	5.8	21.0
6 20	15 17.06	−13 43.8	3.844	4.682	7.8	21.1

34575 2000 SH_{327} 5 16.9 81°.25 7°.5/13.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 2.79	− 0 25.6	1.808	2.642	14.6	18.1
4 21	15 57.27	+ 0 27.0	1.763	2.665	11.7	18.0
5 1	15 49.72	+ 1 10.1	1.740	2.688	9.1	17.9
5 11	15 40.94	+ 1 38.3	1.742	2.710	7.6	17.8
5 21	15 31.89	+ 1 48.3	1.770	2.733	8.2	17.9
5 31	15 23.51	+ 1 38.3	1.824	2.755	10.3	18.1
6 10	15 16.63	+ 1 9.2	1.900	2.777	12.8	18.3
6 20	15 11.73	+ 0 23.6	1.998	2.798	15.2	18.5

497363 2005 UW_{256} 5 16.9 232°.55 0°.4/16.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 2.92	−19 17.3	2.101	2.930	13.0	23.0
4 21	15 57.67	−19 2.9	2.005	2.918	10.0	22.8
5 1	15 50.24	−18 42.4	1.933	2.905	6.4	22.5
5 11	15 41.26	−18 16.9	1.887	2.893	2.4	22.3
5 21	15 31.58	−17 48.5	1.870	2.879	1.9	22.2
5 31	15 22.21	−17 20.4	1.880	2.865	6.0	22.4
6 10	15 14.09	−16 56.2	1.917	2.850	9.8	22.6
6 20	15 7.90	−16 38.9	1.978	2.835	13.2	22.8

53521 2000 AZ_{144} 5 16.9 15°.91 4°.8/19.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.77	−31 42.2	1.442	2.269	18.0	18.6
4 21	15 57.80	−31 49.6	1.370	2.271	14.5	18.4
5 1	15 50.73	−31 37.9	1.316	2.273	10.5	18.1
5 11	15 41.50	−31 5.1	1.284	2.276	6.5	17.9
5 21	15 31.46	−30 12.7	1.277	2.279	4.9	17.8
5 31	15 22.13	−29 5.9	1.295	2.282	7.6	18.0
6 10	15 14.84	−27 53.3	1.336	2.287	11.7	18.2
6 20	15 10.42	−26 43.1	1.398	2.291	15.6	18.5

469874 2005 UF_{100} 5 16.9 238°.20 1°.6/15.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 58.53	−15 4.5	2.739	3.569	10.3	22.2
4 21	15 53.81	−14 44.2	2.644	3.557	7.8	22.0
5 1	15 47.52	−14 21.5	2.573	3.545	5.0	21.8
5 11	15 40.17	−13 58.0	2.530	3.533	2.2	21.6
5 21	15 32.36	−13 35.7	2.515	3.520	2.3	21.6
5 31	15 24.78	−13 16.9	2.530	3.508	5.2	21.8
6 10	15 18.09	−13 3.8	2.572	3.494	8.1	21.9
6 20	15 12.77	−12 57.9	2.639	3.481	10.8	22.1

173297 1999 TE_{276} 5 16.9 149°.16 1°.8/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 3.00	−17 18.0	1.772	2.613	14.6	20.7
4 21	15 57.81	−16 34.6	1.699	2.619	11.0	20.5
5 1	15 50.29	−15 44.7	1.650	2.625	7.0	20.3
5 11	15 41.24	−14 51.5	1.626	2.630	2.9	20.1
5 21	15 31.66	−13 59.4	1.629	2.635	3.0	20.1
5 31	15 22.66	−13 13.1	1.660	2.640	7.1	20.3
6 10	15 15.20	−12 36.9	1.715	2.644	11.0	20.6
6 20	15 9.92	−12 13.5	1.793	2.648	14.5	20.8

480438 2015 KH_{132} 5 16.9 275°.54 6°.6/13.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 2.28	+ 2 45.1	2.532	3.342	11.6	21.0
4 21	15 56.74	+ 3 3.0	2.437	3.322	9.6	20.9
5 1	15 49.45	+ 3 11.7	2.367	3.301	7.7	20.7
5 11	15 40.92	+ 3 7.6	2.322	3.280	6.7	20.6
5 21	15 31.84	+ 2 48.1	2.305	3.259	7.1	20.6
5 31	15 22.96	+ 2 12.1	2.316	3.237	8.9	20.7
6 10	15 15.02	+ 1 20.1	2.352	3.216	11.1	20.8
6 20	15 8.59	+ 0 14.0	2.411	3.194	13.4	20.9

453401 2009 DZ_{139} 5 16.9 92°.57 0°.3/17.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 5.65	−22 23.5	1.498	2.338	16.8	21.6
4 21	16 0.10	−21 56.4	1.440	2.357	12.8	21.4
5 1	15 51.82	−21 18.0	1.403	2.377	8.2	21.2
5 11	15 41.81	−20 30.6	1.391	2.396	3.1	20.9
5 21	15 31.33	−19 38.2	1.404	2.414	2.0	20.9
5 31	15 21.73	−18 46.2	1.444	2.433	6.9	21.2
6 10	15 14.09	−18 0.7	1.509	2.451	11.3	21.5
6 20	15 9.05	−17 25.9	1.595	2.468	15.1	21.8

36442 2000 PT_{28} 5 16.9 281°.81 1°.8/16.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 2.93	−16 45.8	1.461	2.313	16.5	19.3
4 21	15 58.69	−16 25.2	1.366	2.292	12.7	19.0
5 1	15 51.44	−15 58.2	1.292	2.270	8.2	18.7
5 11	15 41.88	−15 27.4	1.242	2.247	3.4	18.4
5 21	15 31.14	−14 56.0	1.217	2.225	3.3	18.3
5 31	15 20.65	−14 28.9	1.217	2.202	8.4	18.5
6 10	15 11.82	−14 11.1	1.241	2.180	13.5	18.7
6 20	15 5.66	−14 5.9	1.284	2.157	18.0	18.9

170974 2005 CN_{25} 5 16.9 169°.59 4°.0/19.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 6.56	−30 22.4	1.775	2.583	15.9	20.8
4 21	16 0.92	−30 35.7	1.694	2.586	12.7	20.6
5 1	15 52.50	−30 34.1	1.635	2.589	9.0	20.3
5 11	15 42.15	−30 15.8	1.600	2.591	5.5	20.1
5 21	15 31.03	−29 41.4	1.591	2.592	4.1	20.0
5 31	15 20.50	−28 54.3	1.609	2.594	6.8	20.2
6 10	15 11.76	−28 0.9	1.653	2.594	10.5	20.4
6 20	15 5.57	−27 7.8	1.719	2.594	14.1	20.6

459521 2013 EY_{107} 5 16.9 18°.75 22°.3/ 6.7 17

4 11	15 58.68	+23 28.8	1.078	1.882	24.2	20.0
4 21	15 55.49	+25 36.5	1.058	1.889	23.1	19.9
5 1	15 49.14	+27 1.7	1.052	1.897	22.4	19.9
5 11	15 40.83	+27 33.5	1.060	1.906	22.4	19.9
5 21	15 32.03	+27 7.2	1.082	1.917	22.9	20.0
5 31	15 24.26	+25 44.8	1.117	1.929	23.9	20.1
6 10	15 18.70	+23 34.9	1.165	1.942	25.1	20.2
6 20	15 15.97	+20 49.4	1.226	1.956	26.4	20.4

413026 2000 UU_{38} 5 16.9 247°.91 1°.2/17.5 18

4 11	16 7.02	−22 28.0	1.870	2.692	14.6	21.5
4 21	16 1.32	−22 40.1	1.766	2.673	11.4	21.3
5 1	15 52.89	−22 44.8	1.684	2.653	7.6	21.0
5 11	15 42.38	−22 41.3	1.628	2.631	3.3	20.7
5 21	15 30.80	−22 29.9	1.600	2.609	2.1	20.5
5 31	15 19.41	−22 13.0	1.600	2.587	6.5	20.8
6 10	15 9.45	−21 54.4	1.625	2.563	10.9	21.0
6 20	15 1.83	−21 38.7	1.674	2.539	14.9	21.2

340418 2006 FA_{14} 5 16.9 292°.66 5°.2/13.3 18

4 11	15 57.93	− 9 40.1	1.843	2.694	13.6	20.9
4 21	15 54.07	− 8 23.4	1.753	2.675	10.6	20.6
5 1	15 48.03	− 7 3.8	1.686	2.655	7.4	20.4
5 11	15 40.45	− 5 47.0	1.644	2.636	5.3	20.2
5 21	15 32.19	− 4 39.2	1.630	2.617	6.2	20.2
5 31	15 24.24	− 3 46.1	1.641	2.597	9.3	20.4
6 10	15 17.53	− 3 11.7	1.676	2.578	12.8	20.5
6 20	15 12.75	− 2 57.4	1.731	2.559	16.1	20.7

166477 2002 PD_{128} 5 16.9 260°.62 1°.5/16.1 16

4 11	16 0.45	−16 22.2	2.200	3.034	12.3	20.9
4 21	15 55.71	−16 1.0	2.102	3.018	9.4	20.6
5 1	15 48.96	−15 35.6	2.027	3.001	6.0	20.4
5 11	15 40.79	−15 8.0	1.979	2.984	2.5	20.1
5 21	15 31.96	−14 40.5	1.959	2.966	2.5	20.1
5 31	15 23.39	−14 16.4	1.968	2.948	6.1	20.3
6 10	15 15.93	−13 58.6	2.002	2.930	9.7	20.5
6 20	15 10.22	−13 49.4	2.060	2.912	13.0	20.7

350762 2002 AR_{76} 5 16.9 38°.37 2°.5/15.9 17

4 11	16 1.17	−13 1.3	1.685	2.534	14.8	20.4
4 21	15 56.28	−12 54.7	1.638	2.561	11.1	20.2
5 1	15 49.20	−12 47.8	1.614	2.589	7.1	20.0
5 11	15 40.79	−12 43.1	1.614	2.617	3.3	19.9
5 21	15 32.05	−12 42.5	1.642	2.646	3.4	19.9
5 31	15 24.03	−12 48.3	1.695	2.675	7.0	20.2
6 10	15 17.59	−13 1.7	1.773	2.705	10.6	20.5
6 20	15 13.25	−13 23.3	1.873	2.735	13.7	20.7

506003 2015 HT_{3} 5 16.9 54°.92 7°.3/21.5 17

4 11	16 4.32	−39 17.9	1.825	2.602	16.7	20.7
4 21	15 59.40	−39 47.7	1.750	2.609	14.0	20.5
5 1	15 51.59	−39 57.1	1.695	2.616	11.2	20.3
5 11	15 41.81	−39 42.6	1.662	2.623	8.6	20.2
5 21	15 31.31	−39 3.5	1.654	2.630	7.3	20.1
5 31	15 21.49	−38 3.3	1.671	2.638	8.3	20.2
6 10	15 13.59	−36 49.2	1.713	2.645	10.8	20.4
6 20	15 8.36	−35 29.5	1.777	2.653	13.6	20.6

393198 2013 CG_{181} 5 16.9 111°.42 1°.5/17.8 17

4 11	16 2.52	−23 55.4	2.598	3.408	11.4	21.1
4 21	15 56.88	−24 16.4	2.522	3.421	8.8	21.0
5 1	15 49.48	−24 30.9	2.471	3.434	5.8	20.8
5 11	15 40.92	−24 38.6	2.447	3.447	2.8	20.6
5 21	15 31.93	−24 39.9	2.452	3.460	1.9	20.6
5 31	15 23.32	−24 36.3	2.487	3.472	4.6	20.8
6 10	15 15.81	−24 30.2	2.549	3.484	7.6	21.0
6 20	15 9.94	−24 24.1	2.636	3.496	10.2	21.2

510419 2011 UE_{269} 5 16.9 268°.13 3°.3/14.6 17

4 11	15 57.55	−12 8.5	2.219	3.062	11.9	20.9
4 21	15 53.30	−11 16.0	2.141	3.060	9.1	20.7
5 1	15 47.28	−10 21.3	2.086	3.058	6.0	20.5
5 11	15 40.11	− 9 28.2	2.058	3.056	3.5	20.3
5 21	15 32.50	− 8 40.6	2.057	3.054	4.1	20.4
5 31	15 25.25	− 8 2.2	2.084	3.051	6.9	20.5
6 10	15 19.11	− 7 35.9	2.137	3.049	10.0	20.7
6 20	15 14.59	− 7 22.7	2.212	3.047	12.8	20.9

299806 2006 SQ_{120} 5 16.9 184°.20 2°.5/15.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 59.02	−11 34.2	2.845	3.674	10.0	21.7
4 21	15 54.03	−11 8.2	2.762	3.674	7.6	21.6
5 1	15 47.58	−10 41.6	2.704	3.673	5.0	21.4
5 11	15 40.19	−10 16.8	2.674	3.673	2.8	21.3
5 21	15 32.45	− 9 55.8	2.673	3.671	3.1	21.3
5 31	15 24.98	− 9 40.9	2.702	3.670	5.5	21.4
6 10	15 18.40	− 9 33.5	2.757	3.667	8.1	21.6
6 20	15 13.14	− 9 34.7	2.837	3.665	10.5	21.8

193022 2000 EA_{57} 5 16.9 73°.26 3°.0/15.1 18

4 11	16 1.39	−13 20.4	1.934	2.775	13.5	19.8
4 21	15 56.15	−12 30.4	1.884	2.803	10.1	19.7
5 1	15 48.99	−11 38.7	1.858	2.831	6.5	19.5
5 11	15 40.70	−10 49.1	1.858	2.858	3.5	19.4
5 21	15 32.16	−10 5.6	1.886	2.885	3.9	19.4
5 31	15 24.28	− 9 31.8	1.941	2.912	7.0	19.7
6 10	15 17.82	− 9 10.1	2.021	2.939	10.2	19.9
6 20	15 13.25	− 9 1.4	2.124	2.965	13.1	20.2

58538 1997 EN_{15} 5 16.9 259°.93 0°.8/17.5 18

4 11	15 59.48	−22 40.9	2.322	3.147	12.1	20.1
4 21	15 54.83	−22 38.1	2.238	3.147	9.3	20.0
5 1	15 48.31	−22 28.1	2.177	3.146	6.0	19.8
5 11	15 40.52	−22 11.6	2.142	3.146	2.5	19.5
5 21	15 32.23	−21 50.0	2.136	3.145	1.6	19.4
5 31	15 24.30	−21 25.7	2.157	3.145	5.0	19.7
6 10	15 17.50	−21 2.2	2.206	3.145	8.4	19.9
6 20	15 12.42	−20 42.2	2.278	3.144	11.4	20.1

392530 2011 QK_{65} 5 16.9 239°.18 5°.4/13.1 18

4 11	15 58.33	− 4 29.9	2.349	3.184	11.6	21.2
4 21	15 53.81	− 3 36.8	2.268	3.176	9.2	21.0
5 1	15 47.59	− 2 47.0	2.211	3.168	6.8	20.8
5 11	15 40.24	− 2 4.7	2.180	3.159	5.4	20.7
5 21	15 32.43	− 1 33.5	2.177	3.150	6.1	20.8
5 31	15 24.92	− 1 16.4	2.200	3.141	8.2	20.9
6 10	15 18.42	− 1 14.8	2.249	3.132	10.8	21.0
6 20	15 13.45	− 1 28.5	2.319	3.123	13.3	21.2

476512 2008 GA_{58} 5 16.9 324°.06 3°.3/18.7 16

4 11	16 1.79	−28 21.1	2.306	3.113	12.8	21.6
4 21	15 56.79	−28 53.4	2.218	3.110	10.1	21.4
5 1	15 49.69	−29 16.6	2.153	3.108	7.2	21.3
5 11	15 41.10	−29 29.2	2.114	3.105	4.3	21.1
5 21	15 31.85	−29 30.8	2.102	3.103	3.4	21.0
5 31	15 22.91	−29 22.8	2.118	3.101	5.6	21.1
6 10	15 15.19	−29 8.3	2.161	3.099	8.6	21.3
6 20	15 9.34	−28 51.1	2.227	3.097	11.5	21.5

53300 1999 GD_{31} 5 16.9 56°.44 1°.7/16.0 18

4 11	16 0.98	−16 19.3	1.823	2.667	14.1	19.0
4 21	15 56.05	−15 53.8	1.771	2.692	10.6	18.9
5 1	15 49.04	−15 24.4	1.741	2.716	6.7	18.7
5 11	15 40.76	−14 53.9	1.737	2.741	2.7	18.5
5 21	15 32.16	−14 25.5	1.760	2.766	2.7	18.5
5 31	15 24.22	−14 2.4	1.809	2.791	6.4	18.8
6 10	15 17.77	−13 47.4	1.885	2.816	10.0	19.1
6 20	15 13.33	−13 42.1	1.982	2.842	13.1	19.3

263344 2008 CM_{99} 5 16.9 122°.93 2°.7/18.4 17

4 11	16 6.03	−27 18.8	1.804	2.620	15.4	21.7
4 21	16 0.27	−27 23.9	1.733	2.633	12.0	21.5
5 1	15 51.95	−27 16.3	1.684	2.646	8.2	21.3
5 11	15 41.93	−26 55.6	1.660	2.657	4.3	21.1
5 21	15 31.34	−26 23.1	1.663	2.669	2.9	21.0
5 31	15 21.39	−25 42.5	1.693	2.680	6.2	21.3
6 10	15 13.18	−24 59.5	1.749	2.690	10.0	21.5
6 20	15 7.36	−24 19.2	1.828	2.701	13.5	21.7

55831 1995 XL 5 16.9 167°.94 0°.4/17.2 18

4 11	16 6.09	−22 32.8	1.698	2.528	15.6	20.3
4 21	16 0.42	−22 10.1	1.621	2.533	12.0	20.1
5 1	15 52.11	−21 36.8	1.565	2.537	7.7	19.8
5 11	15 42.02	−20 53.9	1.535	2.540	3.0	19.6
5 21	15 31.27	−20 4.7	1.532	2.542	1.9	19.5
5 31	15 21.13	−19 14.1	1.557	2.544	6.6	19.8
6 10	15 12.71	−18 27.6	1.607	2.545	11.0	20.0
6 20	15 6.74	−17 50.0	1.679	2.546	14.8	20.3

303746 2005 QD_{97} 5 16.9 212°.74 6°.6/10.5 18

4 11	15 57.33	+ 5 0.1	3.150	3.954	9.7	21.5
4 21	15 52.63	+ 6 1.1	3.073	3.946	8.2	21.4
5 1	15 46.66	+ 6 54.9	3.022	3.937	7.0	21.3
5 11	15 39.86	+ 7 37.5	2.997	3.928	6.6	21.3
5 21	15 32.74	+ 8 6.1	2.999	3.918	7.1	21.3
5 31	15 25.84	+ 8 18.8	3.028	3.907	8.4	21.3
6 10	15 19.69	+ 8 15.0	3.081	3.896	10.0	21.4
6 20	15 14.69	+ 7 55.7	3.155	3.885	11.6	21.6

250320 2003 SN_3 5 16.9 258.°55 1.°3/17.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 4.86	−23 36.4	1.756	2.585	15.2	21.3
4 21	15 59.82	−23 34.1	1.655	2.565	11.9	21.1
5 1	15 52.00	−23 21.5	1.575	2.545	7.9	20.8
5 11	15 42.10	−22 58.4	1.520	2.524	3.5	20.5
5 21	15 31.15	−22 26.0	1.492	2.502	2.1	20.3
5 31	15 20.44	−21 47.8	1.491	2.480	6.7	20.5
6 10	15 11.26	−21 9.2	1.515	2.457	11.3	20.8
6 20	15 4.49	−20 35.5	1.562	2.434	15.4	20.9

324978 2008 AW_{64} 5 16.9 138.°94 0.°3/17.1 17

4 11	16 4.71	−21 54.8	1.862	2.690	14.5	22.2
4 21	15 59.08	−21 34.5	1.789	2.701	11.1	22.0
5 1	15 51.11	−21 5.2	1.740	2.711	7.1	21.8
5 11	15 41.61	−20 28.3	1.716	2.720	2.7	21.5
5 21	15 31.59	−19 46.6	1.719	2.729	1.8	21.5
5 31	15 22.18	−19 4.1	1.751	2.738	6.1	21.8
6 10	15 14.33	−18 25.6	1.809	2.746	10.1	22.0
6 20	15 8.68	−17 54.9	1.889	2.753	13.5	22.3

250539 2004 QJ_{25} 5 16.9 294.°43 3.°0/14.3 17

4 11	15 58.47	−15 38.8	2.294	3.132	11.8	20.6
4 21	15 54.17	−14 11.8	2.183	3.101	9.0	20.4
5 1	15 47.99	−12 35.6	2.096	3.069	5.9	20.1
5 11	15 40.47	−10 54.4	2.038	3.038	3.2	19.9
5 21	15 32.32	− 9 14.0	2.009	3.006	4.0	19.9
5 31	15 24.39	− 7 40.4	2.008	2.974	7.2	20.0
6 10	15 17.47	− 6 19.3	2.035	2.942	10.7	20.2
6 20	15 12.17	− 5 14.4	2.085	2.910	13.8	20.3

62635 2000 SO_{356} 5 16.9 155.°82 6.°1/12.0 18

4 11	15 58.06	+ 1 54.6	2.860	3.676	10.3	21.1
4 21	15 53.21	+ 2 44.8	2.796	3.682	8.5	20.9
5 1	15 47.03	+ 3 28.1	2.756	3.688	6.9	20.8
5 11	15 40.00	+ 4 0.6	2.743	3.694	6.1	20.8
5 21	15 32.69	+ 4 19.9	2.757	3.699	6.6	20.8
5 31	15 25.70	+ 4 24.1	2.798	3.704	8.1	20.9
6 10	15 19.57	+ 4 13.1	2.863	3.709	9.9	21.1
6 20	15 14.72	+ 3 47.8	2.951	3.713	11.7	21.2

91947 1999 VT_{65} 5 16.9 221.°77 0.°9/16.2 18

4 11	15 57.70	−18 21.2	2.679	3.508	10.6	19.9
4 21	15 53.21	−17 49.0	2.589	3.503	8.0	19.8
5 1	15 47.16	−17 11.8	2.524	3.497	5.1	19.6
5 11	15 40.09	−16 31.3	2.486	3.491	2.0	19.3
5 21	15 32.61	−15 50.1	2.478	3.485	1.8	19.3
5 31	15 25.43	−15 11.1	2.498	3.479	4.9	19.5
6 10	15 19.18	−14 37.3	2.545	3.473	8.0	19.7
6 20	15 14.34	−14 10.8	2.617	3.466	10.6	19.9

512945 2017 BF_{93} 5 16.9 289.°18 6.°7/ 7.6 18

4 11	15 52.47	+16 51.5	4.398	5.149	8.0	20.4
4 21	15 48.70	+17 30.7	4.335	5.140	7.3	20.4
5 1	15 44.06	+18 0.1	4.294	5.132	6.8	20.3
5 11	15 38.86	+18 16.9	4.278	5.123	6.8	20.3
5 21	15 33.46	+18 19.8	4.286	5.114	7.1	20.3
5 31	15 28.24	+18 7.9	4.317	5.106	7.8	20.4
6 10	15 23.54	+17 41.6	4.370	5.097	8.6	20.4
6 20	15 19.65	+17 2.1	4.443	5.088	9.5	20.5

365123 2009 CL_{65} 5 16.9 325.°26 2.°3/17.7 17

4 11	15 59.69	−23 21.2	1.171	2.034	19.0	20.8
4 21	15 56.99	−23 44.3	1.087	2.016	14.9	20.4
5 1	15 50.76	−23 57.0	1.023	1.999	10.0	20.1
5 11	15 41.78	−23 57.9	0.979	1.982	4.7	19.7
5 21	15 31.37	−23 47.1	0.957	1.967	3.1	19.6
5 31	15 21.32	−23 28.1	0.959	1.952	8.5	19.8
6 10	15 13.36	−23 6.8	0.981	1.939	14.0	20.1
6 20	15 8.66	−22 49.7	1.022	1.926	19.0	20.3

343443 2010 DJ_{79} 5 16.9 309.°17 0.°7/17.3 17

4 11	16 0.93	−21 38.1	1.865	2.701	14.2	20.6
4 21	15 56.46	−21 41.8	1.779	2.694	10.9	20.4
5 1	15 49.63	−21 38.2	1.715	2.687	7.1	20.1
5 11	15 41.13	−21 27.7	1.676	2.681	2.9	19.9
5 21	15 31.90	−21 11.7	1.664	2.674	1.8	19.8
5 31	15 23.05	−20 53.0	1.679	2.668	6.1	20.0
6 10	15 15.60	−20 35.3	1.720	2.662	10.1	20.3
6 20	15 10.27	−20 22.1	1.783	2.657	13.7	20.5

469253 2016 JA_{25} 5 16.9 38.°21 0.°1/16.9 17

4 11	16 3.84	−18 53.6	1.488	2.336	16.5	20.8
4 21	15 59.05	−19 8.1	1.418	2.340	12.6	20.6
5 1	15 51.42	−19 17.3	1.370	2.345	8.1	20.3
5 11	15 41.82	−19 21.8	1.345	2.351	3.1	20.0
5 21	15 31.45	−19 22.7	1.346	2.356	2.1	20.0
5 31	15 21.68	−19 22.5	1.373	2.362	7.1	20.3
6 10	15 13.72	−19 24.5	1.424	2.368	11.6	20.6
6 20	15 8.37	−19 31.7	1.496	2.374	15.6	20.8

24114 1999 VV_{23} 5 16.9 92.°85 5.°2/14.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 2.86	− 9 29.9	1.621	2.470	15.3	17.3
4 21	15 57.65	− 8 20.2	1.568	2.489	11.7	17.1
5 1	15 50.14	− 7 11.2	1.538	2.507	8.0	16.9
5 11	15 41.22	− 6 9.0	1.533	2.525	5.4	16.8
5 21	15 31.93	− 5 18.9	1.554	2.543	6.2	16.9
5 31	15 23.37	− 4 45.5	1.601	2.561	9.2	17.1
6 10	15 16.45	− 4 30.6	1.671	2.578	12.6	17.3
6 20	15 11.74	− 4 34.0	1.763	2.595	15.7	17.6

361697 2007 VS_{153} 5 16.9 352.°40 0.°3/17.1 17

4 11	16 2.60	−21 45.5	1.415	2.264	17.1	20.8
4 21	15 58.29	−21 28.1	1.341	2.264	13.1	20.6
5 1	15 51.02	−20 59.8	1.288	2.263	8.5	20.3
5 11	15 41.70	−20 21.9	1.258	2.263	3.3	20.0
5 21	15 31.55	−19 38.0	1.252	2.263	2.1	19.9
5 31	15 22.03	−18 53.3	1.273	2.262	7.4	20.2
6 10	15 14.41	−18 14.0	1.316	2.262	12.2	20.5
6 20	15 9.49	−17 44.8	1.381	2.263	16.4	20.8

88035 2000 UA_{95} 5 16.9 43.°10 2.°3/18.6 18

4 11	15 59.32	−28 18.5	2.259	3.071	12.8	19.4
4 21	15 54.81	−28 3.6	2.175	3.073	10.0	19.2
5 1	15 48.34	−27 36.8	2.115	3.075	6.9	19.0
5 11	15 40.57	−26 58.5	2.079	3.076	3.7	18.8
5 21	15 32.34	−26 10.4	2.072	3.078	2.5	18.7
5 31	15 24.53	−25 16.3	2.092	3.080	5.2	18.9
6 10	15 17.98	−24 20.7	2.140	3.082	8.4	19.1
6 20	15 13.25	−23 28.4	2.211	3.084	11.4	19.3

136693 1995 SE_{45} 5 16.9 327.°33 2.°6/17.8 17

4 11	16 0.01	−23 42.3	1.233	2.091	18.5	20.5
4 21	15 57.09	−24 10.6	1.149	2.074	14.6	20.2
5 1	15 50.76	−24 29.0	1.083	2.058	9.8	19.9
5 11	15 41.77	−24 36.0	1.040	2.042	4.7	19.5
5 21	15 31.42	−24 31.1	1.019	2.028	3.2	19.4
5 31	15 21.42	−24 17.3	1.021	2.014	8.2	19.6
6 10	15 13.44	−24 0.0	1.045	2.001	13.5	19.9
6 20	15 8.59	−23 45.2	1.088	1.990	18.3	20.1

504447 2008 CF_{77} 5 16.9 54.°59 5.°4/13.9 17

4 11	15 59.08	− 4 40.7	2.042	2.882	12.9	20.8
4 21	15 54.44	− 4 2.6	1.985	2.897	10.1	20.6
5 1	15 47.99	− 3 29.8	1.951	2.911	7.3	20.5
5 11	15 40.41	− 3 6.1	1.943	2.926	5.6	20.4
5 21	15 32.48	− 2 54.8	1.962	2.941	6.1	20.5
5 31	15 25.05	− 2 57.6	2.007	2.957	8.3	20.6
6 10	15 18.86	− 3 15.2	2.076	2.972	11.0	20.8
6 20	15 14.40	− 3 46.2	2.167	2.987	13.5	21.0

414043 2007 RB_{146} 5 16.9 242.°72 3.°3/18.5 17

4 11	16 6.83	−27 56.7	1.788	2.602	15.6	21.6
4 21	16 1.39	−28 12.6	1.689	2.587	12.4	21.3
5 1	15 53.05	−28 16.2	1.611	2.571	8.7	21.1
5 11	15 42.53	−28 5.5	1.558	2.554	4.9	20.8
5 21	15 30.94	−27 40.2	1.532	2.537	3.5	20.7
5 31	15 19.65	−27 3.1	1.532	2.518	6.9	20.8
6 10	15 9.98	−26 19.7	1.558	2.500	11.1	21.0
6 20	15 2.85	−25 36.5	1.607	2.480	15.0	21.2

441961 2010 MN_6 5 16.9 244.°10 5.°8/21.4 18

4 11	16 2.93	−40 25.2	2.808	3.551	12.2	21.2
4 21	15 57.59	−40 48.0	2.704	3.539	10.4	21.1
5 1	15 50.18	−40 56.3	2.622	3.526	8.4	20.9
5 11	15 41.32	−40 47.5	2.565	3.513	6.7	20.8
5 21	15 31.81	−40 20.9	2.534	3.499	5.8	20.7
5 31	15 22.61	−39 37.9	2.530	3.485	6.6	20.7
6 10	15 14.59	−38 42.5	2.553	3.471	8.3	20.8
6 20	15 8.42	−37 39.7	2.601	3.457	10.5	20.9

482058 2010 AF_{80} 5 16.9 164.°27 2.°4/14.3 18

4 11	15 53.93	− 8 50.6	4.121	4.946	7.2	22.7
4 21	15 49.81	− 8 19.6	4.043	4.951	5.5	22.6
5 1	15 44.77	− 7 49.5	3.991	4.955	3.8	22.4
5 11	15 39.15	− 7 21.8	3.968	4.959	2.5	22.3
5 21	15 33.34	− 6 58.2	3.975	4.963	2.8	22.4
5 31	15 27.72	− 6 40.3	4.011	4.967	4.3	22.5
6 10	15 22.66	− 6 29.0	4.075	4.970	6.1	22.6
6 20	15 18.46	− 6 24.9	4.163	4.973	7.7	22.7

204015 2003 UK_{39} 5 16.9 301.°59 0.°5/17.2 18

4 11	16 2.05	−20 37.5	1.926	2.760	13.9	20.0
4 21	15 57.20	−20 46.5	1.843	2.757	10.6	19.8
5 1	15 50.05	−20 49.7	1.783	2.755	6.9	19.6
5 11	15 41.30	−20 47.2	1.748	2.753	2.7	19.3
5 21	15 31.86	−20 40.2	1.741	2.751	1.7	19.2
5 31	15 22.81	−20 31.0	1.760	2.748	5.9	19.5
6 10	15 15.15	−20 22.7	1.806	2.746	9.9	19.7
6 20	15 9.56	−20 18.3	1.874	2.744	13.3	19.9

106231 2000 UL_{41} 5 16.9 119°.71 0°.3/17.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 59.83	−21 27.7	2.700	3.519	10.8	20.2
4 21	15 54.74	−21 17.3	2.626	3.532	8.2	20.0
5 1	15 48.09	−21 1.2	2.576	3.546	5.2	19.8
5 11	15 40.45	−20 40.1	2.554	3.558	2.0	19.6
5 21	15 32.48	−20 15.9	2.561	3.571	1.3	19.6
5 31	15 24.89	−19 50.7	2.597	3.583	4.4	19.8
6 10	15 18.32	−19 27.3	2.661	3.595	7.4	20.0
6 20	15 13.22	−19 8.0	2.750	3.607	9.9	20.2

263180 2007 XG_{38} 5 16.9 68°.77 3°.2/18.5 17

4 11	16 5.01	−27 28.9	1.445	2.278	17.7	20.4
4 21	16 0.05	−27 40.2	1.383	2.291	13.9	20.2
5 1	15 52.07	−27 36.8	1.340	2.305	9.5	20.0
5 11	15 42.07	−27 17.8	1.320	2.318	5.1	19.8
5 21	15 31.39	−26 44.7	1.325	2.332	3.5	19.7
5 31	15 21.52	−26 2.1	1.356	2.346	7.1	19.9
6 10	15 13.71	−25 16.8	1.411	2.359	11.4	20.2
6 20	15 8.72	−24 35.2	1.487	2.373	15.2	20.5

342427 2008 UM_{84} 5 16.9 316°.40 4°.2/18.4 17

4 11	16 3.35	−27 18.3	1.626	2.454	16.3	20.4
4 21	15 59.03	−28 8.7	1.535	2.439	13.0	20.1
5 1	15 51.70	−28 49.9	1.464	2.425	9.2	19.9
5 11	15 42.08	−29 18.7	1.417	2.411	5.5	19.6
5 21	15 31.27	−29 33.1	1.395	2.397	4.4	19.5
5 31	15 20.70	−29 33.8	1.399	2.384	7.5	19.7
6 10	15 11.80	−29 24.8	1.426	2.371	11.6	19.9
6 20	15 5.56	−29 11.7	1.475	2.359	15.5	20.1

61416 2000 QL_{12} 5 16.9 359°.94 5°.5/15.2 18

4 11	15 45.32	−11 54.9	0.692	1.613	21.5	17.4
4 21	15 46.67	−11 24.3	0.644	1.605	16.6	17.1
5 1	15 44.33	−10 53.2	0.611	1.600	11.1	16.7
5 11	15 39.33	−10 29.7	0.594	1.598	6.2	16.5
5 21	15 33.21	−10 21.2	0.594	1.600	6.8	16.5
5 31	15 27.90	−10 33.3	0.612	1.605	12.0	16.8
6 10	15 25.03	−11 7.6	0.646	1.613	17.4	17.1
6 20	15 25.49	−12 1.7	0.695	1.624	22.3	17.4

20820 2000 UZ_{3} 5 16.9 244°.23 1°.8/15.5 18

4 11	15 57.83	−17 12.4	2.419	3.254	11.4	17.8
4 21	15 53.46	−16 14.1	2.330	3.247	8.6	17.6
5 1	15 47.40	−15 9.6	2.266	3.240	5.5	17.4
5 11	15 40.23	−14 2.0	2.230	3.233	2.4	17.2
5 21	15 32.63	−12 55.1	2.222	3.226	2.7	17.2
5 31	15 25.37	−11 53.3	2.243	3.219	5.8	17.4
6 10	15 19.15	−11 0.4	2.291	3.212	9.0	17.5
6 20	15 14.47	−10 19.0	2.363	3.205	11.9	17.7

123928 2001 ED_{6} 5 16.9 331°.80 6°.0/19.1 17

4 11	16 4.45	−31 38.1	1.713	2.523	16.3	19.2
4 21	15 59.82	−32 43.3	1.627	2.515	13.3	18.9
5 1	15 52.17	−33 36.5	1.561	2.508	10.0	18.7
5 11	15 42.25	−34 13.6	1.520	2.501	7.0	18.5
5 21	15 31.19	−34 31.5	1.503	2.494	6.1	18.4
5 31	15 20.44	−34 30.7	1.512	2.488	8.1	18.5
6 10	15 11.42	−34 15.6	1.544	2.482	11.4	18.7
6 20	15 5.08	−33 52.5	1.599	2.477	14.8	18.9

491575 2012 RF_{19} 5 16.9 232°.52 0°.1/17.0 18

4 11	16 1.23	−21 10.5	2.353	3.176	12.0	22.0
4 21	15 56.22	−20 53.8	2.256	3.165	9.2	21.8
5 1	15 49.27	−20 30.0	2.183	3.154	5.9	21.6
5 11	15 40.98	−20 0.2	2.137	3.141	2.3	21.3
5 21	15 32.11	−19 26.3	2.119	3.129	1.5	21.2
5 31	15 23.53	−18 51.3	2.130	3.116	5.3	21.4
6 10	15 16.05	−18 18.9	2.168	3.102	8.8	21.6
6 20	15 10.29	−17 52.0	2.230	3.089	11.9	21.8

290993 2005 XR_{64} 5 16.9 234°.75 2°.3/15.8 16

4 11	16 4.77	−16 26.6	1.622	2.466	15.6	21.0
4 21	15 59.68	−15 47.1	1.533	2.454	11.9	20.7
5 1	15 51.86	−15 0.6	1.466	2.441	7.7	20.4
5 11	15 42.07	−14 10.3	1.424	2.428	3.3	20.1
5 21	15 31.37	−13 20.5	1.408	2.414	3.5	20.1
5 31	15 21.08	−12 36.7	1.419	2.399	8.1	20.3
6 10	15 12.39	−12 3.9	1.454	2.384	12.6	20.5
6 20	15 6.14	−11 45.2	1.511	2.368	16.6	20.8

300040 2006 UY_{133} 5 16.9 205°.35 0°.4/16.7 18

4 11	15 59.47	−19 22.1	2.779	3.601	10.4	21.9
4 21	15 54.53	−19 4.2	2.687	3.596	7.9	21.7
5 1	15 48.02	−18 41.4	2.620	3.591	5.0	21.5
5 11	15 40.47	−18 14.8	2.580	3.585	1.9	21.3
5 21	15 32.50	−17 46.4	2.570	3.579	1.5	21.2
5 31	15 24.79	−17 18.5	2.589	3.573	4.6	21.4
6 10	15 18.01	−16 53.7	2.636	3.566	7.6	21.6
6 20	15 12.65	−16 34.3	2.707	3.558	10.3	21.8

302358 2002 BY_{26} 5 16.9 188°.61 6°.1/12.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	15 59.73	+ 1 23.1	2.699	3.514	10.8	20.8
4 21	15 54.63	+ 1 57.2	2.625	3.514	8.9	20.6
5 1	15 48.03	+ 2 23.9	2.576	3.513	7.1	20.5
5 11	15 40.47	+ 2 39.8	2.553	3.511	6.1	20.4
5 21	15 32.55	+ 2 42.4	2.557	3.510	6.6	20.5
5 31	15 24.94	+ 2 30.2	2.589	3.508	8.2	20.6
6 10	15 18.25	+ 2 3.3	2.646	3.505	10.2	20.7
6 20	15 12.92	+ 1 22.9	2.725	3.503	12.2	20.8

470535 2008 DY_{30} 5 16.9 117°.37 6°.8/22.1 18

4 11	16 4.63	−41 48.6	2.458	3.201	13.8	21.0
4 21	15 59.07	−42 19.3	2.378	3.209	11.8	20.8
5 1	15 51.18	−42 32.8	2.318	3.216	9.6	20.7
5 11	15 41.73	−42 26.4	2.282	3.224	7.7	20.6
5 21	15 31.70	−41 59.2	2.271	3.231	6.8	20.5
5 31	15 22.18	−41 13.5	2.287	3.238	7.4	20.6
6 10	15 14.15	−40 14.1	2.329	3.245	9.1	20.7
6 20	15 8.27	−39 7.1	2.395	3.252	11.2	20.9

482109 2010 MG_{100} 5 16.9 271°.05 7°.4/20.9 18

4 11	16 6.46	−42 7.4	2.627	3.360	13.2	21.5
4 21	16 0.77	−43 6.3	2.518	3.339	11.5	21.3
5 1	15 52.54	−43 51.2	2.430	3.318	9.6	21.2
5 11	15 42.38	−44 18.1	2.366	3.297	8.0	21.0
5 21	15 31.17	−44 24.1	2.328	3.276	7.4	20.9
5 31	15 20.08	−44 9.0	2.316	3.254	8.1	21.0
6 10	15 10.25	−43 36.3	2.330	3.232	9.8	21.0
6 20	15 2.54	−42 51.1	2.367	3.210	11.8	21.1

418148 2008 AK_{78} 5 16.9 7°.89 2°.2/16.1 17

4 11	16 1.10	−15 18.2	1.299	2.163	17.4	20.6
4 21	15 57.27	−15 6.9	1.232	2.164	13.3	20.3
5 1	15 50.45	−14 52.3	1.186	2.165	8.5	20.0
5 11	15 41.55	−14 37.2	1.161	2.166	3.6	19.7
5 21	15 31.82	−14 24.8	1.161	2.169	3.5	19.7
5 31	15 22.73	−14 18.8	1.185	2.172	8.4	20.0
6 10	15 15.55	−14 22.5	1.232	2.175	13.1	20.3
6 20	15 11.09	−14 37.5	1.298	2.180	17.3	20.6

236542 2006 HM_{43} 5 16.9 64°.34 1°.2/17.6 17

4 11	16 2.17	−22 39.0	1.913	2.743	14.1	20.8
4 21	15 57.30	−22 46.8	1.834	2.746	10.8	20.6
5 1	15 50.12	−22 46.9	1.778	2.748	7.1	20.4
5 11	15 41.36	−22 39.4	1.747	2.751	3.1	20.1
5 21	15 31.97	−22 25.3	1.743	2.753	1.9	20.0
5 31	15 23.02	−22 7.5	1.767	2.756	5.8	20.3
6 10	15 15.51	−21 49.5	1.816	2.758	9.7	20.5
6 20	15 10.10	−21 34.9	1.888	2.761	13.1	20.8

502362 2015 BL_{225} 5 16.9 201°.66 0°.9/17.5 17

4 11	16 5.27	−22 57.5	2.144	2.962	13.2	23.8
4 21	15 59.47	−22 51.5	2.053	2.957	10.2	23.6
5 1	15 51.45	−22 37.0	1.984	2.952	6.7	23.3
5 11	15 41.87	−22 14.5	1.943	2.946	2.8	23.1
5 21	15 31.63	−21 45.4	1.929	2.939	1.7	23.0
5 31	15 21.77	−21 12.7	1.945	2.931	5.6	23.2
6 10	15 13.22	−20 40.5	1.987	2.923	9.4	23.4
6 20	15 6.68	−20 12.7	2.053	2.913	12.7	23.6

378355 2007 KG_{2} 5 16.9 40°.97 1°.9/15.3 18

4 11	15 54.07	−10 8.6	3.911	4.738	7.5	19.8
4 21	15 50.00	−10 5.1	3.835	4.746	5.7	19.7
5 1	15 44.95	−10 2.5	3.786	4.754	3.8	19.5
5 11	15 39.29	−10 2.1	3.765	4.762	2.2	19.4
5 21	15 33.41	−10 4.9	3.773	4.770	2.3	19.4
5 31	15 27.72	−10 11.8	3.810	4.779	4.0	19.6
6 10	15 22.63	−10 23.5	3.876	4.787	6.0	19.7
6 20	15 18.44	−10 40.4	3.967	4.796	7.7	19.8

385182 2013 WX_{65} 5 16.9 177°.01 0°.6/17.4 17

4 11	16 1.86	−24 22.2	2.291	3.108	12.5	21.3
4 21	15 56.63	−23 41.3	2.205	3.110	9.6	21.1
5 1	15 49.47	−22 49.6	2.143	3.111	6.2	20.9
5 11	15 41.06	−21 49.0	2.108	3.112	2.5	20.7
5 21	15 32.22	−20 42.4	2.102	3.112	1.5	20.6
5 31	15 23.83	−19 34.4	2.126	3.112	5.2	20.8
6 10	15 16.69	−18 29.9	2.176	3.112	8.7	21.0
6 20	15 11.35	−17 33.1	2.252	3.111	11.8	21.2

428793 2008 SB_{293} 5 16.9 292°.83 8°.1/19.8 15

4 11	16 7.18	−36 36.2	1.782	2.567	16.7	21.2
4 21	16 2.25	−37 53.5	1.684	2.549	14.2	21.0
5 1	15 53.99	−38 57.1	1.607	2.531	11.4	20.7
5 11	15 43.09	−39 41.0	1.552	2.514	9.0	20.6
5 21	15 30.71	−40 0.4	1.522	2.496	8.1	20.5
5 31	15 18.45	−39 54.7	1.517	2.478	9.5	20.5
6 10	15 7.93	−39 28.2	1.535	2.460	12.4	20.6
6 20	15 0.33	−38 48.6	1.575	2.443	15.5	20.8

501947 2014 YO_3 5 16.9 106°.82 5°.4/20.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 6.86	−36 30.5	2.004	2.782	15.4	21.5
4 21	16 0.82	−36 34.5	1.935	2.801	12.6	21.3
5 1	15 52.27	−36 20.0	1.887	2.819	9.5	21.2
5 11	15 42.13	−35 45.3	1.863	2.837	6.7	21.0
5 21	15 31.54	−34 51.4	1.865	2.854	5.4	21.0
5 31	15 21.71	−33 42.7	1.895	2.871	6.8	21.1
6 10	15 13.66	−32 26.0	1.951	2.887	9.5	21.3
6 20	15 8.01	−31 8.5	2.032	2.903	12.4	21.5

379344 2009 WA_{93} 5 16.9 160°.41 5°.3/14.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 3.59	− 4 14.2	2.086	2.916	13.1	20.8
4 21	15 57.95	− 3 51.9	2.014	2.920	10.3	20.6
5 1	15 50.33	− 3 35.2	1.966	2.924	7.5	20.4
5 11	15 41.40	− 3 27.8	1.943	2.927	5.5	20.3
5 21	15 31.99	− 3 32.0	1.948	2.930	5.9	20.3
5 31	15 23.02	− 3 49.7	1.981	2.933	8.3	20.5
6 10	15 15.29	− 4 20.8	2.039	2.935	11.2	20.7
6 20	15 9.41	− 5 4.2	2.119	2.937	13.9	20.9

362708 2011 UM_{191} 5 16.9 135°.35 6°.3/12.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 4.30	−10 11.0	1.663	2.508	15.2	20.7
4 21	15 58.76	− 7 59.1	1.602	2.520	11.7	20.5
5 1	15 50.91	− 5 43.6	1.565	2.531	8.3	20.4
5 11	15 41.61	− 3 33.8	1.555	2.541	6.3	20.3
5 21	15 31.91	− 1 39.0	1.574	2.551	7.5	20.4
5 31	15 22.92	− 0 6.8	1.619	2.561	10.6	20.6
6 10	15 15.57	+ 0 58.8	1.688	2.569	13.9	20.8
6 20	15 10.43	+ 1 37.5	1.777	2.578	16.8	21.0

520071 2013 WY_{112} 5 16.9 281°.50 0°.4/16.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 1.65	−19 21.3	1.805	2.645	14.4	21.5
4 21	15 57.22	−19 9.4	1.708	2.626	11.1	21.2
5 1	15 50.29	−18 50.6	1.633	2.607	7.1	21.0
5 11	15 41.53	−18 26.3	1.582	2.588	2.7	20.6
5 21	15 31.87	−17 58.6	1.558	2.568	2.0	20.6
5 31	15 22.48	−17 31.1	1.562	2.548	6.7	20.8
6 10	15 14.46	−17 8.0	1.590	2.529	11.0	21.0
6 20	15 8.62	−16 52.8	1.640	2.509	14.9	21.2

58710 1998 CH_3 5 16.9 68°.37 1°.6/17.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 0.95	−24 34.0	2.101	2.924	13.2	19.3
4 21	15 56.13	−24 35.7	2.028	2.934	10.2	19.1
5 1	15 49.25	−24 28.4	1.978	2.944	6.8	18.9
5 11	15 41.01	−24 12.6	1.954	2.955	3.1	18.7
5 21	15 32.29	−23 49.5	1.957	2.965	2.0	18.7
5 31	15 24.06	−23 22.1	1.988	2.976	5.3	18.9
6 10	15 17.15	−22 54.2	2.045	2.987	8.8	19.1
6 20	15 12.17	−22 29.3	2.126	2.997	11.9	19.3

456913 2007 WC_{21} 5 16.9 56°.94 4°.1/15.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 2.04	−12 6.2	1.407	2.266	16.6	20.4
4 21	15 57.51	−11 23.4	1.351	2.279	12.7	20.2
5 1	15 50.34	−10 39.5	1.316	2.292	8.3	20.0
5 11	15 41.45	− 9 59.4	1.305	2.305	4.6	19.8
5 21	15 32.04	− 9 28.0	1.319	2.319	5.1	19.9
5 31	15 23.37	− 9 9.4	1.358	2.333	8.9	20.1
6 10	15 16.53	− 9 6.0	1.419	2.347	13.0	20.4
6 20	15 12.15	− 9 18.3	1.501	2.361	16.5	20.6

101593 1999 BU_{25} 5 16.9 71°.18 3°.8/15.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 3.07	−12 22.5	1.567	2.417	15.6	18.8
4 21	15 57.92	−11 35.3	1.517	2.440	11.8	18.7
5 1	15 50.40	−10 47.1	1.489	2.463	7.7	18.5
5 11	15 41.42	−10 2.4	1.486	2.486	4.3	18.3
5 21	15 32.09	− 9 25.8	1.509	2.508	4.7	18.4
5 31	15 23.54	− 9 1.1	1.558	2.531	8.2	18.7
6 10	15 16.70	− 8 50.8	1.631	2.553	11.9	18.9
6 20	15 12.13	− 8 55.1	1.724	2.575	15.2	19.2

39109 2000 WG_{27} 5 16.9 295°.08 1°.8/16.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 0.88	−16 5.0	1.848	2.691	13.9	19.2
4 21	15 56.30	−15 41.8	1.770	2.691	10.6	19.0
5 1	15 49.48	−15 14.4	1.715	2.690	6.8	18.7
5 11	15 41.15	−14 45.4	1.685	2.690	2.9	18.5
5 21	15 32.22	−14 17.6	1.682	2.689	2.8	18.5
5 31	15 23.74	−13 54.7	1.706	2.688	6.7	18.7
6 10	15 16.64	−13 39.9	1.755	2.688	10.6	18.9
6 20	15 11.58	−13 35.0	1.827	2.687	14.0	19.2

117802 2005 GG_{168} 5 16.9 25°.31 1°.7/16.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 0.68	−17 17.5	1.252	2.117	17.9	20.1
4 21	15 56.97	−16 55.6	1.191	2.123	13.6	19.9
5 1	15 50.25	−16 27.4	1.150	2.130	8.6	19.6
5 11	15 41.50	−15 55.9	1.131	2.137	3.4	19.3
5 21	15 32.02	−15 25.4	1.137	2.145	3.2	19.4
5 31	15 23.28	−15 0.7	1.166	2.154	8.2	19.7
6 10	15 16.55	−14 46.4	1.218	2.164	13.1	20.0
6 20	15 12.57	−14 44.7	1.289	2.174	17.2	20.2

205796 2002 CK_{139} 5 16.9 150°.16 1°.1/17.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 5.53	−24 26.4	1.692	2.520	15.7	20.5
4 21	16 0.06	−24 5.8	1.617	2.527	12.1	20.3
5 1	15 51.96	−23 33.0	1.564	2.533	7.9	20.0
5 11	15 42.10	−22 48.8	1.536	2.539	3.4	19.8
5 21	15 31.62	−21 56.2	1.535	2.544	2.0	19.7
5 31	15 21.78	−21 0.4	1.561	2.549	6.5	20.0
6 10	15 13.69	−20 7.5	1.612	2.554	10.7	20.2
6 20	15 8.04	−19 22.4	1.686	2.558	14.5	20.5

116538 2004 BM_{59} 5 16.9 242°.61 2°.2/15.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 3.31	−15 32.7	1.900	2.738	13.8	20.1
4 21	15 58.25	−14 59.0	1.806	2.723	10.6	19.8
5 1	15 50.82	−14 20.2	1.734	2.708	6.9	19.6
5 11	15 41.71	−13 39.2	1.688	2.691	3.1	19.3
5 21	15 31.83	−12 59.4	1.669	2.674	3.3	19.3
5 31	15 22.24	−12 25.1	1.679	2.657	7.2	19.5
6 10	15 13.98	−12 0.1	1.713	2.639	11.2	19.7
6 20	15 7.79	−11 46.9	1.770	2.620	14.8	19.9

375980 2009 WA_{246} 5 16.9 236°.54 1°.2/17.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 4.59	−23 5.6	2.187	3.004	13.0	21.8
4 21	15 59.08	−23 11.5	2.085	2.989	10.1	21.6
5 1	15 51.30	−23 9.9	2.008	2.974	6.7	21.4
5 11	15 41.89	−23 0.6	1.956	2.959	2.9	21.1
5 21	15 31.70	−22 44.3	1.933	2.942	1.8	21.0
5 31	15 21.76	−22 23.3	1.939	2.926	5.6	21.2
6 10	15 13.03	−22 1.3	1.971	2.908	9.4	21.4
6 20	15 6.26	−21 41.7	2.027	2.890	12.7	21.6

432454 2010 CL_{107} 5 16.9 51°.98 0°.8/16.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 0.42	−18 38.8	1.878	2.718	13.9	21.2
4 21	15 55.90	−18 19.6	1.804	2.723	10.5	21.0
5 1	15 49.19	−17 54.5	1.752	2.727	6.7	20.8
5 11	15 41.03	−17 25.3	1.726	2.731	2.5	20.5
5 21	15 32.33	−16 54.9	1.727	2.736	2.1	20.5
5 31	15 24.12	−16 26.8	1.755	2.740	6.2	20.8
6 10	15 17.29	−16 4.6	1.808	2.745	10.1	21.0
6 20	15 12.48	−15 50.8	1.884	2.750	13.4	21.2

5897 Novotná 5 16.9 204°.69 1°.5/17.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 3.58	−25 5.8	2.213	3.027	13.0	18.3
4 21	15 58.17	−25 0.1	2.122	3.023	10.1	18.1
5 1	15 50.62	−24 44.8	2.053	3.018	6.7	17.9
5 11	15 41.59	−24 19.9	2.011	3.012	3.1	17.6
5 21	15 31.95	−23 47.0	1.997	3.006	2.0	17.5
5 31	15 22.67	−23 8.9	2.012	2.999	5.4	17.7
6 10	15 14.67	−22 30.0	2.053	2.992	9.0	17.9
6 20	15 8.59	−21 54.3	2.119	2.984	12.2	18.1

433596 2013 YW_{57} 5 16.9 233°.09 3°.0/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 3.46	−10 50.5	2.218	3.049	12.4	21.4
4 21	15 57.98	−10 39.6	2.125	3.037	9.5	21.2
5 1	15 50.48	−10 29.5	2.056	3.025	6.3	21.0
5 11	15 41.55	−10 22.4	2.014	3.013	3.4	20.7
5 21	15 31.98	−10 20.3	2.000	3.000	3.7	20.7
5 31	15 22.66	−10 25.2	2.015	2.987	6.7	20.9
6 10	15 14.47	−10 38.8	2.056	2.973	10.1	21.1
6 20	15 8.05	−11 1.5	2.121	2.959	13.2	21.3

304475 2006 UD_{85} 5 16.9 270°.65 0°.7/17.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 2.00	−20 50.3	2.269	3.094	12.3	20.9
4 21	15 56.98	−21 7.0	2.173	3.082	9.5	20.7
5 1	15 49.90	−21 19.0	2.101	3.071	6.2	20.4
5 11	15 41.35	−21 26.0	2.056	3.059	2.5	20.2
5 21	15 32.11	−21 28.7	2.038	3.048	1.6	20.1
5 31	15 23.10	−21 28.6	2.049	3.036	5.3	20.3
6 10	15 15.21	−21 27.9	2.087	3.025	8.9	20.5
6 20	15 9.11	−21 29.3	2.148	3.013	12.1	20.7

299575 2006 EE_{58} 5 16.9 206°.01 1°.9/19.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	15 53.42	−30 7.7	4.601	5.385	7.2	21.0
4 21	15 49.54	−30 11.5	4.507	5.384	5.7	20.9
5 1	15 44.71	−30 9.1	4.437	5.384	4.1	20.8
5 11	15 39.25	−30 0.5	4.396	5.383	2.5	20.6
5 21	15 33.55	−29 46.2	4.383	5.382	2.0	20.6
5 31	15 28.02	−29 27.4	4.400	5.381	3.0	20.7
6 10	15 23.03	−29 5.6	4.446	5.380	4.7	20.8
6 20	15 18.91	−28 42.5	4.518	5.379	6.3	20.9

507734 2013 WB_{70} 5 16.9 226°.33 0°.9/17.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 11	16 3.32	−24 7.1	2.367	3.180	12.3	23.2
4 21	15 57.88	−23 47.9	2.265	3.167	9.5	23.0
5 1	15 50.41	−23 19.1	2.187	3.153	6.2	22.8
5 11	15 41.52	−22 41.5	2.136	3.139	2.7	22.5
5 21	15 32.01	−21 56.8	2.114	3.124	1.6	22.4
5 31	15 22.80	−21 8.5	2.121	3.108	5.2	22.6
6 10	15 14.75	−20 20.9	2.156	3.091	8.8	22.8
6 20	15 8.48	−19 37.9	2.215	3.074	12.0	23.0

388584 2007 RZ_{101} 5 16.9 226°.07 15°.5/22.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 18.80	−48 23.0	1.382	2.122	22.8	21.4
4 21	16 13.35	−50 28.5	1.304	2.115	20.6	21.2
5 1	16 2.40	−52 10.1	1.241	2.107	18.3	21.0
5 11	15 46.72	−53 14.2	1.196	2.099	16.4	20.9
5 21	15 28.34	−53 29.8	1.171	2.090	15.6	20.8
5 31	15 10.42	−52 54.0	1.166	2.081	16.1	20.8
6 10	14 56.01	−51 35.7	1.180	2.071	17.9	20.9
6 20	14 46.87	−49 50.6	1.213	2.061	20.4	21.0

188060 2001 VG_{127} 5 16.9 9°.19 1°.0/15.9 18

4 11	15 52.93	−14 28.7	4.199	5.025	7.1	20.3
4 21	15 49.15	−14 21.2	4.113	5.025	5.3	20.2
5 1	15 44.45	−14 12.7	4.054	5.025	3.4	20.1
5 11	15 39.16	−14 4.3	4.023	5.026	1.5	19.9
5 21	15 33.63	−13 57.0	4.021	5.026	1.5	19.9
5 31	15 28.27	−13 52.0	4.049	5.026	3.4	20.1
6 10	15 23.45	−13 50.2	4.105	5.027	5.4	20.2
6 20	15 19.46	−13 52.5	4.187	5.027	7.1	20.3

410337 2007 UW_{67} 5 16.9 93°.61 0°.3/16.9 17

4 11	16 4.91	−20 19.1	1.512	2.356	16.5	21.7
4 21	15 59.70	−19 59.6	1.450	2.370	12.6	21.5
5 1	15 51.76	−19 31.5	1.409	2.383	8.0	21.3
5 11	15 42.04	−18 56.8	1.392	2.397	3.0	21.0
5 21	15 31.76	−18 18.7	1.401	2.411	2.1	21.0
5 31	15 22.23	−17 42.0	1.436	2.424	7.0	21.3
6 10	15 14.57	−17 11.6	1.496	2.437	11.5	21.6
6 20	15 9.46	−16 51.1	1.577	2.449	15.2	21.9

228651 2002 EQ_{101} 5 17.0 34°.50 6°.6/14.4 17

4 11	16 1.30	− 4 24.9	1.544	2.396	15.8	19.7
4 21	15 56.79	− 3 50.5	1.486	2.403	12.4	19.5
5 1	15 49.85	− 3 23.3	1.448	2.412	9.1	19.3
5 11	15 41.32	− 3 8.2	1.435	2.420	6.8	19.2
5 21	15 32.25	− 3 8.9	1.446	2.430	7.3	19.3
5 31	15 23.80	− 3 27.6	1.482	2.439	10.1	19.4
6 10	15 16.96	− 4 3.9	1.540	2.449	13.4	19.7
6 20	15 12.37	− 4 55.7	1.619	2.460	16.5	19.9

470448 2007 YA_{25} 5 17.0 171°.67 3°.8/20.1 18

4 11	16 2.82	−34 14.6	2.772	3.545	11.7	21.5
4 21	15 57.25	−34 13.6	2.683	3.549	9.5	21.3
5 1	15 49.86	−33 59.7	2.616	3.552	7.0	21.2
5 11	15 41.28	−33 32.1	2.576	3.554	4.8	21.0
5 21	15 32.26	−32 51.6	2.563	3.556	3.8	21.0
5 31	15 23.65	−32 0.5	2.580	3.557	5.1	21.0
6 10	15 16.20	−31 3.2	2.625	3.558	7.5	21.2
6 20	15 10.44	−30 4.3	2.695	3.558	9.9	21.4

250417 2003 UF_{342} 5 17.0 248°.90 2°.3/18.2 17

4 11	16 4.21	−26 48.2	1.672	2.498	16.0	20.9
4 21	15 59.43	−26 37.6	1.580	2.486	12.6	20.6
5 1	15 51.83	−26 12.7	1.509	2.474	8.5	20.3
5 11	15 42.18	−25 33.1	1.462	2.462	4.2	20.1
5 21	15 31.61	−24 40.6	1.441	2.449	2.7	19.9
5 31	15 21.47	−23 39.9	1.447	2.436	6.8	20.1
6 10	15 13.01	−22 37.9	1.478	2.423	11.2	20.4
6 20	15 7.09	−21 41.3	1.531	2.409	15.3	20.6

313049 2000 QN_{210} 5 17.0 251°.86 4°.0/14.9 17

4 11	16 3.31	−12 20.3	1.666	2.513	15.1	21.4
4 21	15 58.53	−11 32.2	1.576	2.497	11.6	21.2
5 1	15 51.17	−10 40.7	1.508	2.481	7.8	20.9
5 11	15 41.92	− 9 49.9	1.465	2.465	4.4	20.7
5 21	15 31.79	− 9 5.0	1.449	2.447	5.0	20.7
5 31	15 22.00	− 8 31.0	1.458	2.430	8.8	20.8
6 10	15 13.68	− 8 12.0	1.492	2.412	13.0	21.0
6 20	15 7.66	− 8 9.5	1.546	2.393	16.8	21.2

57626 2001 TE_{165} 5 17.0 296°.71 2°.7/14.0 18

4 11	15 51.93	− 6 33.4	4.245	5.072	7.0	19.4
4 21	15 48.39	− 6 10.6	4.160	5.067	5.4	19.3
5 1	15 43.97	− 5 49.7	4.102	5.062	3.8	19.1
5 11	15 38.99	− 5 32.2	4.071	5.057	2.8	19.1
5 21	15 33.79	− 5 19.6	4.070	5.052	3.1	19.1
5 31	15 28.74	− 5 13.0	4.097	5.048	4.4	19.2
6 10	15 24.20	− 5 13.4	4.151	5.043	6.1	19.3
6 20	15 20.45	− 5 20.8	4.230	5.038	7.7	19.4

294933 2008 DB_{49} 5 17.0 351°.69 3°.1/15.4 18

4 11	15 59.80	−10 29.1	2.166	3.006	12.3	20.1
4 21	15 55.15	−10 16.4	2.088	3.005	9.4	19.9
5 1	15 48.63	−10 4.8	2.033	3.004	6.3	19.7
5 11	15 40.84	− 9 56.9	2.004	3.003	3.5	19.5
5 21	15 32.55	− 9 54.7	2.003	3.002	3.8	19.5
5 31	15 24.61	−10 0.1	2.030	3.002	6.7	19.7
6 10	15 17.80	−10 14.6	2.082	3.002	9.9	19.9
6 20	15 12.70	−10 38.3	2.157	3.001	12.8	20.1

131708 2001 YB_{44} 5 17.0 59°.41 0°.4/17.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 11	16 4.88	−20 30.9	1.296	2.149	18.1	20.2
4 21	16 0.18	−20 34.2	1.235	2.159	13.9	19.9
5 1	15 52.33	−20 29.1	1.193	2.169	8.9	19.7
5 11	15 42.34	−20 16.3	1.174	2.180	3.5	19.4
5 21	15 31.58	−19 58.0	1.180	2.190	2.2	19.3
5 31	15 21.62	−19 38.4	1.211	2.201	7.6	19.7
6 10	15 13.77	−19 22.4	1.264	2.212	12.5	20.0
6 20	15 8.83	−19 13.9	1.338	2.223	16.6	20.3

338089 2002 PK_{176} 5 17.0 341°.48 0°.1/17.1 17

4 11	15 59.33	−21 42.2	1.755	2.597	14.6	20.6
4 21	15 55.35	−21 18.3	1.674	2.593	11.2	20.4
5 1	15 49.00	−20 44.8	1.615	2.589	7.2	20.1
5 11	15 41.04	−20 3.4	1.581	2.586	2.8	19.9
5 21	15 32.42	−19 17.3	1.573	2.583	1.8	19.8
5 31	15 24.27	−18 31.1	1.592	2.581	6.3	20.1
6 10	15 17.58	−17 49.7	1.636	2.579	10.5	20.3
6 20	15 13.05	−17 17.1	1.702	2.577	14.2	20.5

432972 2012 LS_{10} 5 17.0 268°.59 7°.4/11.5 18

4 11	15 59.72	− 3 53.6	1.871	2.714	13.8	20.8
4 21	15 55.46	− 2 17.8	1.785	2.695	11.1	20.6
5 1	15 49.02	− 0 43.1	1.722	2.676	8.6	20.4
5 11	15 41.05	+ 0 43.3	1.685	2.657	7.4	20.3
5 21	15 32.39	+ 1 54.2	1.674	2.637	8.5	20.3
5 31	15 24.02	+ 2 44.1	1.688	2.617	11.1	20.4
6 10	15 16.89	+ 3 9.9	1.725	2.596	14.1	20.6
6 20	15 11.67	+ 3 11.6	1.781	2.576	17.0	20.7

261168 2005 TZ_{104} 5 17.0 225°.22 2°.3/18.7 18

4 11	16 0.61	−28 11.1	2.897	3.694	10.7	21.5
4 21	15 55.54	−28 15.4	2.796	3.684	8.4	21.3
5 1	15 48.80	−28 10.9	2.719	3.674	5.8	21.2
5 11	15 40.90	−27 57.4	2.670	3.663	3.3	21.0
5 21	15 32.51	−27 35.3	2.649	3.653	2.4	20.9
5 31	15 24.35	−27 6.6	2.657	3.641	4.5	21.0
6 10	15 17.13	−26 34.3	2.693	3.630	7.2	21.2
6 20	15 11.38	−26 1.7	2.755	3.618	9.8	21.3

315362 2007 UQ_{101} 5 17.0 122°.18 0°.2/16.9 16

4 11	16 6.39	−19 38.7	1.767	2.599	15.0	22.0
4 21	16 0.48	−19 30.8	1.700	2.614	11.4	21.8
5 1	15 52.13	−19 16.2	1.656	2.628	7.3	21.6
5 11	15 42.18	−18 56.3	1.637	2.642	2.7	21.4
5 21	15 31.70	−18 33.1	1.646	2.655	1.9	21.3
5 31	15 21.87	−18 10.2	1.682	2.668	6.4	21.6
6 10	15 13.70	−17 51.3	1.744	2.680	10.4	21.9
6 20	15 7.82	−17 39.4	1.828	2.692	13.9	22.2

417461 2006 QX_{54} 5 17.0 330°.90 2°.0/16.3 17

4 11	15 57.69	−15 52.4	1.107	1.985	18.7	20.3
4 21	15 55.48	−15 48.5	1.026	1.964	14.5	19.9
5 1	15 49.86	−15 40.5	0.963	1.945	9.4	19.6
5 11	15 41.60	−15 31.3	0.921	1.927	3.9	19.2
5 21	15 31.97	−15 23.9	0.901	1.910	3.6	19.1
5 31	15 22.67	−15 22.7	0.903	1.894	9.4	19.4
6 10	15 15.36	−15 31.9	0.925	1.880	15.1	19.6
6 20	15 11.19	−15 53.6	0.965	1.867	20.1	19.9

1933 Tinchen 5 17.0 222°.97 4°.1/14.7 18 R

4 11	16 2.71	−11 31.5	1.757	2.602	14.5	17.1
4 21	15 57.82	−10 39.5	1.675	2.595	11.1	16.9
5 1	15 50.55	− 9 45.2	1.616	2.588	7.5	16.6
5 11	15 41.63	− 8 53.0	1.583	2.580	4.5	16.4
5 21	15 32.03	− 8 7.9	1.576	2.572	5.1	16.5
5 31	15 22.85	− 7 34.5	1.596	2.564	8.5	16.6
6 10	15 15.11	− 7 16.2	1.640	2.555	12.3	16.8
6 20	15 9.51	− 7 14.2	1.705	2.545	15.8	17.0

118409 1999 RB_{234} 5 17.0 177°.75 8°.2/ 9.5 18

4 11	15 57.20	+ 7 51.4	2.688	3.491	11.2	20.2
4 21	15 52.77	+ 9 6.8	2.628	3.492	9.7	20.0
5 1	15 46.92	+10 12.0	2.591	3.493	8.6	20.0
5 11	15 40.15	+11 2.0	2.580	3.493	8.2	19.9
5 21	15 33.05	+11 33.4	2.594	3.493	8.8	20.0
5 31	15 26.27	+11 44.3	2.633	3.493	10.1	20.1
6 10	15 20.39	+11 34.6	2.694	3.493	11.7	20.2
6 20	15 15.84	+11 6.3	2.774	3.493	13.3	20.3

219811 2002 AF_{189} 5 17.0 167°.14 3°.4/14.5 18

4 11	16 1.44	−11 36.7	2.390	3.221	11.6	20.8
4 21	15 56.12	−10 37.1	2.314	3.226	8.8	20.7
5 1	15 49.10	− 9 35.6	2.263	3.231	5.9	20.5
5 11	15 40.99	− 8 36.0	2.240	3.235	3.6	20.3
5 21	15 32.50	− 7 42.2	2.246	3.239	4.1	20.4
5 31	15 24.42	− 6 57.9	2.280	3.242	6.8	20.6
6 10	15 17.44	− 6 25.8	2.341	3.244	9.7	20.7
6 20	15 12.06	− 6 6.9	2.425	3.245	12.3	20.9